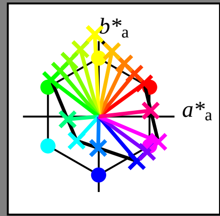
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

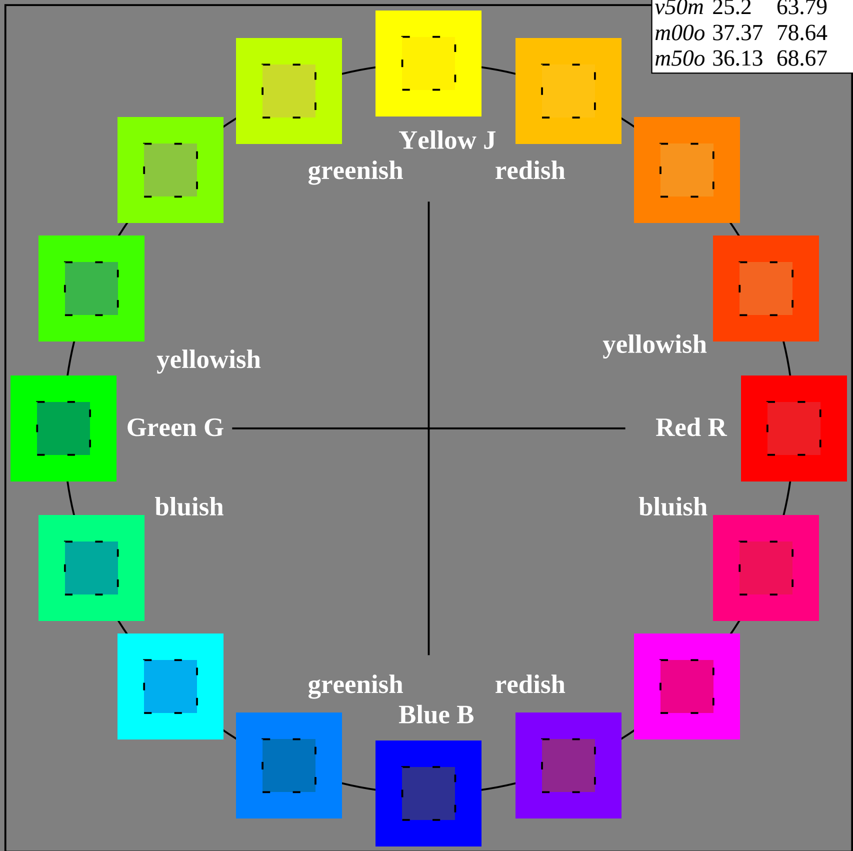
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

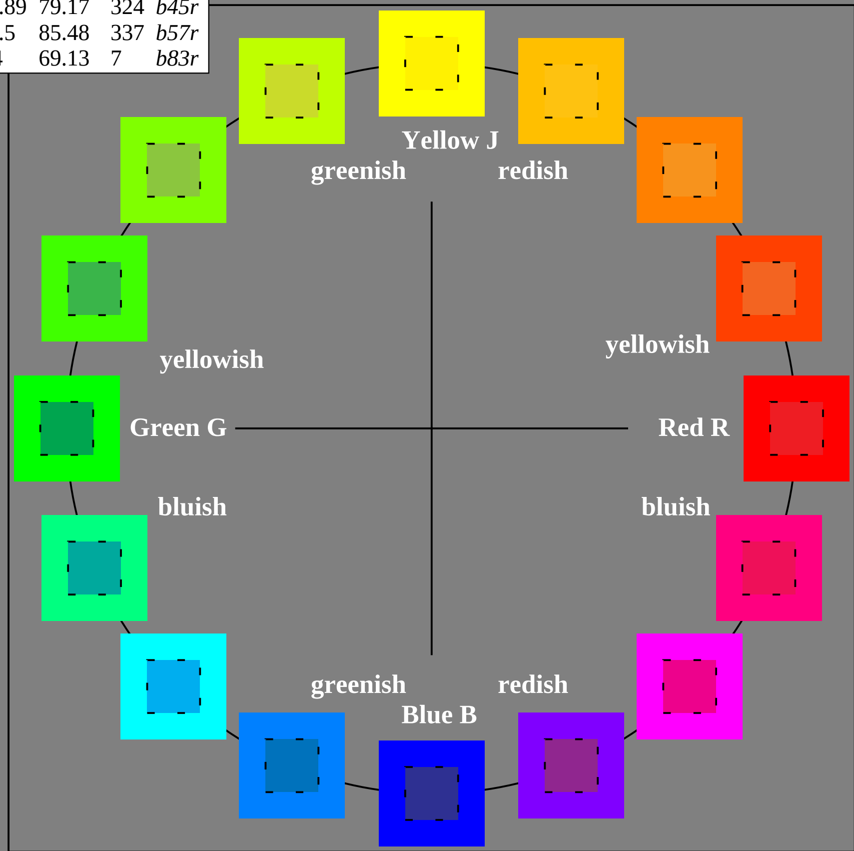


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272



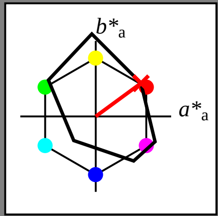


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: no change compared to input

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$ $u^*_d = o00y$

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

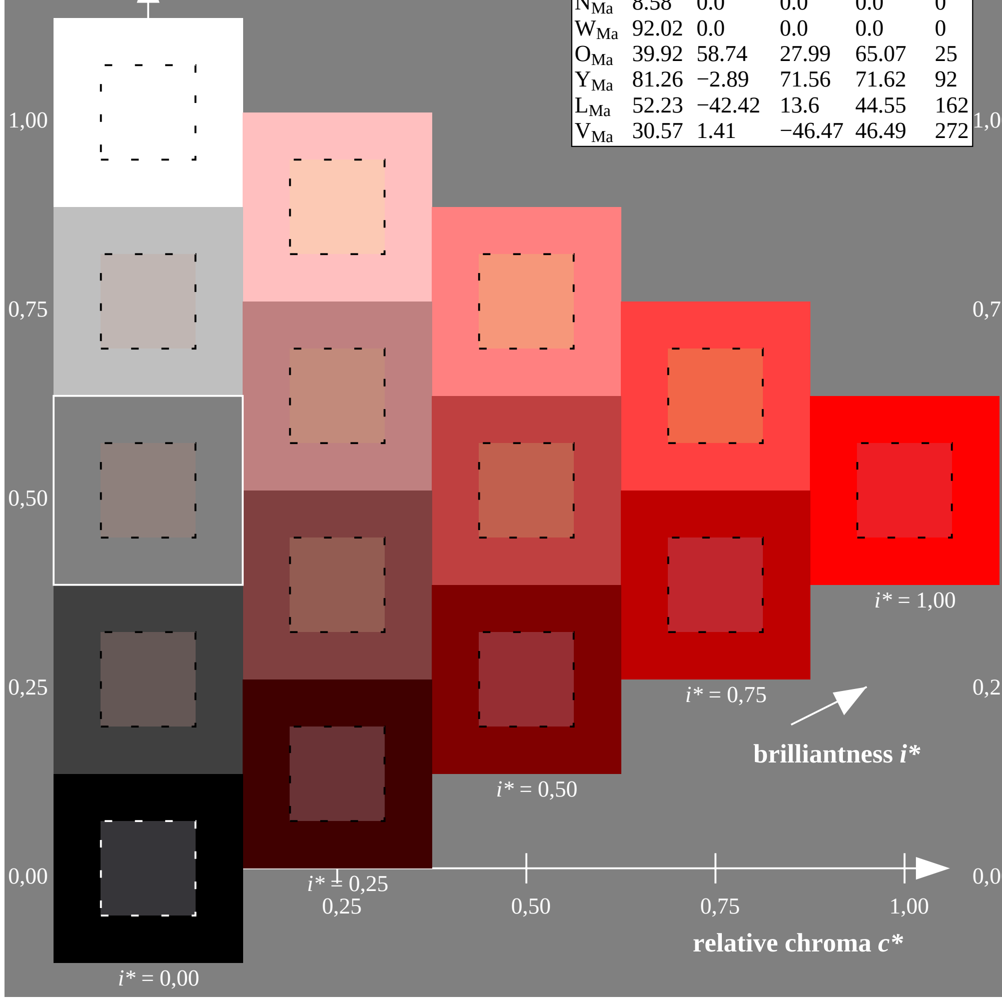
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

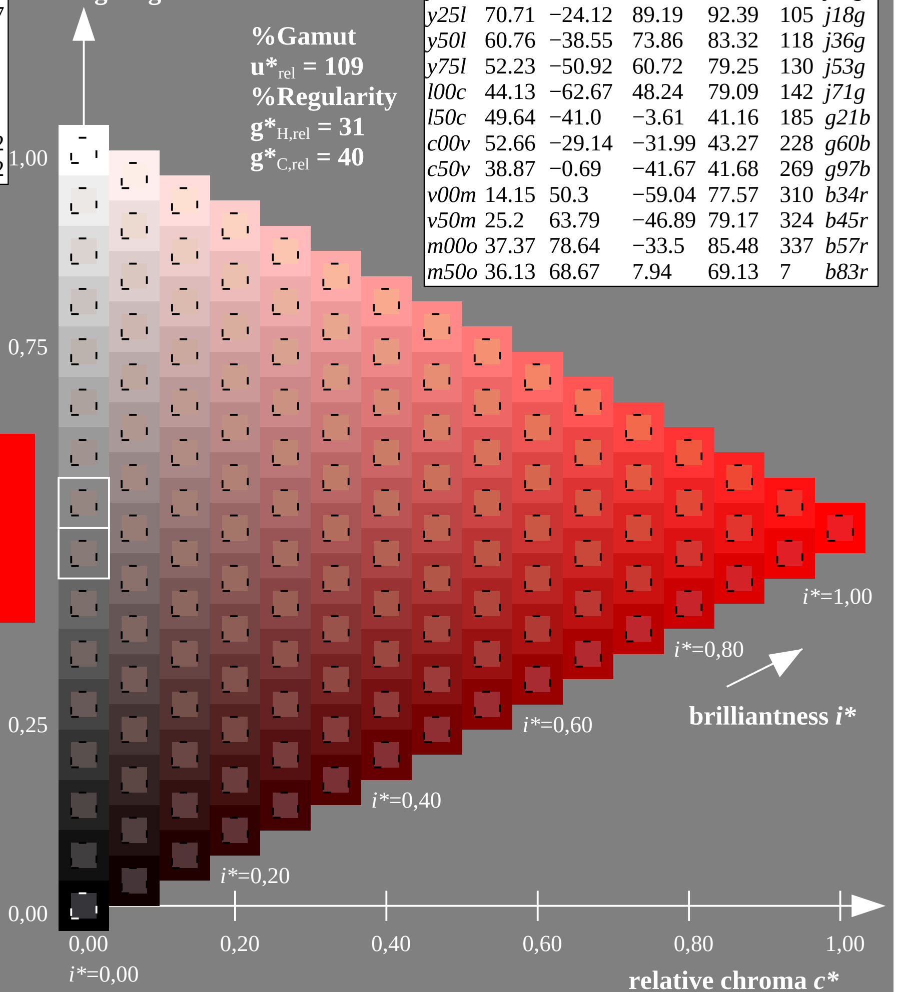
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 35 60 44**
LAB*LCH*$_{Ma}$**: 35 74 36**
lab*olv*$_{Ma}$**: 1.0 0.0 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.16 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



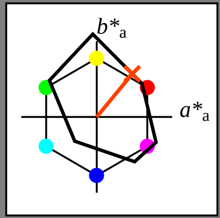


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$ $u^*_d = o25y$

data for any colour:
lab*tch** and lab*icu*
Hue texts:
$u^*_d = o25y$ $u^*_e = r37j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

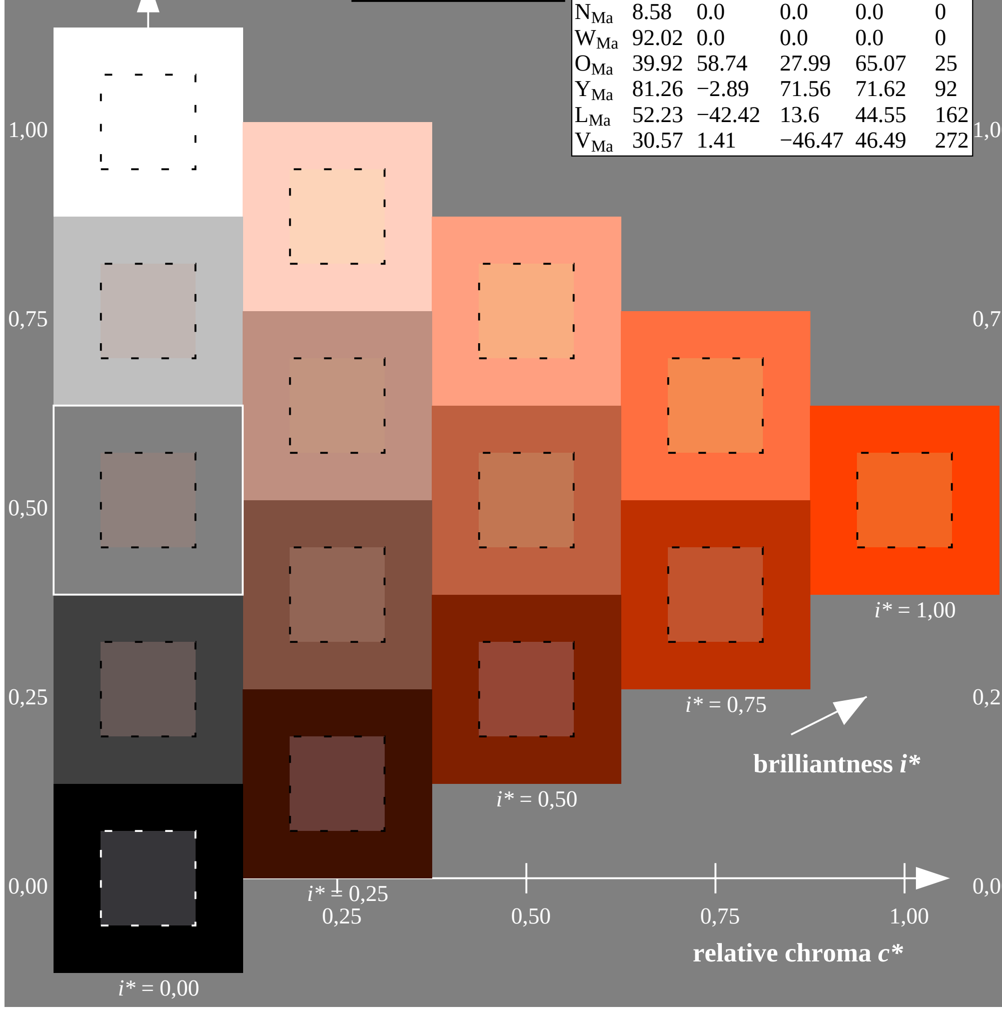


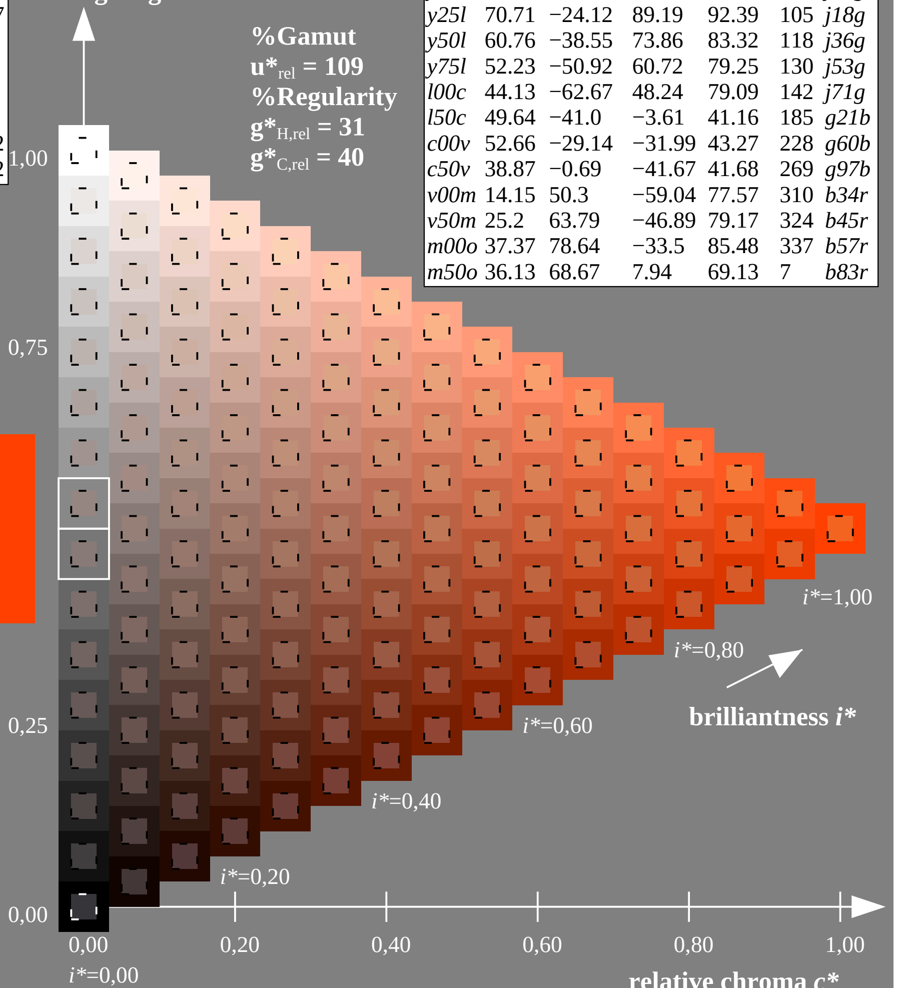
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 45 47 57
$LAB^*LCH^*_{Ma}$: 45 74 50
$lab^*olv^*_{Ma}$: 1.0 0.25 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0
triangle lightness t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





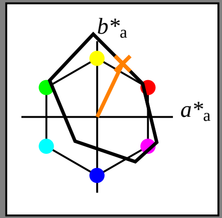
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: no change compared to input

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$ ***u^*_d = o50y***

data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_d = o50y u^*_e = r58j
contrast reduction factor:
c_R = 1.0
triangle lightness t*

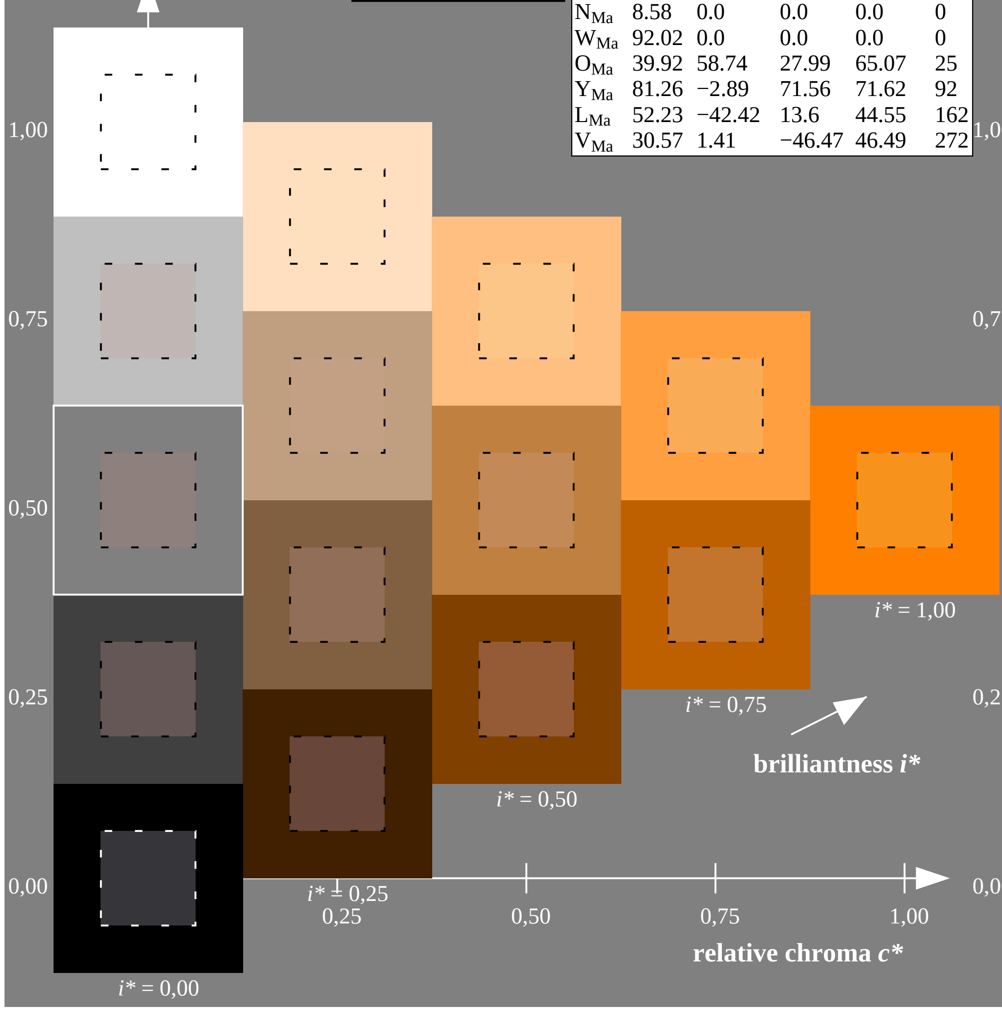


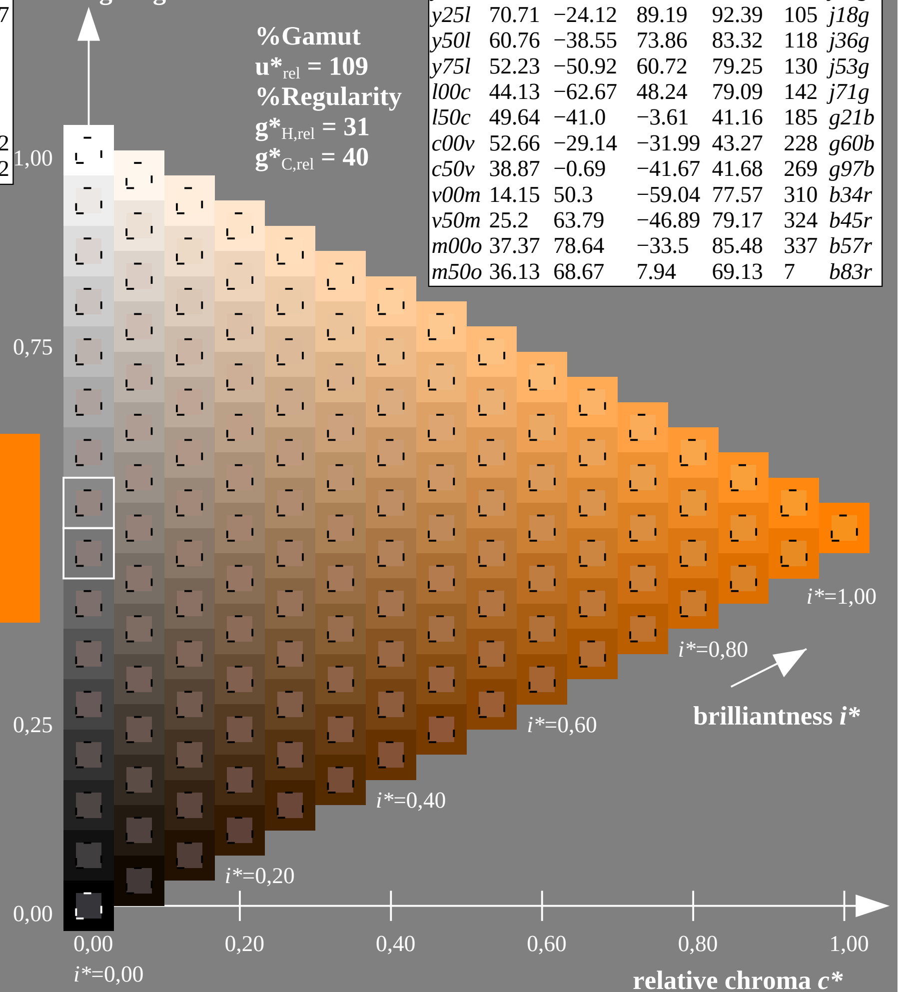
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 55 34 70**
***$LAB^*LCH^*_{Ma}$*: 55 78 64**
***$lab^*olv^*_{Ma}$*: 1.0 0.5 0.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.58 0.0**
triangle lightness t*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



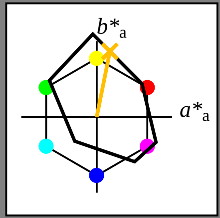


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$ $u^*_d = o75y$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o75y$ $u^*_e = r79j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

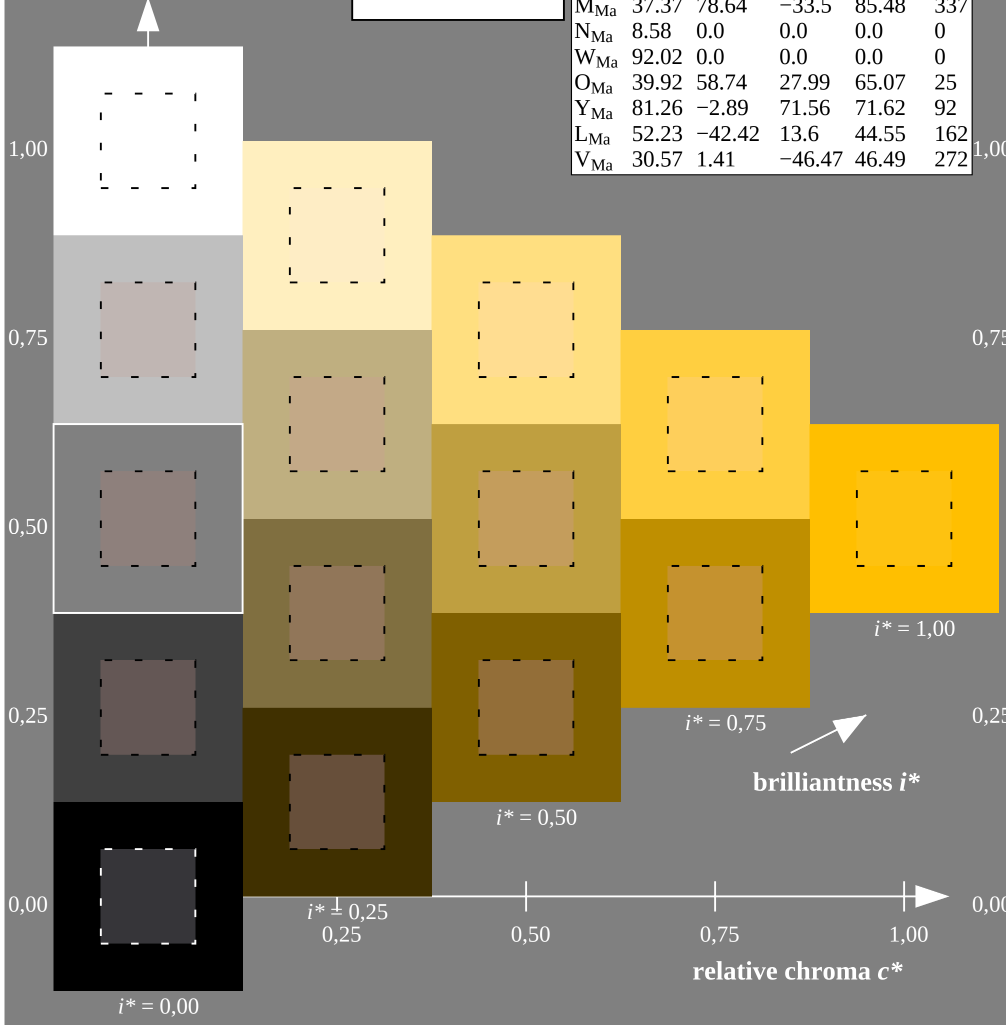


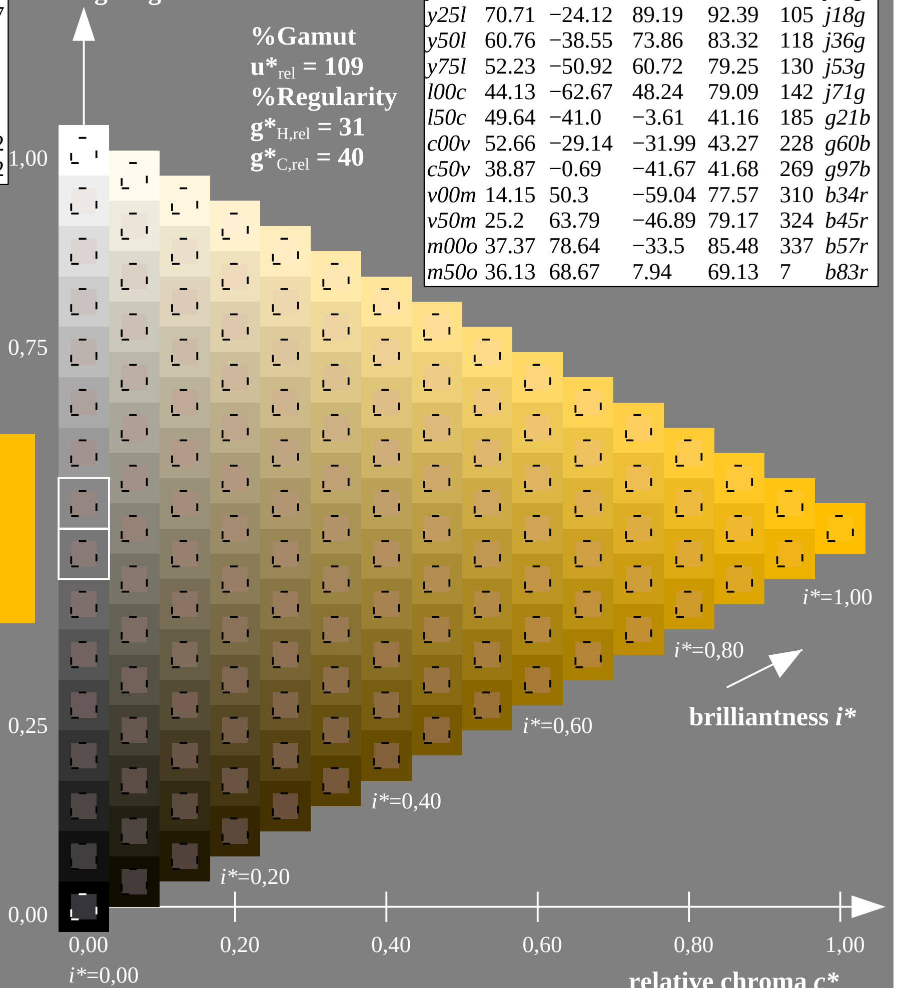
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 67 17 87
$LAB^*LCH^*_{Ma}$: 67 88 78
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



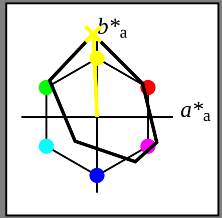


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$ **$u^*_d = y00l$**

data for any colour:
lab^*tch^* and lab^*icu^*
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

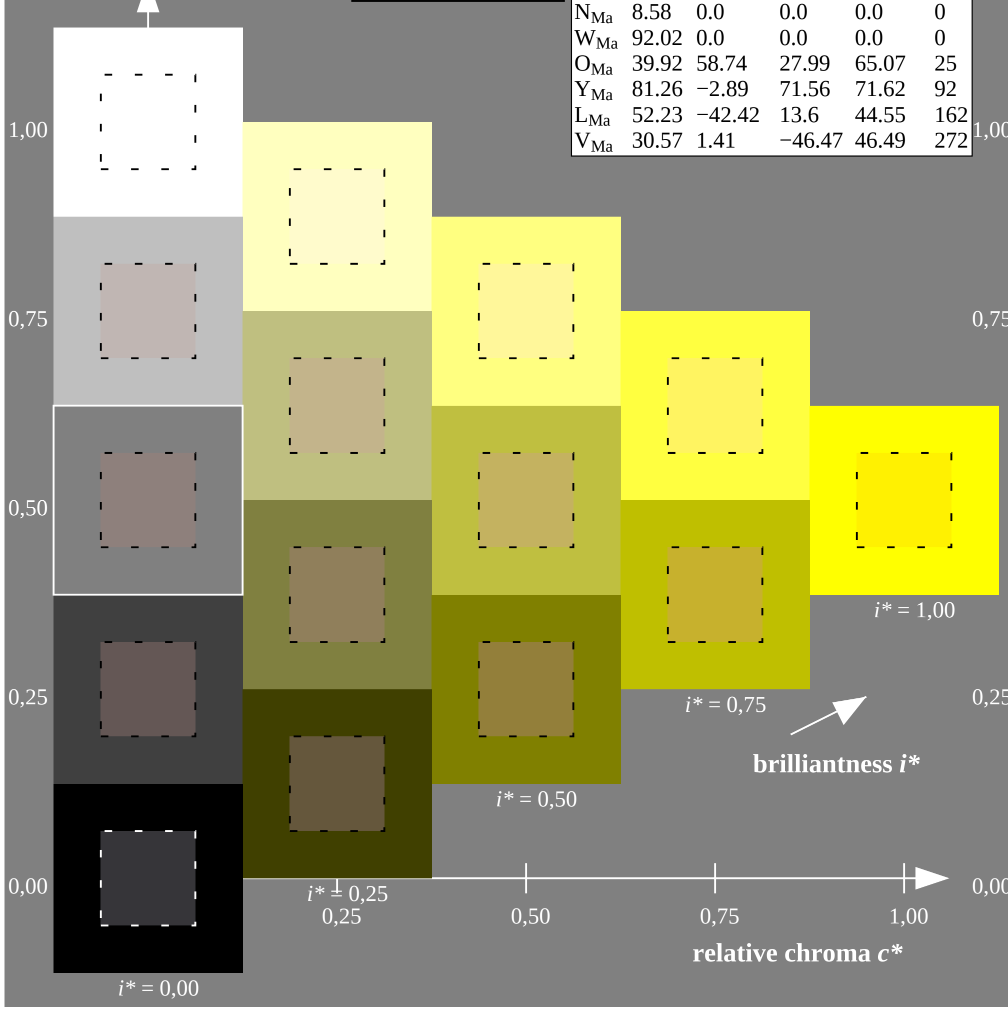


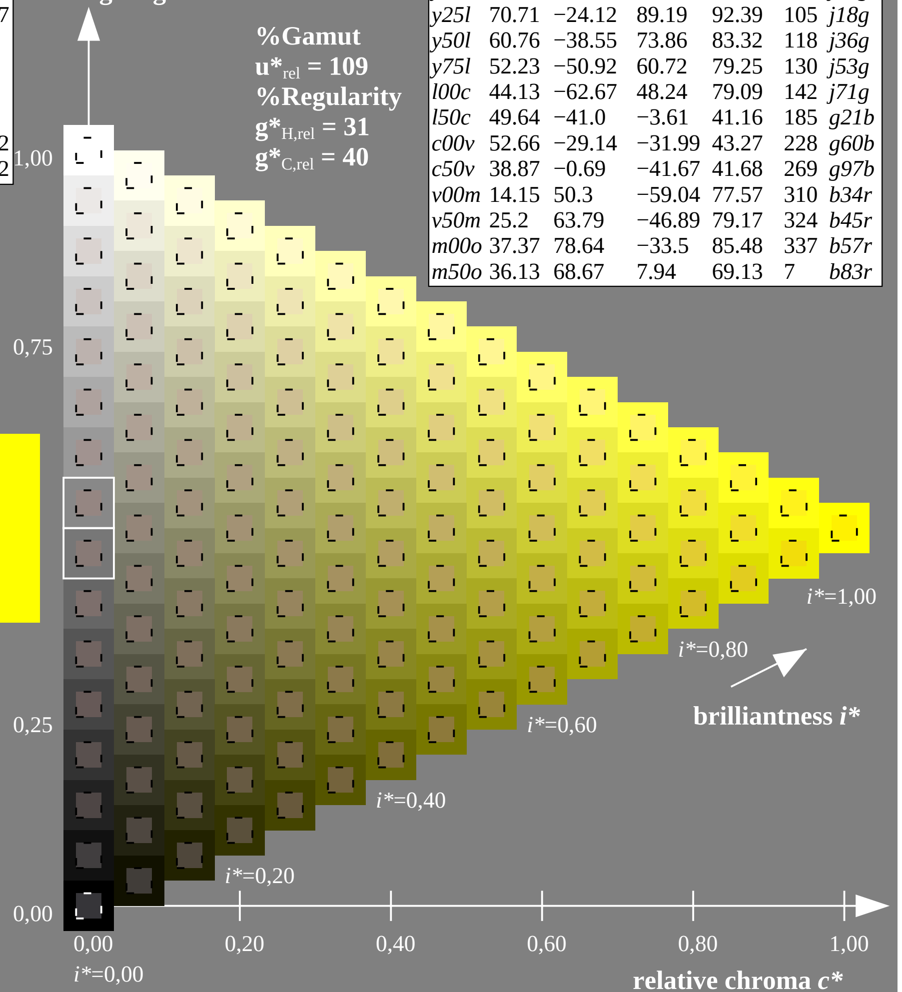
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 84 −5 109
$LAB^*LCH^*_{Ma}$: 84 109 92
$lab^*olv^*_{Ma}$: 1.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



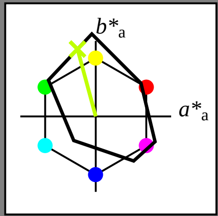


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

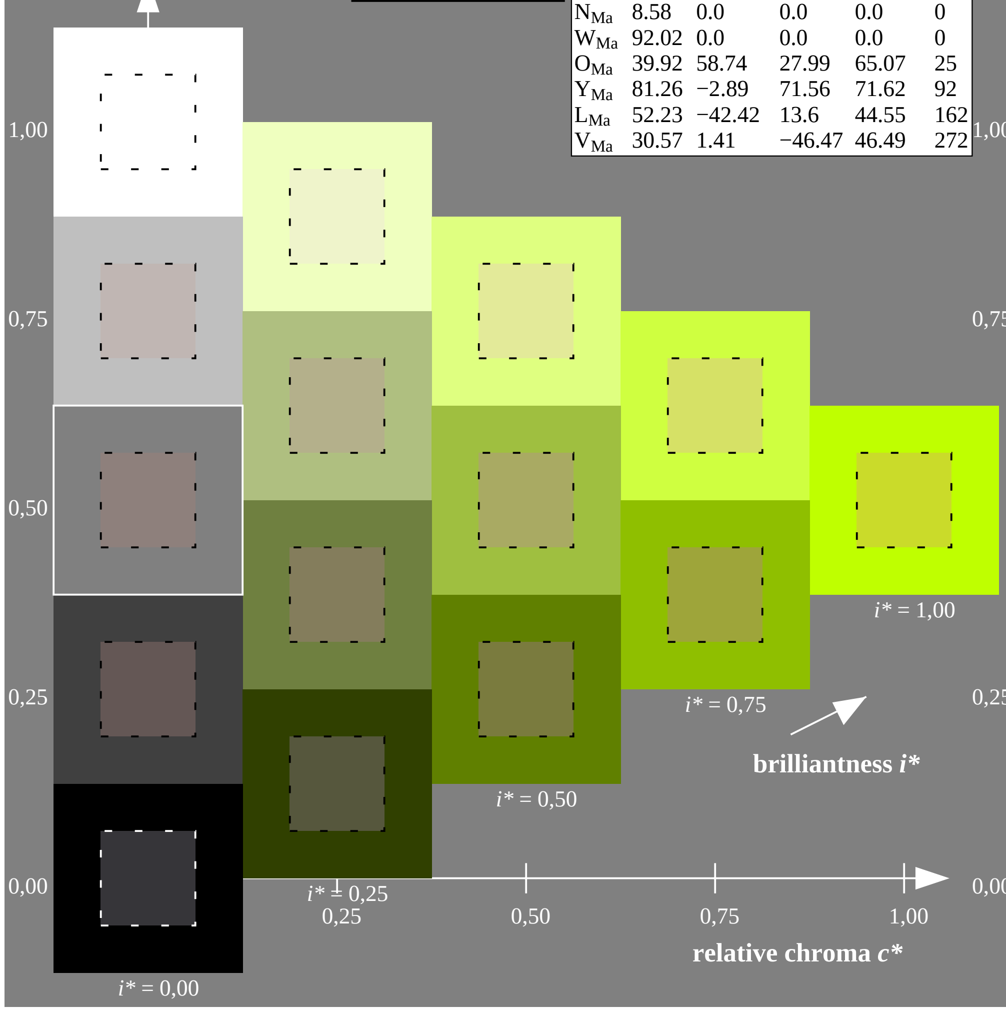
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$ **$u^*_d = y25l$**

data for any colour:
lab^*tch^* and lab^*icu^*
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



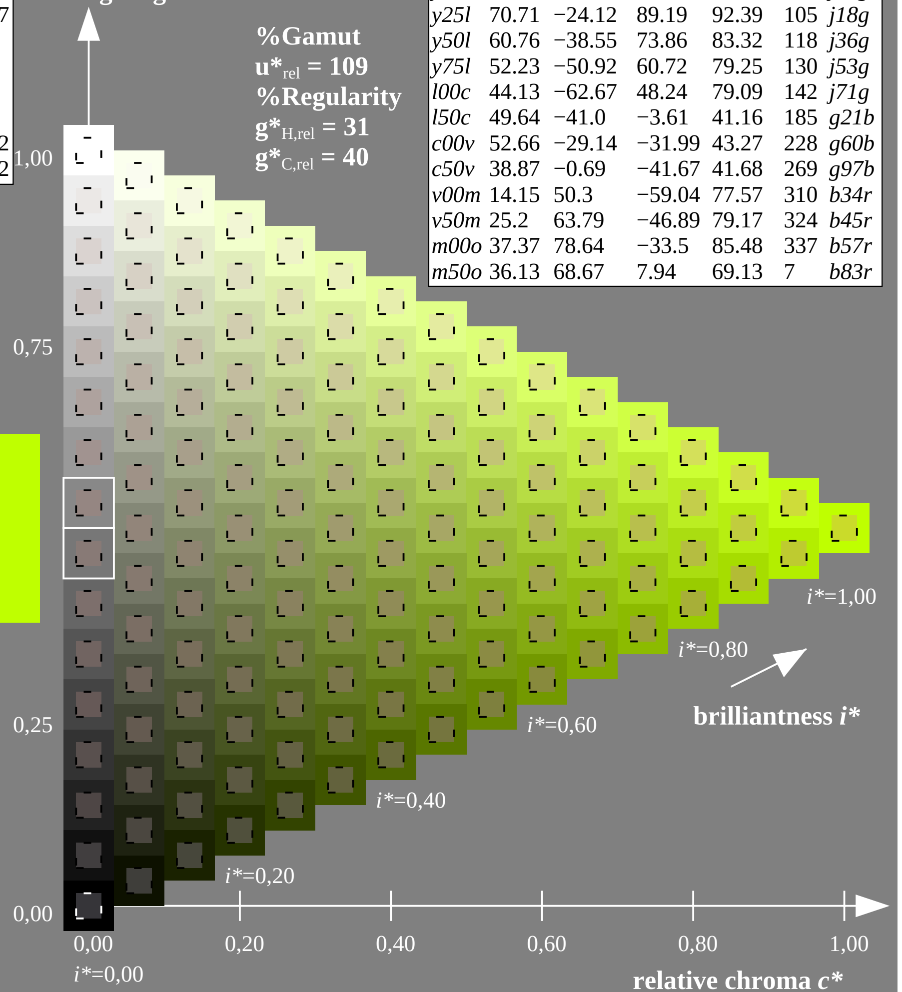
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 71 −24 89
$LAB^*LCH^*_{Ma}$: 71 92 105
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

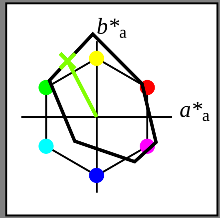


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$ $u^*_d = y50l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

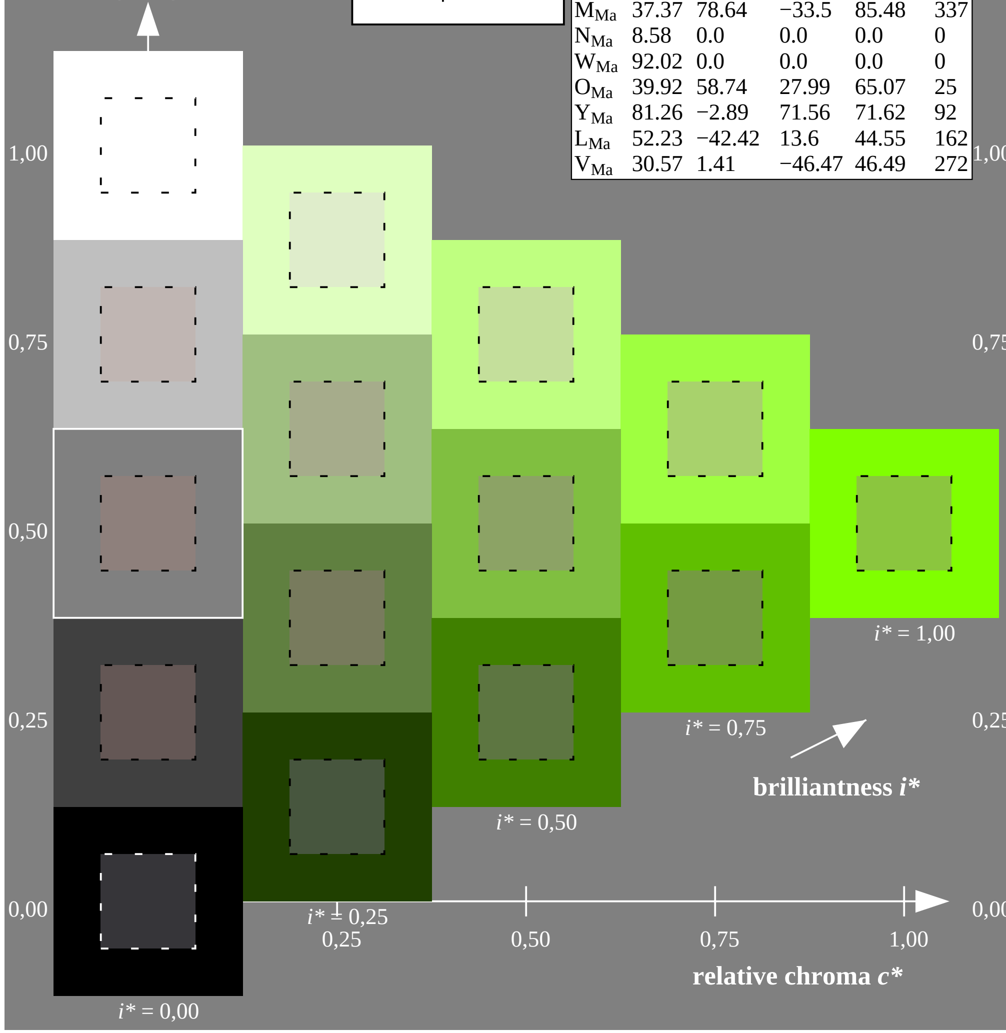


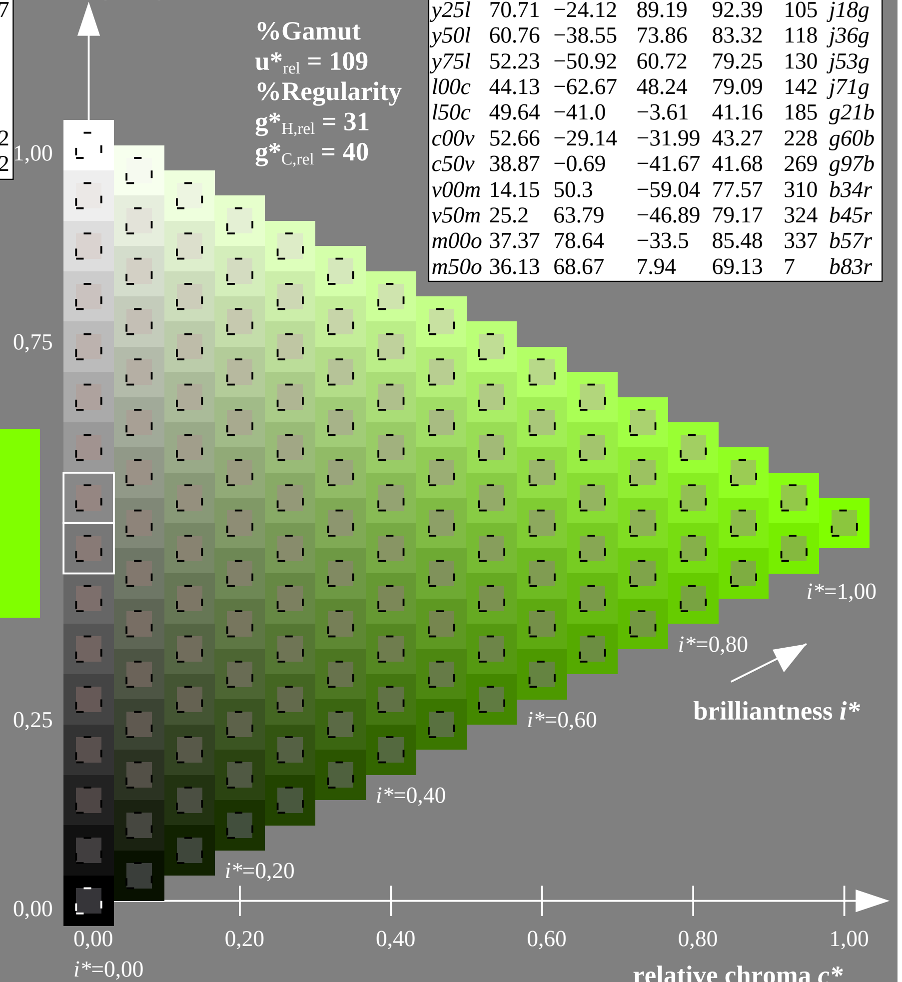
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −39 74
$LAB^*LCH^*_{Ma}$: 61 83 117
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

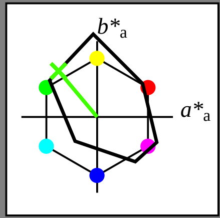
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: no change compared to input

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

$u^*_d = y75l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

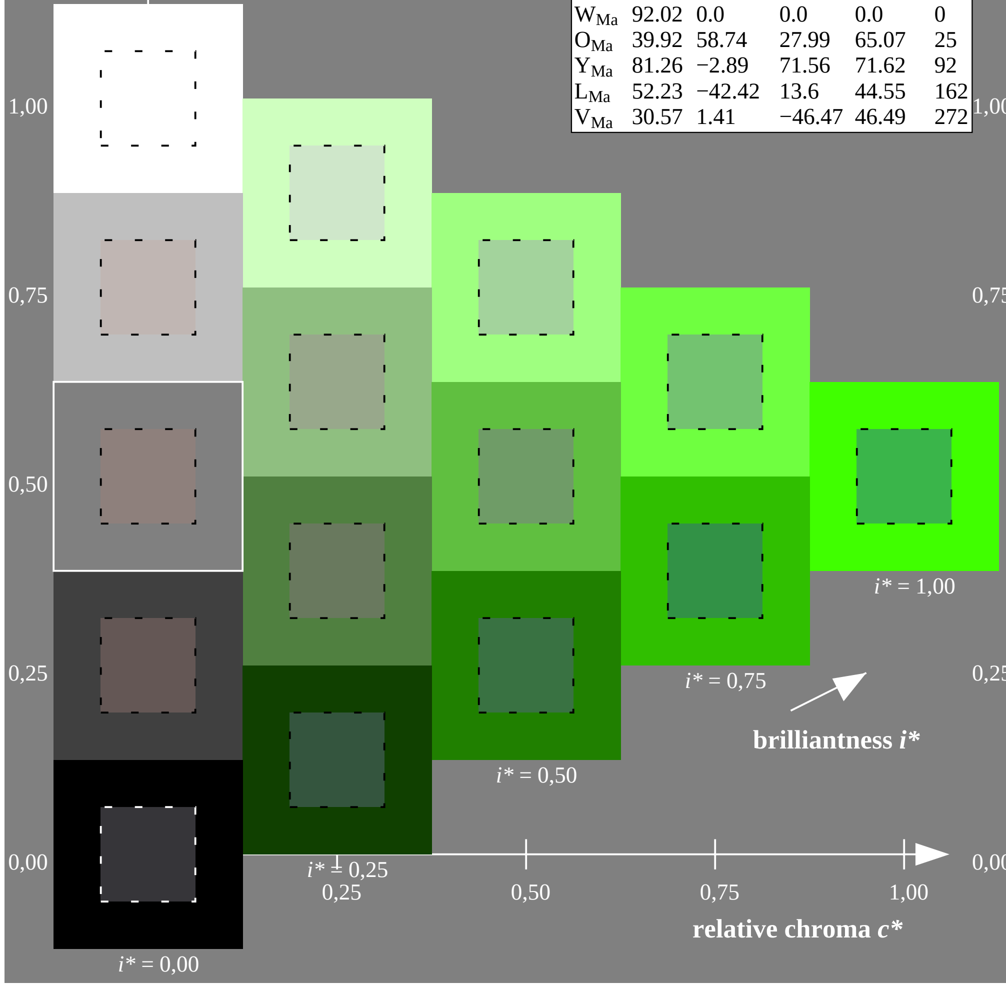


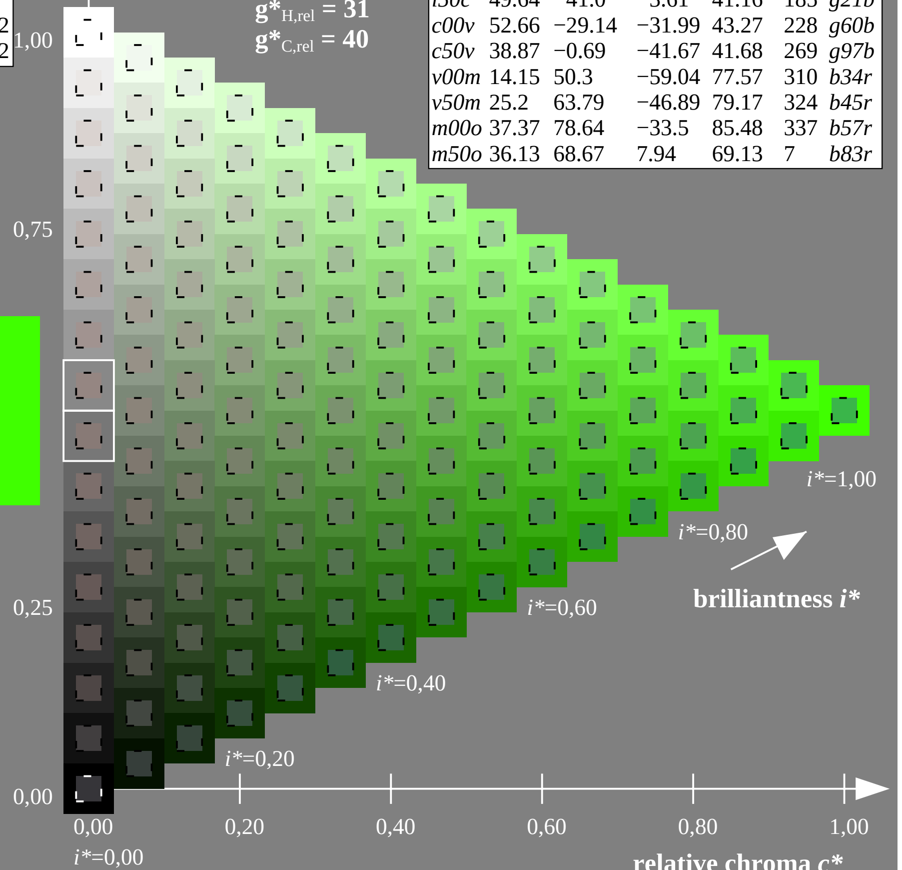
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 52 −51 61
$LAB^*LCH^*_{Ma}$: 52 79 129
$lab^*olv^*_{Ma}$: 0.25 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



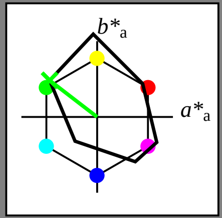


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$ **$u^*_d = l00c$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

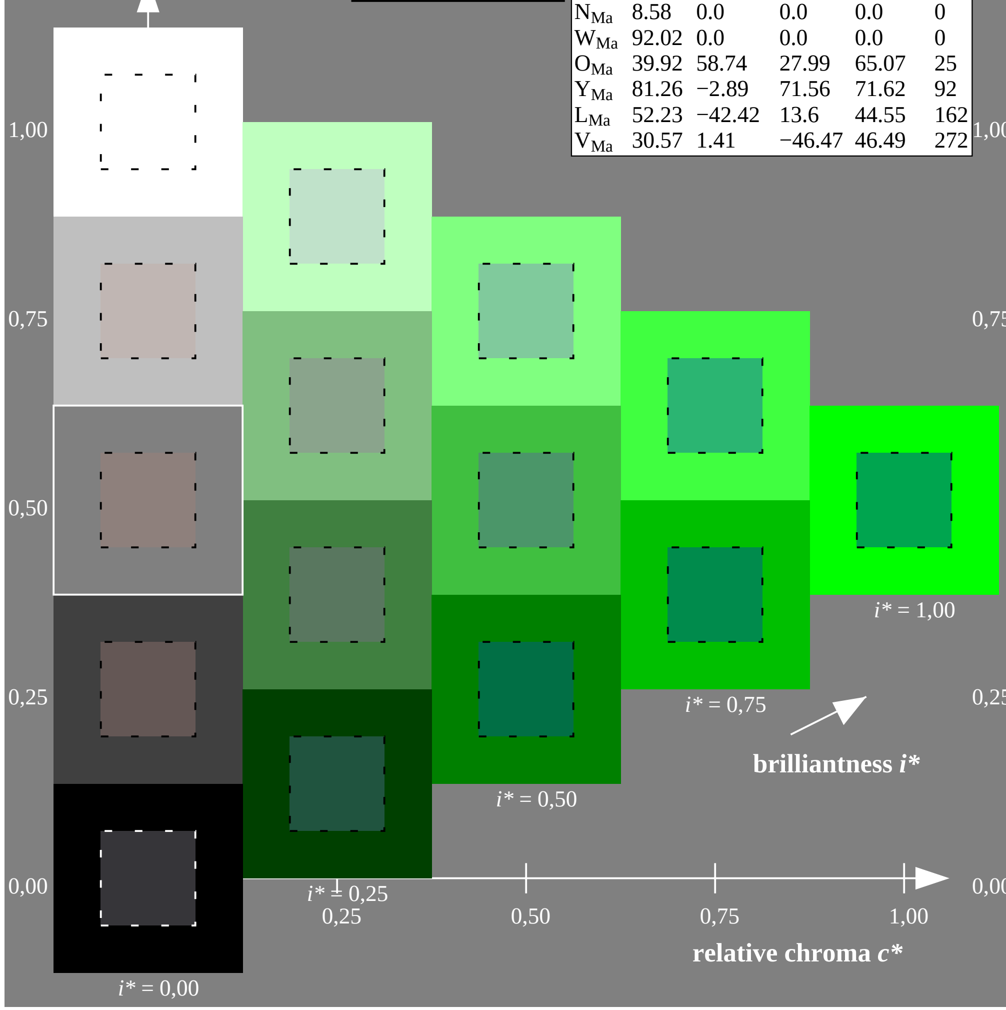
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

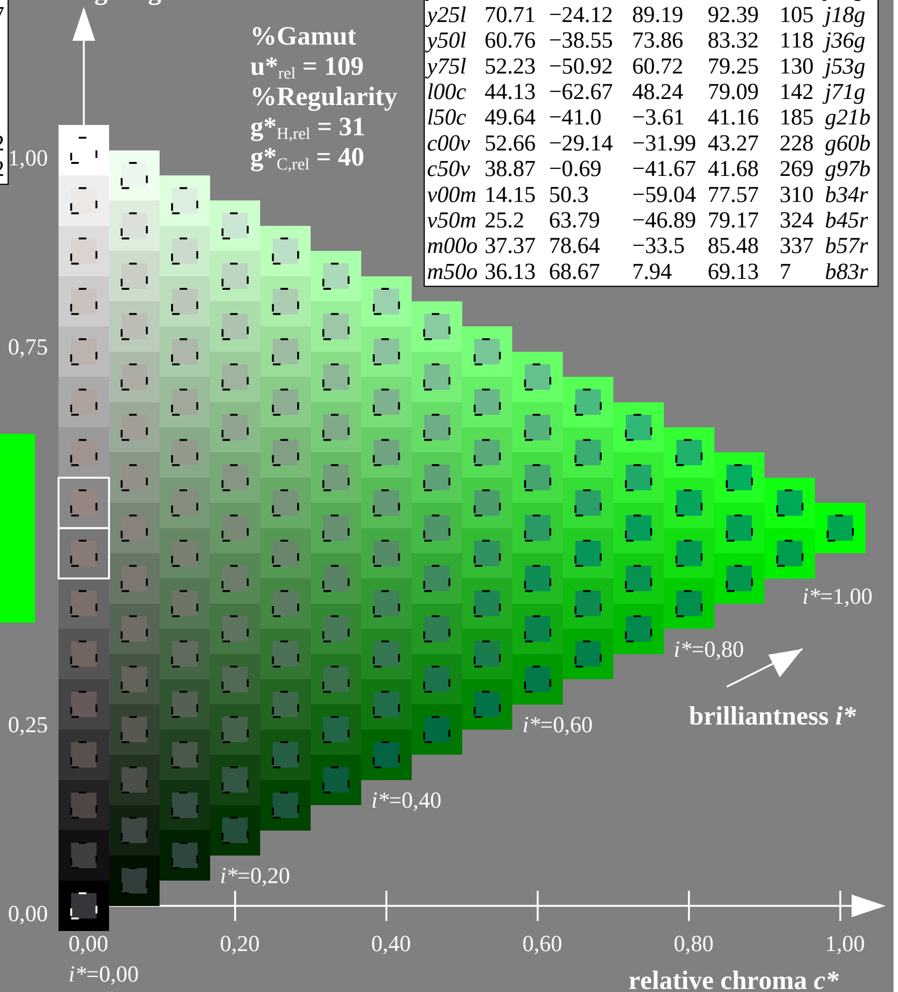
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 44 −63 48**
***LAB*LCH**$_{Ma}$: 44 79 142**
***lab*olv**$_{Ma}$: 0.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.28 1.0 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



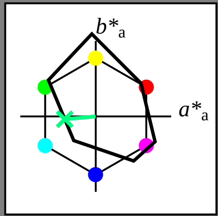


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$ ***u^*_d = l50c***

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = l50c *u^*_e = g21b*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

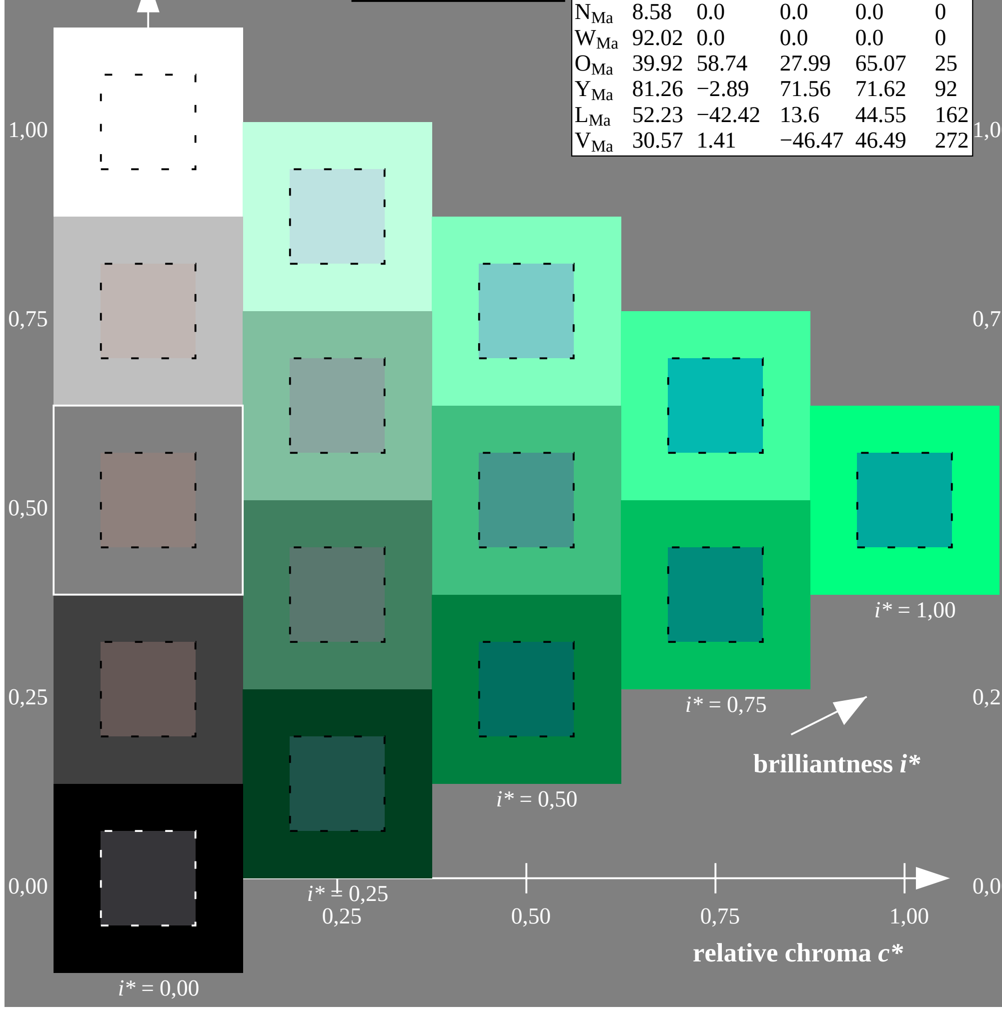


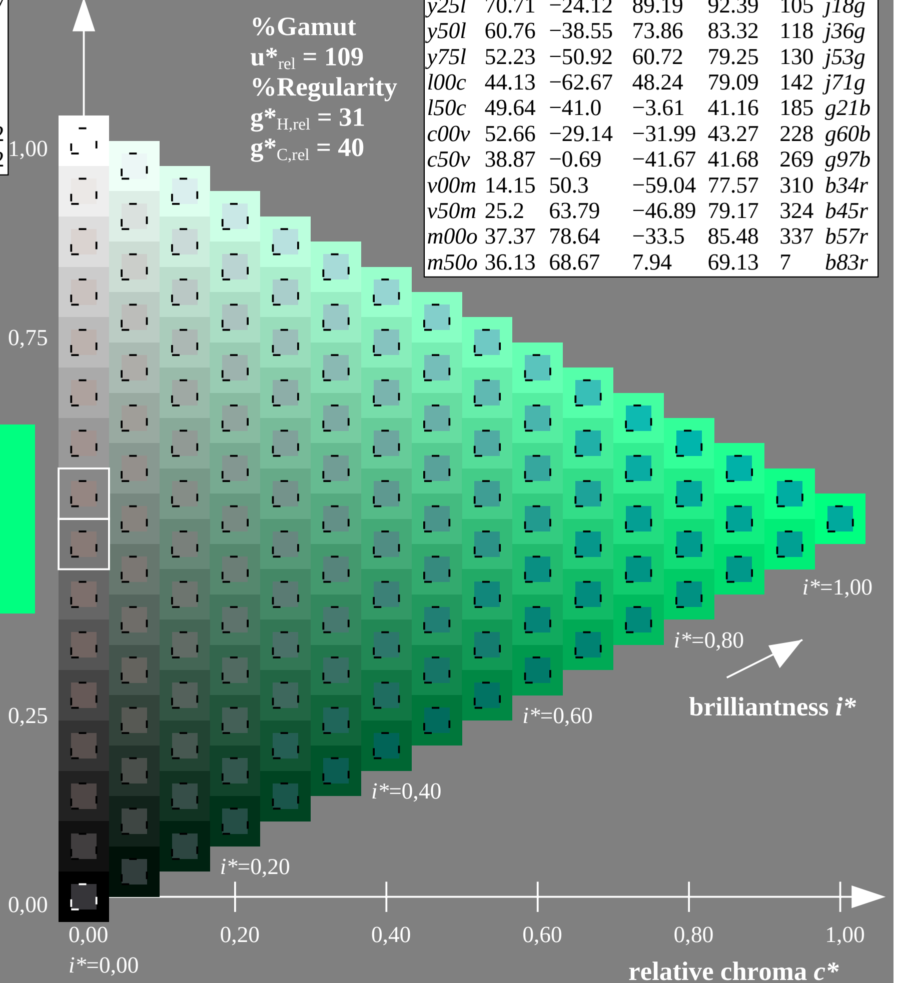
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 50 −41 −4**
***LAB*LCH**$_{Ma}$: 50 41 185**
***lab*olv**$_{Ma}$: 0.0 1.0 0.5**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.42**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

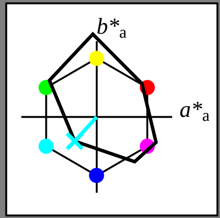
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: no change compared to input

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$ **$u^*_d = c00v$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

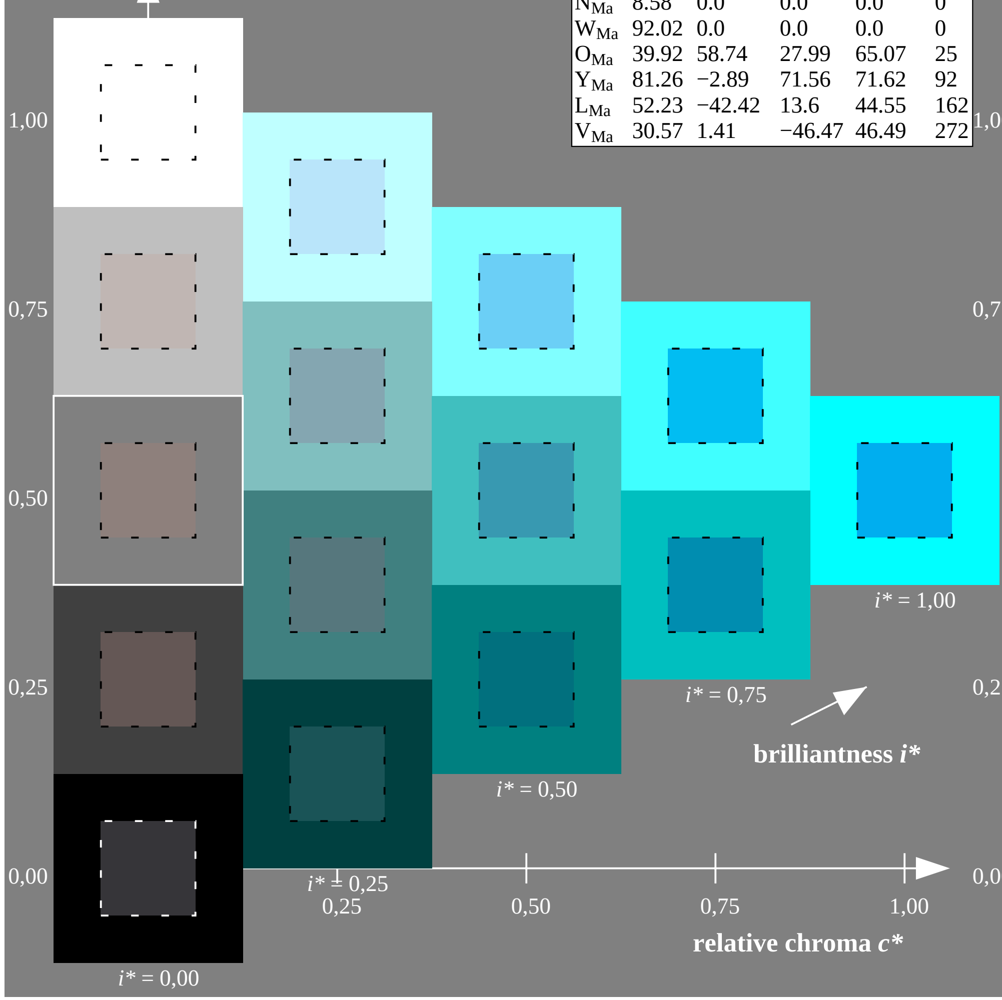


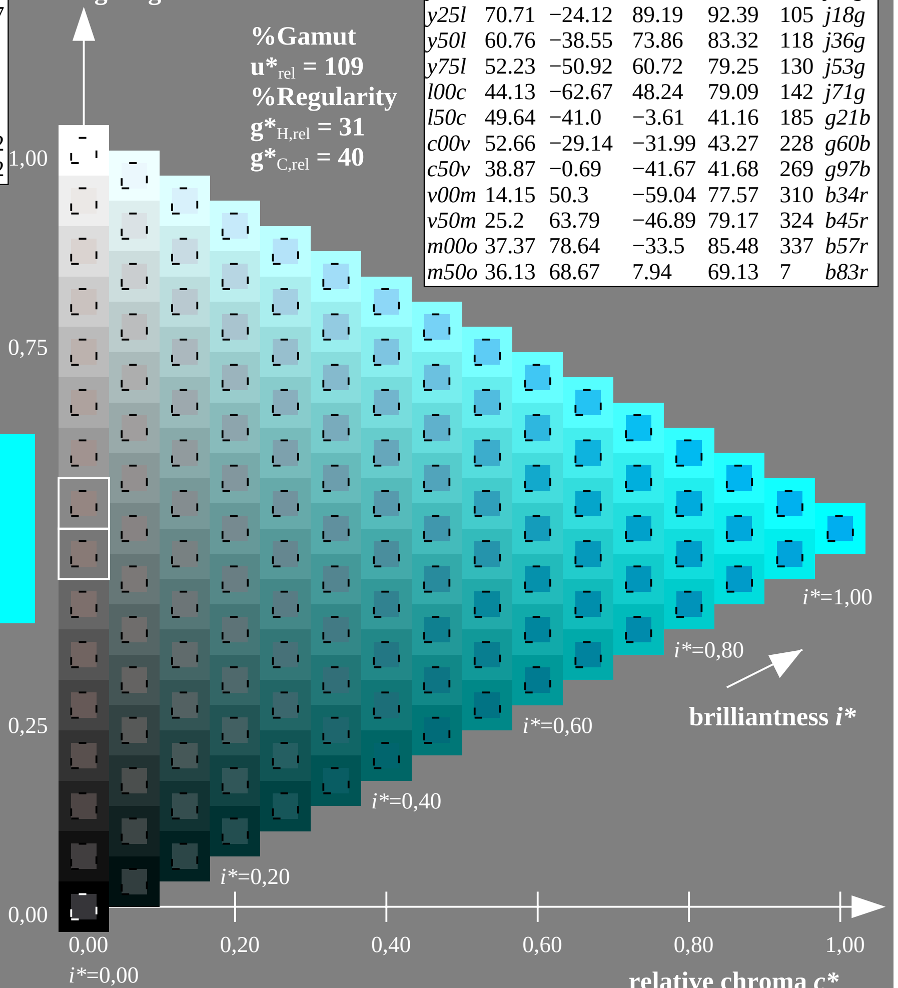
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 53 −29 −32**
***$LAB^*LCH^*_{Ma}$*: 53 43 227**
***$lab^*olv^*_{Ma}$*: 0.0 1.0 1.0**
***$lab^*rgb^*_{Ma}$*: 0.0 0.8 1.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



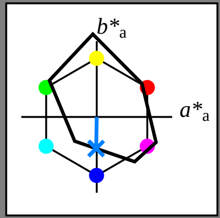


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: no change compared to input

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$ **$u^*_d = c50v$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

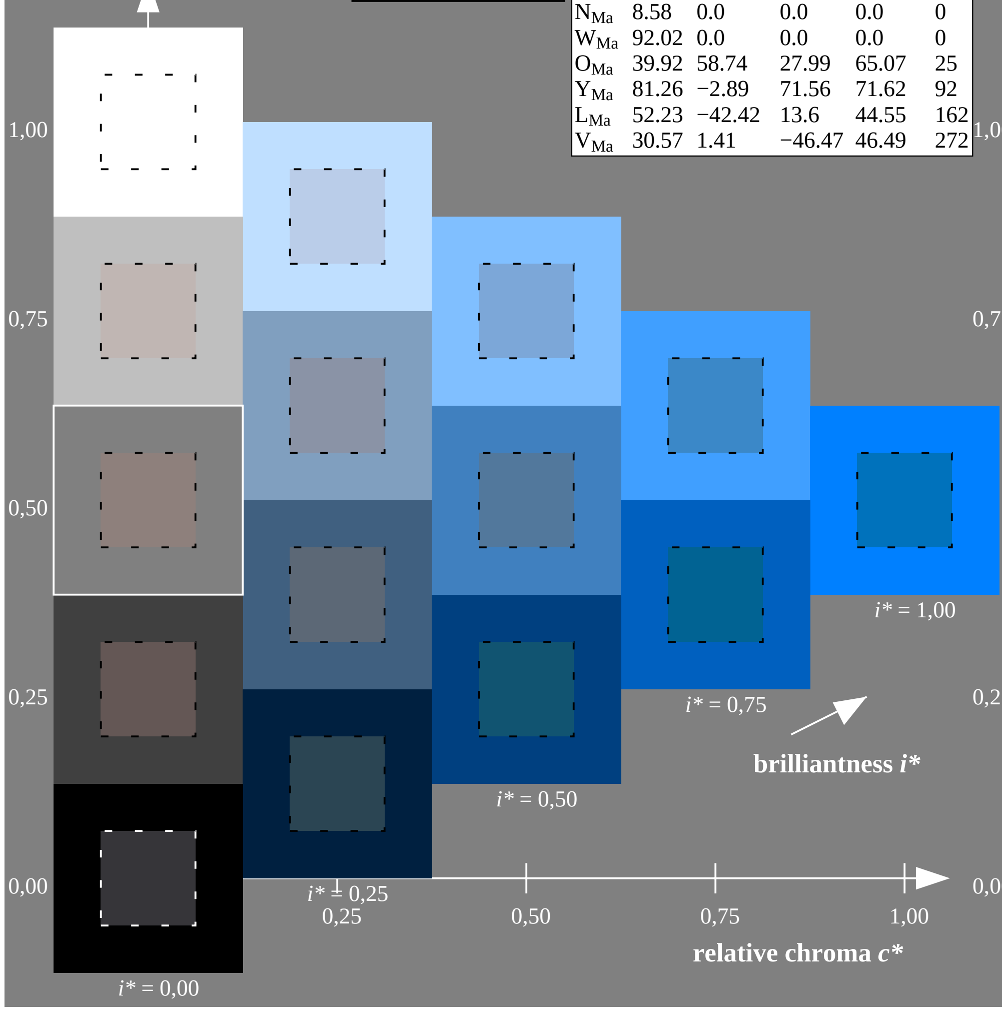


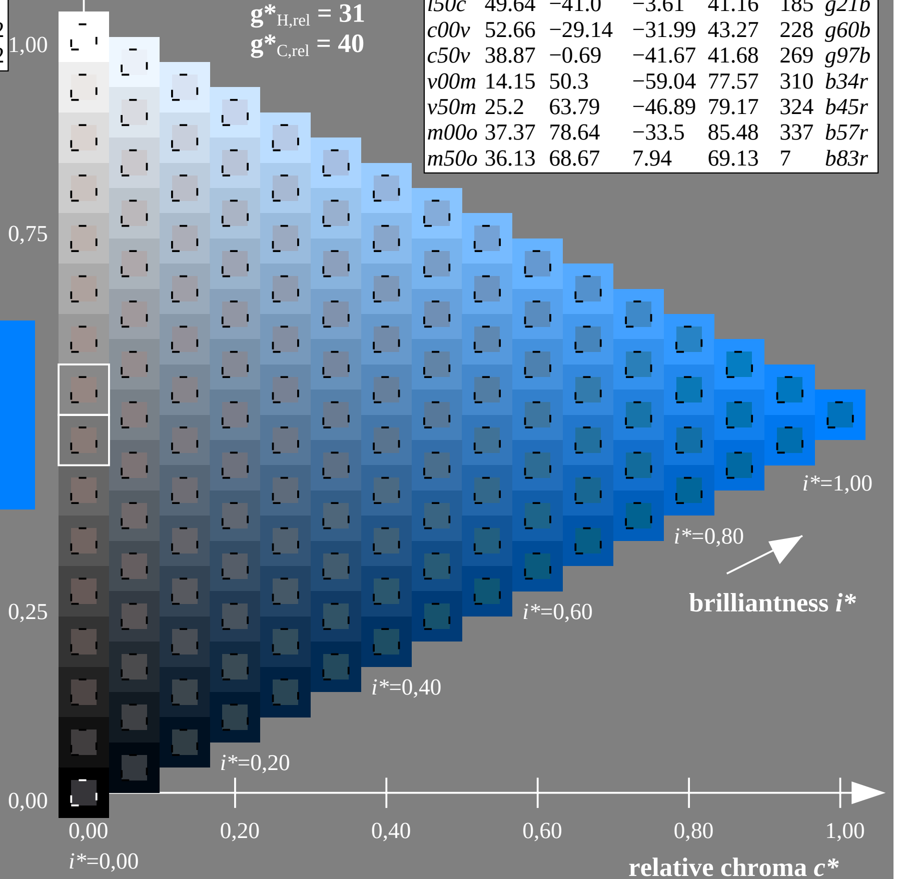
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 39 −1 −42**
***LAB*LCH**$_{Ma}$: 39 42 269**
***lab*olv**$_{Ma}$: 0.0 0.5 1.0**
***lab*rgb**$_{Ma}$: 0.0 0.05 1.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



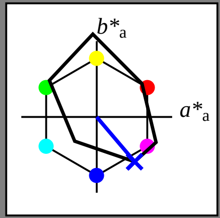


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$ **$u^*_d = v00m$**

data for any colour:
lab^*tch^* and lab^*icu^*
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

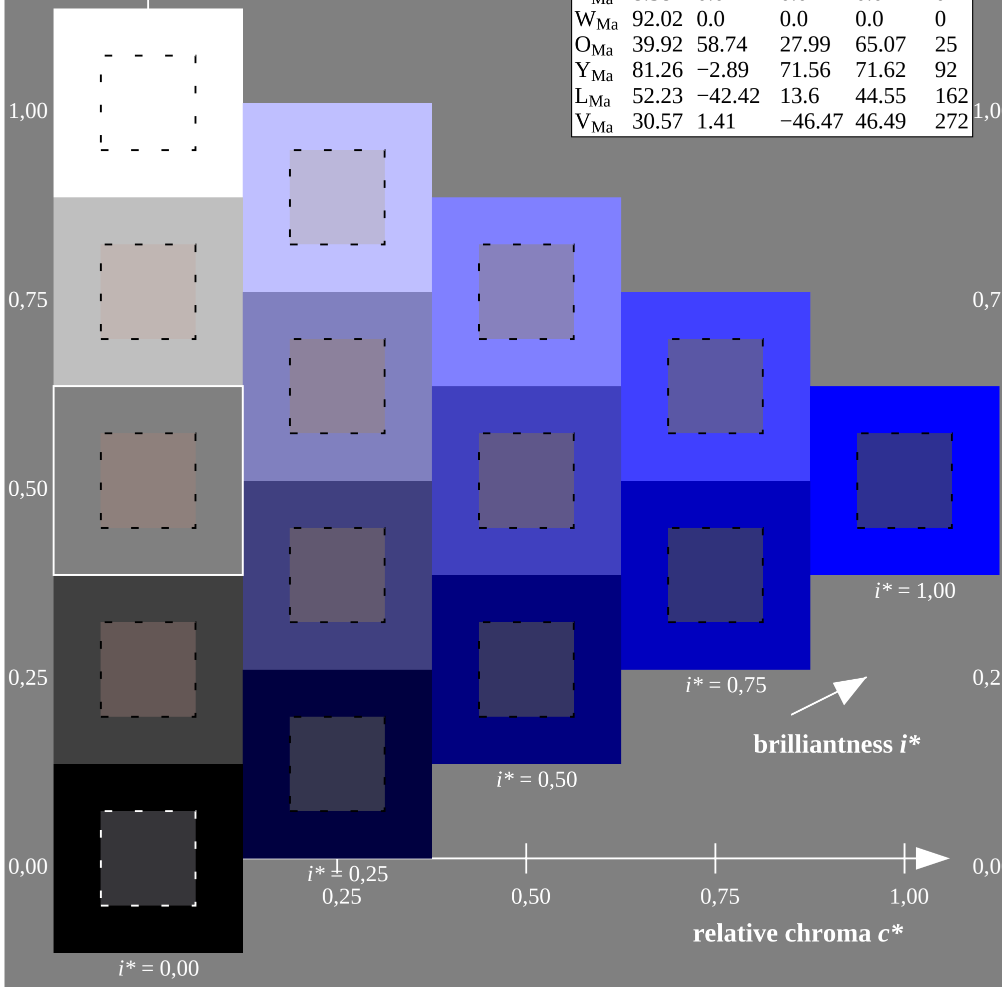


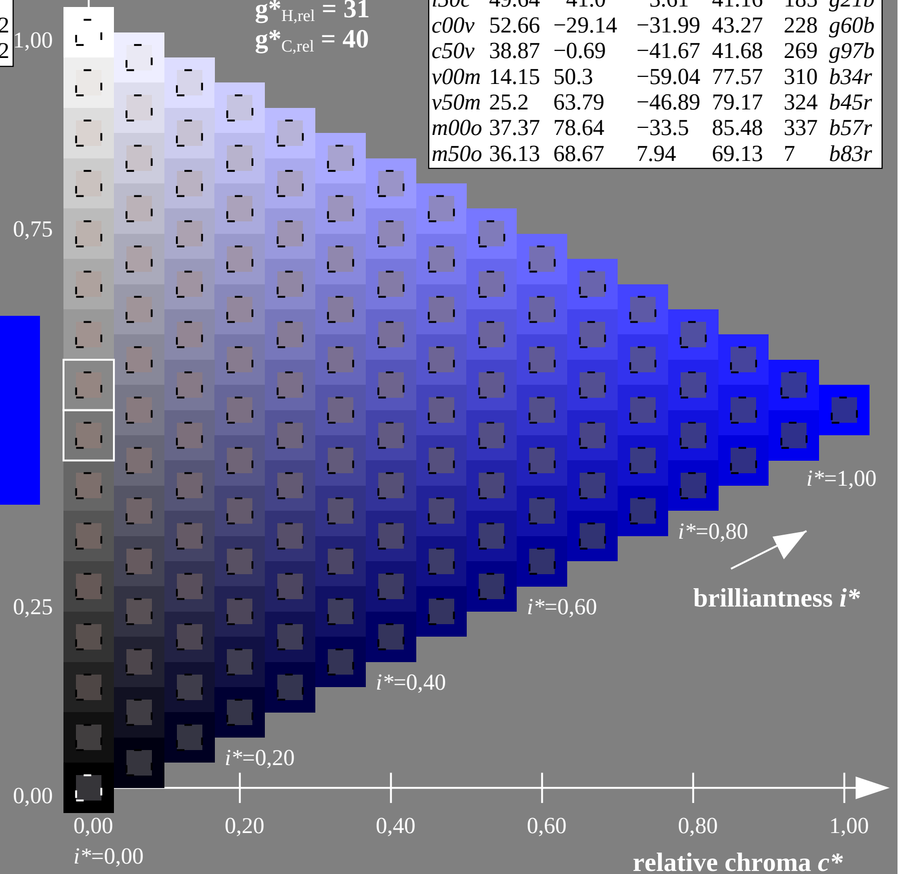
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 14 50 −59
$LAB^*LCH^*_{Ma}$: 14 78 310
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

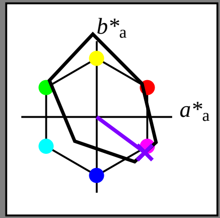
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: no change compared to input

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$ ***$u^*_d = v50m$***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****

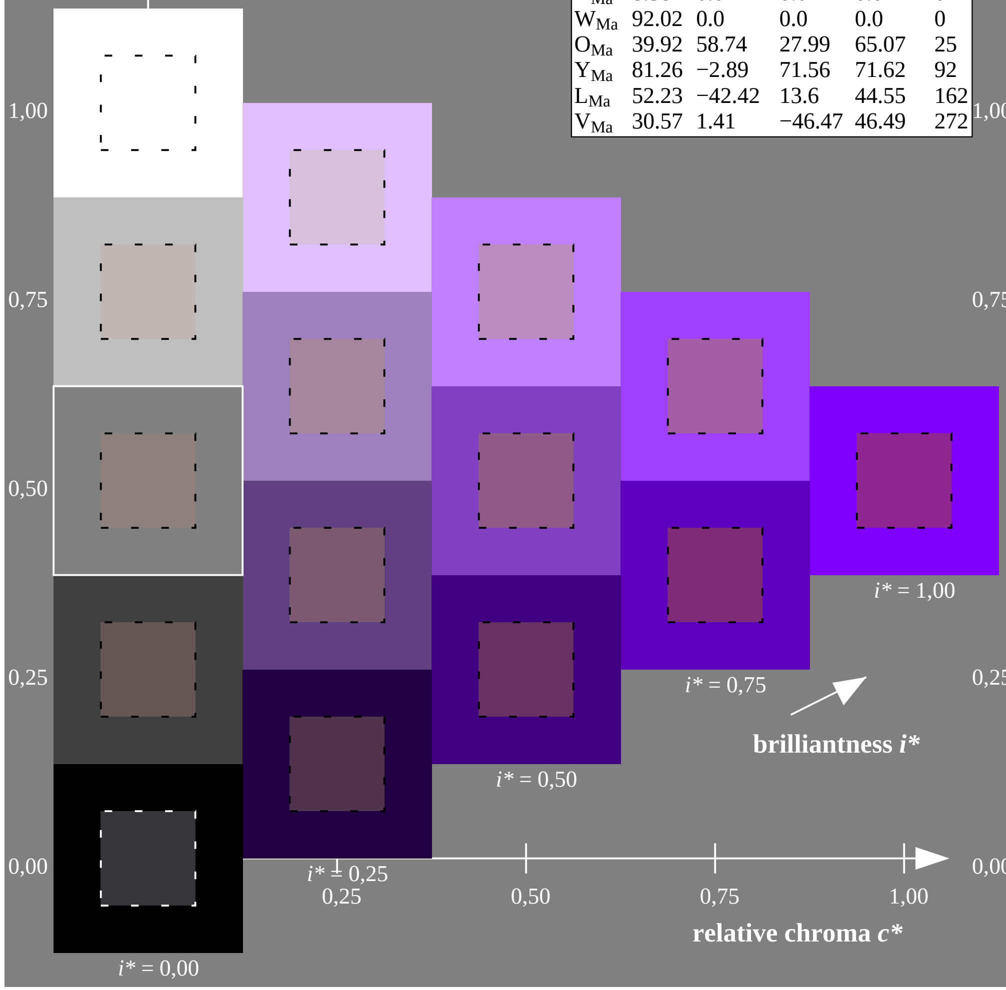


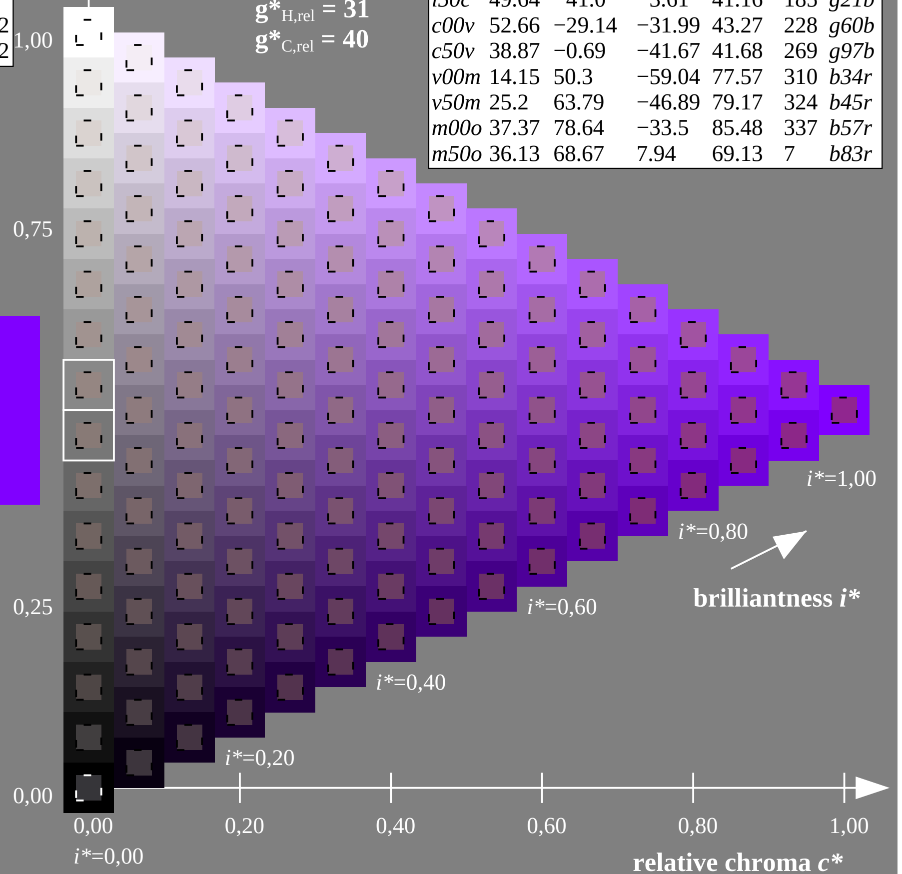
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 25 64 −47**
***$LAB^*LCH^*_{Ma}$*: 25 79 323**
***$lab^*olv^*_{Ma}$*: 0.5 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 0.91 0.0 1.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





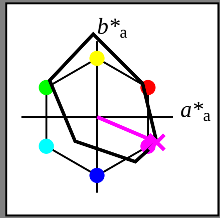
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: no change compared to input

www.ps.bam.de/Ee40/10L/L40E00NP.PS/ .PDF; FRS09_92a; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$ **$u^*_d = m00o$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

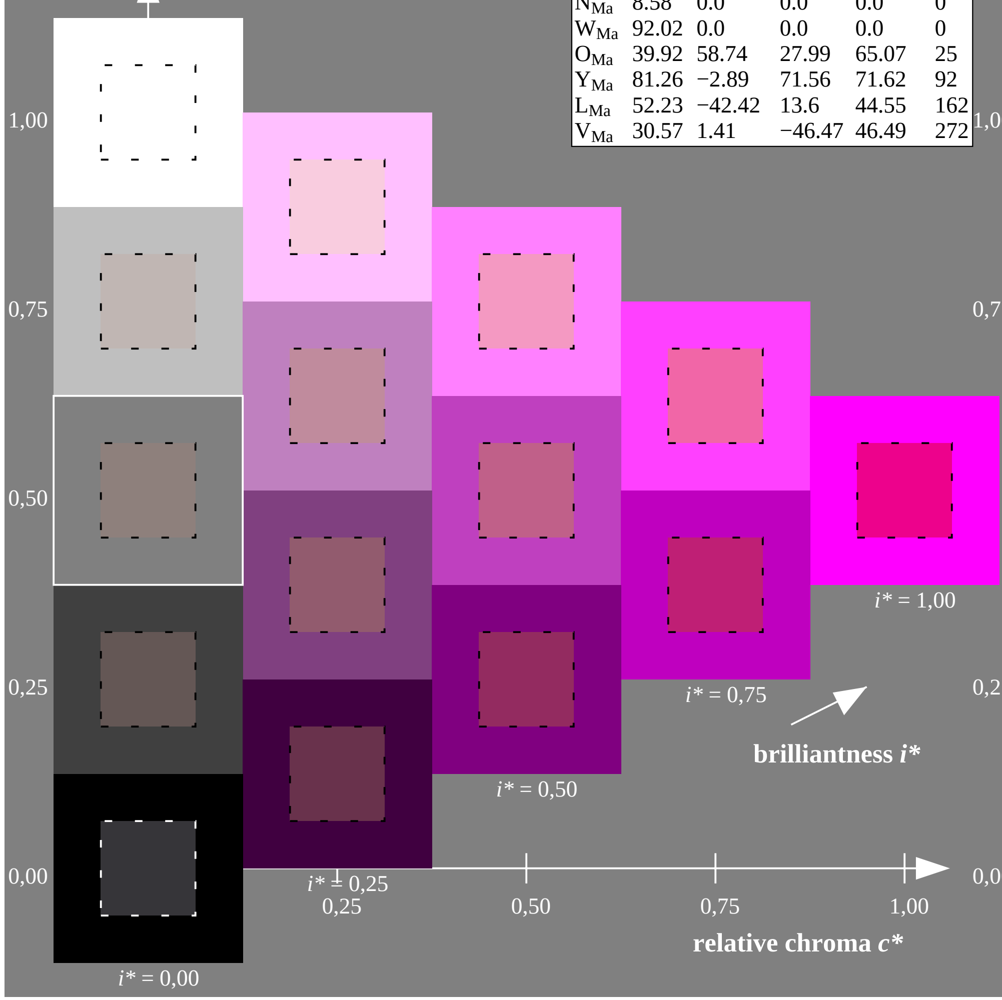
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

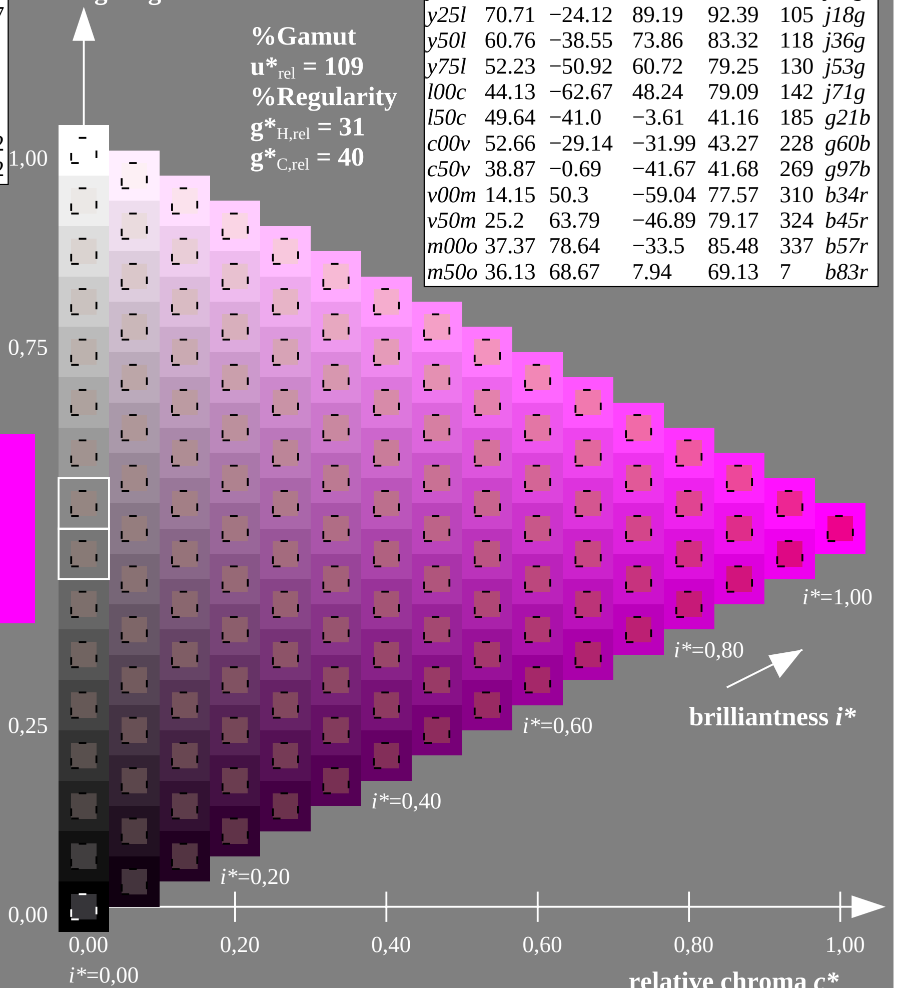
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 37 79 −34**
***LAB*LCH**$_{Ma}$: 37 85 336**
***lab*olv**$_{Ma}$: 1.0 0.0 1.0**
***lab*rgb**$_{Ma}$: 1.0 0.0 0.85**
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





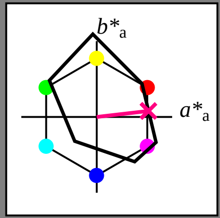
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: no change compared to input

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$ $u^*_d = m50o$

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

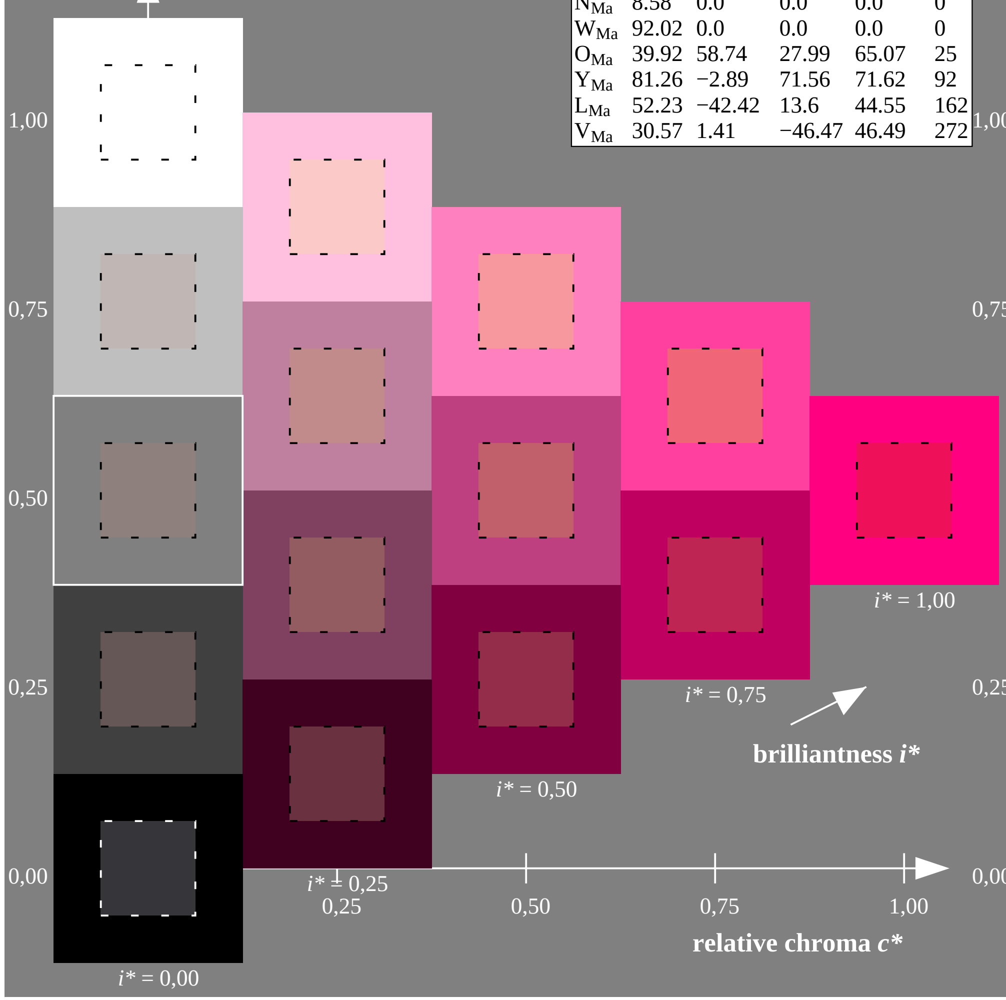


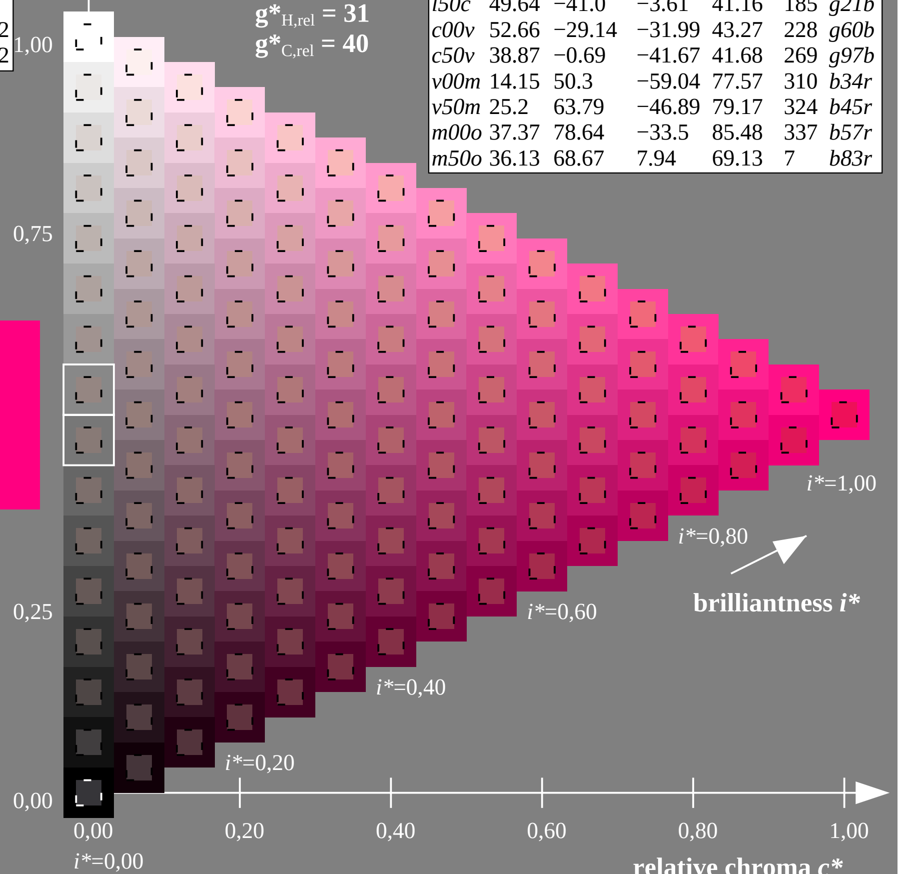
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 36 69 8**
LAB*LCH*$_{Ma}$**: 36 69 6**
lab*olv*$_{Ma}$**: 1.0 0.0 0.5**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.33**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



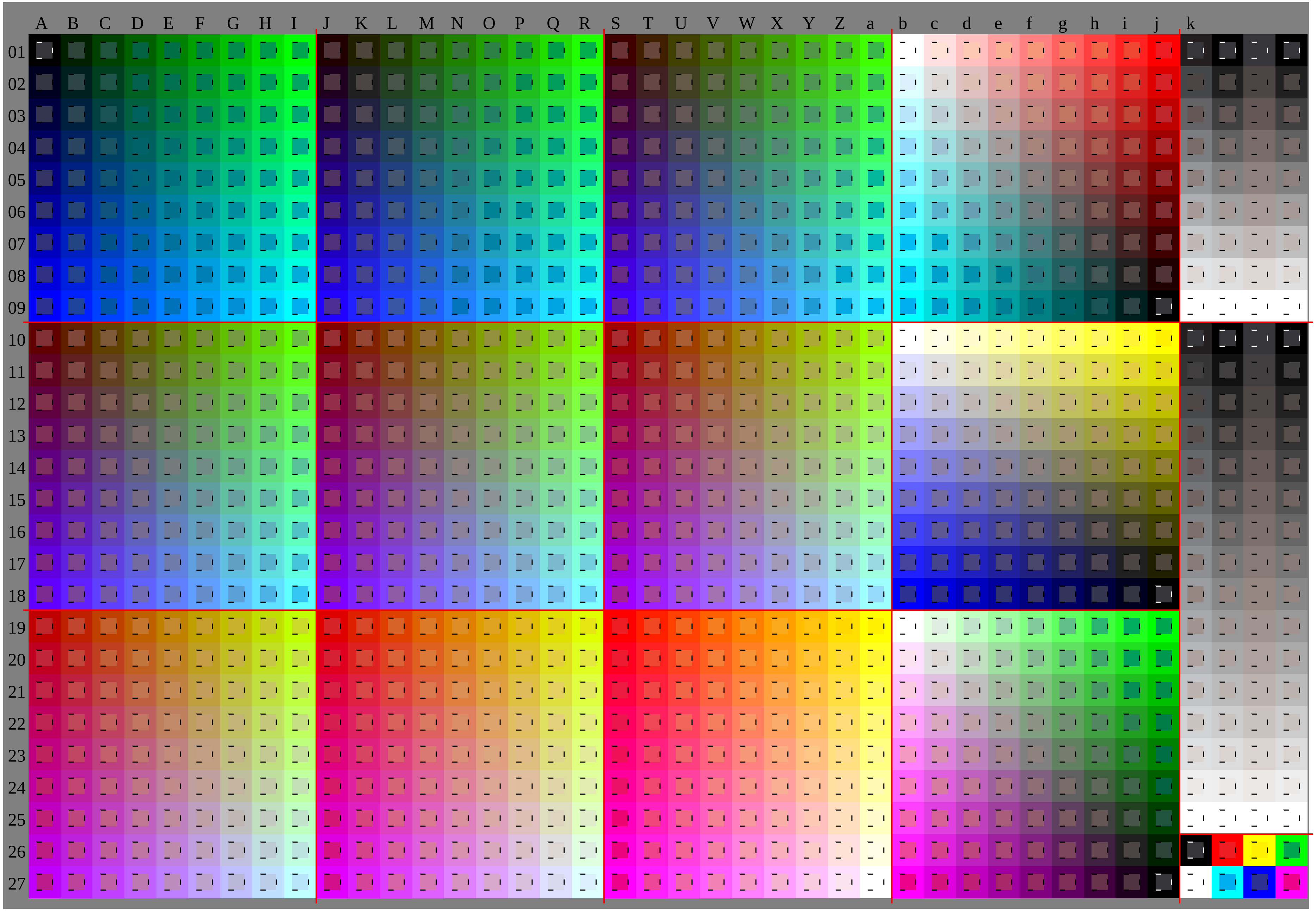


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: no change compared to input

www.ps.bam.de/Ee40/10L/L40E00NP.PS/ .PDF; FRS09_92a; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)



See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

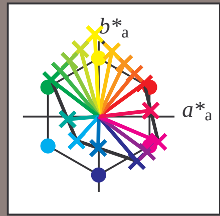
BAM-test chart Ee40; Colorimetric systems, Page 18/270
3 separations and 9 data tables for 16 hues *o00y* to *m75o*

input: *000n / w / nnn0 / www set...*
output: no change compared to input

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

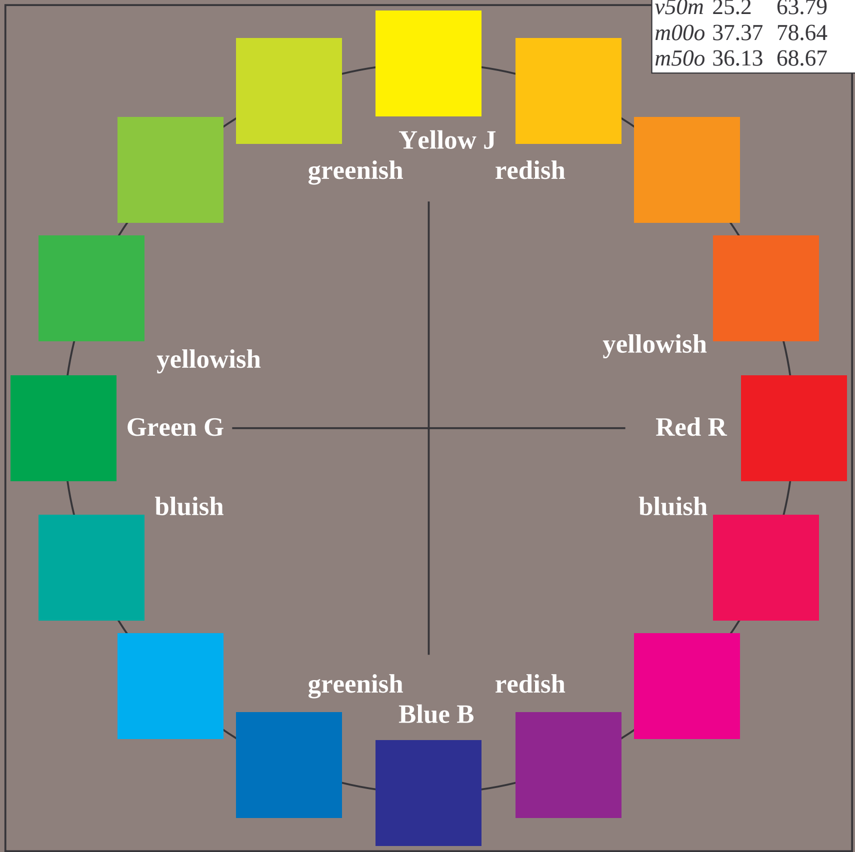
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

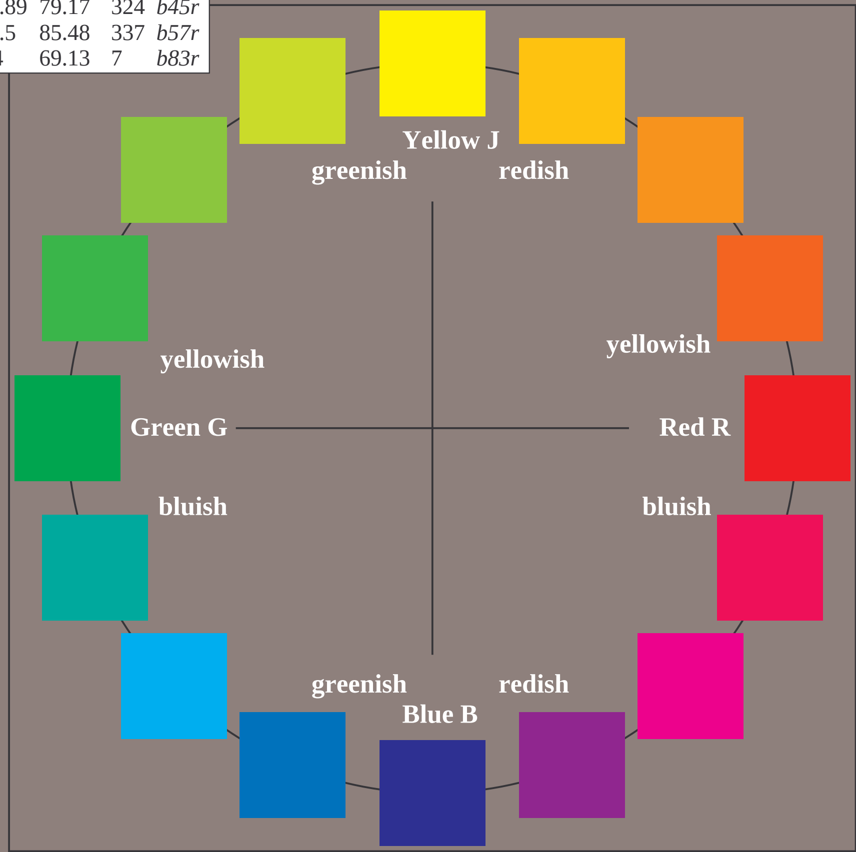


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





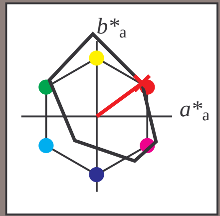
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

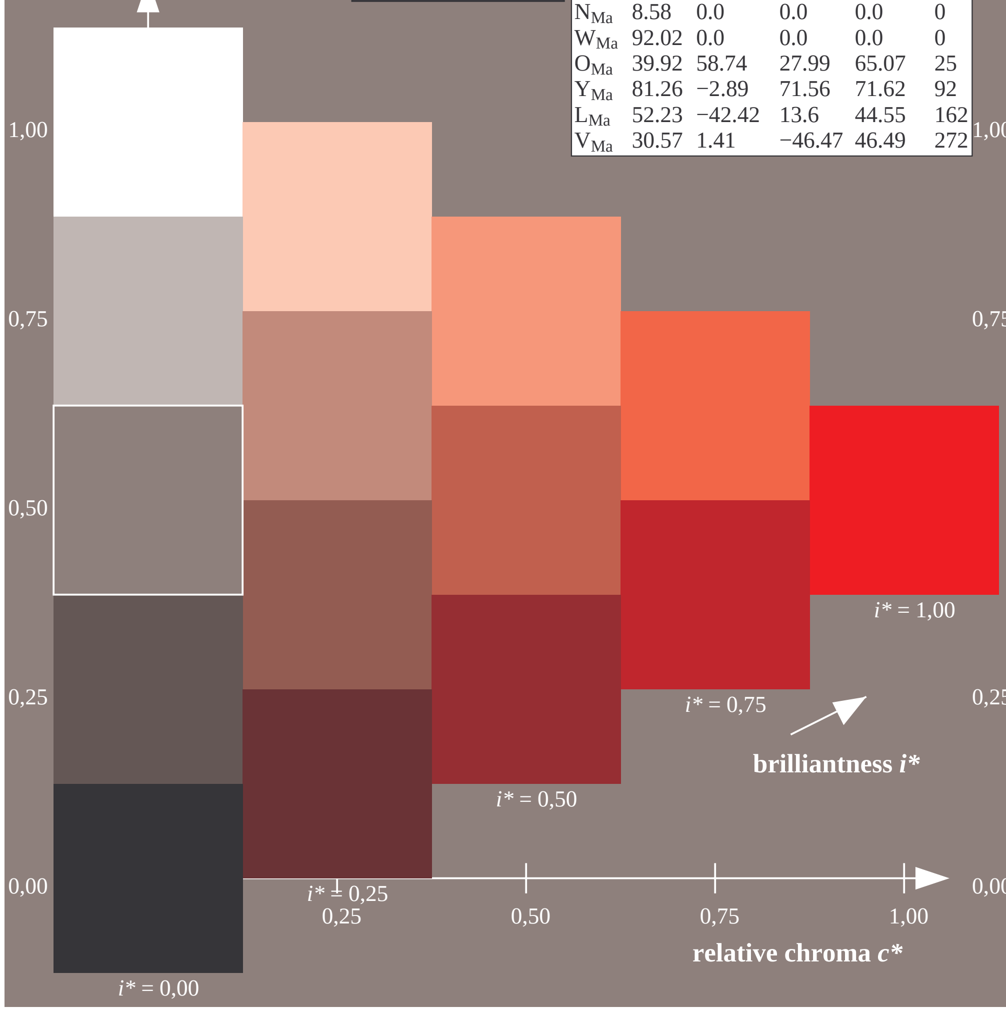
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$ *u^*_d = o00y*

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o00y *u^*_e = r16j*
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



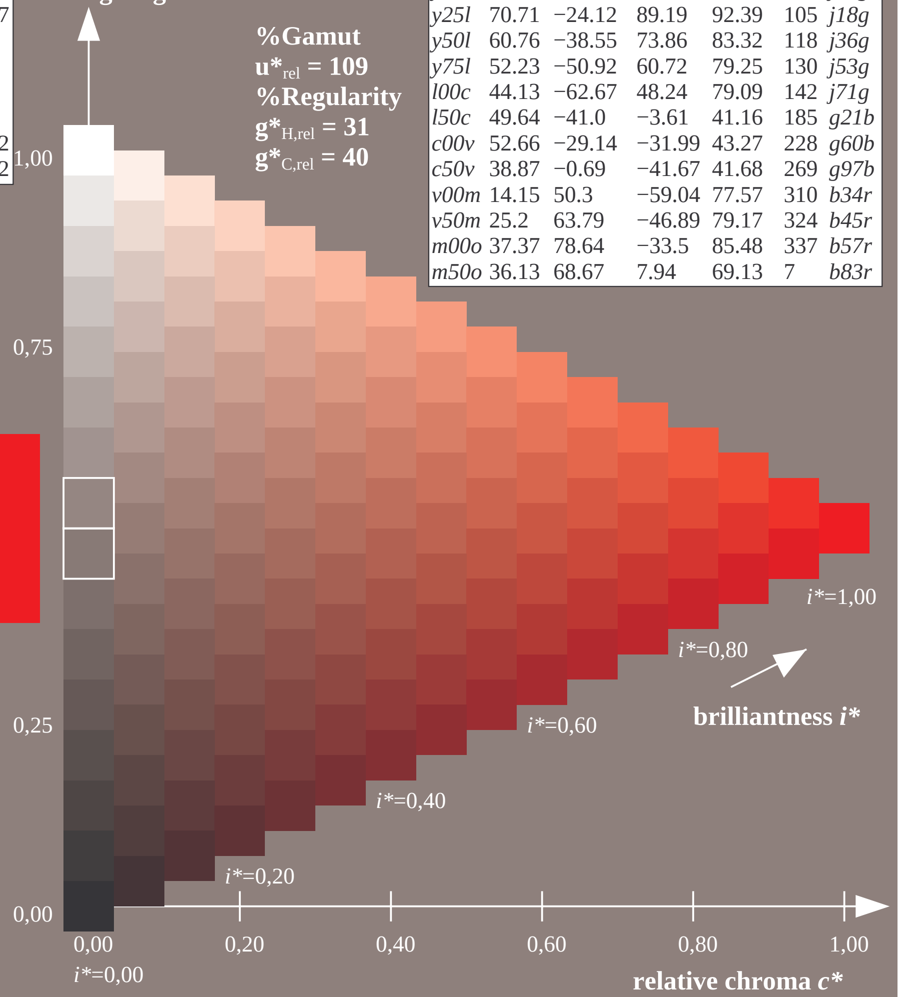
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 35 60 44**
***LAB*LCH**$_{Ma}$: 35 74 36**
***lab*olv**$_{Ma}$: 1.0 0.0 0.0**
***lab*rgb**$_{Ma}$: 1.0 0.16 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

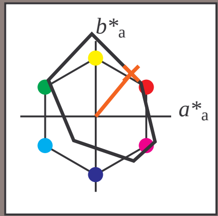
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$ $u^*_d = o25y$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o25y$ $u^*_e = r37j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

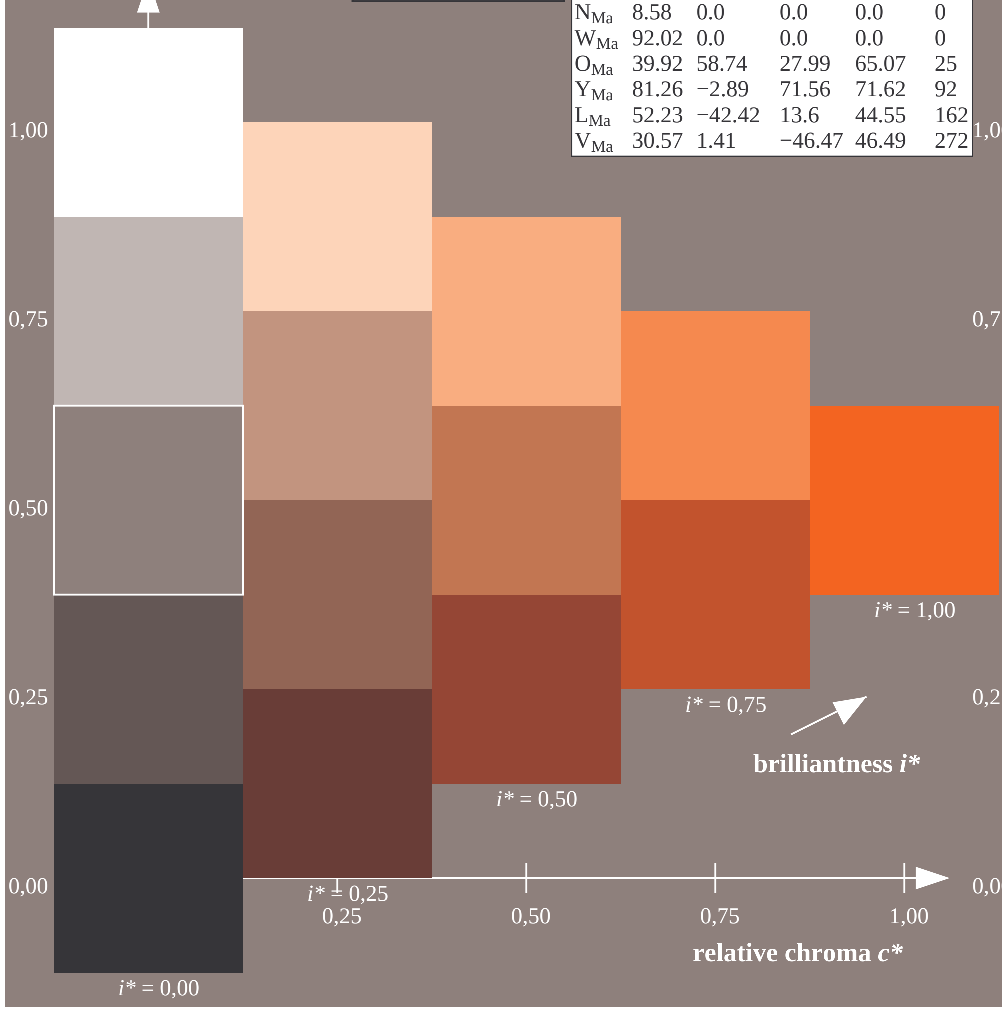


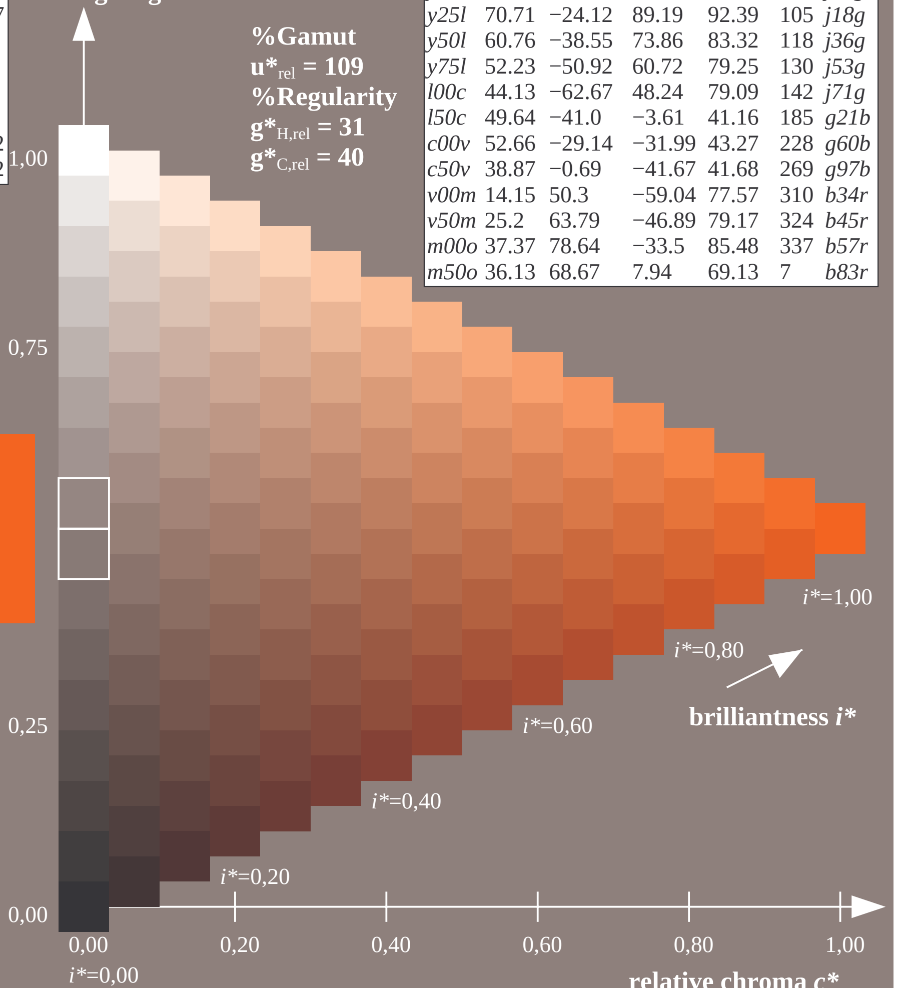
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 45 47 57**
***LAB*LCH*$_{Ma}$*: 45 74 50**
***lab*olv*$_{Ma}$*: 1.0 0.25 0.0**
***lab*rgb*$_{Ma}$*: 1.0 0.37 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



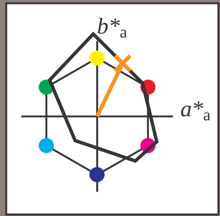


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$ *$u^*_d = o50y$*

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o50y$ $u^*_e = r58j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

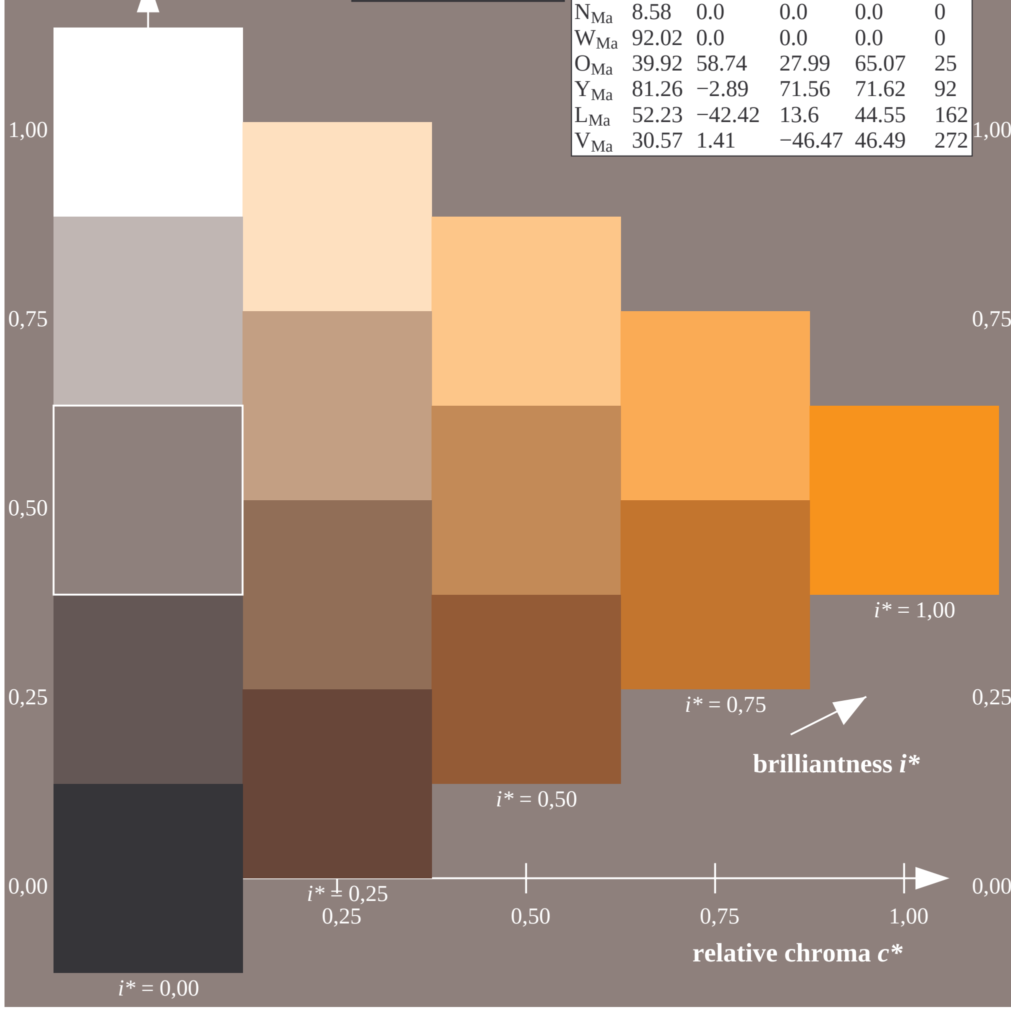


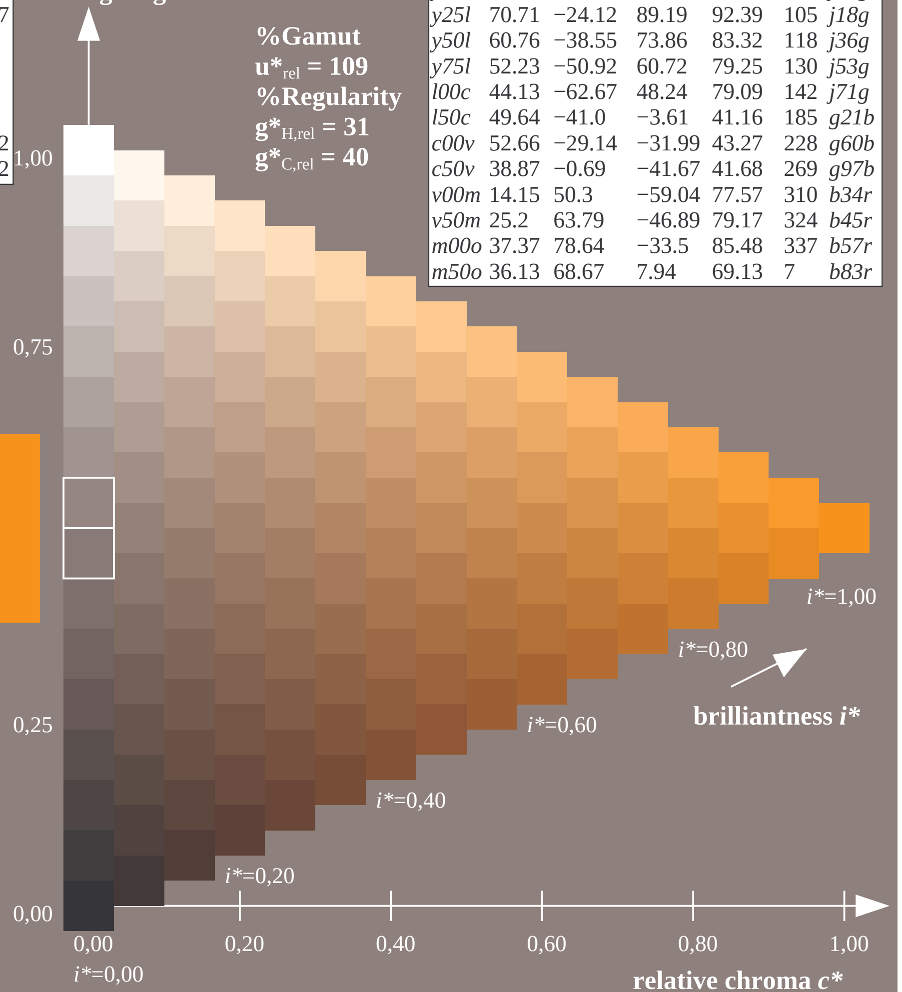
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: **55 34 70**
$LAB^*LCH^*_{Ma}$: **55 78 64**
$lab^*olv^*_{Ma}$: **1.0 0.5 0.0**
$lab^*rgb^*_{Ma}$: **1.0 0.58 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





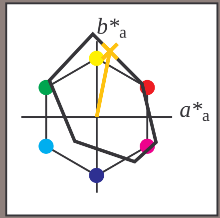
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$ $u^*_d = o75y$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r79j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

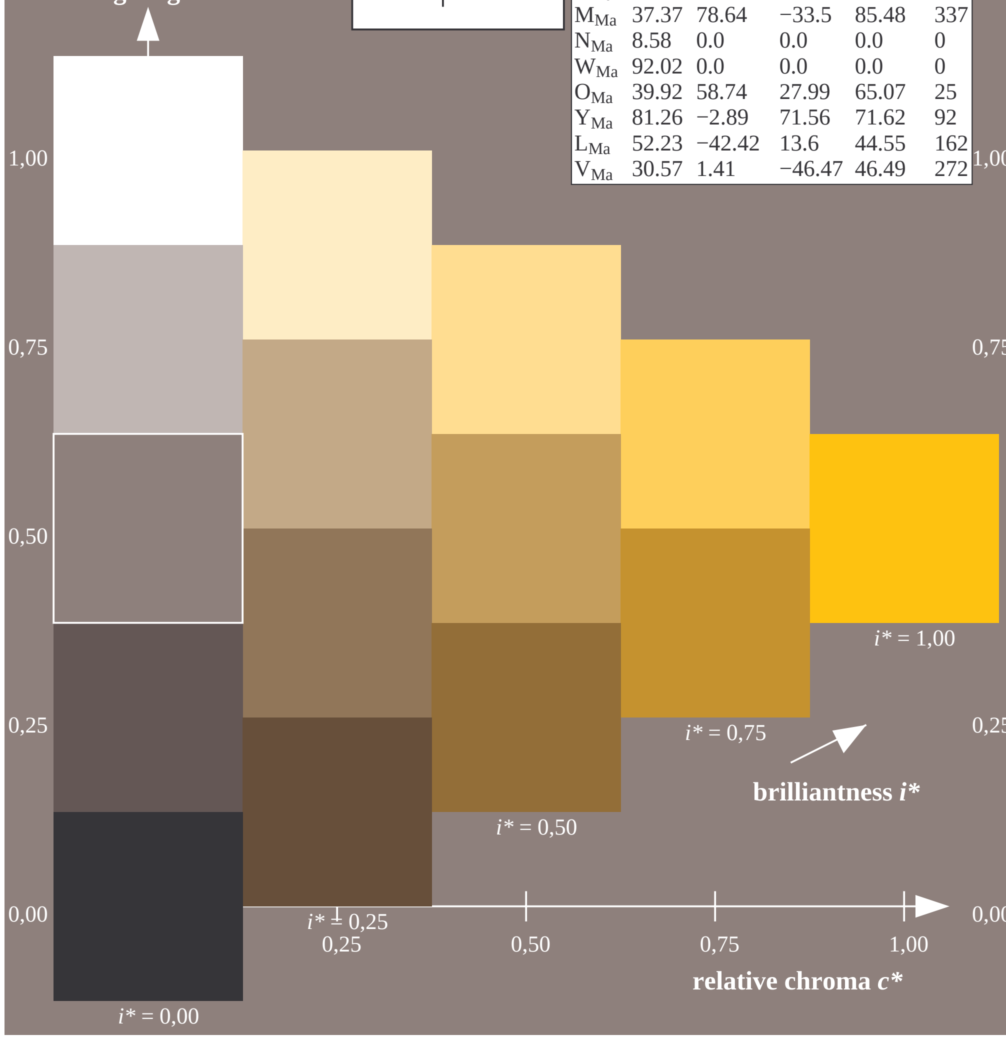


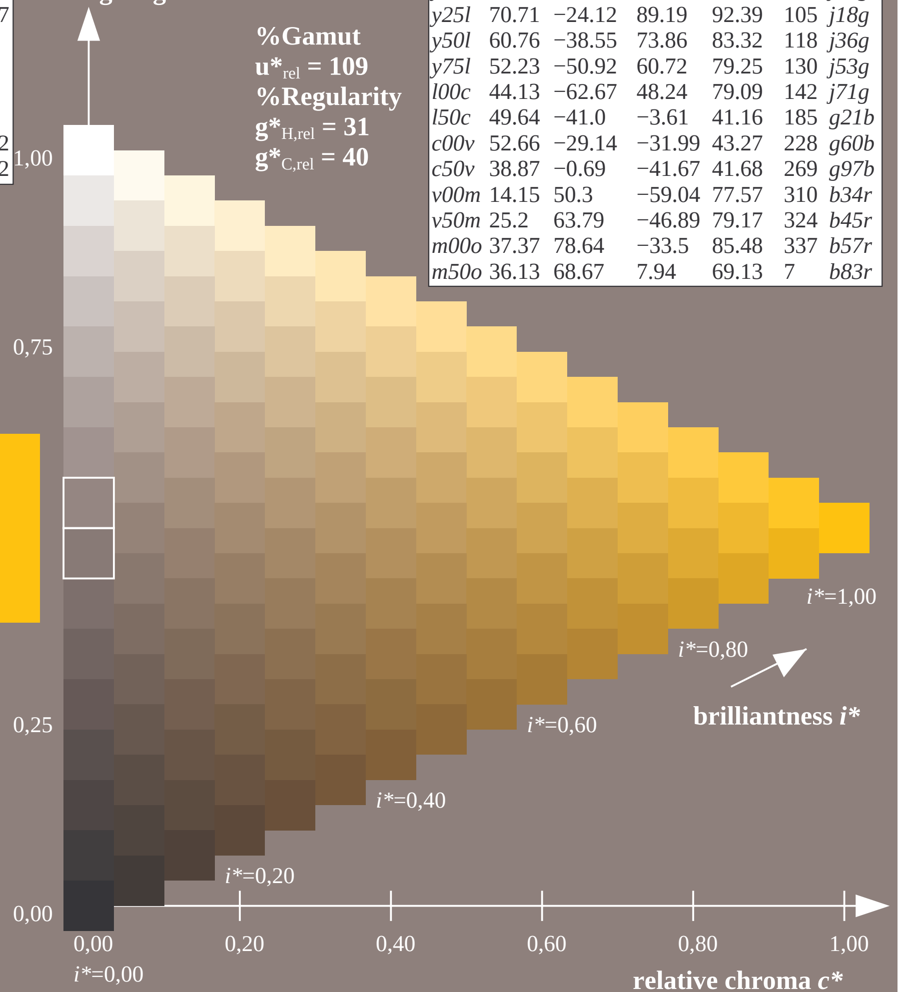
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 67 17 87
*LAB*LCH**$_{Ma}$: 67 88 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.79 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



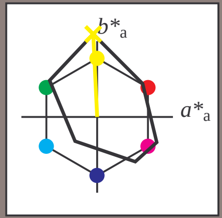


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$ *$u^*_d = y00l$*

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

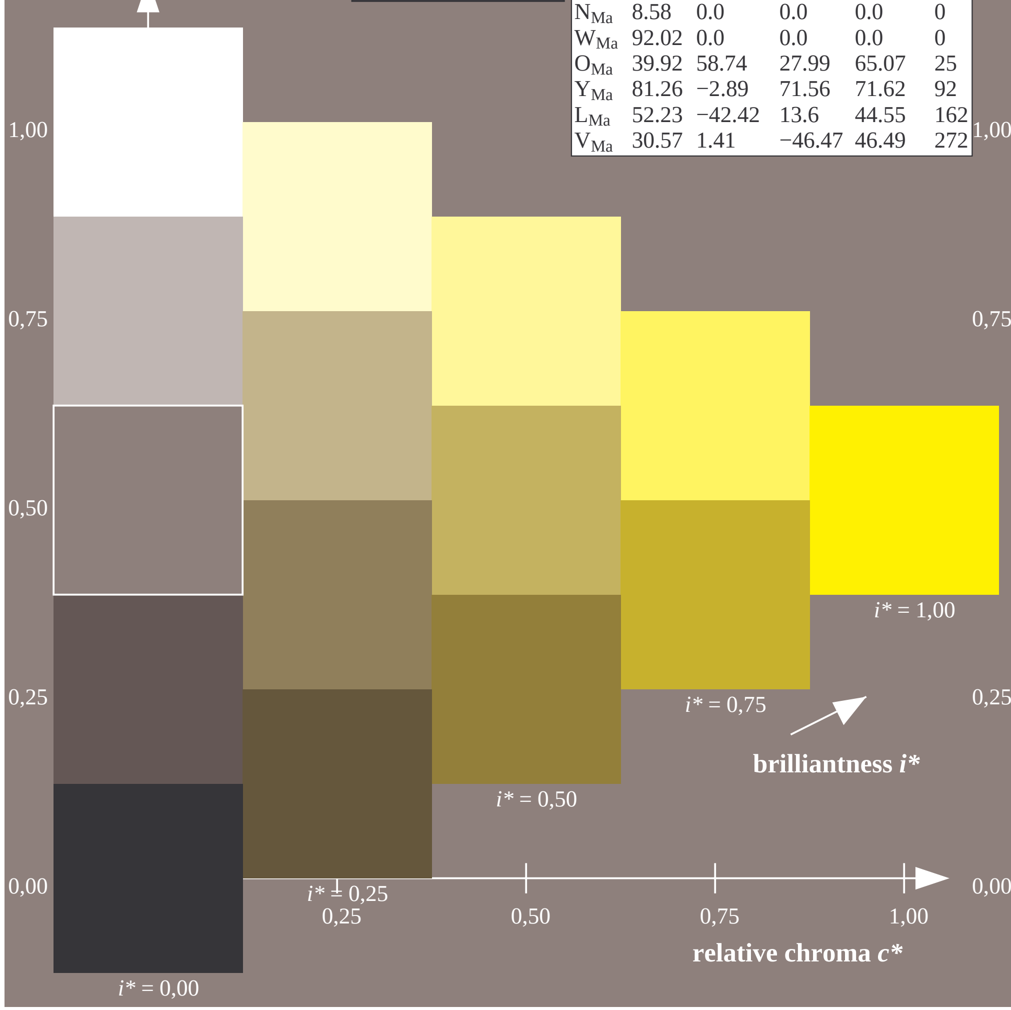


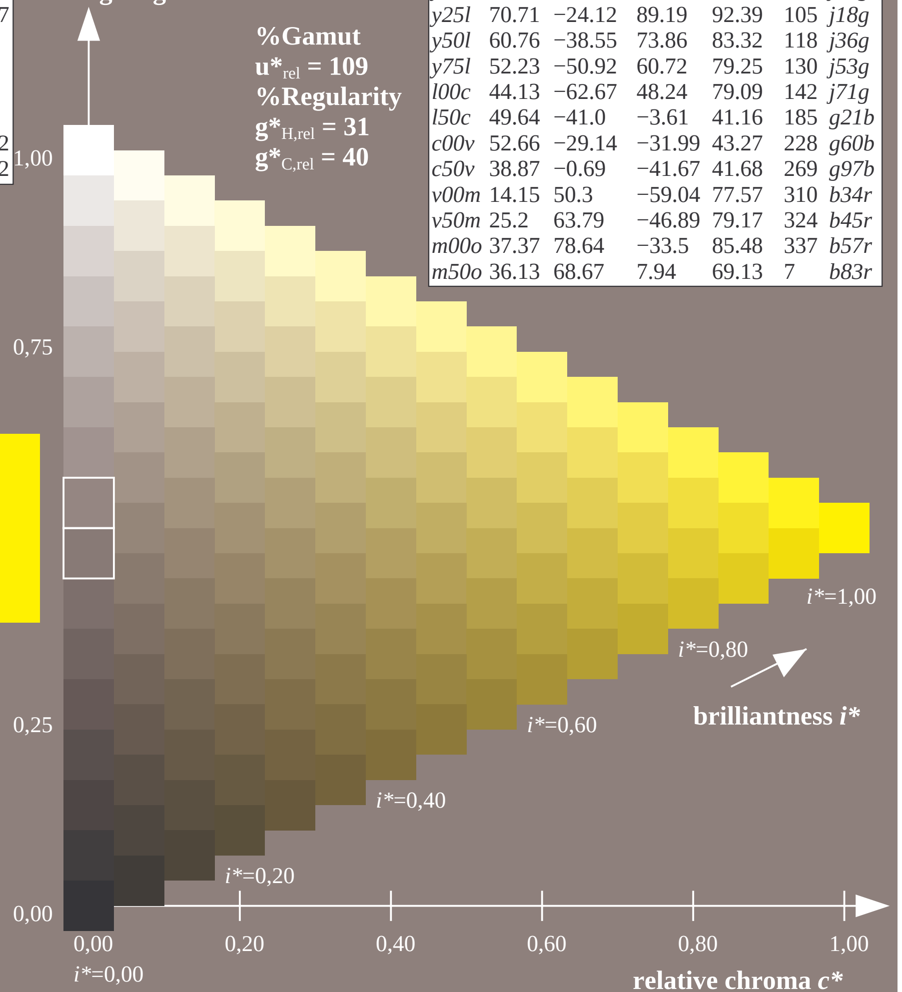
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 84 −5 109**
LAB*LCH*$_{Ma}$**: 84 109 92**
lab*olv*$_{Ma}$**: 1.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.99 1.0 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





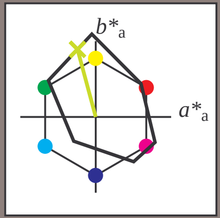
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$ $u^*_d = y25l$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

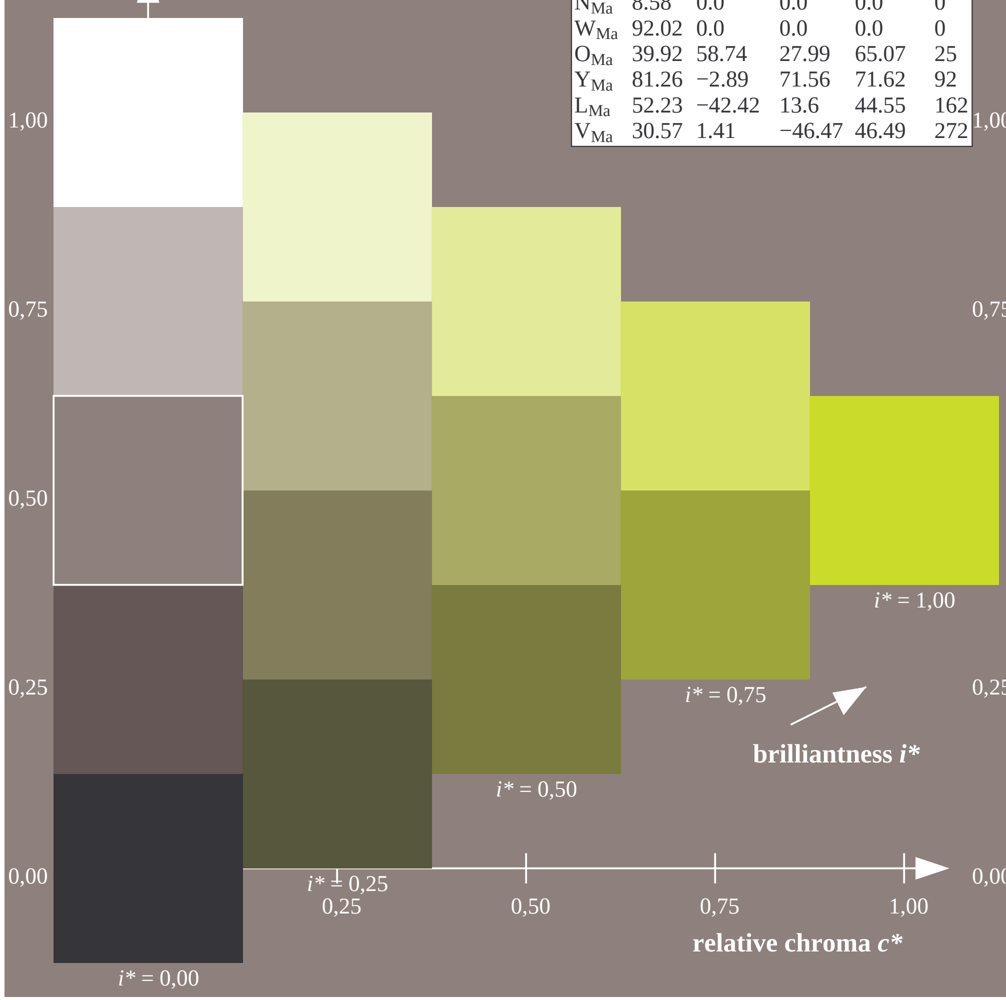


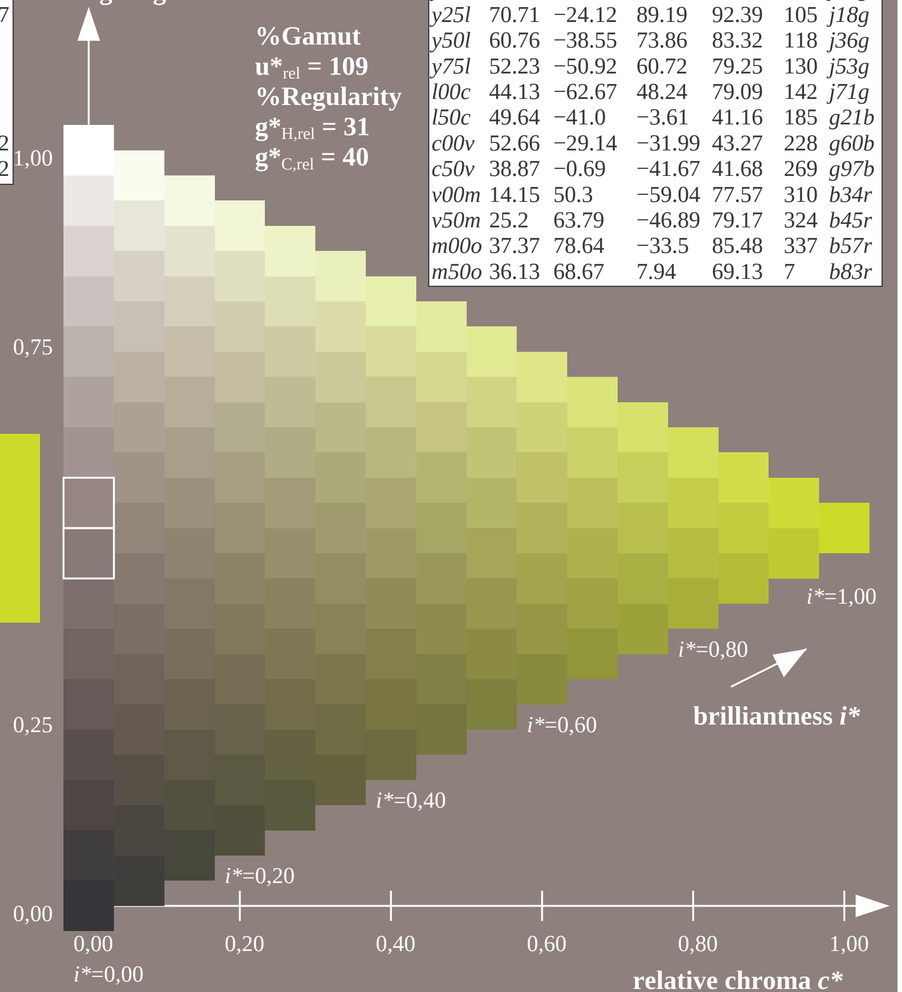
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 71 −24 89
$LAB^*LCH^*_{Ma}$: 71 92 105
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





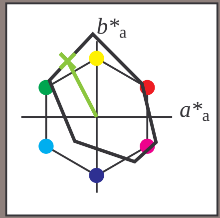
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue h^* = lab^*h^* = $h_{ab}/360$ = 0.327 u^*_d = *y50l*

data for any colour:
lab*tch* and *lab*icu
Hue texts:
u^*_d = *y50l* u^*_e = *j36g*
contrast reduction factor:
c_R = 1.0
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

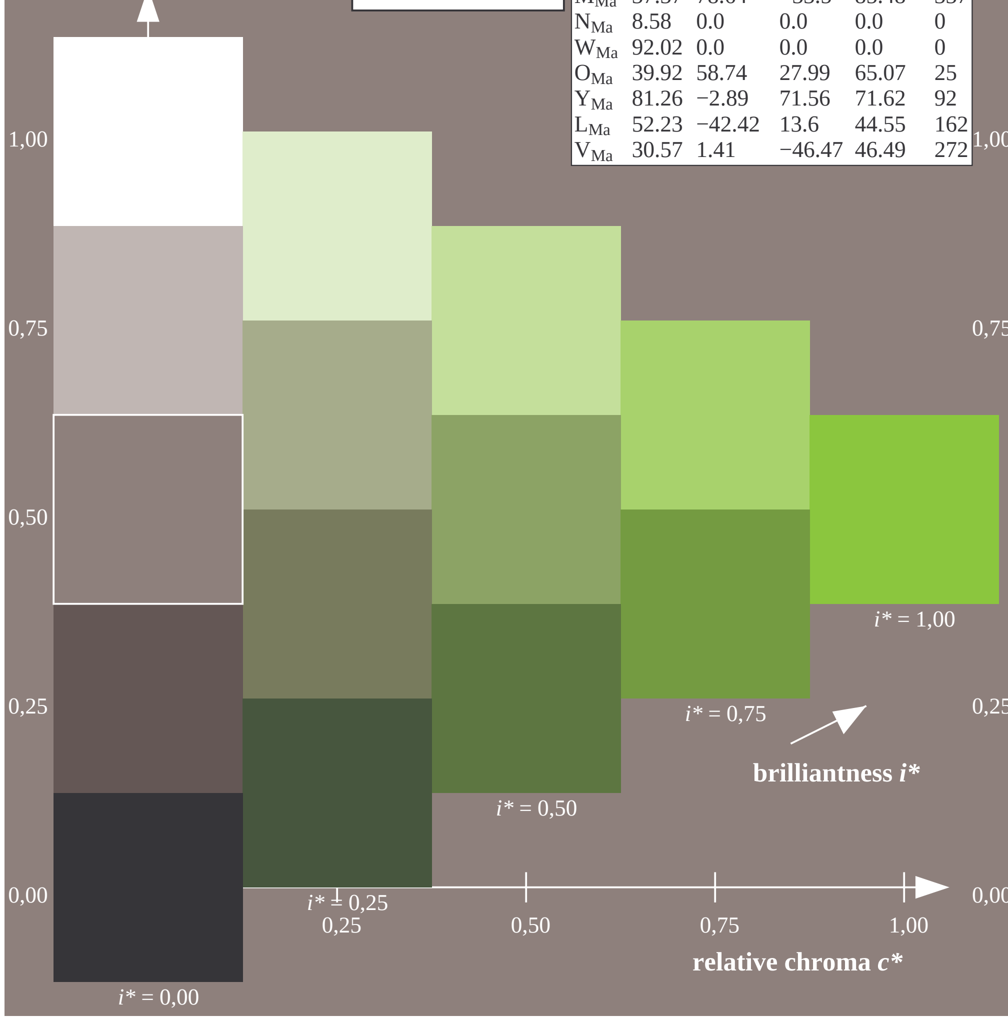
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

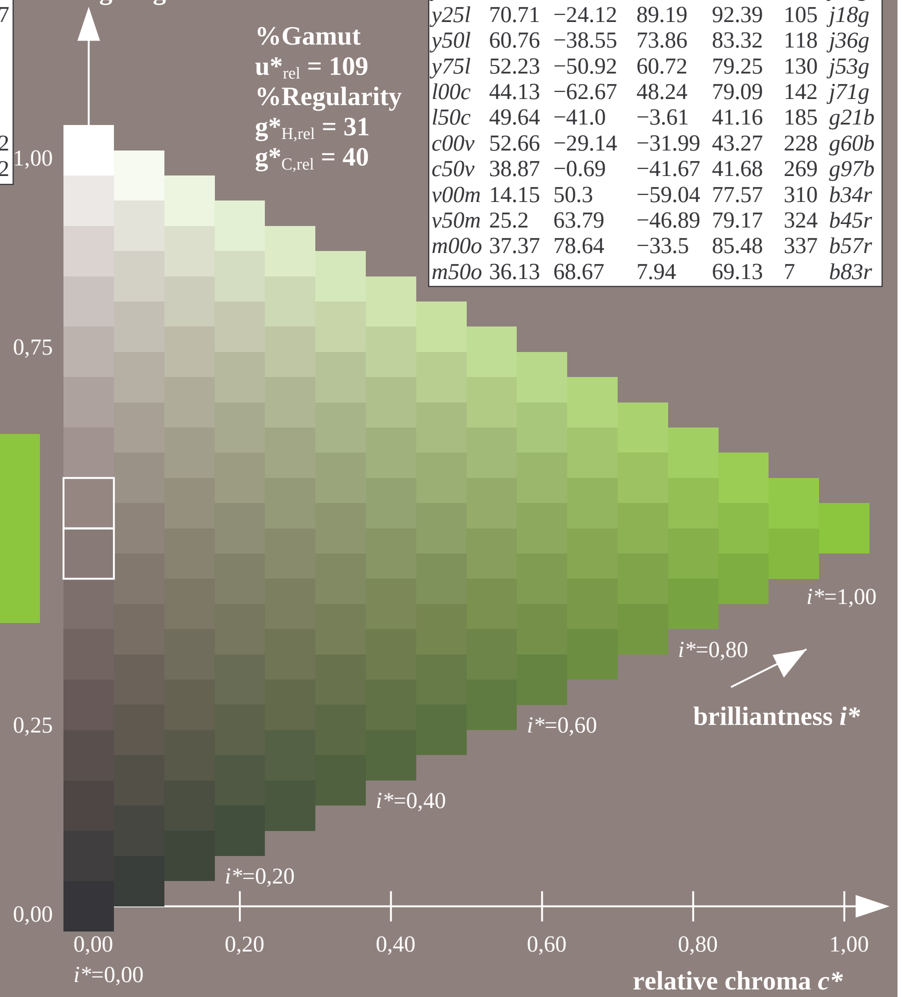
Data for maximum colour (Ma):
LAB*LAB$_{Ma}$: **61 −39 74**
LAB*LCH$_{Ma}$: **61 83 117**
lab*olv$_{Ma}$: **0.5 1.0 0.0**
lab*rgb$_{Ma}$: **0.64 1.0 0.0**
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





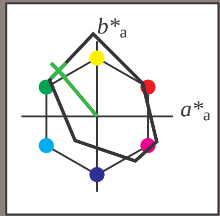
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

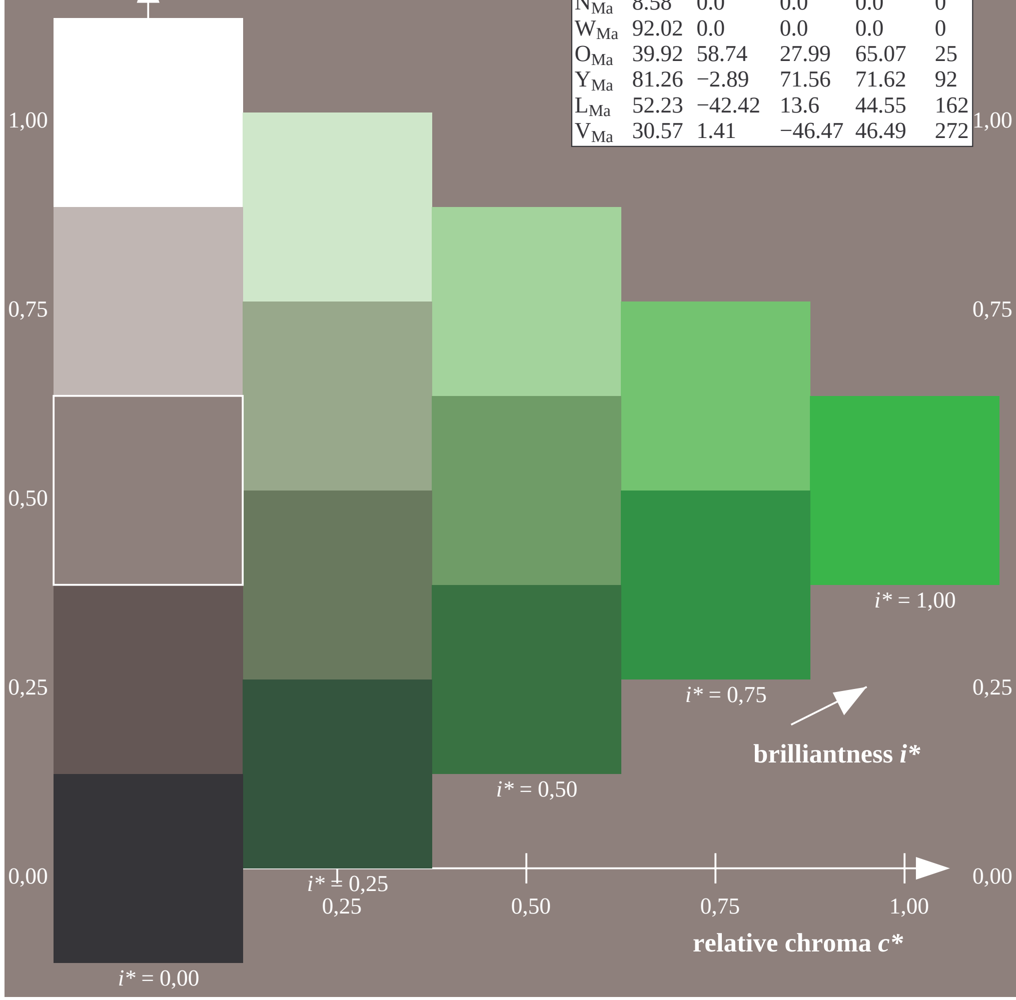
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$ *$u^*_d = y75l$*

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



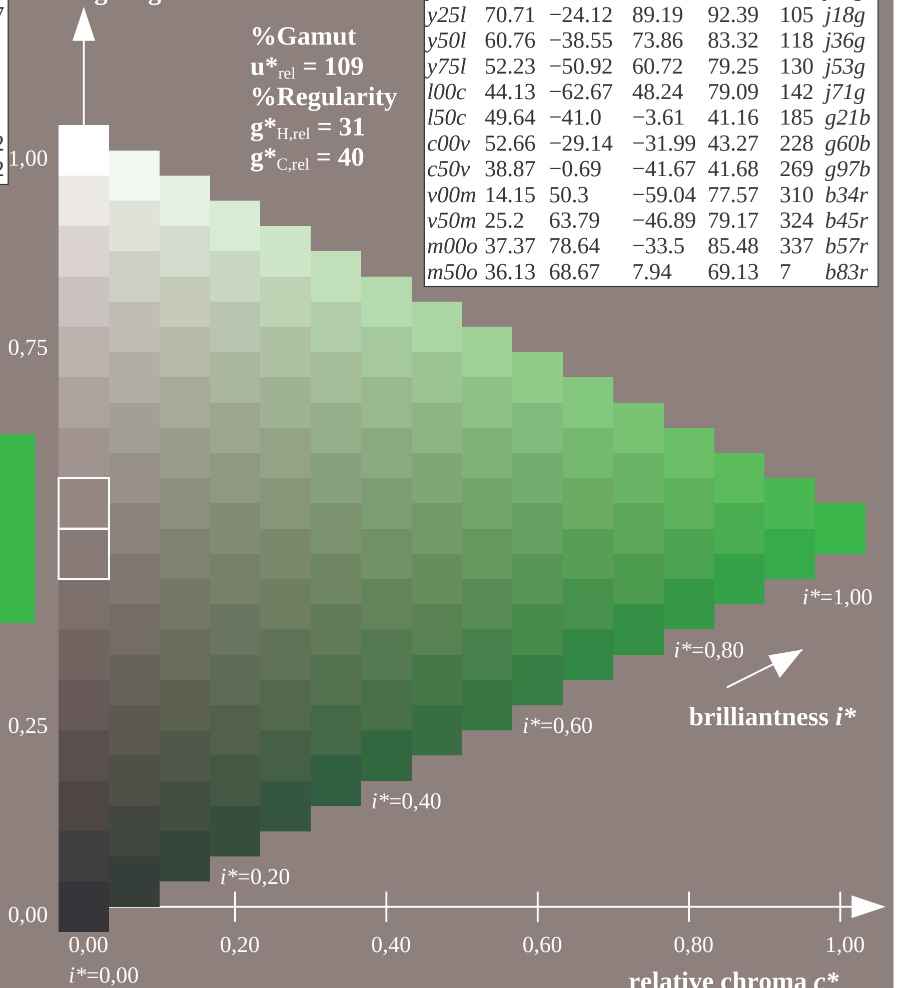
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 52 −51 61**
***LAB*LCH**$_{Ma}$: 52 79 129**
***lab*olv**$_{Ma}$: 0.25 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.46 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



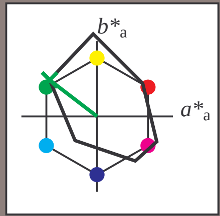
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$ $u^*_d = l00c$

data for any colour:
lab*tch** and lab*icu*
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

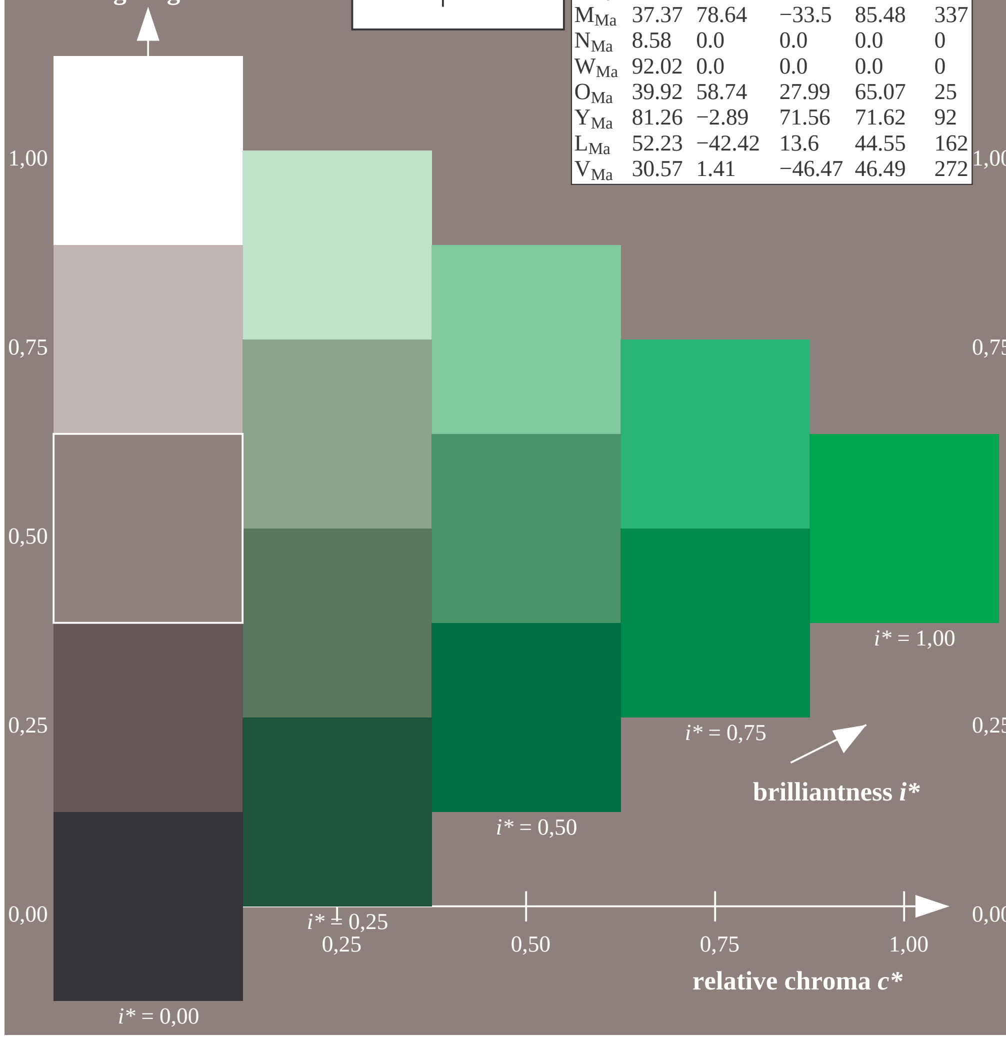


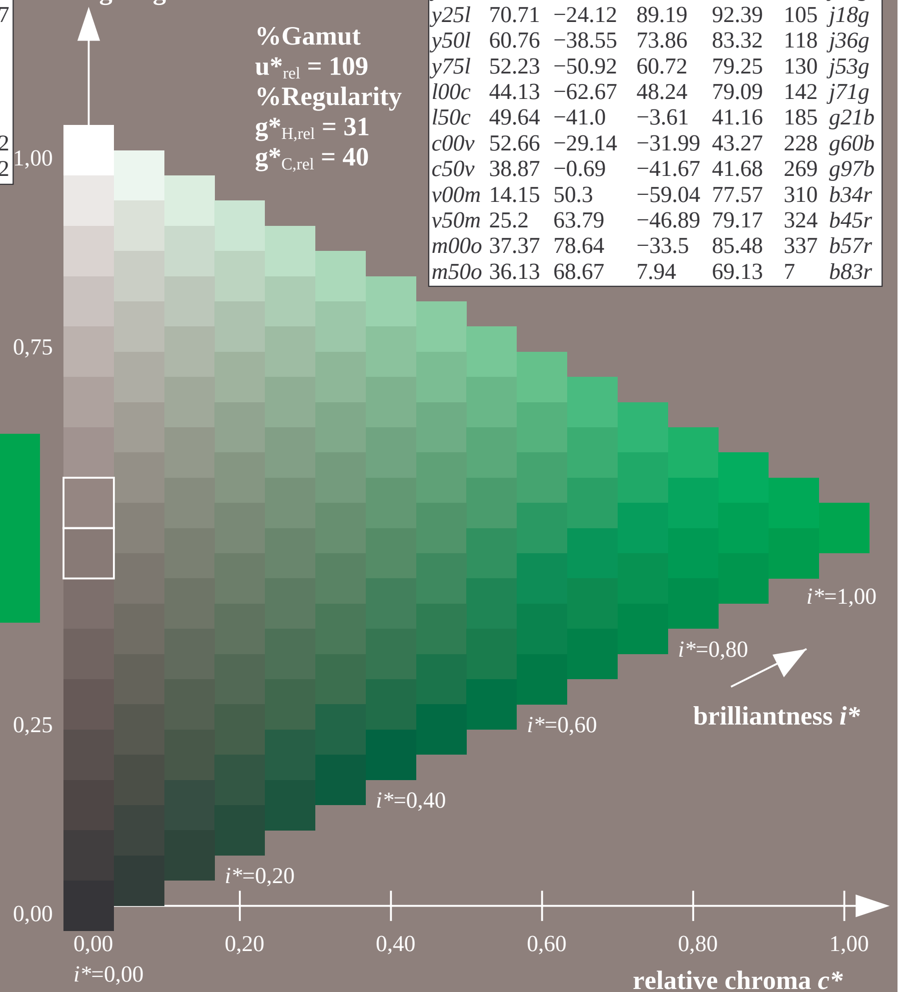
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 44 −63 48**
***LAB*LCH*$_{Ma}$*: 44 79 142**
***lab*olv*$_{Ma}$*: 0.0 1.0 0.0**
***lab*rgb*$_{Ma}$*: 0.28 1.0 0.0**
triangle lightness t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





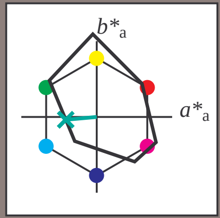
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

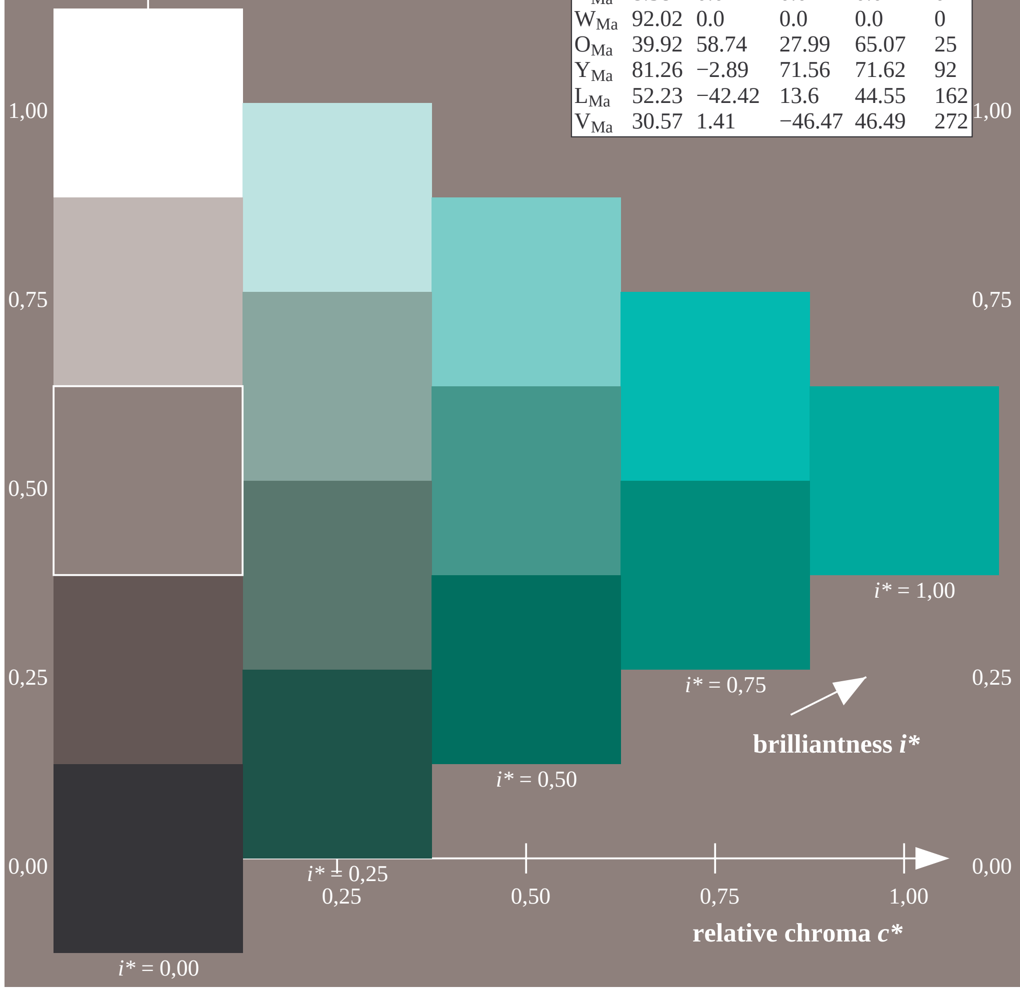
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$ $u^*_d = l50c$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



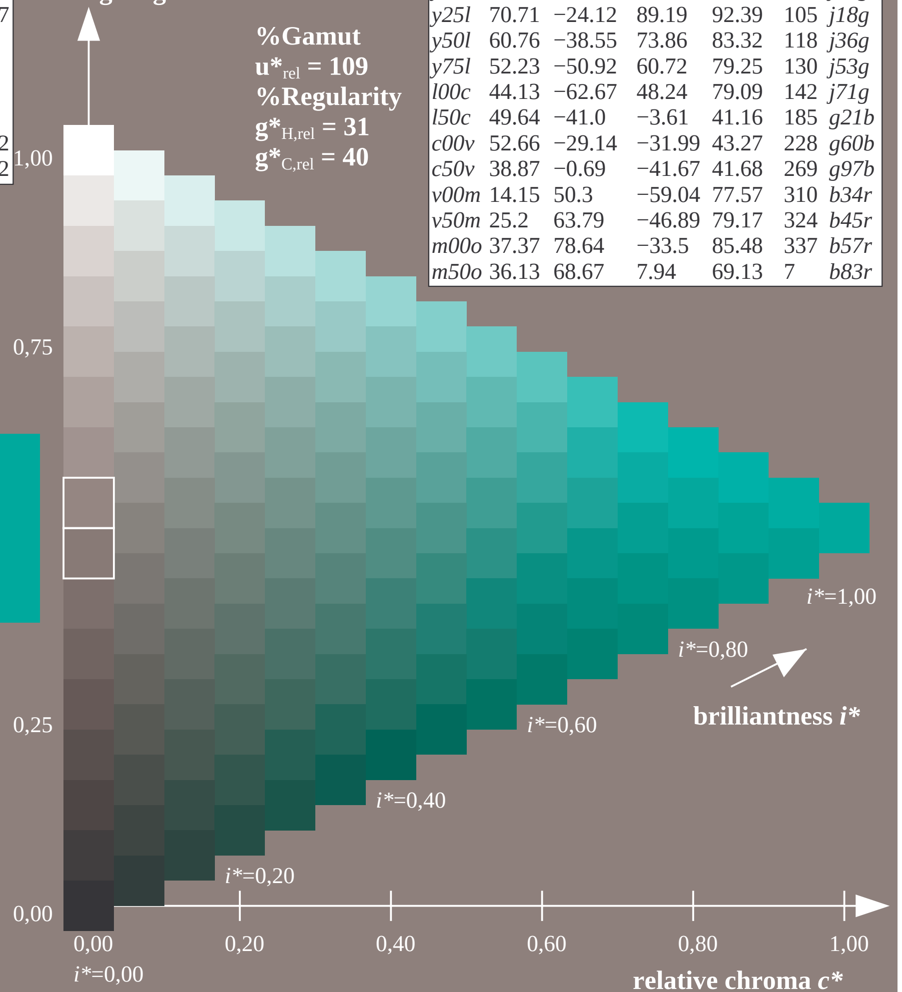
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 50 −41 −4
$LAB^*LCH^*_{Ma}$: 50 41 185
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

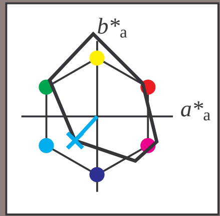
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

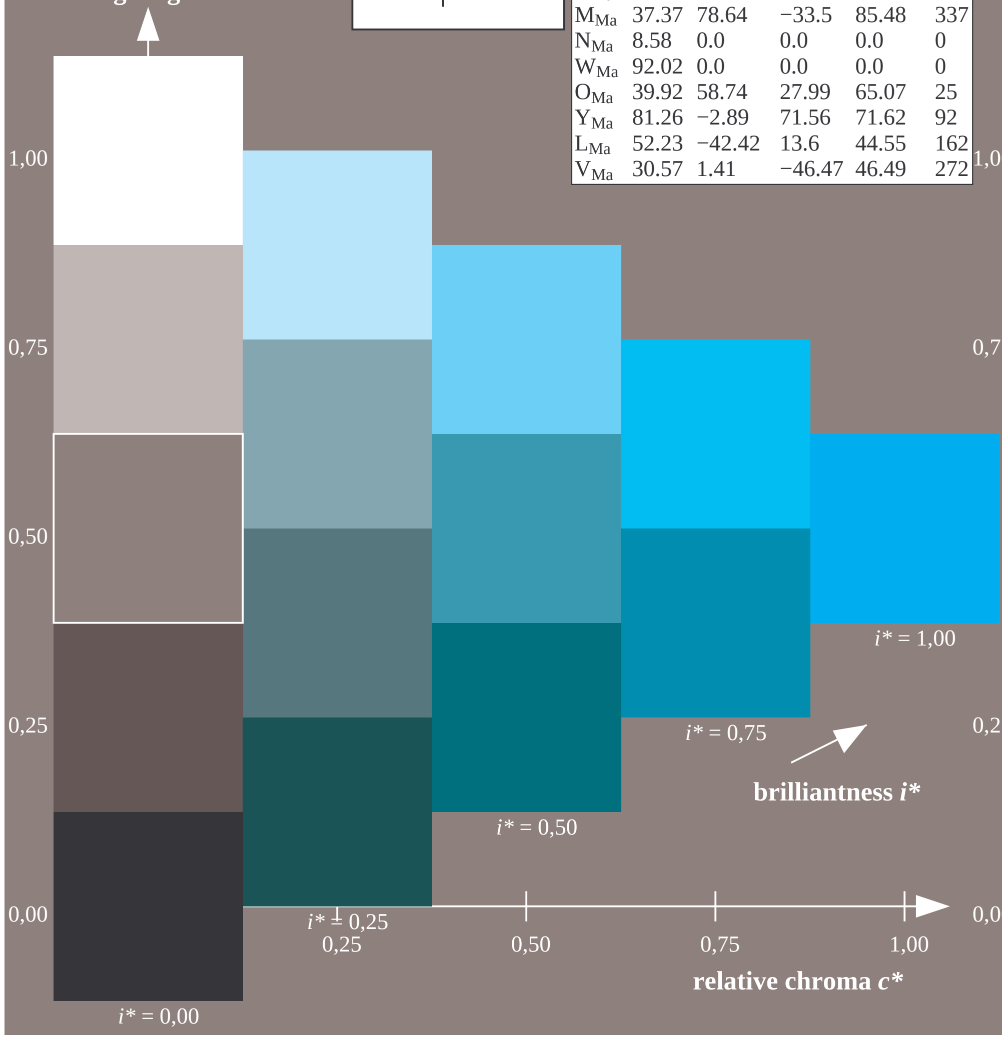
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab{*}h^* = h_{ab}/360 = 0.632$ $u^*_d = c00v$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

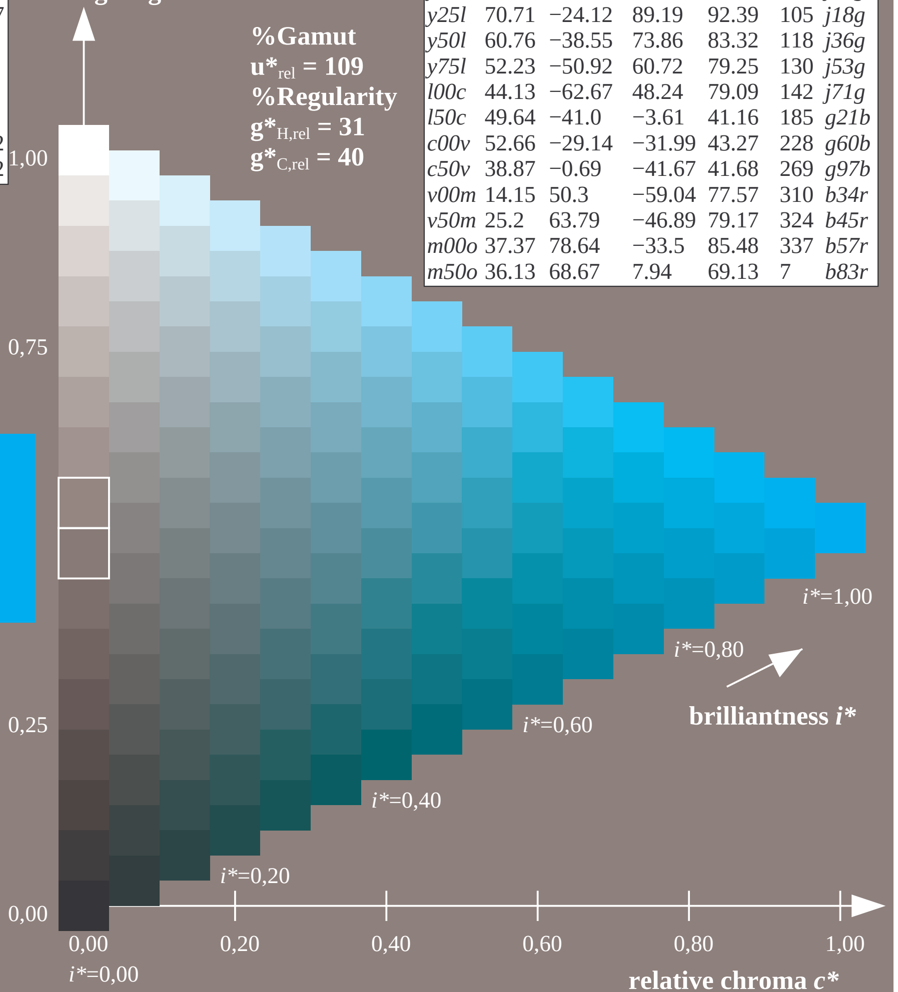


Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 53 −29 −32**
LAB*LCH*$_{Ma}$**: 53 43 227**
lab*olv*$_{Ma}$**: 0.0 1.0 1.0**
lab*rgb*$_{Ma}$**: 0.0 0.8 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

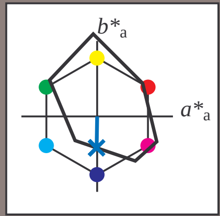


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

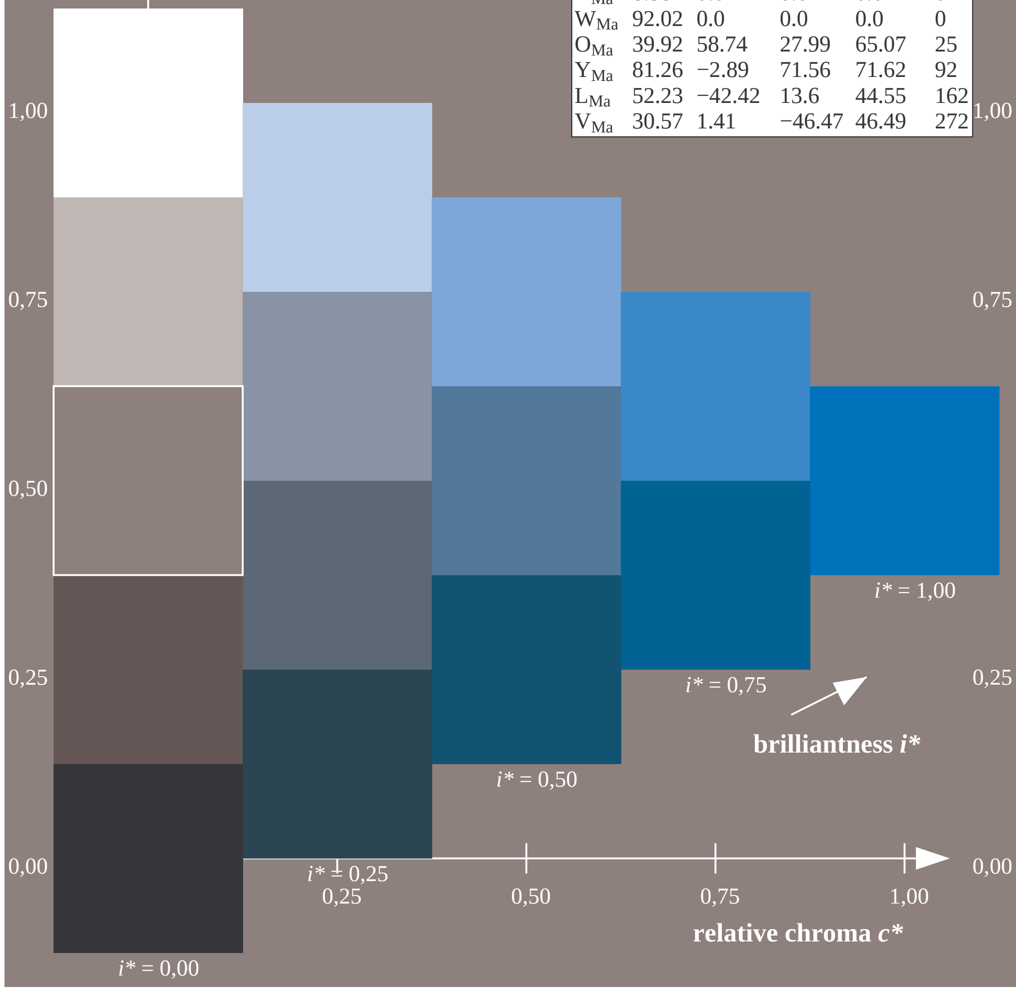
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$ $u^*_d = c50v$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



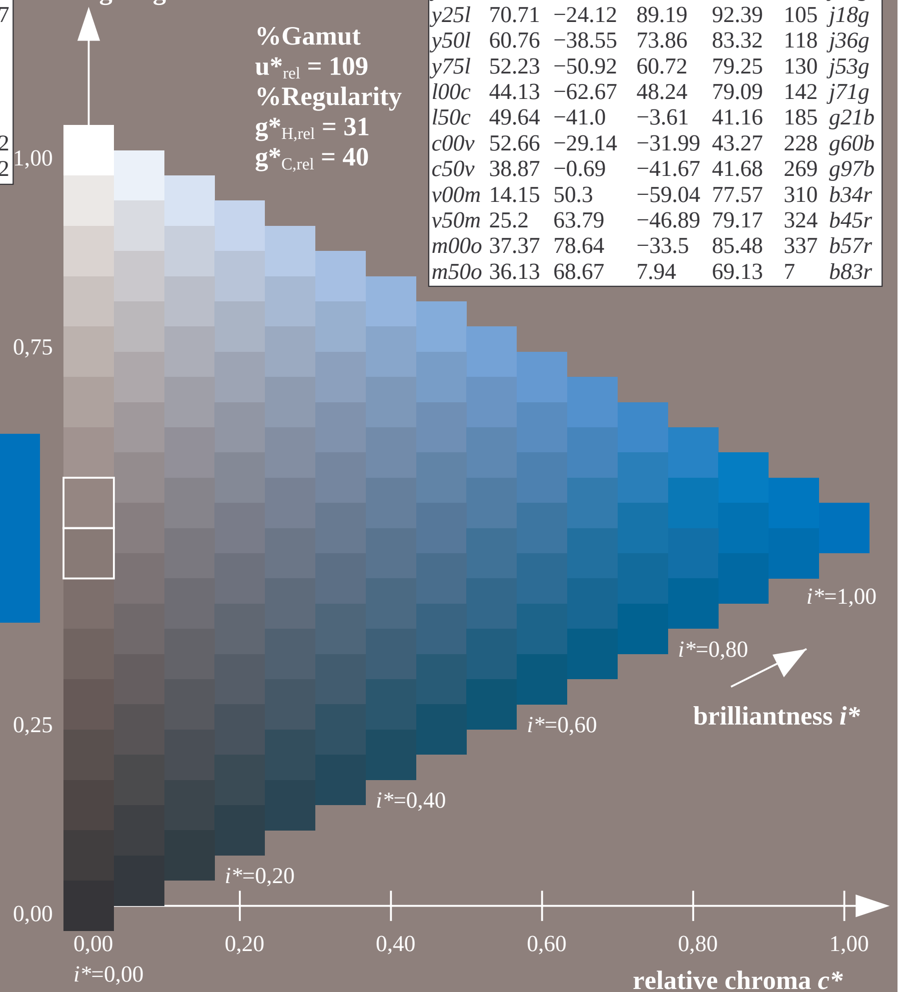
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 39 −1 −42**
***LAB*LCH**$_{Ma}$: 39 42 269**
***lab*olv**$_{Ma}$: 0.0 0.5 1.0**
***lab*rgb**$_{Ma}$: 0.0 0.05 1.0**
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



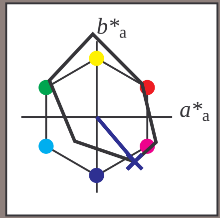
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$ $u^*_d = v00m$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

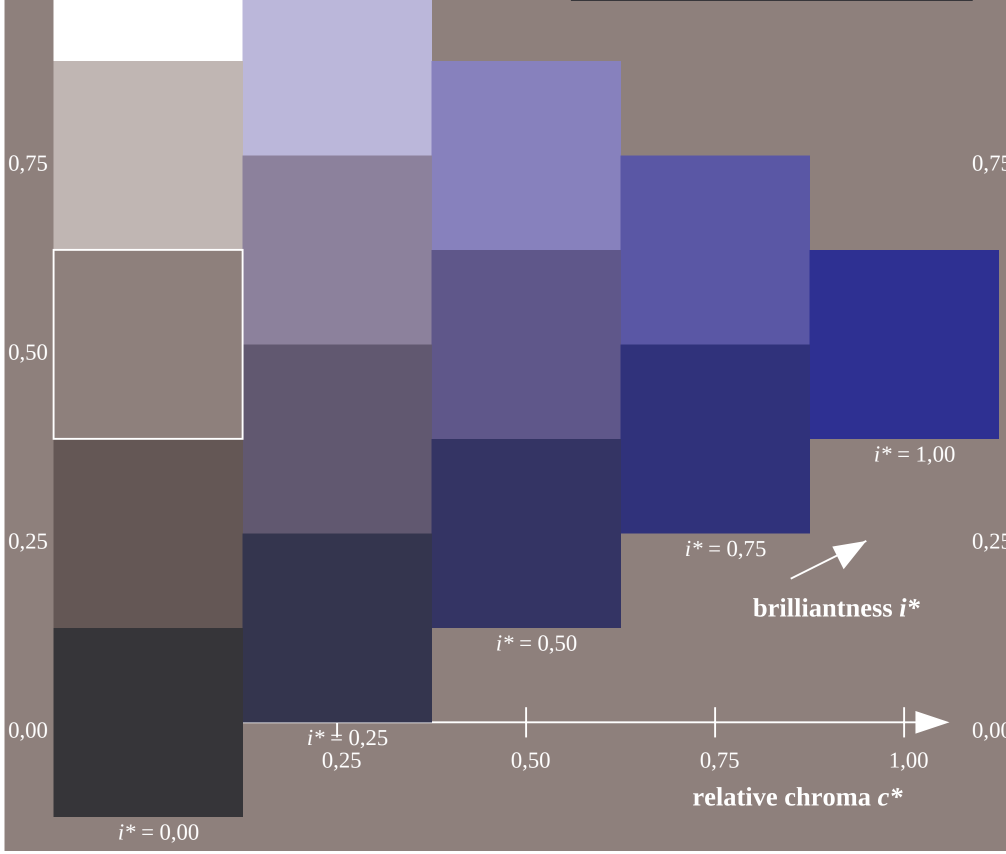


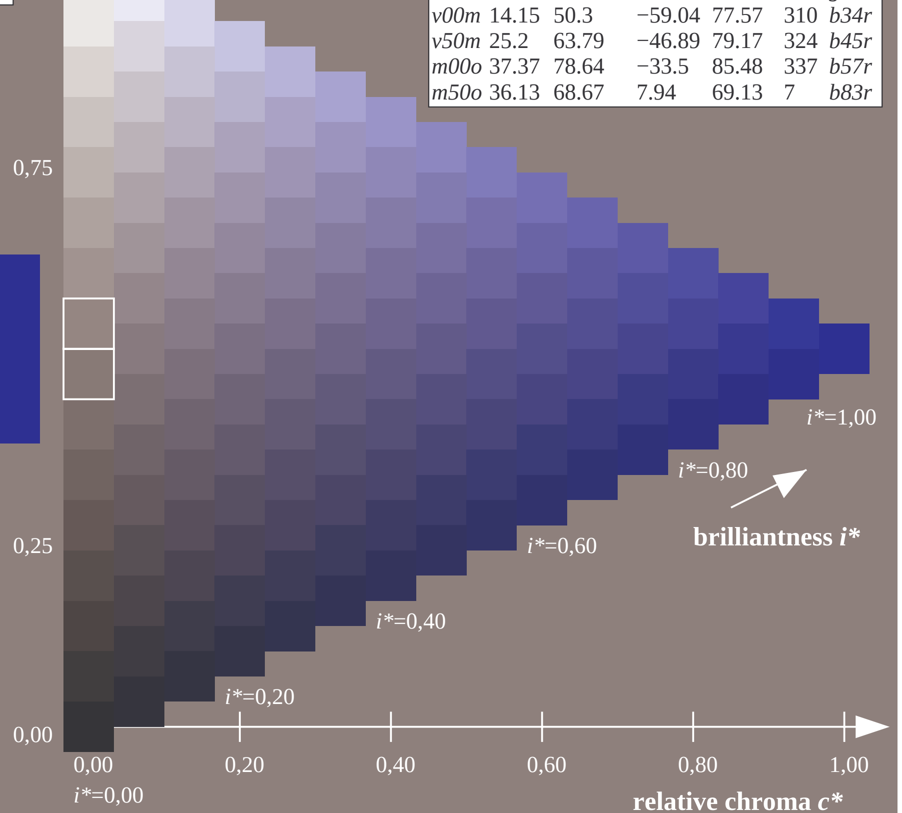
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 14 50 −59**
***LAB*LCH**$_{Ma}$: 14 78 310**
***lab*olv**$_{Ma}$: 0.0 0.0 1.0**
***lab*rgb**$_{Ma}$: 0.68 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

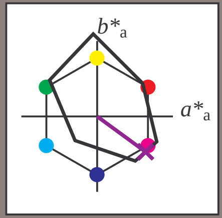
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

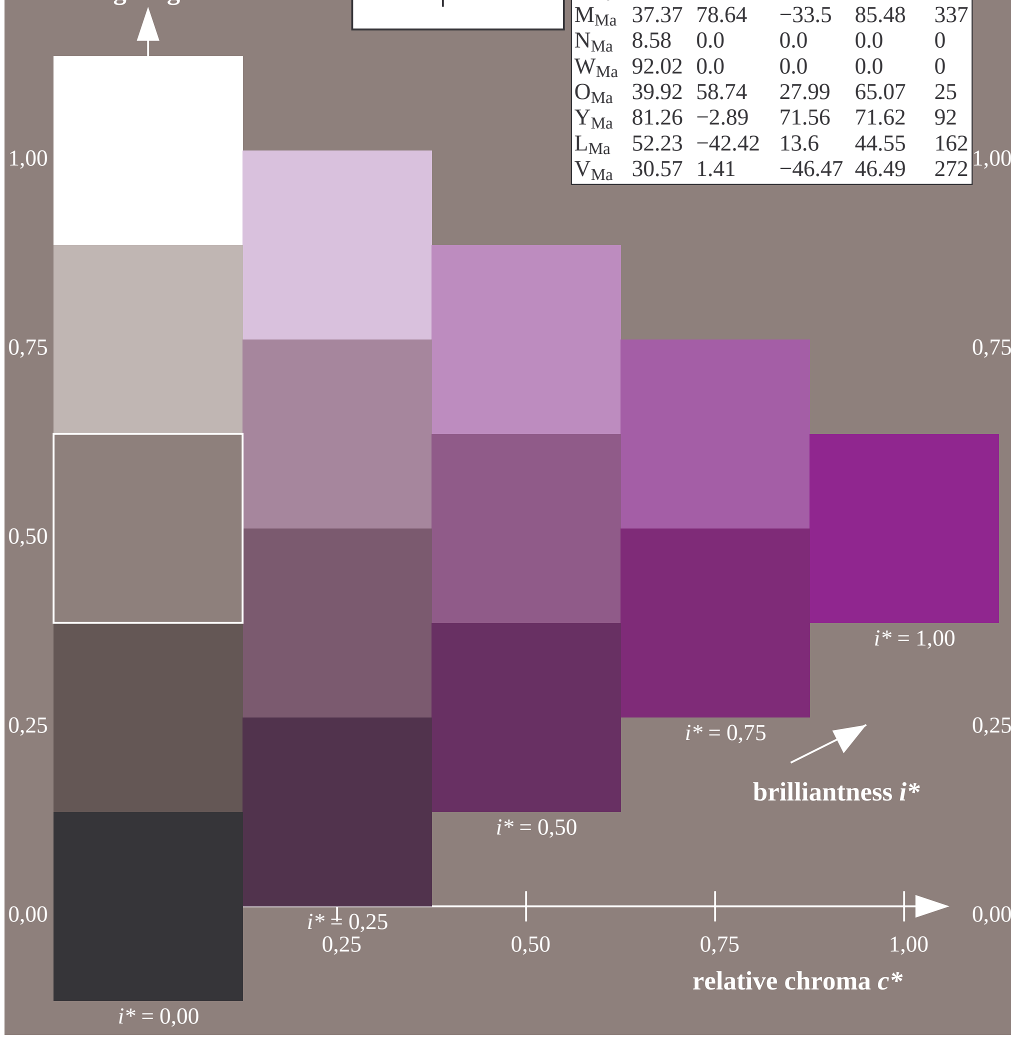
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$ ***$u^*_d = v50m$***

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
***c_R* = 1.0**
triangle lightness *t**



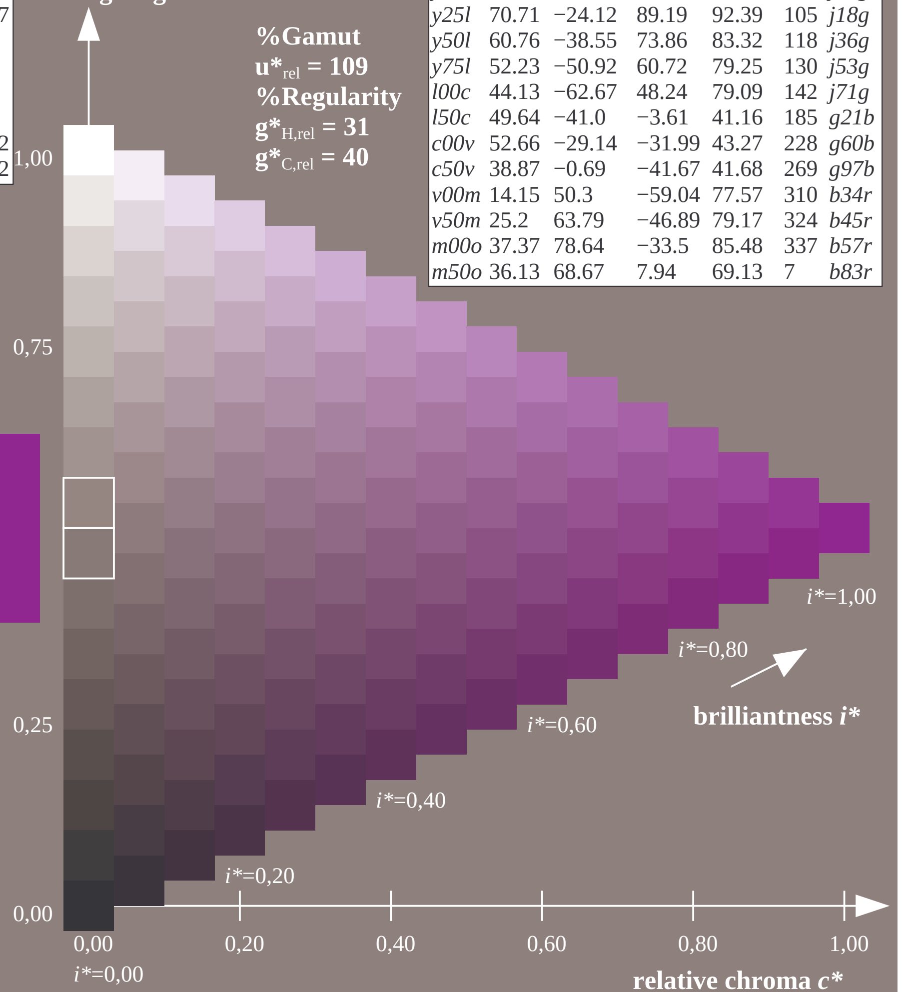
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 25 64 −47**
***$LAB^*LCH^*_{Ma}$*: 25 79 323**
***$lab^*olv^*_{Ma}$*: 0.5 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 0.91 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



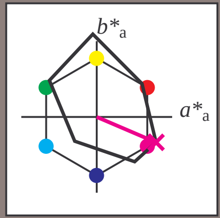
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$ *$u^*_d = m00o$*

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

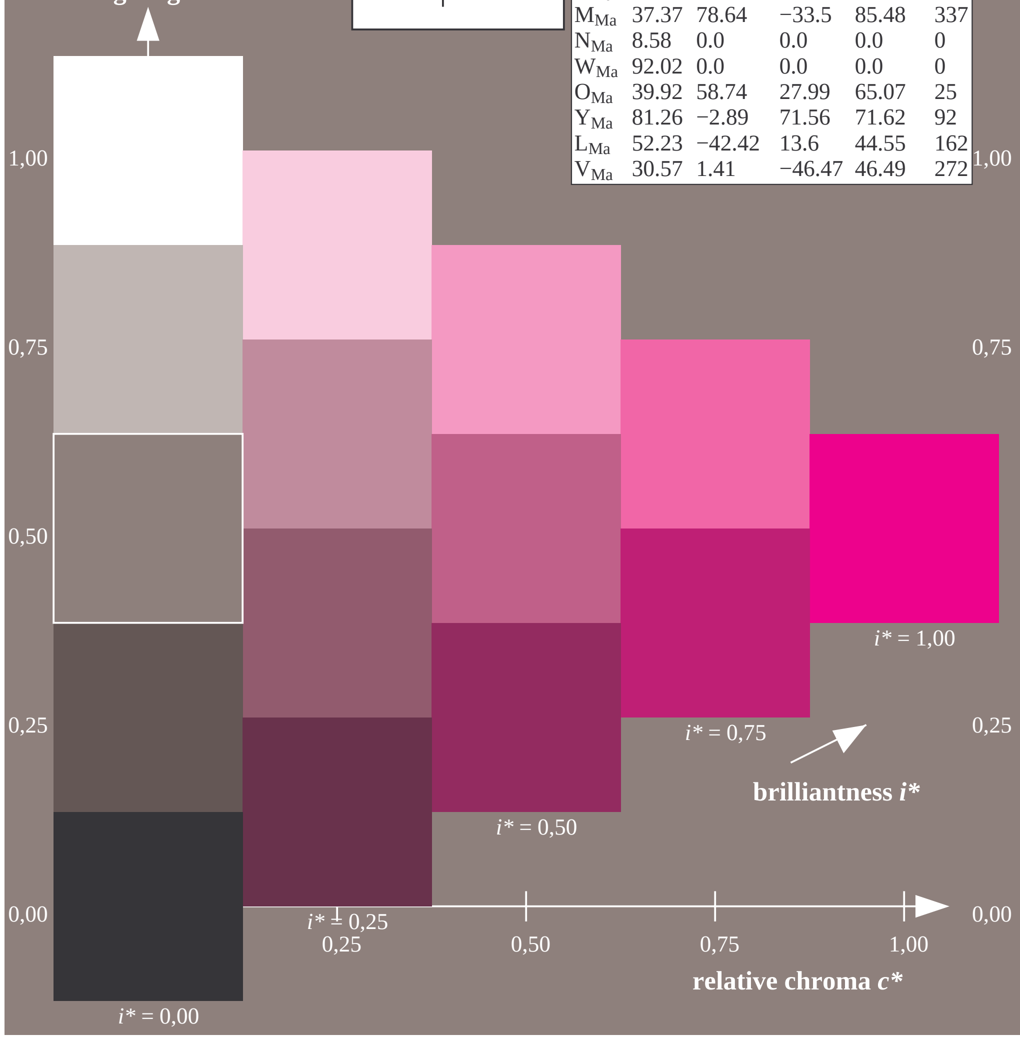


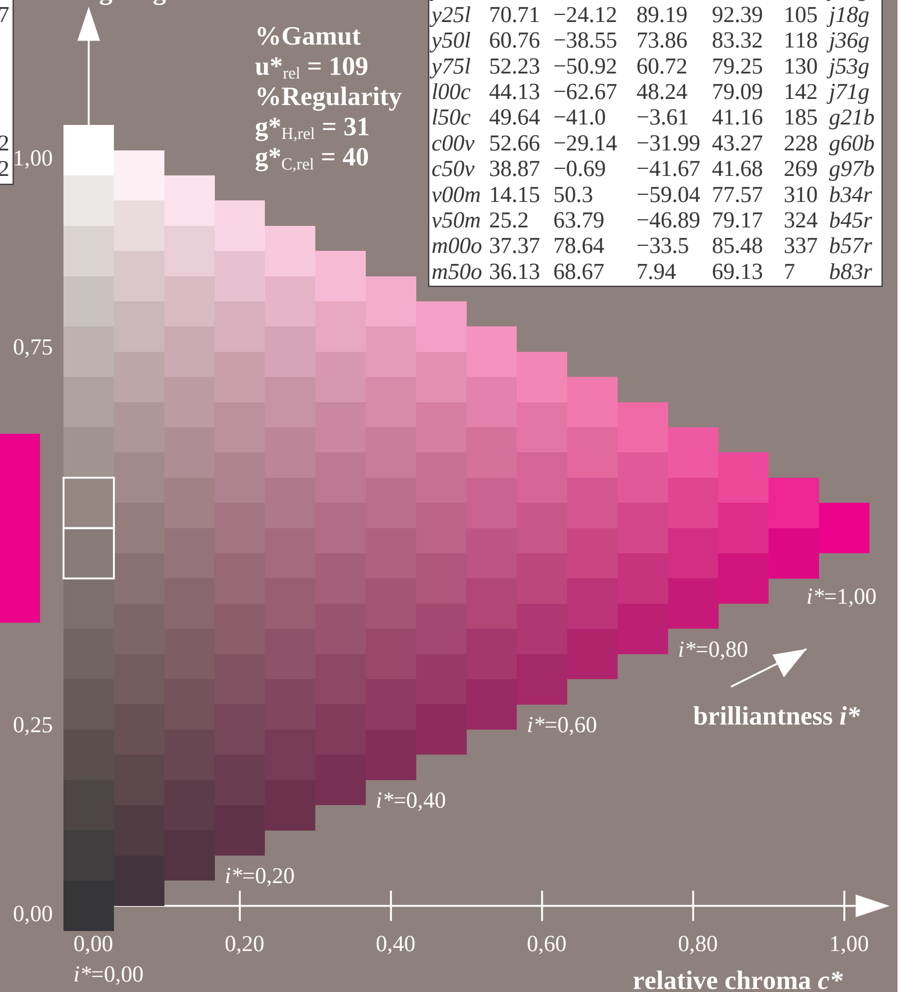
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 37 79 −34**
***$LAB^*LCH^*_{Ma}$*: 37 85 336**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.85**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





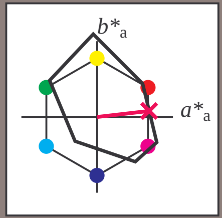
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

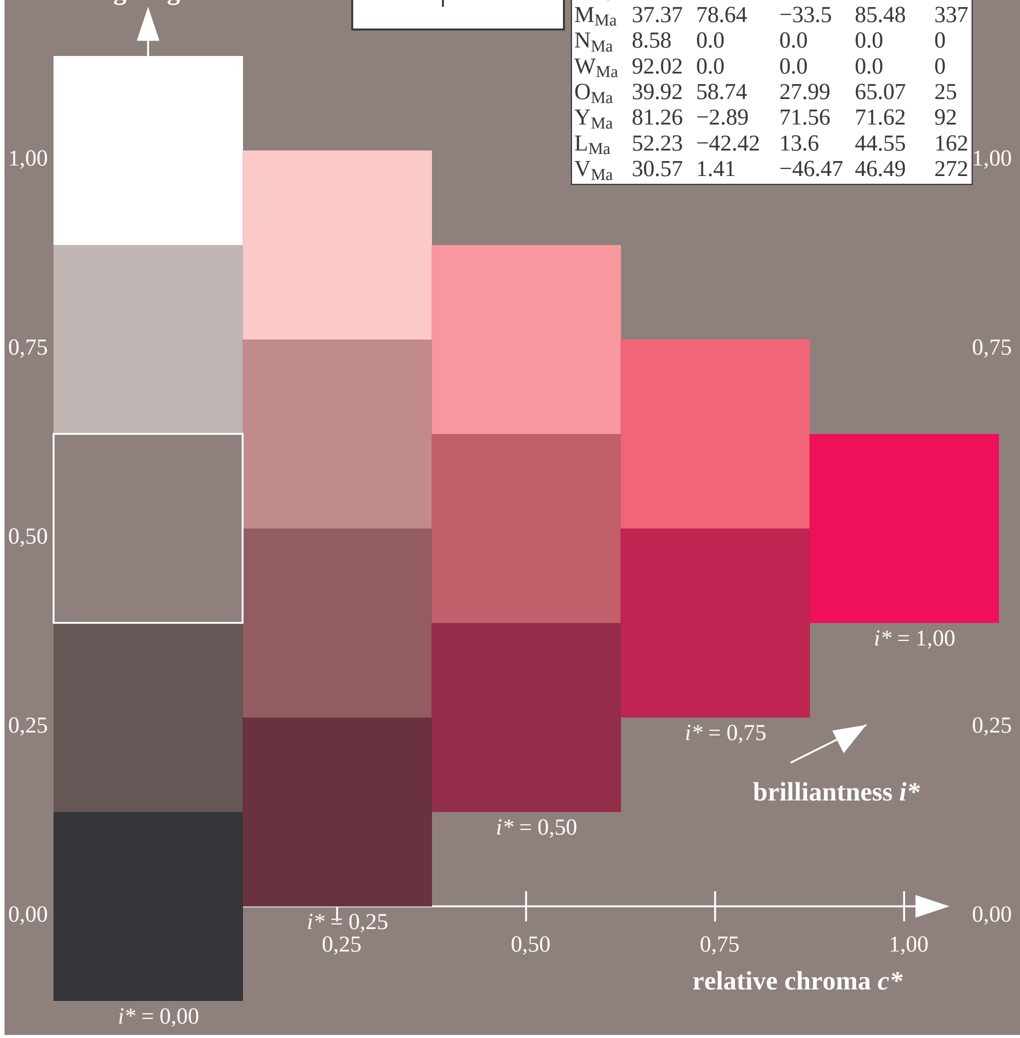
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$ *$u^*_d = m50o$*

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



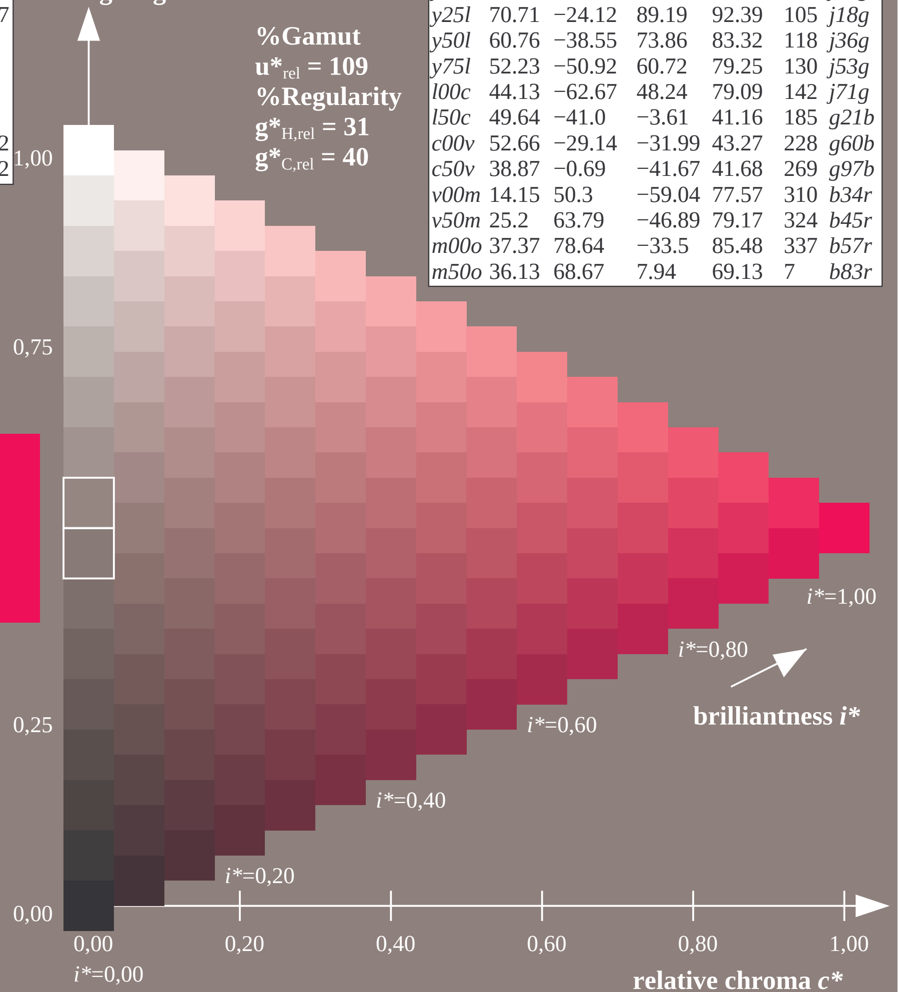
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 36 69 8**
***$LAB^*LCH^*_{Ma}$*: 36 69 6**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 0.5**
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.33**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



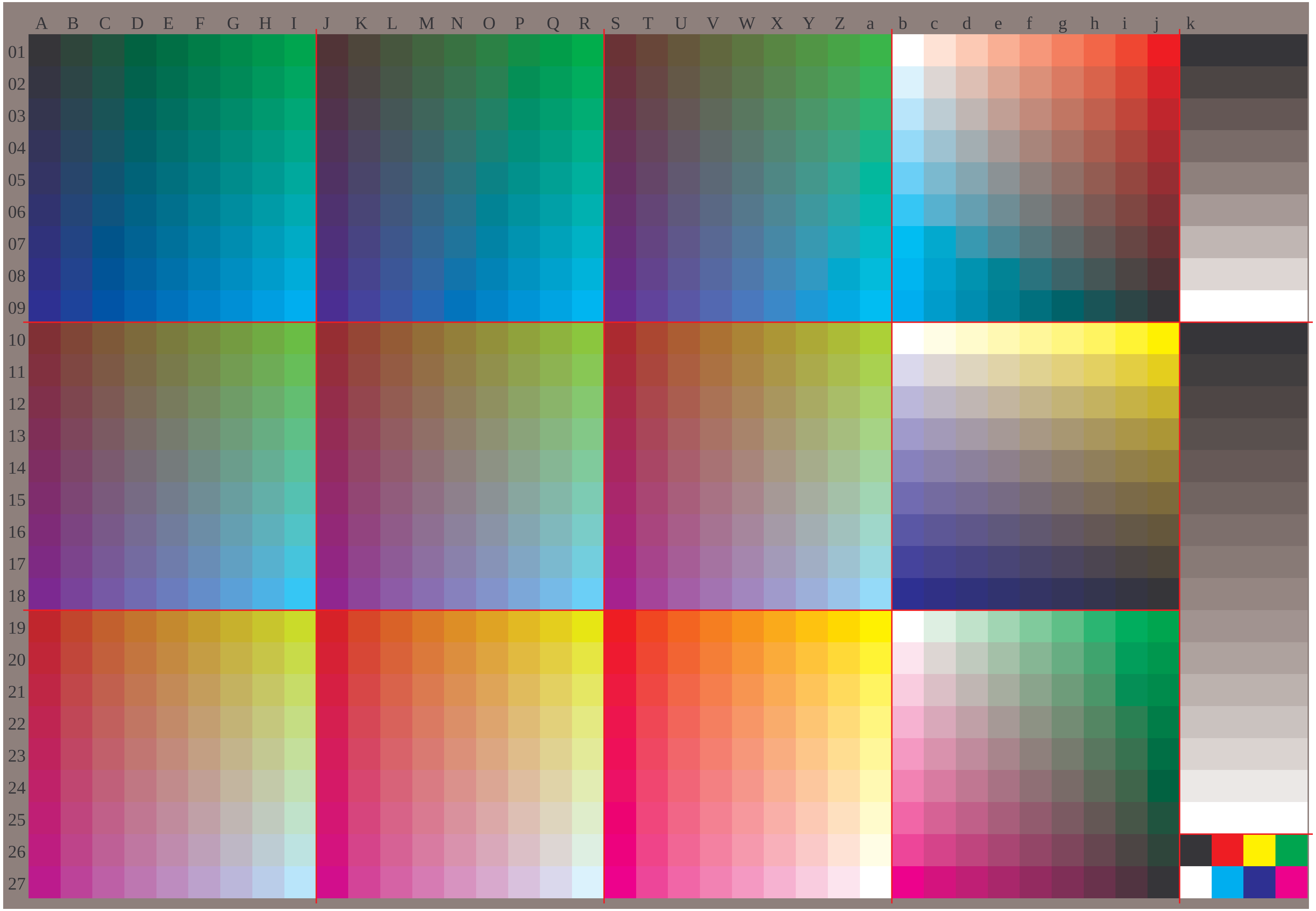
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

www.ps.bam.de/Ee40/10L/L40E00NP.PS/ .PDF; FRS09_92a; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0



BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

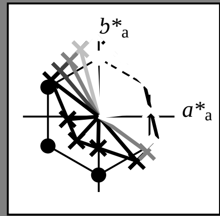
BAM-test chart Ee40; Colorimetric systems, Page 36/270
3 separations and 9 data tables for 16 hues *o00y* to *m75o*

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

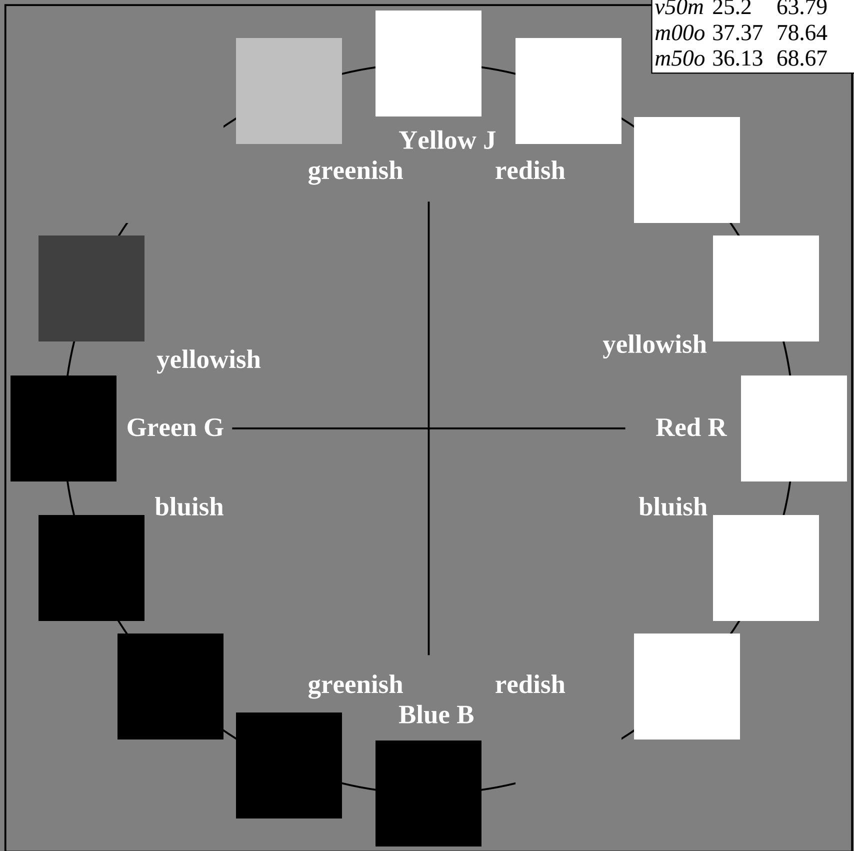
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

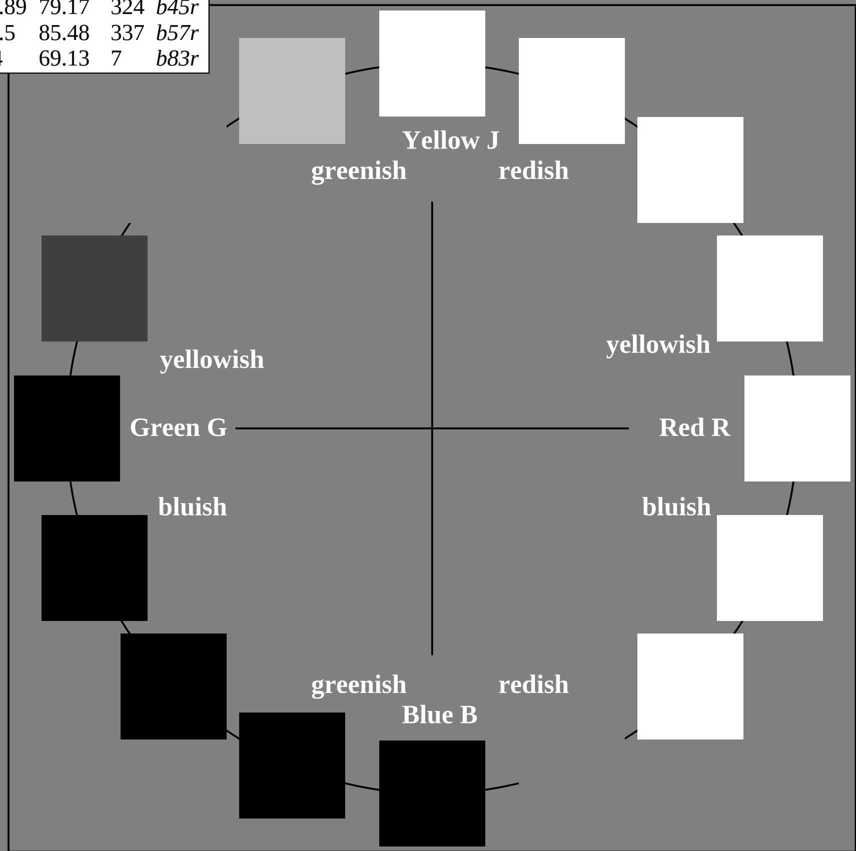


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





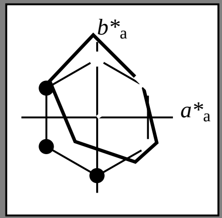
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$ $u^*_d = o00y$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

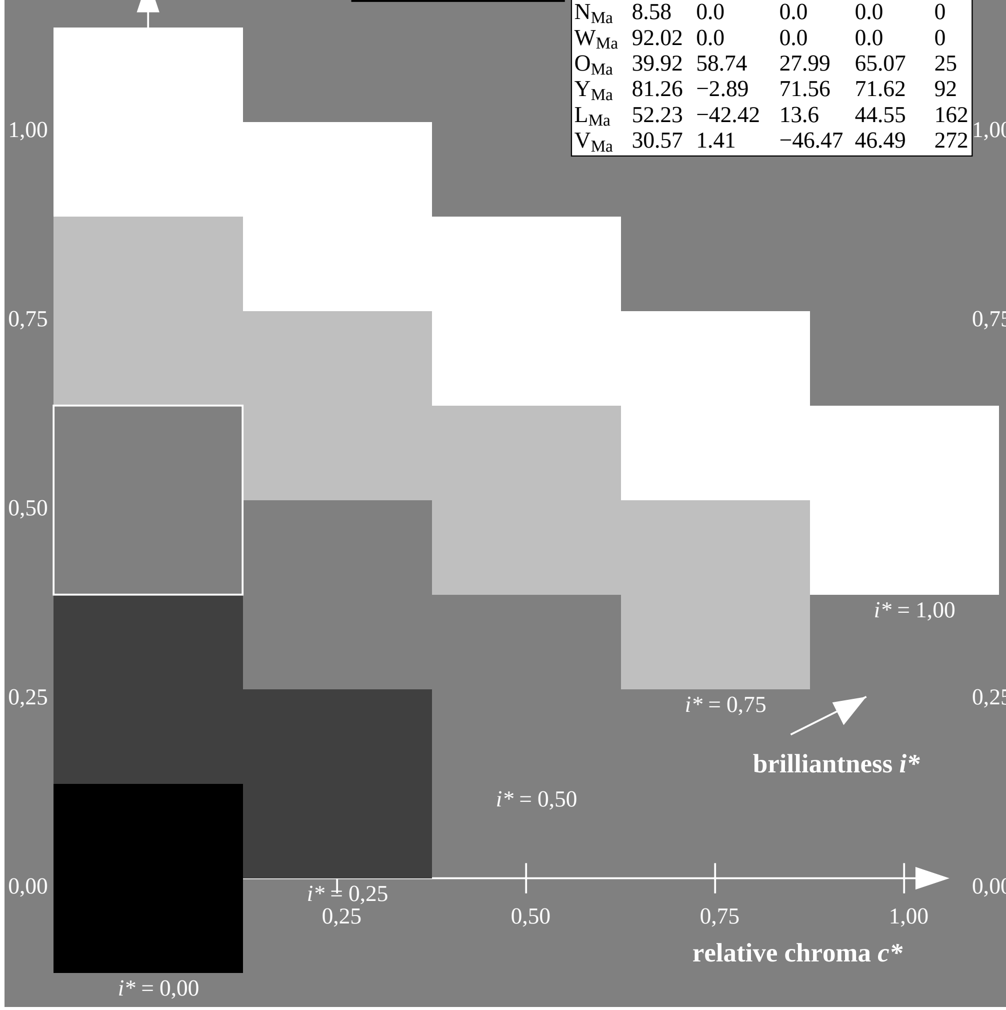


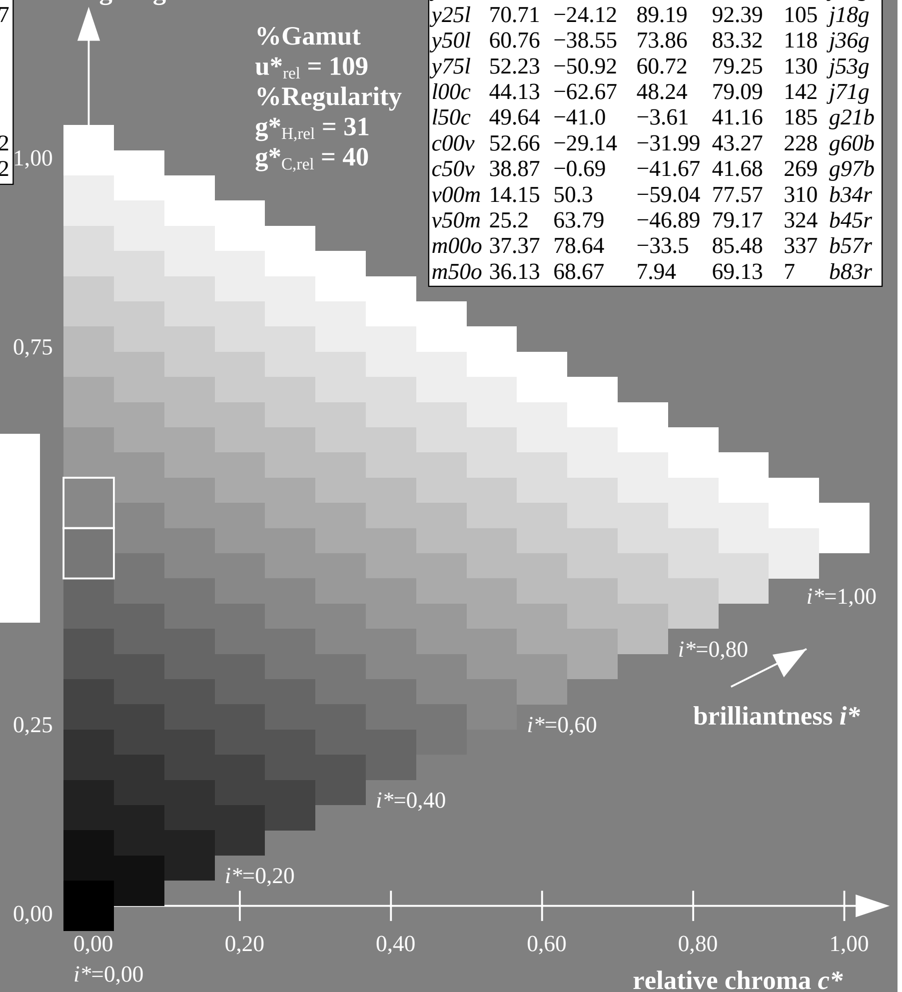
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 60 44
$LAB^*LCH^*_{Ma}$: 35 74 36
$lab^*olv^*_{Ma}$: 1.0 0.0 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





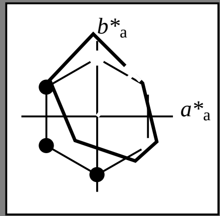
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$ ***u*$_d$ = o25y***

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u*$_d$ = o25y   *u*$_e$ = r37j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

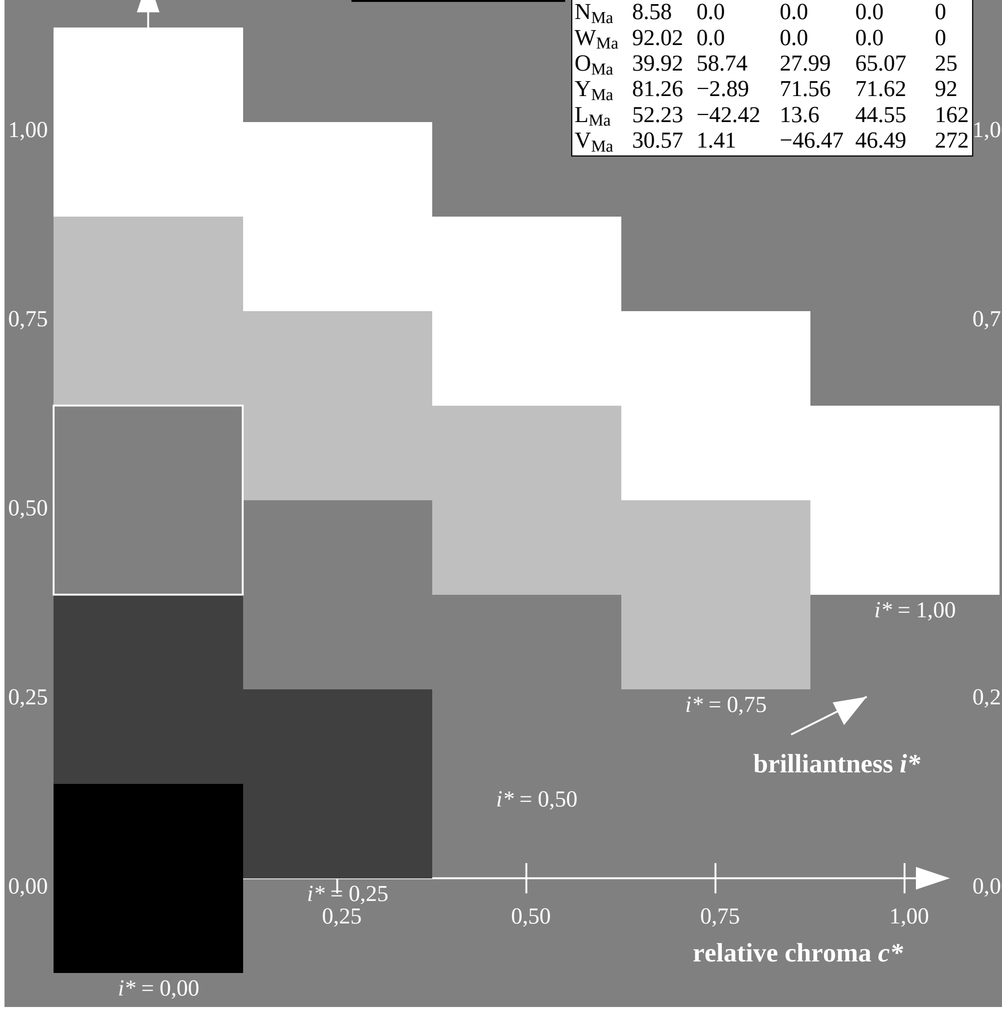


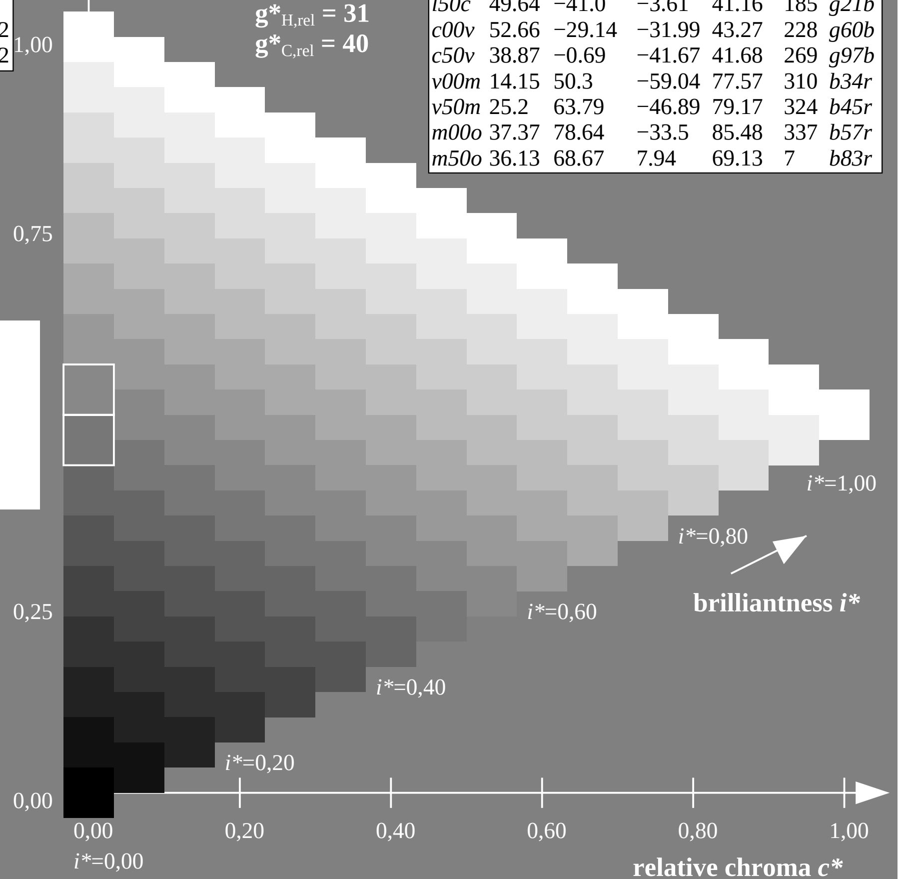
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 45 47 57**
***LAB*LCH**$_{Ma}$: 45 74 50**
***lab*olv**$_{Ma}$: 1.0 0.25 0.0**
***lab*rgb**$_{Ma}$: 1.0 0.37 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





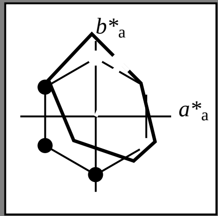
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

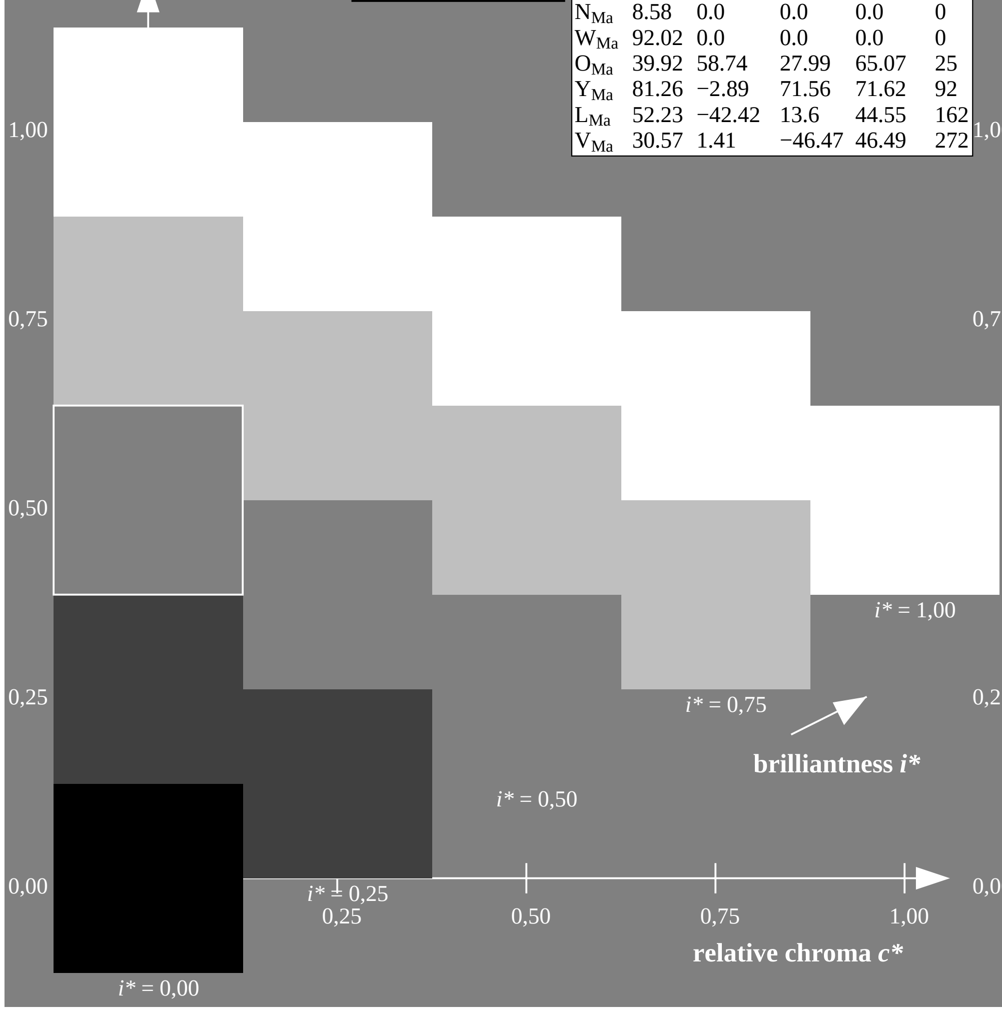
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$ **$u^*_d = o50y$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o50y$ $u^*_e = r58j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



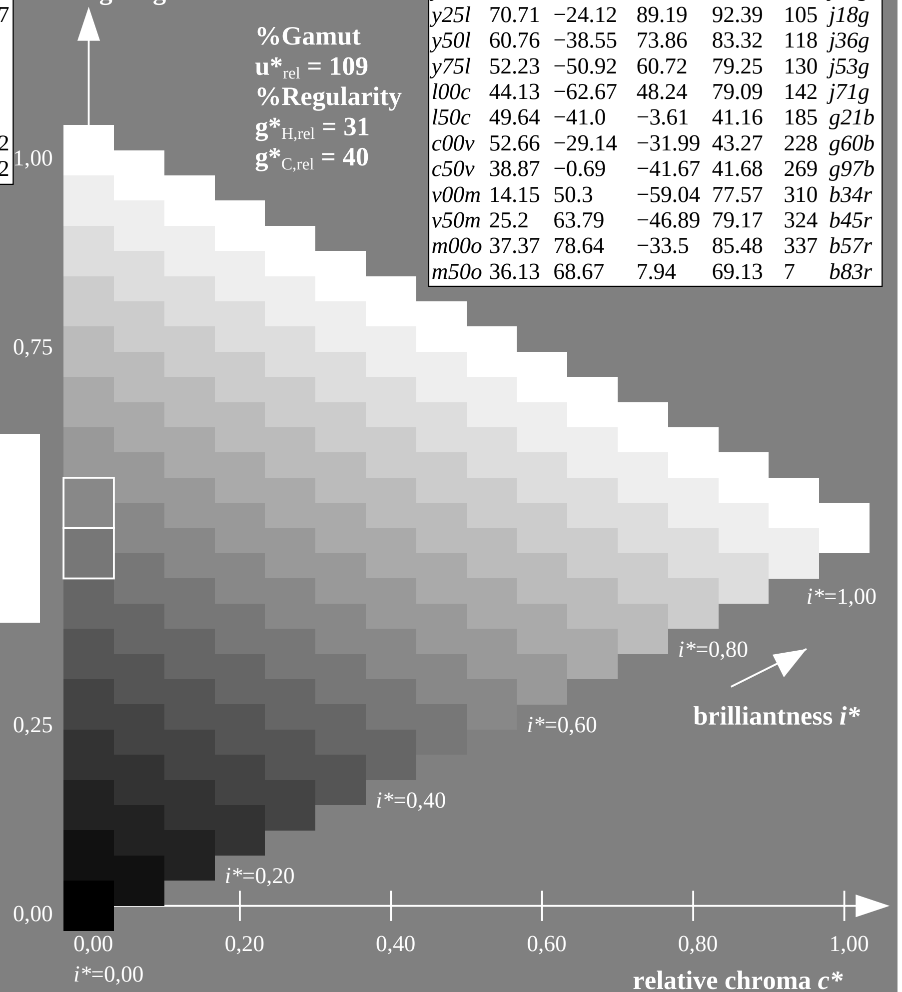
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 55 34 70**
LAB*LCH*$_{Ma}$**: 55 78 64**
lab*olv*$_{Ma}$**: 1.0 0.5 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.58 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



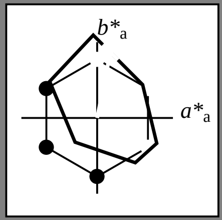
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$ **$u^*_d = o75y$**

data for any colour:
lab^*tch^* and lab^*icu^*
Hue texts:
$u^*_d = o75y$ $u^*_e = r79j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

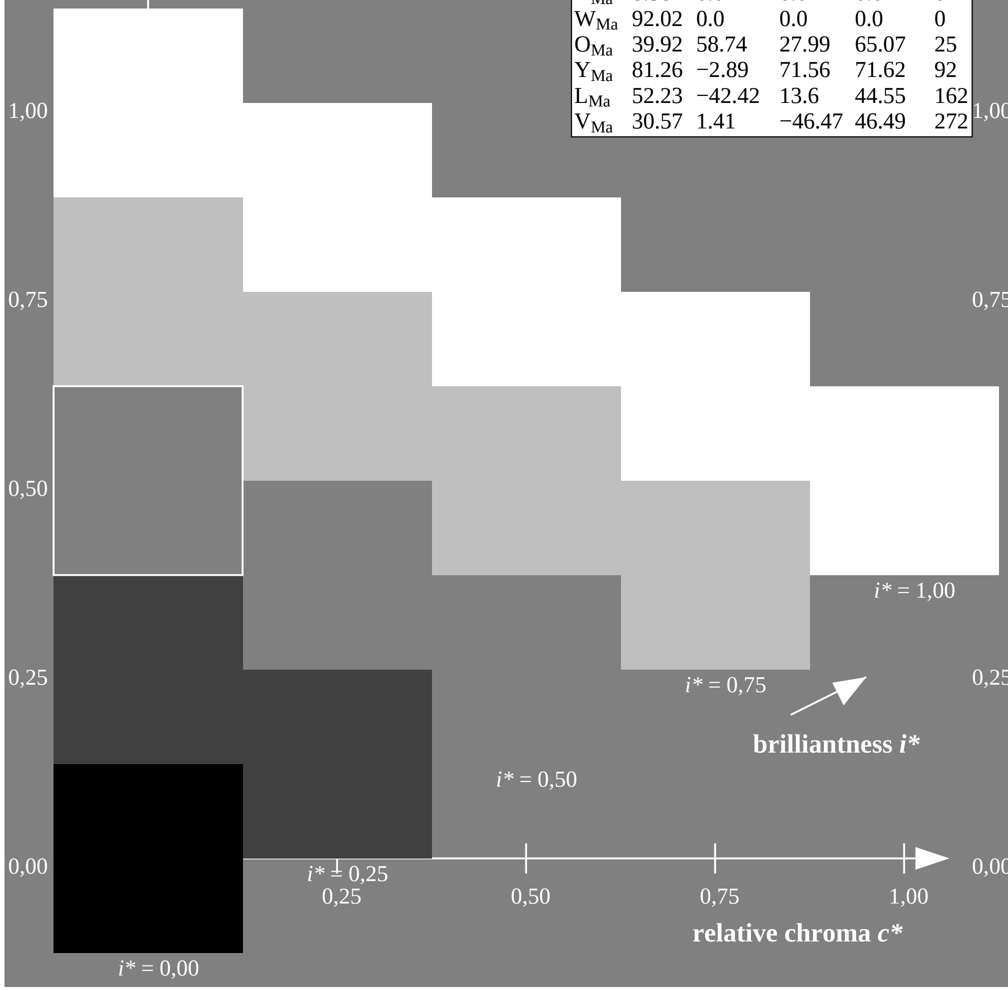


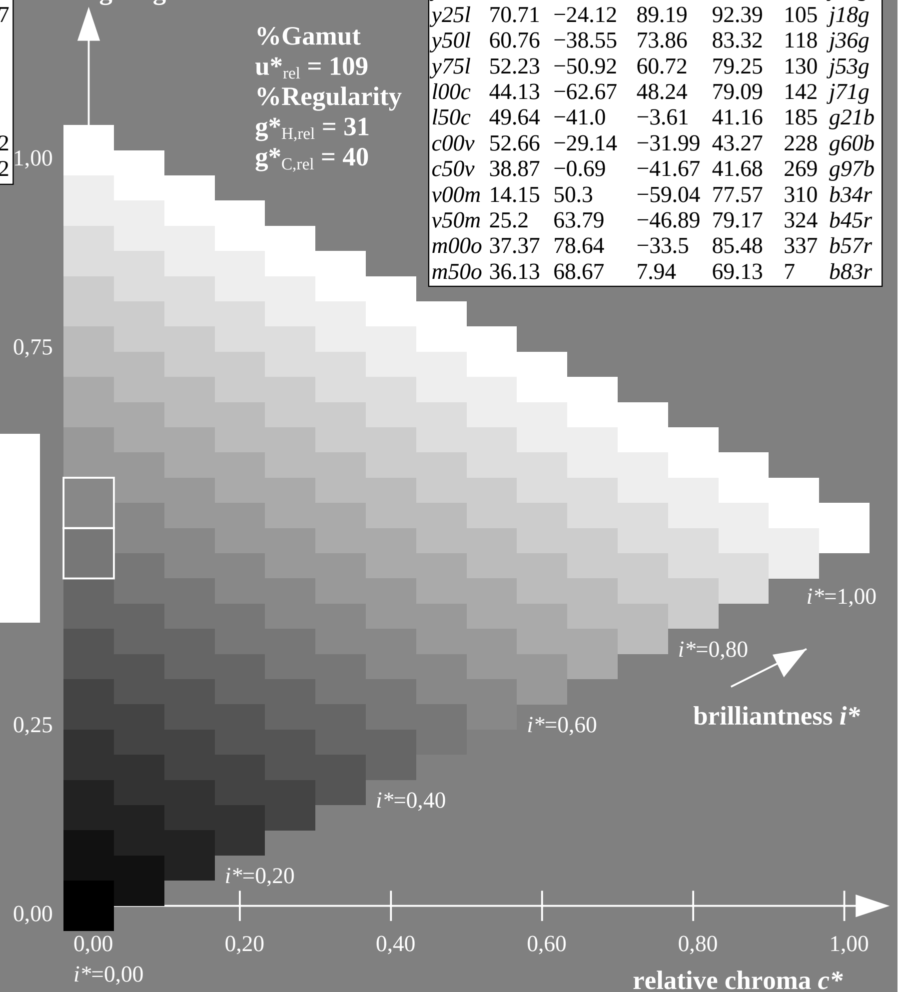
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 67 17 87
$LAB^*LCH^*_{Ma}$: 67 88 78
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

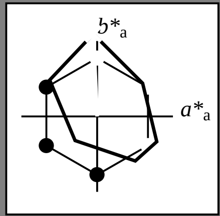
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$ **$u^*_d = y00l$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

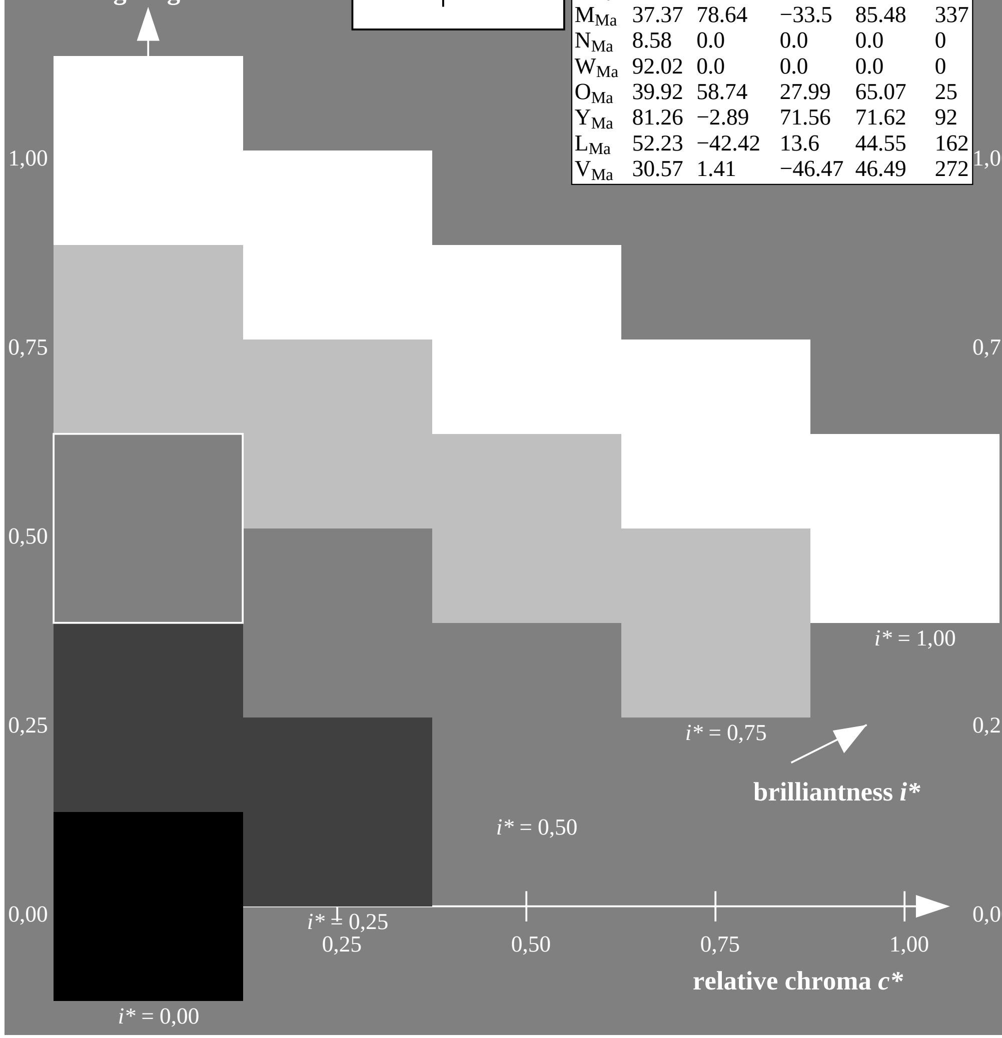


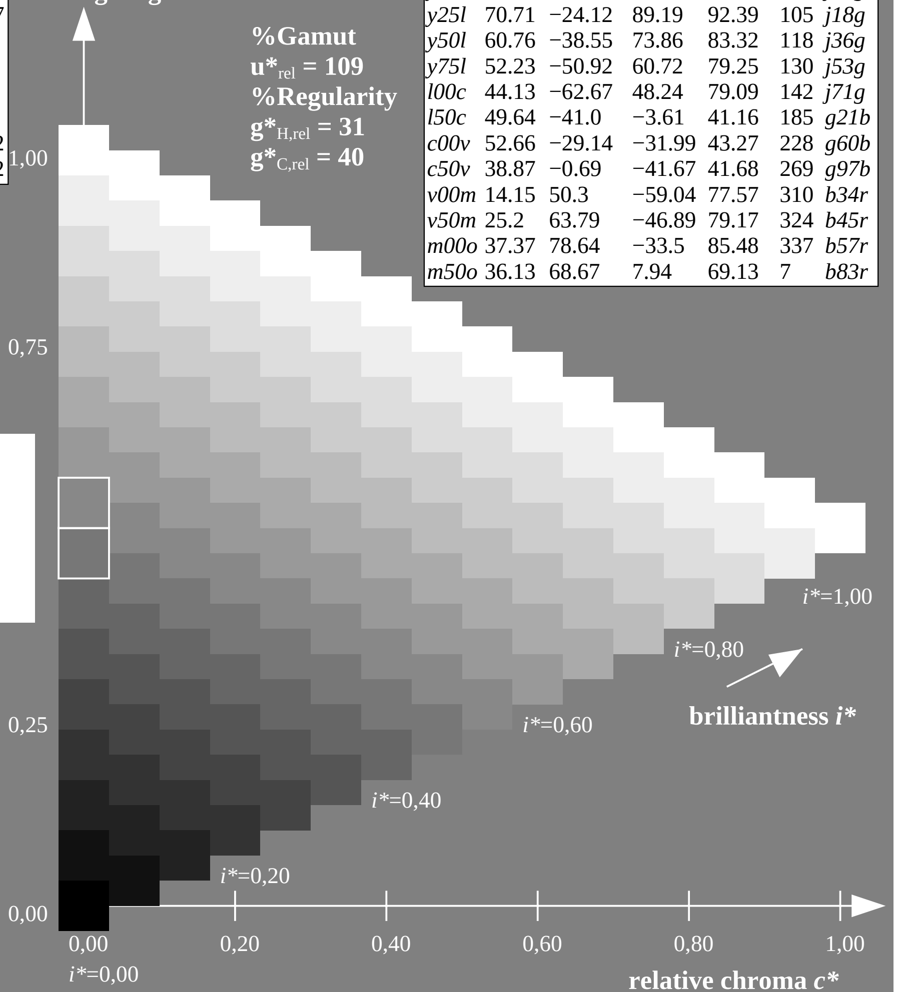
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 84 −5 109**
***LAB*LCH**$_{Ma}$: 84 109 92**
***lab*olv**$_{Ma}$: 1.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.99 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



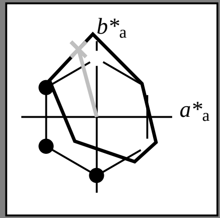


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$ **$u^*_d = y25l$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

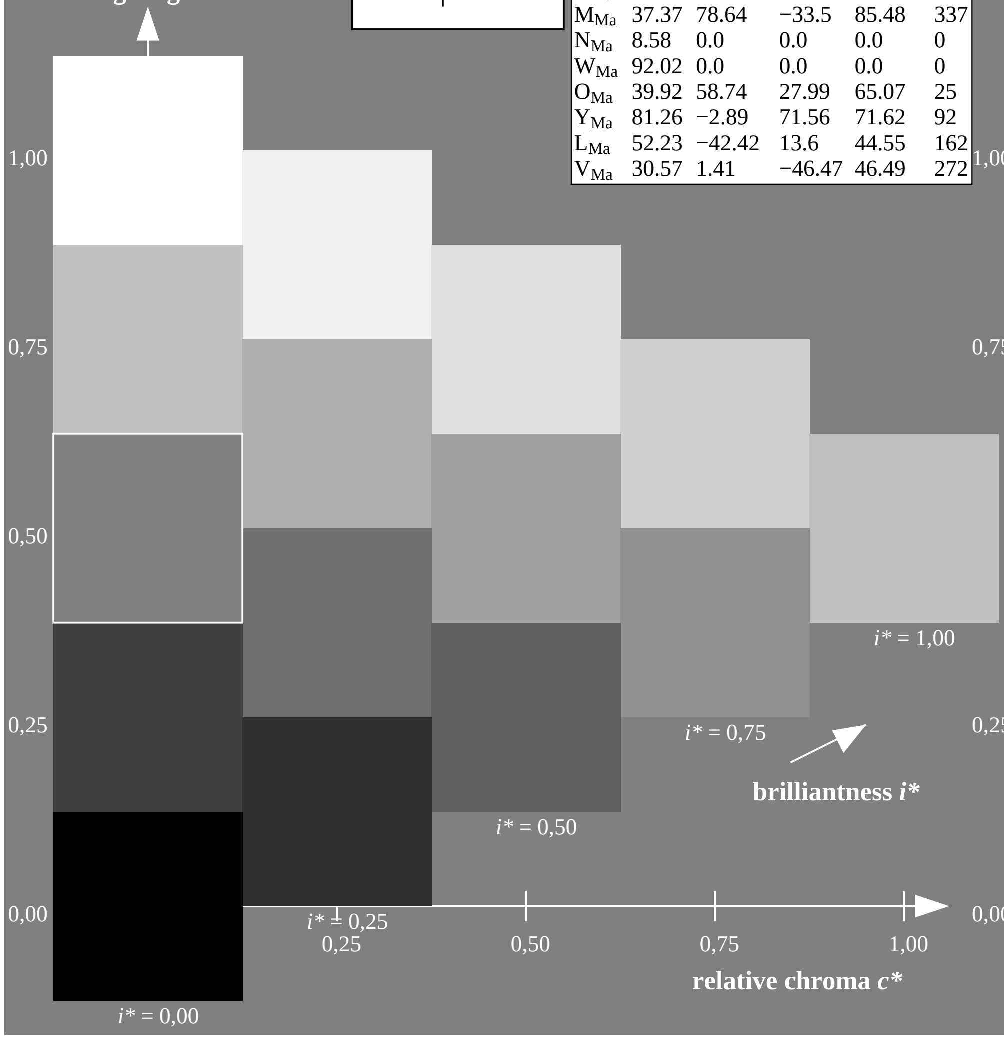


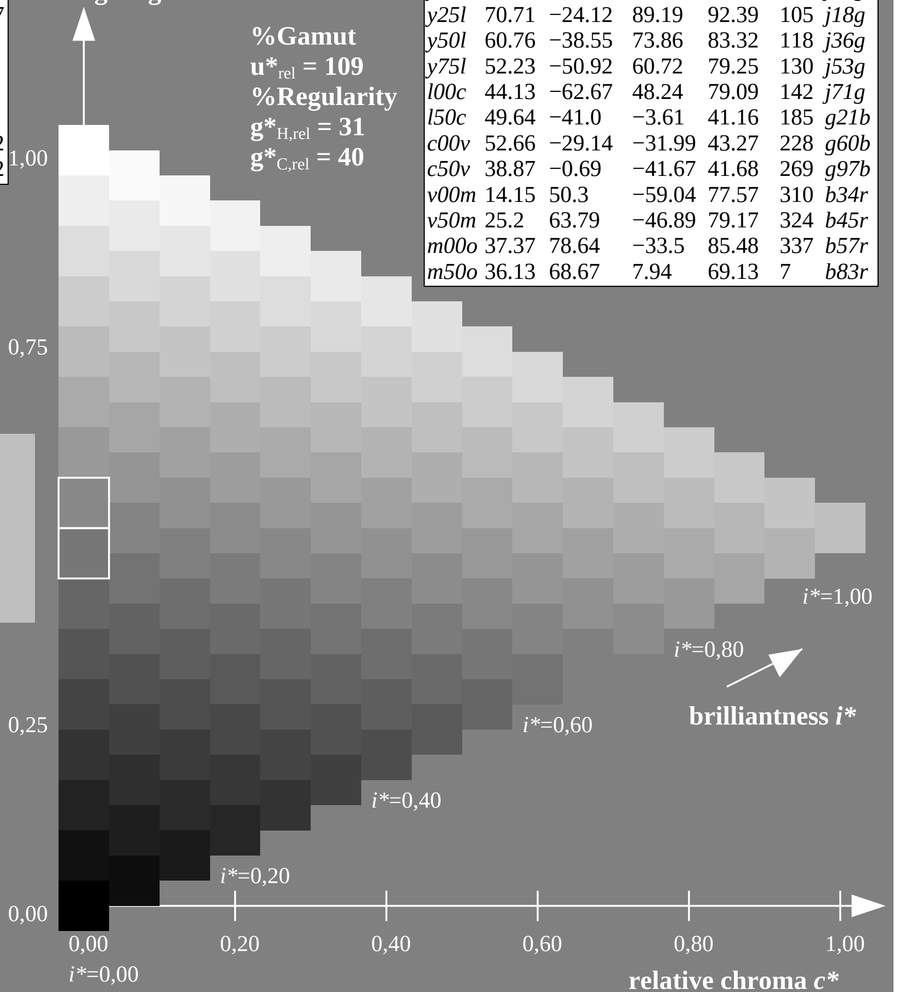
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 71 −24 89**
LAB*LCH*$_{Ma}$**: 71 92 105**
lab*olv*$_{Ma}$**: 0.75 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.82 1.0 0.0**
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

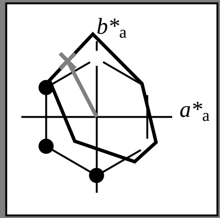
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

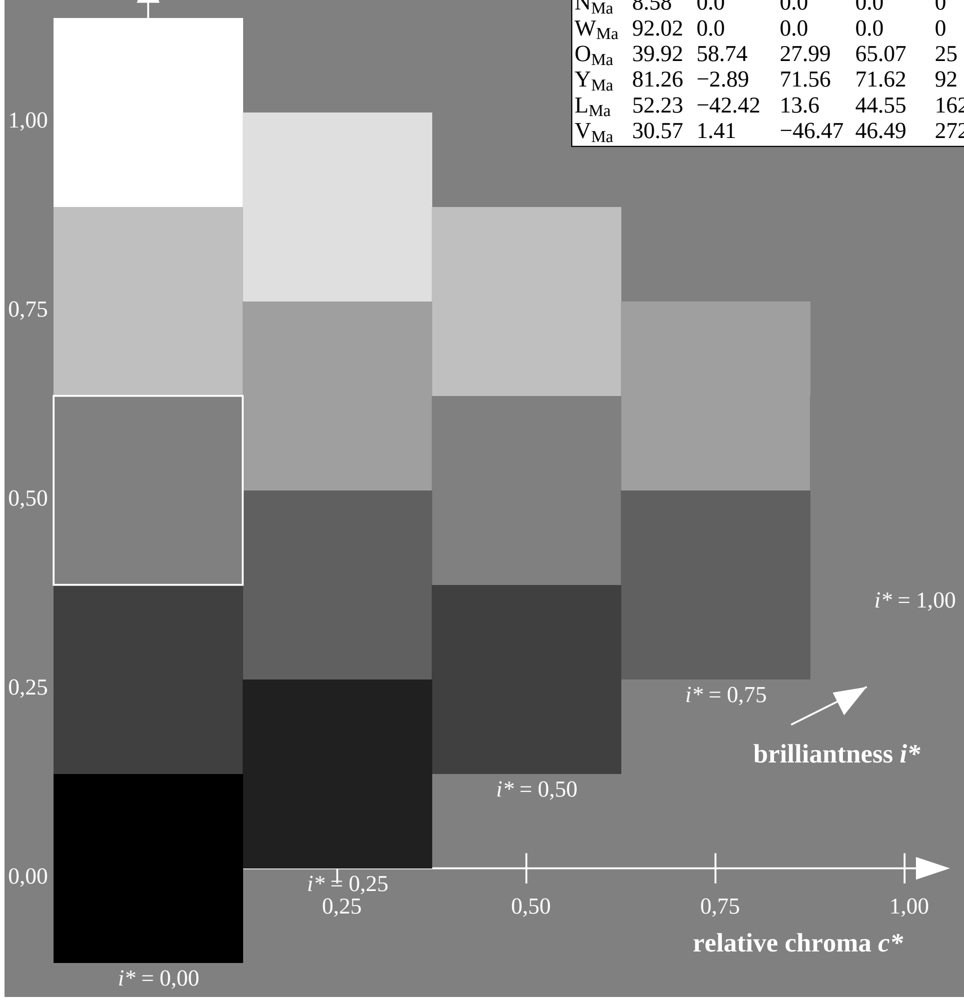
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$ $u^*_d = y50l$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



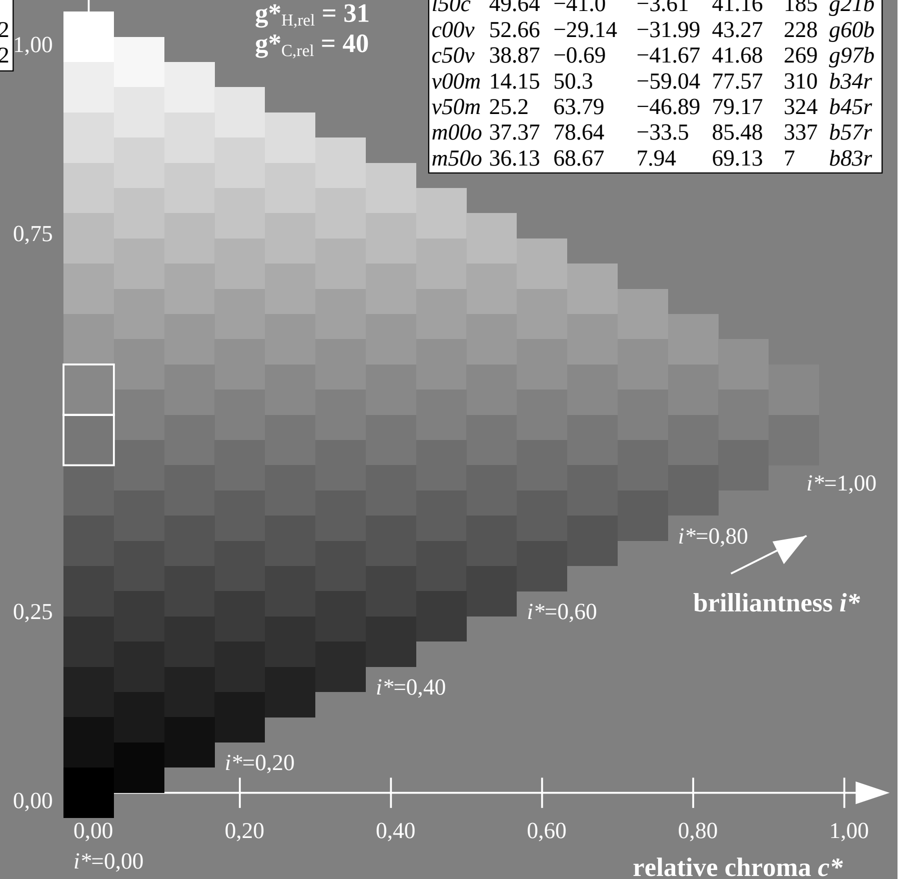
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 61 −39 74**
***LAB*LCH*$_{Ma}$*: 61 83 117**
***lab*olv*$_{Ma}$*: 0.5 1.0 0.0**
***lab*rgb*$_{Ma}$*: 0.64 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

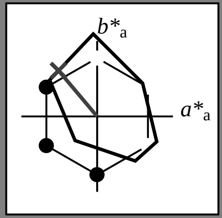


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

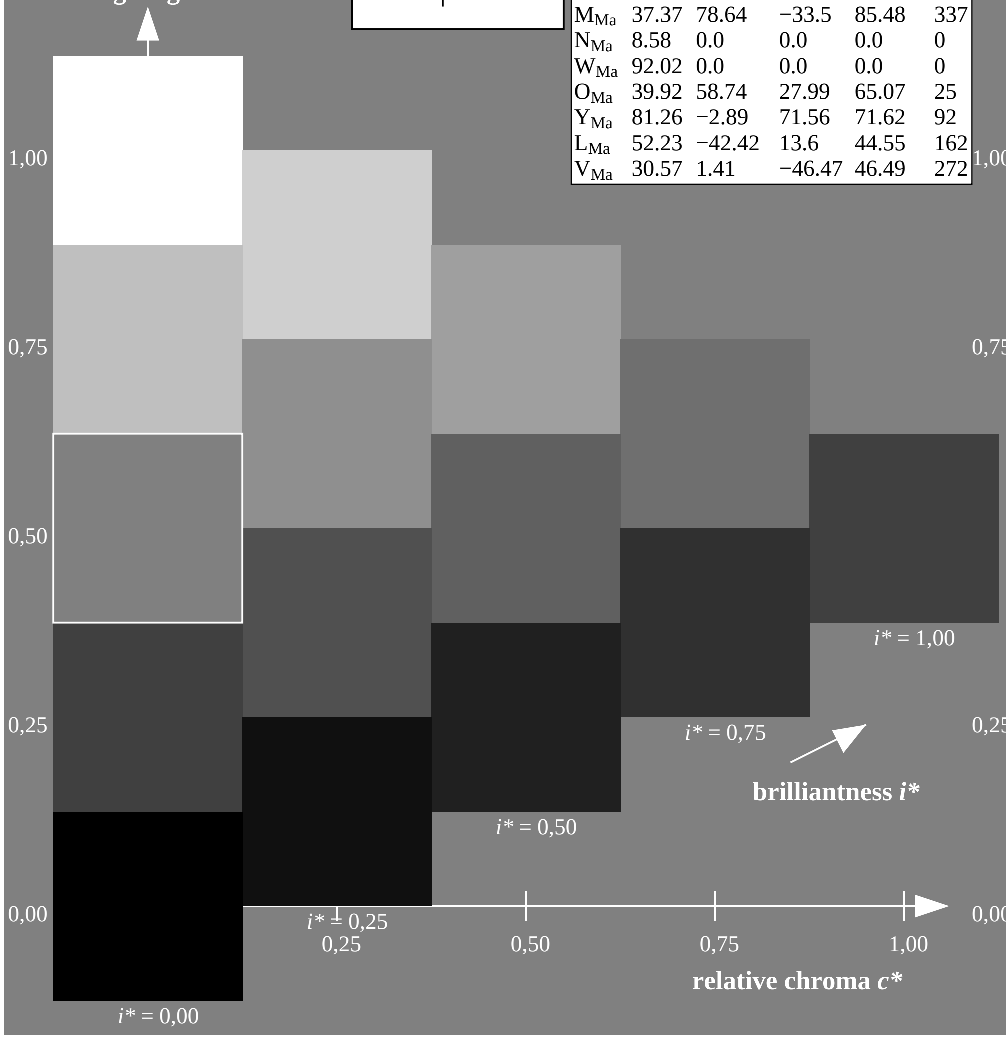
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$ $u^*_d = y75l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

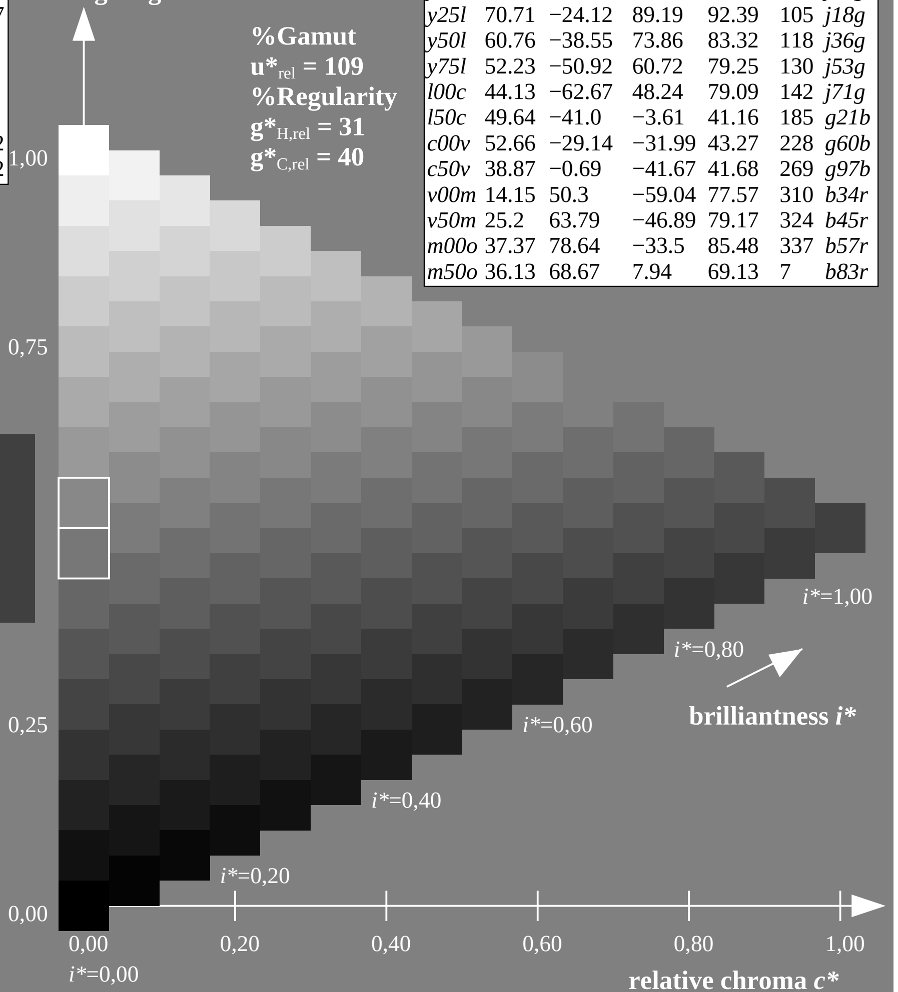


Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −51 61
*LAB*LCH**$_{Ma}$: 52 79 129
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.46 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



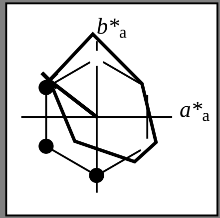
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

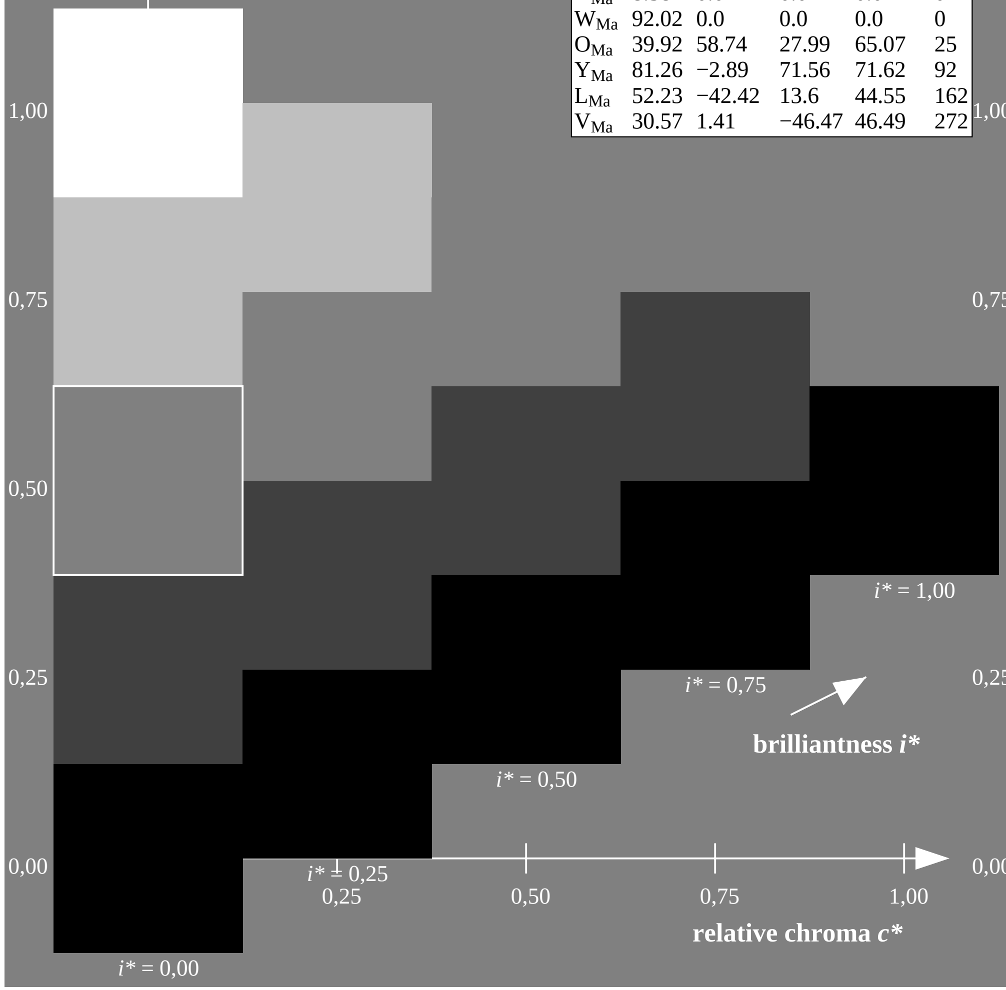
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$ $u^*_d = l00c$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



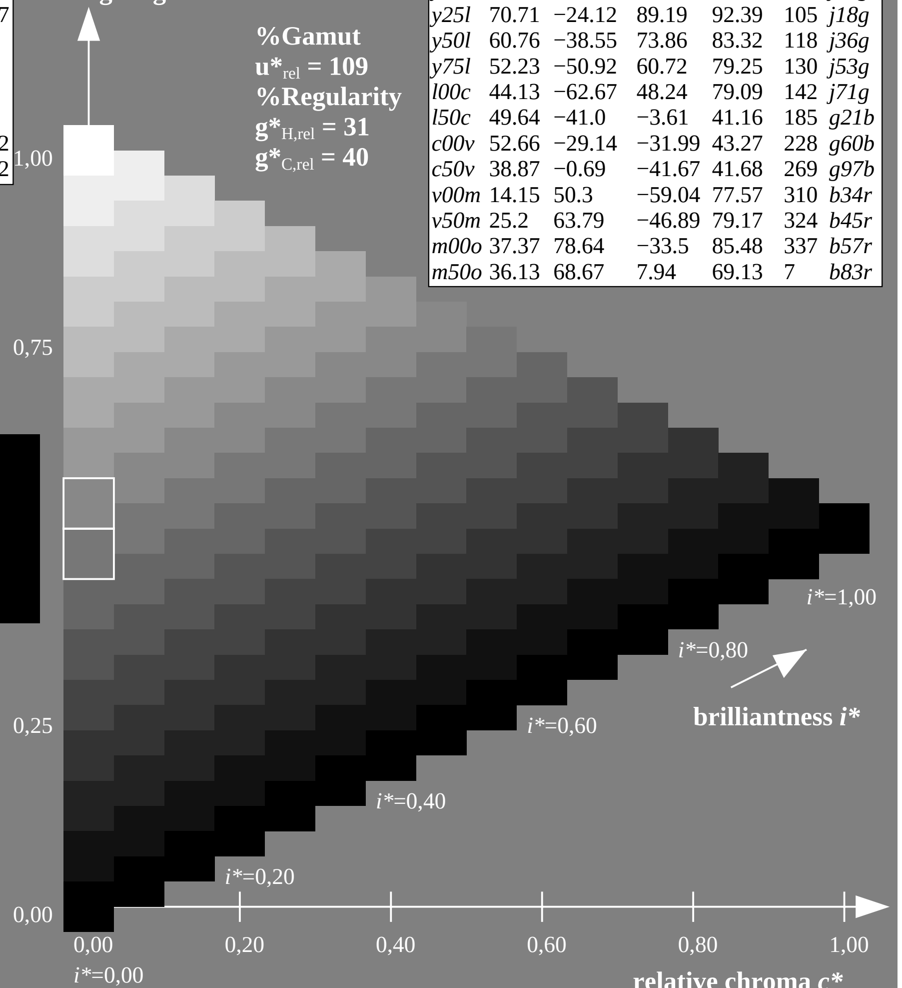
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 44 −63 48
*LAB*LCH**$_{Ma}$: 44 79 142
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.28 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



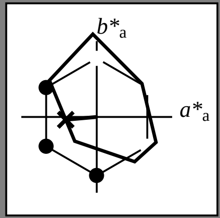
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

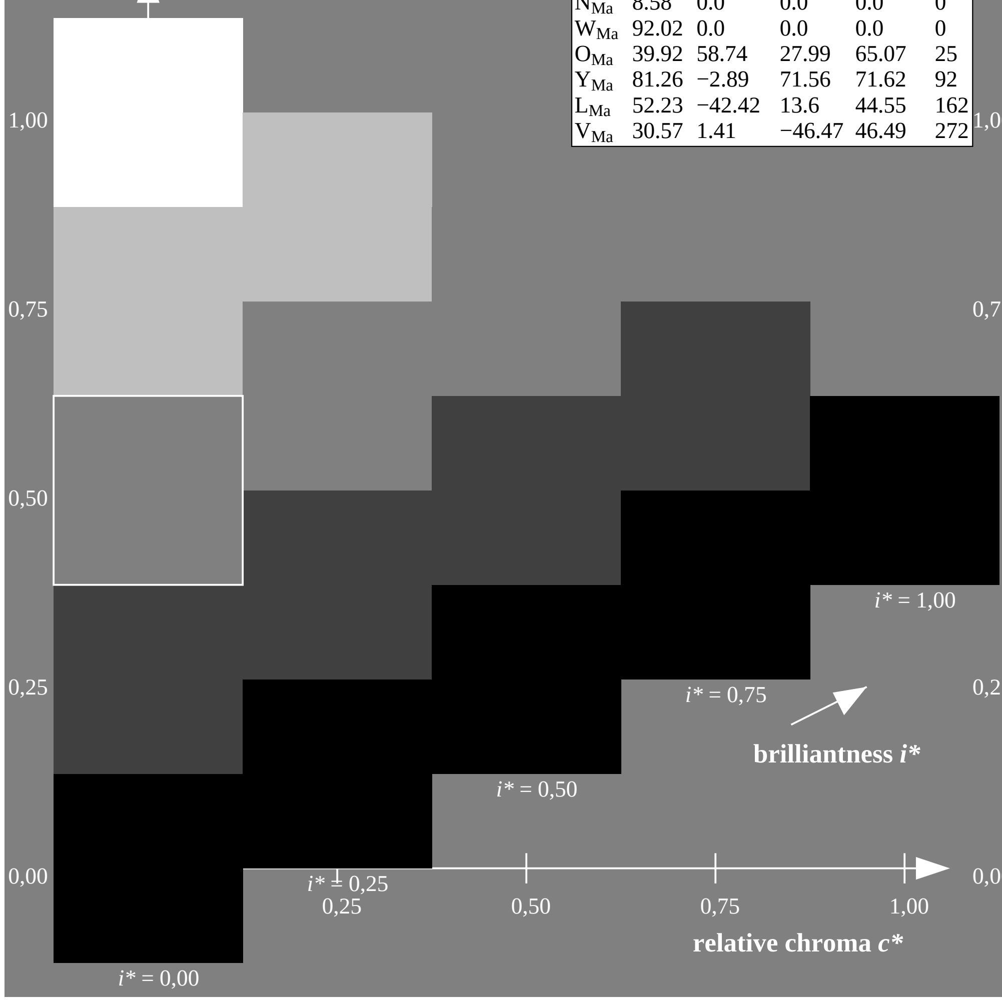
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$ ***$u^*_d = l50c$***

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



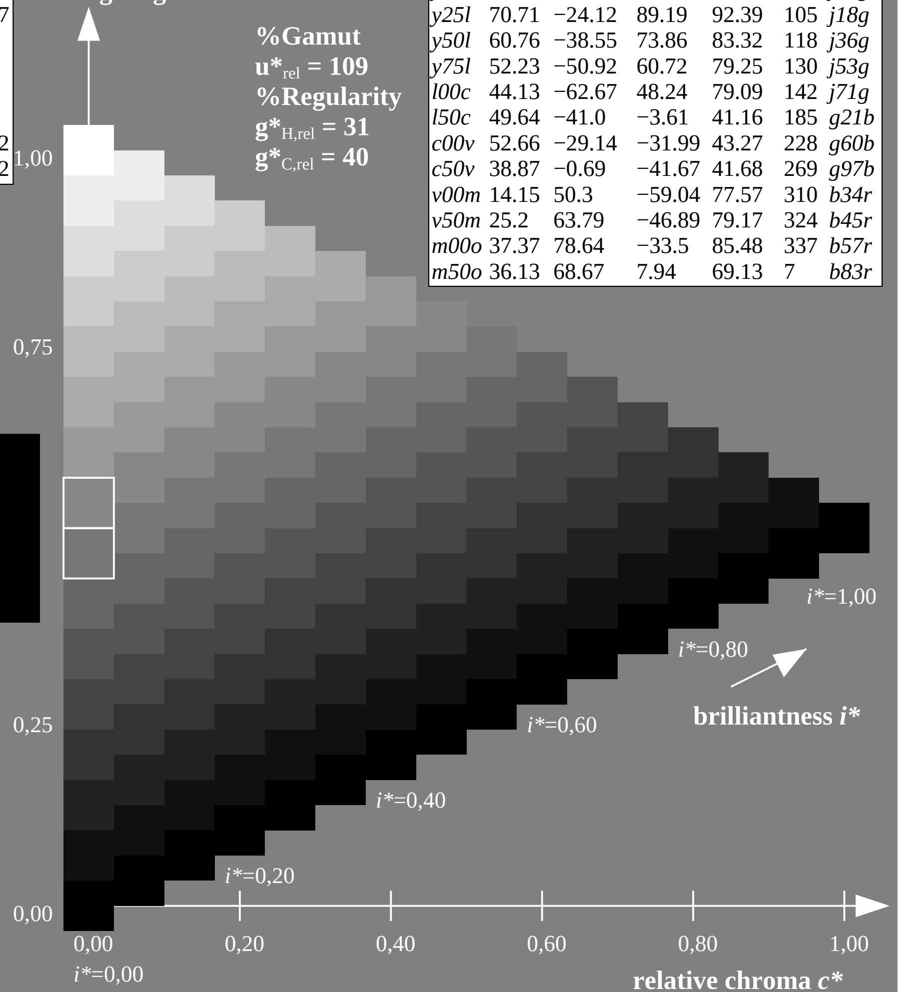
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 50 −41 −4
$LAB^*LCH^*_{Ma}$: 50 41 185
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

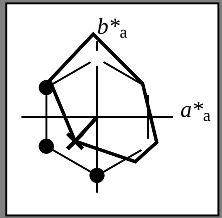


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

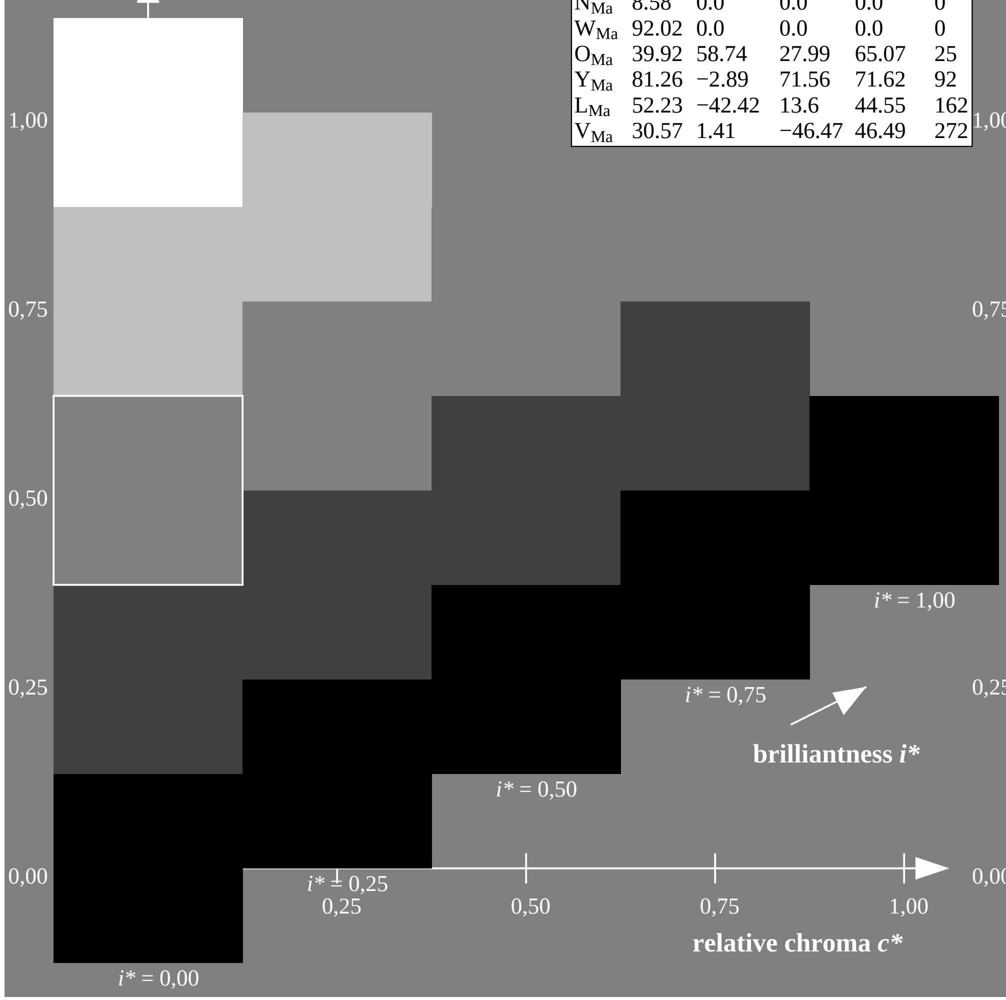
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$ ***u*d = c00v***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Table title: FRS09_92a; adapted (a) CIELAB data

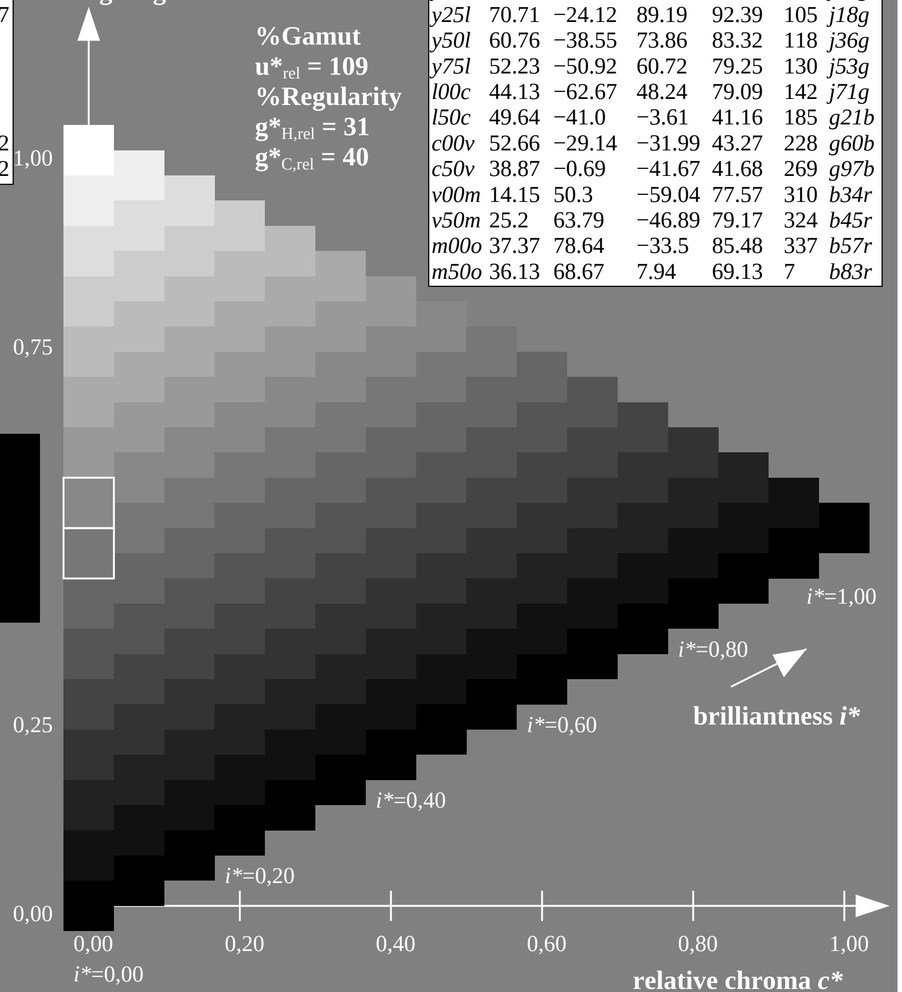


Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −29 −32
$LAB^*LCH^*_{Ma}$: 53 43 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0
triangle lightness ***t****

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

Table title: FRS09_92a; adapted (a) CIELAB data

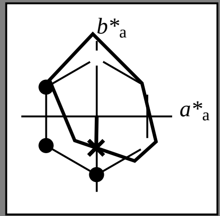


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$ **$u^*_d = c50v$**

data for any colour:
lab^*tch^* and lab^*icu^*
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

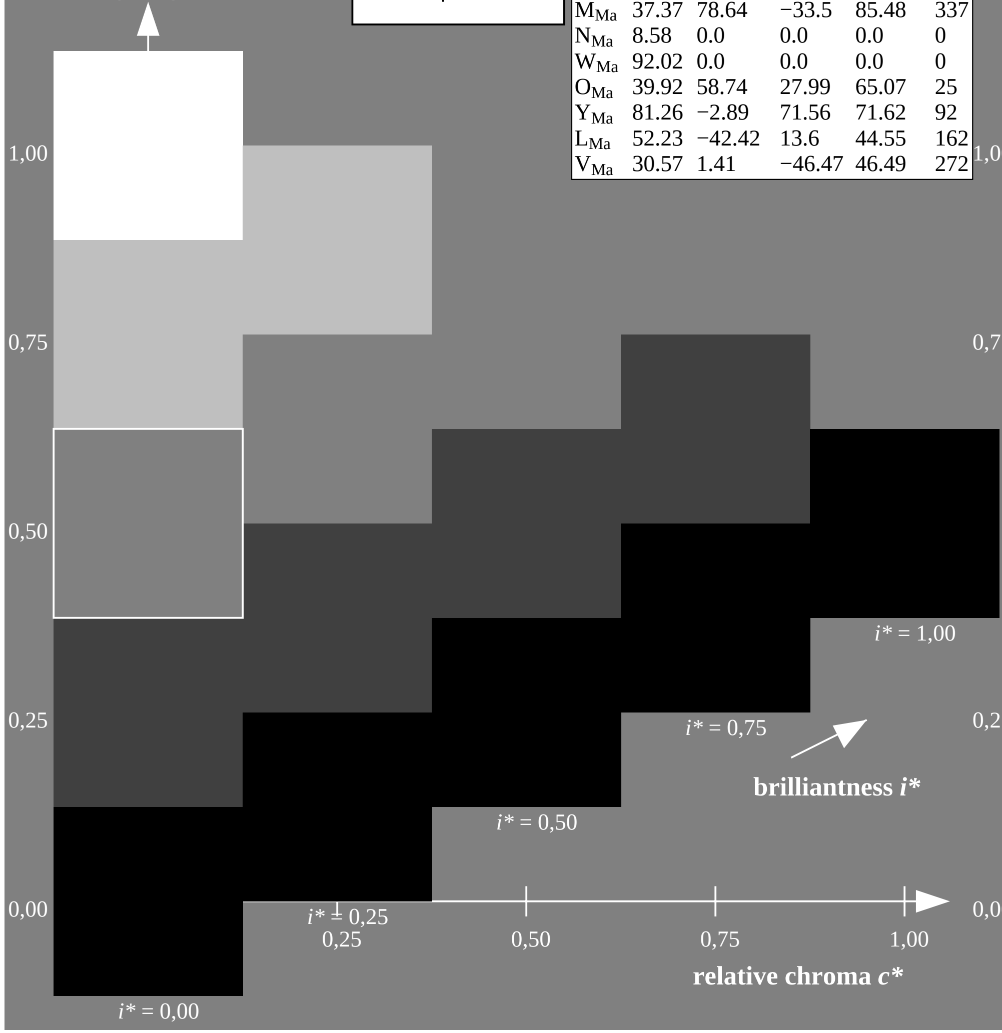


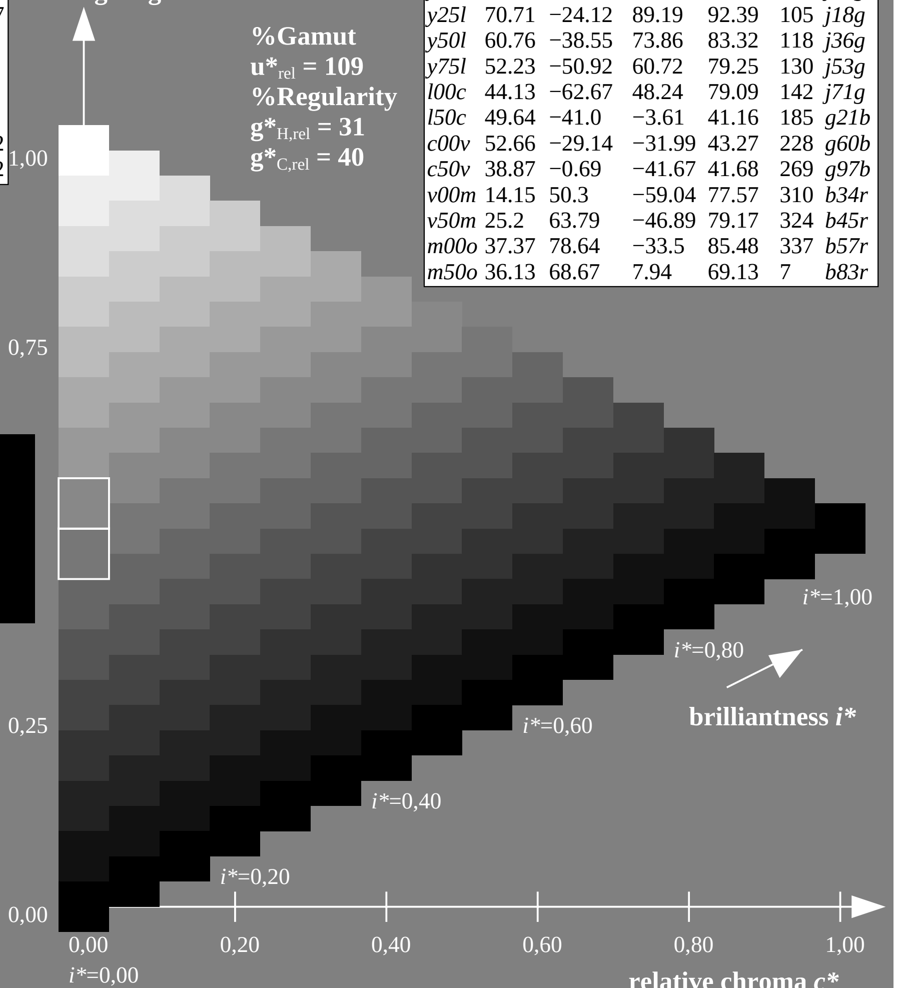
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 −1 −42
$LAB^*LCH^*_{Ma}$: 39 42 269
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

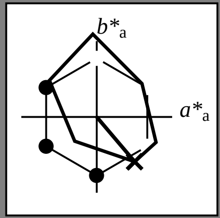
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

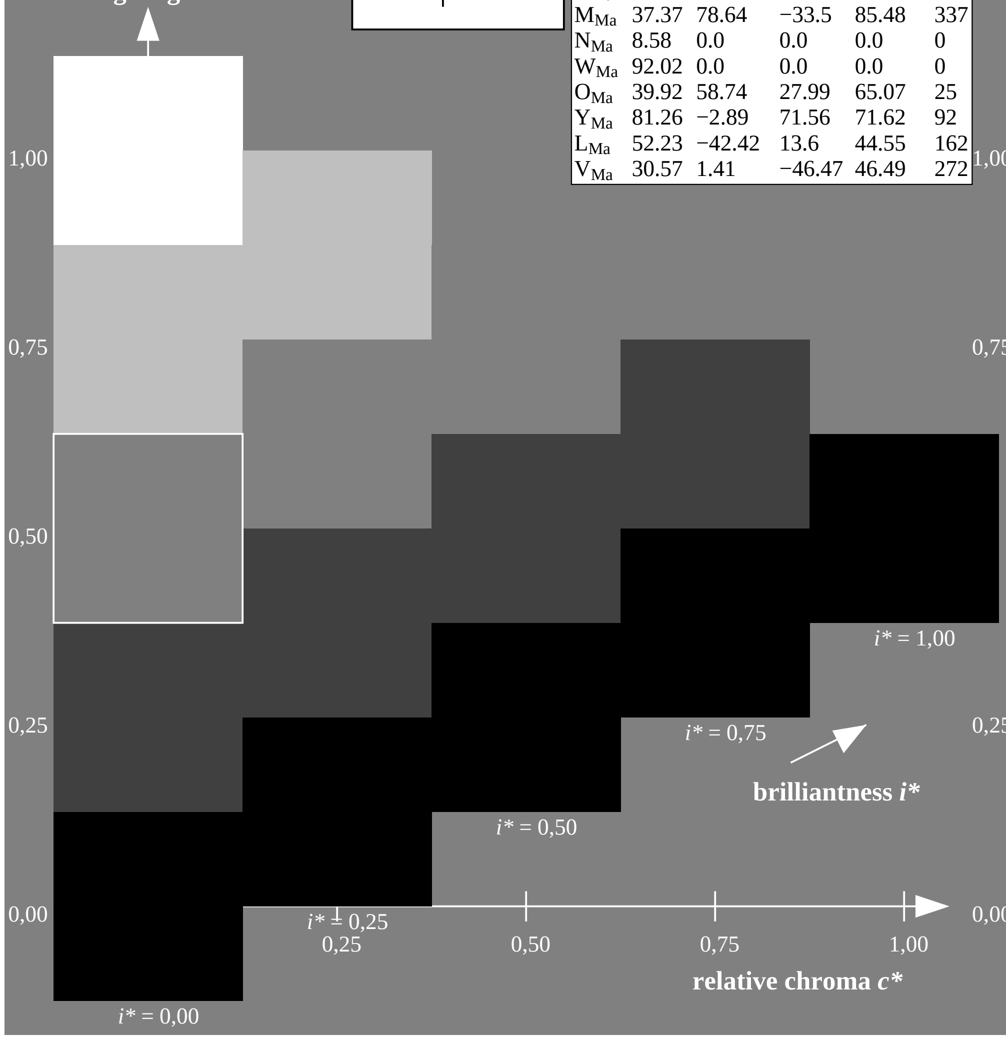
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.862** ***u****$_d$ ***= v00m***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u*$_d$ ***= v00m u****$_e$ ***= b34r***
contrast reduction factor:
c_R **= 1.0**
triangle lightness *t**



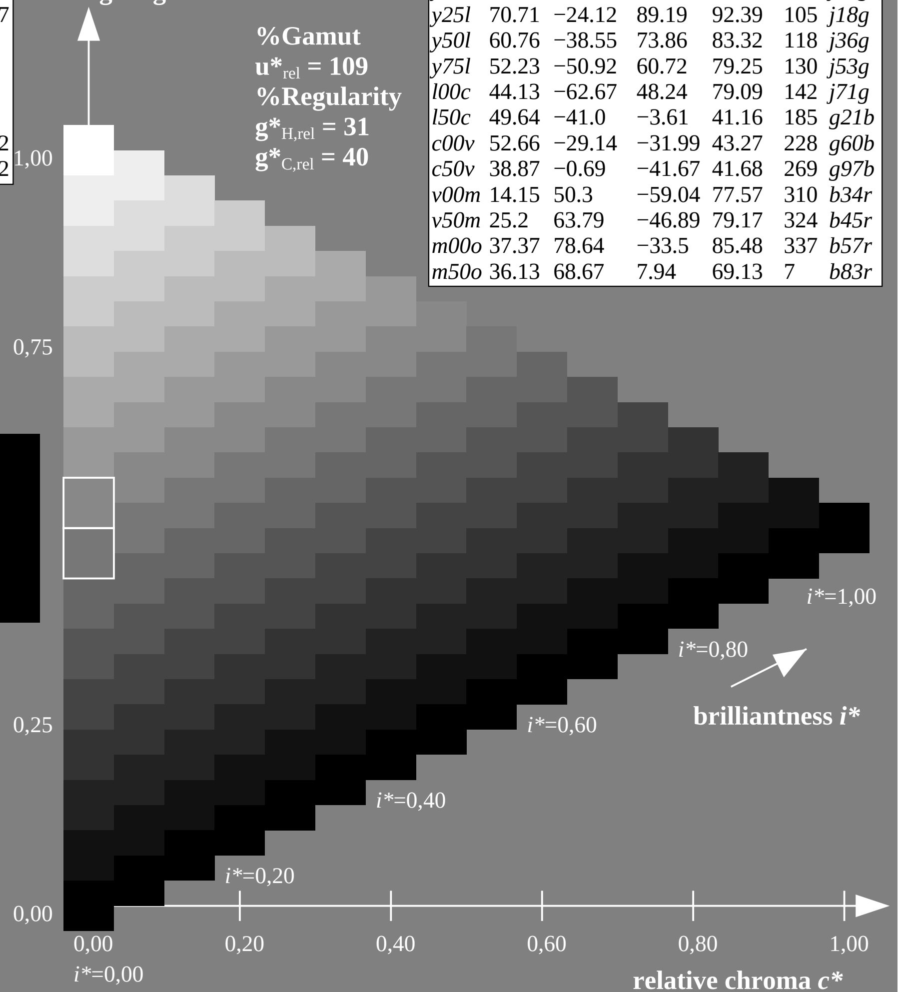
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 14 50 −59**
LAB*LCH*$_{Ma}$**: 14 78 310**
lab*olv*$_{Ma}$**: 0.0 0.0 1.0**
lab*rgb*$_{Ma}$**: 0.68 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

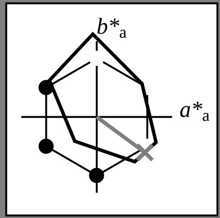


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

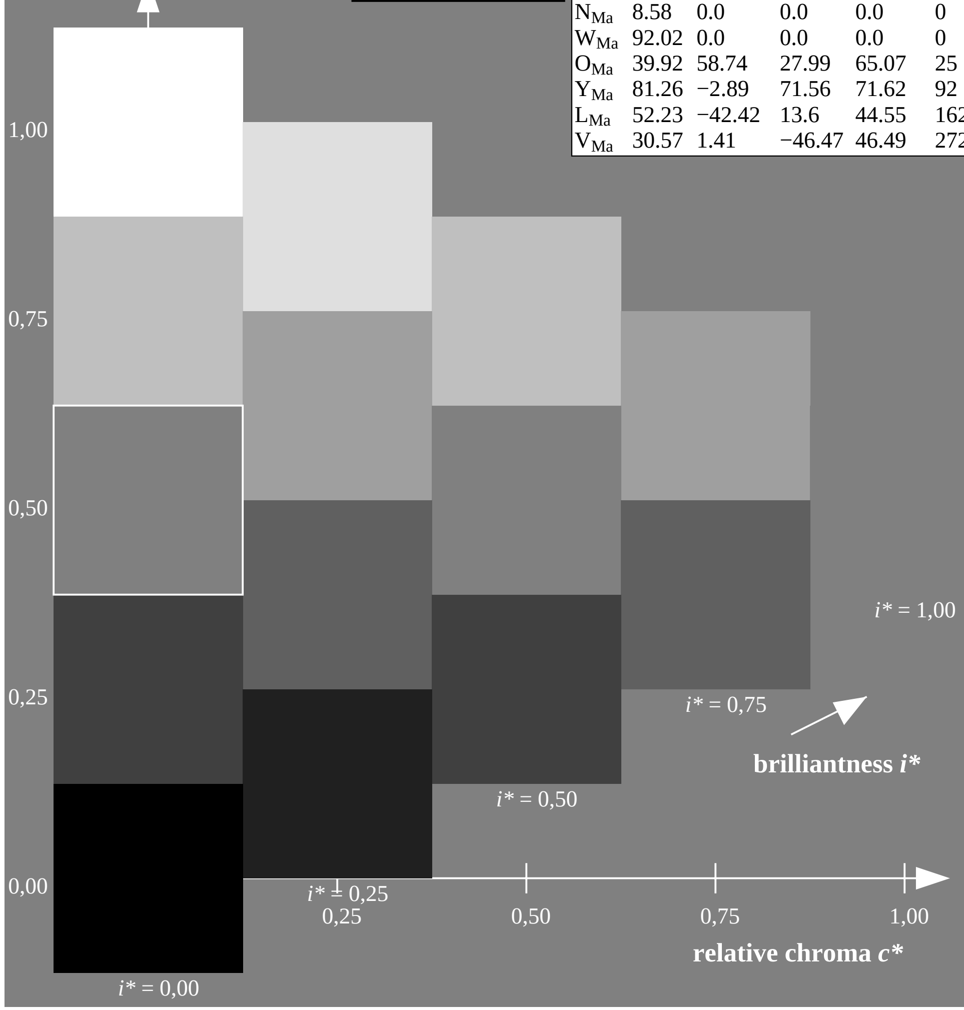
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$ $u^*_d = v50m$

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



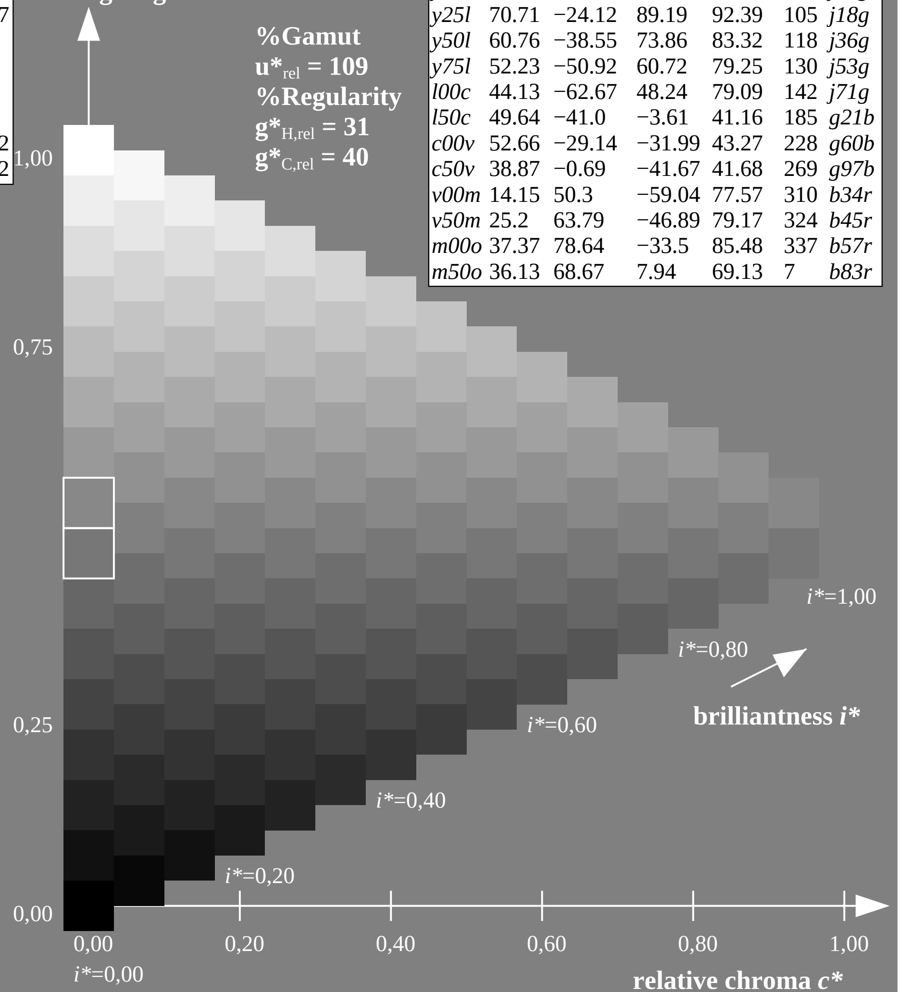
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 25 64 −47
$LAB^*LCH^*_{Ma}$: 25 79 323
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

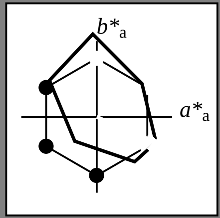


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$ ***u*_d = m00o***

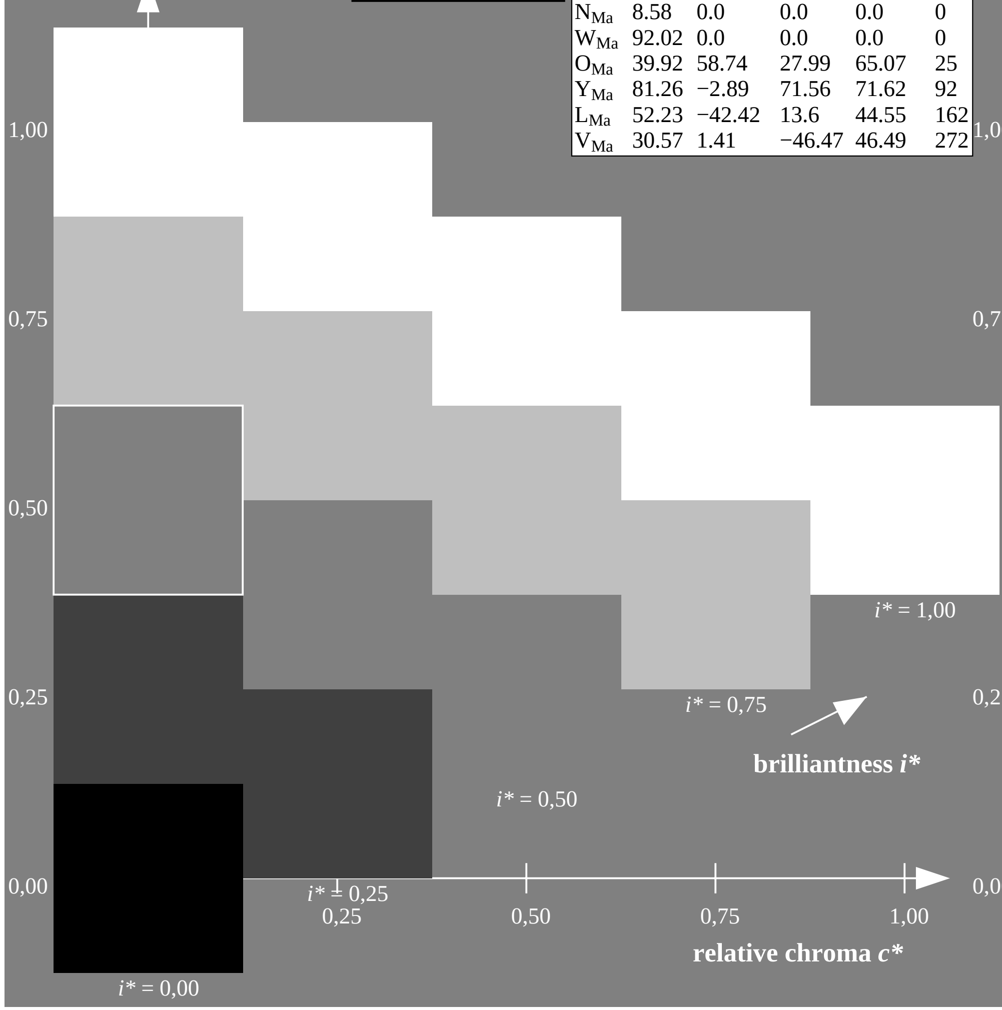
data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u*_d = m00o u*_e = b57r
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

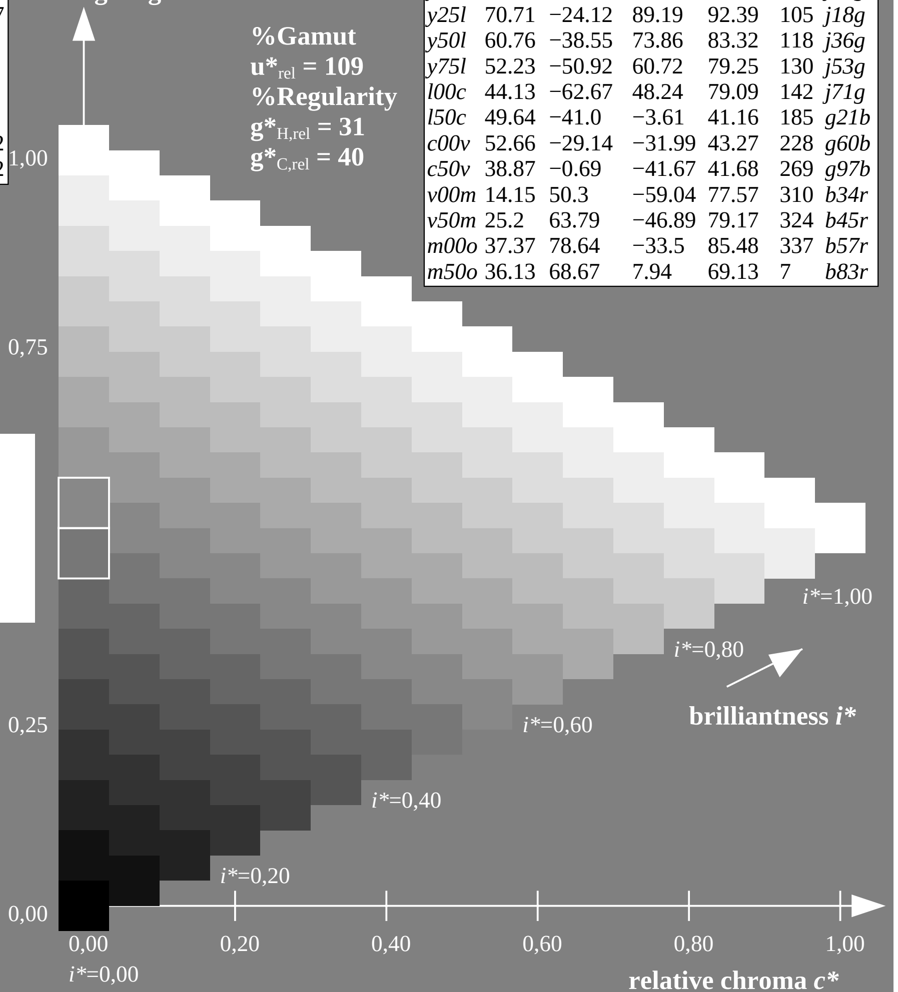


FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*_Ma*: 37 79 −34**
***LAB*LCH*_Ma*: 37 85 336**
***lab*olv*_Ma*: 1.0 0.0 1.0**
***lab*rgb*_Ma*: 1.0 0.0 0.85**
triangle lightness *t**

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

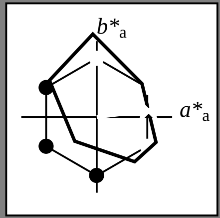
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

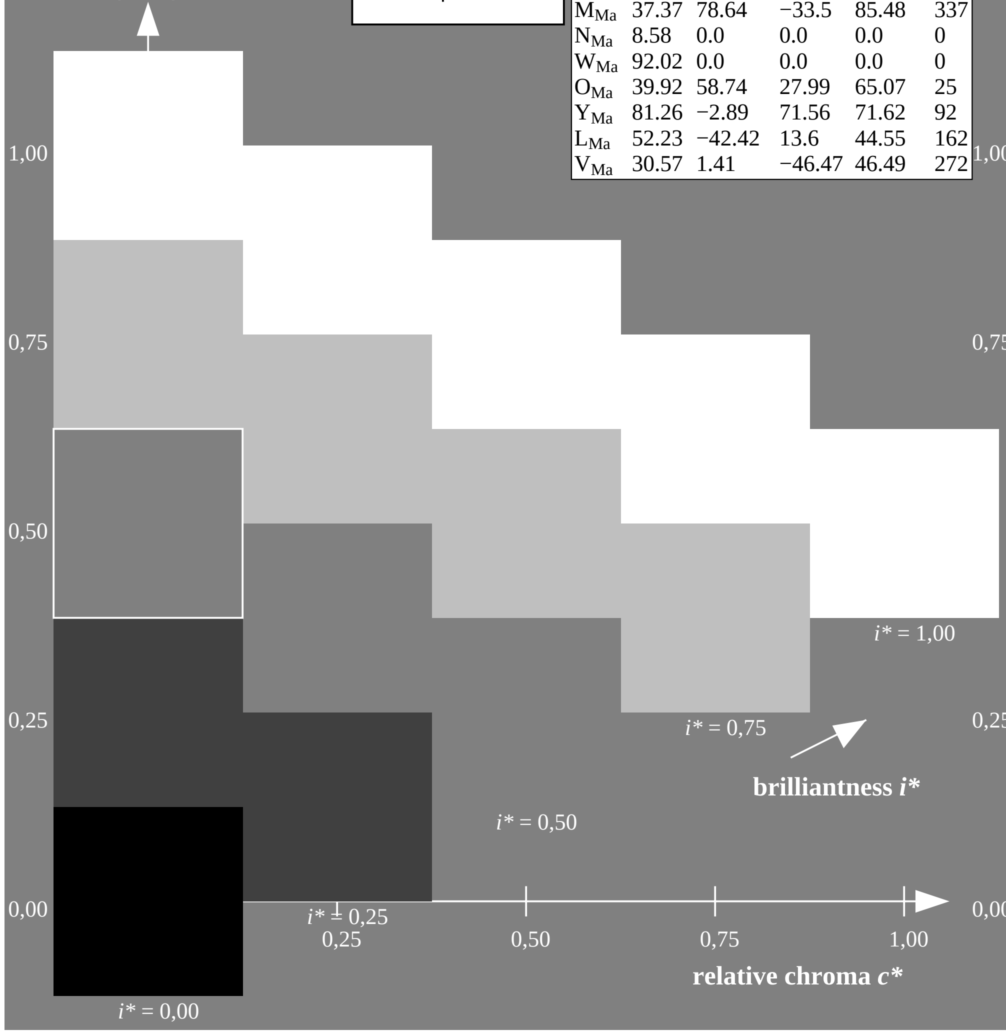
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$ $u^*_d = m50o$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

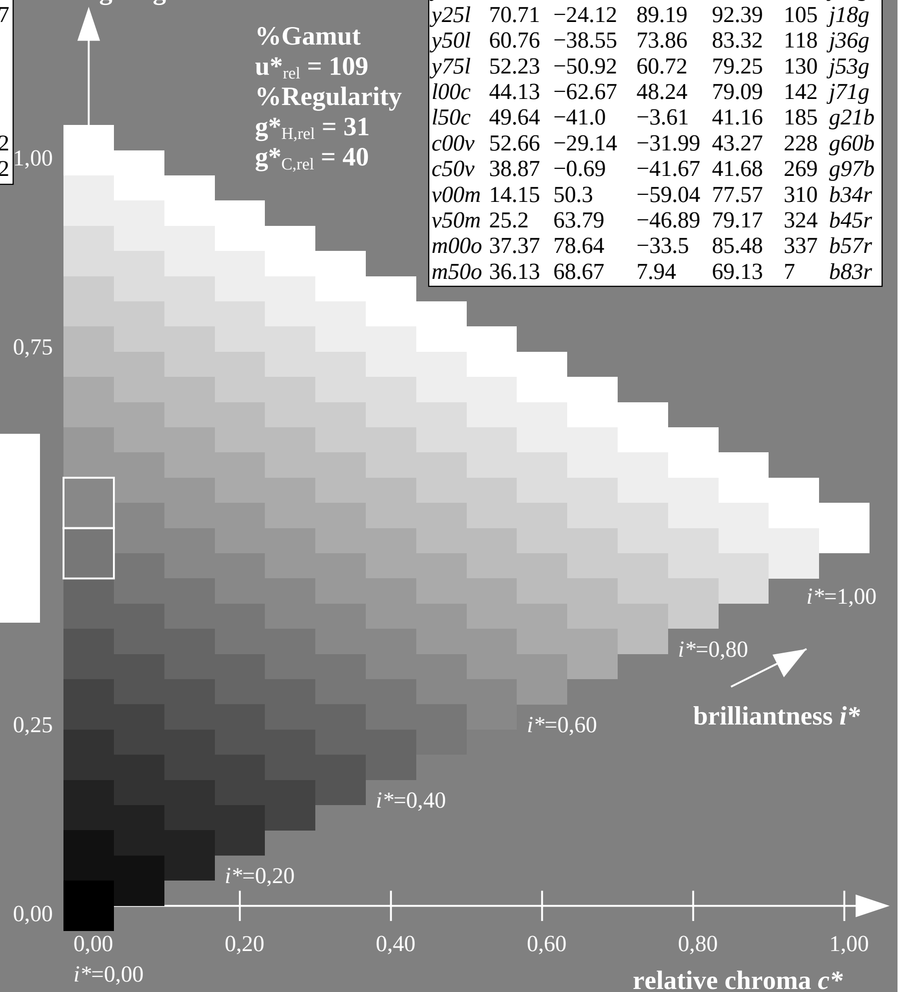


Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 36 69 8
$LAB^*LCH^*_{Ma}$: 36 69 6
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

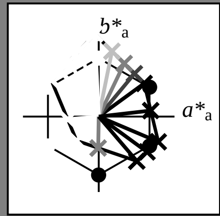
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

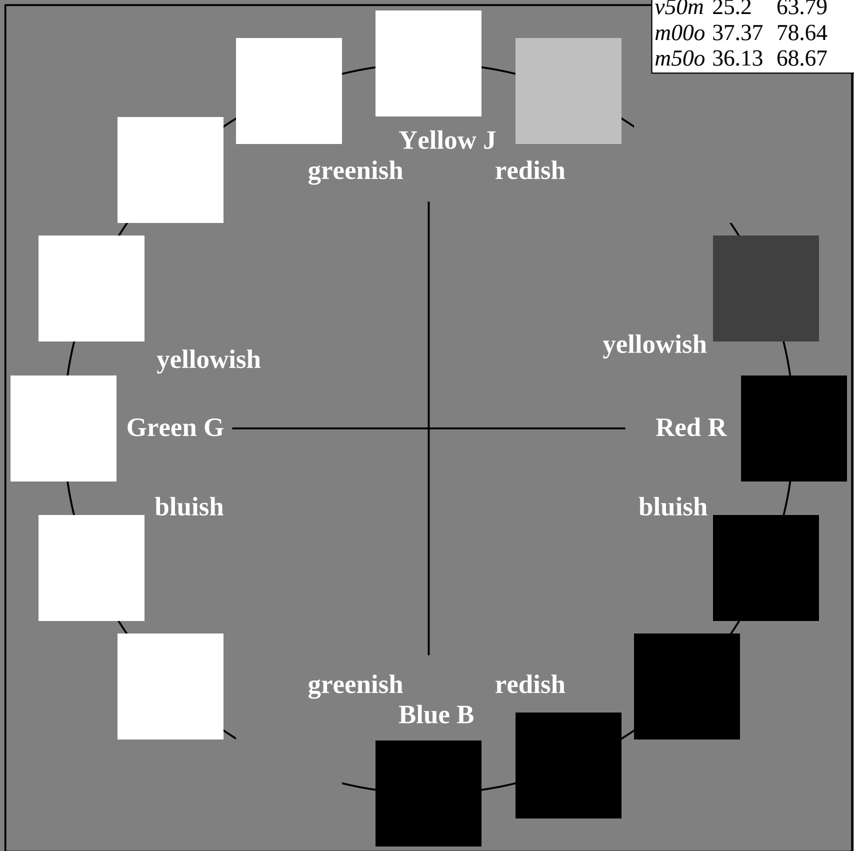
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

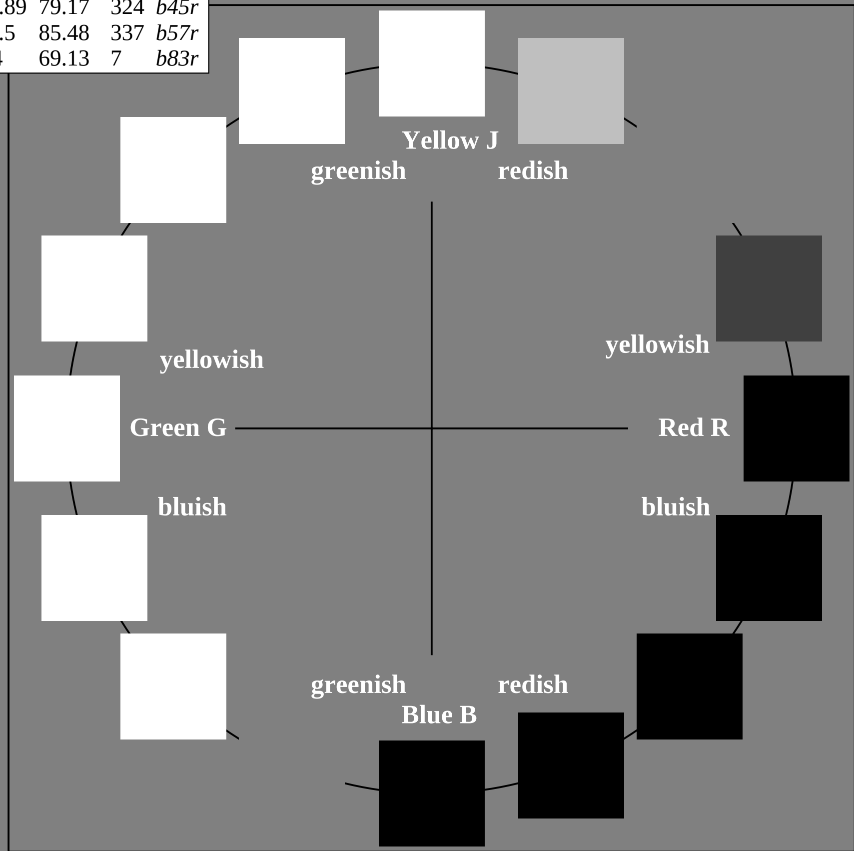


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

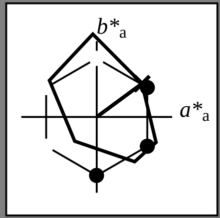
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$ $u^*_d = o00y$

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****

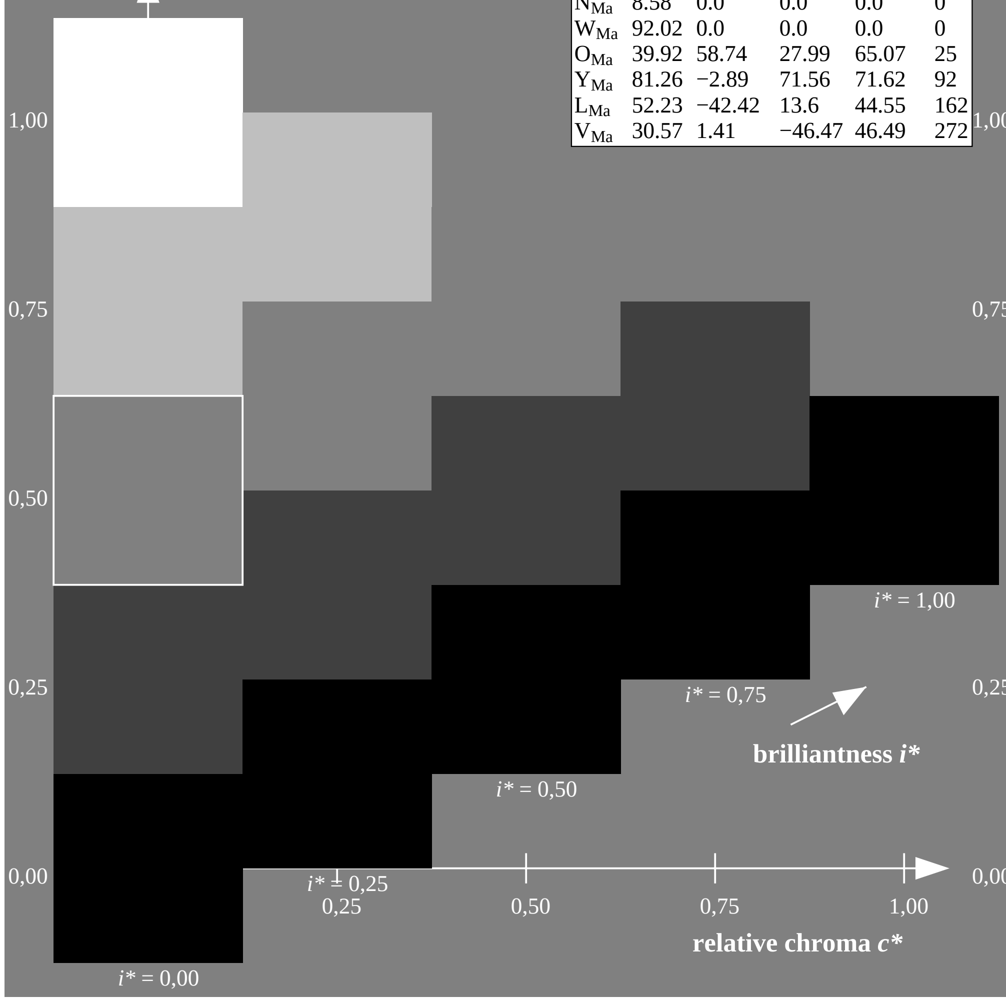


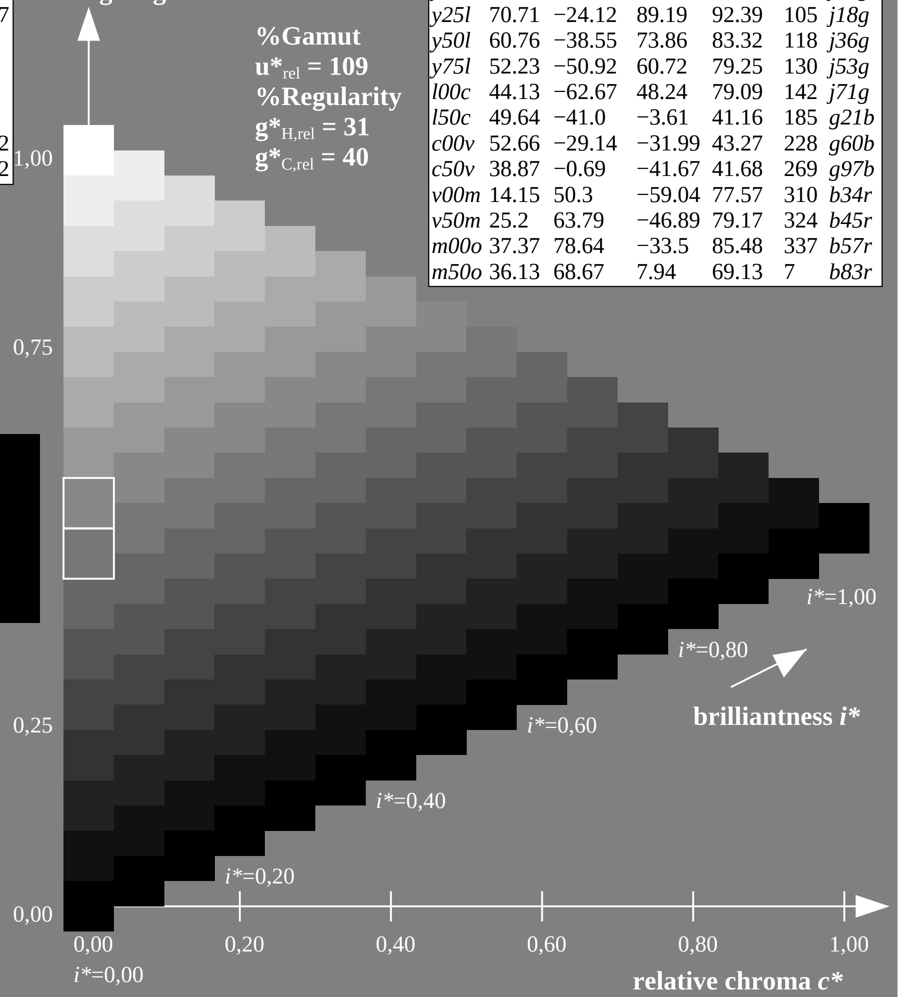
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 35 60 44**
LAB*LCH*$_{Ma}$**: 35 74 36**
lab*olv*$_{Ma}$**: 1.0 0.0 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.16 0.0**
triangle lightness ***t****

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$



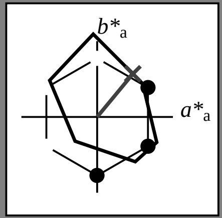


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

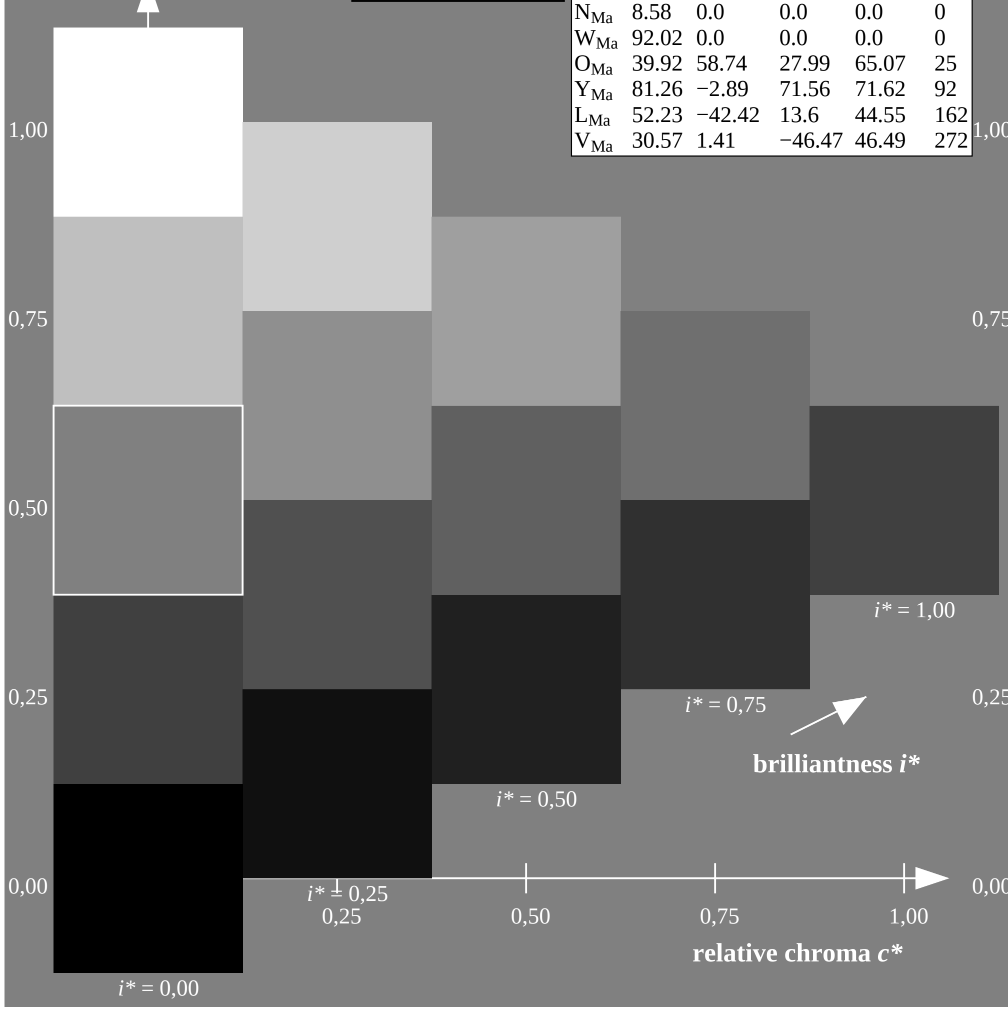
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$ $u^*_d = o25y$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o25y$ $u^*_e = r37j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

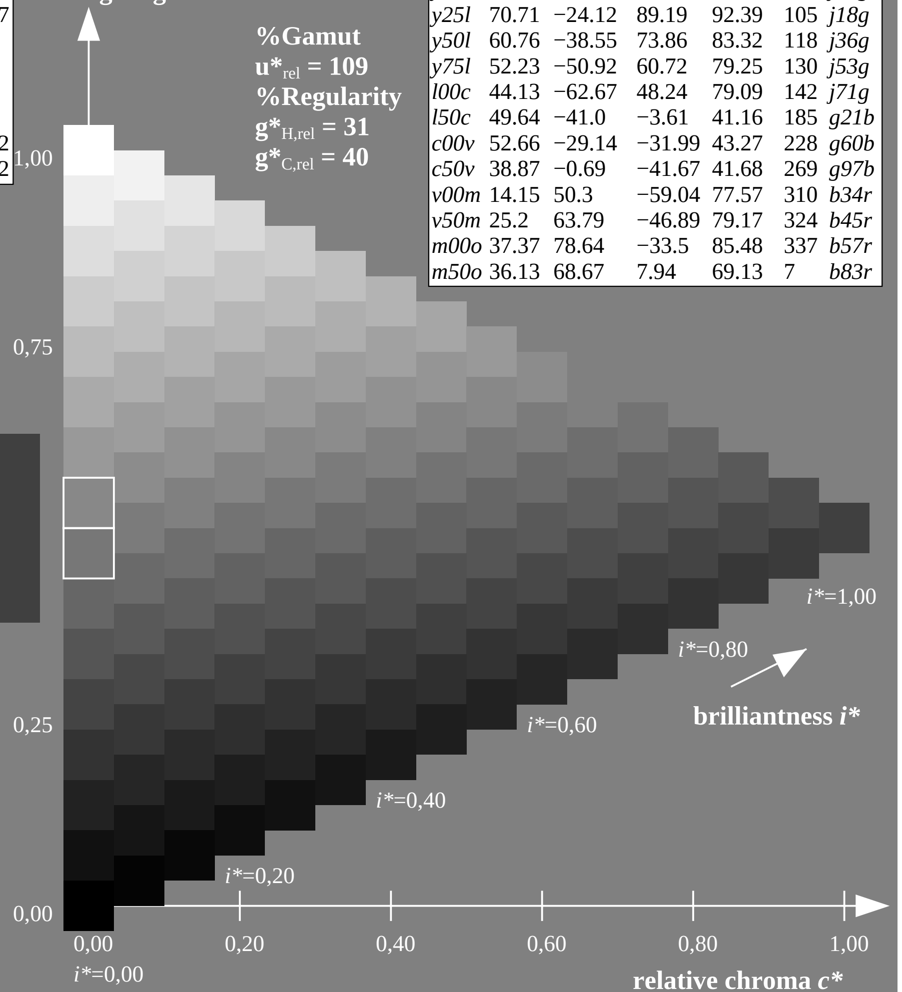


Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 45 47 57
$LAB^*LCH^*_{Ma}$: 45 74 50
$lab^*olv^*_{Ma}$: 1.0 0.25 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



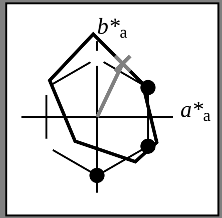
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$ **$u^*_d = o50y$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o50y$ $u^*_e = r58j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

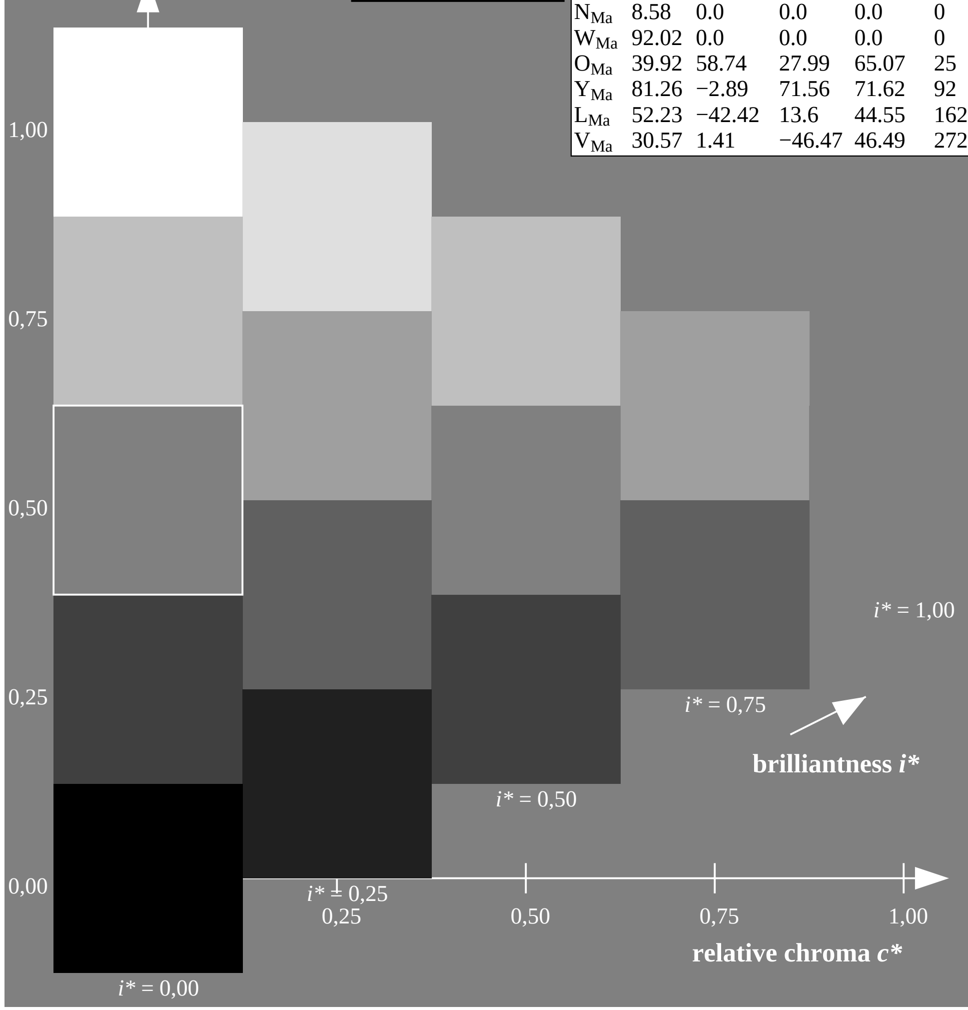


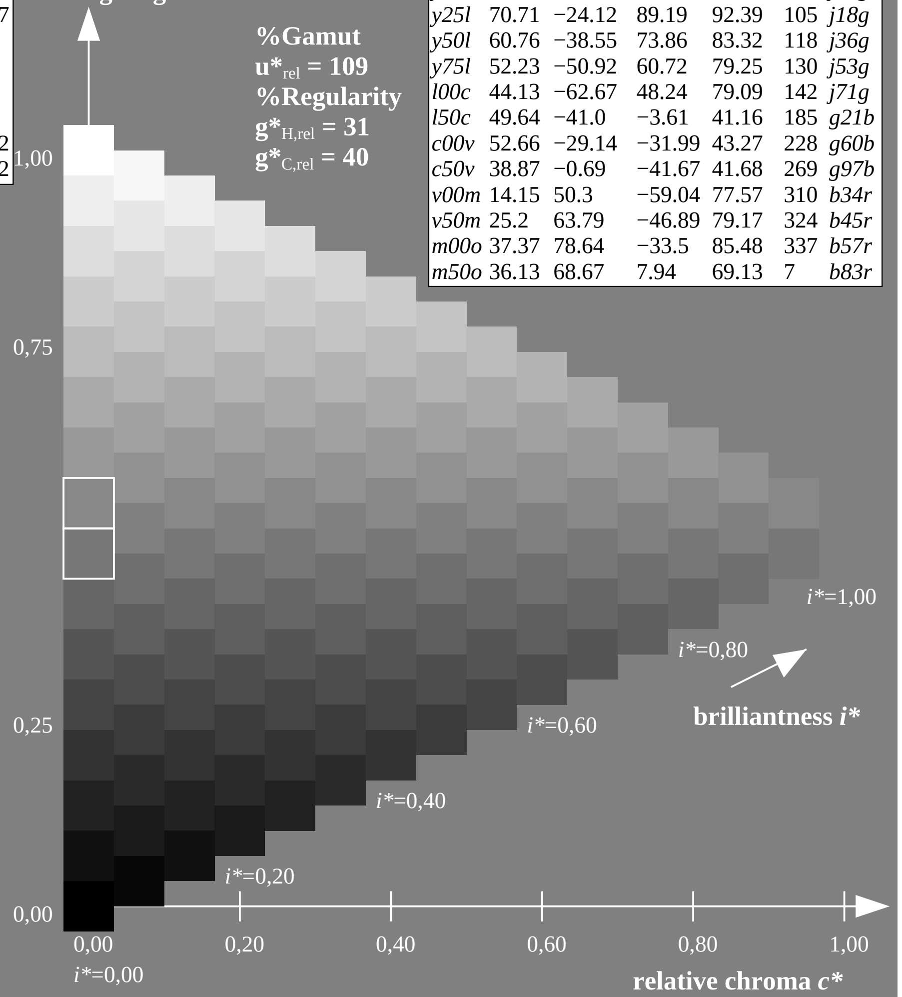
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 55 34 70**
***LAB*LCH*$_{Ma}$*: 55 78 64**
***lab*olv*$_{Ma}$*: 1.0 0.5 0.0**
***lab*rgb*$_{Ma}$*: 1.0 0.58 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





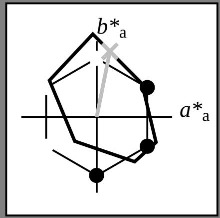
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

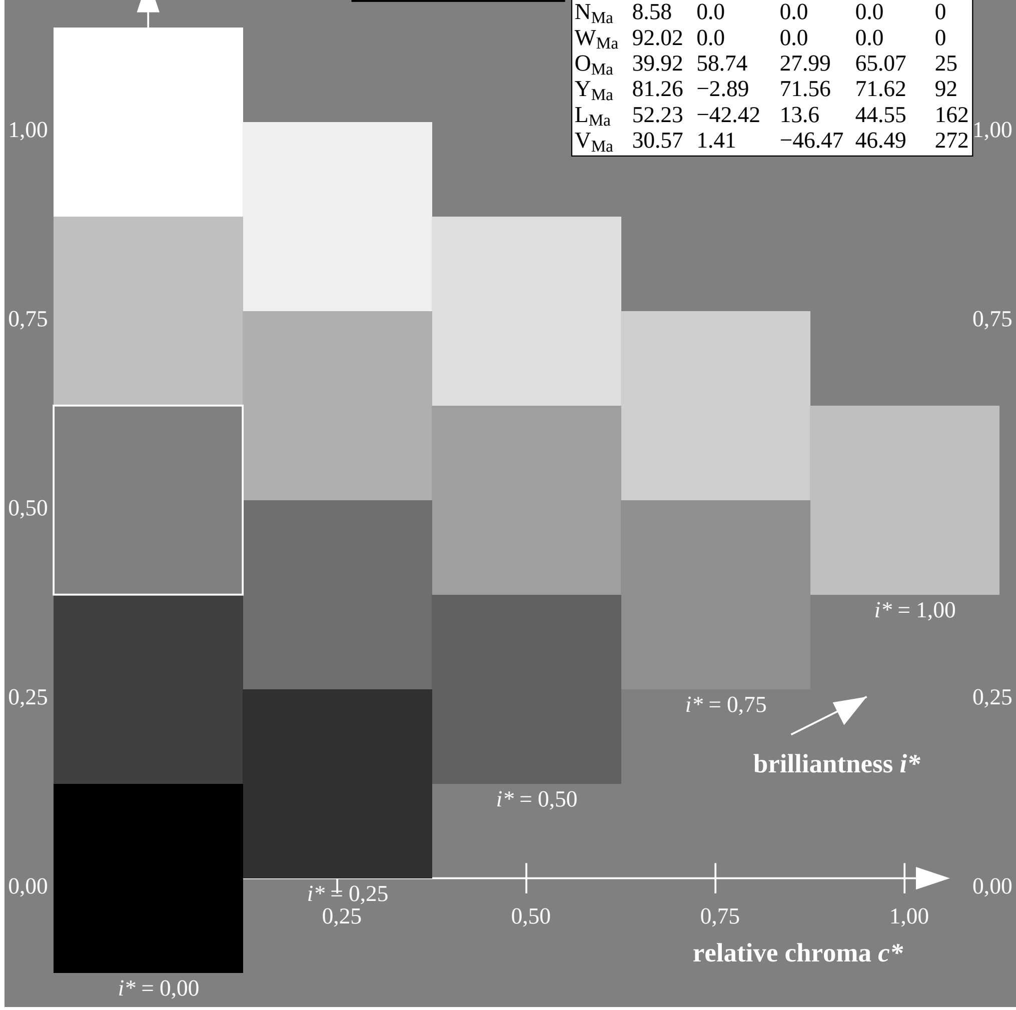
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$ **$u^*_d = o75y$**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = o75y$ $u^*_e = r79j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



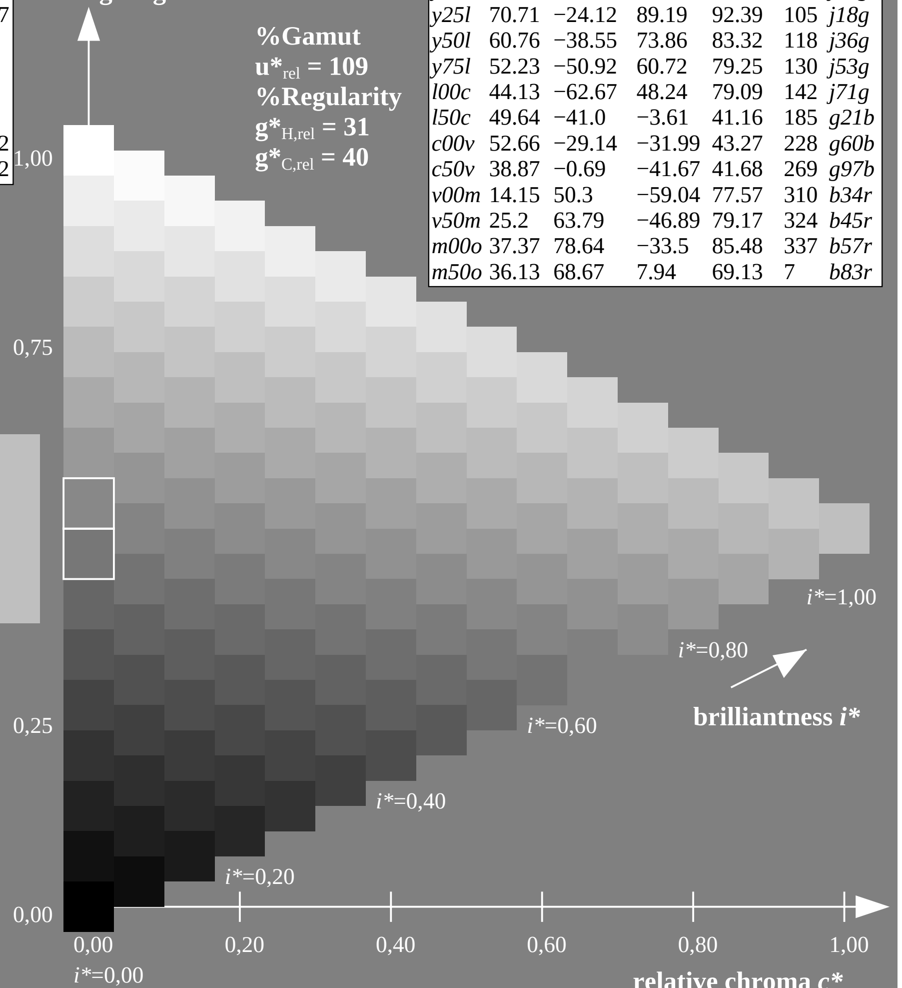
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 67 17 87**
LAB*LCH*$_{Ma}$**: 67 88 78**
lab*olv*$_{Ma}$**: 1.0 0.75 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.79 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



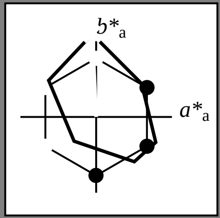
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$ **$u^*_d = y00l$**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

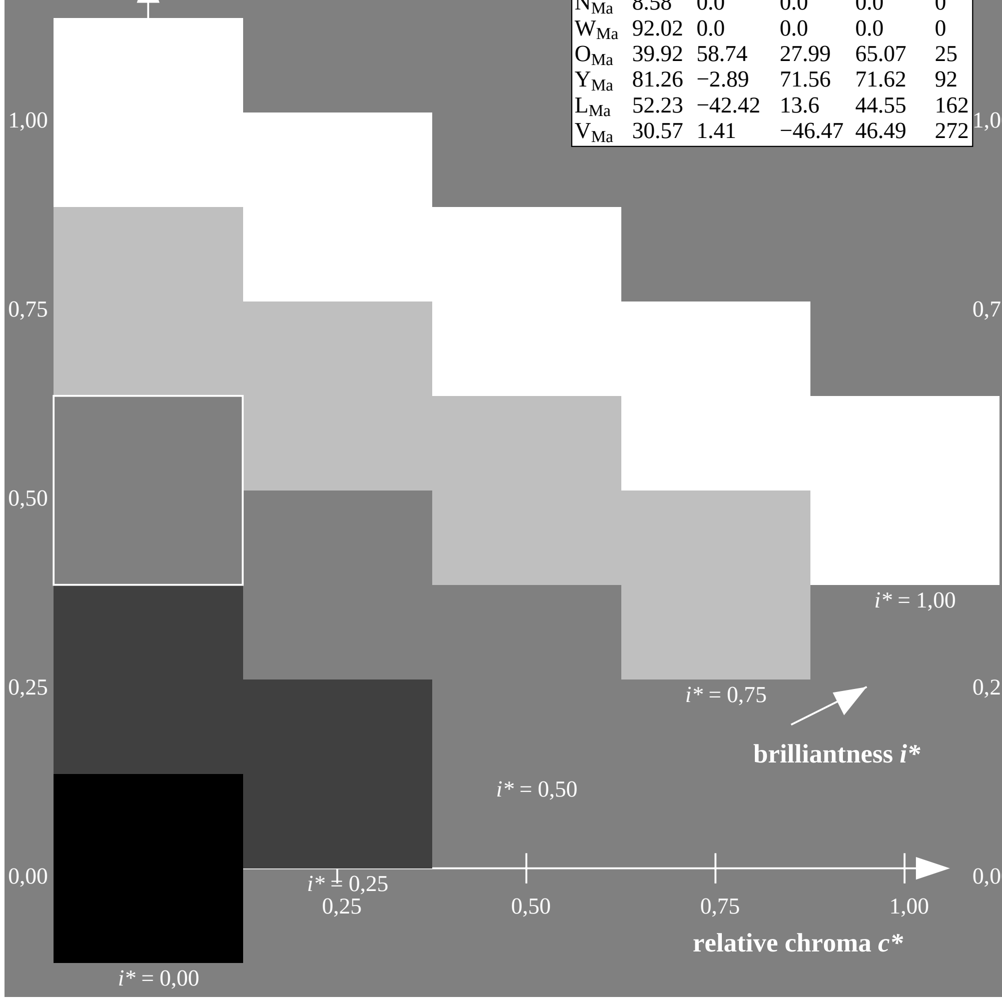


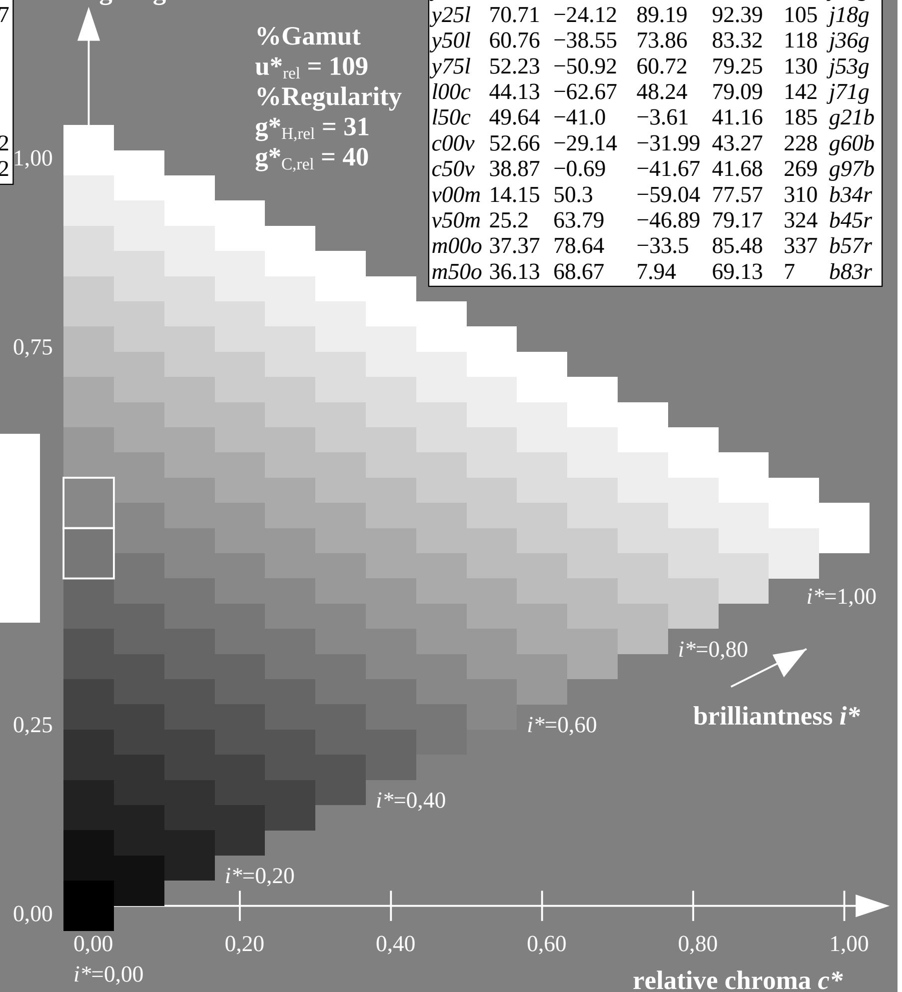
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 84 −5 109**
LAB*LCH*$_{Ma}$**: 84 109 92**
lab*olv*$_{Ma}$**: 1.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.99 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





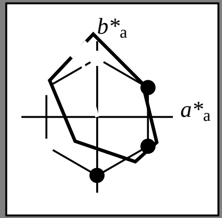
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

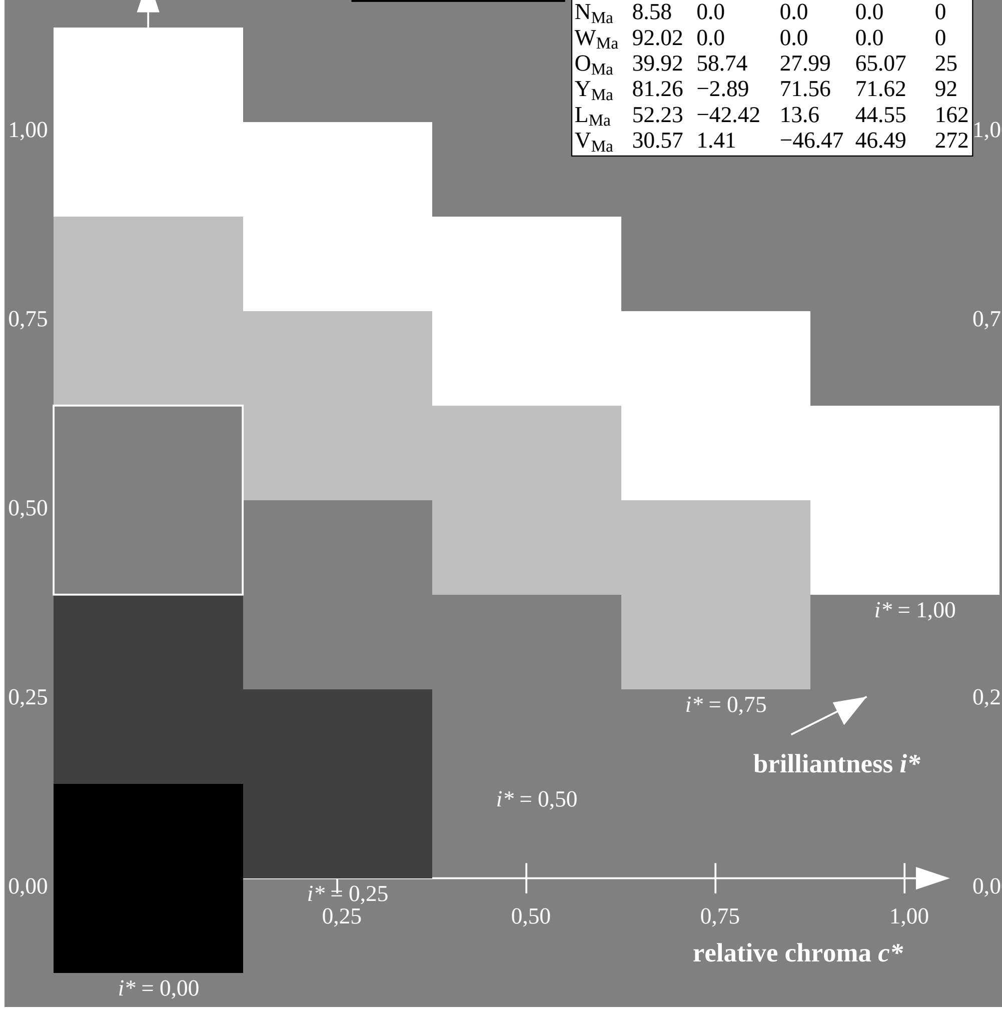
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$ **$u^*_d = y25l$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



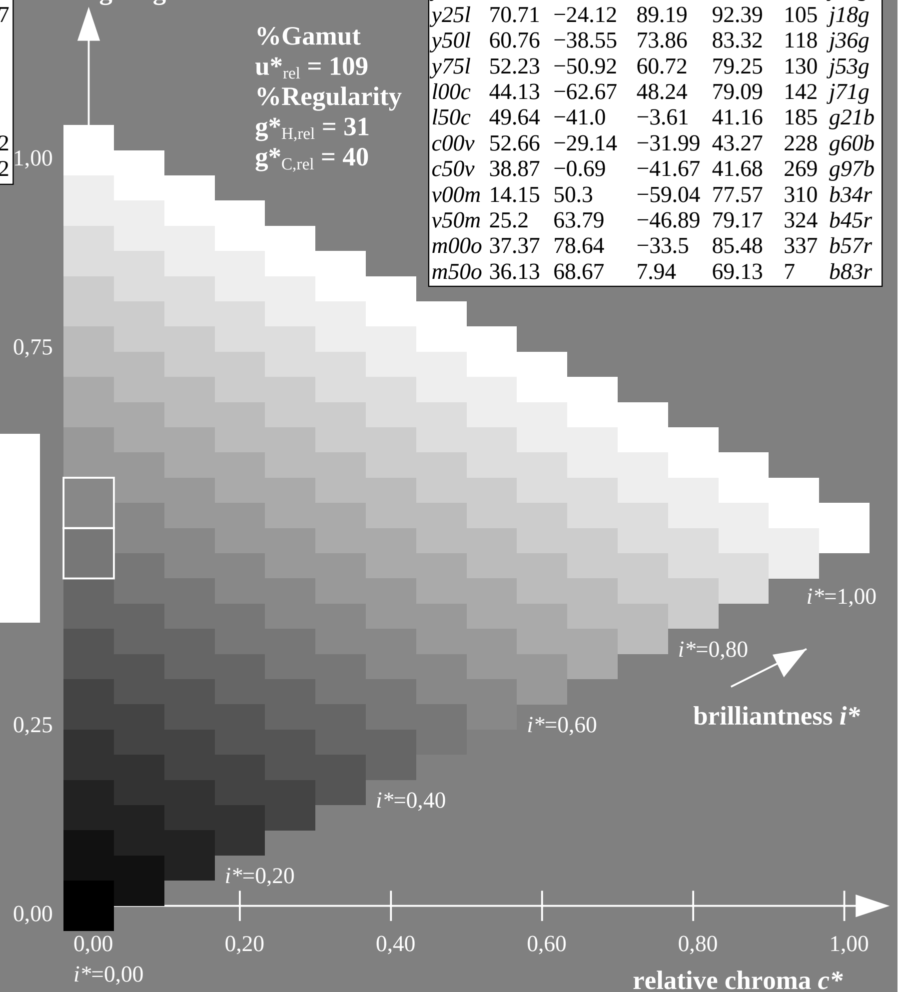
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 71 −24 89**
***LAB*LCH**$_{Ma}$: 71 92 105**
***lab*olv**$_{Ma}$: 0.75 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.82 1.0 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



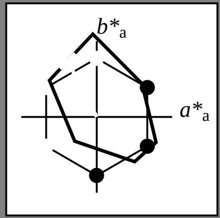
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$ **$u^*_d = y50l$**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

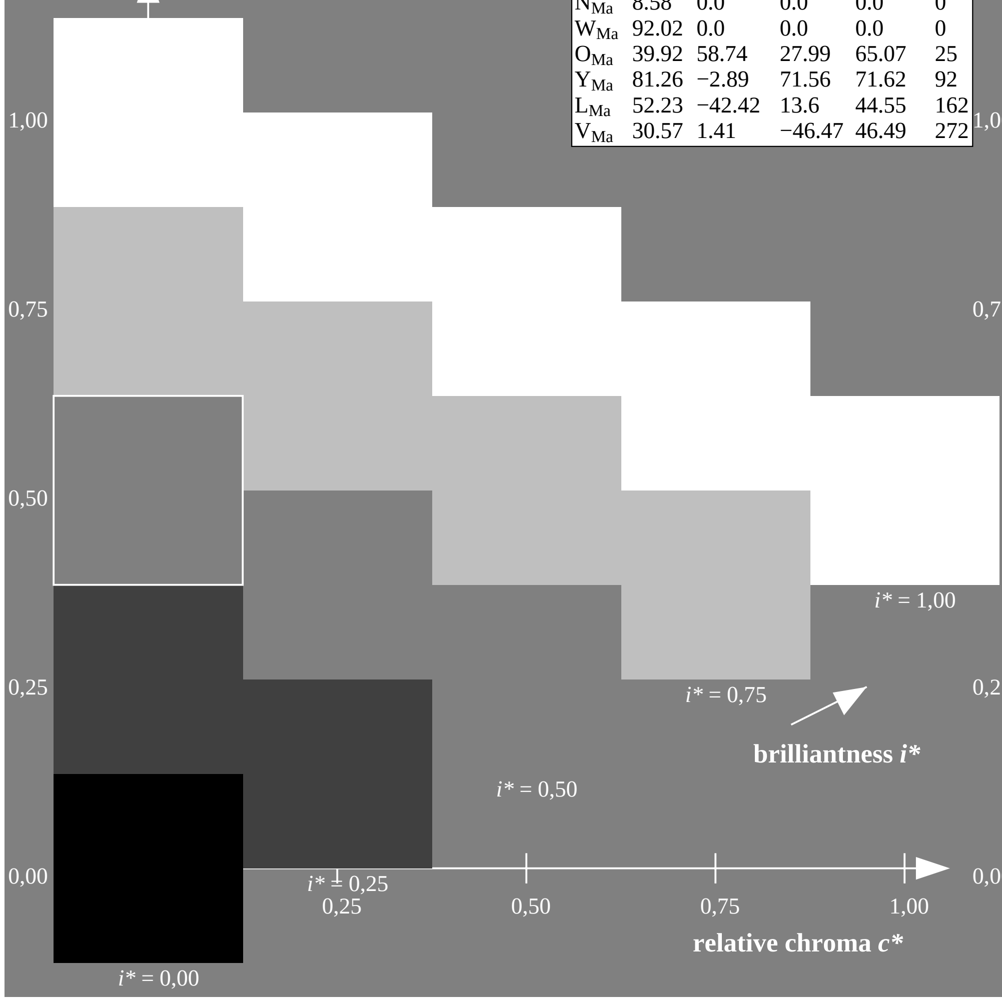
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

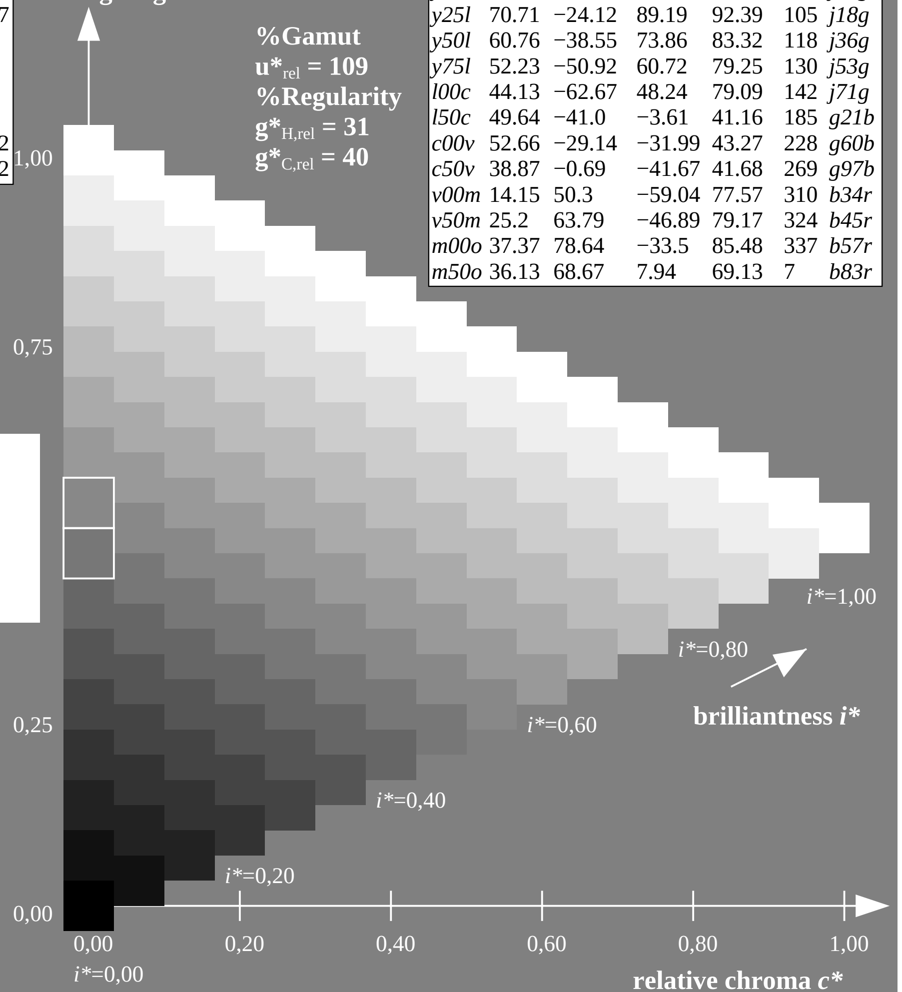
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 61 −39 74**
LAB*LCH*$_{Ma}$**: 61 83 117**
lab*olv*$_{Ma}$**: 0.5 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.64 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





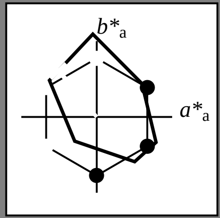
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$ ***$u^*_d = y75l$***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****

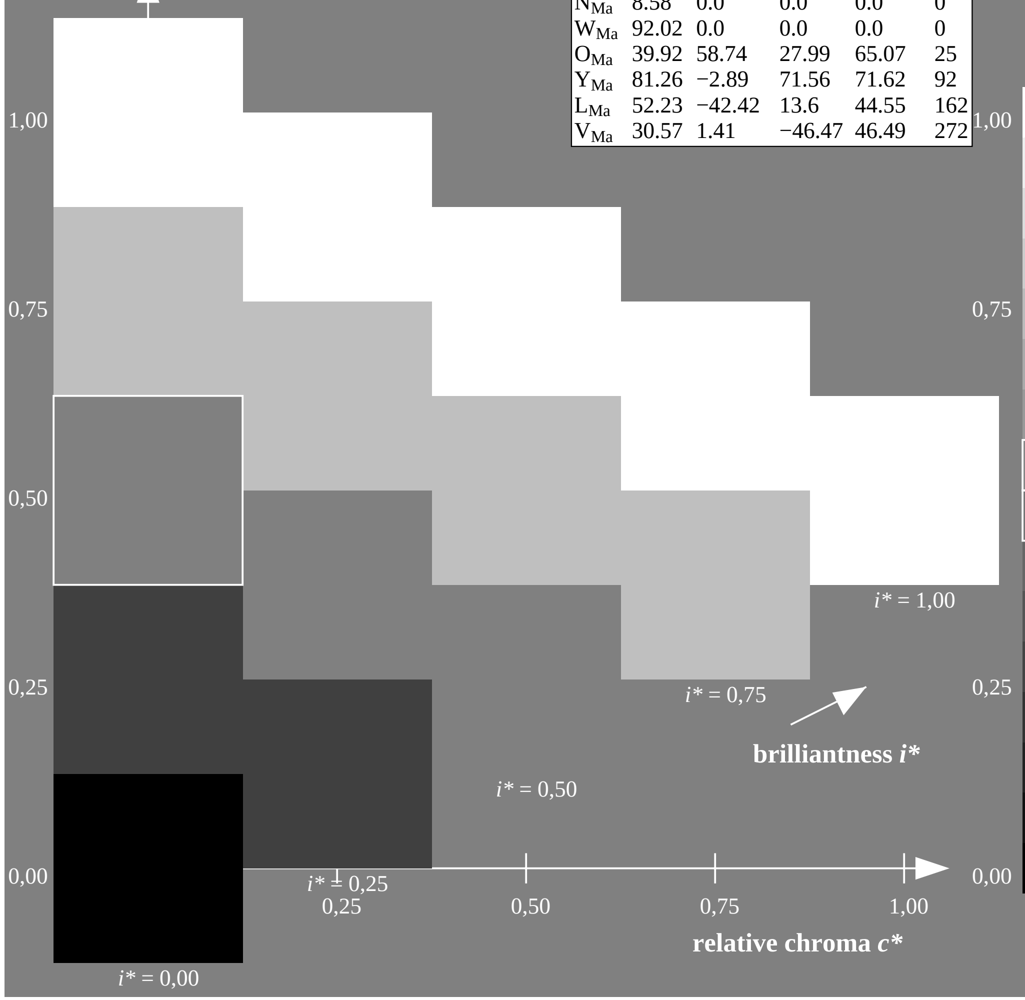


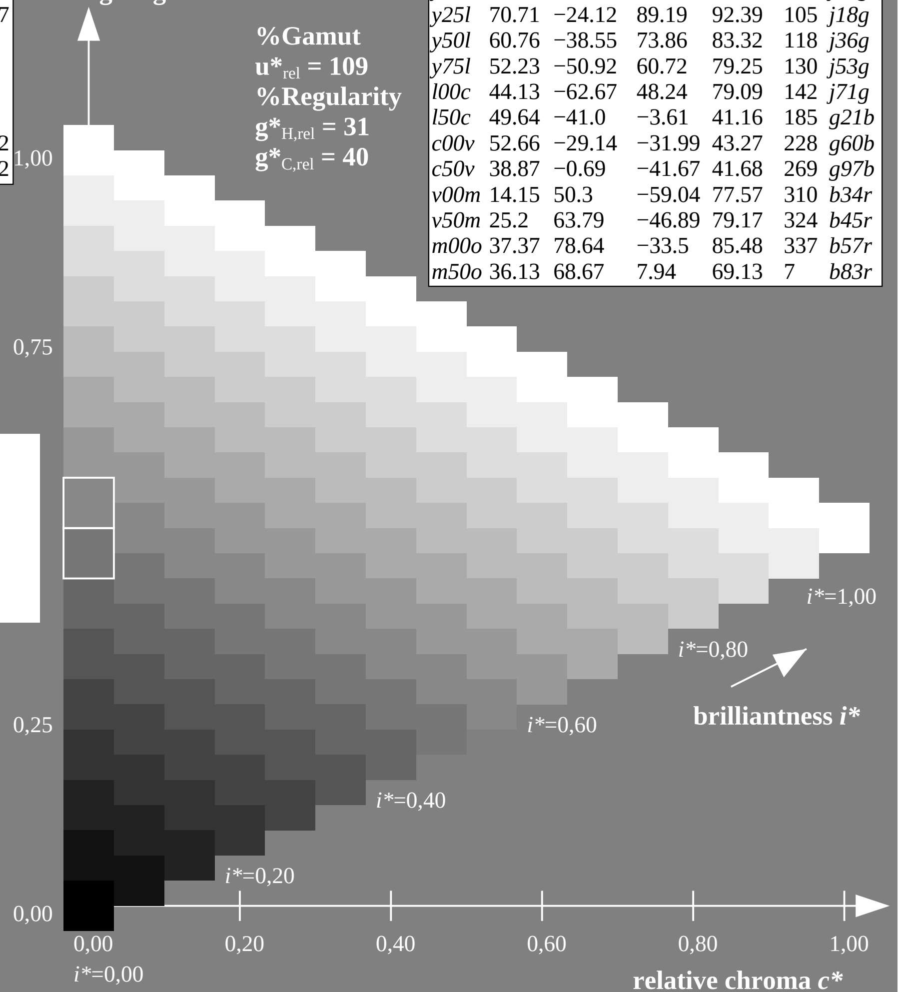
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
FRS09_92a; adapted (a) CIELAB data					
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 52 −51 61**
$LAB^*LCH^*_{Ma}$**: 52 79 129**
$lab^*olv^*_{Ma}$**: 0.25 1.0 0.0**
$lab^*rgb^*_{Ma}$**: 0.46 1.0 0.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
FRS09_92a; adapted (a) CIELAB data						
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





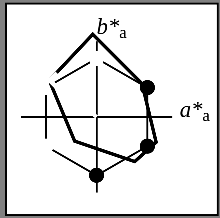
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$ **u^*_d = l00c**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = *l00c* u^*_e = *j71g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

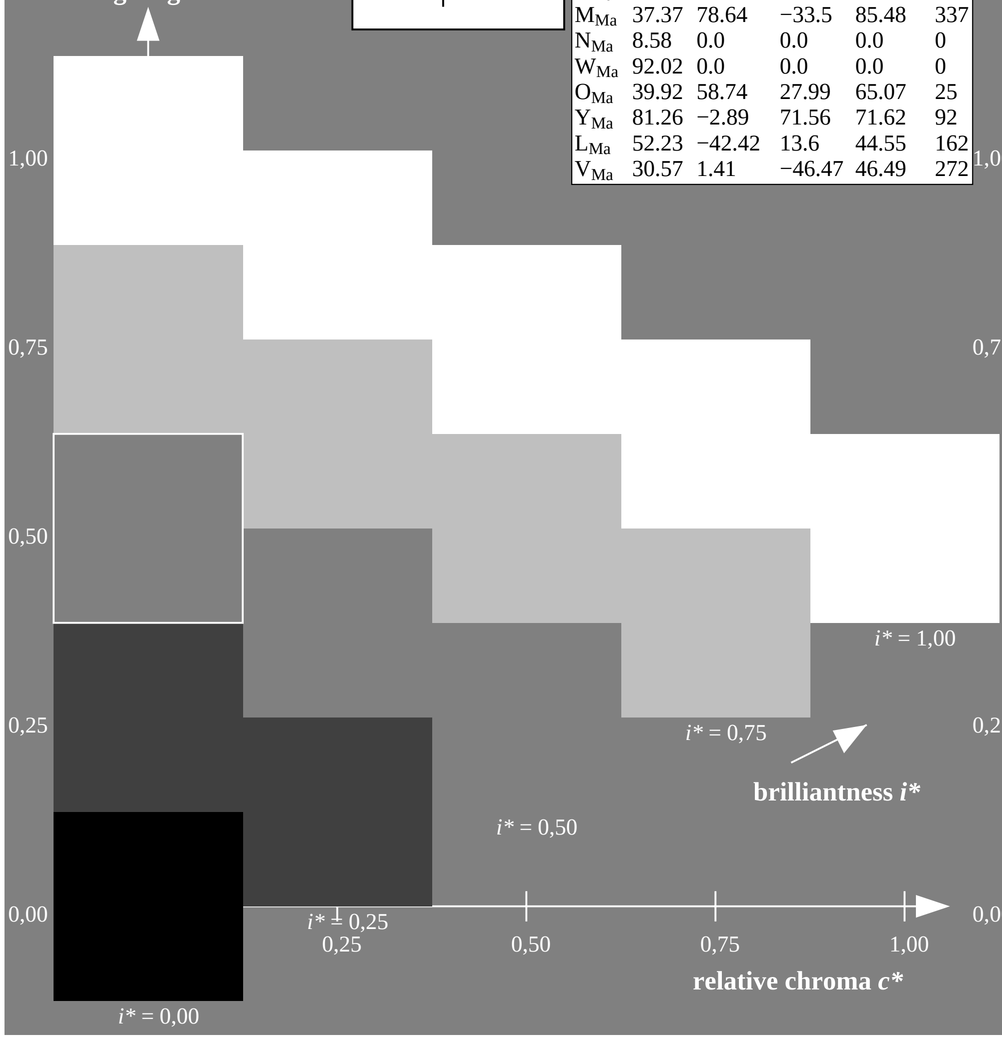


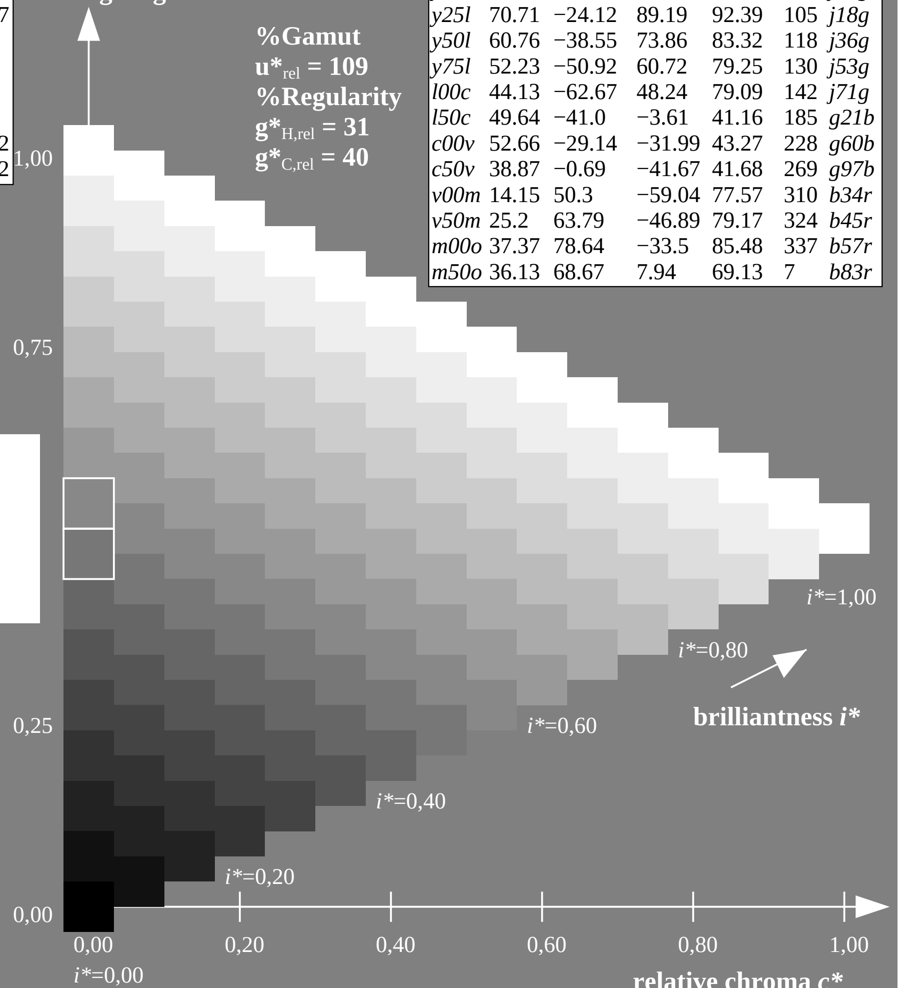
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 44 −63 48**
***LAB*LCH*$_{Ma}$*: 44 79 142**
***lab*olv*$_{Ma}$*: 0.0 1.0 0.0**
***lab*rgb*$_{Ma}$*: 0.28 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





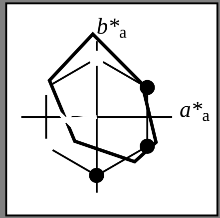
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

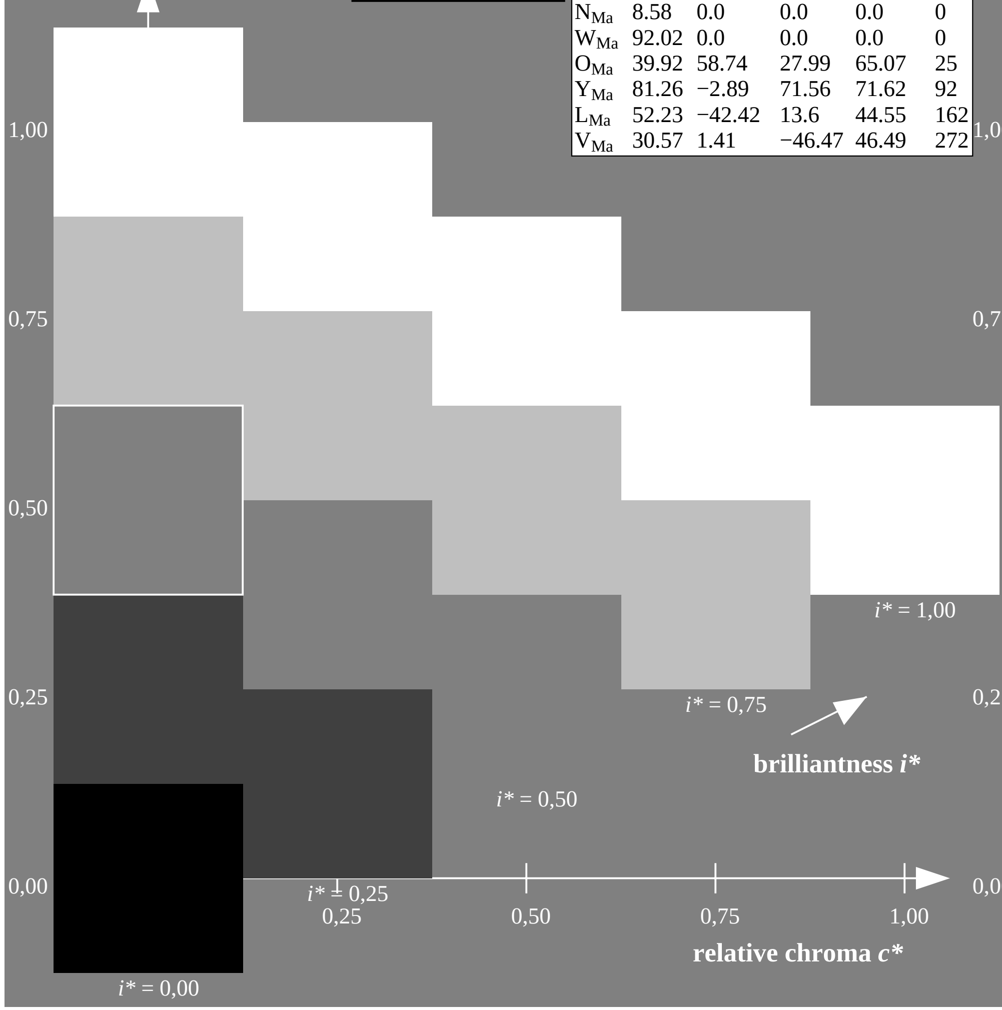
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$ ***u^*_d = l50c***

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = l50c *u^*_e = g21b*
contrast reduction factor:
c_R **= 1.0**
triangle lightness *t**



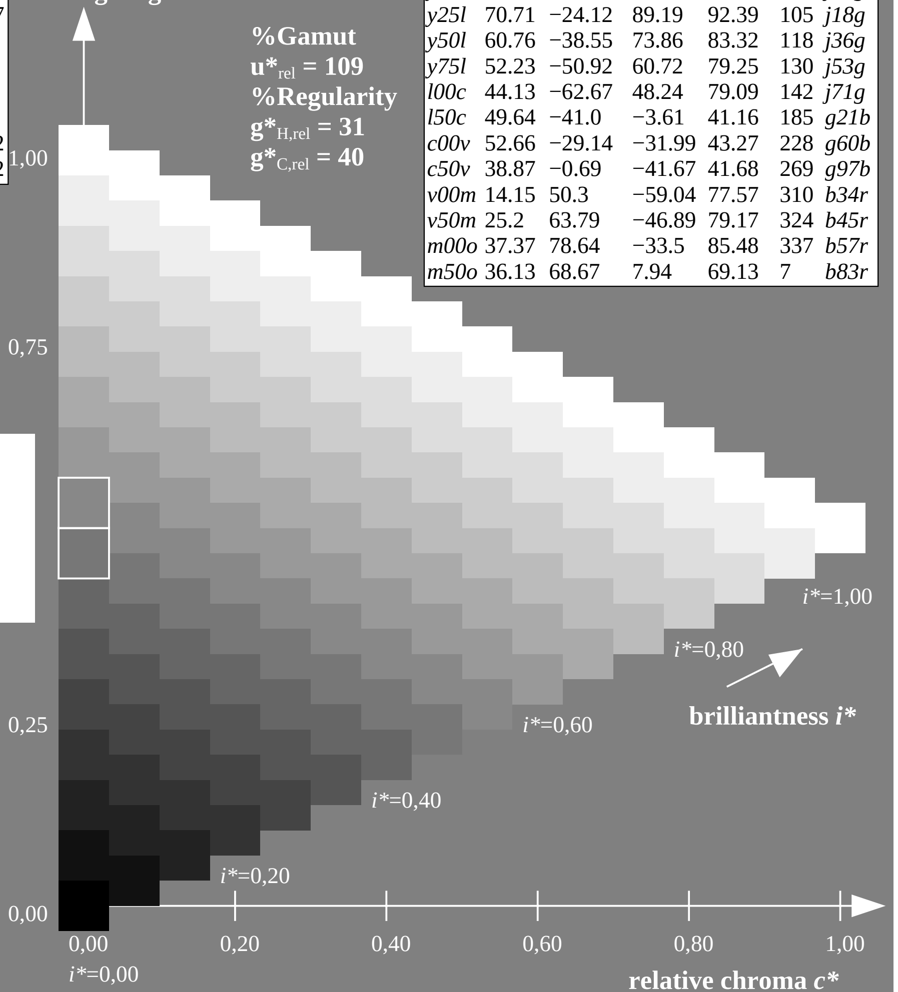
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 50 −41 −4**
***LAB*LCH**$_{Ma}$: 50 41 185**
***lab*olv**$_{Ma}$: 0.0 1.0 0.5**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.42**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

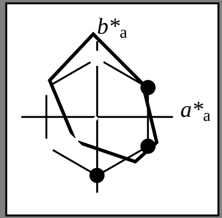
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$ **$u^*_d = c00v$**

data for any colour:
lab^*tch^* and lab^*icu^*
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

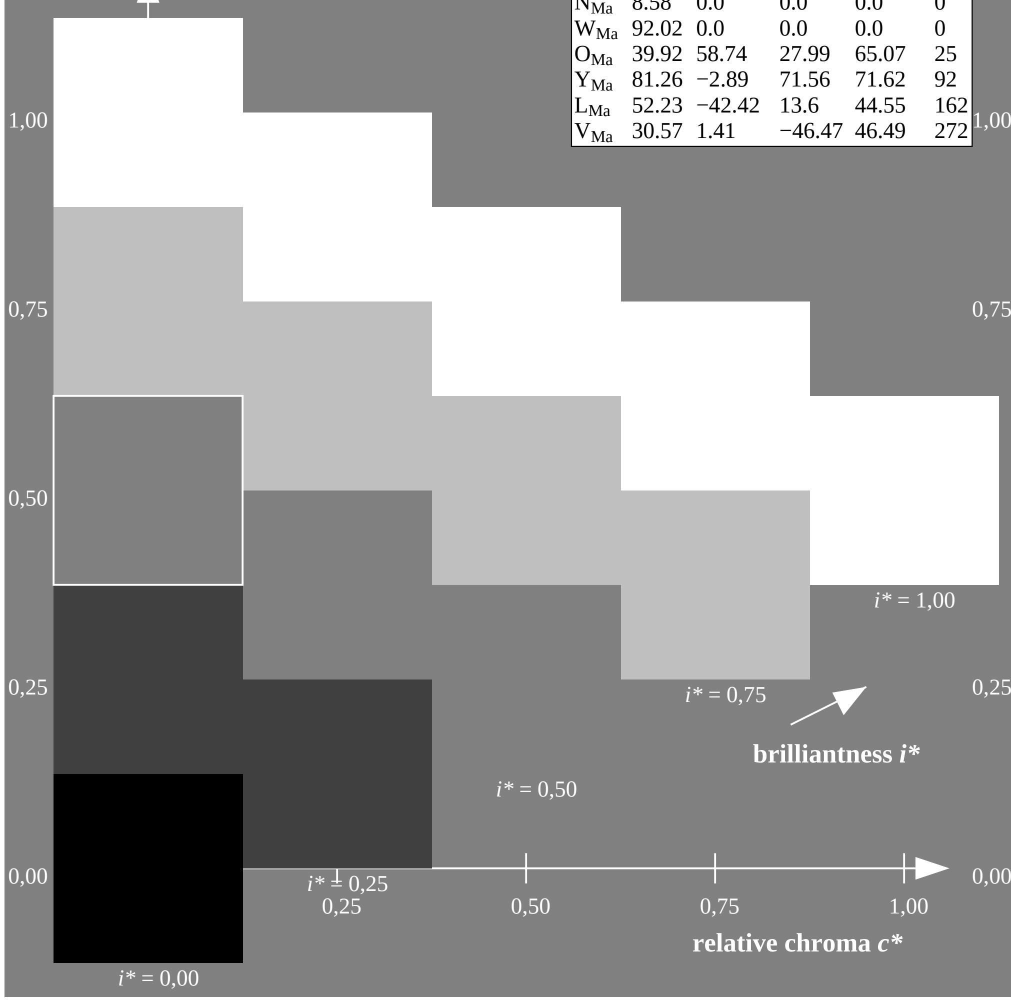


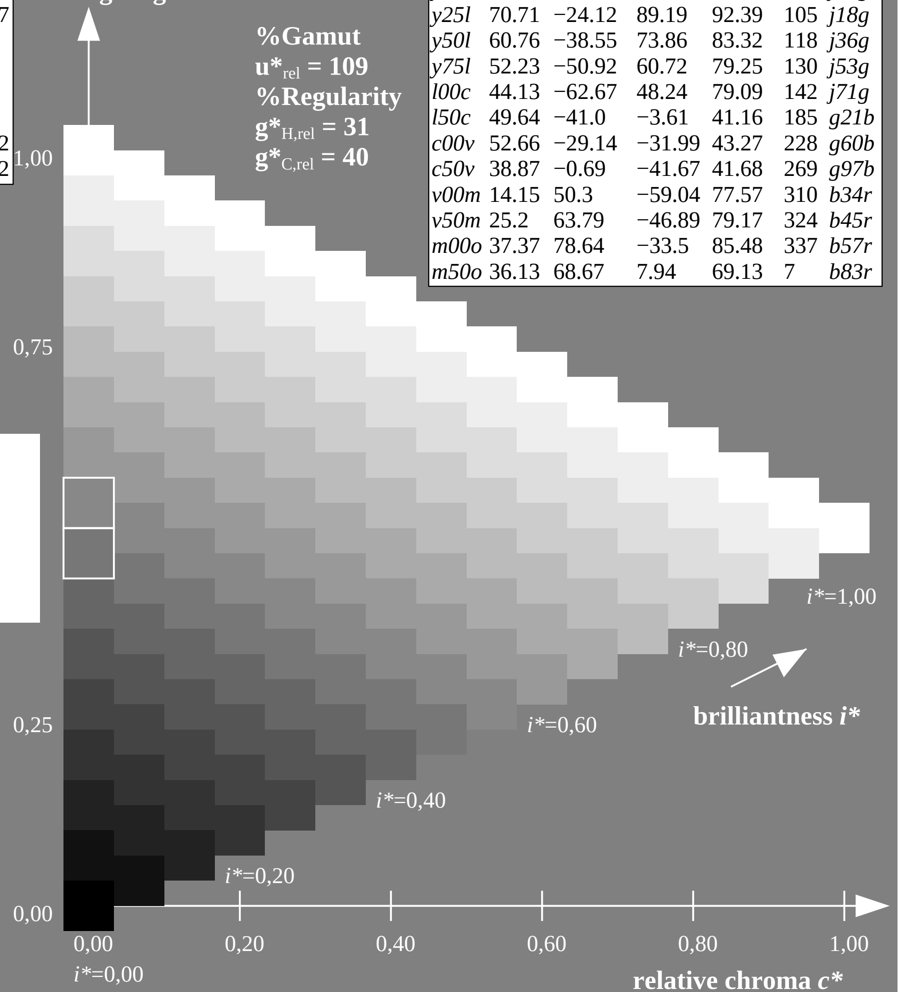
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −29 −32
$LAB^*LCH^*_{Ma}$: 53 43 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



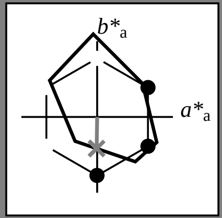


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

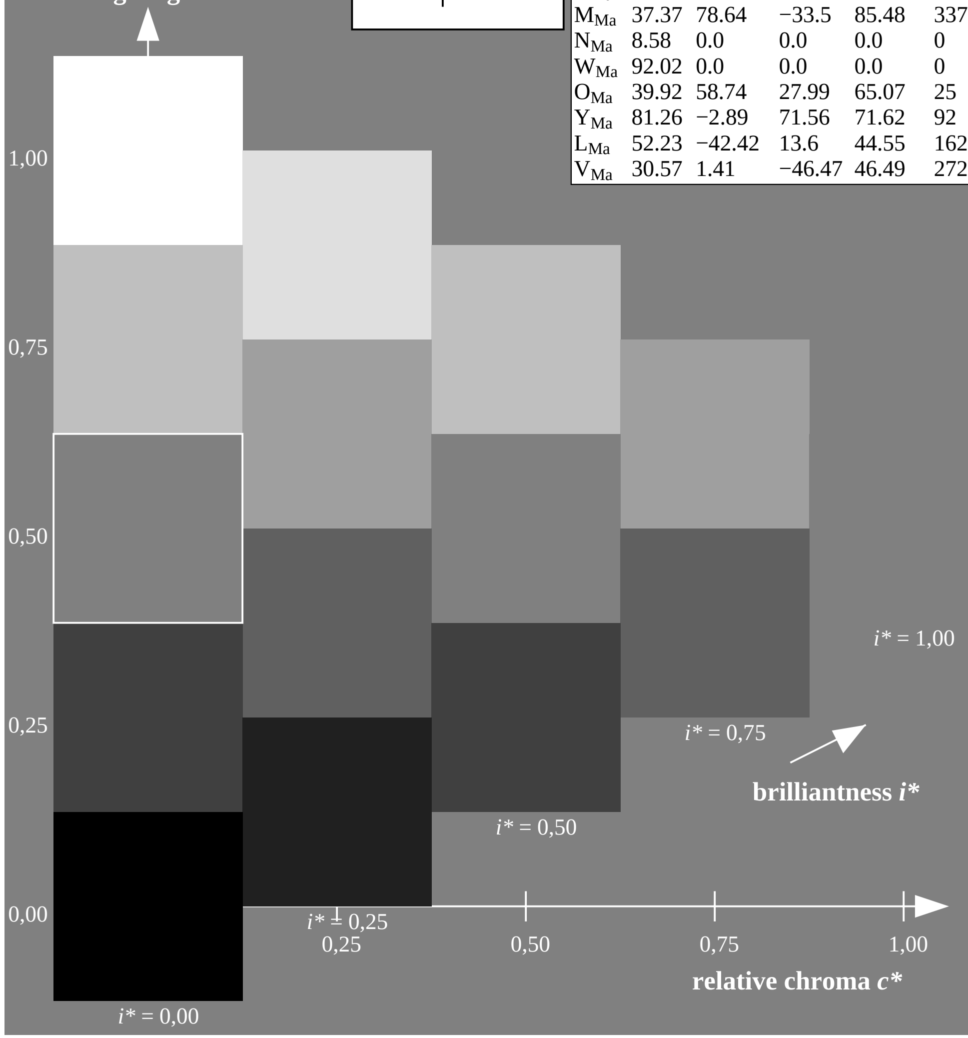
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$ $u^*_d = c50v$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



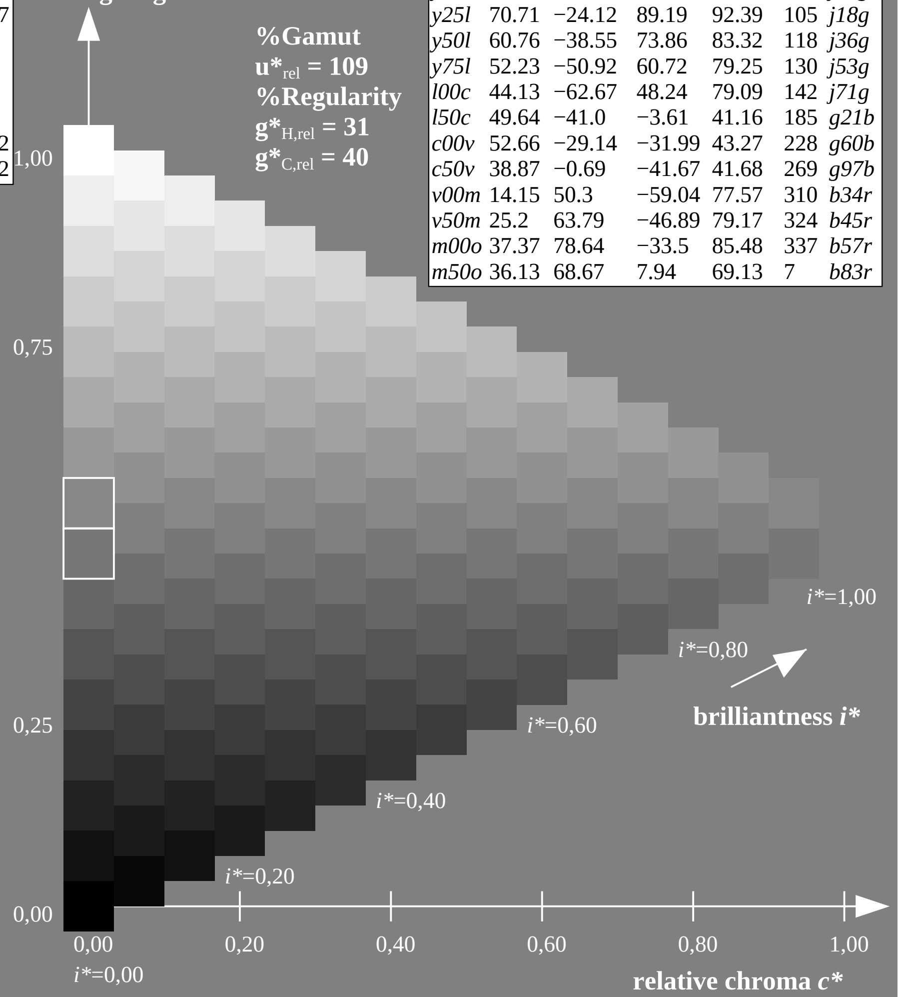
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 −1 −42
$LAB^*LCH^*_{Ma}$: 39 42 269
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

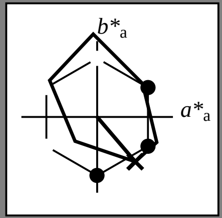


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$ ***$u^*_d = v00m$***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

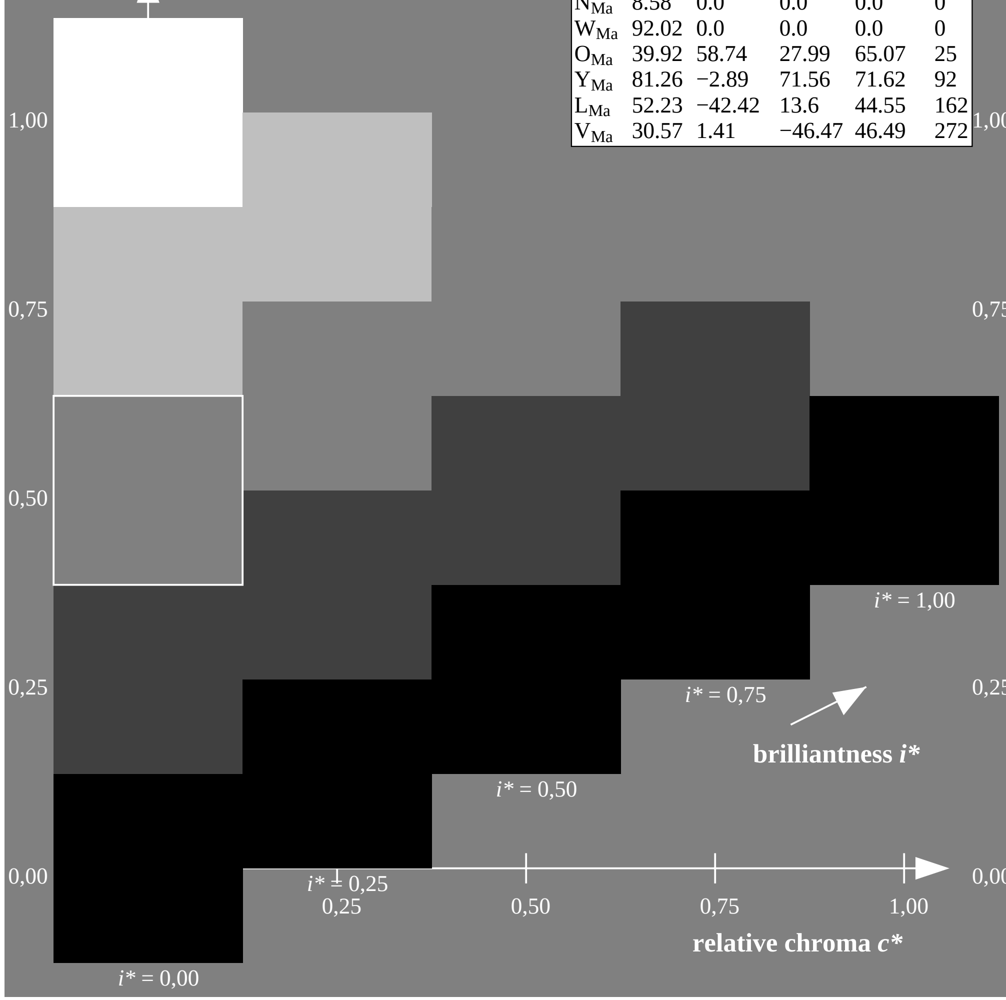


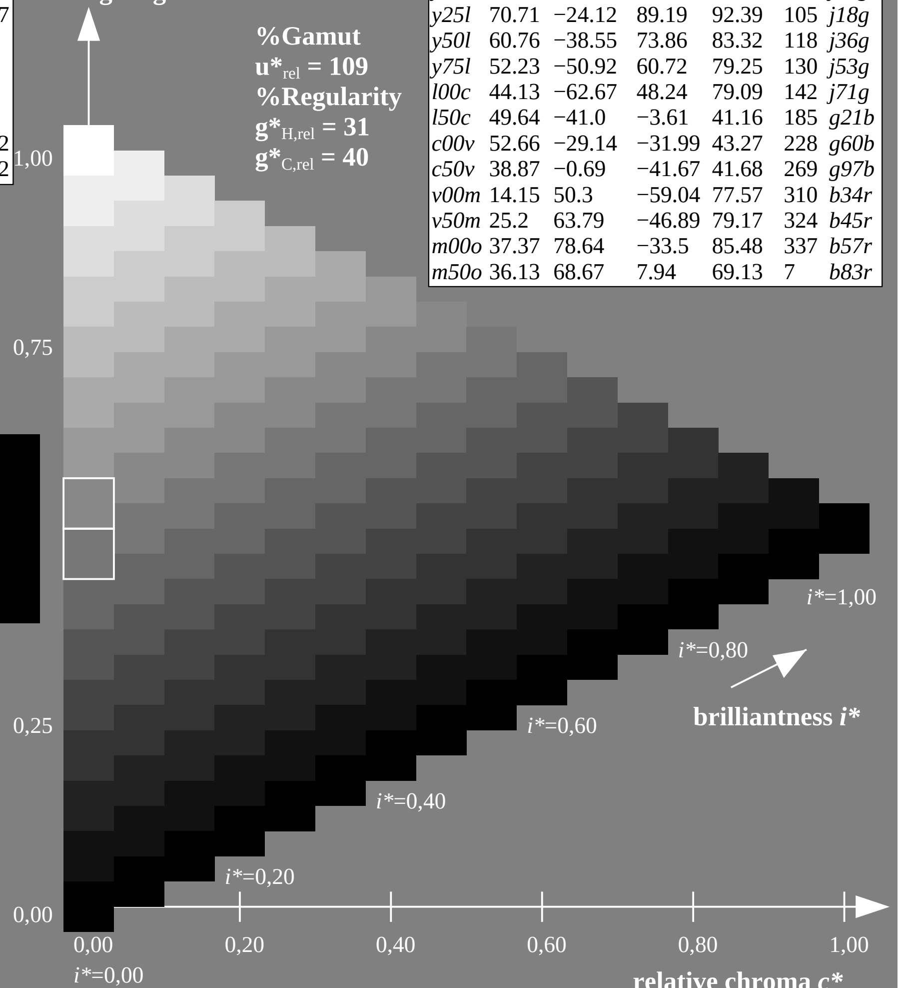
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$**: 14 50 −59**
$LAB^*LCH^*_{Ma}$**: 14 78 310**
$lab^*olv^*_{Ma}$**: 0.0 0.0 1.0**
$lab^*rgb^*_{Ma}$**: 0.68 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

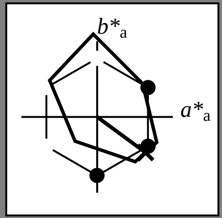
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$ **$u^*_d = v50m$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

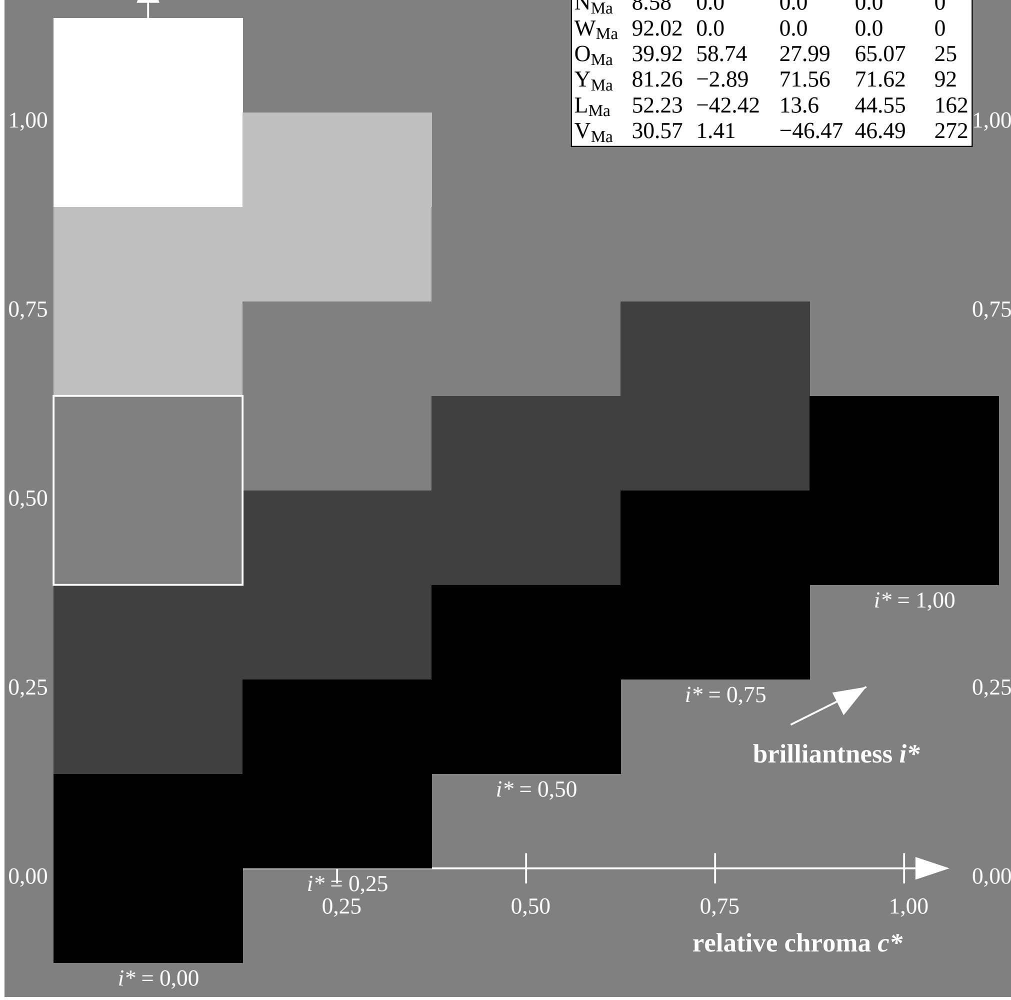


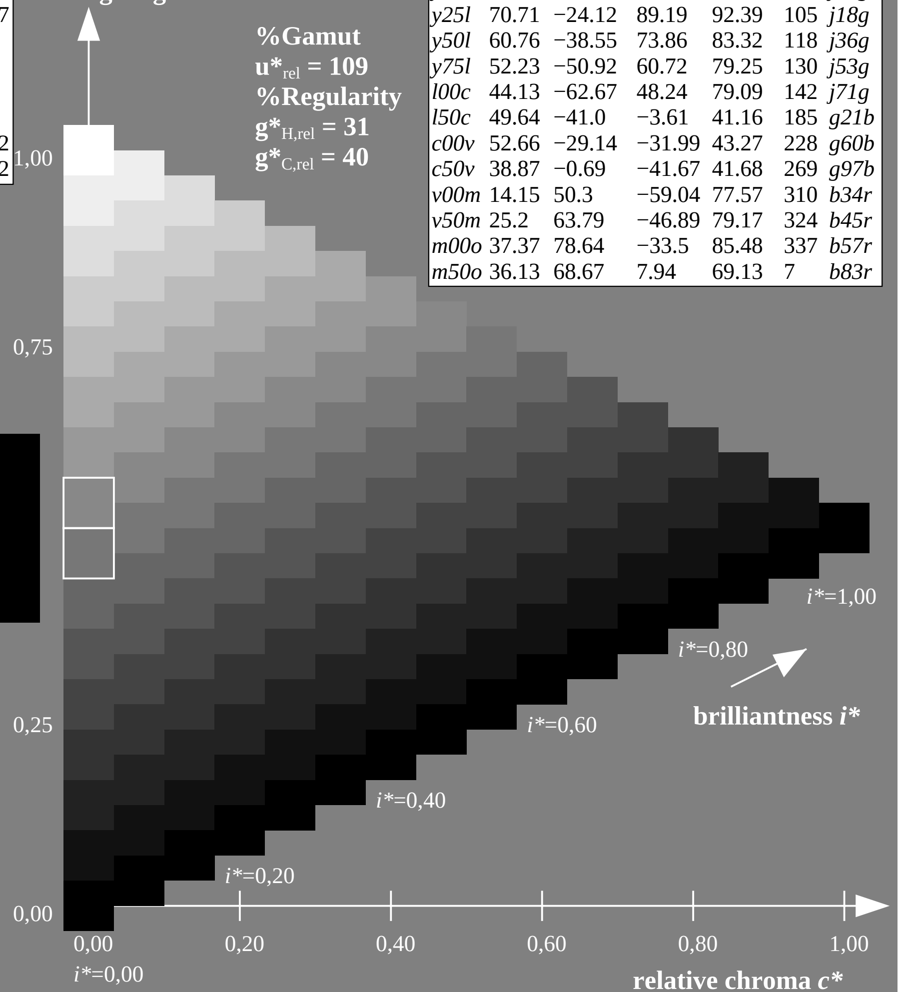
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 25 64 −47**
***$LAB^*LCH^*_{Ma}$*: 25 79 323**
***$lab^*olv^*_{Ma}$*: 0.5 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 0.91 0.0 1.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





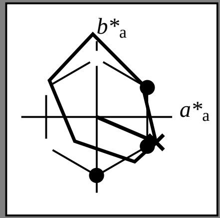
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$ ***u*$_d$ = m00o***

data for any colour:
lab*tch** and lab*icu*
Hue texts:
u*$_d$ = m00o u*$_e$ = b57r
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

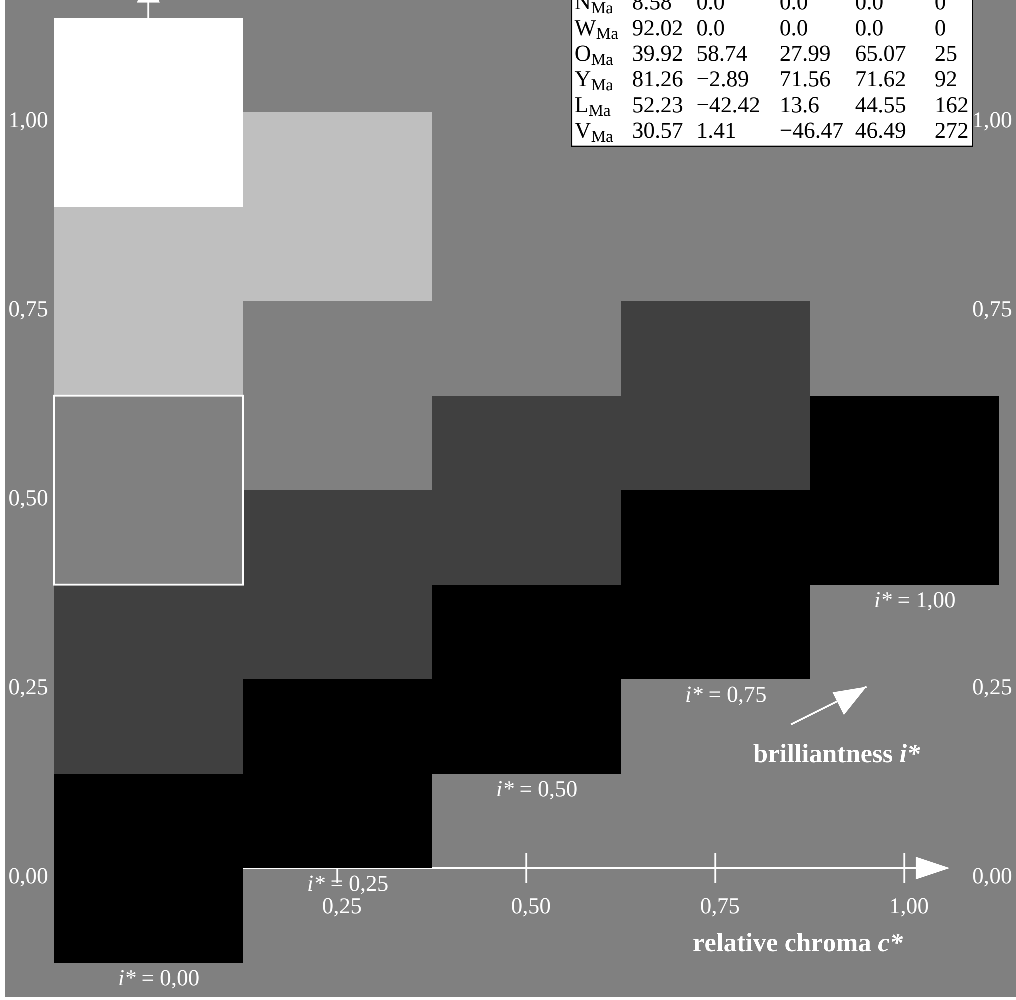


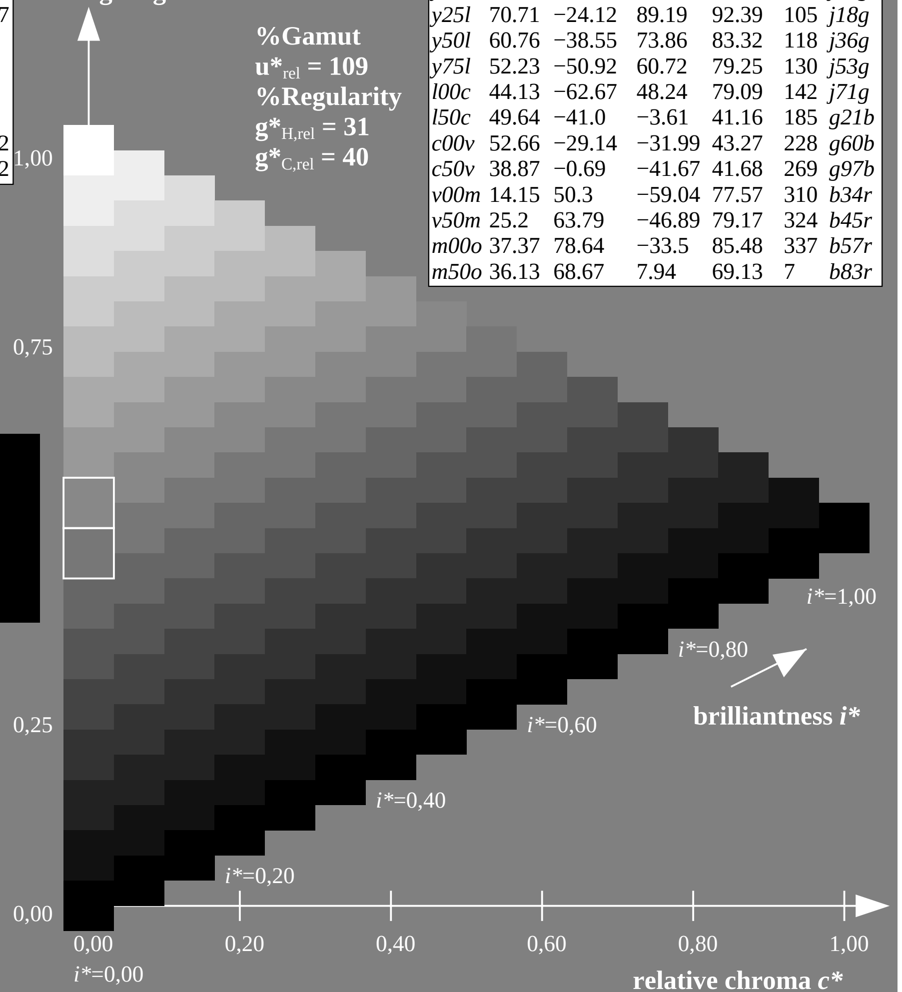
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 37 79 −34**
***LAB*LCH*$_{Ma}$*: 37 85 336**
***lab*olv*$_{Ma}$*: 1.0 0.0 1.0**
***lab*rgb*$_{Ma}$*: 1.0 0.0 0.85**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



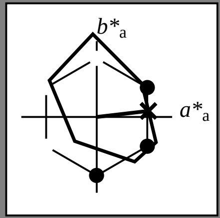


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

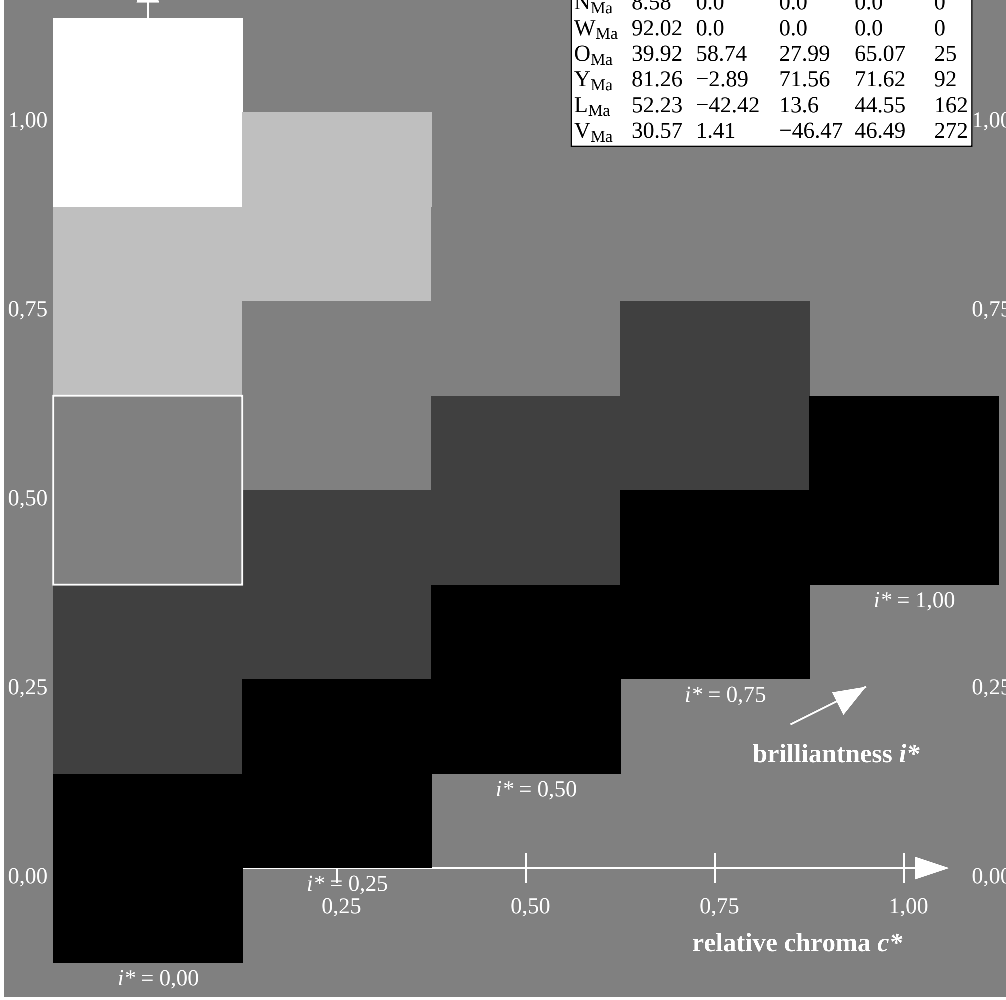
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$ ***$u^*_d = m50o$***

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

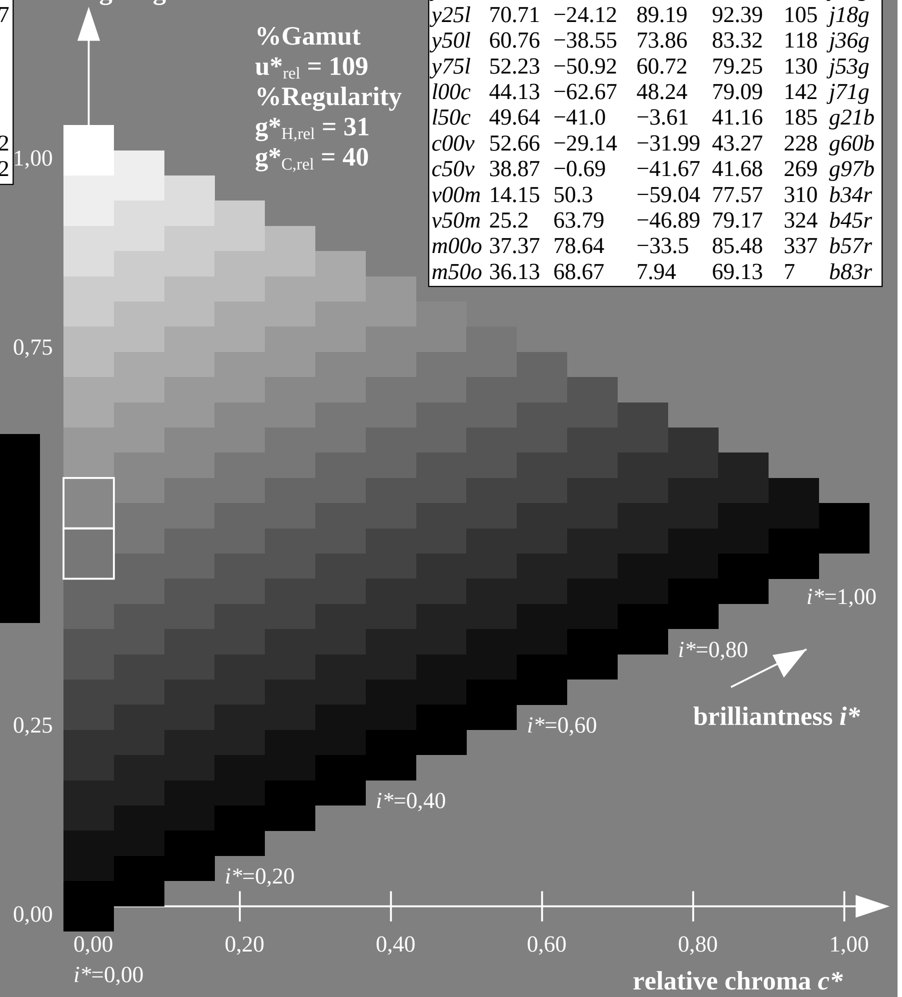


Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 36 69 8**
***$LAB^*LCH^*_{Ma}$*: 36 69 6**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 0.5**
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.33**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

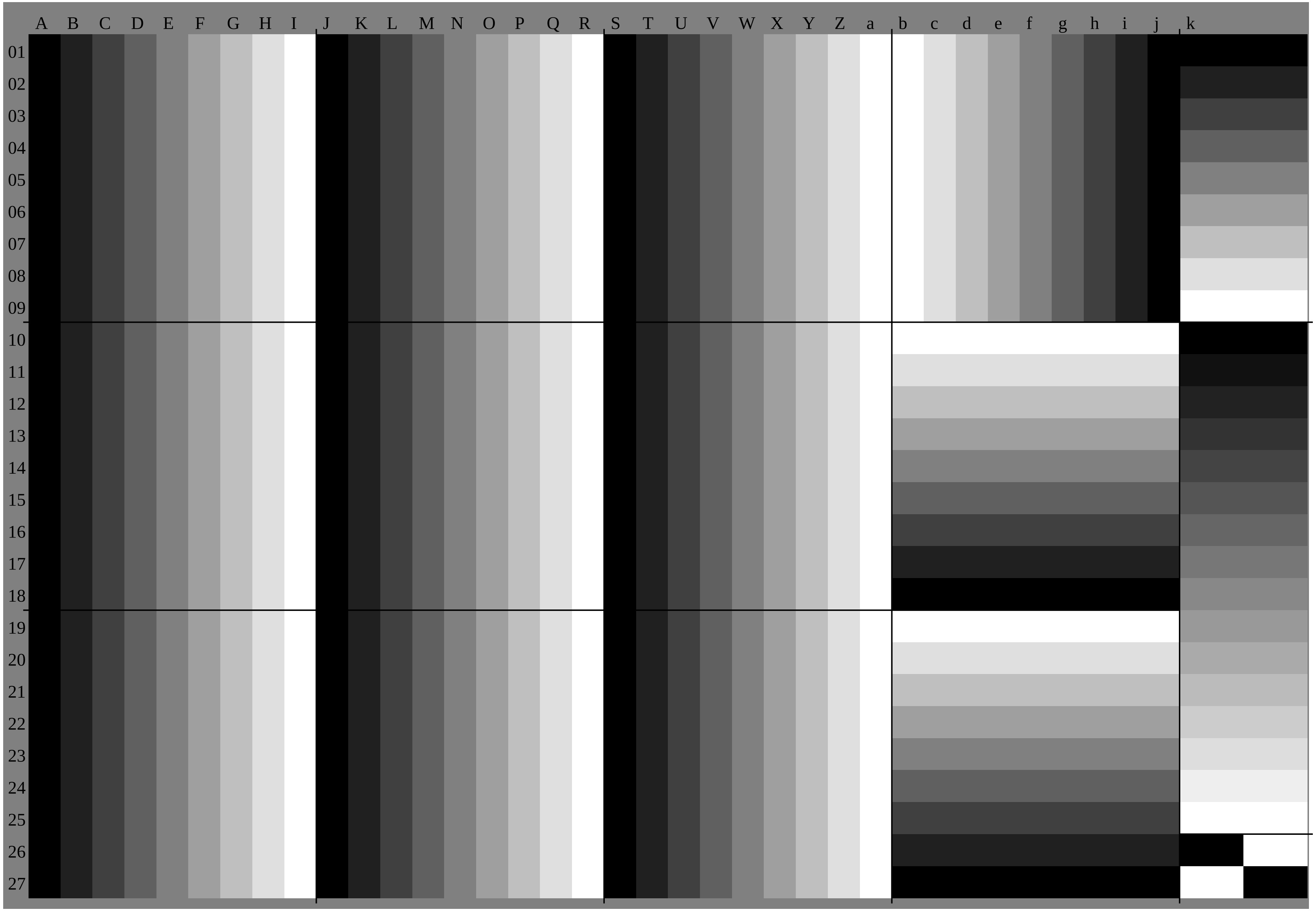
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*



See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

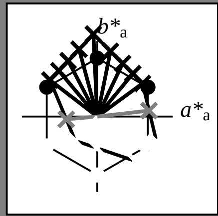
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

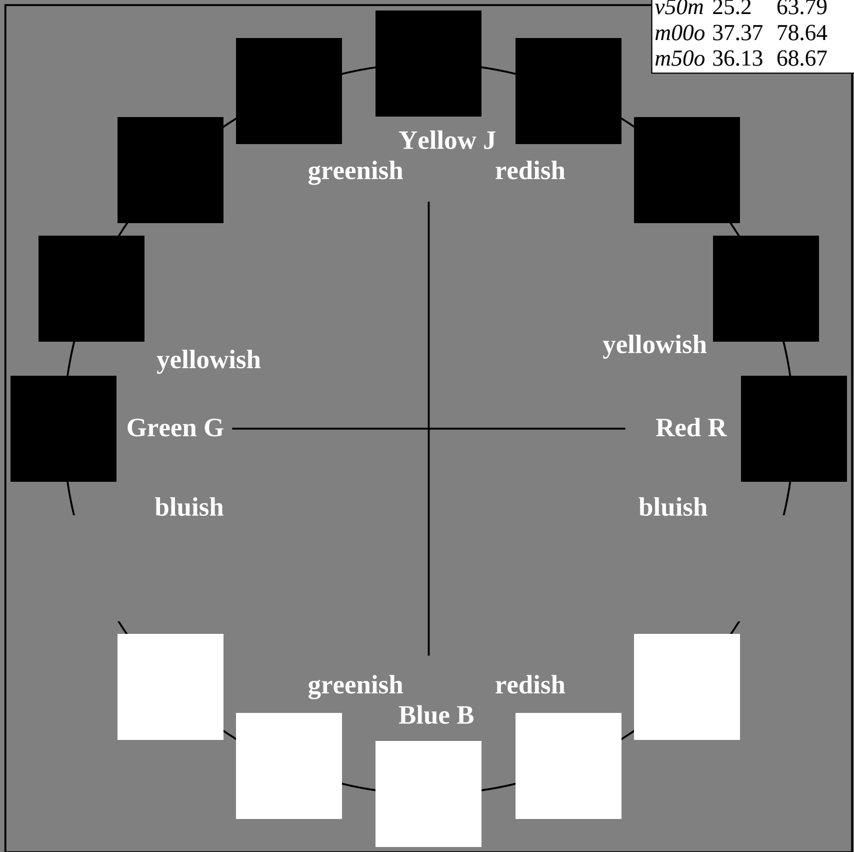
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

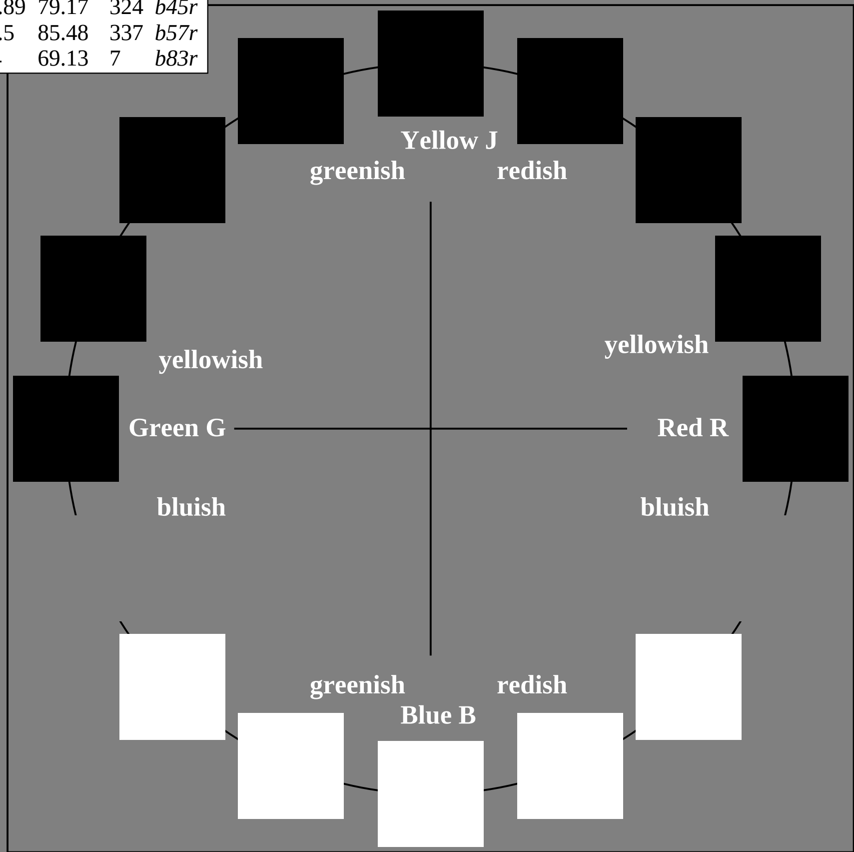


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





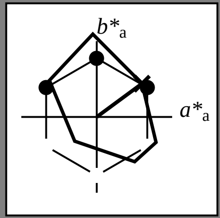
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

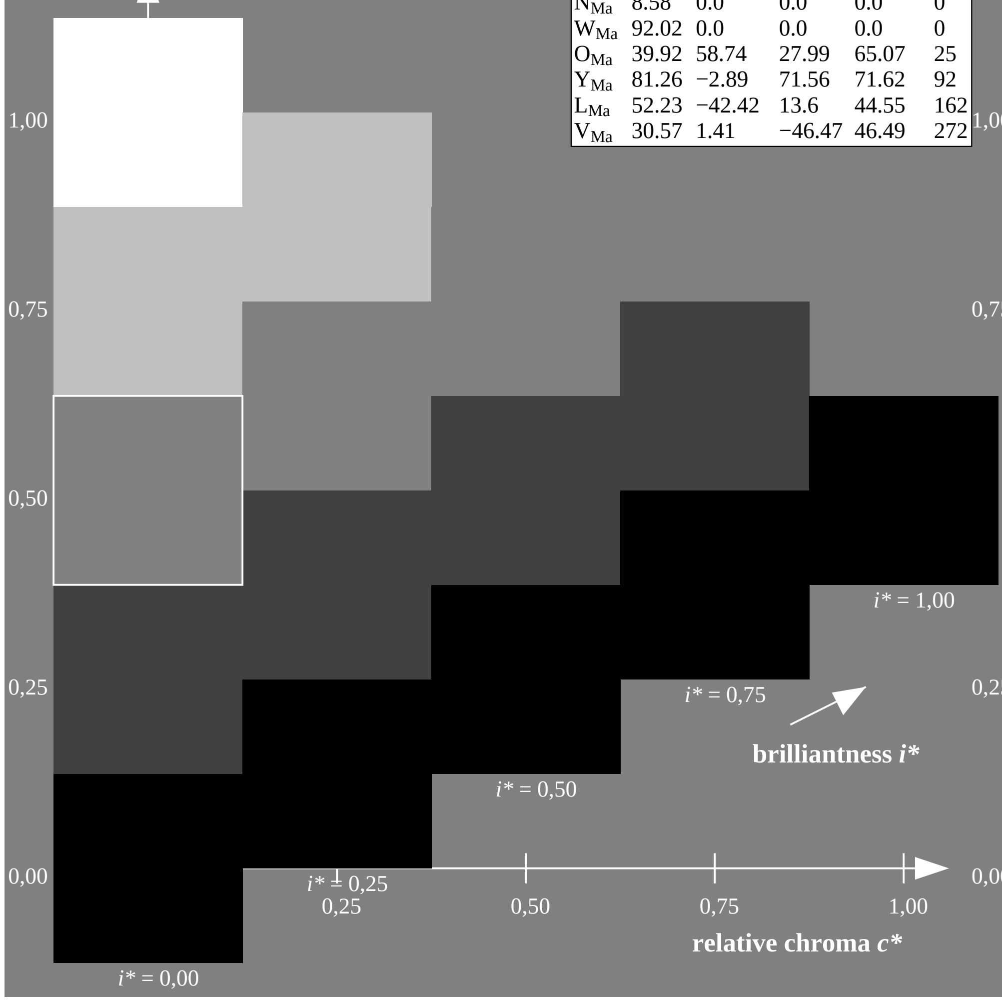
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$ $u^*_d = o00y$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



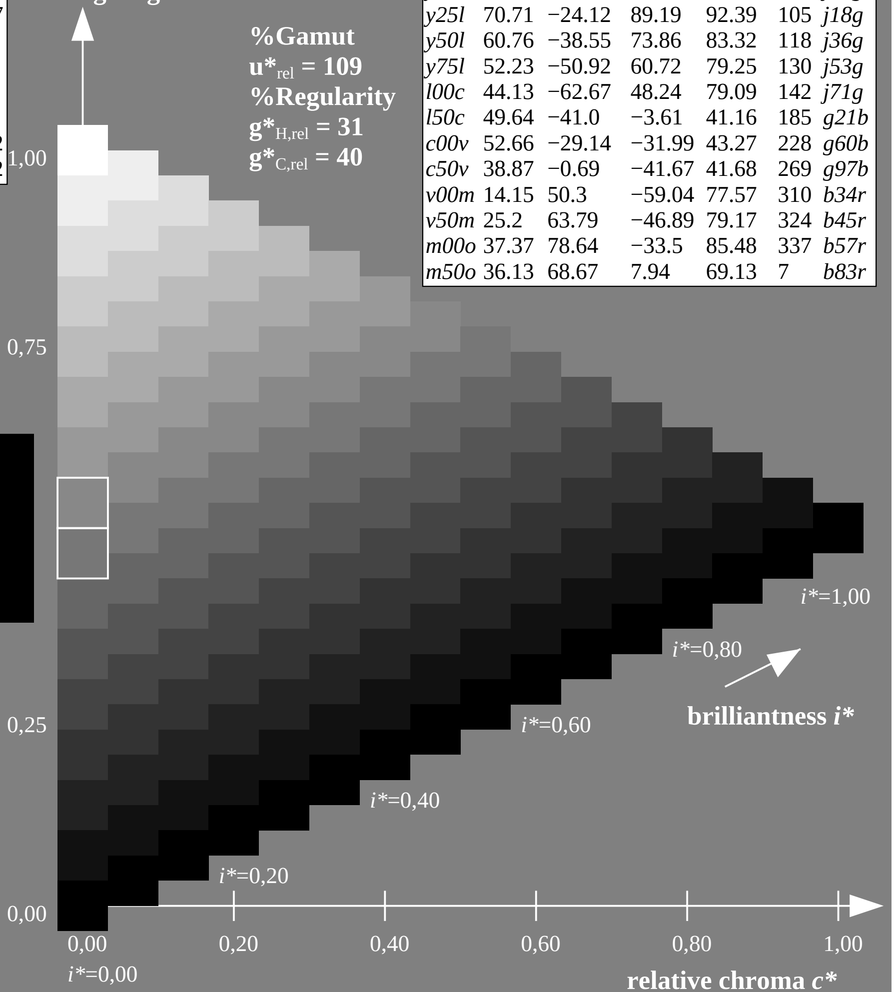
FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 35 60 44**
***LAB*LCH**$_{Ma}$: 35 74 36**
***lab*olv**$_{Ma}$: 1.0 0.0 0.0**
***lab*rgb**$_{Ma}$: 1.0 0.16 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$



FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

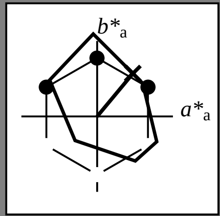
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

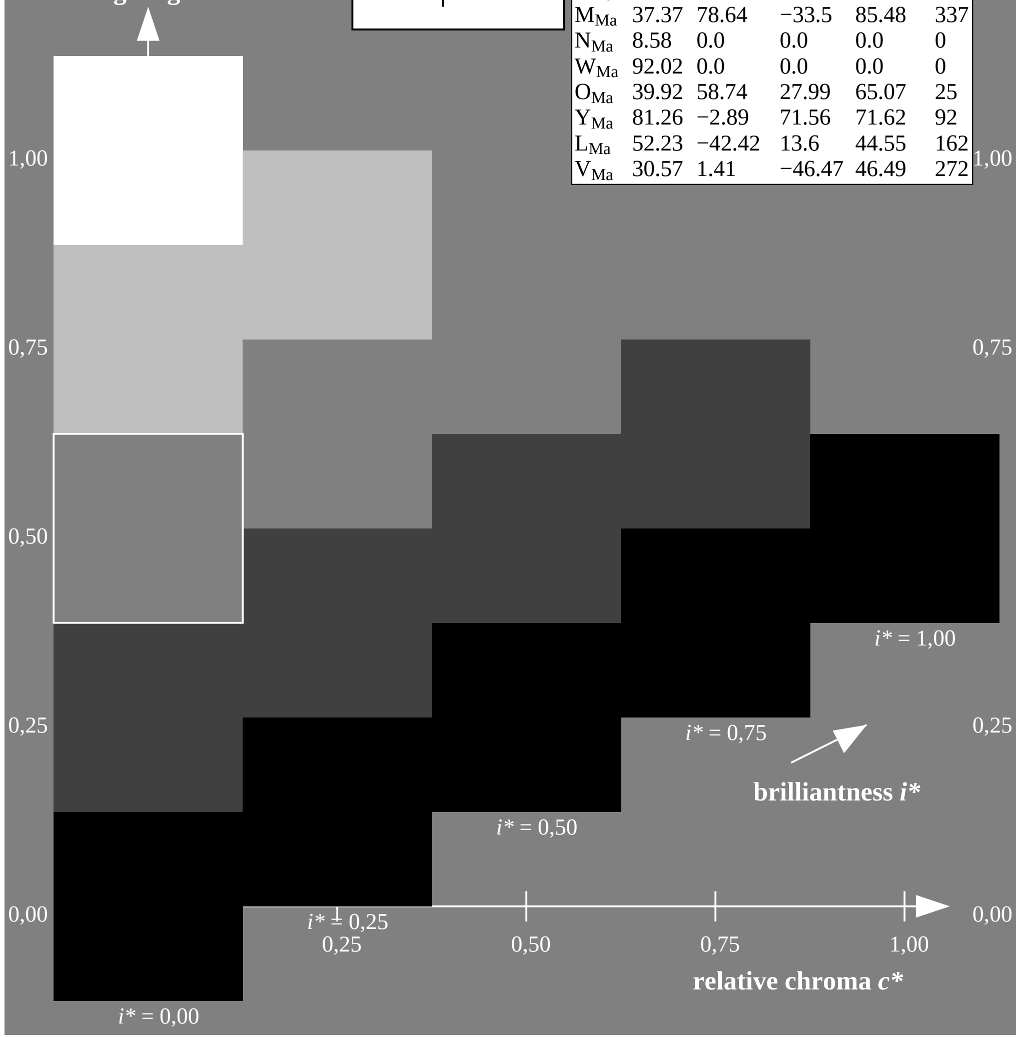
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$ ***$u^*_d = o25y$***

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o25y$ $u^*_e = r37j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



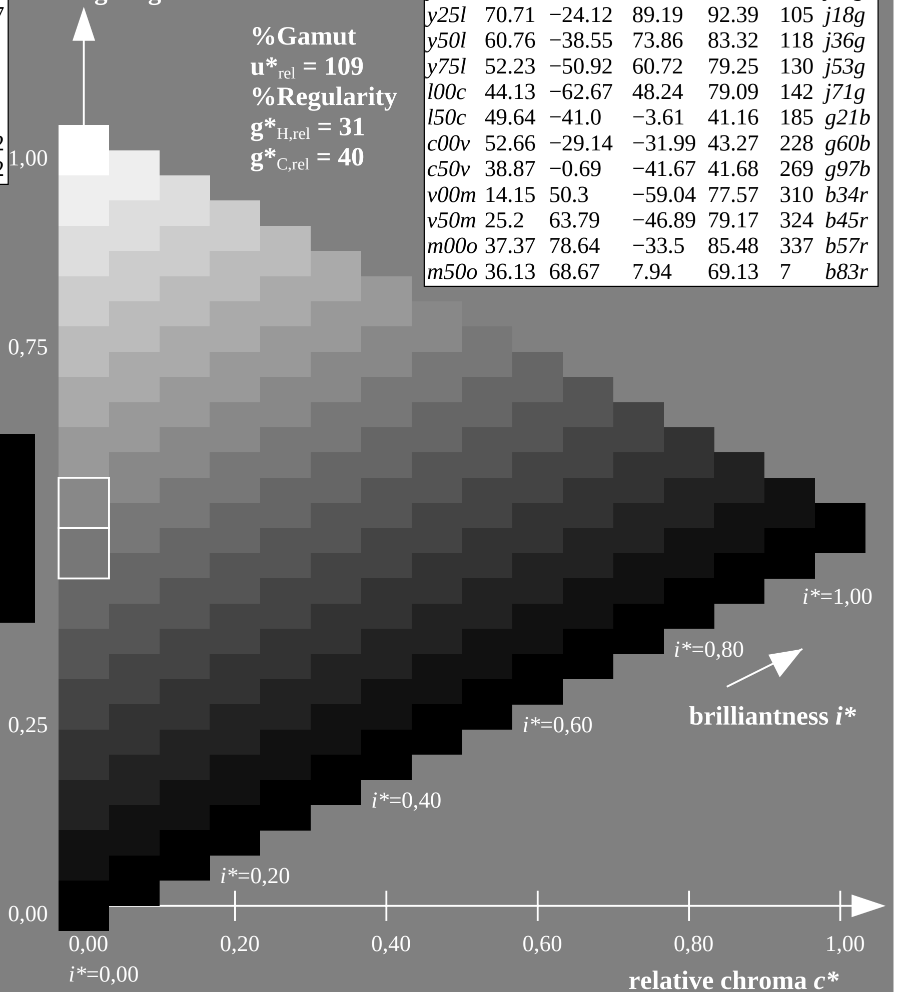
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 45 47 57**
***$LAB^*LCH^*_{Ma}$*: 45 74 50**
***$lab^*olv^*_{Ma}$*: 1.0 0.25 0.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.37 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



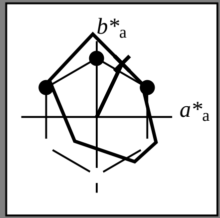
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

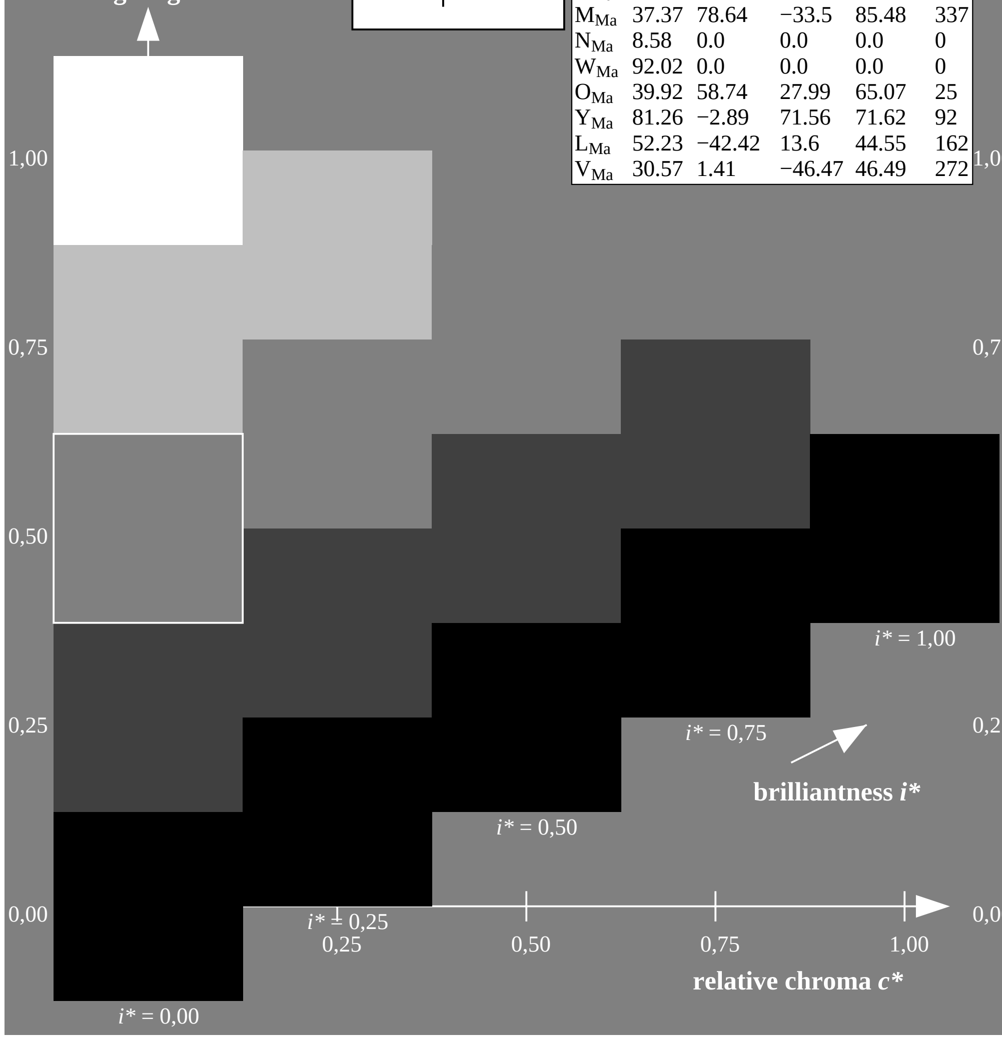
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$ ***$u^*_d = o50y$***

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o50y$ $u^*_e = r58j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



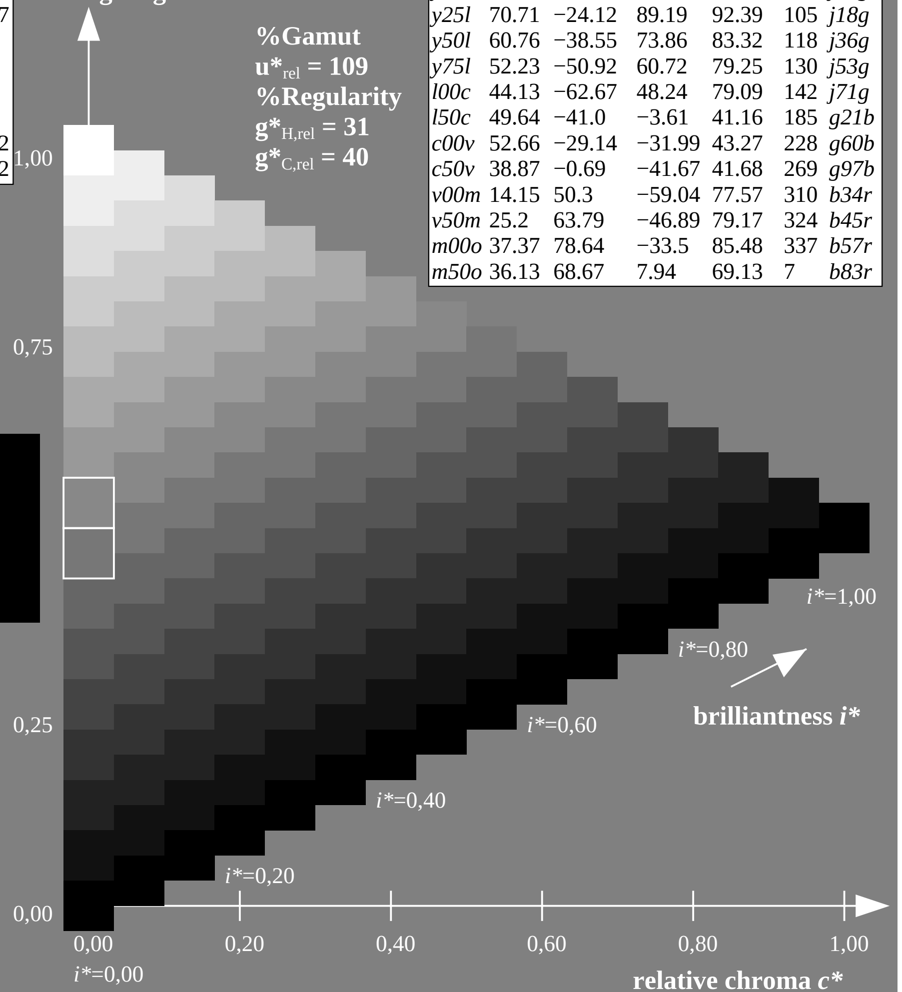
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 55 34 70**
***$LAB^*LCH^*_{Ma}$*: 55 78 64**
***$lab^*olv^*_{Ma}$*: 1.0 0.5 0.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.58 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



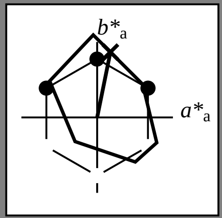
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$ ***u*d = o75y***

data for any colour:
lab*tch** and lab*icu*
Hue texts:
u*d = o75y u*e = r79j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

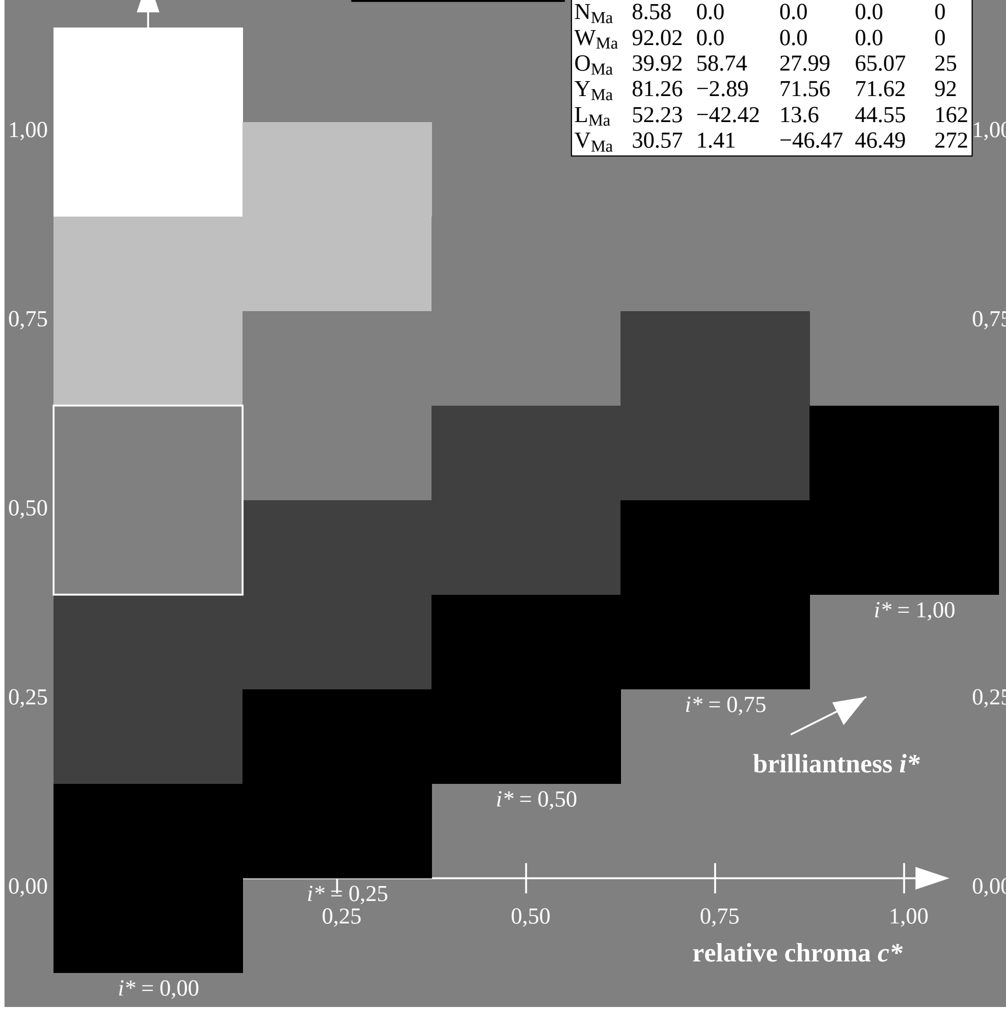


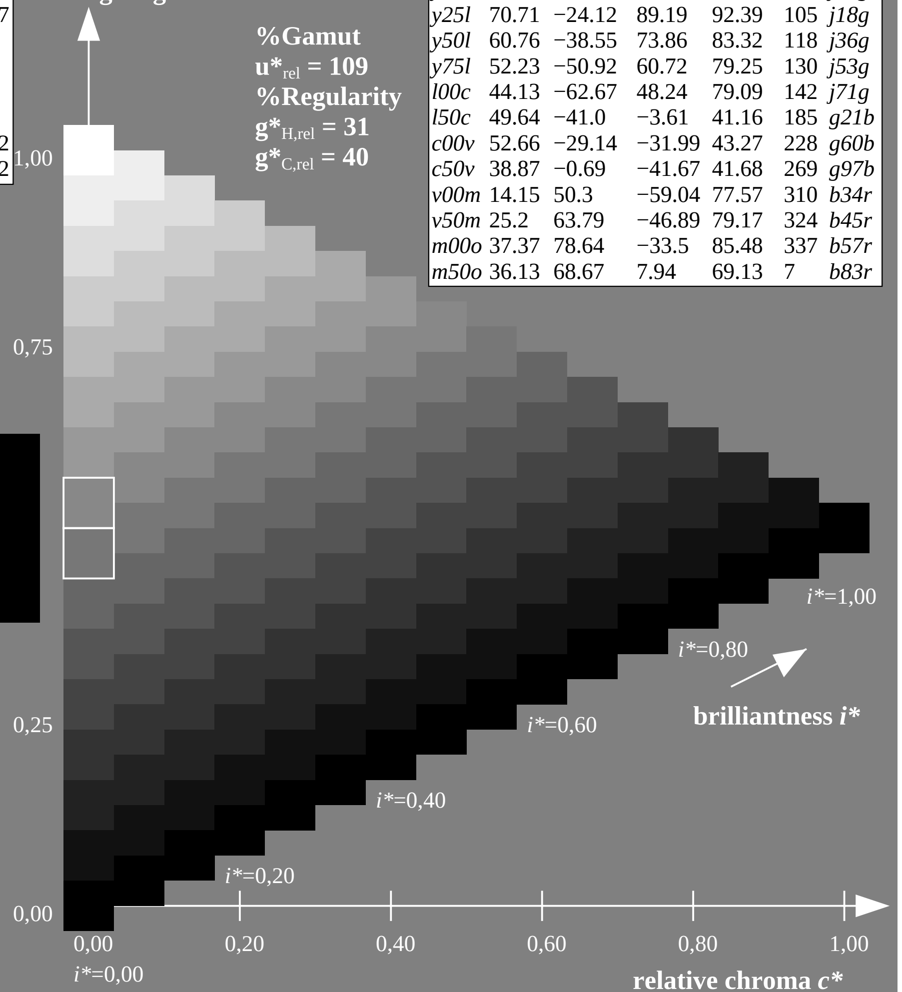
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 67 17 87**
***LAB*LCH*Ma*: 67 88 78**
***lab*olv*Ma*: 1.0 0.75 0.0**
***lab*rgb*Ma*: 1.0 0.79 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





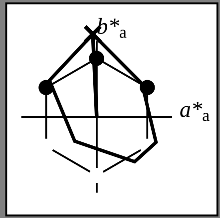
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

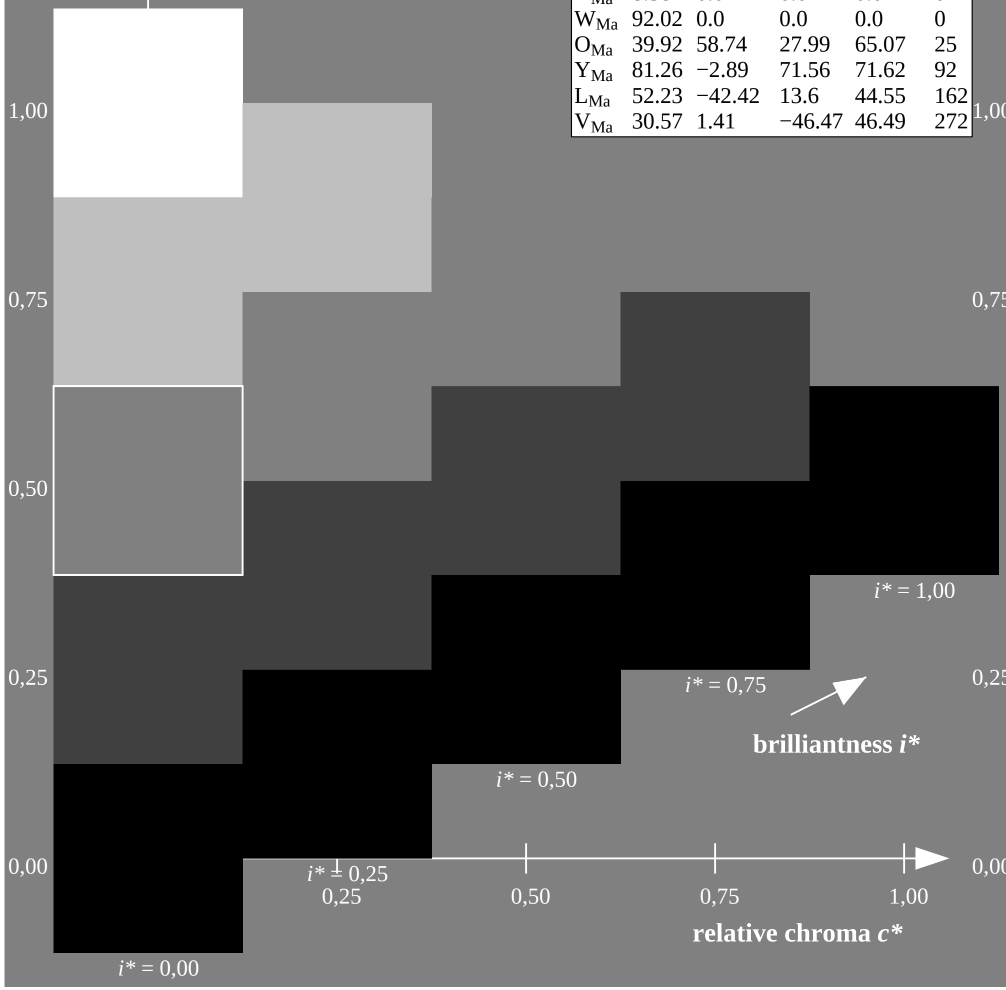
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$ $u^*_d = y00l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



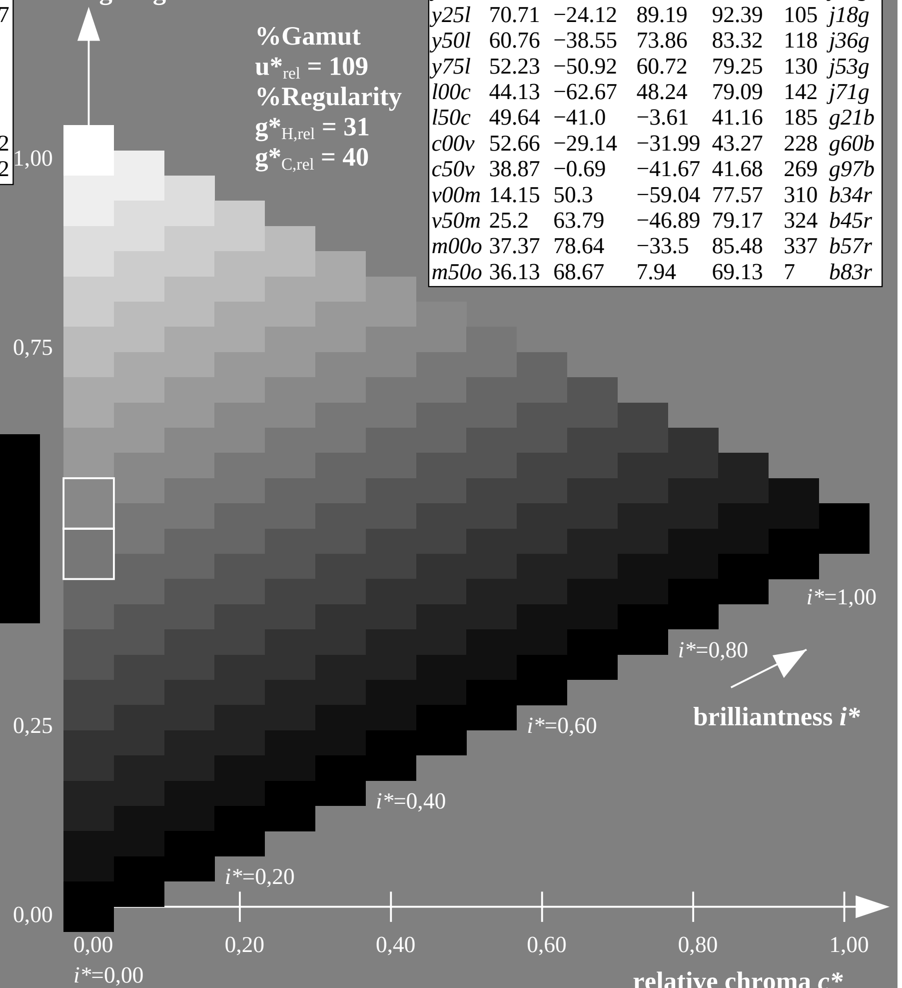
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 84 −5 109
$LAB^*LCH^*_{Ma}$: 84 109 92
$lab^*olv^*_{Ma}$: 1.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



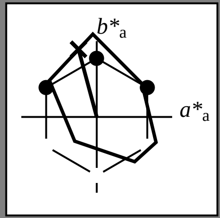
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$ $u^*_d = y25l$

data for any colour:
lab*tch* and *lab*icu*
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

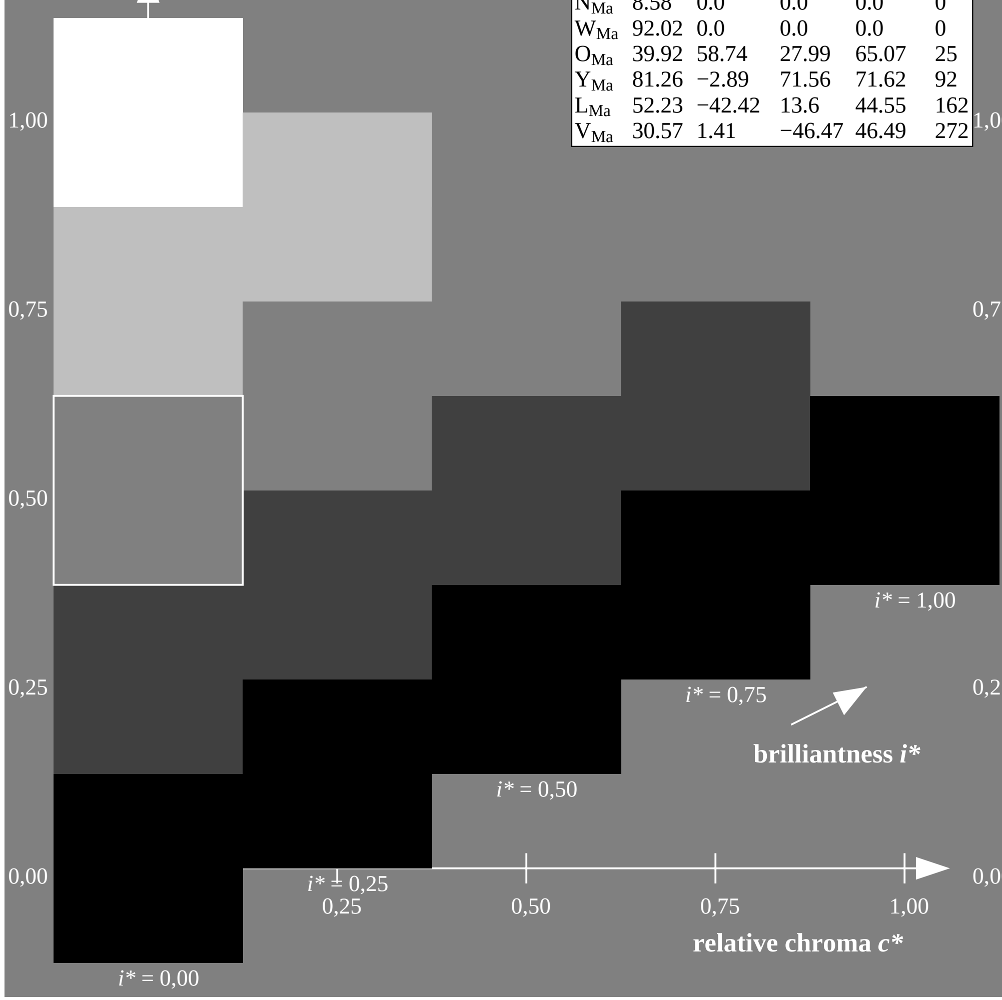


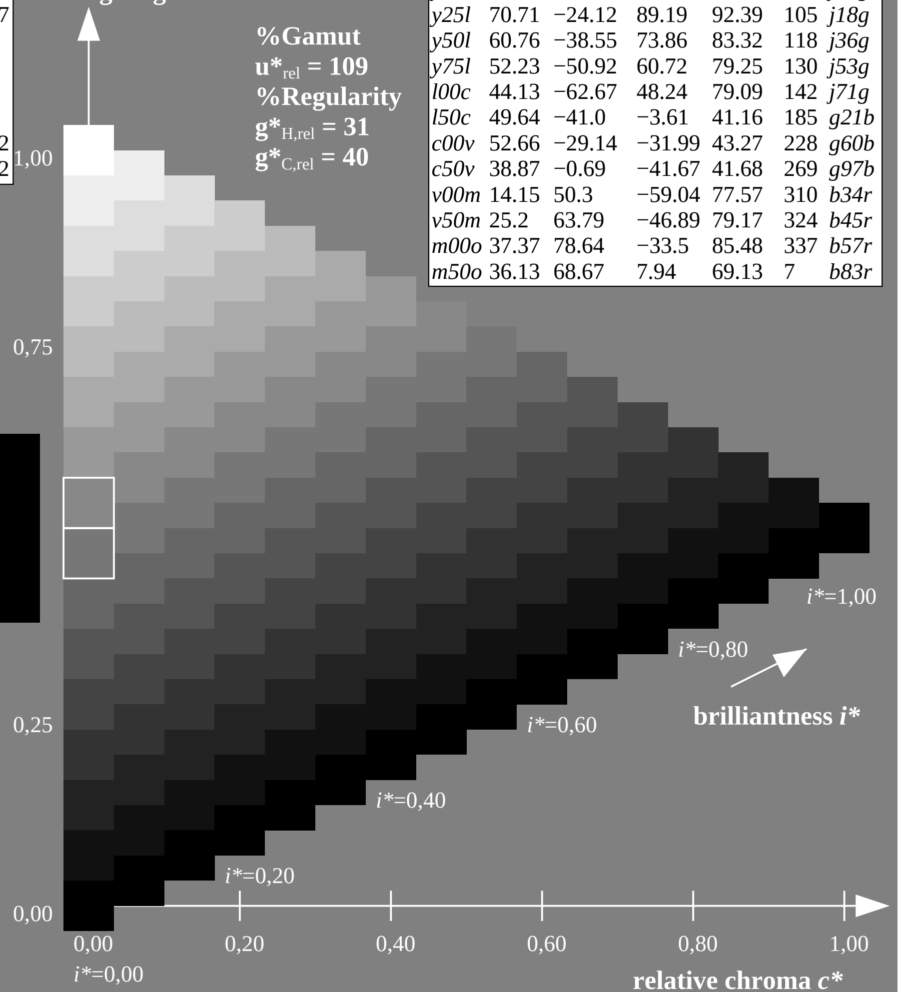
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
FRS09_92a; adapted (a) CIELAB data					
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 71 −24 89
$LAB^*LCH^*_{Ma}$: 71 92 105
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
FRS09_92a; adapted (a) CIELAB data						
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





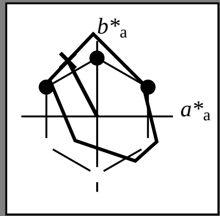
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

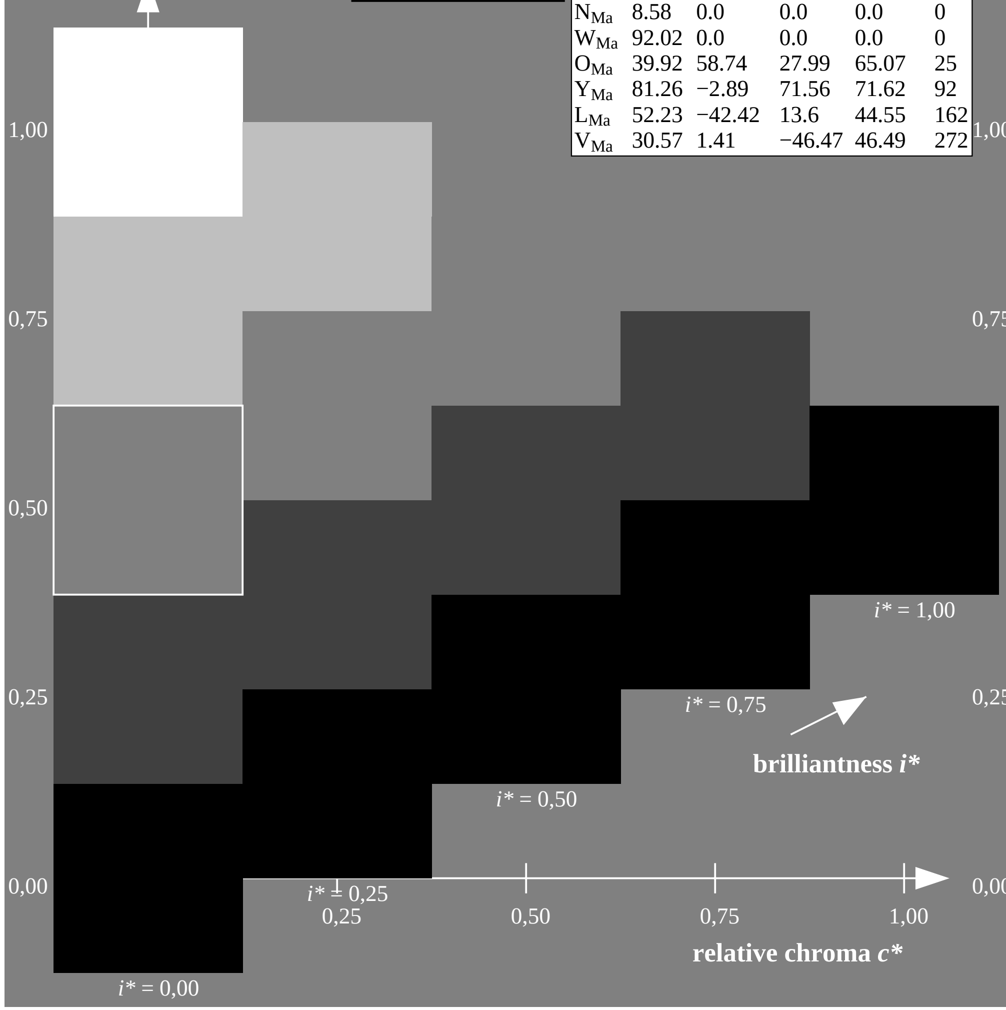
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$ $u^*_d = y50l$

data for any colour:
lab*tch** and **lab*icu
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



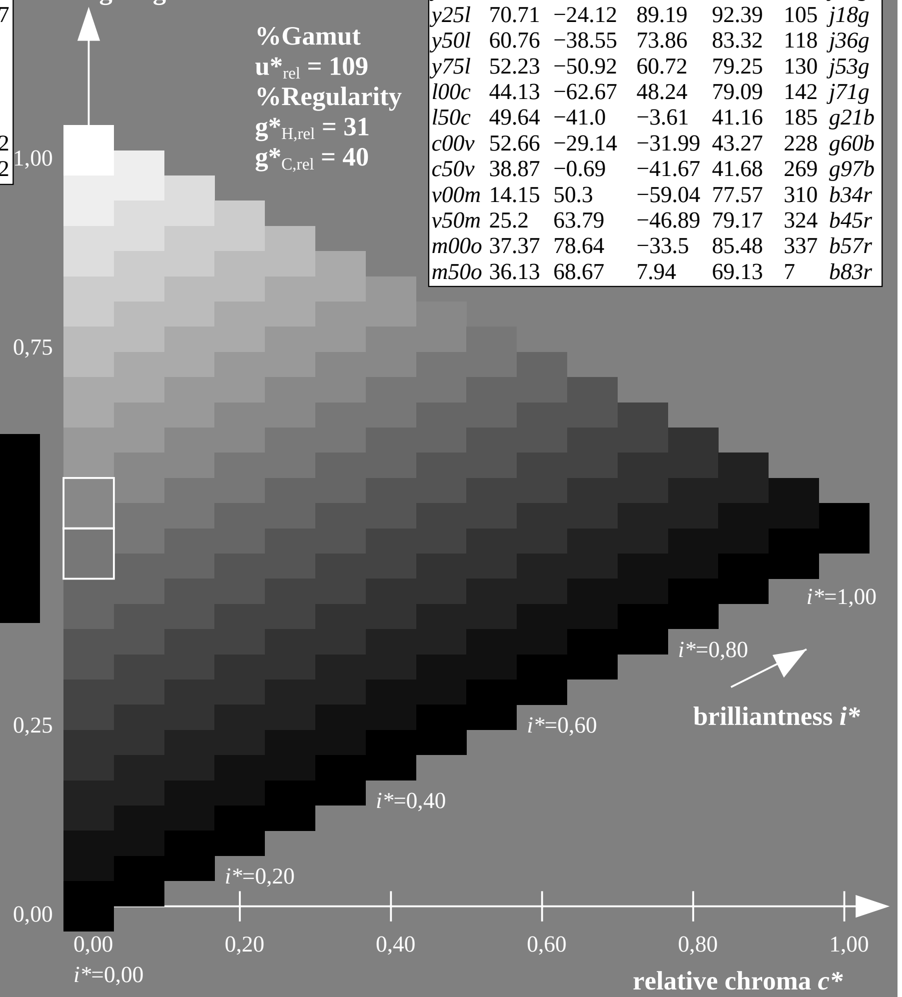
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 61 −39 74**
***LAB*LCH*$_{Ma}$*: 61 83 117**
***lab*olv*$_{Ma}$*: 0.5 1.0 0.0**
***lab*rgb*$_{Ma}$*: 0.64 1.0 0.0**
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



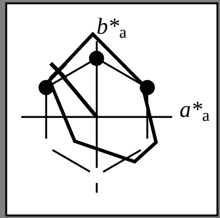
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$ **$u^*_d = y75l$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

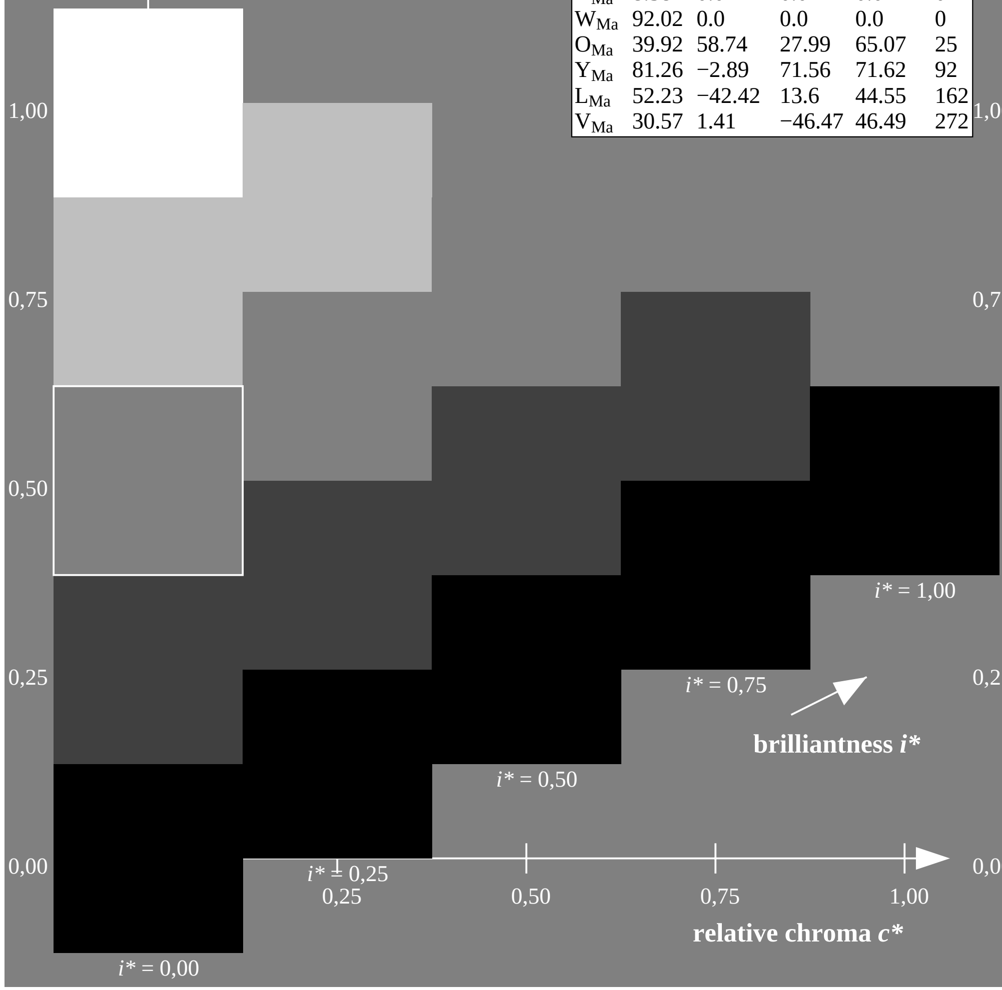


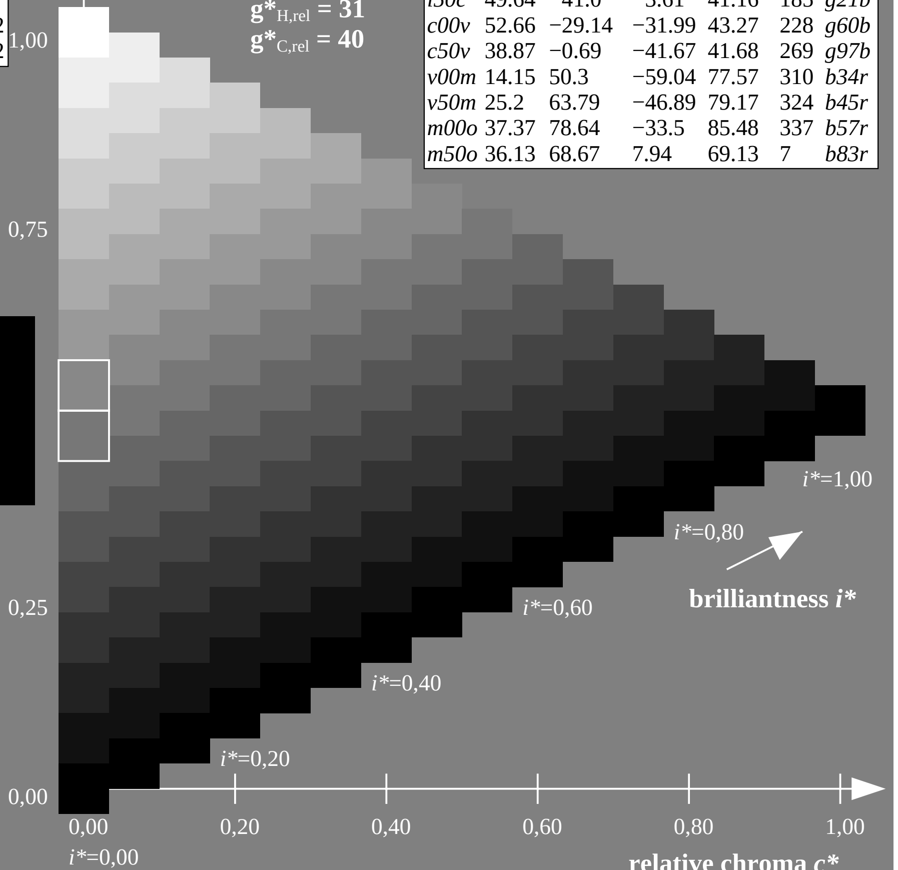
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*Ma*: 52 −51 61**
***LAB*LCH*Ma*: 52 79 129**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.46 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

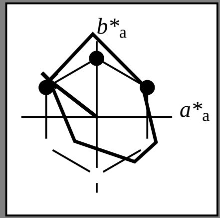
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$ $u^*_d = l00c$

data for any colour:
lab*tch** and *lab*icu*

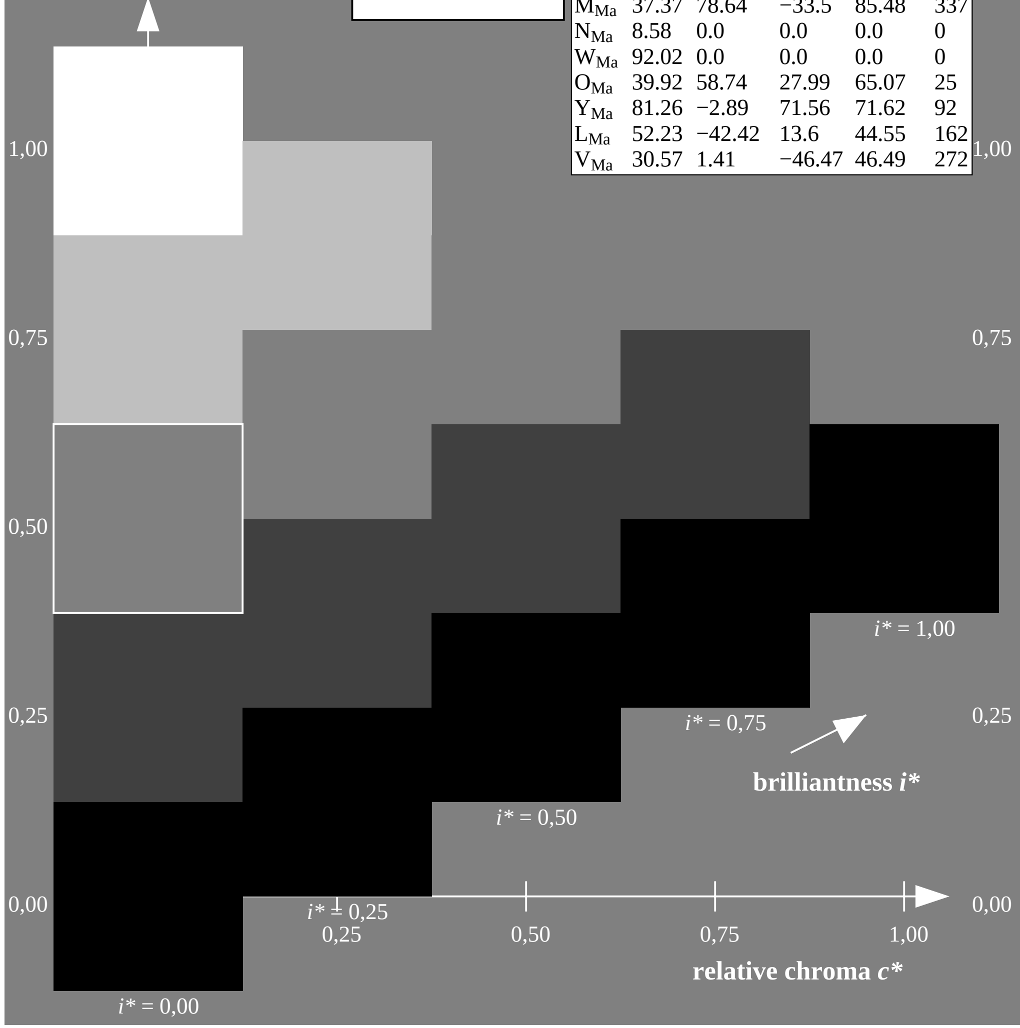
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$

contrast reduction factor:
$c_R = 1.0$

triangle lightness *t**



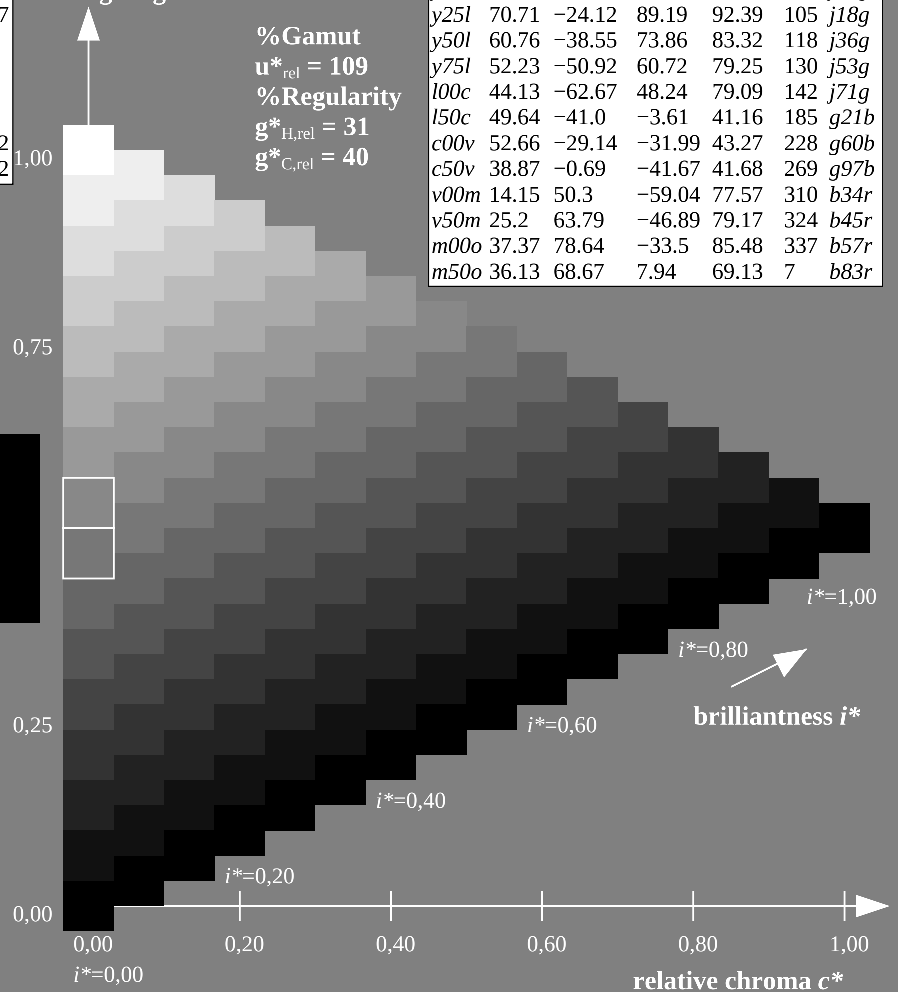
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$: 44 −63 48
LAB*LCH*$_{Ma}$: 44 79 142
lab*olv*$_{Ma}$: 0.0 1.0 0.0
lab*rgb*$_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

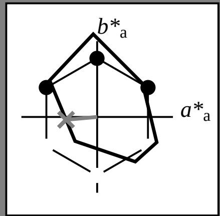


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$ **$u^*_d = l50c$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

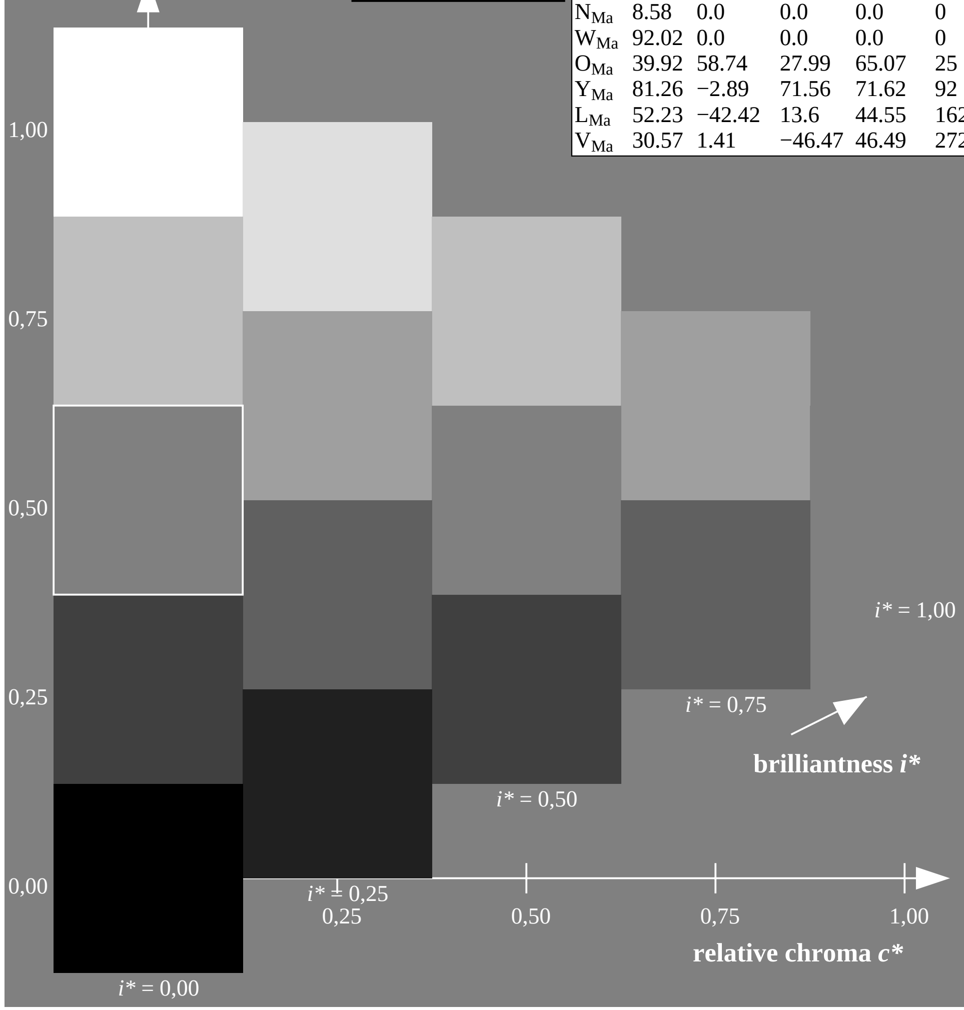


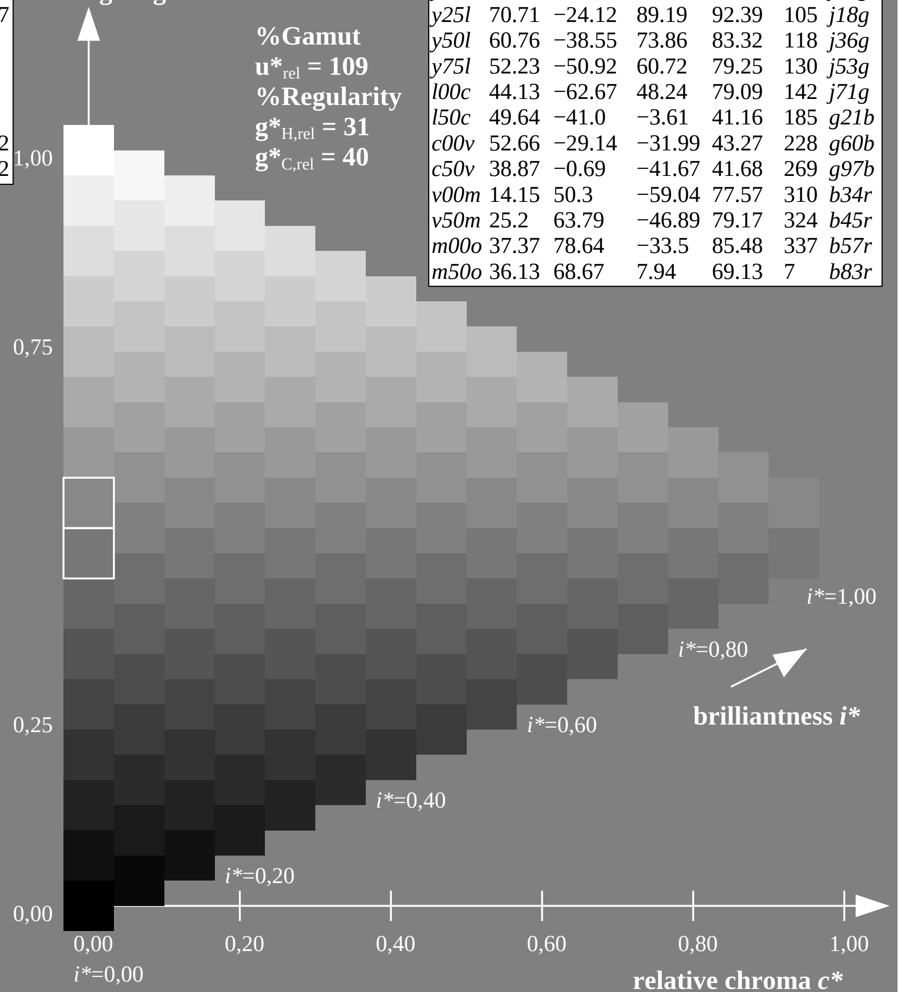
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 50 −41 −4**
LAB*LCH*$_{Ma}$**: 50 41 185**
lab*olv*$_{Ma}$**: 0.0 1.0 0.5**
lab*rgb*$_{Ma}$**: 0.0 1.0 0.42**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



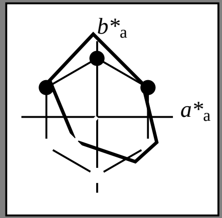


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

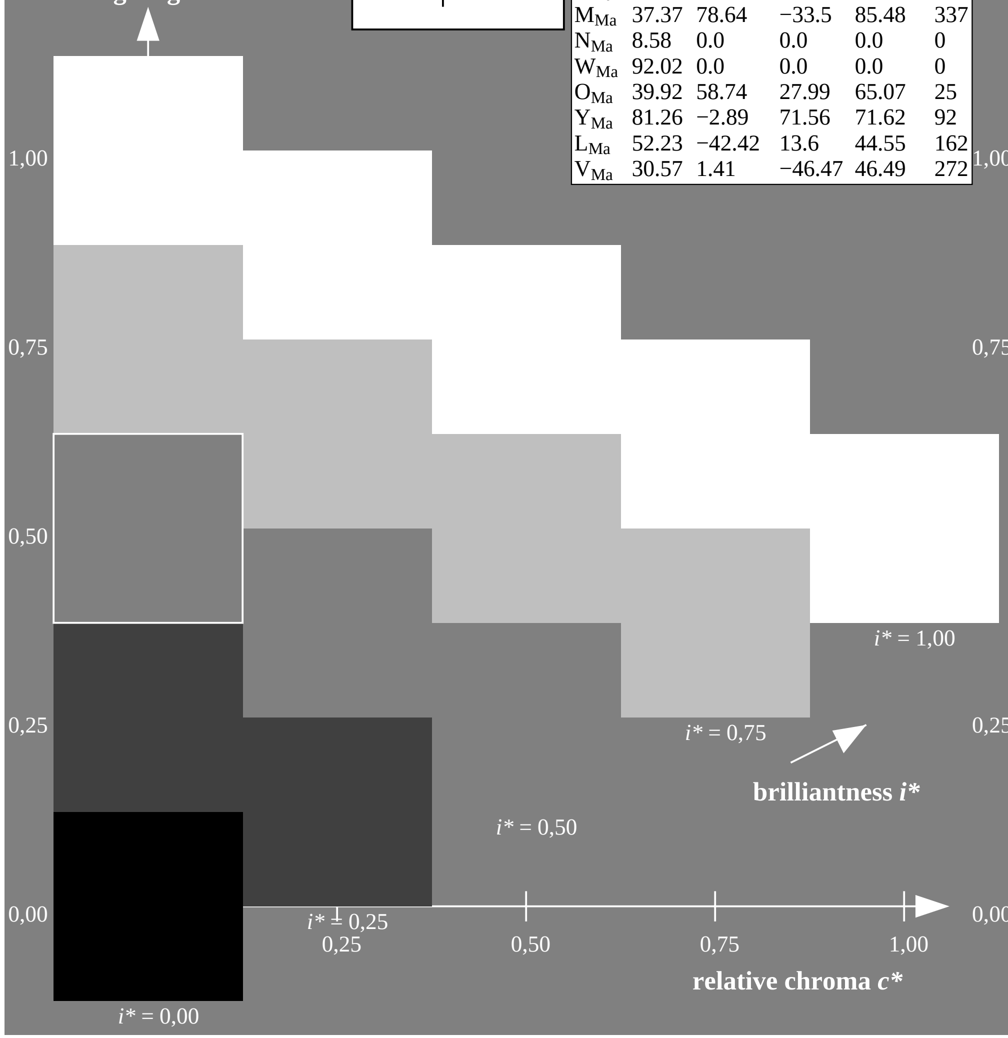
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$ ***$u^*_d = c00v$***

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



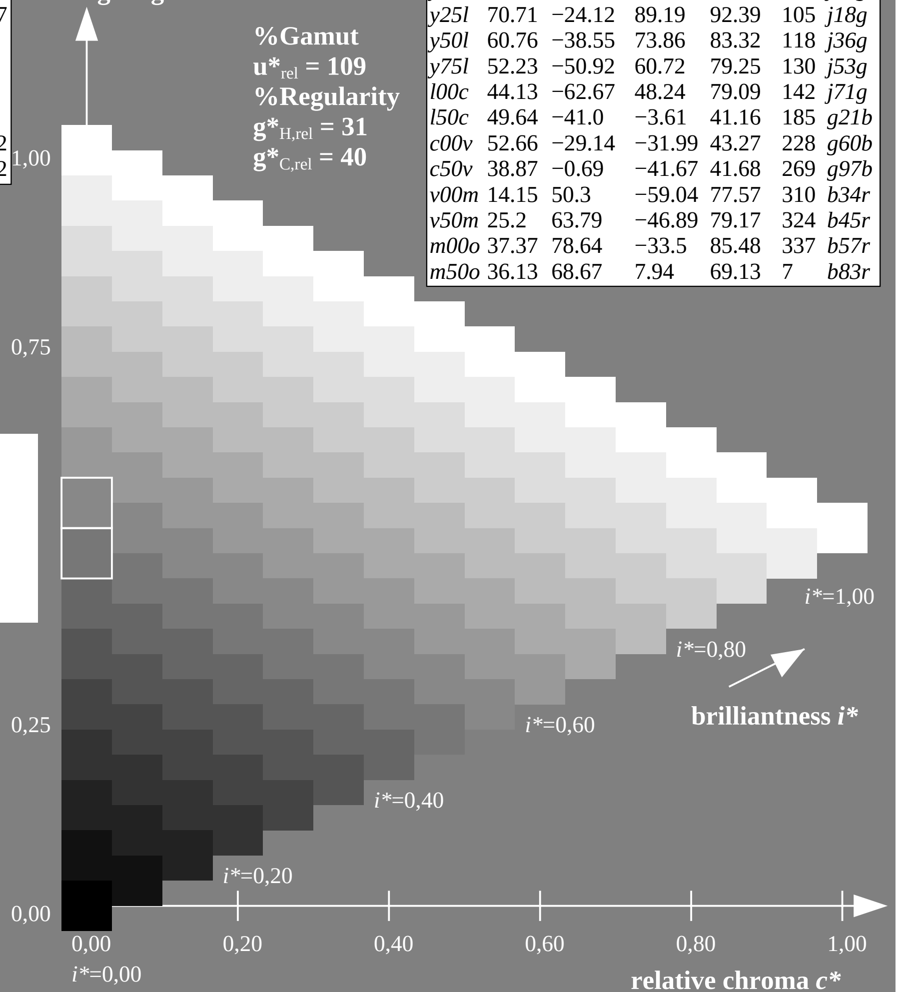
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$: **53 −29 −32**
LAB*LCH*$_{Ma}$: **53 43 227**
lab*olv*$_{Ma}$: **0.0 1.0 1.0**
lab*rgb*$_{Ma}$: **0.0 0.8 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



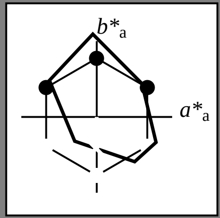
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

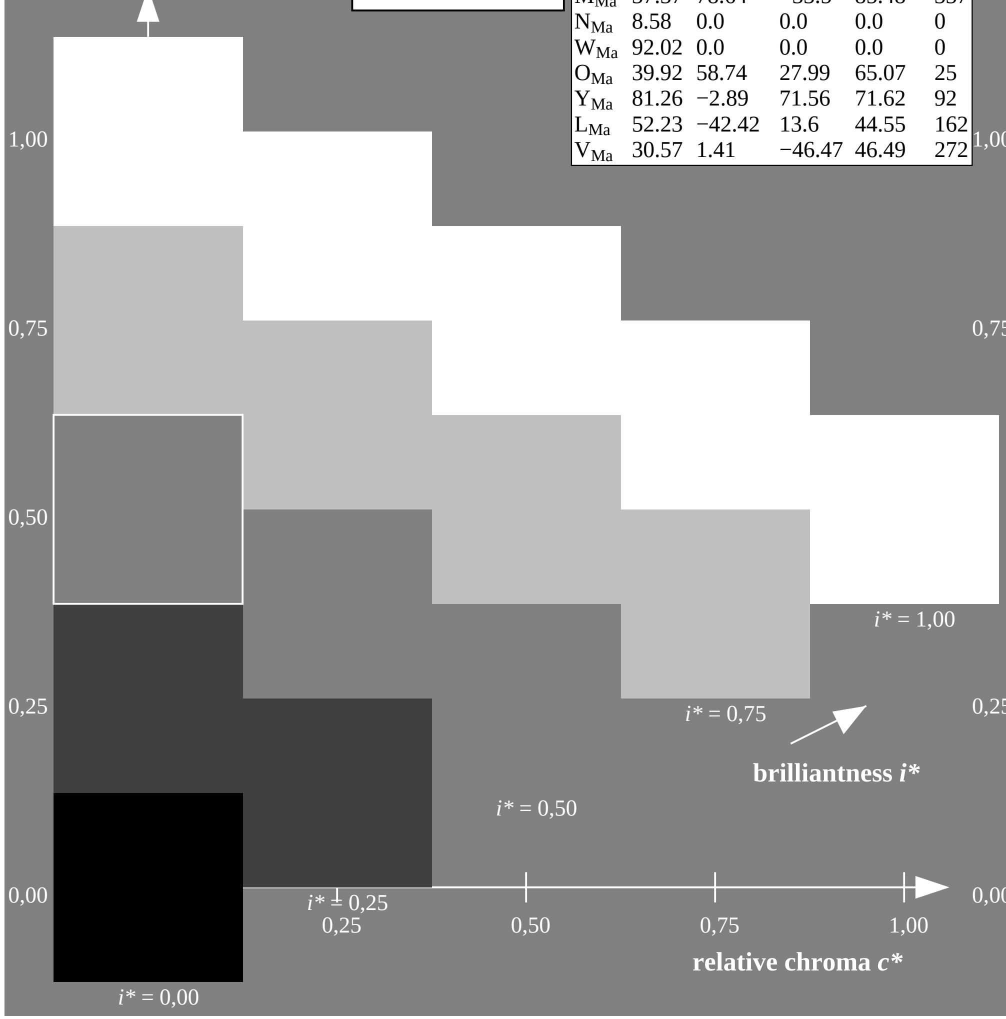
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$ **$u^*_d = c50v$**

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

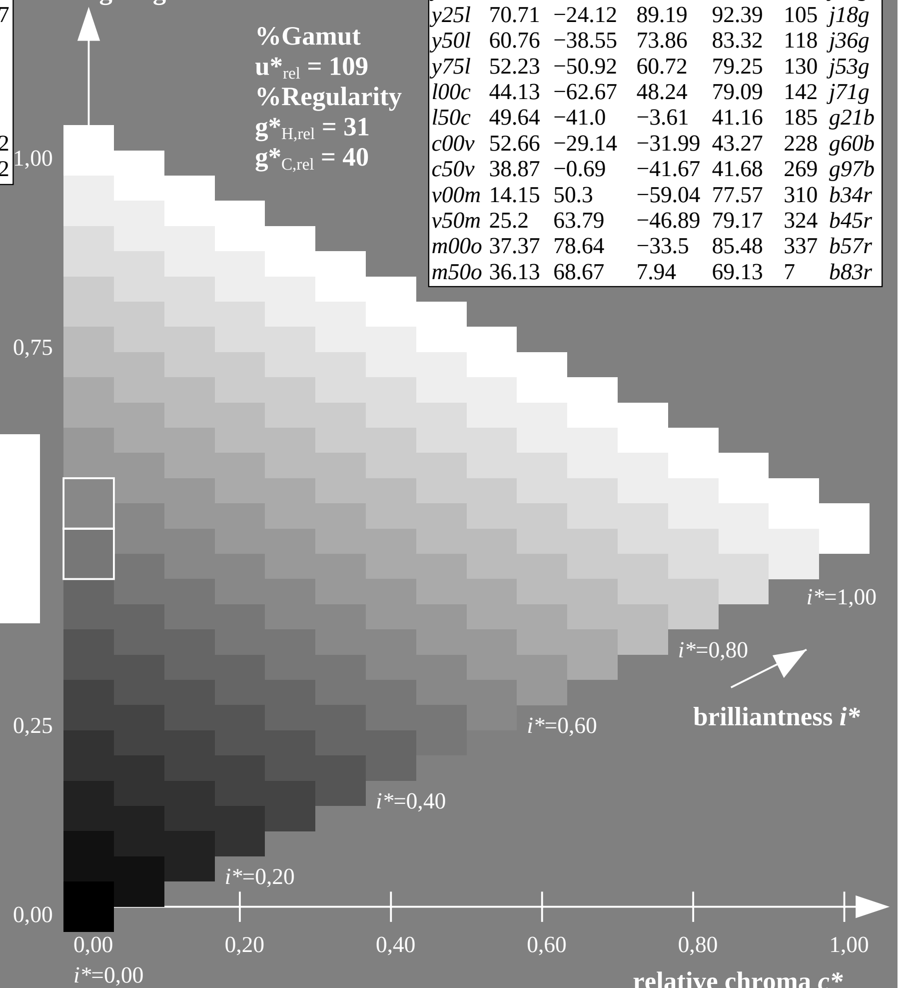


Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 −1 −42
$LAB^*LCH^*_{Ma}$: 39 42 269
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



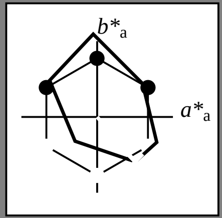
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

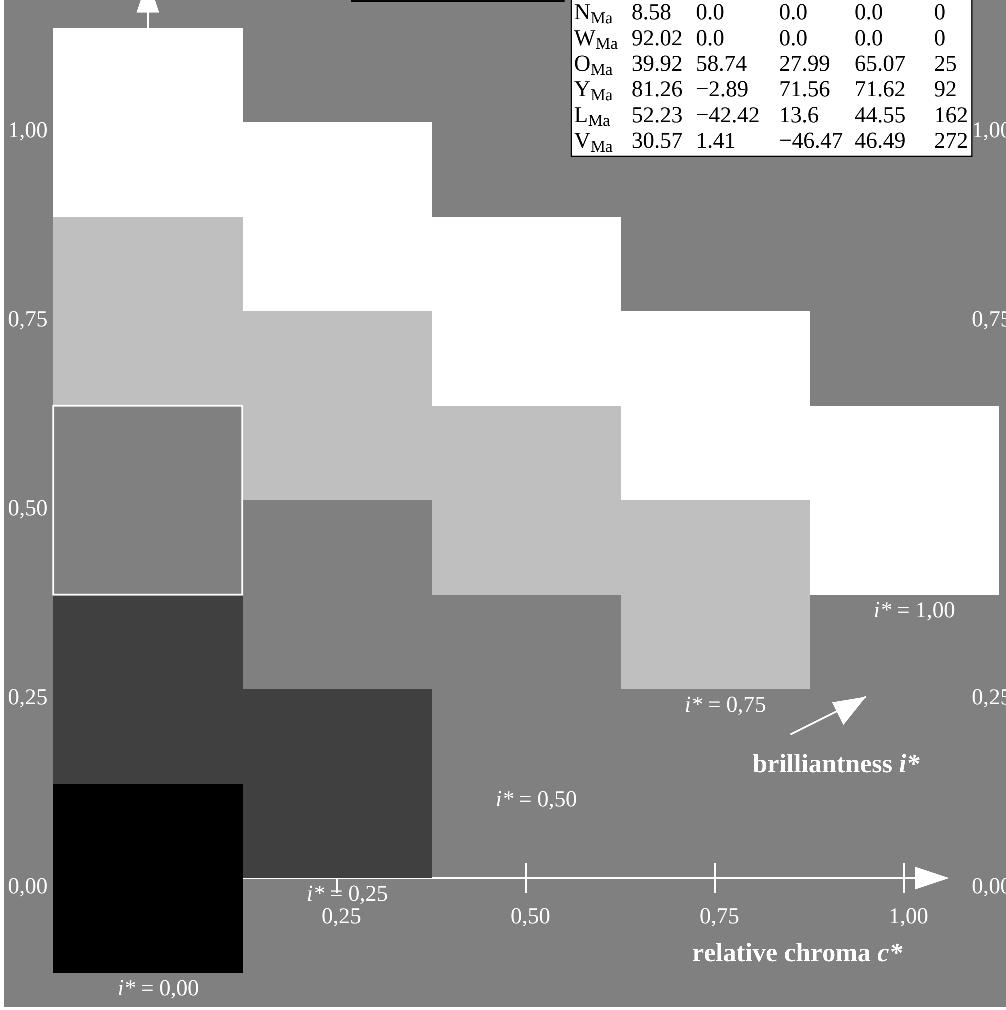
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$ ***$u^*_d = v00m$***

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



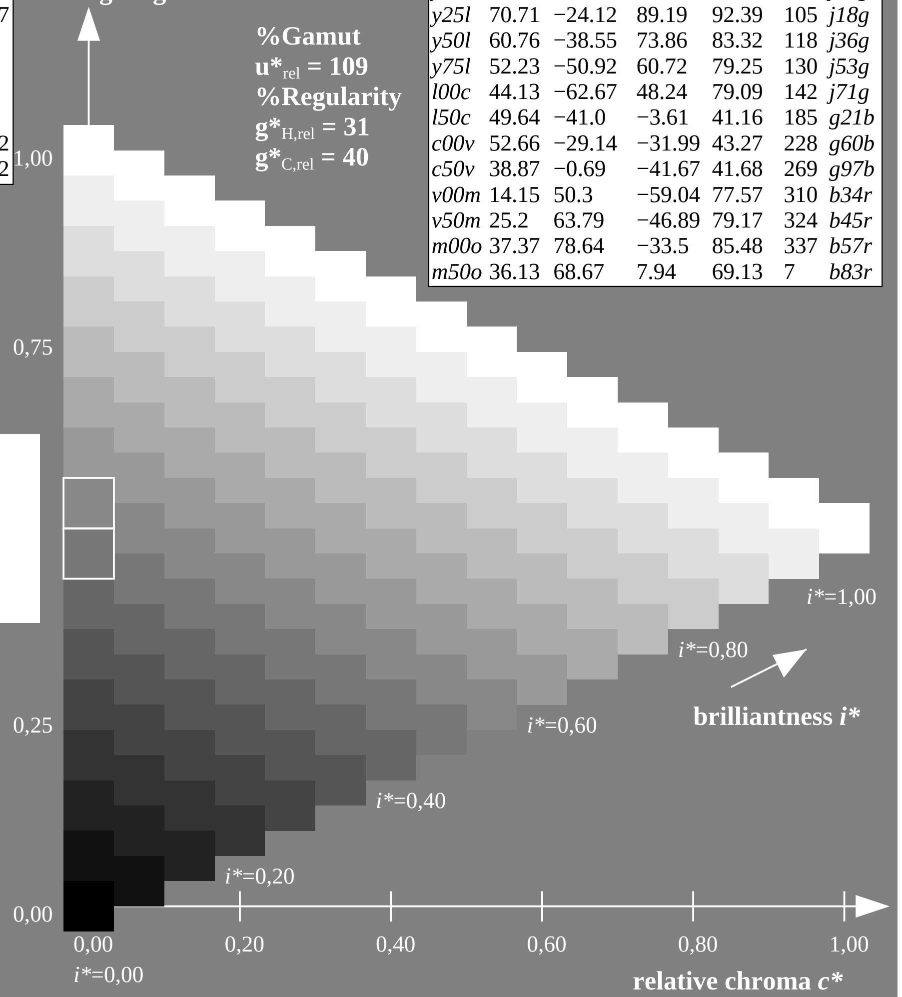
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 14 50 −59**
LAB*LCH*$_{Ma}$**: 14 78 310**
lab*olv*$_{Ma}$**: 0.0 0.0 1.0**
lab*rgb*$_{Ma}$**: 0.68 0.0 1.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



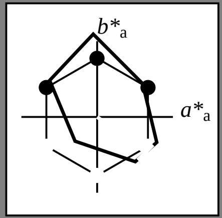
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$ **$u^*_d = v50m$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

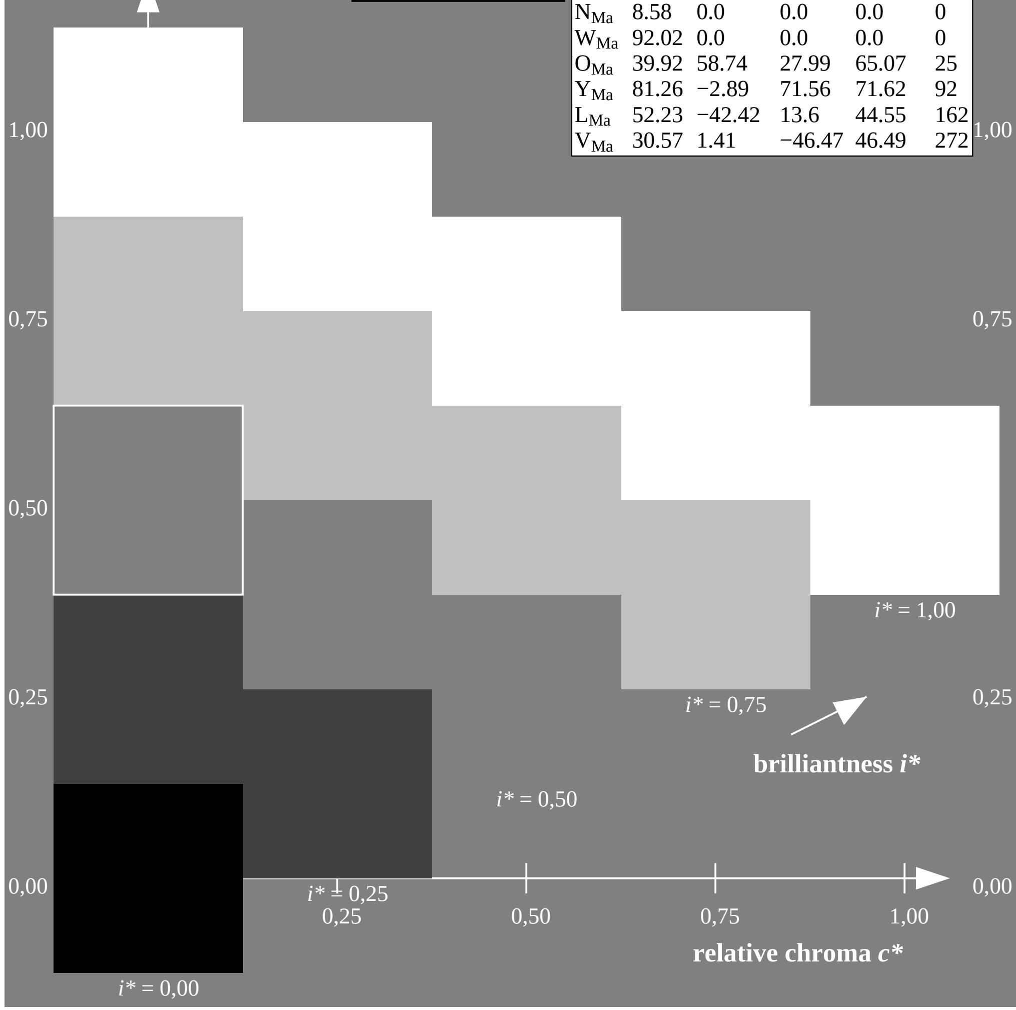


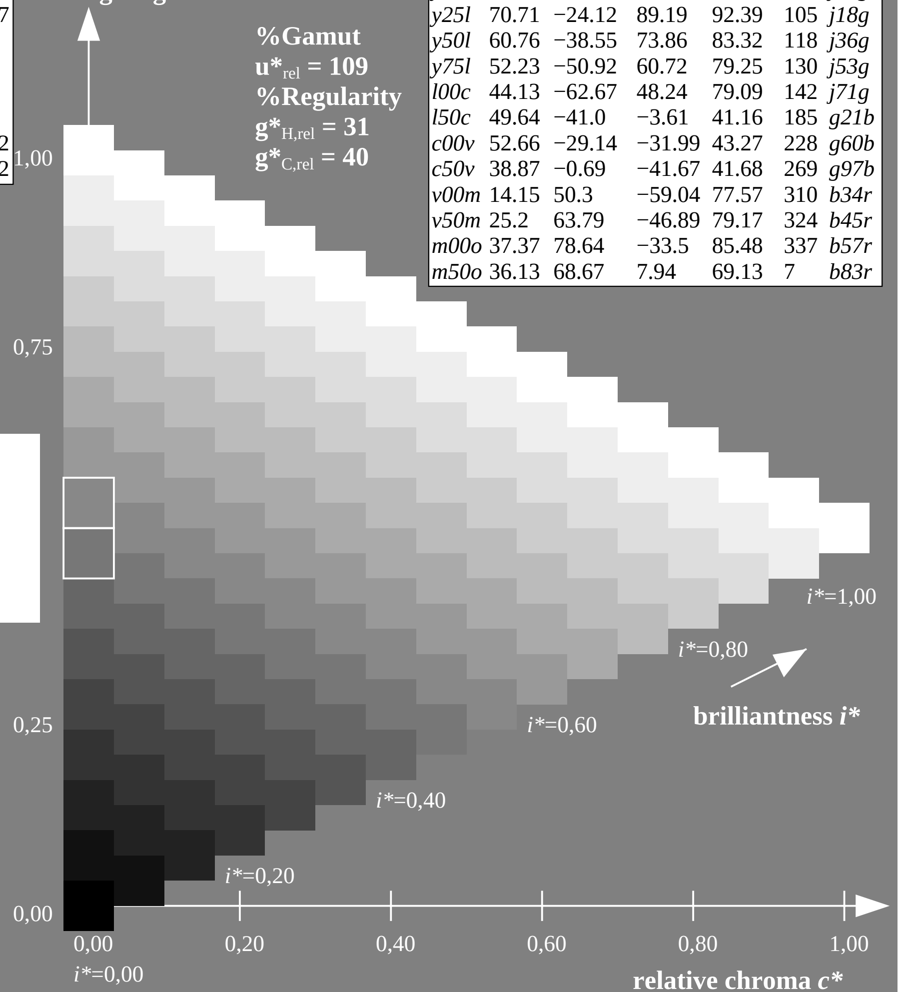
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 25 64 −47**
***LAB*LCH**$_{Ma}$: 25 79 323**
***lab*olv**$_{Ma}$: 0.5 0.0 1.0**
***lab*rgb**$_{Ma}$: 0.91 0.0 1.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





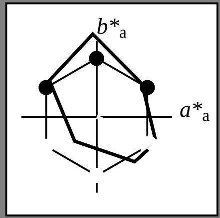
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

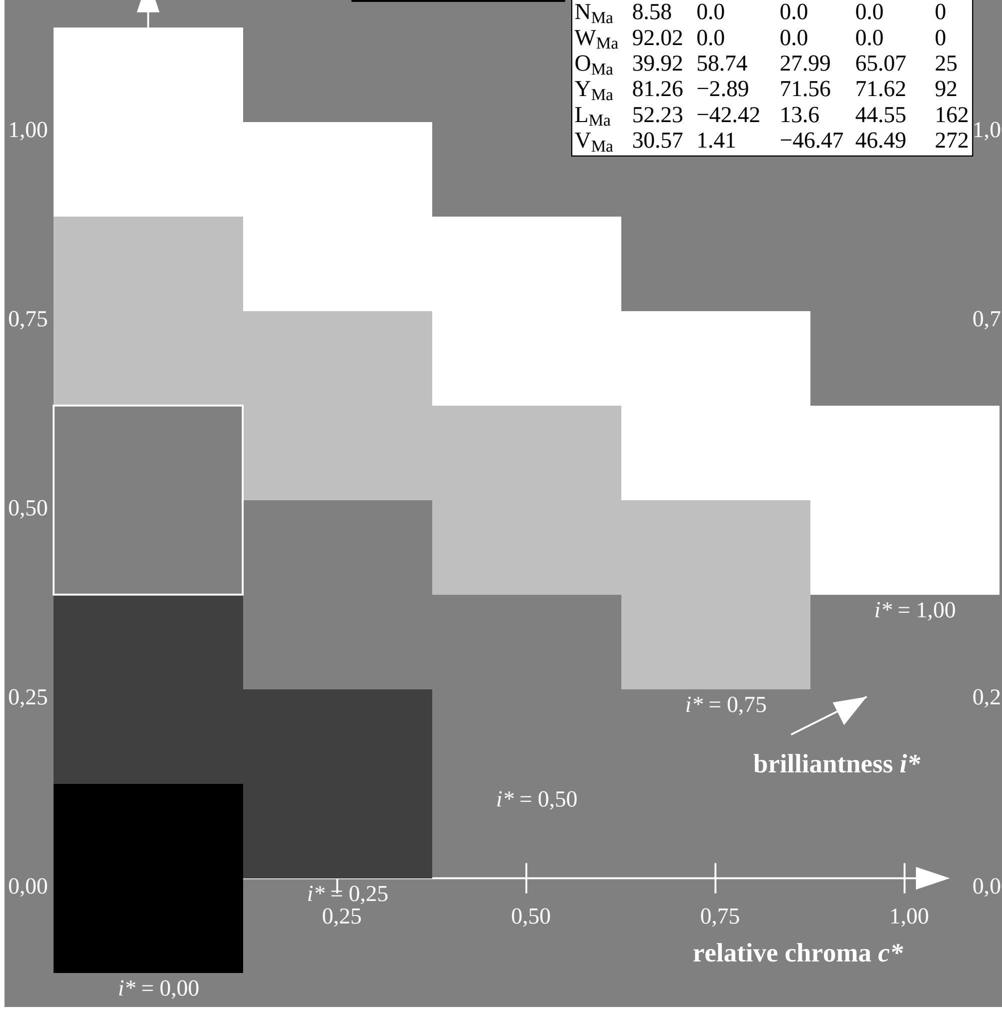
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$ **$u^*_d = m00o$**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



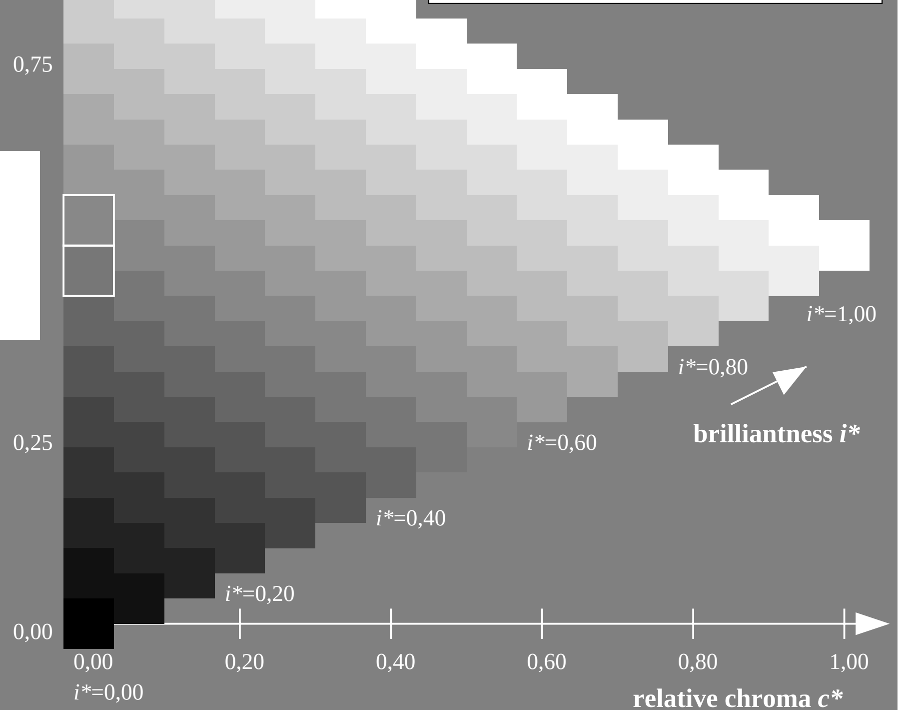
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 37 79 −34**
***LAB*LCH**$_{Ma}$: 37 85 336**
***lab*olv**$_{Ma}$: 1.0 0.0 1.0**
***lab*rgb**$_{Ma}$: 1.0 0.0 0.85**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



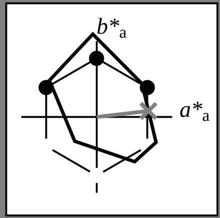
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

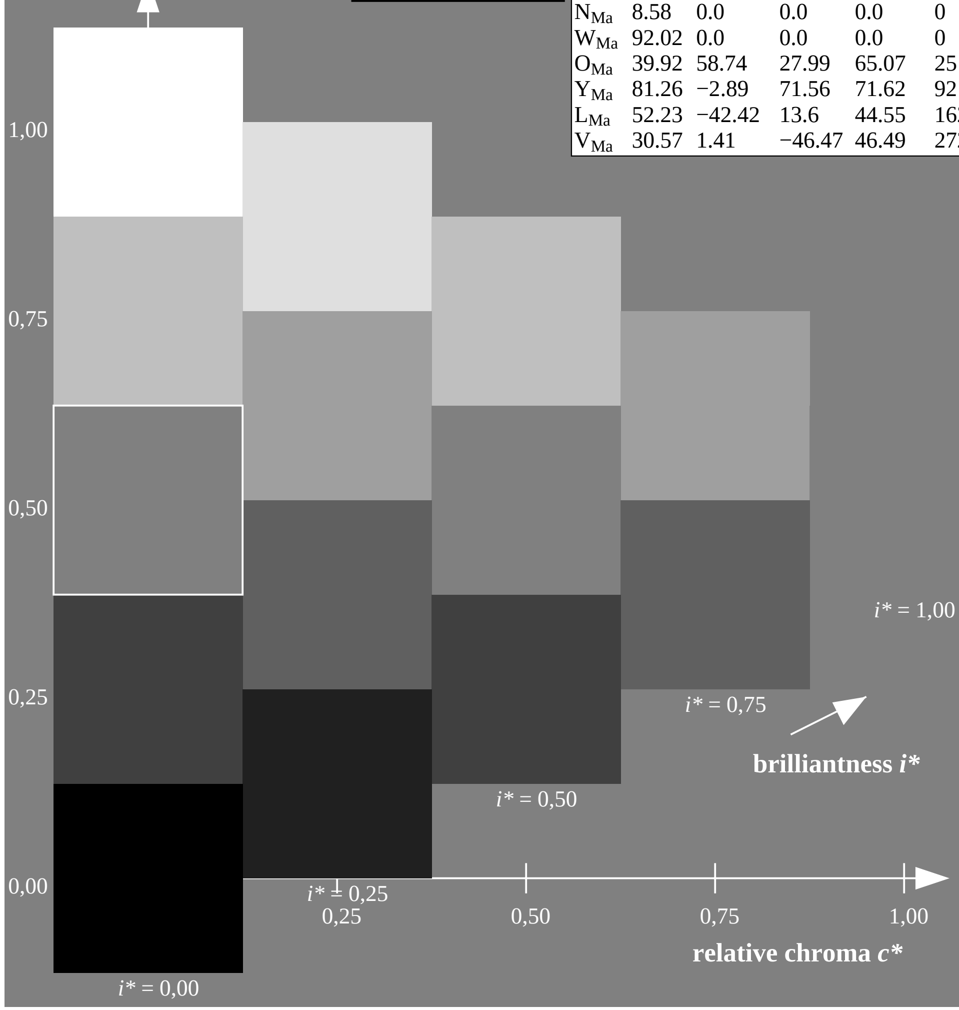
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$ ***$u^*_d = m50o$***

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

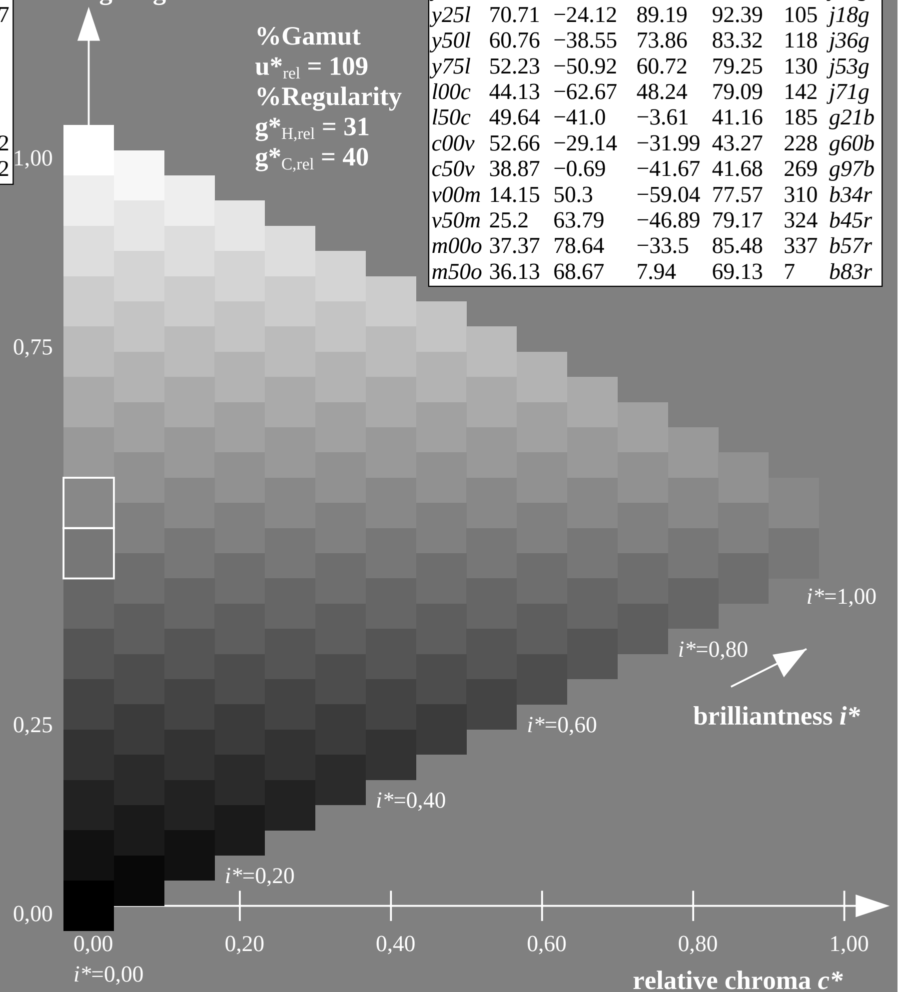


Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 36 69 8**
***$LAB^*LCH^*_{Ma}$*: 36 69 6**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 0.5**
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.33**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

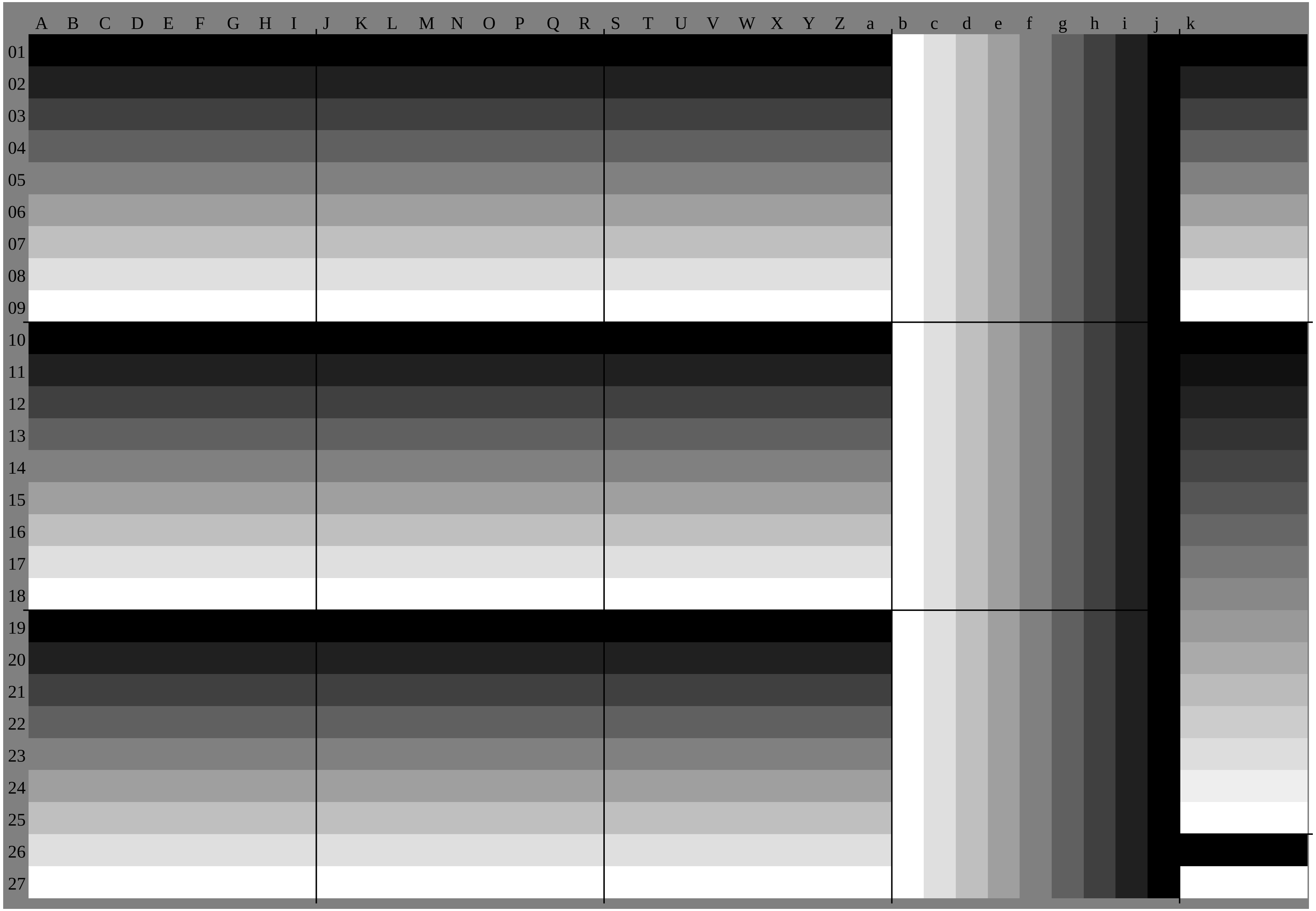


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

www.ps.bam.de/Ee40/10L/L40E00NP.PS/ .PDF; FRS09_92a; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D); Separation: cmyn



See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

BAM-test chart Ee40; Colorimetric systems, Page 90/270
3 separations and 9 data tables for 16 hues *o00y* to *m75o*

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Black separation empty

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Black separation empty

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Black separation empty

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Black separation empty

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Black separation empty

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Black separation empty

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Black separation empty

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Black separation empty

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Black separation empty

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Black separation empty

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Black separation empty

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Black separation empty

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Black separation empty

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Black separation empty

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Black separation empty

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Black separation empty

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Black separation empty

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

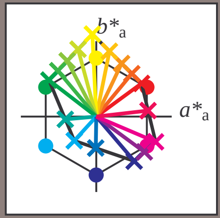
Black separation empty

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

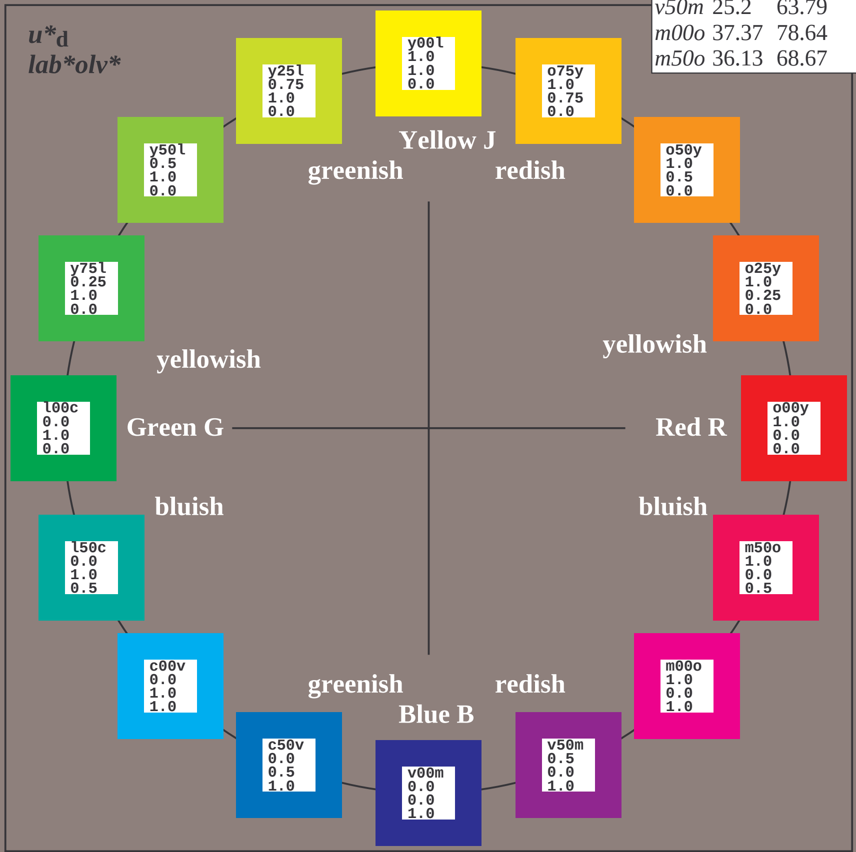
Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d **and number** ***no.*** **= 00 .. 15**
device hue text:
u^*_d **= 16 hues** ***o00y, o25y, ..., m50o***
contrast reduction factor:
$c_R = 1.0$

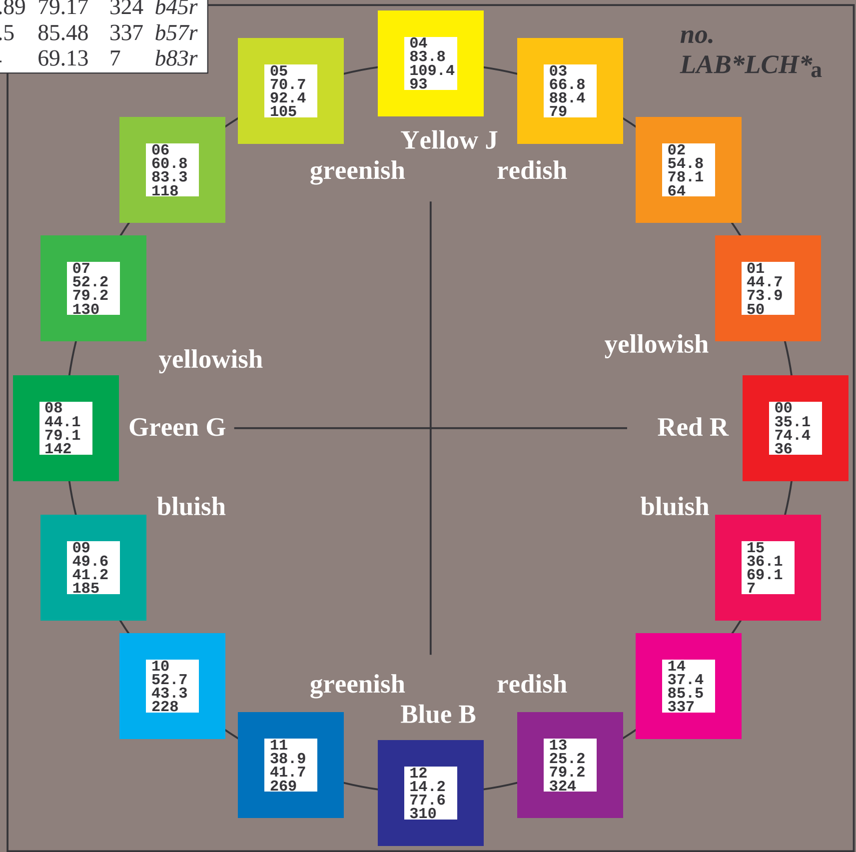
FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



%Gamut
u^*_{rel} **= 109**
%Regularity
$g^*_{H,rel}$ **= 31**
$g^*_{C,rel}$ **= 40**

FRS09_92a; adapted (a) CIELAB data					
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

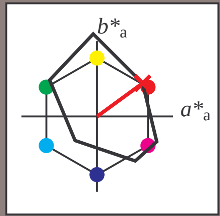
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

u^*_d = o00y
*lab*olv**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o00y u^*_e = r16j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

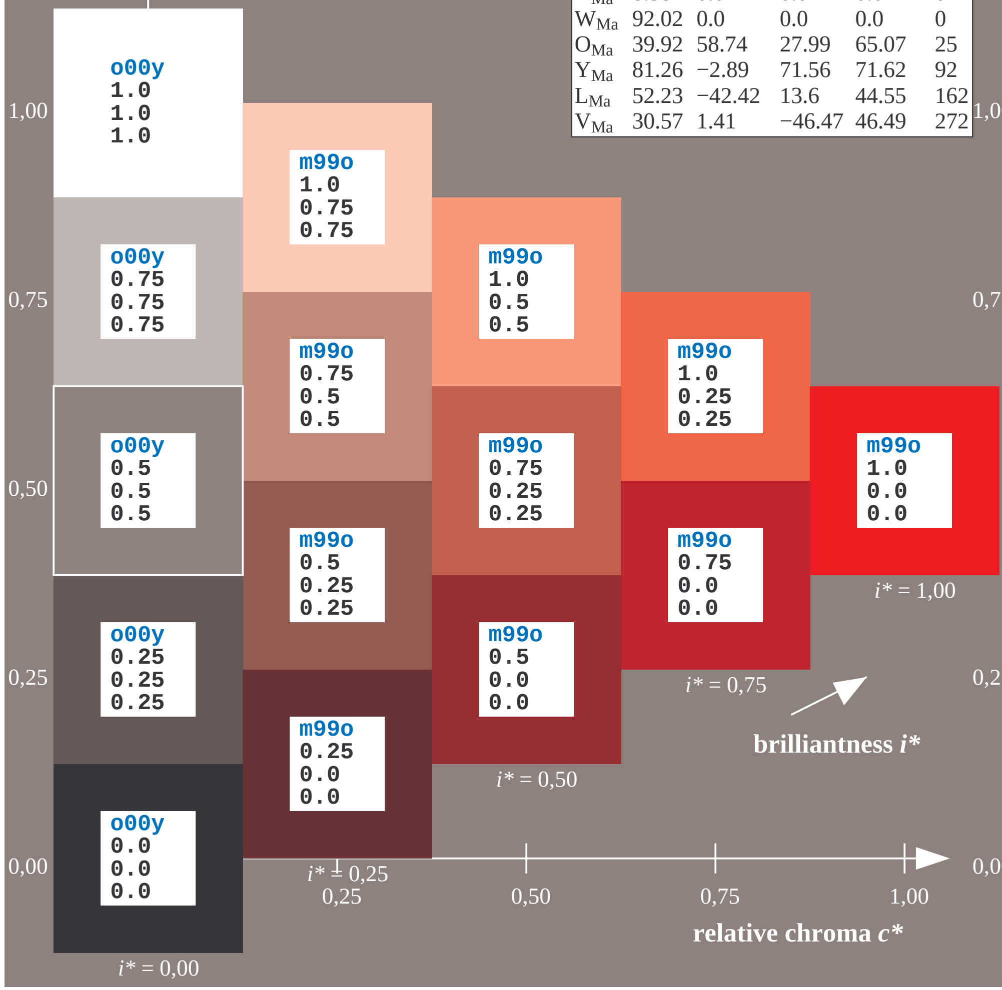


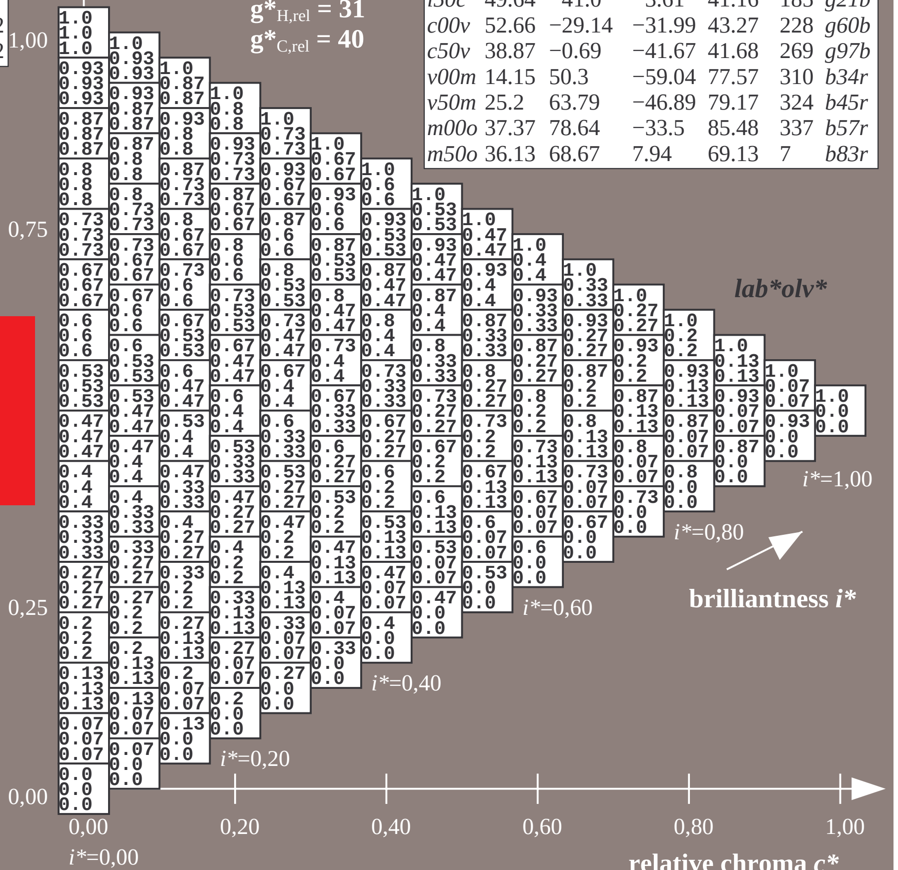
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 35 60 44**
***$LAB^*LCH^*_{Ma}$*: 35 74 36**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 0.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.16 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

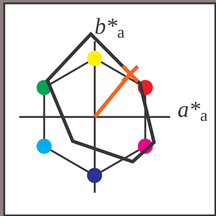
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

u^*_d = o25y
*lab*olv**

data for any colour: ***lab*tch* and *lab*icu****
Hue texts: ***u^*_d = o25y u^*_e = r37j***
contrast reduction factor: ***c_R = 1.0***
triangle lightness t*

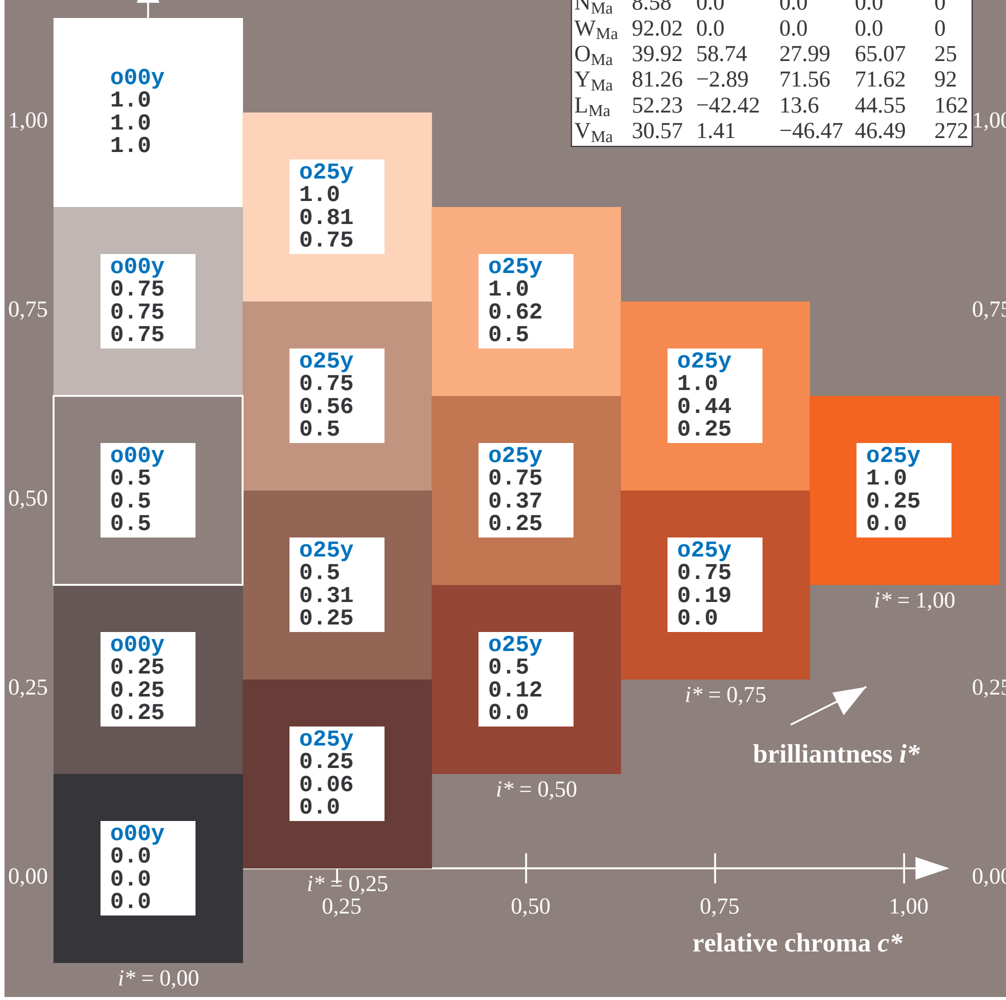


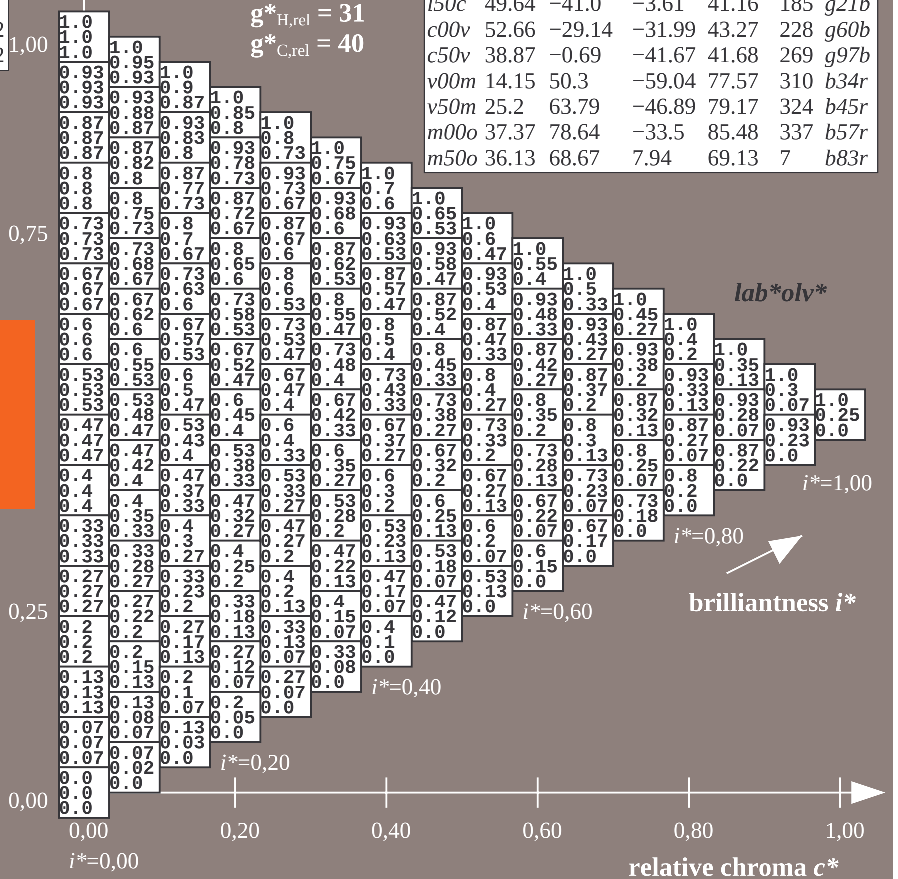
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 45 47 57
$LAB^*LCH^*_{Ma}$: 45 74 50
$lab^*olv^*_{Ma}$: 1.0 0.25 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0
triangle lightness t*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

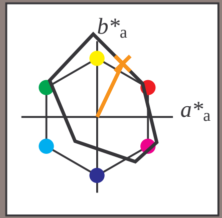
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

www.ps.bam.de/Ee40/10L/L40E00NP.PS/ .PDF; FRS09_92a; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

$u^*_d = o50y$
*lab*olv**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o50y$ $u^*_e = r58j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

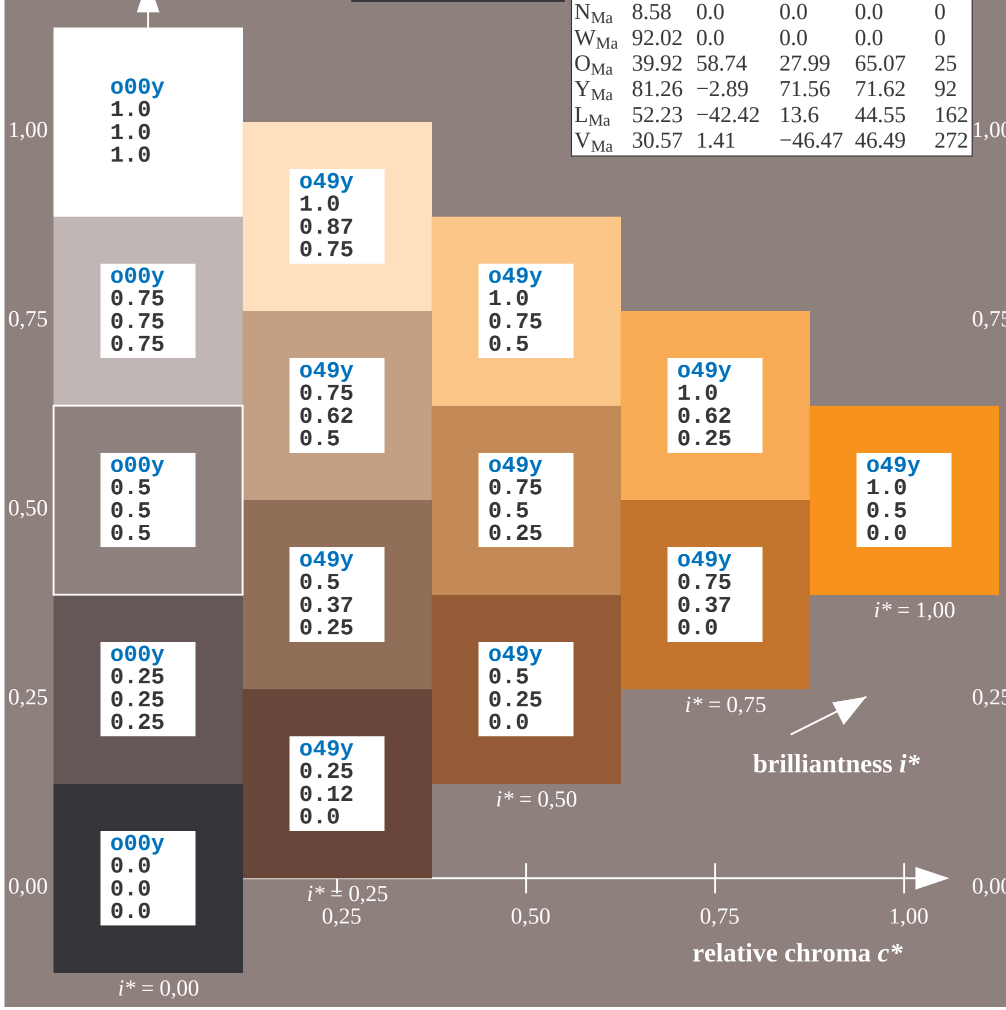


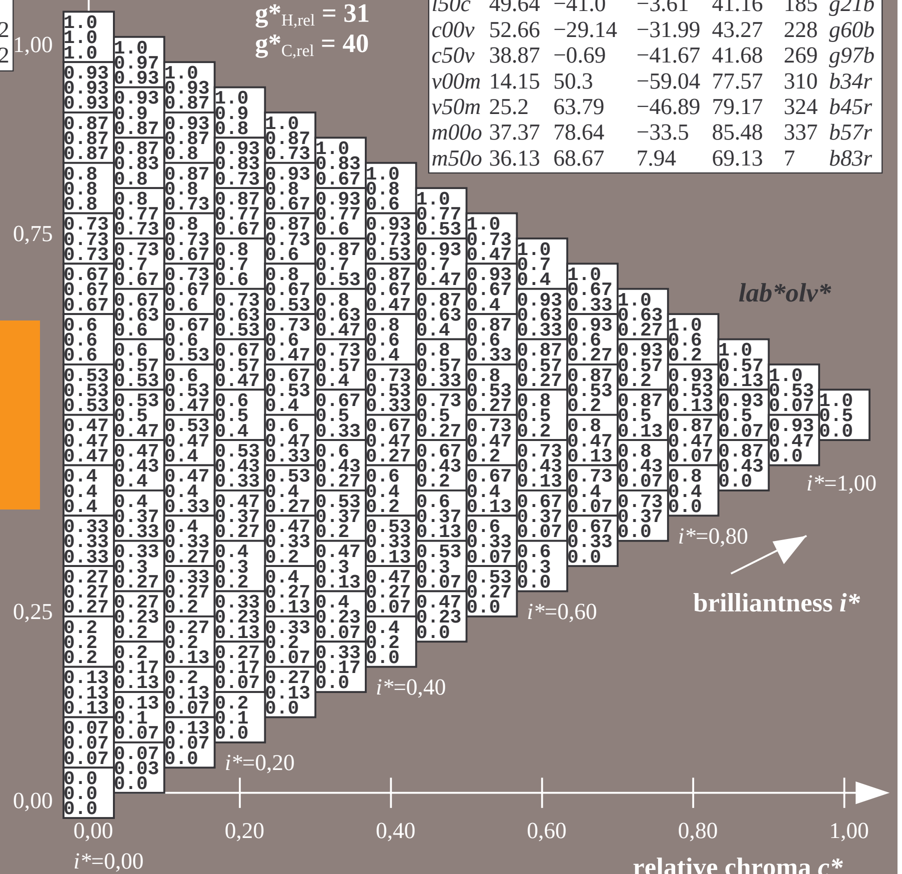
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 55 34 70
*LAB*LCH**$_{Ma}$: 55 78 64
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

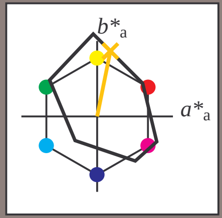
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

u^*_d = o75y
*lab*olv**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o75y u^*_e = r79j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

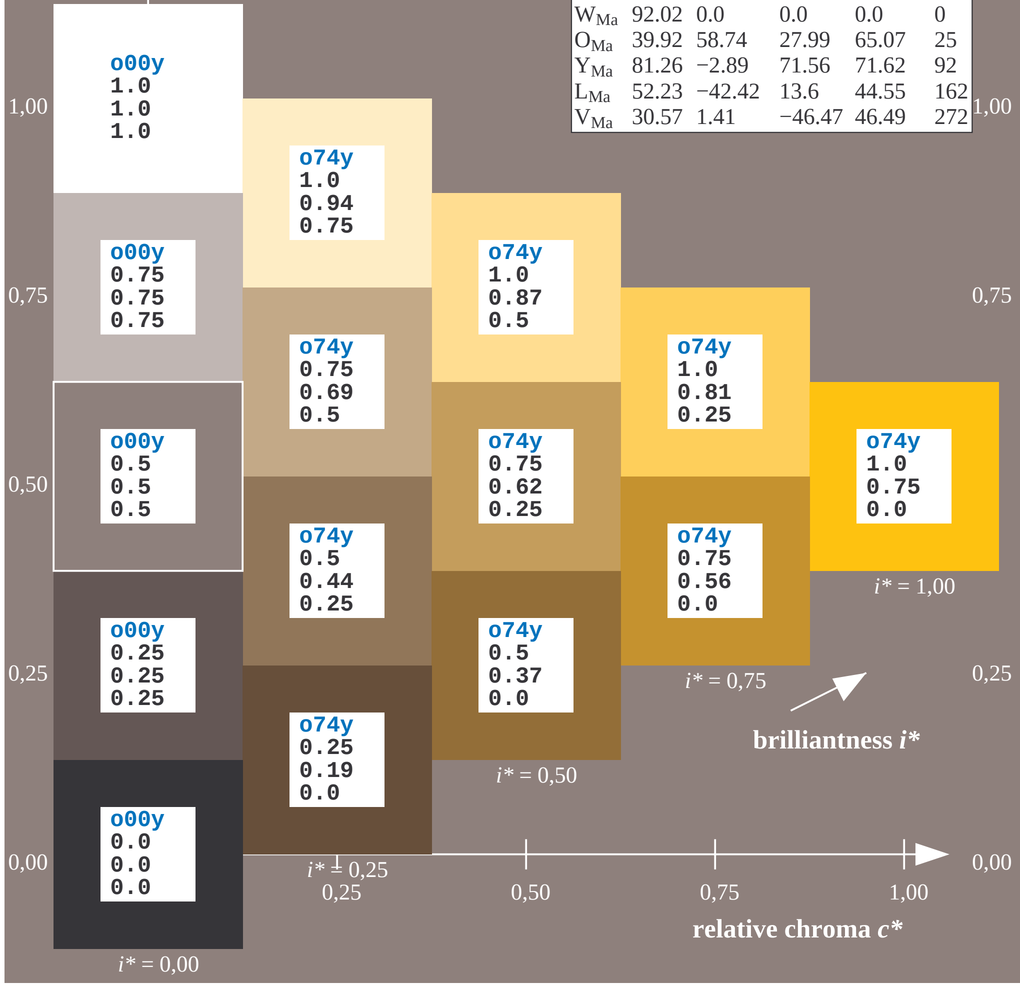


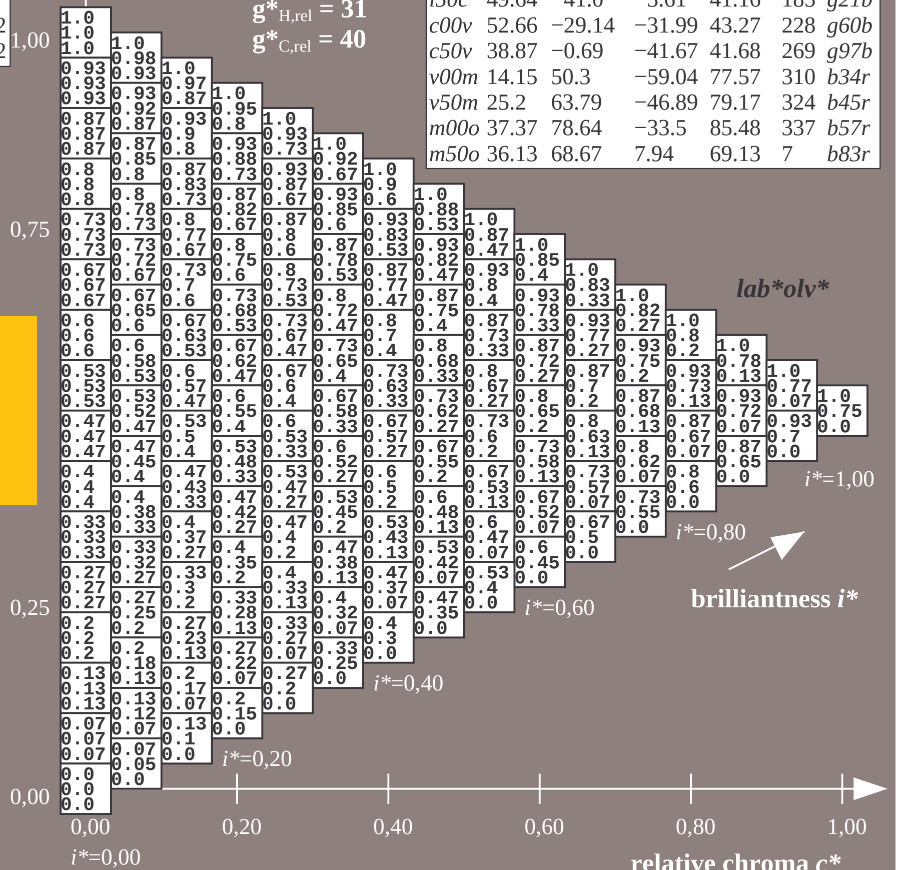
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 67 17 87**
***$LAB^*LCH^*_{Ma}$*: 67 88 78**
***$lab^*olv^*_{Ma}$*: 1.0 0.75 0.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.79 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

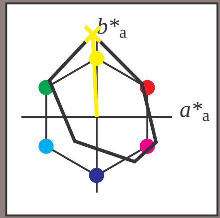
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$
*lab*olv**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

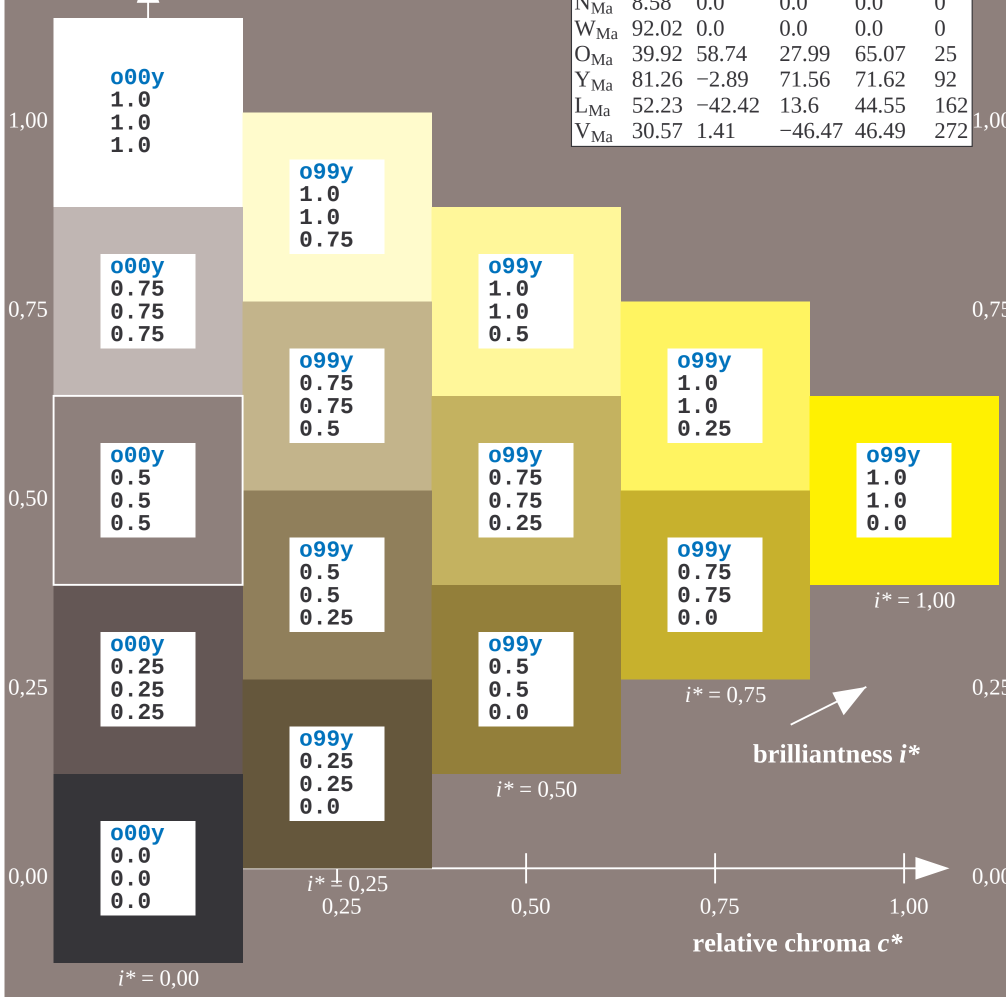


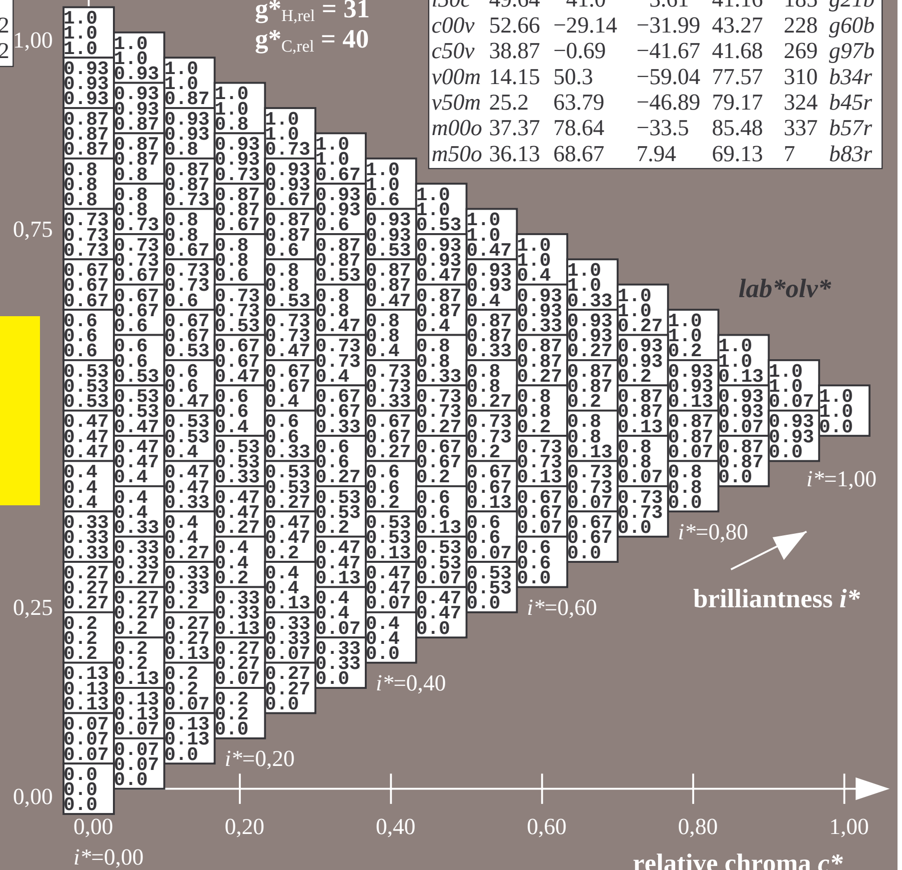
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 84 −5 109
*LAB*LCH**$_{Ma}$: 84 109 92
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.99 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





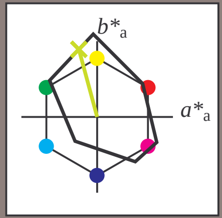
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$
*lab*olv**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

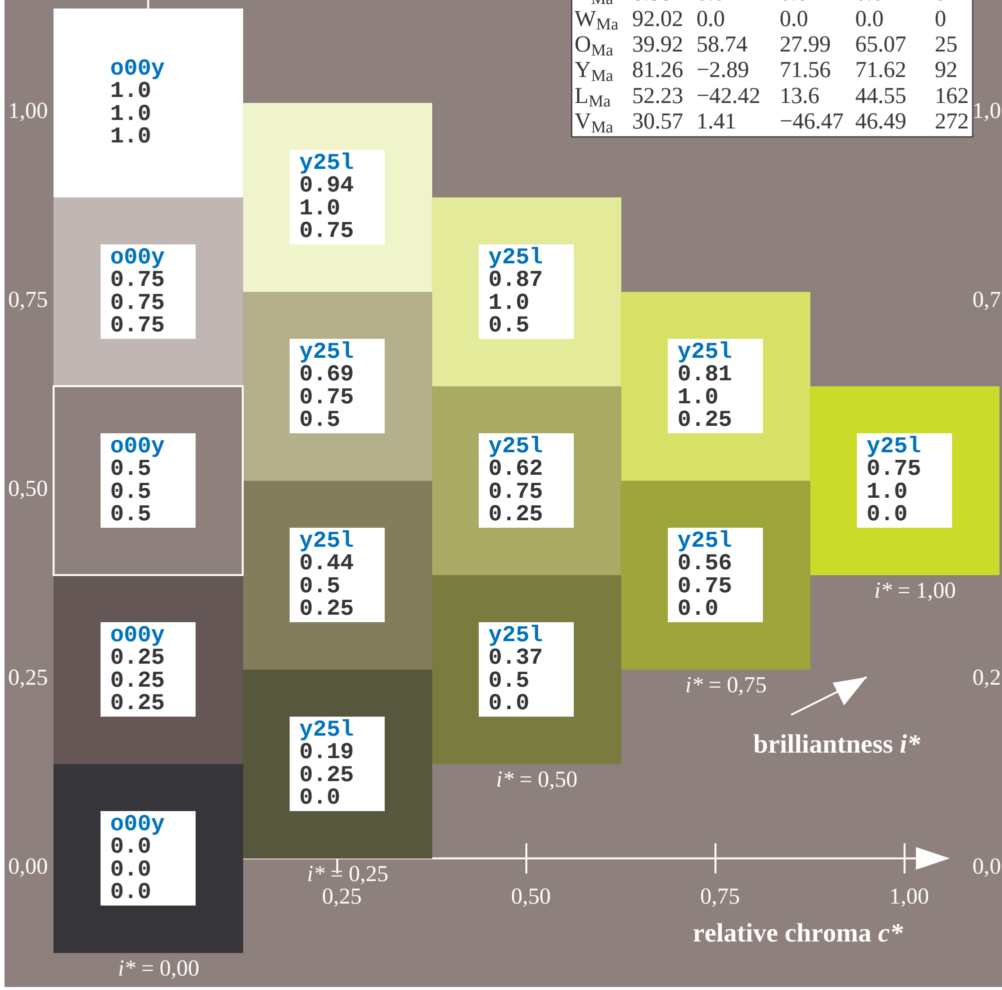


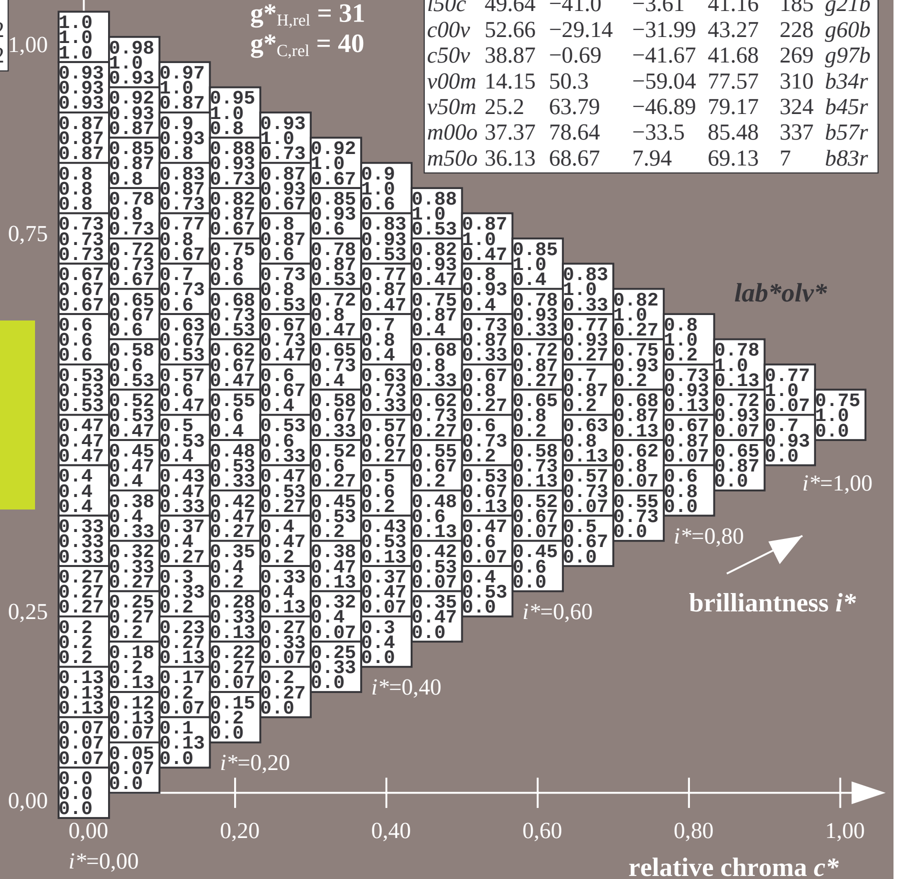
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 71 −24 89
$LAB^*LCH^*_{Ma}$: 71 92 105
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

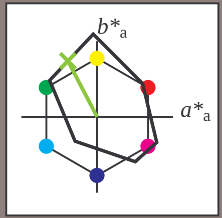
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

$u^*_d = y50l$
*lab*olv**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

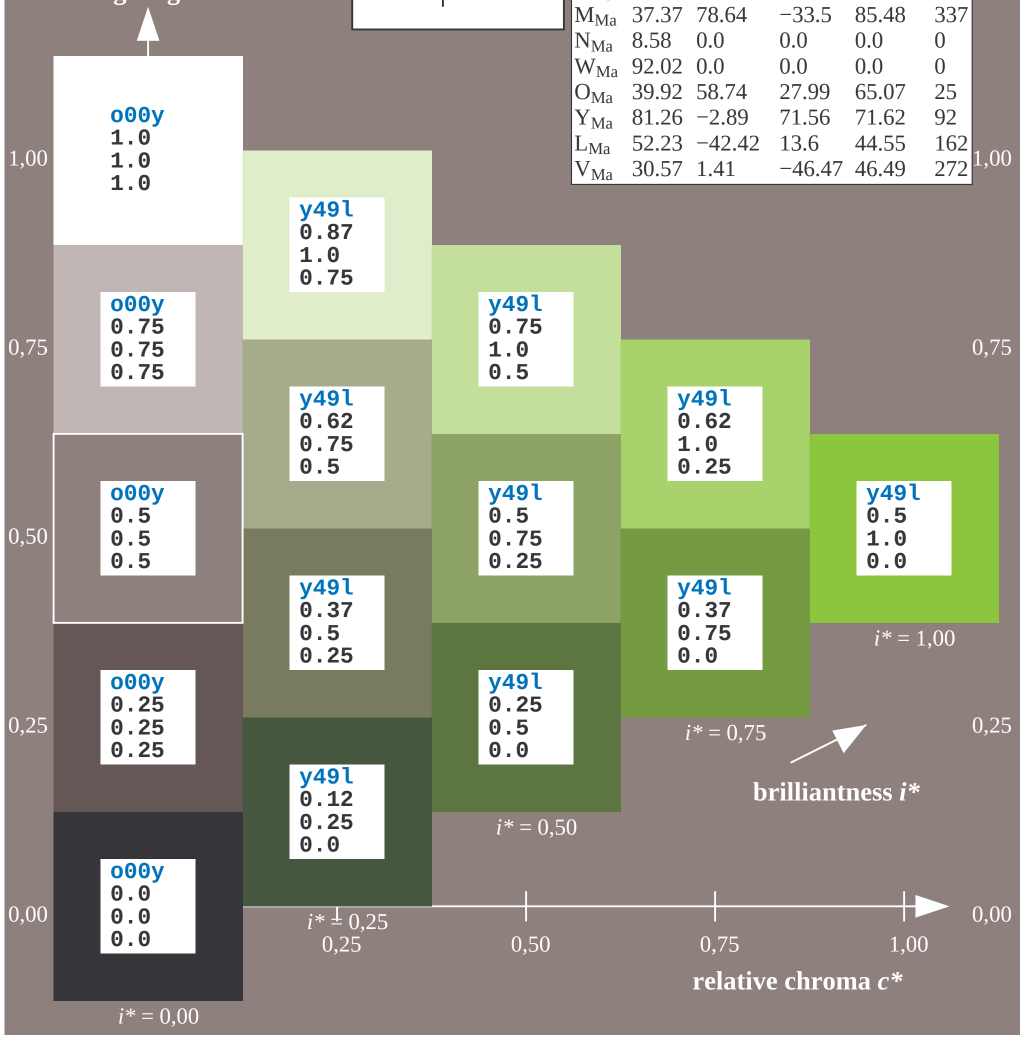


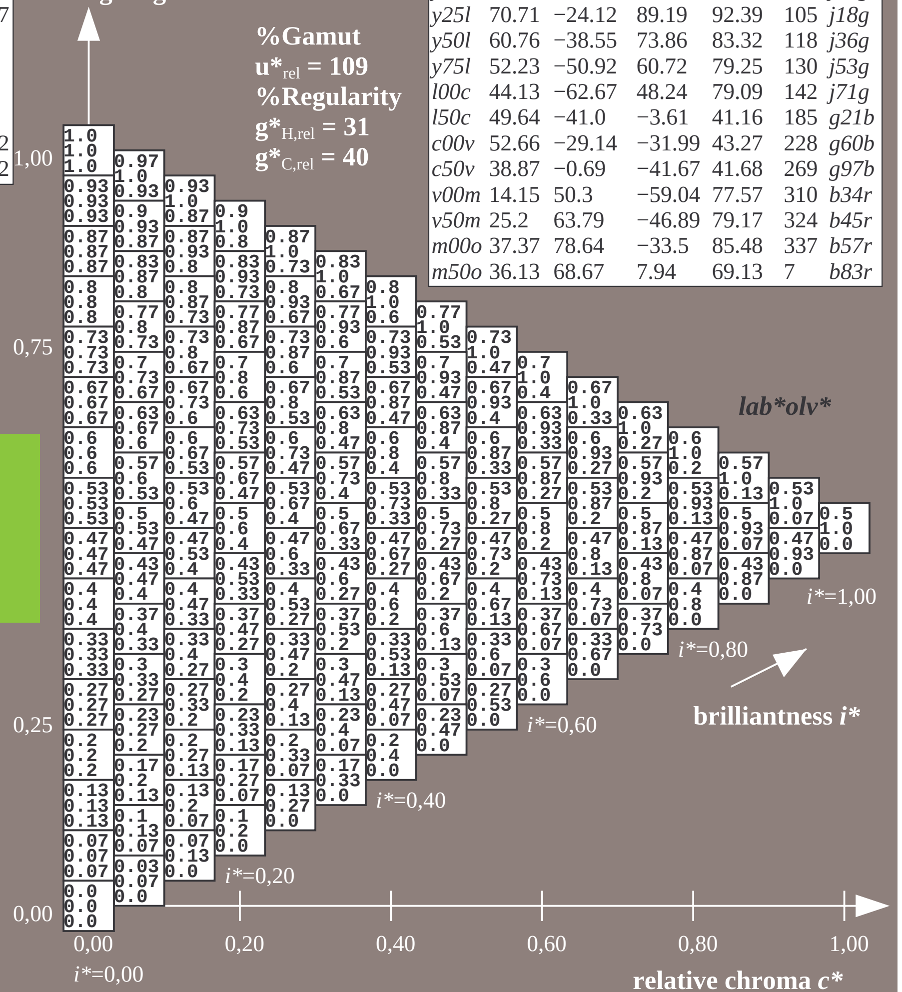
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 61 −39 74**
***$LAB^*LCH^*_{Ma}$*: 61 83 117**
***$lab^*olv^*_{Ma}$*: 0.5 1.0 0.0**
***$lab^*rgb^*_{Ma}$*: 0.64 1.0 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





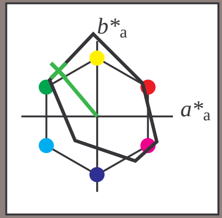
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:
lab*tch** and *lab*icu*

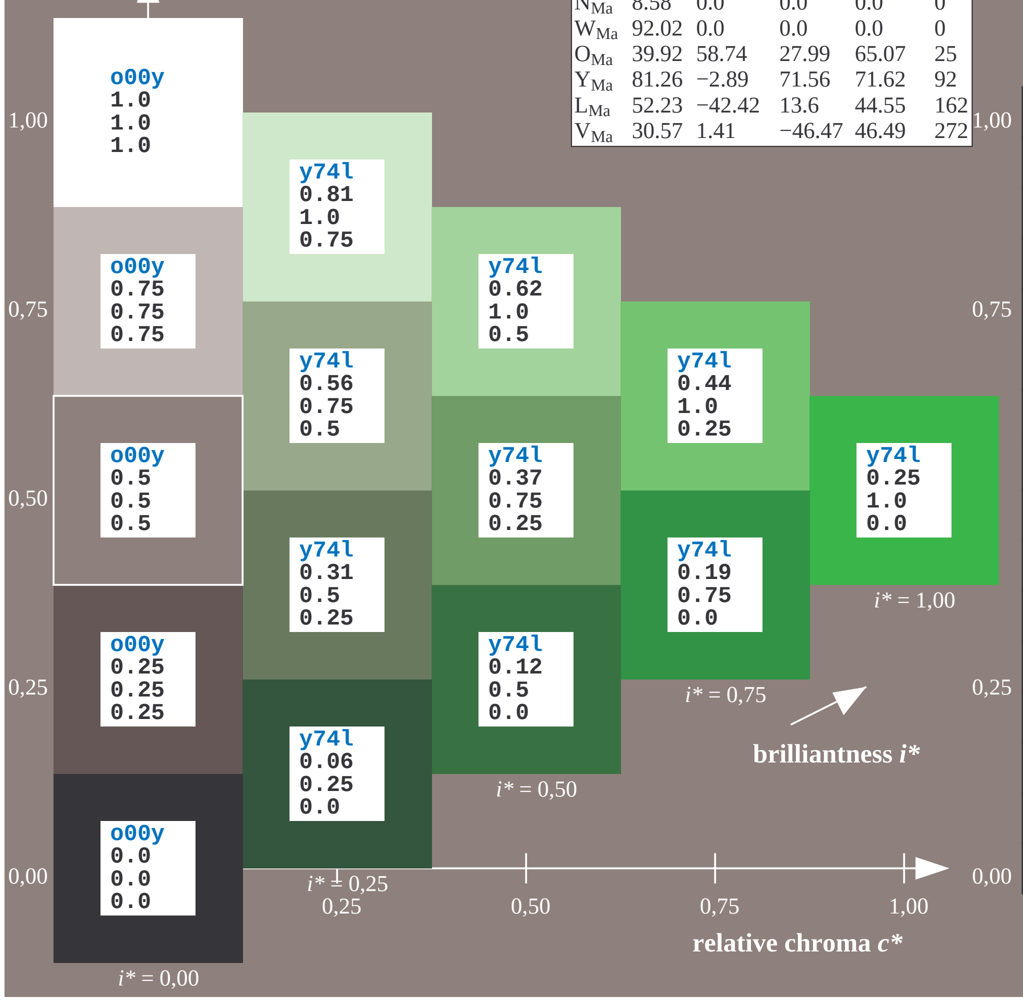
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:
$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):

LAB*LAB*$_{Ma}$: 52 −51 61

LAB*LCH*$_{Ma}$: 52 79 129

lab*olv*$_{Ma}$: 0.25 1.0 0.0

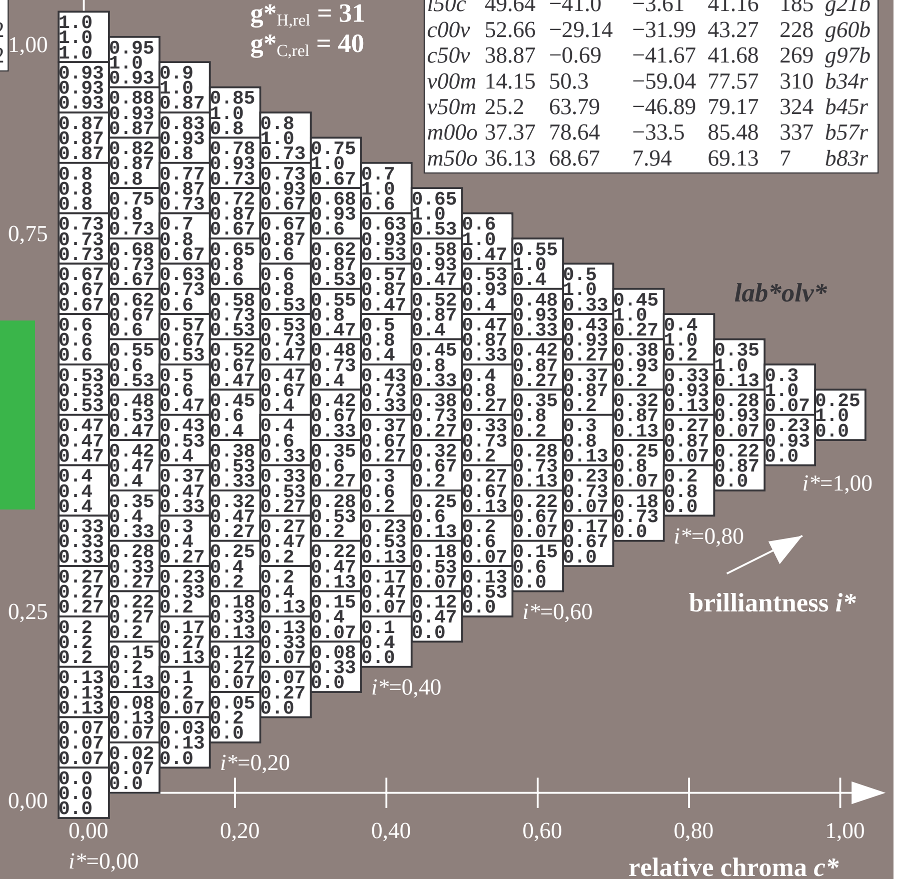
lab*rgb*$_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

$u^*_d = y75l$
lab*olv*

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



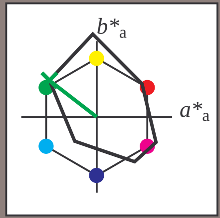
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

u^*_d = l00c
*lab*olv**

data for any colour:
lab*tch* and lab*icu
Hue texts:
u^*_d = l00c u^*_e = j71g
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

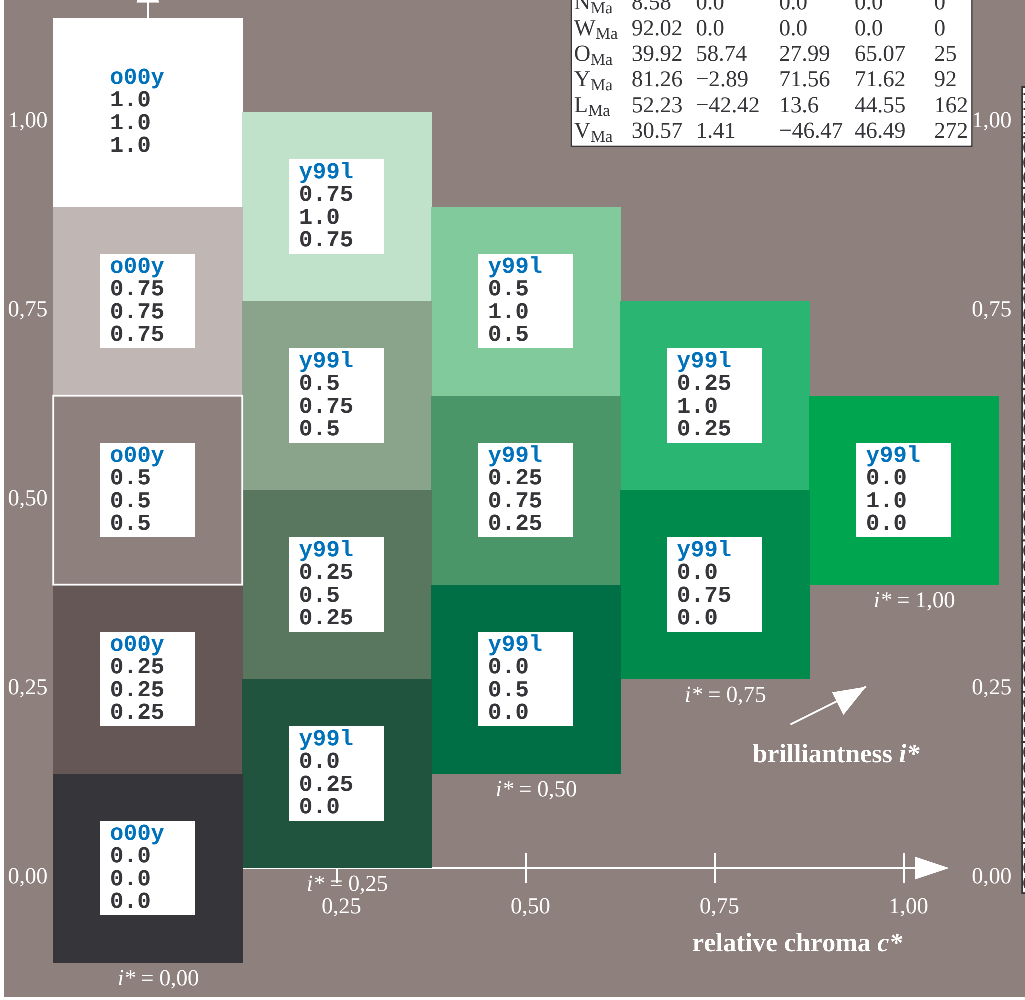


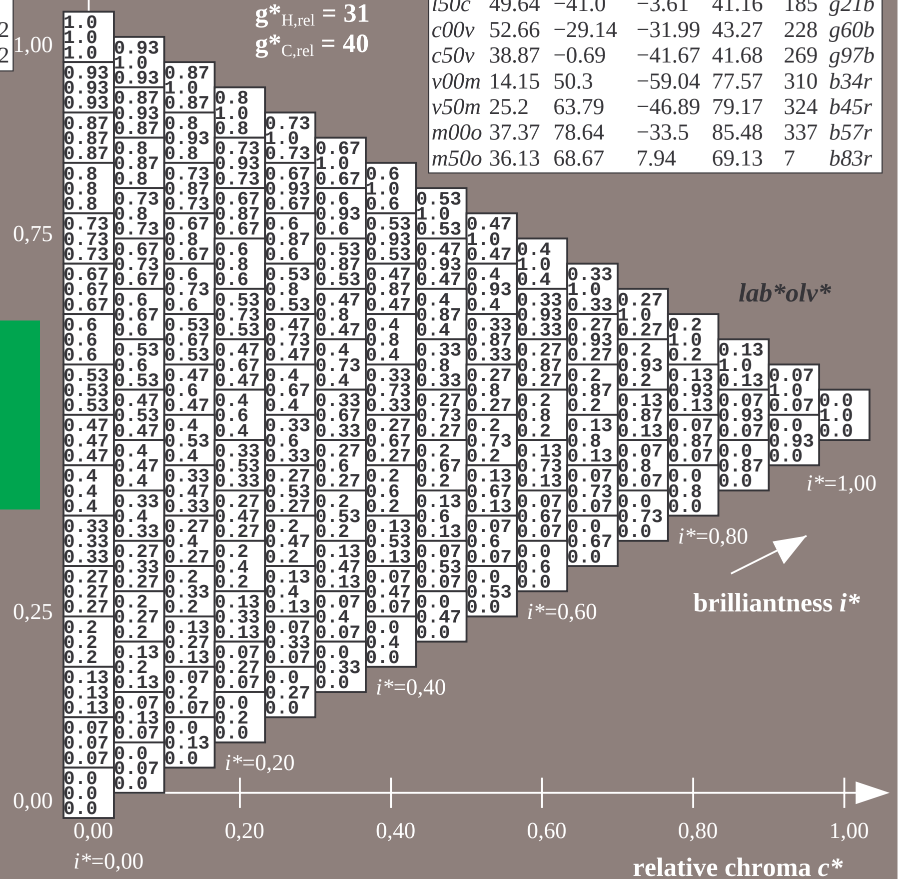
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 44 −63 48**
***LAB*LCH*$_{Ma}$*: 44 79 142**
***lab*olv*$_{Ma}$*: 0.0 1.0 0.0**
***lab*rgb*$_{Ma}$*: 0.28 1.0 0.0**
triangle lightness t*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

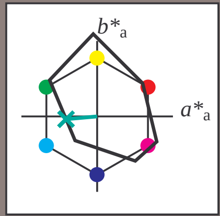
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

u*d = l50c
lab*olv*

data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*d = l50c u*e = g21b
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

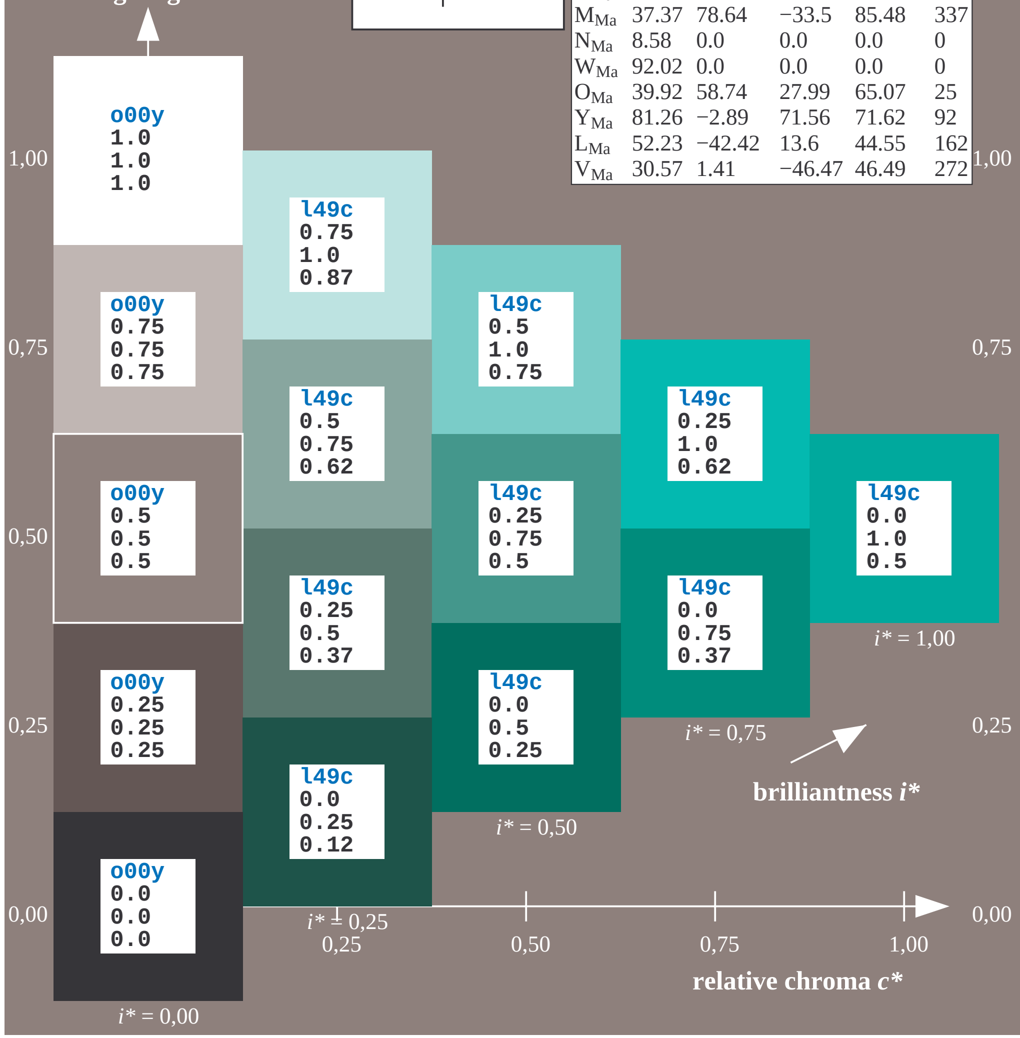


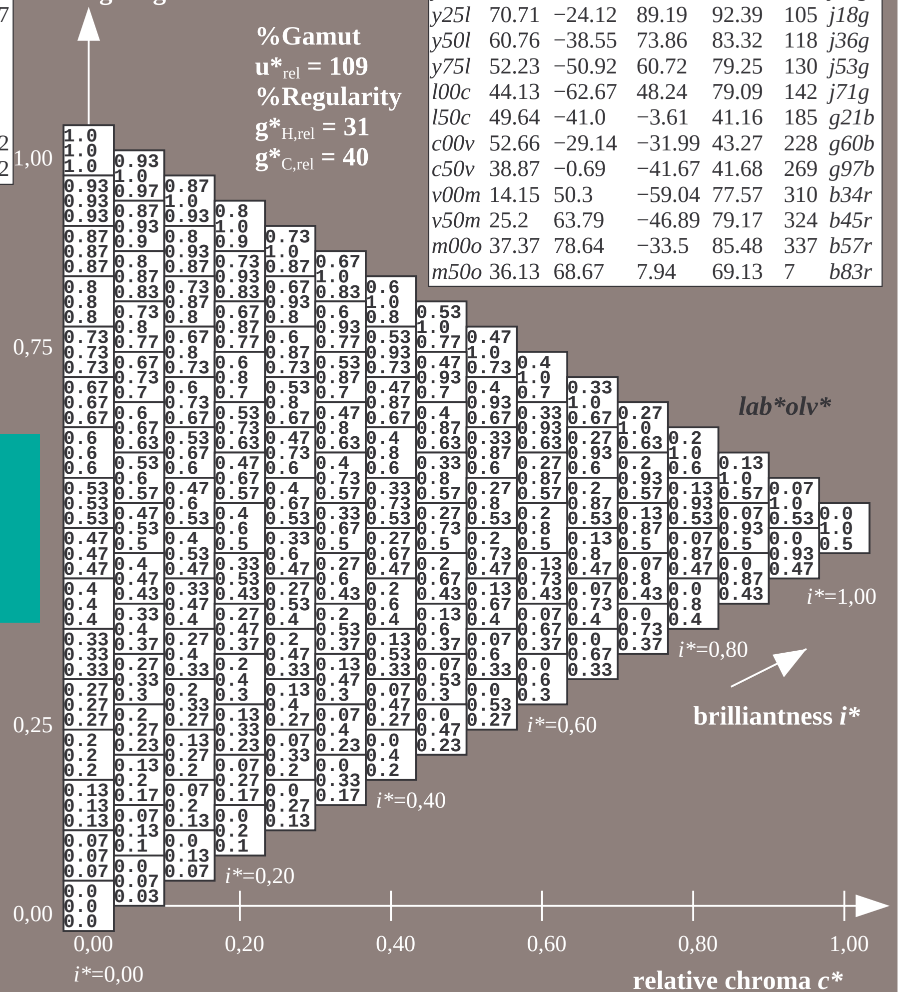
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*Ma: 50 −41 −4
LAB*LCH*Ma: 50 41 185
lab*olv*Ma: 0.0 1.0 0.5
lab*rgb*Ma: 0.0 1.0 0.42
triangle lightness t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





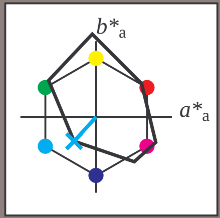
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$
*lab*olv**

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

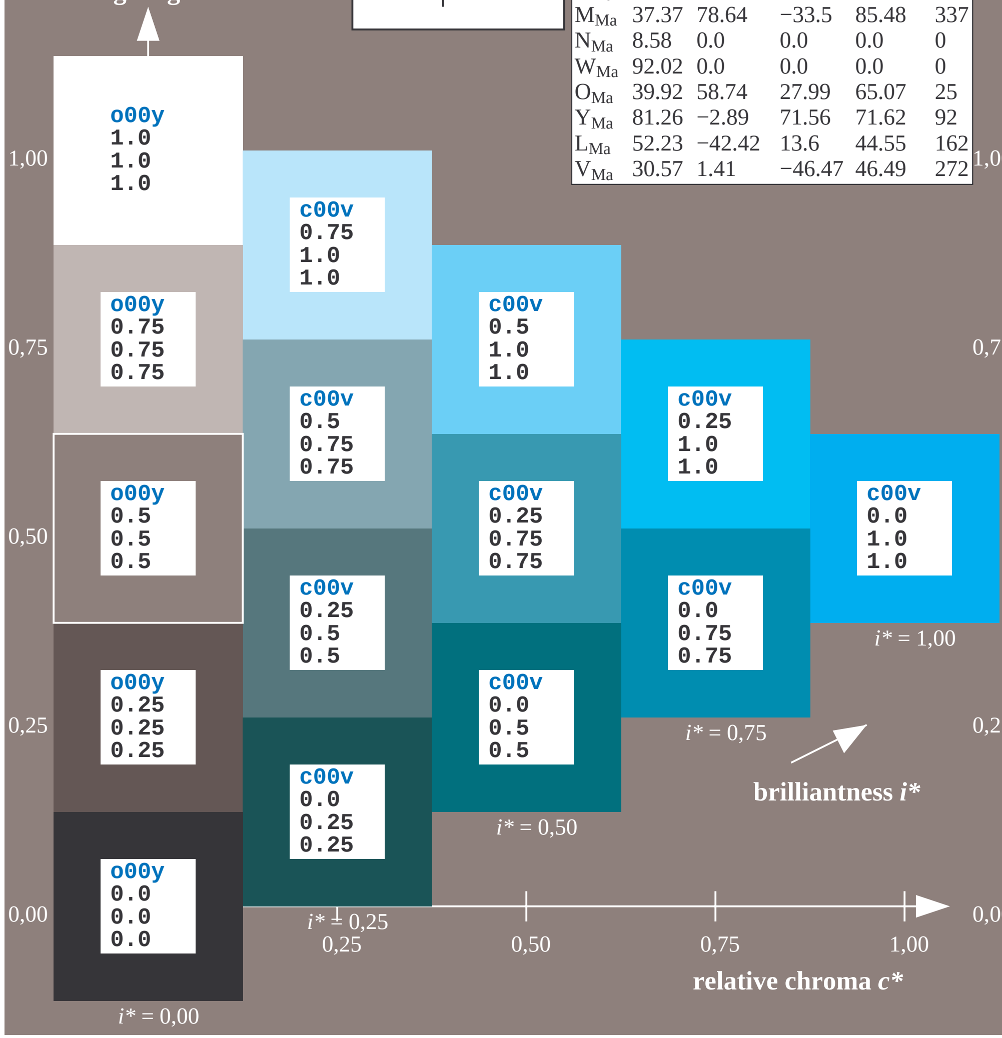


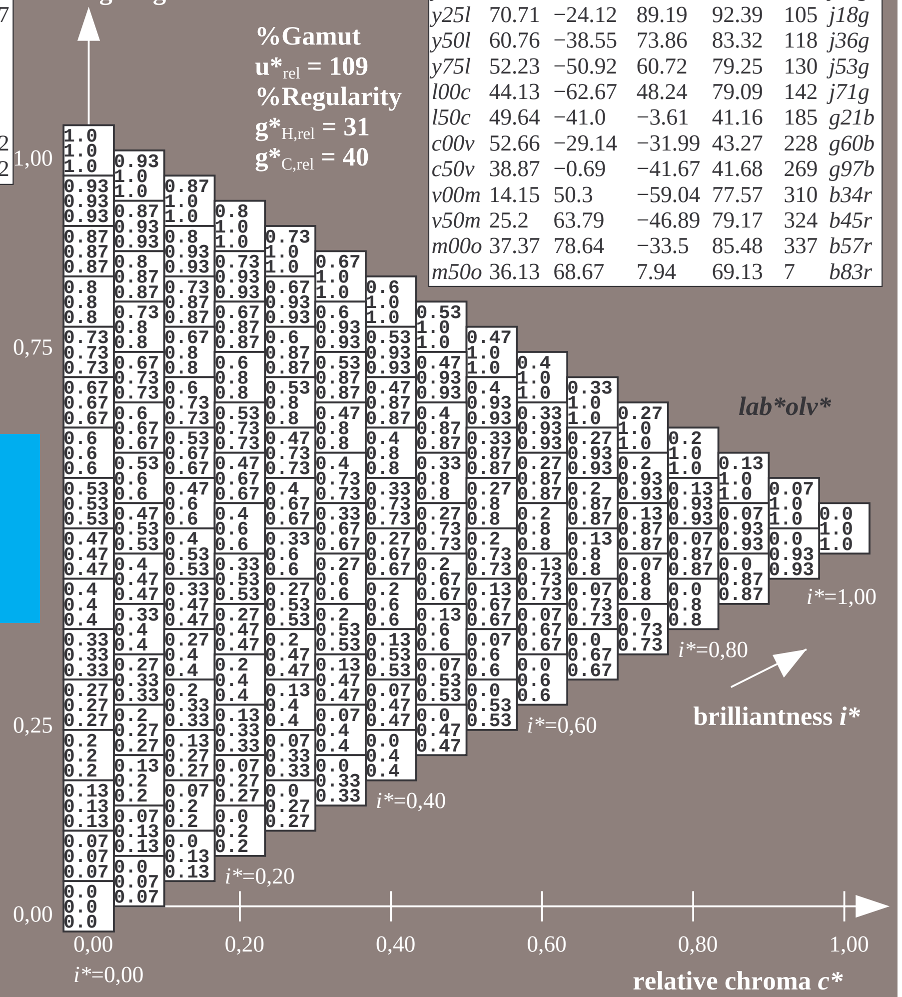
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −29 −32
$LAB^*LCH^*_{Ma}$: 53 43 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

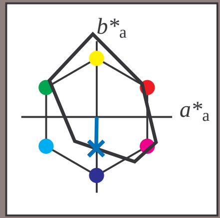
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

$u^*_d = c50v$
lab^*olv^*

data for any colour:
lab*tch** and lab*icu*
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

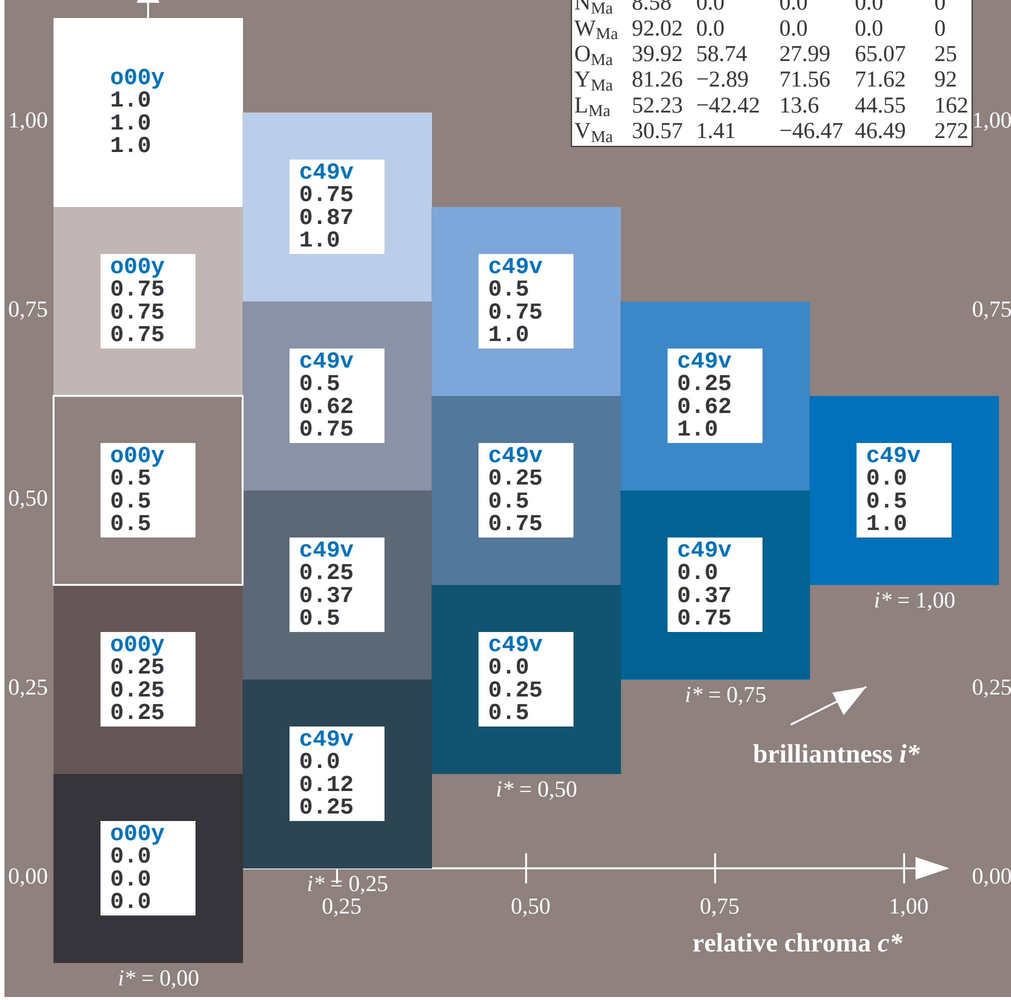


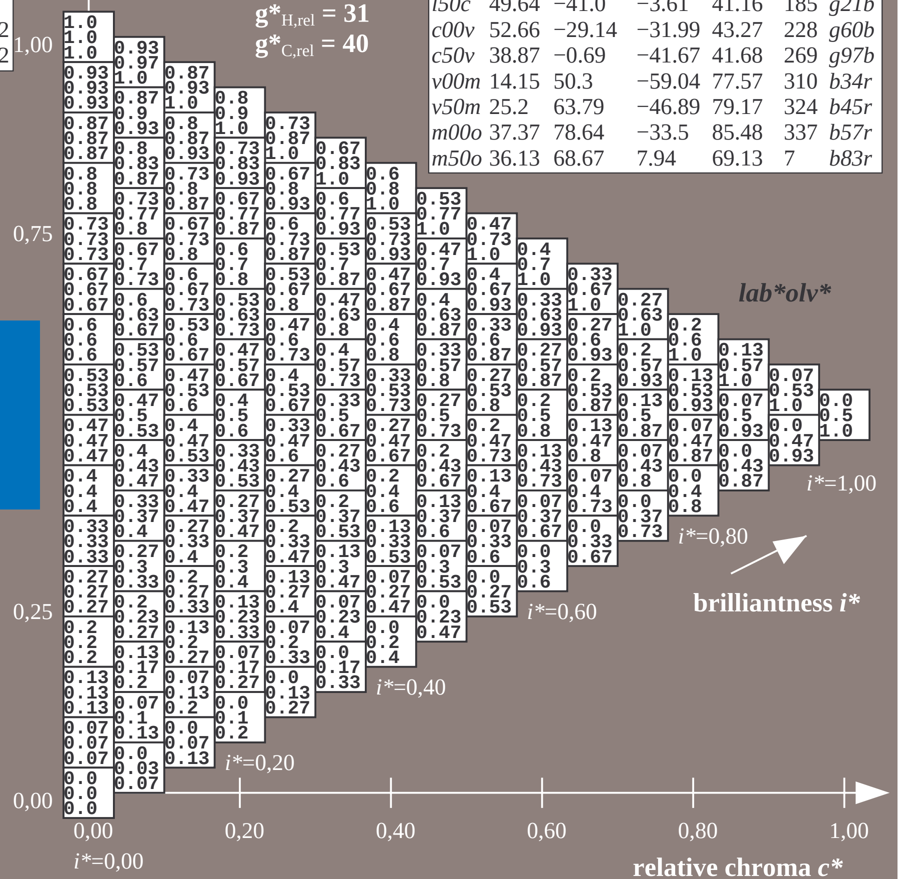
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 39 −1 −42**
***$LAB^*LCH^*_{Ma}$*: 39 42 269**
***$lab^*olv^*_{Ma}$*: 0.0 0.5 1.0**
***$lab^*rgb^*_{Ma}$*: 0.0 0.05 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

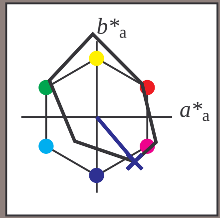
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

$u^*_d = v00m$
*lab*olv**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

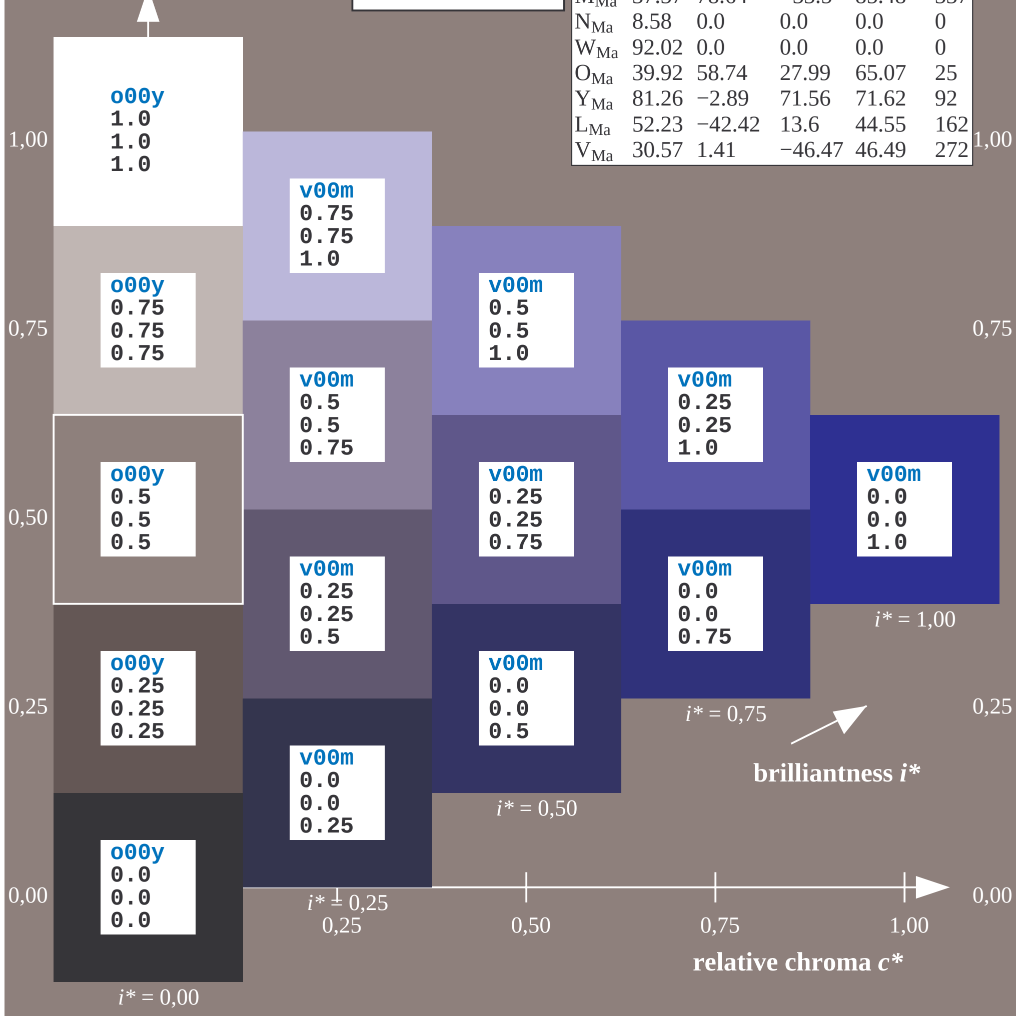


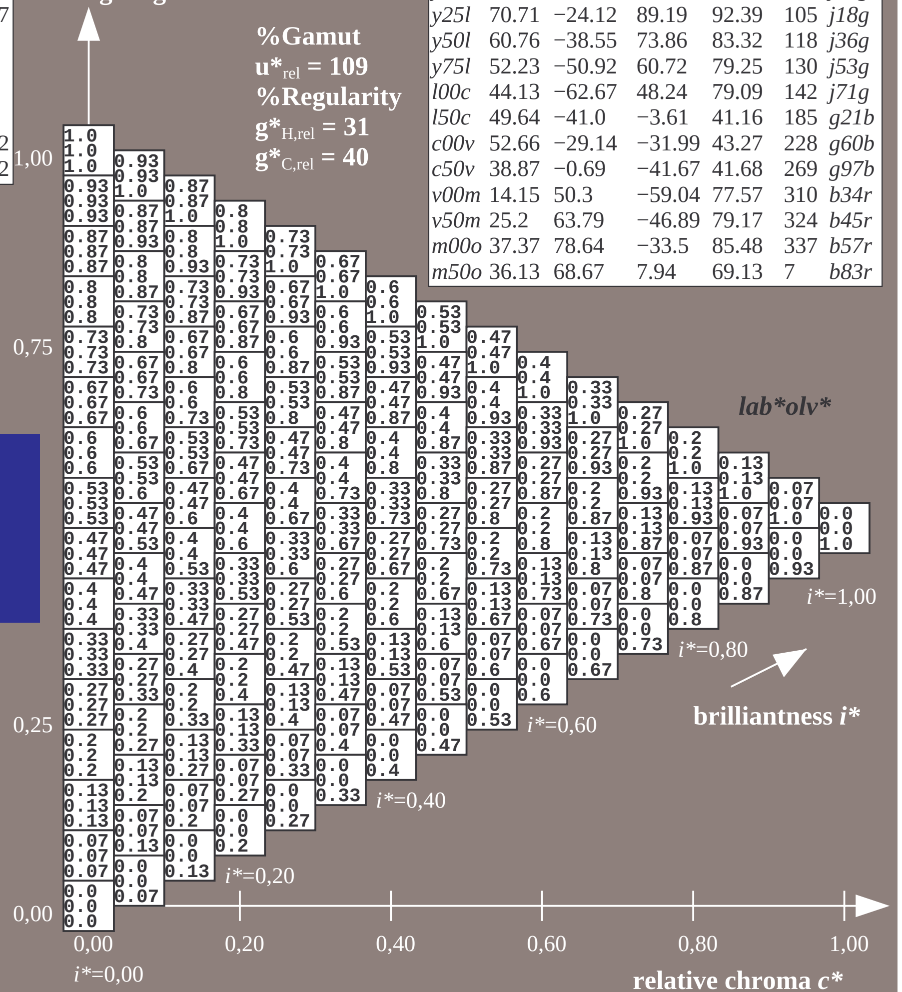
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 14 50 −59**
***LAB*LCH**$_{Ma}$: 14 78 310**
***lab*olv**$_{Ma}$: 0.0 0.0 1.0**
***lab*rgb**$_{Ma}$: 0.68 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

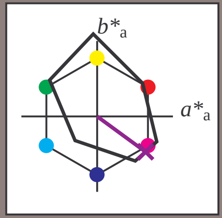
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

$u^*_d = v50m$
*lab*olv**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

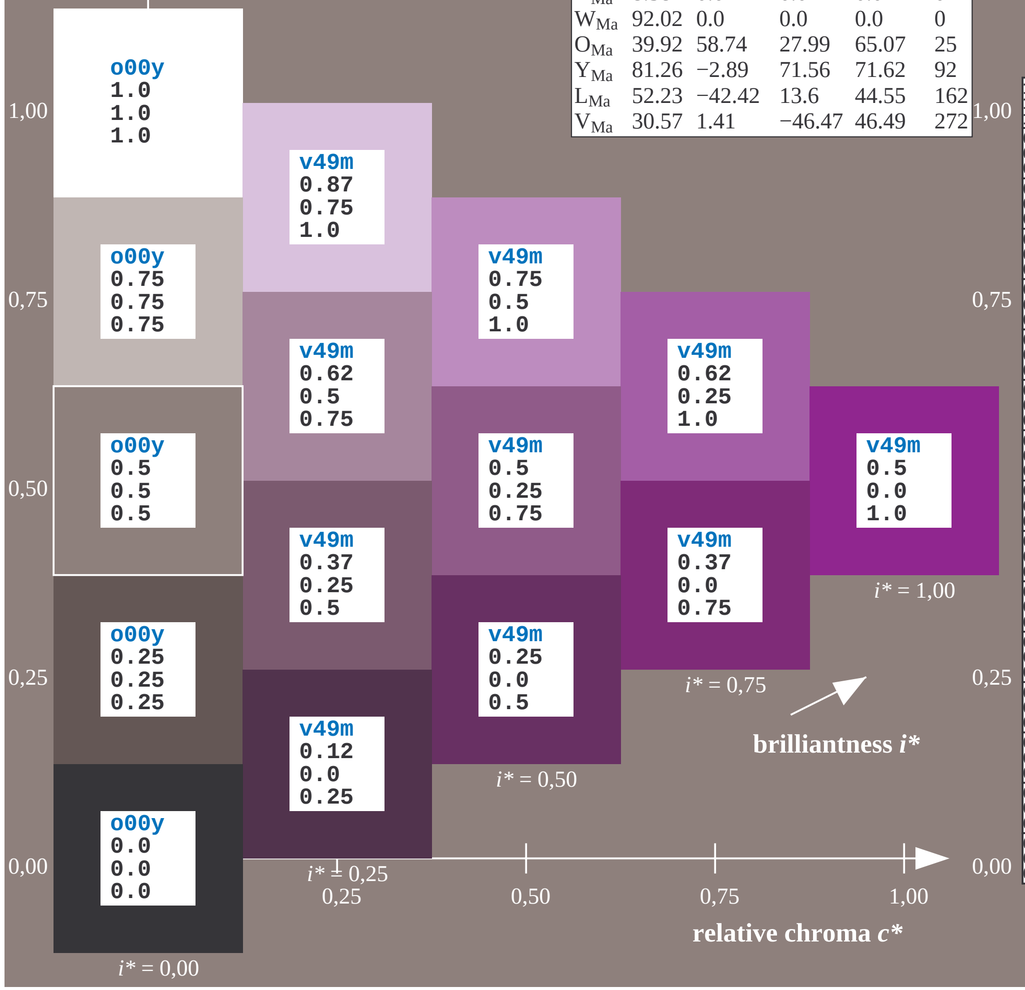


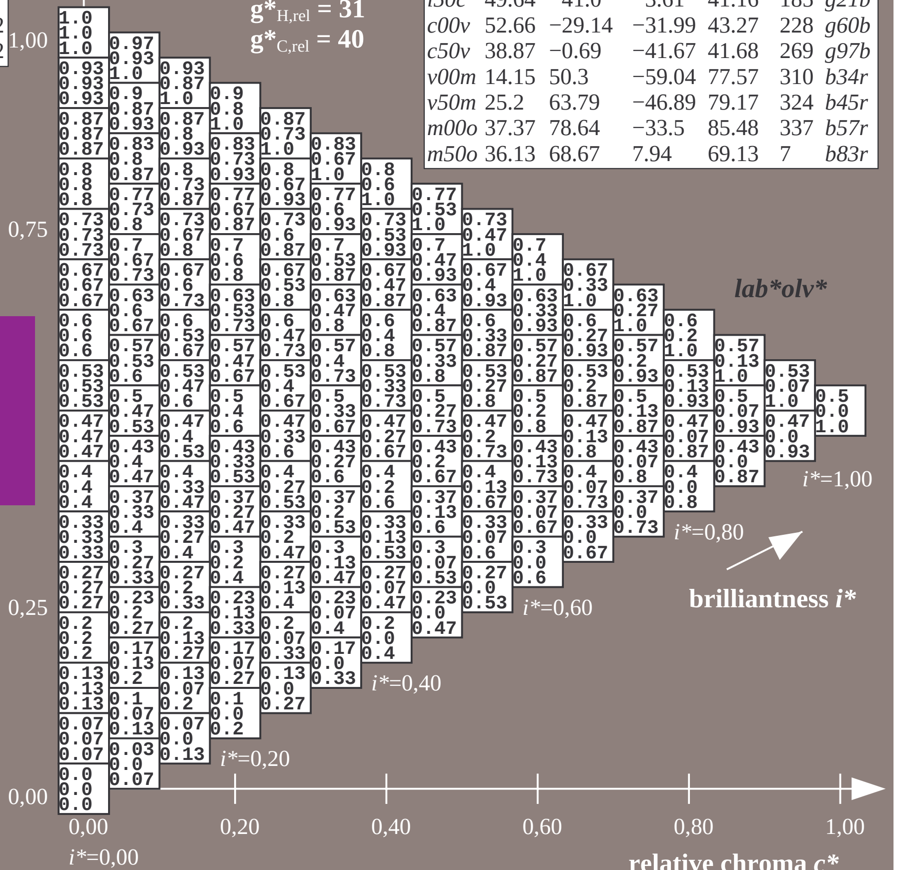
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 25 64 −47**
***$LAB^*LCH^*_{Ma}$*: 25 79 323**
***$lab^*olv^*_{Ma}$*: 0.5 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 0.91 0.0 1.0**
triangle lightness *t**

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

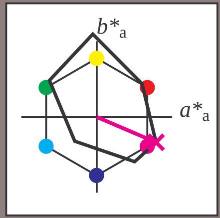
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$
*lab*olv**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

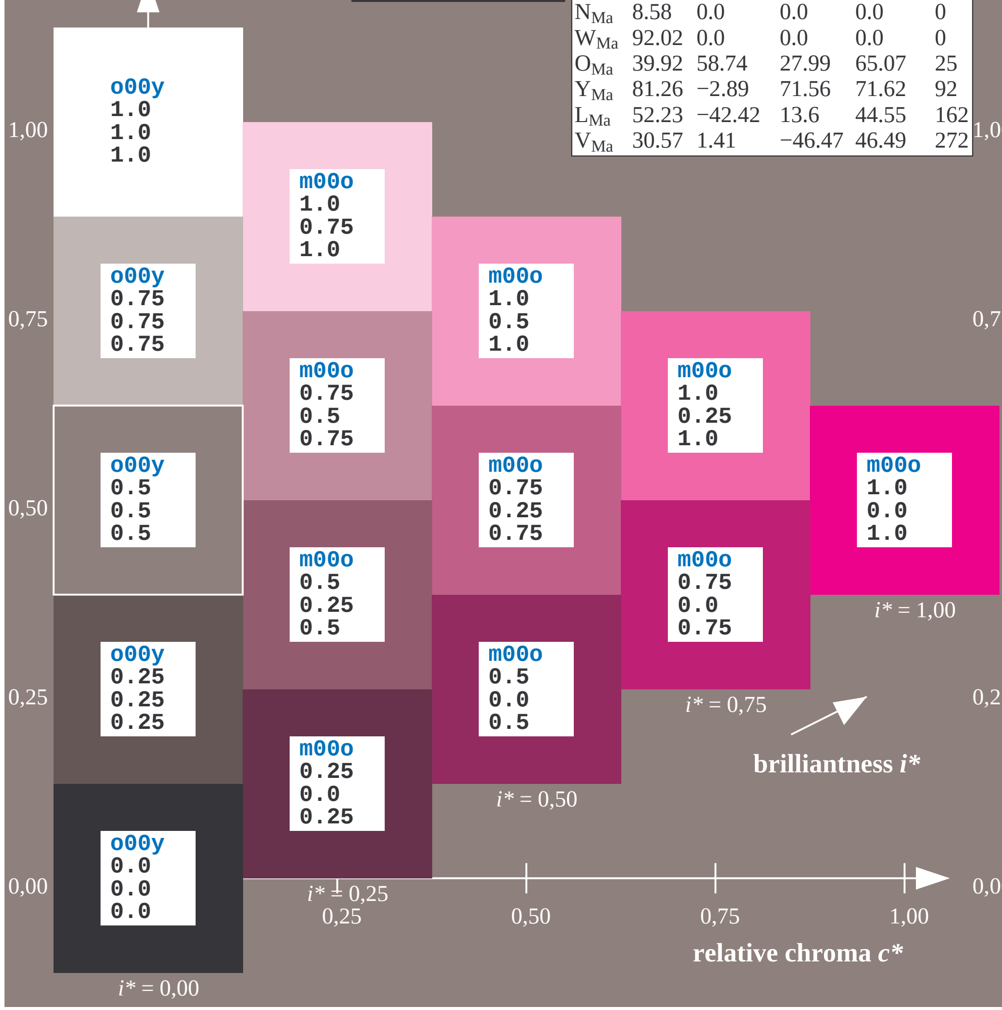


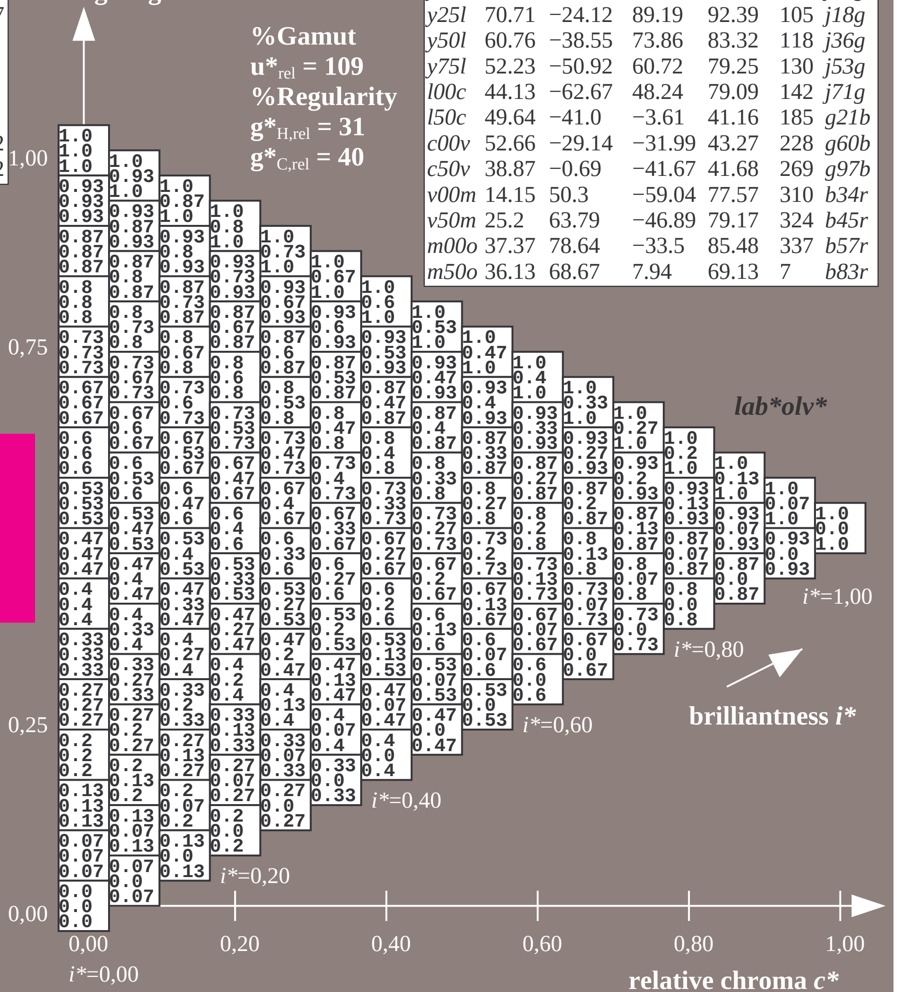
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 37 79 −34**
***$LAB^*LCH^*_{Ma}$*: 37 85 336**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.85**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





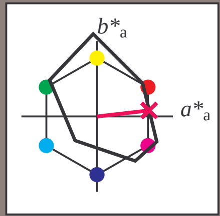
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue h^* = lab^*h^* = $h_{ab}/360$ = 0.018

u^*_d = *m50o*
*lab*olv**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b83r*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

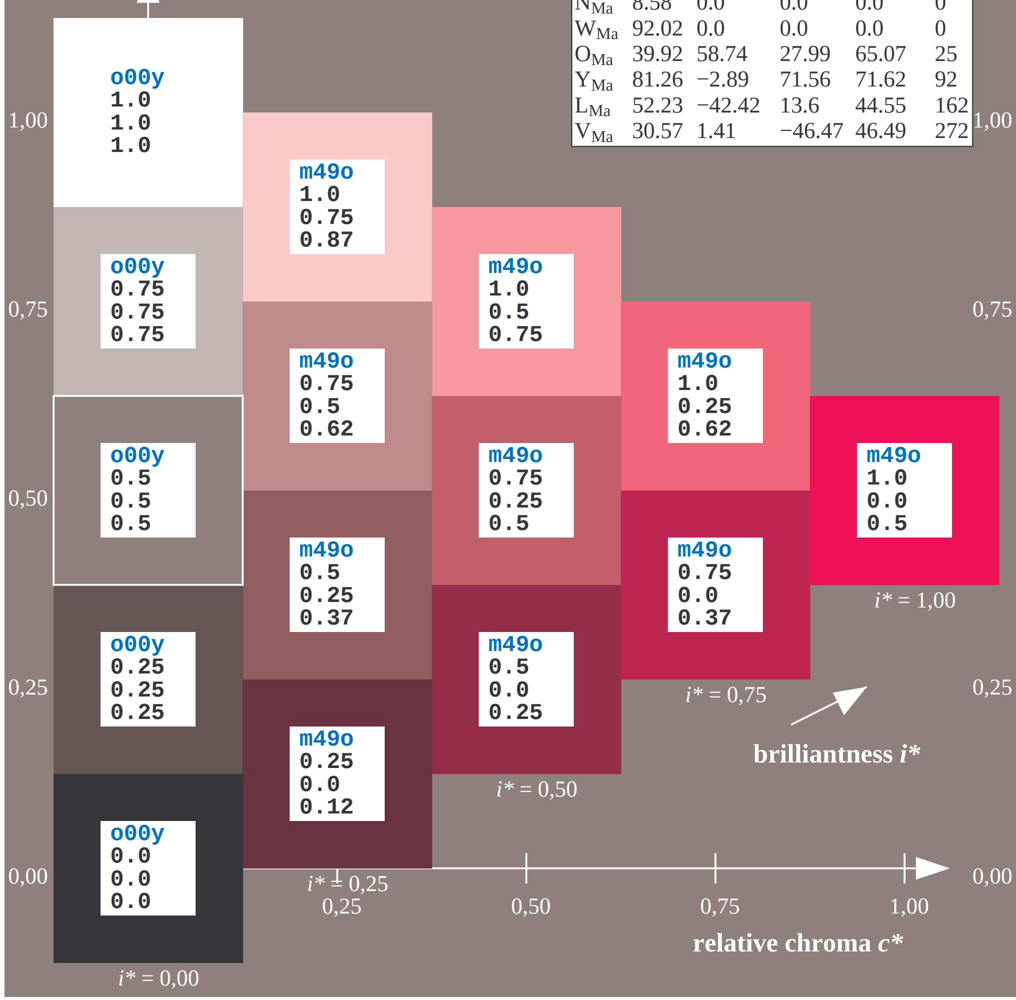


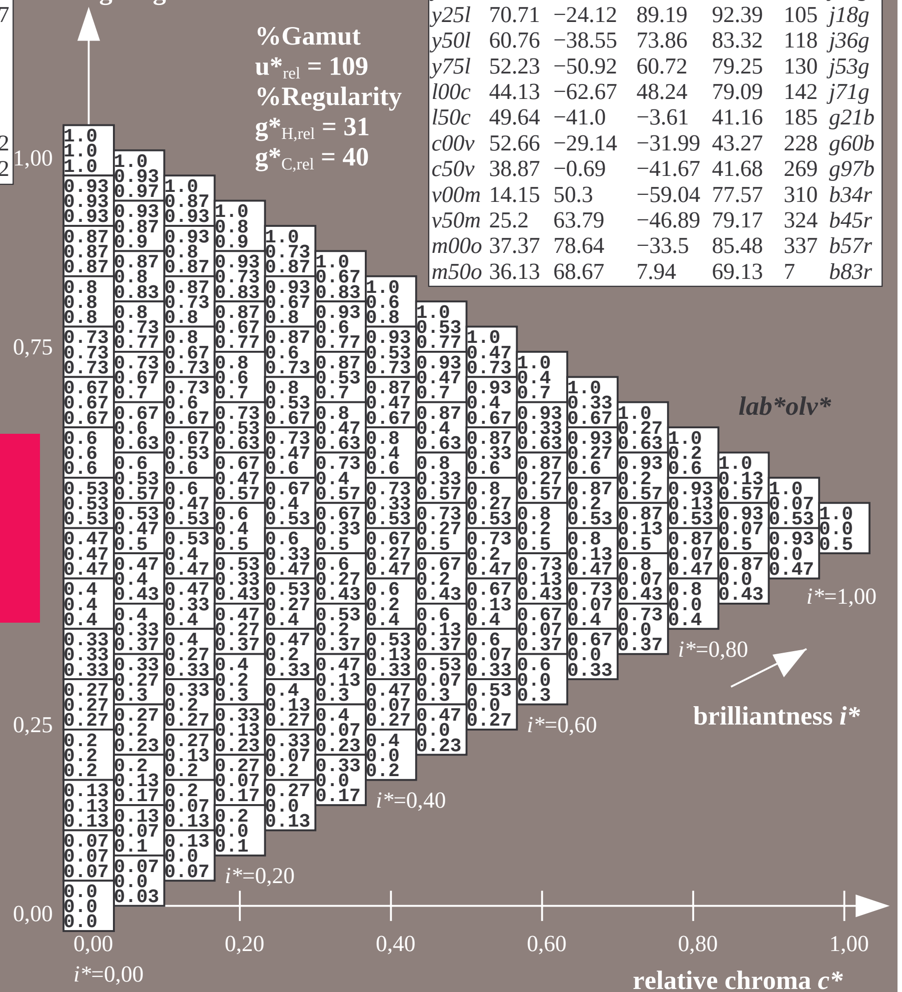
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 36 69 8
*LAB*LCH**$_{Ma}$: 36 69 6
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.33
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

www.ps.bam.de/Ee40/10L/L40E00NP.PS/ .PDF; FRS09_92a; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	*lab*olv**		
01	0.0 0.0 0.0	0.0 0.13 0.0	0.0 0.25 0.0	0.0 0.38 0.0	0.0 0.5 0.0	0.0 0.63 0.0	0.0 0.75 0.0	0.0 0.88 0.0	0.0 1.0 0.0	0.13 0.0 0.0	0.12 0.13 0.0	0.12 0.25 0.0	0.12 0.38 0.0	0.12 0.5 0.0	0.12 0.63 0.0	0.12 0.75 0.0	0.12 0.88 0.0	0.12 1.0 0.0	0.25 0.0 0.0	0.25 0.12 0.0	0.25 0.25 0.0	0.25 0.38 0.0	0.25 0.5 0.0	0.25 0.63 0.0	0.25 0.75 0.0	0.25 0.88 0.0	0.25 1.0 0.0	1.0 1.0 1.0	1.0 0.88 0.88	1.0 0.75 0.75	1.0 0.63 0.63	1.0 0.5 0.5	1.0 0.38 0.38	1.0 0.25 0.25	1.0 0.13 0.13	1.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	0.0 0.0 0.13	0.0 0.12 0.13	0.0 0.25 0.12	0.0 0.38 0.12	0.0 0.5 0.12	0.0 0.63 0.12	0.0 0.75 0.12	0.0 0.88 0.12	0.0 1.0 0.12	0.12 0.0 0.13	0.13 0.13 0.13	0.13 0.25 0.13	0.13 0.38 0.13	0.13 0.5 0.13	0.13 0.63 0.13	0.13 0.75 0.13	0.13 0.88 0.13	0.13 1.0 0.13	0.25 0.0 0.12	0.25 0.13 0.13	0.25 0.25 0.13	0.25 0.38 0.13	0.25 0.5 0.13	0.25 0.63 0.13	0.25 0.75 0.13	0.25 0.88 0.13	0.25 1.0 0.13	0.88 1.0 1.0	0.88 0.88 0.88	0.88 0.75 0.75	0.88 0.63 0.63	0.88 0.5 0.5	0.88 0.38 0.38	0.88 0.25 0.25	0.88 0.13 0.13	0.88 0.0 0.0	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
03	0.0 0.0 0.25	0.0 0.12 0.25	0.0 0.25 0.25	0.0 0.38 0.25	0.0 0.5 0.25	0.0 0.63 0.25	0.0 0.75 0.25	0.0 0.88 0.25	0.0 1.0 0.25	0.12 0.0 0.25	0.13 0.13 0.25	0.13 0.25 0.25	0.13 0.38 0.25	0.13 0.5 0.25	0.13 0.63 0.25	0.13 0.75 0.25	0.13 0.88 0.25	0.13 1.0 0.25	0.25 0.0 0.25	0.25 0.13 0.25	0.25 0.25 0.25	0.25 0.38 0.25	0.25 0.5 0.25	0.25 0.63 0.25	0.25 0.75 0.25	0.25 0.88 0.25	0.25 1.0 0.25	0.75 1.0 1.0	0.75 0.87 0.88	0.75 0.75 0.75	0.75 0.63 0.63	0.75 0.5 0.5	0.75 0.38 0.38	0.75 0.25 0.25	0.75 0.13 0.13	0.75 0.0 0.0	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25
04	0.0 0.0 0.38	0.0 0.12 0.38	0.0 0.25 0.38	0.0 0.37 0.38	0.0 0.5 0.37	0.0 0.63 0.37	0.0 0.75 0.37	0.0 0.88 0.37	0.0 1.0 0.37	0.12 0.0 0.38	0.13 0.13 0.38	0.13 0.25 0.38	0.13 0.37 0.38	0.13 0.5 0.37	0.13 0.63 0.37	0.13 0.75 0.37	0.13 0.88 0.37	0.13 1.0 0.37	0.25 0.0 0.38	0.25 0.13 0.38	0.25 0.25 0.38	0.25 0.37 0.38	0.25 0.5 0.37	0.25 0.63 0.37	0.25 0.75 0.37	0.25 0.88 0.37	0.25 1.0 0.37	0.63 1.0 1.0	0.63 0.87 0.88	0.63 0.75 0.75	0.63 0.63 0.63	0.63 0.5 0.5	0.63 0.38 0.38	0.63 0.25 0.25	0.63 0.13 0.13	0.63 0.0 0.0	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38
05	0.0 0.0 0.5	0.0 0.12 0.5	0.0 0.25 0.5	0.0 0.37 0.5	0.0 0.5 0.5	0.0 0.63 0.5	0.0 0.75 0.5	0.0 0.88 0.5	0.0 1.0 0.5	0.12 0.0 0.5	0.13 0.13 0.5	0.13 0.25 0.5	0.13 0.37 0.5	0.13 0.5 0.5	0.13 0.63 0.5	0.13 0.75 0.5	0.13 0.88 0.5	0.13 1.0 0.5	0.25 0.0 0.5	0.25 0.13 0.5	0.25 0.25 0.5	0.25 0.37 0.5	0.25 0.5 0.5	0.25 0.63 0.5	0.25 0.75 0.5	0.25 0.88 0.5	0.25 1.0 0.5	0.5 1.0 1.0	0.5 0.87 0.88	0.5 0.75 0.75	0.5 0.62 0.63	0.5 0.5 0.5	0.5 0.38 0.38	0.5 0.25 0.25	0.5 0.13 0.13	0.5 0.0 0.0	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5
06	0.0 0.0 0.63	0.0 0.12 0.63	0.0 0.25 0.63	0.0 0.37 0.63	0.0 0.5 0.63	0.0 0.62 0.63	0.0 0.75 0.62	0.0 0.88 0.62	0.0 1.0 0.62	0.12 0.0 0.63	0.13 0.13 0.63	0.13 0.25 0.63	0.13 0.37 0.63	0.13 0.5 0.63	0.13 0.62 0.63	0.13 0.75 0.62	0.13 0.88 0.62	0.13 1.0 0.62	0.25 0.0 0.63	0.25 0.13 0.63	0.25 0.25 0.63	0.25 0.37 0.63	0.25 0.5 0.63	0.25 0.62 0.63	0.25 0.75 0.62	0.25 0.88 0.62	0.25 1.0 0.62	0.38 1.0 1.0	0.38 0.87 0.88	0.38 0.75 0.75	0.38 0.62 0.63	0.38 0.5 0.5	0.38 0.38 0.38	0.38 0.25 0.25	0.38 0.13 0.13	0.38 0.0 0.0	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63
07	0.0 0.0 0.75	0.0 0.12 0.75	0.0 0.25 0.75	0.0 0.37 0.75	0.0 0.5 0.75	0.0 0.62 0.75	0.0 0.75 0.75	0.0 0.88 0.75	0.0 1.0 0.75	0.12 0.0 0.75	0.13 0.13 0.75	0.13 0.25 0.75	0.13 0.37 0.75	0.13 0.5 0.75	0.13 0.62 0.75	0.13 0.75 0.75	0.13 0.88 0.75	0.13 1.0 0.75	0.25 0.0 0.75	0.25 0.13 0.75	0.25 0.25 0.75	0.25 0.37 0.75	0.25 0.5 0.75	0.25 0.62 0.75	0.25 0.75 0.75	0.25 0.88 0.75	0.25 1.0 0.75	0.25 1.0 1.0	0.25 0.87 0.88	0.25 0.75 0.75	0.25 0.62 0.63	0.25 0.5 0.5	0.25 0.37 0.38	0.25 0.25 0.25	0.25 0.13 0.13	0.25 0.0 0.0	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75
08	0.0 0.0 0.88	0.0 0.12 0.88	0.0 0.25 0.88	0.0 0.37 0.88	0.0 0.5 0.88	0.0 0.62 0.88	0.0 0.75 0.88	0.0 0.87 0.88	0.0 1.0 0.87	0.12 0.0 0.88	0.13 0.13 0.88	0.13 0.25 0.88	0.13 0.37 0.88	0.13 0.5 0.88	0.13 0.62 0.88	0.13 0.75 0.88	0.13 0.87 0.88	0.13 1.0 0.87	0.25 0.0 0.88	0.25 0.13 0.88	0.25 0.25 0.88	0.25 0.37 0.88	0.25 0.5 0.88	0.25 0.62 0.88	0.25 0.75 0.88	0.25 0.87 0.88	0.25 1.0 0.87	0.13 1.0 1.0	0.13 0.87 0.88	0.13 0.75 0.75	0.13 0.62 0.63	0.13 0.5 0.5	0.13 0.37 0.38	0.13 0.25 0.25	0.13 0.13 0.13	0.13 0.0 0.0	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88
09	0.0 0.0 1.0	0.0 0.12 1.0	0.0 0.25 1.0	0.0 0.37 1.0	0.0 0.5 1.0	0.0 0.62 1.0	0.0 0.75 1.0	0.0 0.87 1.0	0.0 1.0 1.0	0.12 0.0 1.0	0.13 0.13 1.0	0.13 0.25 1.0	0.13 0.37 1.0	0.13 0.5 1.0	0.13 0.62 1.0	0.13 0.75 1.0	0.13 0.87 1.0	0.13 1.0 1.0	0.25 0.0 1.0	0.25 0.13 1.0	0.25 0.25 1.0	0.25 0.37 1.0	0.25 0.5 1.0	0.25 0.62 1.0	0.25 0.75 1.0	0.25 0.87 1.0	0.25 1.0 1.0	0.0 1.0 1.0	0.0 0.87 0.88	0.0 0.75 0.75	0.0 0.62 0.63	0.0 0.5 0.5	0.0 0.37 0.38	0.0 0.25 0.25	0.0 0.12 0.13	0.0 0.0 0.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
10	0.38 0.0 0.0	0.38 0.12 0.0	0.38 0.25 0.0	0.37 0.38 0.0	0.37 0.5 0.0	0.37 0.63 0.0	0.37 0.75 0.0	0.37 0.88 0.0	0.37 1.0 0.0	0.5 0.0 0.0	0.5 0.12 0.0	0.5 0.25 0.0	0.5 0.37 0.0	0.5 0.5 0.0	0.5 0.63 0.0	0.5 0.75 0.0	0.5 0.88 0.0	0.5 1.0 0.0	0.63 0.0 0.0	0.63 0.12 0.0	0.63 0.25 0.0	0.63 0.37 0.0	0.63 0.5 0.0	0.62 0.63 0.0	0.62 0.75 0.0	0.62 0.88 0.0	0.62 1.0 0.0	1.0 1.0 1.0	1.0 1.0 0.88	1.0 1.0 0.75	1.0 1.0 0.63	1.0 1.0 0.5	1.0 1.0 0.38	1.0 1.0 0.25	1.0 1.0 0.13	1.0 1.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
11	0.38 0.0 0.12	0.38 0.13 0.13	0.38 0.25 0.13	0.37 0.38 0.13	0.37 0.5 0.13	0.37 0.63 0.13	0.37 0.75 0.13	0.37 0.88 0.13	0.37 1.0 0.13	0.5 0.0 0.12	0.5 0.13 0.13	0.5 0.25 0.13	0.5 0.37 0.13	0.5 0.5 0.13	0.5 0.63 0.13	0.5 0.75 0.13	0.5 0.88 0.13	0.5 1.0 0.13	0.63 0.0 0.12	0.63 0.13 0.13	0.63 0.25 0.13	0.63 0.37 0.13	0.63 0.5 0.13	0.62 0.63 0.13	0.62 0.75 0.13	0.62 0.88 0.13	0.62 1.0 0.13	0.88 0.88 1.0	0.88 0.88 0.88	0.87 0.88 0.75	0.87 0.88 0.63	0.87 0.88 0.5	0.87 0.88 0.38	0.87 0.88 0.25	0.87 0.88 0.13	0.87 0.88 0.0	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07
12	0.38 0.0 0.25	0.38 0.13 0.25	0.38 0.25 0.25	0.37 0.38 0.25	0.37 0.5 0.25	0.37 0.63 0.25	0.37 0.75 0.25	0.37 0.88 0.25	0.37 1.0 0.25	0.5 0.0 0.25	0.5 0.13 0.25	0.5 0.25 0.25	0.5 0.37 0.25	0.5 0.5 0.25	0.5 0.63 0.25	0.5 0.75 0.25	0.5 0.88 0.25	0.5 1.0 0.25	0.63 0.0 0.25	0.63 0.13 0.25	0.63 0.25 0.25	0.63 0.37 0.25	0.63 0.5 0.25	0.62 0.63 0.25	0.62 0.75 0.25	0.62 0.88 0.25	0.62 1.0 0.25	0.75 0.75 1.0	0.75 0.75 0.88	0.75 0.75 0.75	0.75 0.75 0.63	0.75 0.75 0.5	0.75 0.75 0.38	0.75 0.75 0.25	0.75 0.75 0.13	0.75 0.75 0.0	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
13	0.37 0.0 0.38	0.37 0.13 0.38	0.37 0.25 0.38	0.38 0.38 0.38	0.38 0.5 0.38	0.38 0.63 0.38	0.38 0.75 0.38	0.38 0.88 0.38	0.38 1.0 0.38	0.5 0.0 0.37	0.5 0.13 0.37	0.5 0.25 0.37	0.5 0.38 0.38	0.5 0.5 0.38	0.5 0.63 0.38	0.5 0.75 0.38	0.5 0.88 0.38	0.5 1.0 0.38	0.63 0.0 0.37	0.63 0.13 0.37	0.63 0.25 0.37	0.63 0.38 0.38	0.63 0.5 0.38	0.62 0.63 0.38	0.62 0.75 0.38	0.62 0.88 0.38	0.62 1.0 0.38	0.63 0.63 1.0	0.63 0.63 0.88	0.63 0.63 0.75	0.63 0.63 0.63	0.62 0.63 0.5	0.62 0.63 0.38	0.62 0.63 0.25	0.62 0.63 0.13	0.62 0.63 0.0	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2
14	0.37 0.0 0.5	0.37 0.13 0.5	0.37 0.25 0.5	0.38 0.38 0.5	0.38 0.5 0.5	0.38 0.63 0.5	0.38 0.75 0.5	0.38 0.88 0.5	0.38 1.0 0.5	0.5 0.0 0.5	0.5 0.13 0.5	0.5 0.25 0.5	0.5 0.38 0.5	0.5 0.5 0.5	0.5 0.63 0.5	0.5 0.75 0.5	0.5 0.88 0.5	0.5 1.0 0.5	0.63 0.0 0.5	0.63 0.13 0.5	0.63 0.25 0.5	0.63 0.38 0.5	0.63 0.5 0.5	0.62 0.63 0.5	0.62 0.75 0.5	0.62 0.88 0.5	0.62 1.0 0.5	0.5 0.5 1.0	0.5 0.5 0.88	0.5 0.5 0.75	0.5 0.5 0.63	0.5 0.5 0.5	0.5 0.5 0.38	0.5 0.5 0.25	0.5 0.5 0.13	0.5 0.5 0.0	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27
15	0.37 0.0 0.63	0.37 0.13 0.63	0.37 0.25 0.63	0.38 0.38 0.63	0.38 0.5 0.63	0.38 0.62 0.63	0.38 0.75 0.62	0.38 0.88 0.62	0.38 1.0 0.62	0.5 0.0 0.63	0.5 0.13 0.63	0.5 0.25 0.63	0.5 0.38 0.63	0.5 0.5 0.63	0.5 0.62 0.63	0.5 0.75 0.62	0.5 0.88 0.62	0.5 1.0 0.62	0.62 0.0 0.63	0.62 0.13 0.63	0.62 0.25 0.63	0.62 0.38 0.63	0.62 0.5 0.63	0.63 0.63 0.63	0.63 0.75 0.63	0.63 0.88 0.63	0.63 1.0 0.63	0.38 0.38 1.0	0.38 0.38 0.88	0.38 0.38 0.75	0.38 0.38 0.63	0.38 0.38 0.5	0.38 0.38 0.38	0.37 0.38 0.25	0.37 0.38 0.13	0.37 0.38 0.0	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33
16	0.37 0.0 0.75	0.37 0.13 0.75	0.37 0.25 0.75	0.38 0.38 0.75	0.38 0.5 0.75	0.38 0.62 0.75	0.38 0.75 0.75	0.38 0.88 0.75	0.38 1.0 0.75	0.5 0.0 0.75	0.5 0.13 0.75	0.5 0.25 0.75	0.5 0.38 0.75	0.5 0.5 0.75	0.5 0.62 0.75	0.5 0.75 0.75	0.5 0.88 0.75	0.5 1.0 0.75	0.62 0.0 0.75	0.62 0.13 0.75	0.62 0.25 0.75	0.62 0.38 0.75	0.62 0.5 0.75	0.63 0.63 0.75	0.63 0.75 0.75	0.63 0.88 0.75	0.63 1.0 0.75	0.25 0.25 1.0	0.25 0.25 0.88	0.25 0.25 0.75	0.25 0.25 0.63	0.25 0.25 0.5	0.25 0.25 0.38	0.25 0.25 0.25	0.25 0.25 0.13	0.25 0.25 0.0	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4
17	0.37 0.0 0.88	0.37 0.13 0.88	0.37 0.25 0.88	0.38 0.38 0.88	0.38 0.5 0.88	0.38 0.62 0.88	0.38 0.75 0.88	0.38 0.87 0.88	0.38 1.0 0.87	0.5 0.0 0.88	0.5 0.13 0.88	0.5 0.25 0.88	0.5 0.38 0.88	0.5 0.5 0.88	0.5 0.62 0.88	0.5 0.75 0.88	0.5 0.87 0.88	0.5 1.0 0.87	0.62 0.0 0.88	0.62 0.13 0.88	0.62 0.25 0.88	0.62 0.38 0.88	0.62 0.5 0.88	0.63 0.63 0.88	0.63 0.75 0.88	0.63 0.87 0.88	0.63 1.0 0.87	0.13 0.13 1.0	0.13 0.13 0.88	0.13 0.13 0.75	0.13 0.13 0.63	0.13 0.13 0.5	0.13 0.13 0.38	0.13 0.13 0.25	0.13 0.13 0.13	0.12 0.13 0.0	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47
18	0.37 0.0 1.0	0.37 0.13 1.0	0.37 0.25 1.0	0.38 0.38 1.0	0.38 0.5 1.0	0.38 0.62 1.0	0.38 0.75 1.0	0.38 0.87 1.0	0.38 1.0 1.0	0.5 0.0 1.0	0.5 0.13 1.0	0.5 0.25 1.0	0.5 0.38 1.0	0.5 0.5 1.0	0.5 0.62 1.0	0.5 0.75 1.0	0.5 0.87 1.0	0.5 1.0 1.0	0.62 0.0 1.0	0.62 0.13 1.0	0.62 0.25 1.0	0.62 0.38 1.0	0.62 0.5 1.0	0.63 0.63 1.0	0.63 0.75 1.0	0.63 0.87 1.0	0.63 1.0 1.0	0.0 0.0 1.0	0.0 0.0 0.88	0.0 0.0 0.75	0.0 0.0 0.63	0.0 0.0 0.5	0.0 0.0 0.38	0.0 0.0 0.25	0.0 0.0 0.13	0.0 0.0 0.0	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53
19	0.75 0.0 0.0	0.75 0.12 0.0	0.75 0.25 0.0	0.75 0.37 0.0	0.75 0.5 0.0	0.75 0.62 0.0	0.75 0.75 0.0	0.75 0.88 0.0	0.75 1.0 0.0	0.88 0.0 0.0	0.88 0.12 0.0	0.88 0.25 0.0	0.88 0.37 0.0	0.88 0.5 0.0	0.88 0.62 0.0	0.88 0.75 0.0	0.87 0.88 0.0	0.87 1.0 0.0	1.0 0.0 0.0	1.0 0.12 0.0	1.0 0.25 0.0	1.0 0.37 0.0	1.0 0.5 0.0	1.0 0.62 0.0	1.0 0.75 0.0	1.0 0.87 0.0	1.0 1.0 0.0	1.0 1.0 1.0	0.88 1.0 0.88	0.75 1.0 0.75	0.63 1.0 0.63	0.5 1.0 0.5	0.38 1.0 0.38	0.25 1.0 0.25	0.13 1.0 0.13	0.0 1.0 0.0	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6
20	0.75 0.0 0.12	0.75 0.13 0.13	0.75 0.25 0.13	0.75 0.37 0.13	0.75 0.5 0.13	0.75 0.62 0.13	0.75 0.75 0.13	0.75 0.88 0.13	0.75 1.0 0.13	0.88 0.0 0.12	0.88 0.13 0.13	0.88 0.25 0.13	0.88 0.37 0.13	0.88 0.5 0.13	0.88 0.62 0.13	0.88 0.75 0.13	0.87 0.88 0.13	0.87 1.0 0.13	1.0 0.0 0.12	1.0 0.13 0.13	1.0 0.25 0.13	1.0 0.37 0.13	1.0 0.5 0.13	1.0 0.62 0.13	1.0 0.75 0.13	1.0 0.87 0.13	1.0 1.0 0.13	1.0 0.88 1.0	0.88 0.88 0.88	0.75 0.88 0.75	0.63 0.88 0.63	0.5 0.88 0.5	0.38 0.88 0.38	0.25 0.88 0.25	0.13 0.88 0.13	0.0 0.88 0.0	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67
21	0.75 0.0 0.25	0.75 0.13 0.25	0.75 0.25 0.25	0.75 0.37 0.25	0.75 0.5 0.25	0.75 0.62 0.25	0.75 0.75 0.25	0.75 0.88 0.25	0.75 1.0 0.25	0.88 0.0 0.25	0.88 0.13 0.25	0.88 0.25 0.25	0.88 0.37 0.25	0.88 0.5 0.25	0.88 0.62 0.25	0.88 0.75 0.25	0.87 0.88 0.25	0.87 1.0 0.25	1.0 0.0 0.25	1.0 0.13 0.25	1.0 0.25 0.25	1.0 0.37 0.25	1.0 0.5 0.25	1.0 0.62 0.25	1.0 0.75 0.25	1.0 0.87 0.25	1.0 1.0 0.25	1.0 0.75 1.0	0.87 0.75 0.88	0.75 0.75 0.75	0.63 0.75 0.63	0.5 0.75 0.5	0.38 0.75 0.38	0.25 0.75 0.25	0.13 0.75 0.13	0.0 0.75 0.0	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73
22	0.75 0.0 0.37	0.75 0.13 0.37	0.75 0.25 0.37	0.75 0.38 0.38	0.75 0.5 0.38	0.75 0.62 0.38	0.75 0.75 0.38	0.75 0.88 0.38	0.75 1.0 0.38	0.88 0.0 0.37	0.88 0.13 0.37	0.88 0.25 0.37	0.88 0.38 0.38	0.88 0.5 0.38	0.88 0.62 0.38	0.88 0.75 0.38	0.87 0.88 0.38	0.87 1.0 0.38	1.0 0.0 0.37	1.0 0.13 0.37	1.0 0.25 0.37	1.0 0.38 0.38	1.0 0.5 0.38	1.0 0.62 0.38	1.0 0.75 0.38	1.0 0.87 0.38	1.0 1.0 0.38	1.0 0.63 1.0	0.87 0.63 0.88	0.75 0.63 0.75	0.63 0.63 0.63	0.5 0.63 0.5	0.38 0.63 0.38	0.25 0.63 0.25	0.13 0.63 0.13	0.0 0.63 0.0	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8
23	0.75 0.0 0.5	0.75 0.13 0.5	0.75 0.25 0.5	0.75 0.38 0.5	0.75 0.5 0.5	0.75 0.62 0.5	0.75 0.75 0.5	0.75 0.88 0.5	0.75 1.0 0.5	0.88 0.0 0.5	0.88 0.13 0.5	0.88 0.25 0.5	0.88 0.38 0.5	0.88 0.5 0.5	0.88 0.62 0.5	0.88 0.75 0.5	0.87 0.88 0.5	0.87 1.0 0.5	1.0 0.0 0.5	1.0 0.13 0.5	1.0 0.25 0.5	1.0 0.38 0.5	1.0 0.5 0.5	1.0 0.62 0.5	1.0 0.75 0.5	1.0 0.87 0.5	1.0 1.0 0.5	1.0 0.5 1.0	0.87 0.5 0.88	0.75 0.5 0.75	0.62 0.5 0.63	0.5 0.5 0.5	0.38 0.5 0.38	0.25 0.5 0.25	0.13 0.5 0.13	0.0 0.5 0.0	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87
24	0.75 0.0 0.62	0.75 0.13 0.62	0.75 0.25 0.62	0.75 0.38 0.62	0.75 0.5 0.62	0.75 0.63 0.63	0.75 0.75 0.63	0.75 0.88 0.63	0.75 1.0 0.63	0.88 0.0 0.62	0.88 0.13 0.62	0.88 0.25 0.62	0.88 0.38 0.62	0.88 0.5 0.62	0.88 0.63 0.63	0.88 0.75 0.63	0.87 0.88 0.63	0.87 1.0 0.63	1.0 0.0 0.62	1.0 0.13 0.62	1.0 0.25 0.62	1.0 0.38 0.62	1.0 0.5 0.62	1.0 0.63 0.63	1.0 0.75 0.63	1.0 0.87 0.63	1.0 1.0 0.63	1.0 0.38 1.0	0.87 0.38 0.88	0.75 0.38 0.75	0.62 0.38 0.63	0.5 0.38 0.5	0.38 0.38 0.38	0.25 0.38 0.25	0.13 0.38 0.13	0.0 0.38 0.0	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93
25	0.75 0.0 0.75	0.75 0.13 0.75	0.75 0.25 0.75	0.75 0.38 0.75	0.75 0.5 0.75	0.75 0.63 0.75	0.75 0.75 0.75	0.75 0.88 0.75	0.75 1.0 0.75	0.88 0.0 0.75	0.88 0.13 0.75	0.88 0.25 0.75	0.88 0.38 0.75	0.88 0.5 0.75	0.88 0.63 0.75	0.88 0.75 0.75	0.87 0.88 0.75	0.87 1.0 0.75	1.0 0.0 0.75	1.0 0.13 0.75	1.0 0.25 0.75	1.0 0.38 0.75	1.0 0.5 0.75	1.0 0.63 0.75	1.0 0.75 0.75	1.0 0.87 0.75	1.0 1.0 0.75	1.0 0.25 1.0	0.87 0.25 0.88	0.75 0.25 0.75	0.62 0.25 0.63	0.5 0.25 0.5	0.37 0.25 0.38	0.25 0.25 0.25	0.13 0.25 0.13	0.0 0.25 0.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
26	0.75 0.0 0.88	0.75 0.13 0.88	0.75 0.25 0.88	0.75 0.38 0.88	0.75 0.5 0.88	0.75 0.63 0.88	0.75 0.75 0.88	0.75 0.87 0.88	0.75 1.0 0.87	0.87 0.0 0.88	0.87 0.13 0.88	0.87 0.25 0.88	0.87 0.38 0.88	0.87 0.5 0.88	0.87 0.63 0.88	0.87 0.75 0.88	0.88 0.88 0.88	0.88 1.0 0.88	1.0 0.0 0.87	1.0 0.13 0.87	1.0 0.25 0.87	1.0 0.38 0.87	1.0 0.5 0.87	1.0 0.63 0.87	1.0 0.75 0.87	1.0 0.88 0.88	1.0 1.0 0.88	1.0 0.13 1.0	0.87 0.13 0.88	0.75 0.13 0.75	0.62 0.13 0.63	0.5 0.13 0.5	0.37 0.13 0.38	0.25 0.13 0.25	0.13 0.13 0.13	0.0 0.13 0.0	0.0 0.0 0.0	1.0 0.0 0.0	1.0 1.0 0.0	0.0 1.0 0.0
27	0.75 0.0 1.0	0.75 0.13 1.0	0.75 0.25 1.0	0.75 0.38 1.0	0.75 0.5 1.0	0.75 0.63 1.0	0.75 0.75 1.0	0.75 0.87 1.0	0.75 1.0 1.0	0.87 0.0 1.0	0.87 0.13 1.0	0.87 0.25 1.0	0.87 0.38 1.0	0.87 0.5 1.0	0.87 0.63 1.0	0.87 0.75 1.0	0.88 0.88 1.0	0.88 1.0 1.0	1.0 0.0 1.0	1.0 0.13 1.0	1.0 0.25 1.0	1.0 0.38 1.0	1.0 0.5 1.0	1.0 0.63 1.0	1.0 0.75 1.0	1.0 0.88 1.0	1.0 1.0 1.0	1.0 0.0 1.0	0.87 0.0 0.88	0.75 0.0 0.75	0.62 0.0 0.63	0.5 0.0 0.5	0.37 0.0 0.38	0.25 0.0 0.25	0.12 0.0 0.13	0.0 0.0 0.0	1.0 1.0 1.0	0.0 1.0 1.0	0.0 0.0 1.0	1.0 0.0 1.0

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

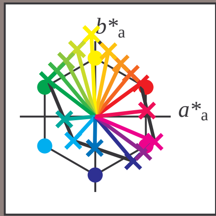
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

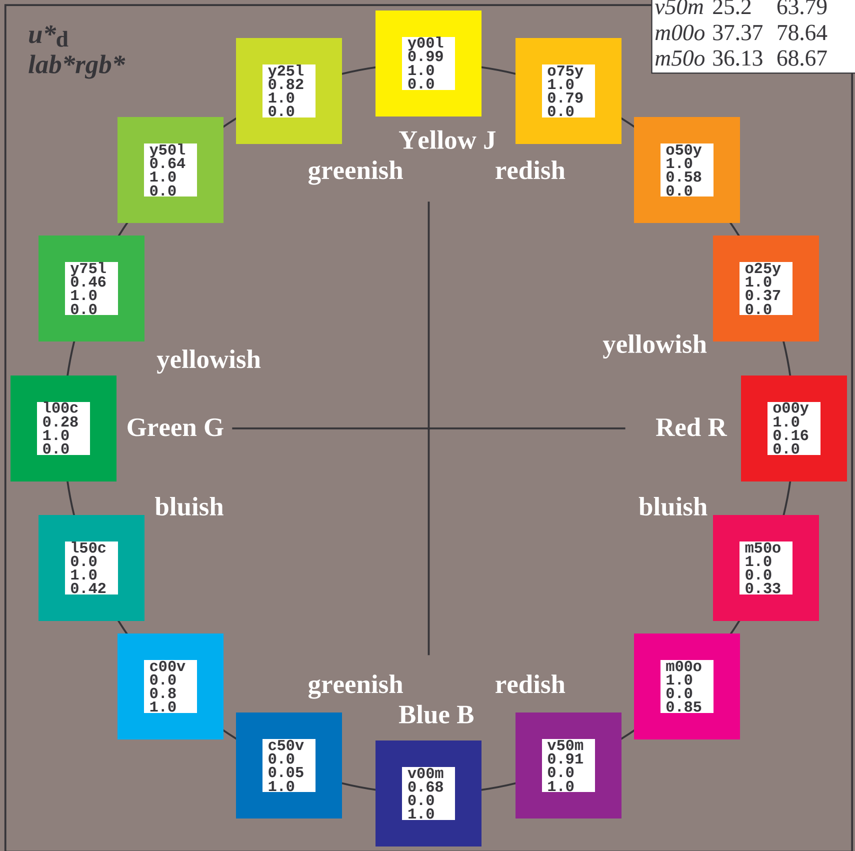
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

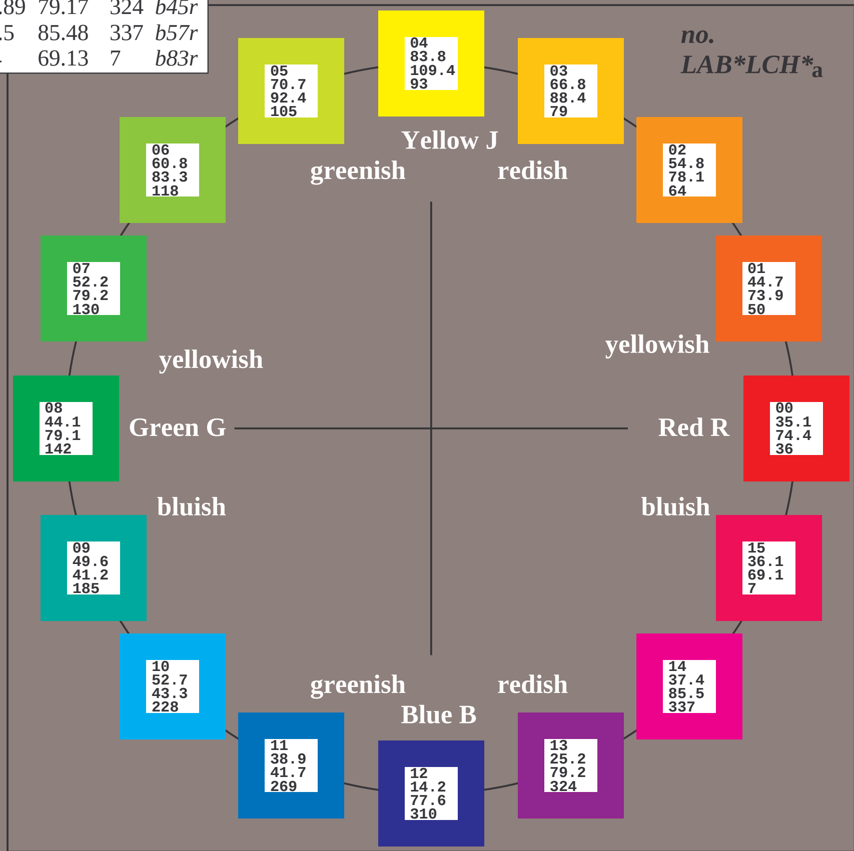


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

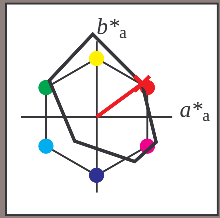
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

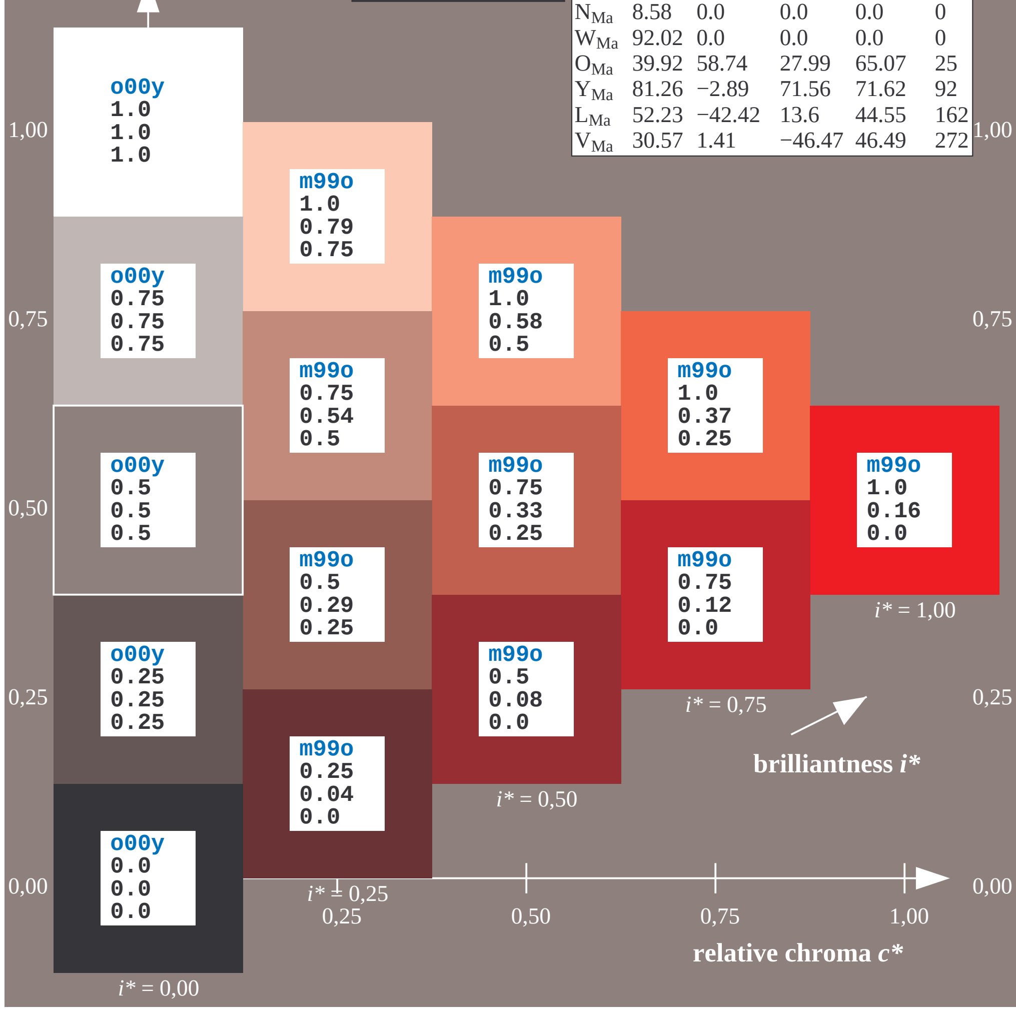
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

u^*_d = o00y
*lab*rgb**

data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_d = o00y u^*_e = r16j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



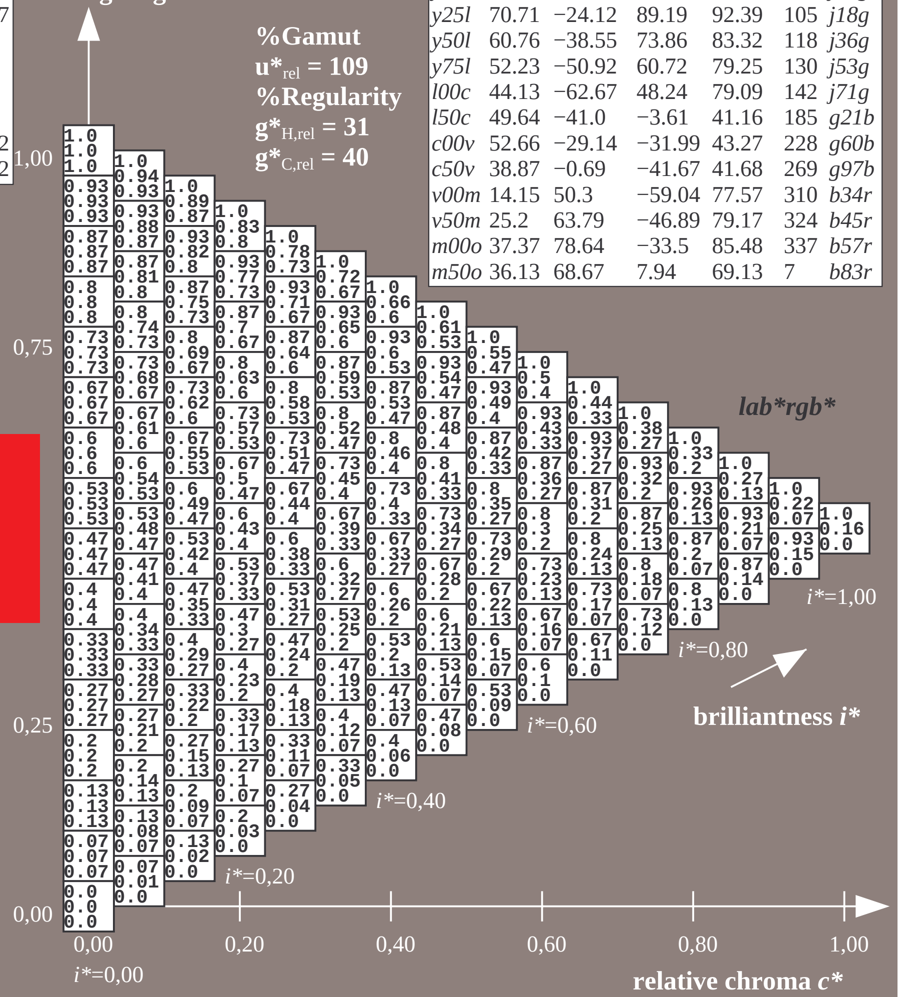
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 35 60 44**
***LAB*LCH*$_{Ma}$*: 35 74 36**
***lab*olv*$_{Ma}$*: 1.0 0.0 0.0**
***lab*rgb*$_{Ma}$*: 1.0 0.16 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



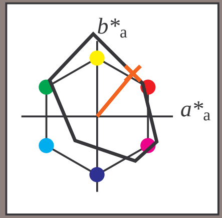
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

$u^*_d = o25y$
lab*rgb*

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_d = o25y$ $u^*_e = r37j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

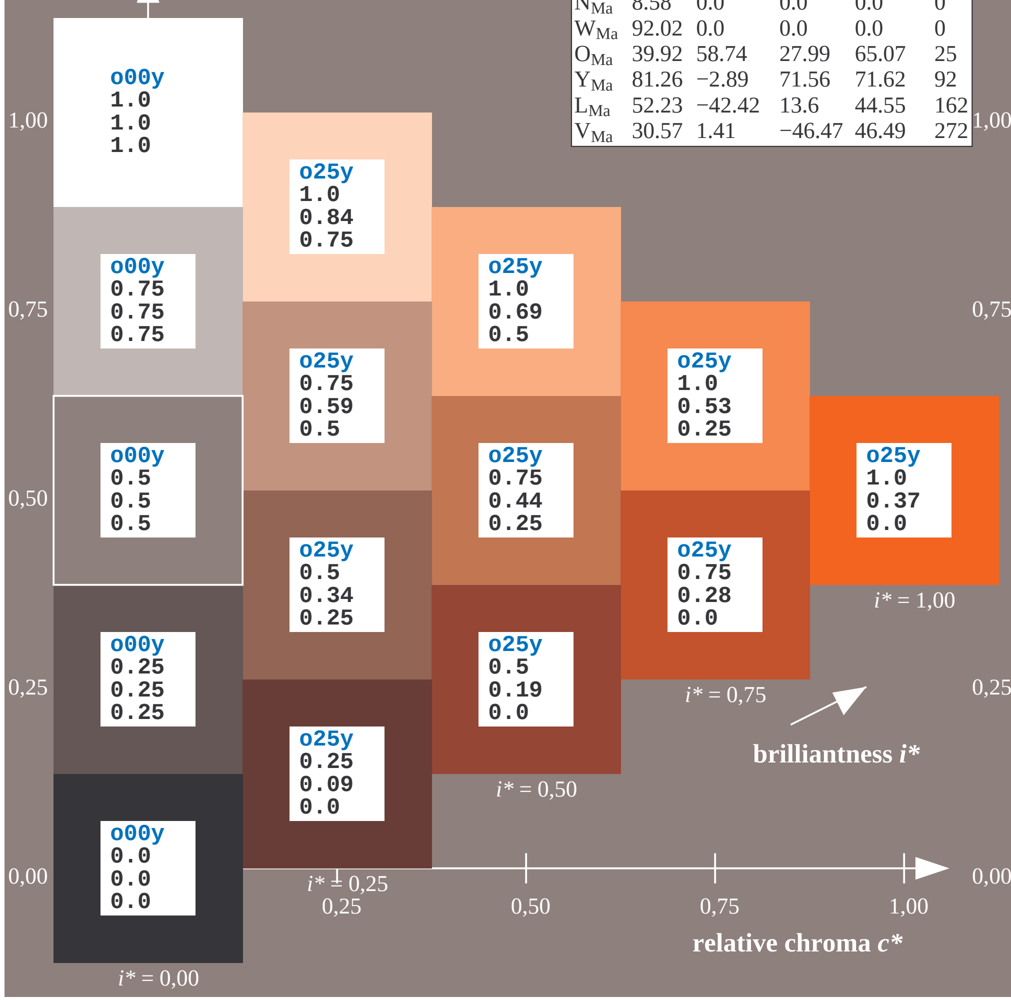


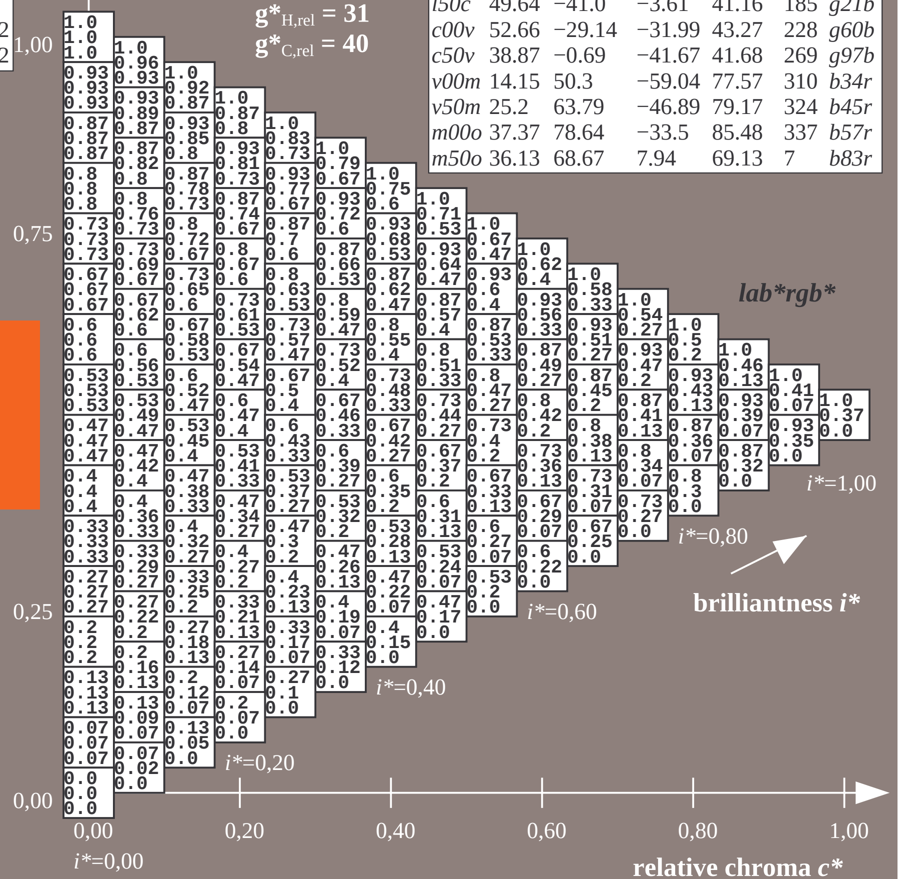
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 45 47 57**
***$LAB^*LCH^*_{Ma}$*: 45 74 50**
***$lab^*olv^*_{Ma}$*: 1.0 0.25 0.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.37 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

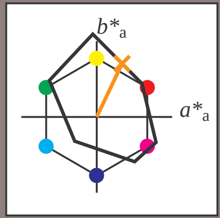
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

u^*_d = o50y
*lab*rgb**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o50y u^*_e = r58j
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

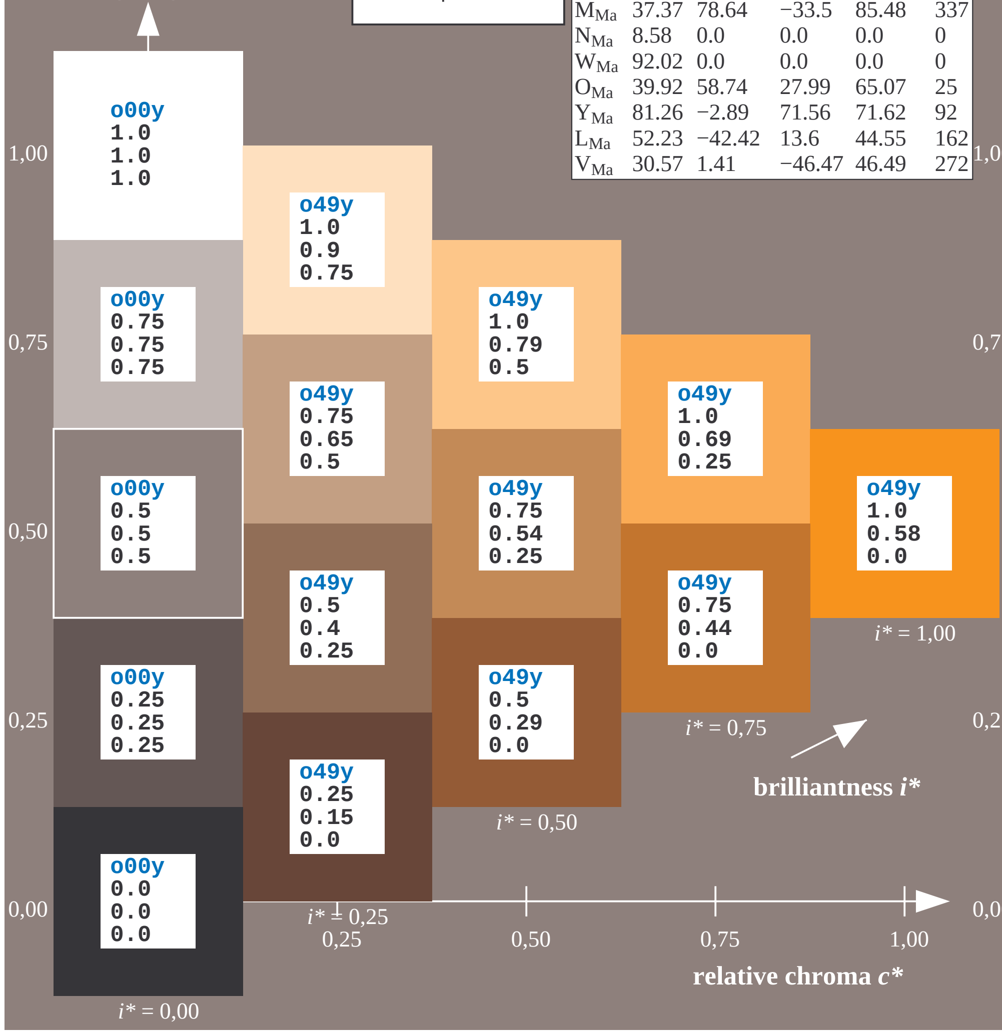


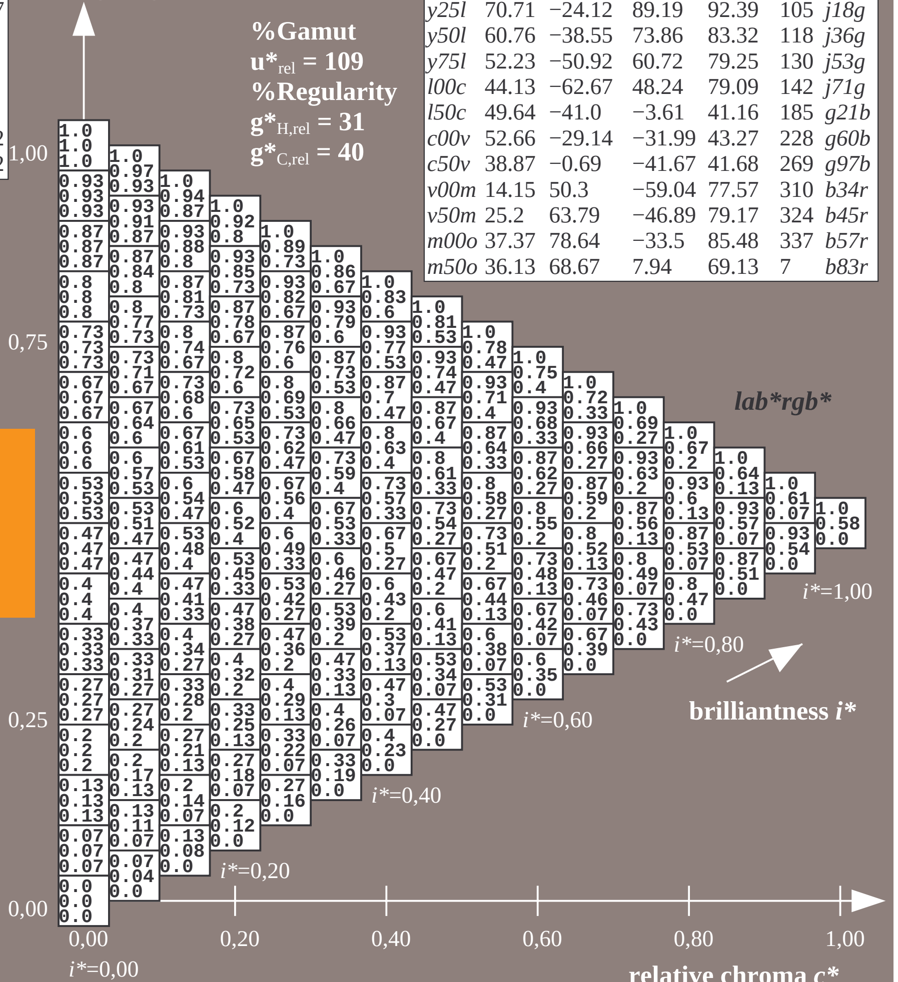
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 55 34 70**
***LAB*LCH*$_{Ma}$*: 55 78 64**
***lab*olv*$_{Ma}$*: 1.0 0.5 0.0**
***lab*rgb*$_{Ma}$*: 1.0 0.58 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

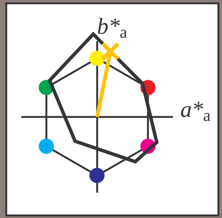
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

u^*_d = o75y
*lab*rgb**

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
u^*_d = o75y u^*_e = r79j
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

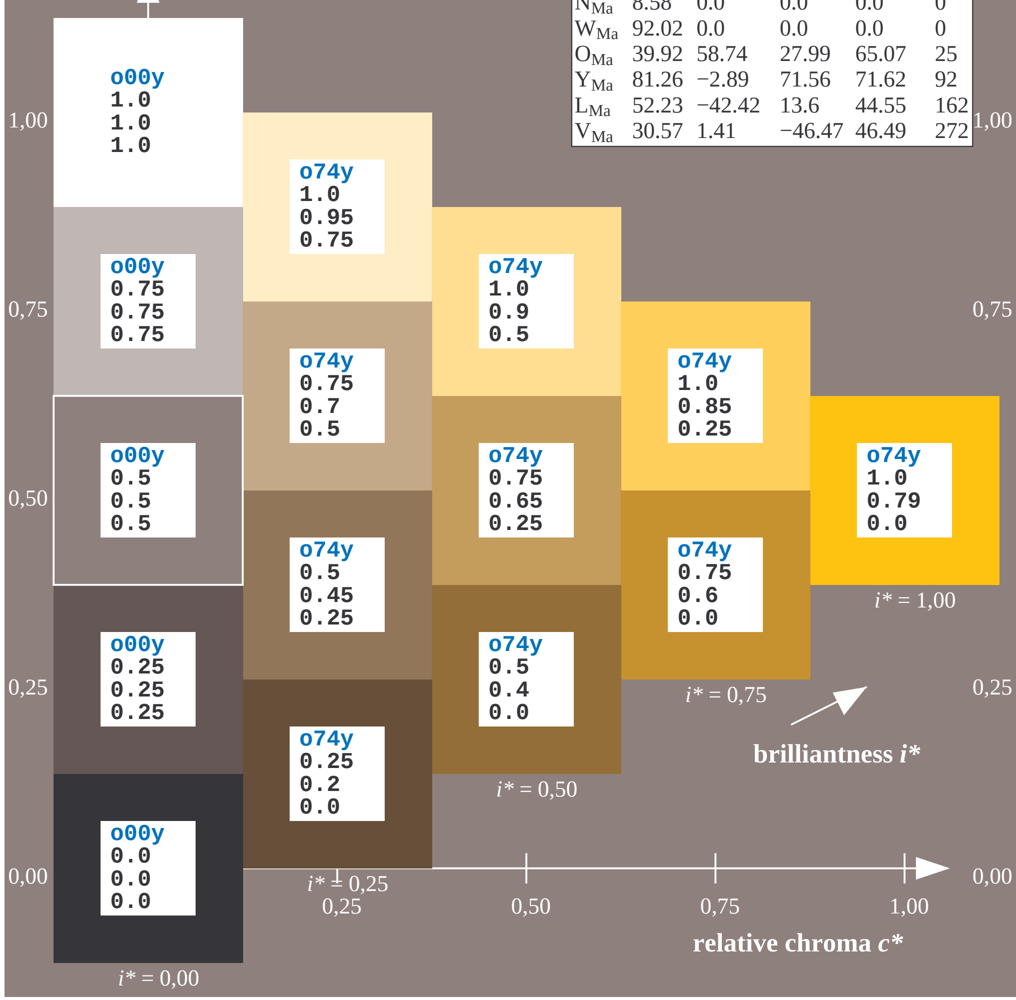


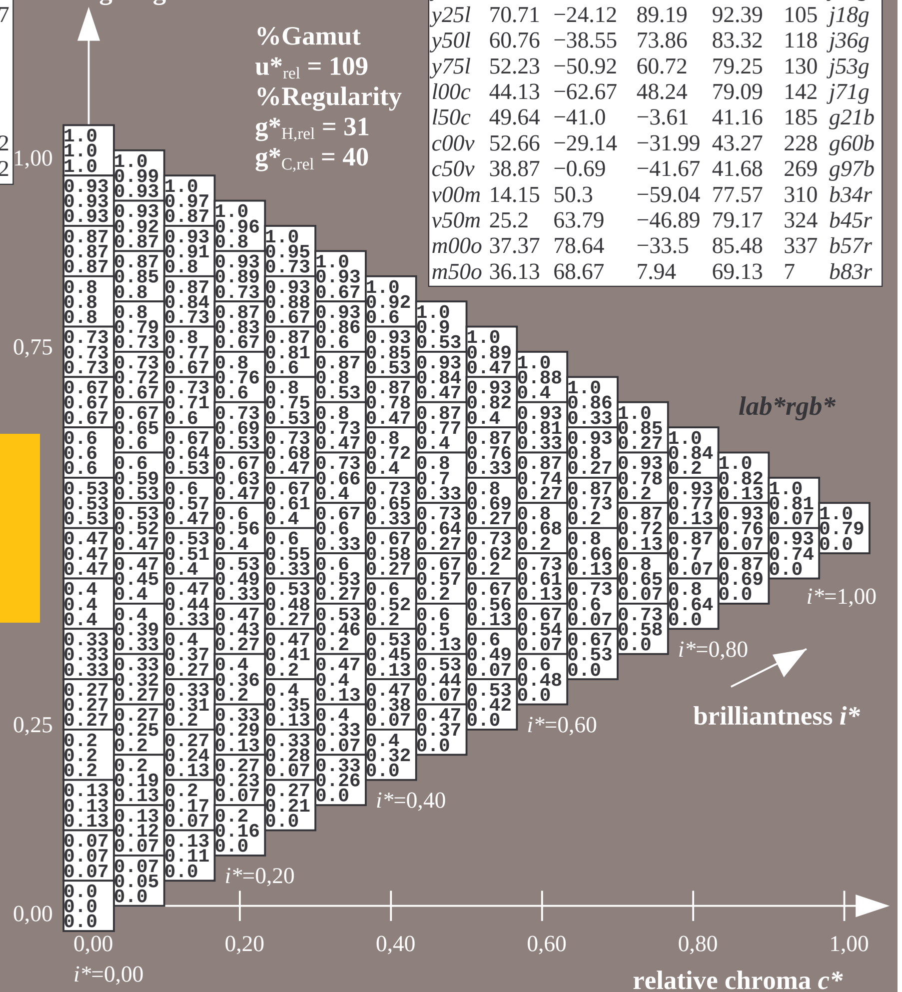
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: **67 17 87**
$LAB^*LCH^*_{Ma}$: **67 88 78**
$lab^*olv^*_{Ma}$: **1.0 0.75 0.0**
$lab^*rgb^*_{Ma}$: **1.0 0.79 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

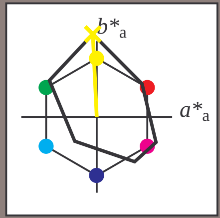
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$
*lab*rgb**

data for any colour:
lab*tch** and *lab*icu
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

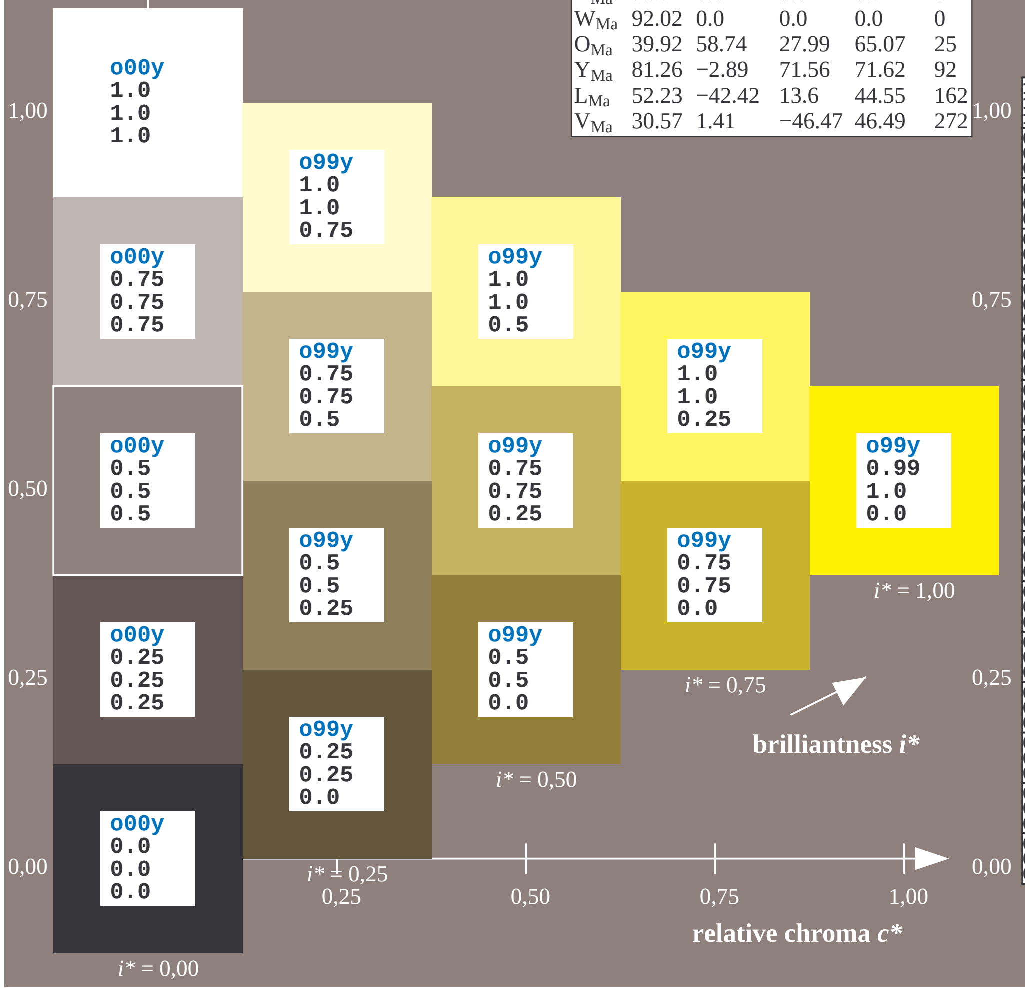


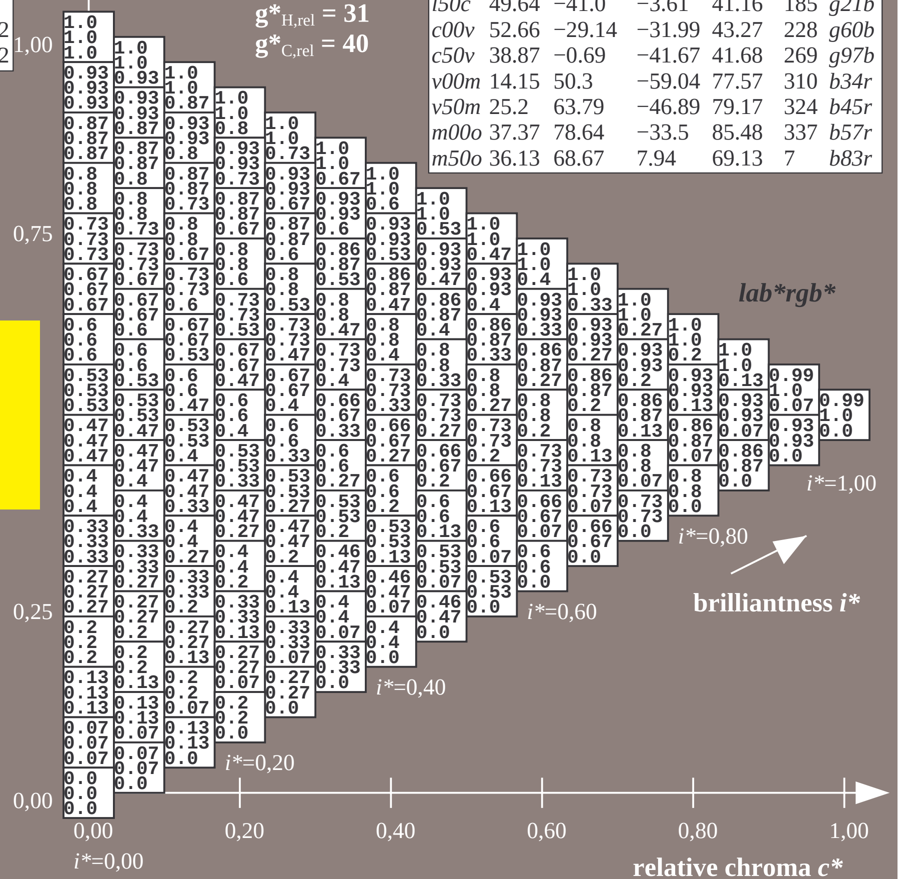
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 84 −5 109**
***LAB*LCH*$_{Ma}$*: 84 109 92**
***lab*olv*$_{Ma}$*: 1.0 1.0 0.0**
***lab*rgb*$_{Ma}$*: 0.99 1.0 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

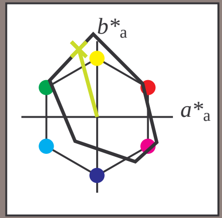
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$
*lab*rgb**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

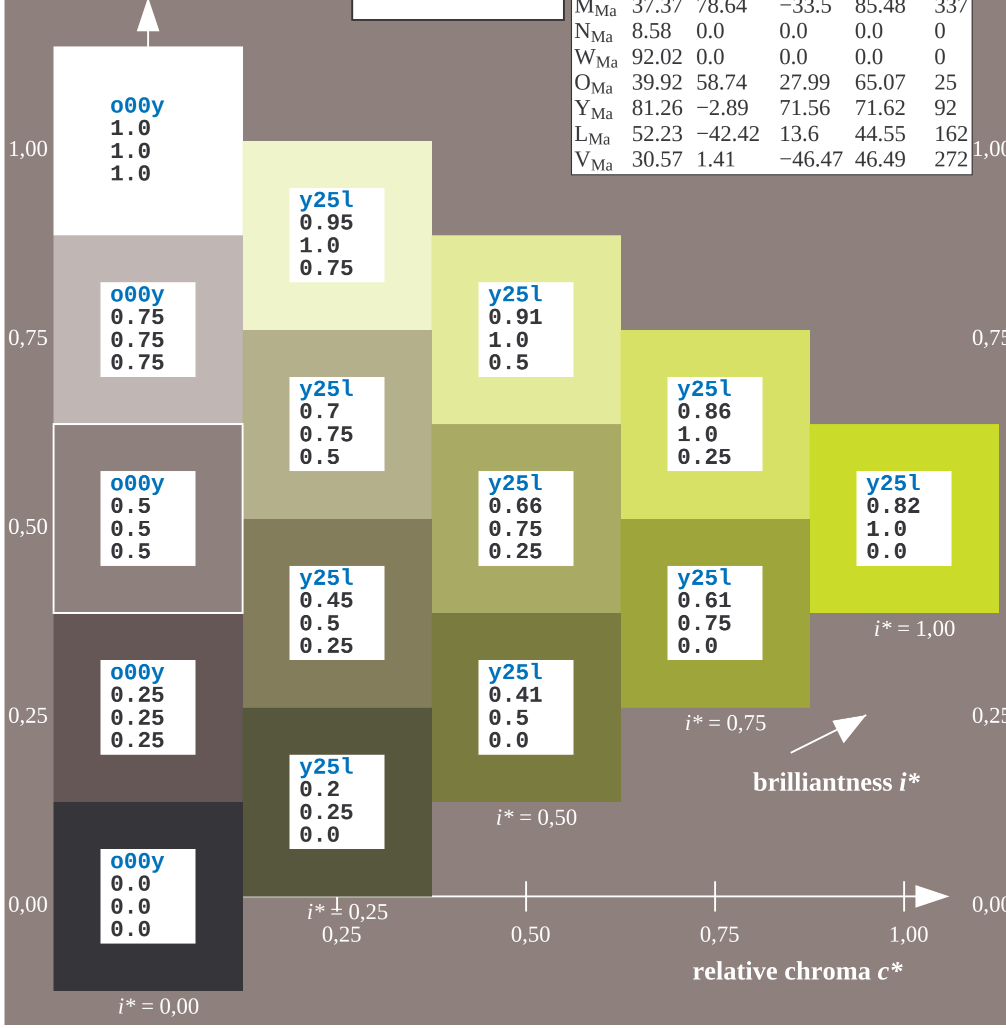


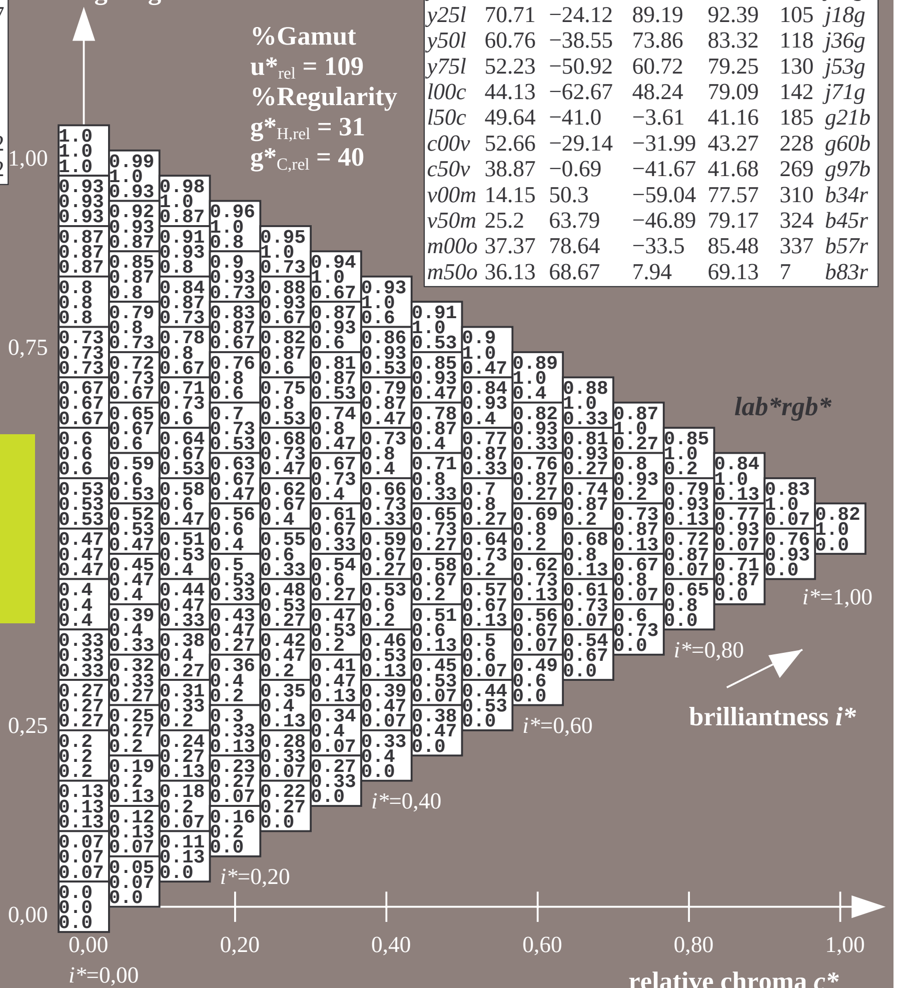
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 71 −24 89
$LAB^*LCH^*_{Ma}$: 71 92 105
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

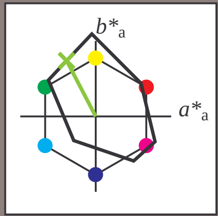
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

u^*_d = y50l
*lab*rgb**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = y50l u^*_e = j36g
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

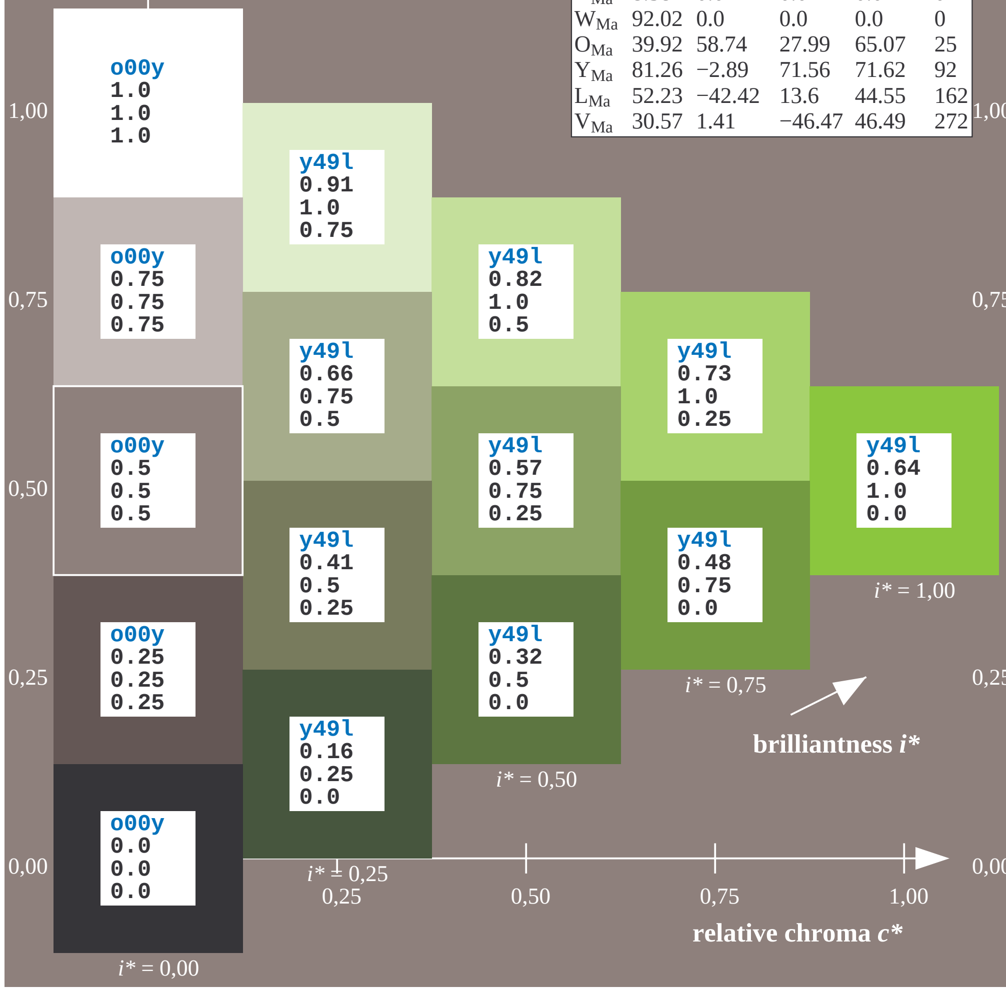


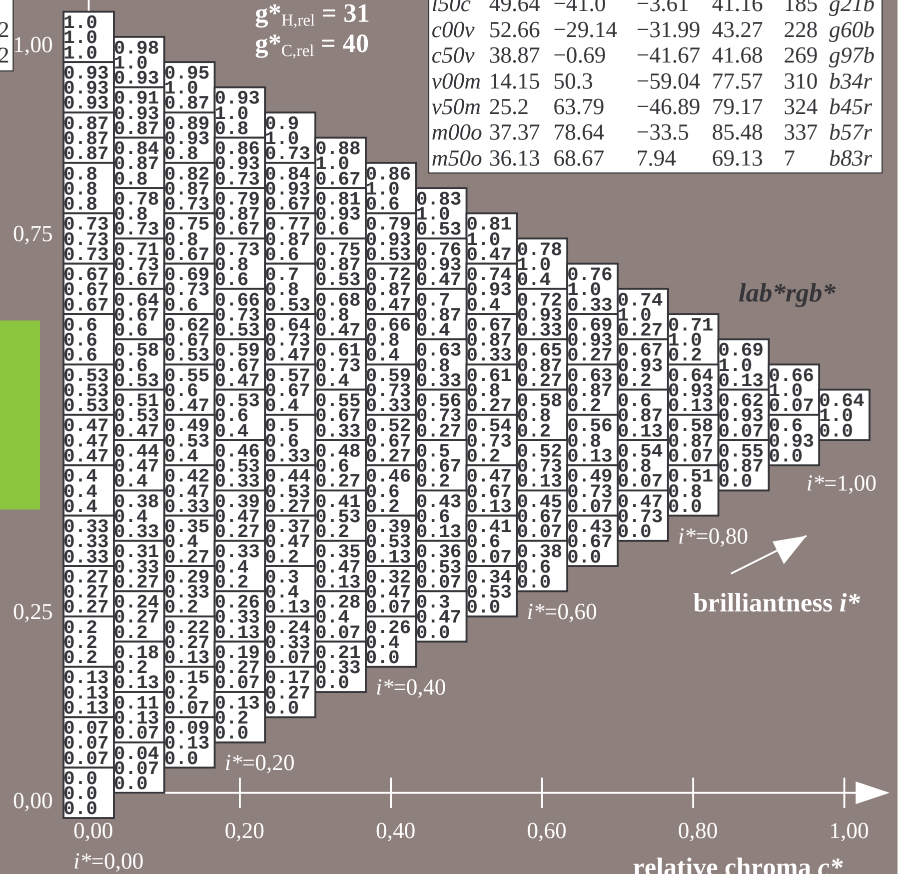
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 61 −39 74**
***LAB*LCH*$_{Ma}$*: 61 83 117**
***lab*olv*$_{Ma}$*: 0.5 1.0 0.0**
***lab*rgb*$_{Ma}$*: 0.64 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





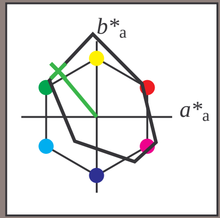
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

$u^*_d = y75l$
*lab*rgb**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

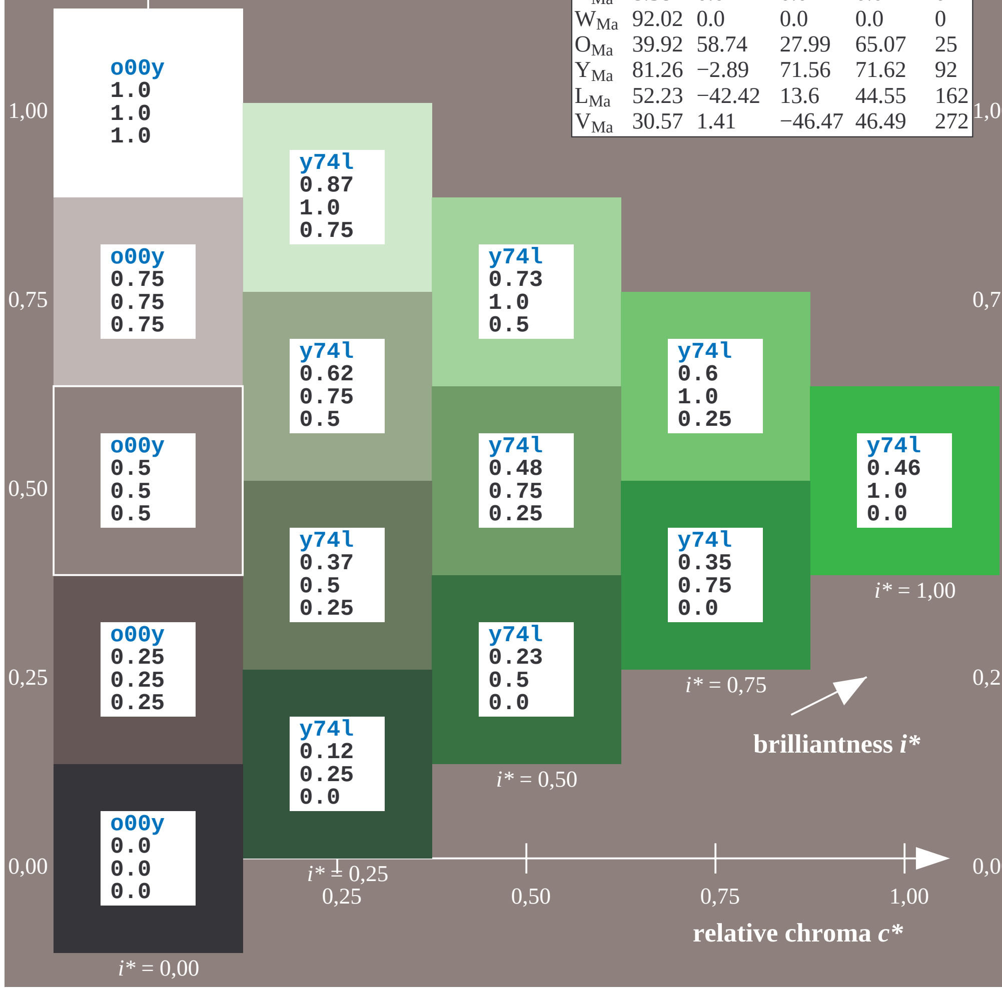


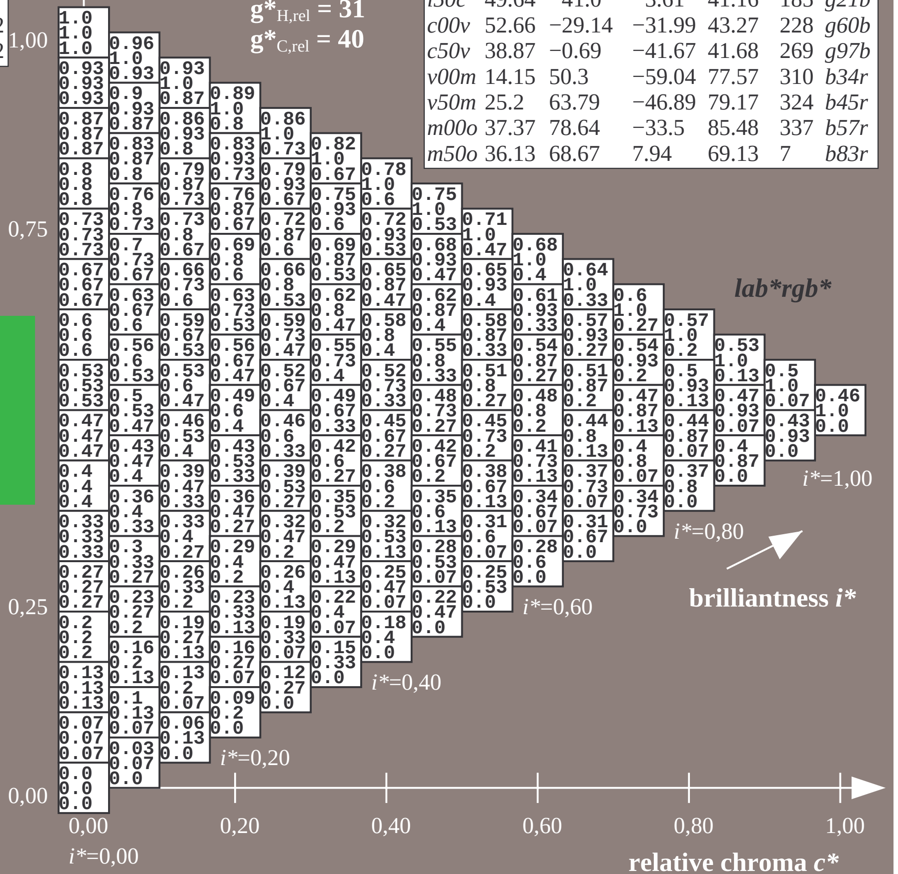
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −51 61
*LAB*LCH**$_{Ma}$: 52 79 129
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.46 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

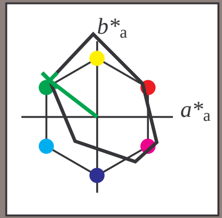
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

u^*_d = l00c
*lab*rgb**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = l00c u^*_e = j71g
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

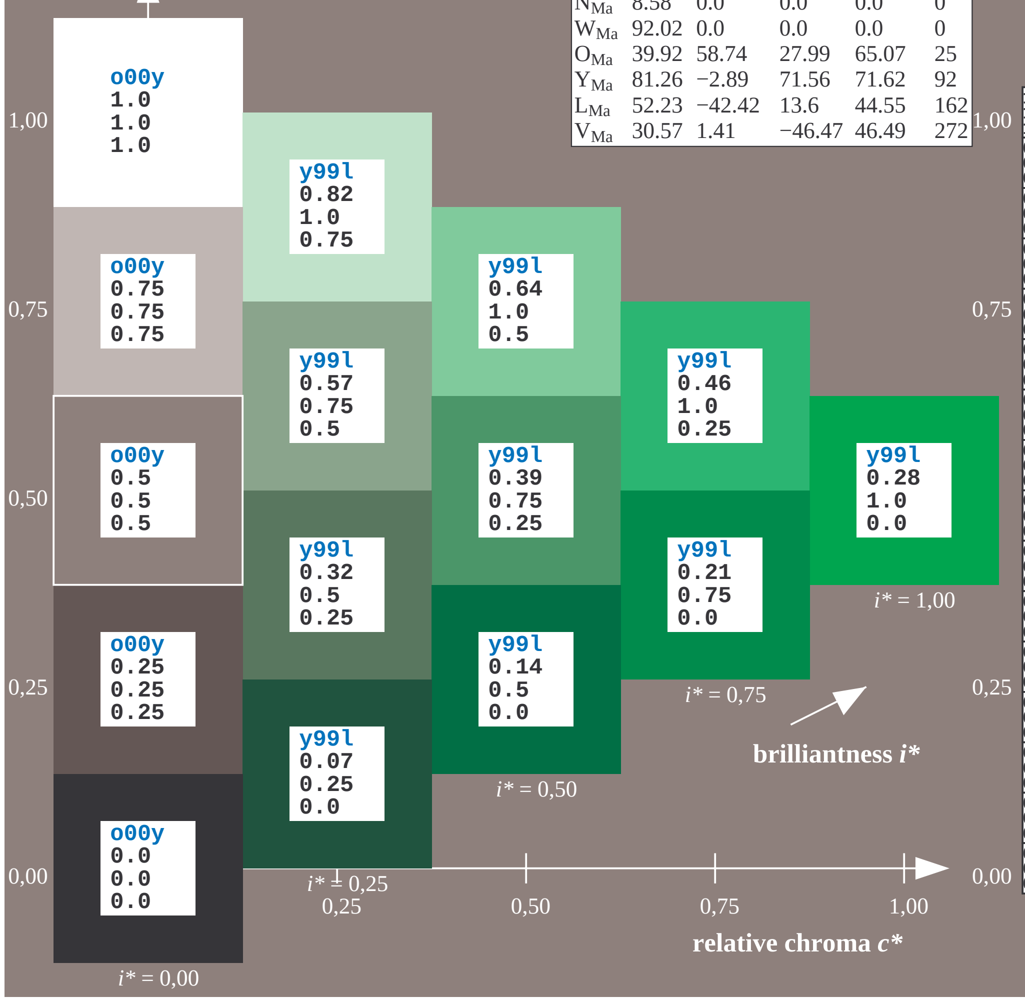


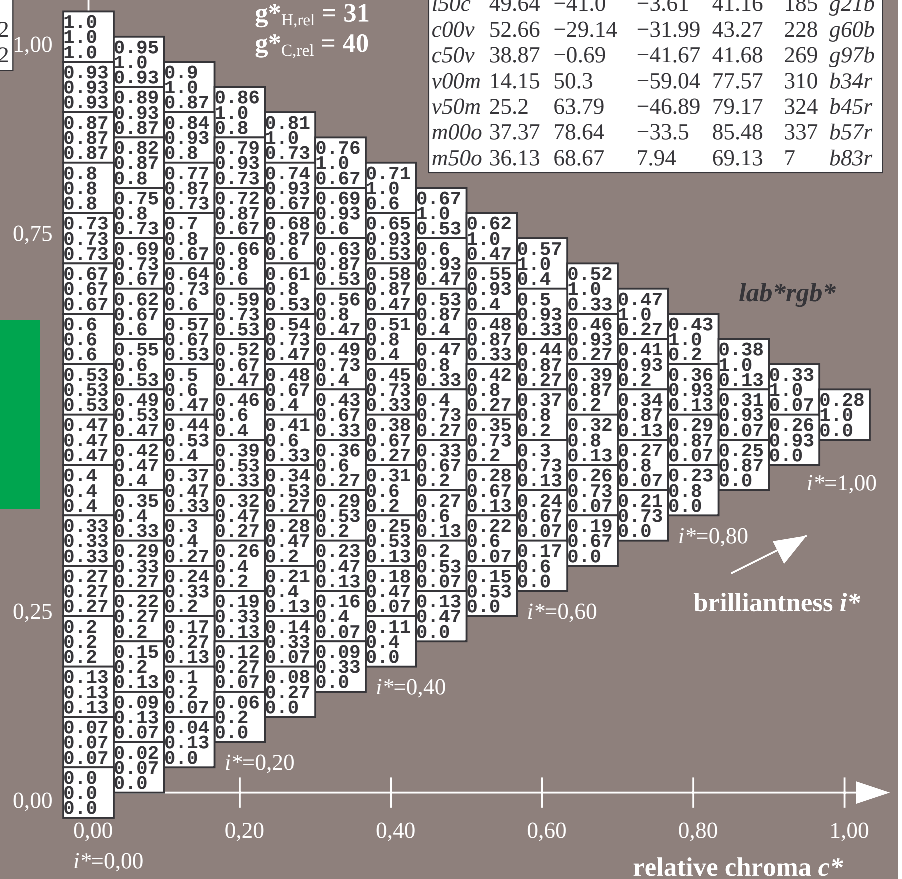
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 44 −63 48**
***$LAB^*LCH^*_{Ma}$*: 44 79 142**
***$lab^*olv^*_{Ma}$*: 0.0 1.0 0.0**
***$lab^*rgb^*_{Ma}$*: 0.28 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



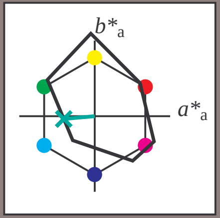


input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

u^*_d = l50c
*lab*rgb**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = l50c u^*_e = g21b
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

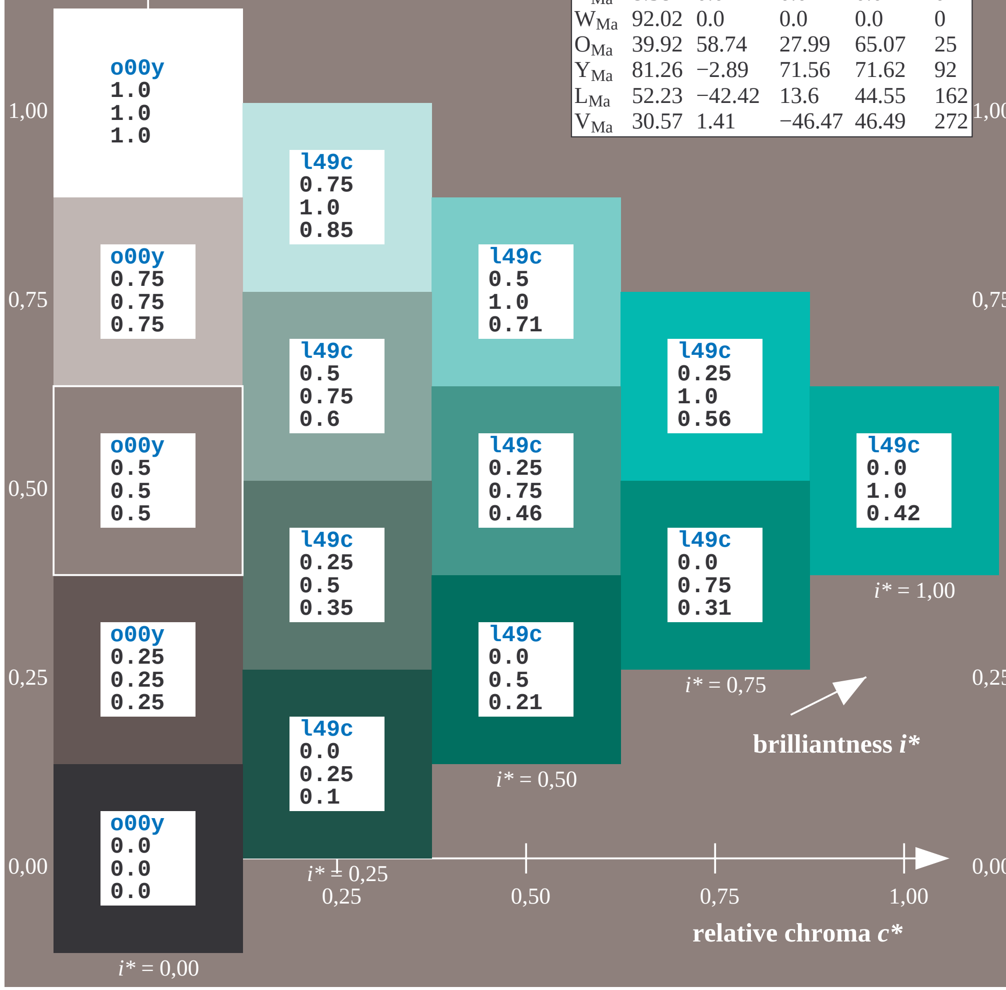


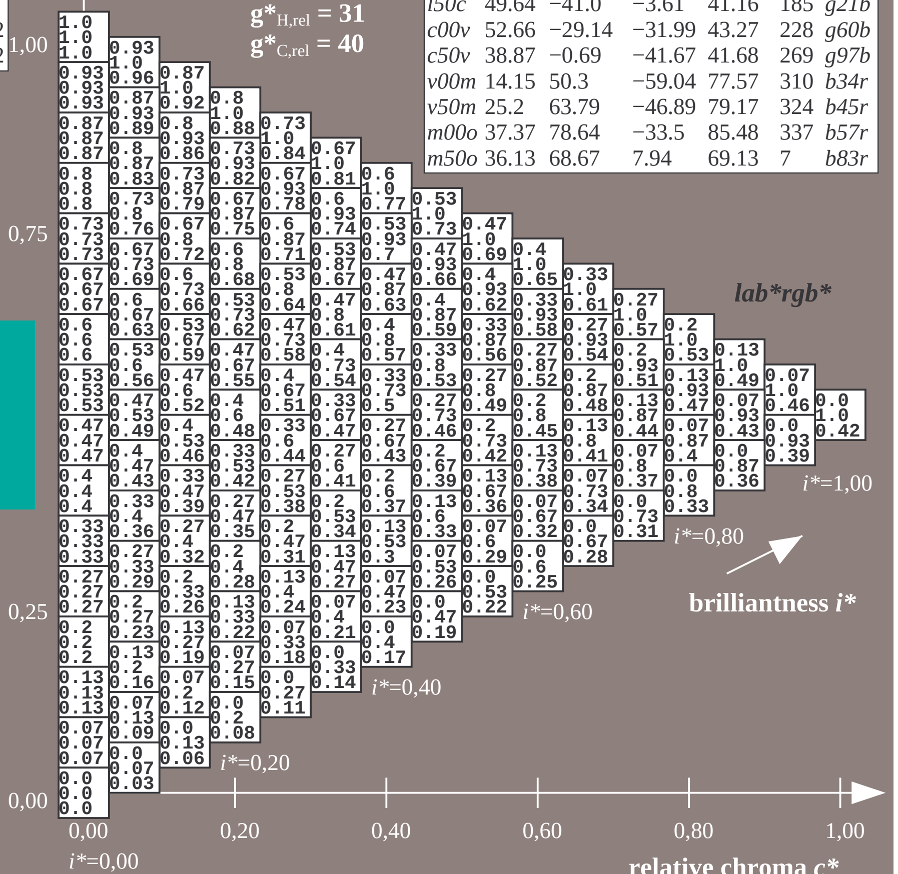
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 50 −41 −4**
***$LAB^*LCH^*_{Ma}$*: 50 41 185**
***$lab^*olv^*_{Ma}$*: 0.0 1.0 0.5**
***$lab^*rgb^*_{Ma}$*: 0.0 1.0 0.42**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





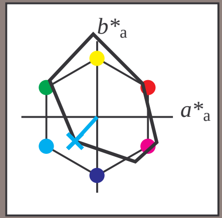
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$
*lab*rgb**

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

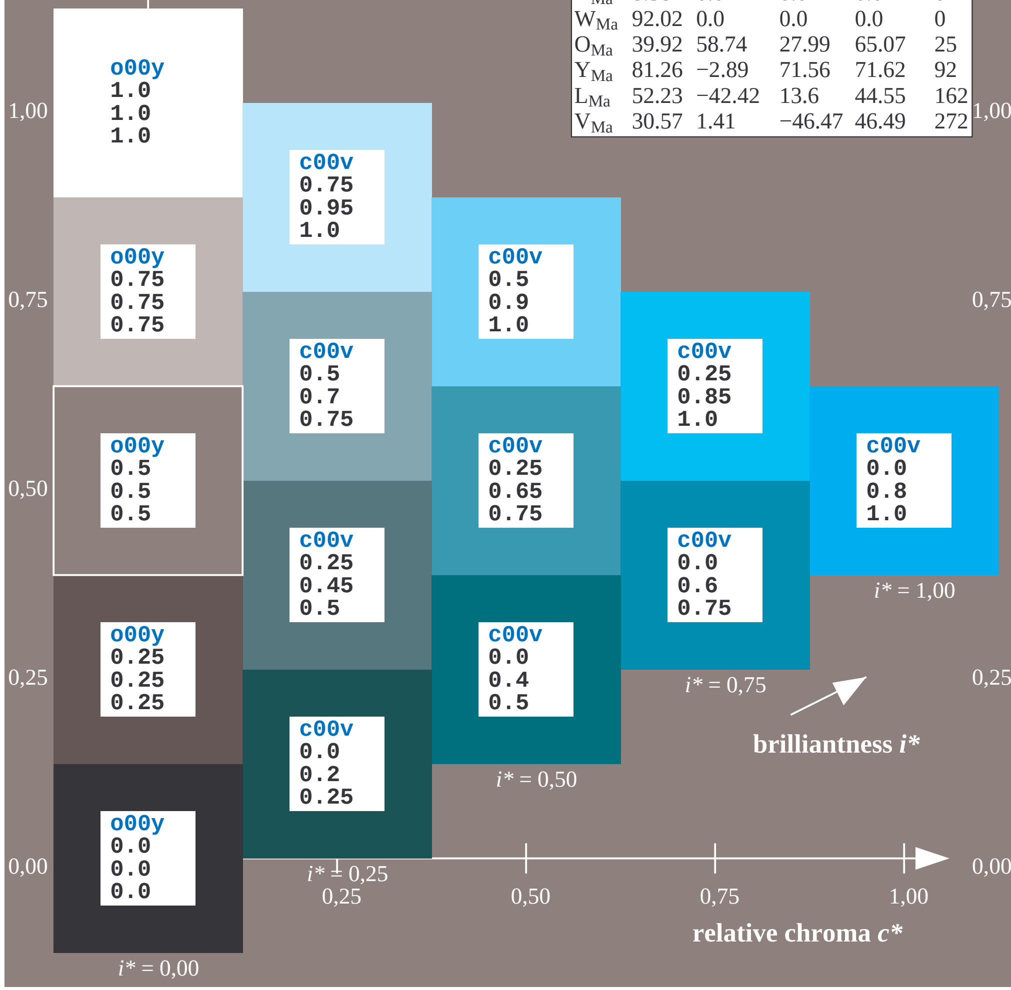


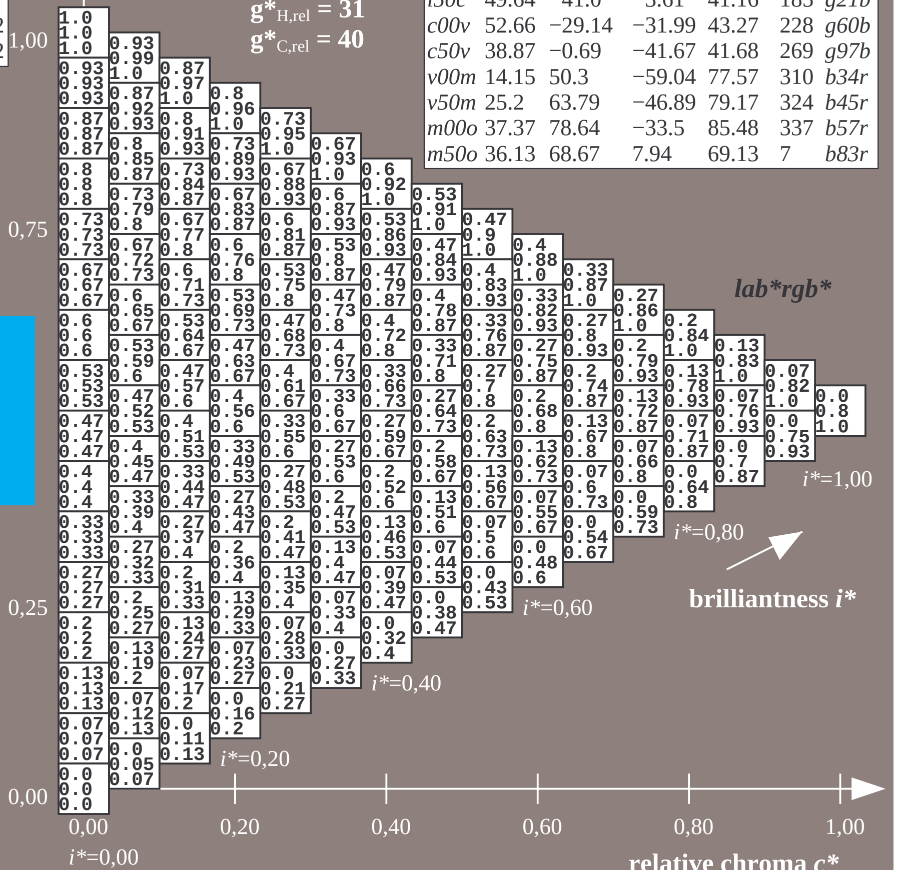
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −29 −32
$LAB^*LCH^*_{Ma}$: 53 43 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

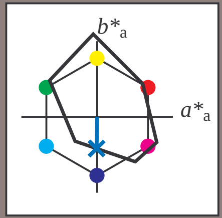
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

$u^*_d = c50v$
*lab*rgb**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

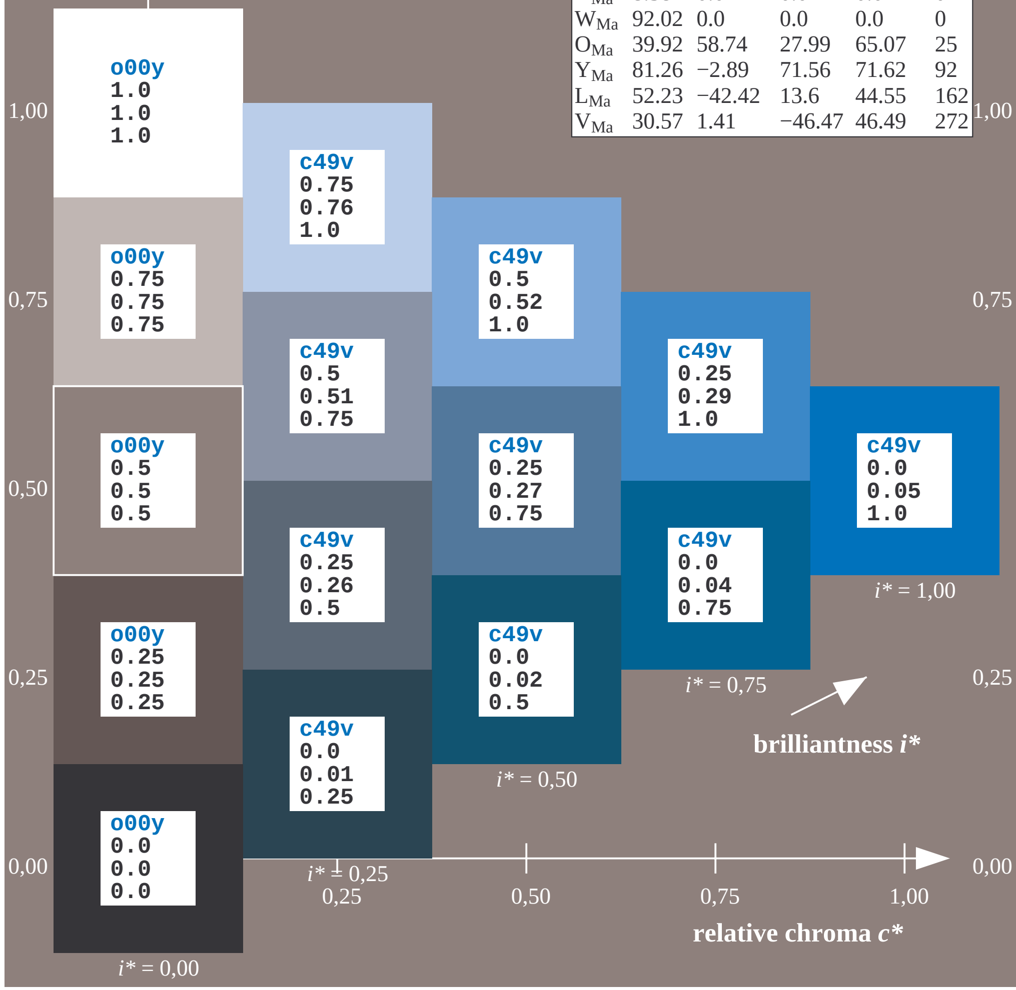
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

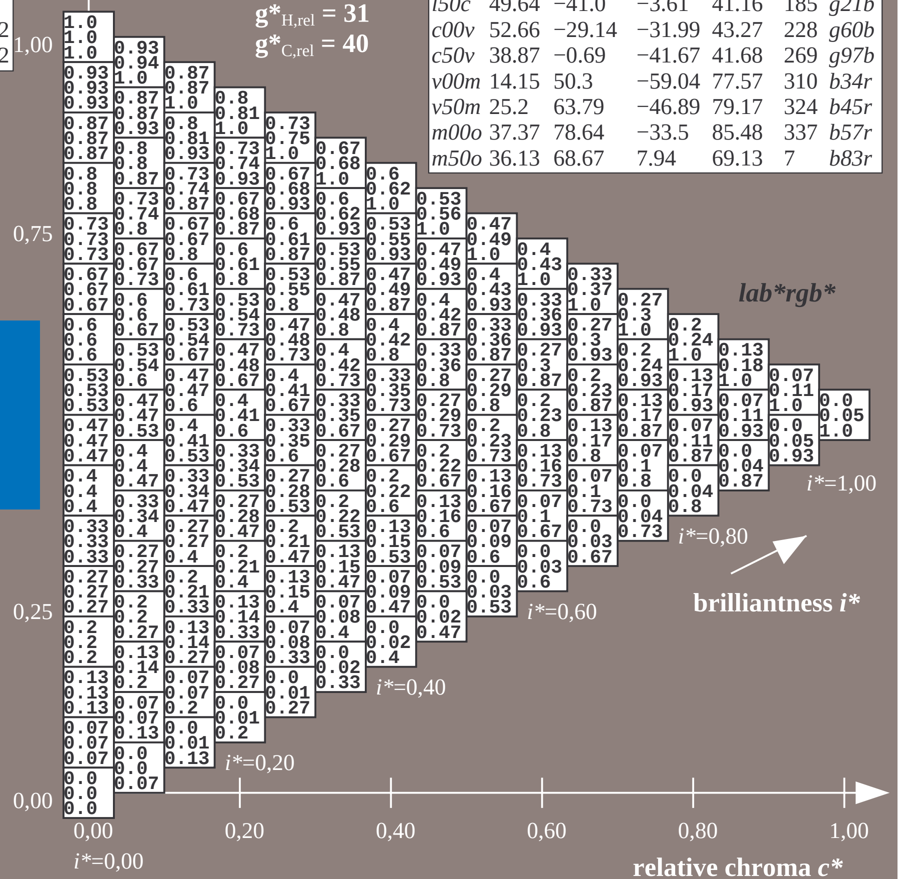
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 39 −1 −42
*LAB*LCH**$_{Ma}$: 39 42 269
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.05 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

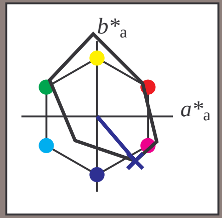
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

$u^*_d = v00m$
*lab*rgb**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

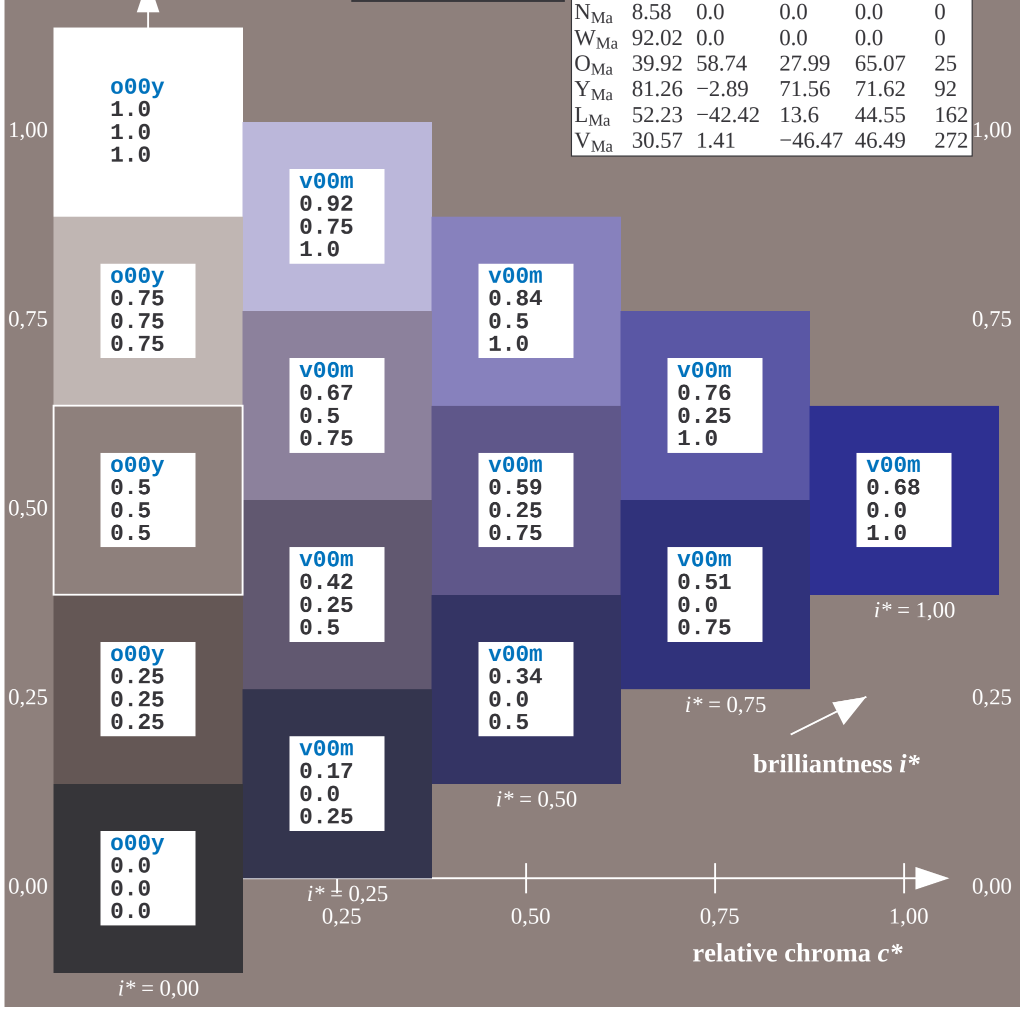


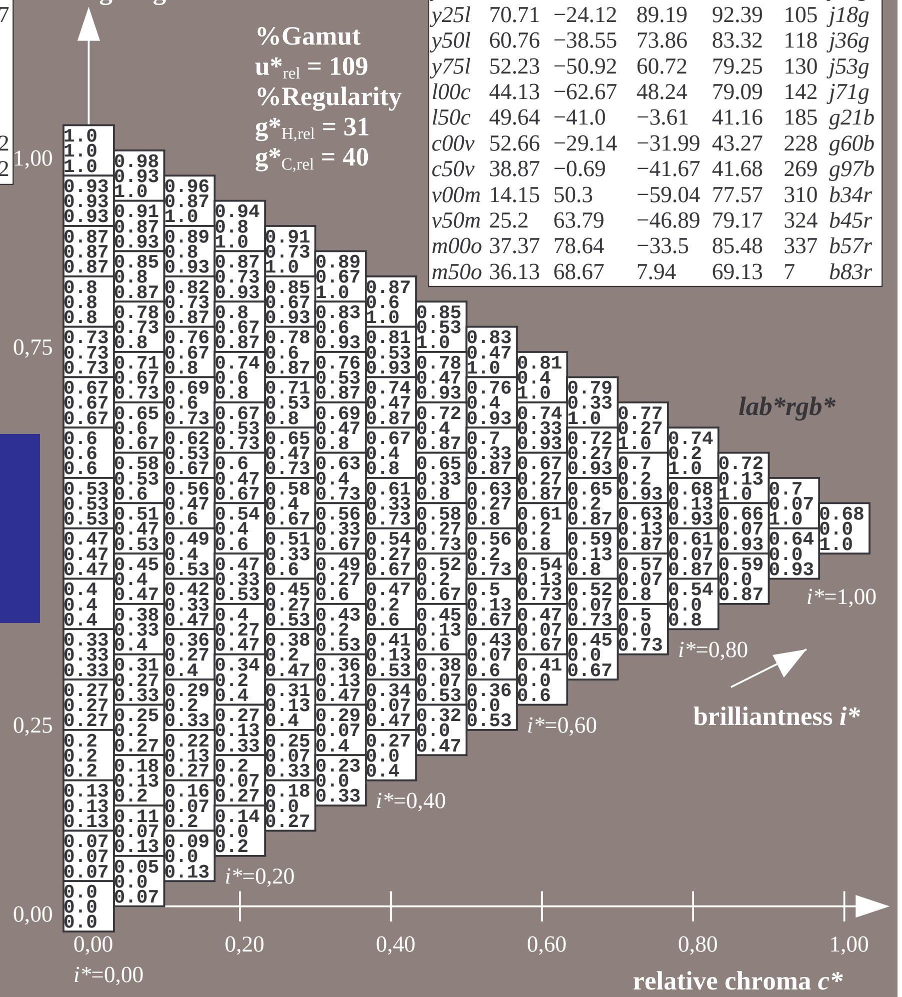
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 14 50 −59**
***$LAB^*LCH^*_{Ma}$*: 14 78 310**
***$lab^*olv^*_{Ma}$*: 0.0 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 0.68 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

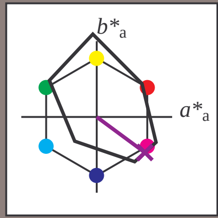
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

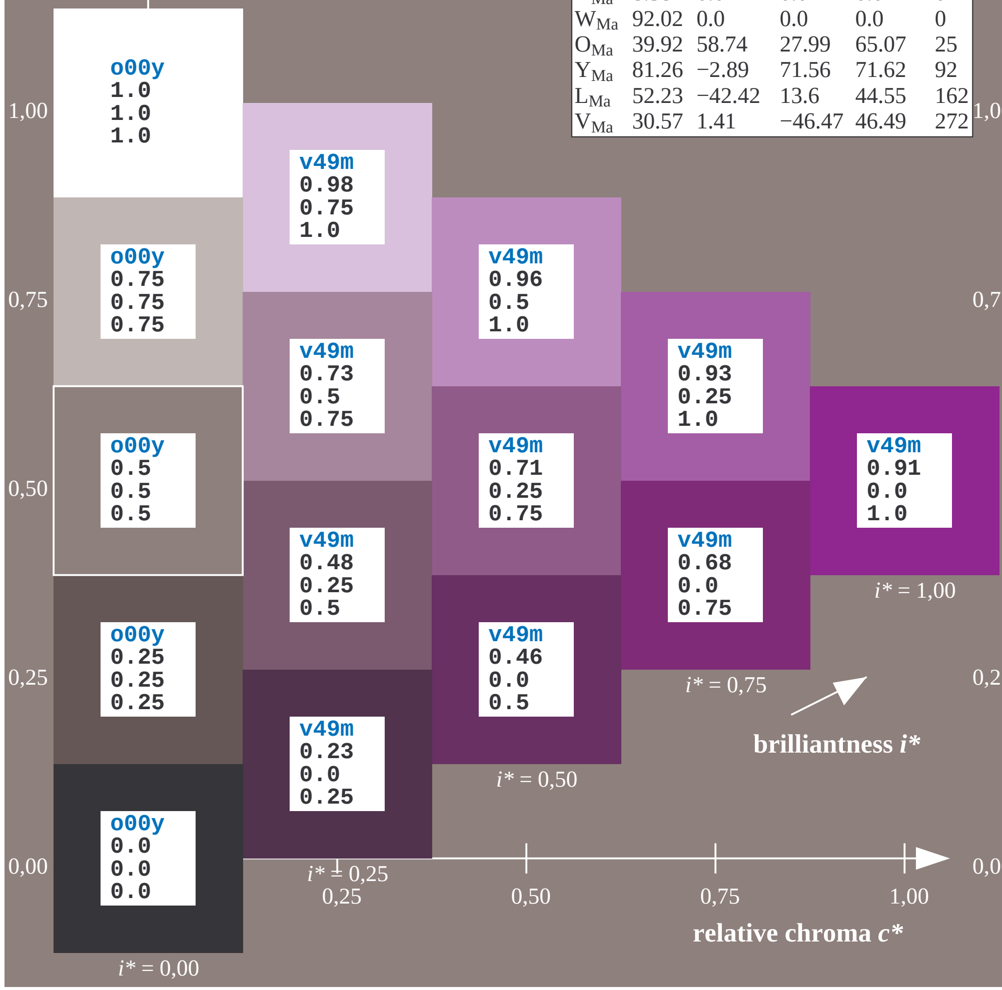
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

$u^*_d = v50m$
*lab*rgb**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



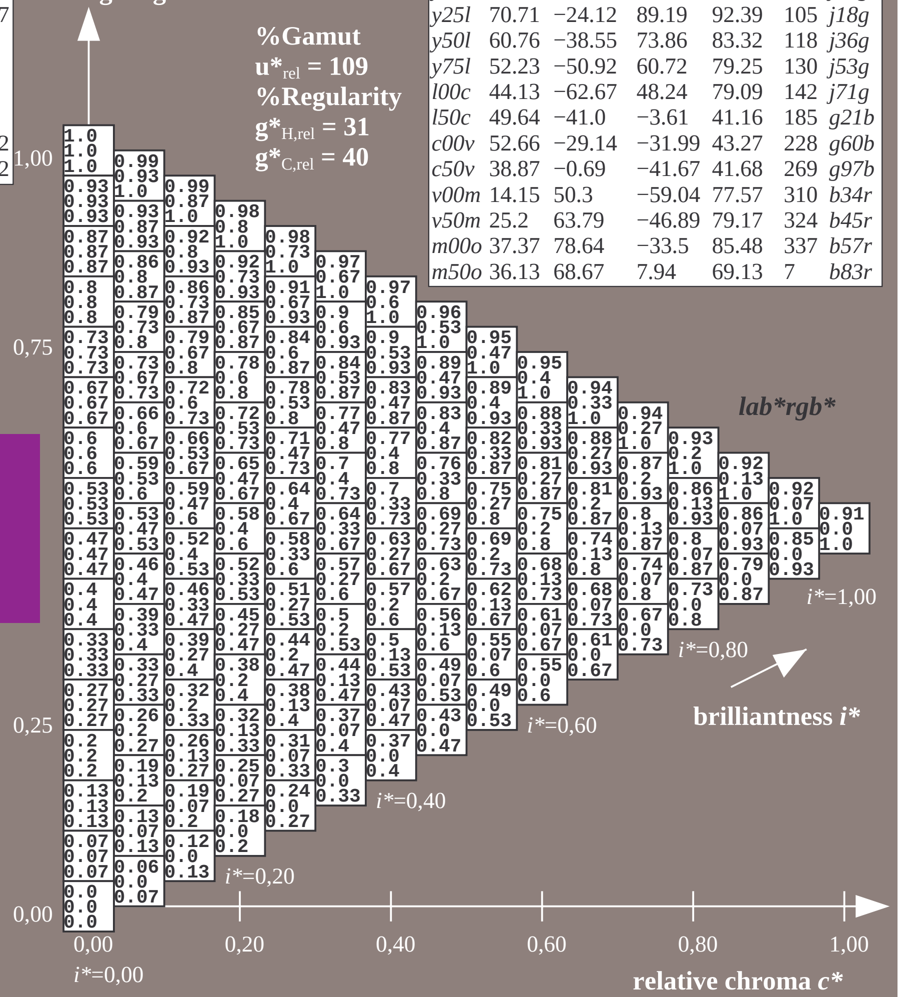
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272



Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 25 64 −47**
***$LAB^*LCH^*_{Ma}$*: 25 79 323**
***$lab^*olv^*_{Ma}$*: 0.5 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 0.91 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

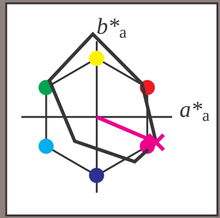
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

u^*_d = m00o
*lab*rgb**

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
u^*_d = m00o u^*_e = b57r
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

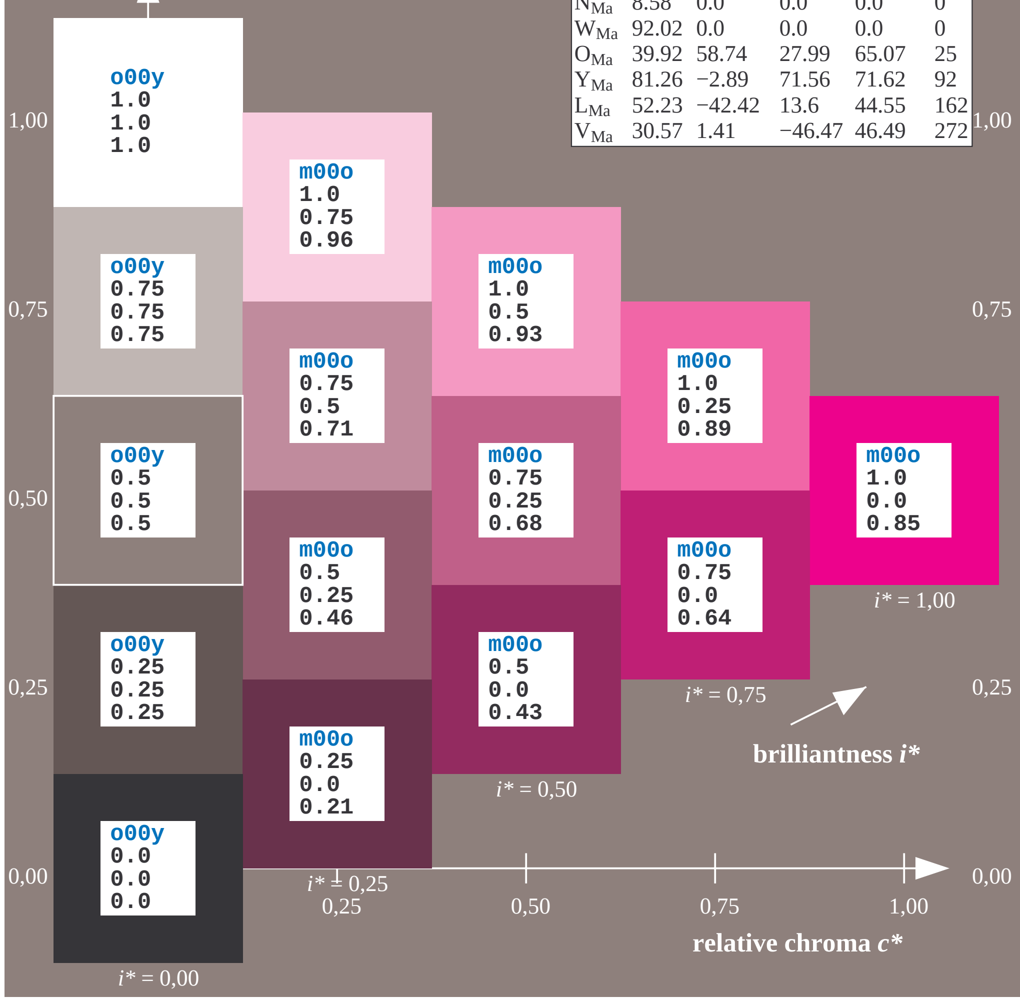


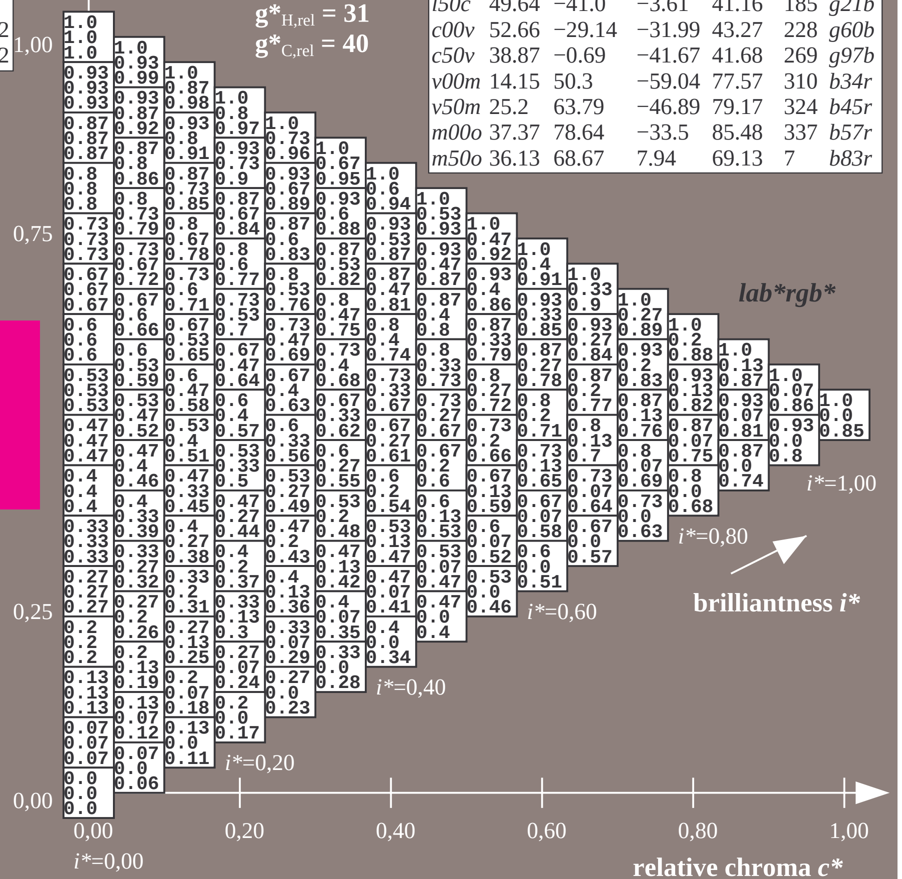
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 37 79 −34
$LAB^*LCH^*_{Ma}$: 37 85 336
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85
triangle lightness t*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

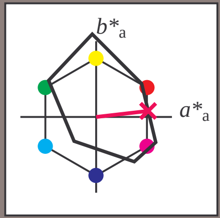
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

$u^*_d = m50o$
*lab*rgb**

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

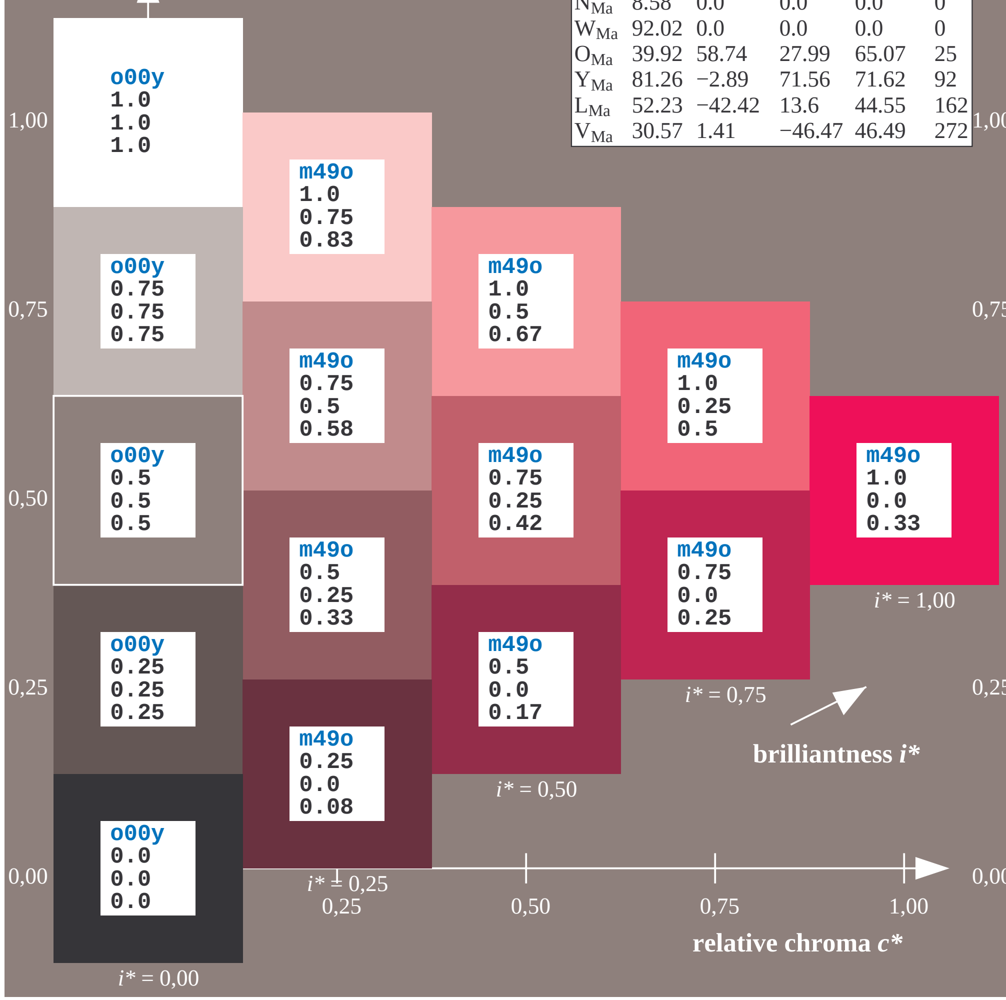


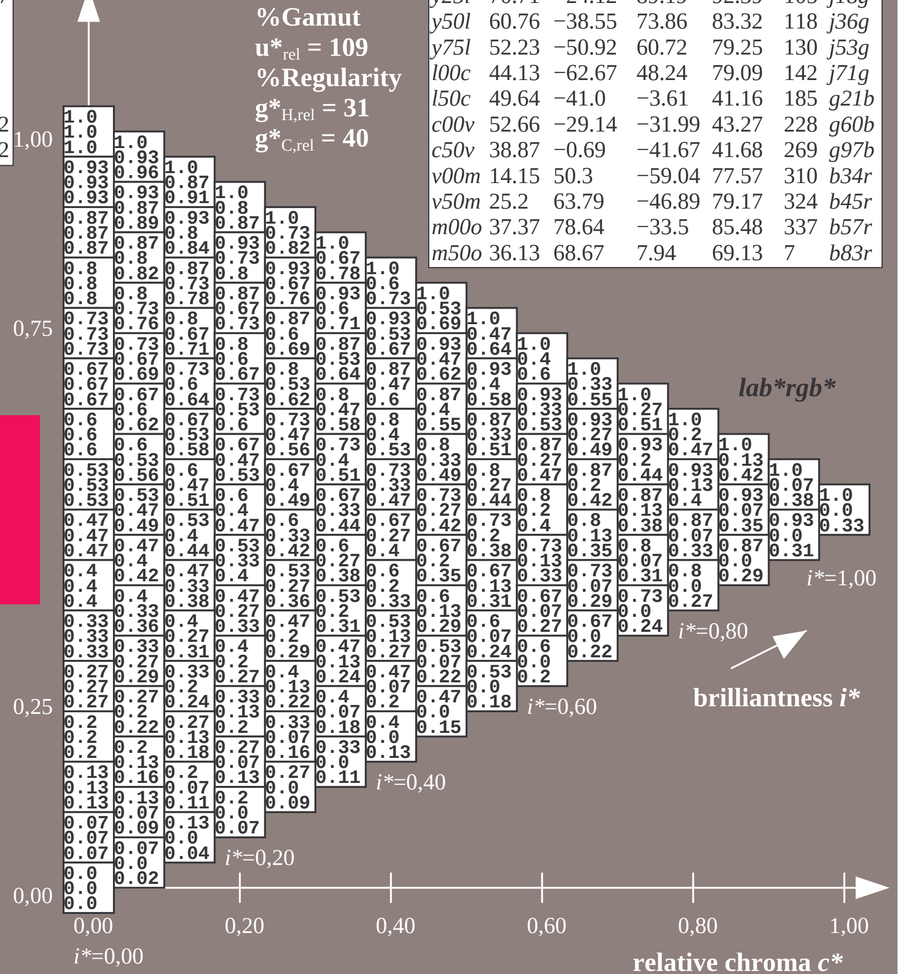
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 36 69 8
$LAB^*LCH^*_{Ma}$: 36 69 6
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
01	0.0 0.0 0.0	0.04 0.13 0.0	0.07 0.25 0.0	0.11 0.38 0.0	0.14 0.5 0.0	0.18 0.63 0.0	0.21 0.75 0.0	0.25 0.88 0.0	0.28 1.0 0.0	0.13 0.02 0.0	0.12 0.13 0.0	0.16 0.25 0.0	0.2 0.38 0.0	0.23 0.5 0.0	0.27 0.63 0.0	0.3 0.75 0.0	0.34 0.88 0.0	0.37 1.0 0.0	0.25 0.04 0.0	0.25 0.15 0.0
02	0.09 0.0 0.13	0.0 0.1 0.13	0.0 0.25 0.1	0.0 0.38 0.06	0.0 0.5 0.01	0.02 0.63 0.0	0.06 0.75 0.0	0.1 0.88 0.0	0.13 1.0 0.0	0.13 0.0 0.11	0.13 0.13 0.13	0.16 0.25 0.13	0.2 0.38 0.13	0.23 0.5 0.13	0.27 0.63 0.13	0.3 0.75 0.13	0.34 0.88 0.13	0.37 1.0 0.13	0.25 0.0 0.08	0.25 0.15 0.13
03	0.17 0.0 0.25	0.0 0.01 0.25	0.0 0.2 0.25	0.0 0.38 0.25	0.0 0.5 0.21	0.0 0.63 0.16	0.0 0.75 0.12	0.0 0.88 0.07	0.0 1.0 0.03	0.23 0.0 0.25	0.21 0.13 0.25	0.13 0.23 0.25	0.13 0.38 0.23	0.13 0.5 0.18	0.13 0.63 0.14	0.15 0.75 0.13	0.19 0.88 0.13	0.22 1.0 0.13	0.25 0.0 0.21	0.25 0.13 0.23
04	0.26 0.0 0.38	0.07 0.0 0.38	0.0 0.11 0.38	0.0 0.3 0.38	0.0 0.5 0.4	0.0 0.63 0.36	0.0 0.75 0.31	0.0 0.88 0.27	0.0 1.0 0.22	0.31 0.0 0.38	0.3 0.13 0.38	0.13 0.14 0.38	0.13 0.33 0.38	0.13 0.5 0.38	0.13 0.63 0.33	0.13 0.75 0.29	0.13 0.88 0.24	0.13 1.0 0.2	0.37 0.0 0.38	0.35 0.13 0.38
05	0.34 0.0 0.5	0.16 0.0 0.5	0.0 0.02 0.5	0.0 0.21 0.5	0.0 0.4 0.5	0.0 0.63 0.55	0.0 0.75 0.51	0.0 0.88 0.46	0.0 1.0 0.42	0.4 0.0 0.5	0.38 0.13 0.5	0.2 0.13 0.5	0.13 0.24 0.5	0.13 0.43 0.5	0.13 0.63 0.53	0.13 0.75 0.48	0.13 0.88 0.44	0.13 1.0 0.39	0.46 0.0 0.5	0.44 0.13 0.5
06	0.43 0.0 0.63	0.24 0.0 0.63	0.06 0.0 0.63	0.0 0.13 0.63	0.0 0.31 0.63	0.0 0.5 0.63	0.0 0.75 0.7	0.0 0.88 0.66	0.0 1.0 0.61	0.48 0.0 0.63	0.47 0.13 0.63	0.28 0.13 0.63	0.13 0.15 0.63	0.13 0.34 0.63	0.13 0.53 0.63	0.13 0.75 0.68	0.13 0.88 0.63	0.13 1.0 0.59	0.54 0.0 0.63	0.52 0.13 0.63
07	0.51 0.0 0.75	0.33 0.0 0.75	0.15 0.0 0.75	0.0 0.04 0.75	0.0 0.23 0.75	0.0 0.41 0.75	0.0 0.6 0.75	0.0 0.88 0.85	0.0 1.0 0.81	0.57 0.0 0.75	0.55 0.13 0.75	0.37 0.13 0.75	0.19 0.13 0.75	0.13 0.25 0.75	0.13 0.44 0.75	0.13 0.63 0.75	0.13 0.88 0.83	0.13 1.0 0.78	0.63 0.0 0.75	0.61 0.13 0.75
08	0.6 0.0 0.88	0.41 0.0 0.88	0.23 0.0 0.88	0.05 0.0 0.88	0.0 0.14 0.88	0.0 0.33 0.88	0.0 0.52 0.88	0.0 0.7 0.88	0.0 1.0 1.0	0.65 0.0 0.88	0.64 0.13 0.88	0.45 0.13 0.88	0.27 0.13 0.88	0.13 0.16 0.88	0.13 0.35 0.88	0.13 0.54 0.88	0.13 0.73 0.88	0.13 1.0 0.98	0.71 0.0 0.88	0.69 0.13 0.88
09	0.68 0.0 1.0	0.5 0.0 1.0	0.32 0.0 1.0	0.13 0.0 1.0	0.0 0.05 1.0	0.0 0.24 1.0	0.0 0.43 1.0	0.0 0.62 1.0	0.0 0.8 1.0	0.74 0.0 1.0	0.72 0.13 1.0	0.54 0.13 1.0	0.36 0.13 1.0	0.17 0.13 1.0	0.13 0.26 1.0	0.13 0.45 1.0	0.13 0.64 1.0	0.13 0.83 1.0	0.8 0.0 1.0	0.78 0.13 1.0
10	0.38 0.06 0.0	0.38 0.17 0.0	0.38 0.27 0.0	0.37 0.38 0.0	0.41 0.5 0.0	0.44 0.63 0.0	0.48 0.75 0.0	0.51 0.88 0.0	0.55 1.0 0.0	0.5 0.08 0.0	0.5 0.19 0.0	0.5 0.29 0.0	0.5 0.4 0.0	0.5 0.5 0.0	0.53 0.63 0.0	0.57 0.75 0.0	0.6 0.88 0.0	0.64 1.0 0.0	0.63 0.1 0.0	0.63 0.21 0.0
11	0.38 0.0 0.06	0.38 0.17 0.13	0.38 0.27 0.13	0.37 0.38 0.13	0.41 0.5 0.13	0.44 0.63 0.13	0.48 0.75 0.13	0.52 0.88 0.13	0.55 1.0 0.13	0.5 0.0 0.04	0.5 0.19 0.13	0.5 0.29 0.13	0.5 0.4 0.13	0.5 0.5 0.13	0.53 0.63 0.13	0.57 0.75 0.13	0.6 0.88 0.13	0.64 1.0 0.13	0.63 0.0 0.01	0.63 0.21 0.13
12	0.38 0.0 0.19	0.38 0.13 0.21	0.38 0.27 0.25	0.37 0.38 0.25	0.41 0.5 0.25	0.45 0.63 0.25	0.48 0.75 0.25	0.52 0.88 0.25	0.55 1.0 0.25	0.5 0.0 0.17	0.5 0.13 0.18	0.5 0.29 0.25	0.5 0.4 0.25	0.5 0.5 0.25	0.53 0.63 0.25	0.57 0.75 0.25	0.6 0.88 0.25	0.64 1.0 0.25	0.63 0.0 0.14	0.63 0.13 0.16
13	0.38 0.0 0.32	0.38 0.13 0.34	0.38 0.25 0.36	0.38 0.38 0.38	0.41 0.5 0.38	0.45 0.63 0.38	0.48 0.75 0.38	0.52 0.88 0.38	0.55 1.0 0.38	0.5 0.0 0.3	0.5 0.13 0.31	0.5 0.25 0.33	0.5 0.4 0.38	0.5 0.5 0.38	0.53 0.63 0.38	0.57 0.75 0.38	0.61 0.88 0.38	0.64 1.0 0.38	0.63 0.0 0.27	0.63 0.13 0.29
14	0.5 0.0 0.49	0.5 0.13 0.5	0.48 0.25 0.5	0.46 0.38 0.5	0.38 0.48 0.5	0.38 0.63 0.48	0.38 0.75 0.43	0.38 0.88 0.39	0.4 1.0 0.38	0.5 0.0 0.43	0.5 0.13 0.45	0.5 0.25 0.46	0.5 0.38 0.48	0.5 0.5 0.5	0.54 0.63 0.5	0.57 0.75 0.5	0.61 0.88 0.5	0.64 1.0 0.5	0.63 0.0 0.4	0.63 0.13 0.42
15	0.6 0.0 0.63	0.58 0.13 0.63	0.56 0.25 0.63	0.55 0.38 0.63	0.38 0.39 0.63	0.38 0.58 0.63	0.38 0.75 0.63	0.38 0.88 0.58	0.38 1.0 0.54	0.63 0.0 0.59	0.63 0.13 0.61	0.62 0.25 0.63	0.6 0.38 0.63	0.59 0.5 0.63	0.5 0.6 0.63	0.5 0.75 0.6	0.5 0.88 0.56	0.5 1.0 0.51	0.63 0.0 0.53	0.63 0.13 0.55
16	0.68 0.0 0.75	0.67 0.13 0.75	0.65 0.25 0.75	0.63 0.38 0.75	0.45 0.38 0.75	0.38 0.49 0.75	0.38 0.68 0.75	0.38 0.88 0.78	0.38 1.0 0.73	0.74 0.0 0.75	0.72 0.13 0.75	0.71 0.25 0.75	0.69 0.38 0.75	0.67 0.5 0.75	0.5 0.51 0.75	0.5 0.7 0.75	0.5 0.88 0.75	0.5 1.0 0.71	0.75 0.0 0.7	0.75 0.13 0.72
17	0.77 0.0 0.88	0.75 0.13 0.88	0.73 0.25 0.88	0.72 0.38 0.88	0.53 0.38 0.88	0.38 0.4 0.88	0.38 0.59 0.88	0.38 0.78 0.88	0.38 1.0 0.93	0.83 0.0 0.88	0.81 0.13 0.88	0.79 0.25 0.88	0.77 0.38 0.88	0.76 0.5 0.88	0.57 0.5 0.88	0.5 0.61 0.88	0.5 0.8 0.88	0.5 1.0 0.9	0.88 0.0 0.86	0.87 0.13 0.88
18	0.86 0.0 1.0	0.84 0.13 1.0	0.82 0.25 1.0	0.8 0.38 1.0	0.62 0.38 1.0	0.44 0.38 1.0	0.38 0.5 1.0	0.38 0.69 1.0	0.38 0.88 1.0	0.91 0.0 1.0	0.9 0.13 1.0	0.88 0.25 1.0	0.86 0.38 1.0	0.84 0.5 1.0	0.66 0.5 1.0	0.5 0.52 1.0	0.5 0.71 1.0	0.5 0.9 1.0	0.97 0.0 1.0	0.95 0.13 1.0
19	0.75 0.12 0.0	0.75 0.23 0.0	0.75 0.33 0.0	0.75 0.44 0.0	0.75 0.54 0.0	0.75 0.65 0.0	0.75 0.75 0.0	0.78 0.88 0.0	0.82 1.0 0.0	0.88 0.14 0.0	0.88 0.25 0.0	0.88 0.35 0.0	0.88 0.46 0.0	0.88 0.56 0.0	0.88 0.67 0.0	0.88 0.77 0.0	0.87 0.88 0.0	0.91 1.0 0.0	1.0 0.16 0.0	1.0 0.27 0.0
20	0.75 0.01 0.0	0.75 0.23 0.13	0.75 0.33 0.13	0.75 0.44 0.13	0.75 0.54 0.13	0.75 0.65 0.13	0.75 0.75 0.13	0.78 0.88 0.13	0.82 1.0 0.13	0.88 0.03 0.0	0.88 0.25 0.13	0.88 0.35 0.13	0.88 0.46 0.13	0.88 0.56 0.13	0.88 0.67 0.13	0.88 0.77 0.13	0.87 0.88 0.13	0.91 1.0 0.13	1.0 0.05 0.0	1.0 0.27 0.13
21	0.75 0.0 0.12	0.75 0.13 0.14	0.75 0.33 0.25	0.75 0.44 0.25	0.75 0.54 0.25	0.75 0.65 0.25	0.75 0.75 0.25	0.78 0.88 0.25	0.82 1.0 0.25	0.88 0.0 0.09	0.88 0.13 0.13	0.88 0.35 0.25	0.88 0.46 0.25	0.88 0.56 0.25	0.88 0.67 0.25	0.88 0.77 0.25	0.87 0.88 0.25	0.91 1.0 0.25	1.0 0.0 0.07	1.0 0.16 0.13
22	0.75 0.0 0.25	0.75 0.13 0.27	0.75 0.25 0.29	0.75 0.44 0.38	0.75 0.54 0.38	0.75 0.65 0.38	0.75 0.75 0.38	0.78 0.88 0.38	0.82 1.0 0.38	0.88 0.0 0.23	0.88 0.13 0.24	0.88 0.25 0.26	0.88 0.46 0.38	0.88 0.56 0.38	0.88 0.67 0.38	0.88 0.77 0.38	0.87 0.88 0.38	0.91 1.0 0.38	1.0 0.0 0.2	1.0 0.13 0.22
23	0.75 0.0 0.38	0.75 0.13 0.4	0.75 0.25 0.42	0.75 0.38 0.43	0.75 0.54 0.5	0.75 0.65 0.5	0.75 0.75 0.5	0.78 0.88 0.5	0.82 1.0 0.5	0.88 0.0 0.36	0.88 0.13 0.37	0.88 0.25 0.39	0.88 0.38 0.41	0.88 0.56 0.5	0.88 0.67 0.5	0.88 0.77 0.5	0.87 0.88 0.5	0.91 1.0 0.5	1.0 0.0 0.33	1.0 0.13 0.35
24	0.75 0.0 0.51	0.75 0.13 0.53	0.75 0.25 0.55	0.75 0.38 0.56	0.75 0.5 0.58	0.75 0.65 0.63	0.75 0.75 0.63	0.78 0.88 0.63	0.82 1.0 0.63	0.88 0.0 0.49	0.88 0.13 0.5	0.88 0.25 0.52	0.88 0.38 0.54	0.88 0.5 0.56	0.88 0.67 0.63	0.88 0.77 0.63	0.87 0.88 0.63	0.91 1.0 0.63	1.0 0.0 0.46	1.0 0.13 0.48
25	0.75 0.0 0.64	0.75 0.13 0.66	0.75 0.25 0.68	0.75 0.38 0.7	0.75 0.5 0.71	0.75 0.63 0.73	0.75 0.75 0.75	0.79 0.88 0.75	0.82 1.0 0.75	0.88 0.0 0.62	0.88 0.13 0.63	0.88 0.25 0.65	0.88 0.38 0.67	0.88 0.5 0.69	0.88 0.63 0.71	0.88 0.77 0.75	0.87 0.88 0.75	0.91 1.0 0.75	1.0 0.0 0.59	1.0 0.13 0.61
26	0.88 0.0 0.81	0.88 0.13 0.82	0.88 0.25 0.84	0.88 0.38 0.86	0.87 0.5 0.88	0.85 0.63 0.88	0.84 0.75 0.88	0.75 0.85 0.88	0.75 1.0 0.85	0.88 0.0 0.75	0.88 0.13 0.77	0.88 0.25 0.78	0.88 0.38 0.8	0.88 0.5 0.82	0.88 0.63 0.84	0.88 0.75 0.86	0.88 0.88 0.88	0.91 1.0 0.88	1.0 0.0 0.72	1.0 0.13 0.74
27	1.0 0.0 0.97	1.0 0.13 0.99	0.99 0.25 1.0	0.97 0.38 1.0	0.96 0.5 1.0	0.94 0.63 1.0	0.92 0.75 1.0	0.75 0.76 1.0	0.75 0.95 1.0	1.0 0.0 0.91	1.0 0.13 0.93	1.0 0.25 0.95	1.0 0.38 0.97	1.0 0.5 0.99	1.0 0.63 1.0	0.98 0.75 1.0	0.96 0.88 1.0	0.88 0.98 1.0	1.0 0.0 0.85	1.0 0.13 0.87

	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	*lab*rgb**		
01	0.25 0.25 0.0	0.28 0.38 0.0	0.32 0.5 0.0	0.35 0.63 0.0	0.39 0.75 0.0	0.43 0.88 0.0	0.46 1.0 0.0	1.0 1.0 1.0	1.0 0.9 0.88	1.0 0.79 0.75	1.0 0.69 0.63	1.0 0.58 0.5	1.0 0.48 0.38	1.0 0.37 0.25	1.0 0.27 0.13	1.0 0.16 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	0.25 0.25 0.13	0.28 0.38 0.13	0.32 0.5 0.13	0.36 0.63 0.13	0.39 0.75 0.13	0.43 0.88 0.13	0.46 1.0 0.13	0.88 0.98 1.0	0.88 0.88 0.88	0.88 0.77 0.75	0.88 0.67 0.63	0.88 0.56 0.5	0.88 0.46 0.38	0.88 0.35 0.25	0.88 0.25 0.13	0.88 0.14 0.0	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
03	0.25 0.25 0.25	0.29 0.38 0.25	0.32 0.5 0.25	0.36 0.63 0.25	0.39 0.75 0.25	0.43 0.88 0.25	0.46 1.0 0.25	0.75 0.95 1.0	0.75 0.85 0.88	0.75 0.75 0.75	0.75 0.65 0.63	0.75 0.54 0.5	0.75 0.44 0.38	0.75 0.33 0.25	0.75 0.23 0.13	0.75 0.12 0.0	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25
04	0.34 0.25 0.38	0.25 0.35 0.38	0.25 0.5 0.35	0.25 0.63 0.31	0.25 0.75 0.26	0.27 0.88 0.25	0.31 1.0 0.25	0.63 0.93 1.0	0.63 0.83 0.88	0.63 0.73 0.75	0.63 0.63 0.63	0.63 0.52 0.5	0.63 0.42 0.38	0.63 0.31 0.25	0.63 0.21 0.13	0.63 0.1 0.0	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38
05	0.42 0.25 0.5	0.25 0.26 0.5	0.25 0.45 0.5	0.25 0.63 0.5	0.25 0.75 0.46	0.25 0.88 0.41	0.25 1.0 0.37	0.5 0.9 1.0	0.5 0.8 0.88	0.5 0.7 0.75	0.5 0.6 0.63	0.5 0.5 0.5	0.5 0.4 0.38	0.5 0.29 0.25	0.5 0.19 0.13	0.5 0.08 0.0	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5
06	0.51 0.25 0.63	0.32 0.25 0.63	0.25 0.36 0.63	0.25 0.55 0.63	0.25 0.75 0.65	0.25 0.88 0.61	0.25 1.0 0.56	0.38 0.88 1.0	0.38 0.78 0.88	0.38 0.68 0.75	0.38 0.58 0.63	0.38 0.48 0.5	0.38 0.38 0.38	0.38 0.27 0.25	0.38 0.17 0.13	0.38 0.06 0.0	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63
07	0.59 0.25 0.75	0.41 0.25 0.75	0.25 0.27 0.75	0.25 0.46 0.75	0.25 0.65 0.75	0.25 0.88 0.8	0.25 1.0 0.76	0.25 0.85 1.0	0.25 0.75 0.88	0.25 0.65 0.75	0.25 0.55 0.63	0.25 0.45 0.5	0.25 0.35 0.38	0.25 0.25 0.25	0.25 0.15 0.13	0.25 0.04 0.0	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75
08	0.68 0.25 0.88	0.49 0.25 0.88	0.31 0.25 0.88	0.25 0.38 0.88	0.25 0.56 0.88	0.25 0.75 0.88	0.25 1.0 0.95	0.13 0.83 1.0	0.13 0.73 0.88	0.13 0.63 0.75	0.13 0.53 0.63	0.13 0.43 0.5	0.13 0.33 0.38	0.13 0.23 0.25	0.13 0.13 0.13	0.13 0.02 0.0	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88
09	0.76 0.25 1.0	0.58 0.25 1.0	0.4 0.25 1.0	0.25 0.29 1.0	0.25 0.48 1.0	0.25 0.66 1.0	0.25 0.85 1.0	0.0 0.8 1.0	0.0 0.7 0.88	0.0 0.6 0.75	0.0 0.5 0.63	0.0 0.4 0.5	0.0 0.3 0.38	0.0 0.2 0.25	0.0 0.1 0.13	0.0 0.0 0.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
10	0.63 0.31 0.0	0.63 0.42 0.0	0.63 0.52 0.0	0.62 0.63 0.0	0.66 0.75 0.0	0.69 0.88 0.0	0.73 1.0 0.0	1.0 1.0 1.0	1.0 1.0 0.88	1.0 1.0 0.75	1.0 1.0 0.63	1.0 1.0 0.5	1.0 1.0 0.38	1.0 1.0 0.25	1.0 1.0 0.13	0.99 1.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
11	0.63 0.31 0.13	0.63 0.42 0.13	0.63 0.52 0.13	0.62 0.63 0.13	0.66 0.75 0.13	0.69 0.88 0.13	0.73 1.0 0.13	0.96 0.88 1.0	0.88 0.88 0.88	0.87 0.88 0.75	0.87 0.88 0.63	0.87 0.88 0.5	0.87 0.88 0.38	0.87 0.88 0.25	0.87 0.88 0.13	0.87 0.88 0.0	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07
12	0.63 0.31 0.25	0.63 0.42 0.25	0.63 0.52 0.25	0.62 0.63 0.25	0.66 0.75 0.25	0.69 0.88 0.25	0.73 1.0 0.25	0.92 0.75 1.0	0.84 0.75 0.88	0.75 0.75 0.75	0.75 0.75 0.63	0.75 0.75 0.5	0.75 0.75 0.38	0.75 0.75 0.25	0.75 0.75 0.13	0.75 0.75 0.0	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
13	0.63 0.25 0.31	0.63 0.42 0.38	0.63 0.52 0.38	0.62 0.63 0.38	0.66 0.75 0.38	0.69 0.88 0.38	0.73 1.0 0.38	0.88 0.63 1.0	0.8 0.63 0.88	0.71 0.63 0.75	0.63 0.63 0.63	0.62 0.63 0.5	0.62 0.63 0.38	0.62 0.63 0.25	0.62 0.63 0.13	0.62 0.63 0.0	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2
14	0.63 0.25 0.44	0.63 0.38 0.46	0.63 0.52 0.5	0.62 0.63 0.5	0.66 0.75 0.5	0.7 0.88 0.5	0.73 1.0 0.5	0.84 0.5 1.0	0.76 0.5 0.88	0.67 0.5 0.75	0.59 0.5 0.63	0.5 0.5 0.5	0.5 0.5 0.38	0.5 0.5 0.25	0.5 0.5 0.13	0.5 0.5 0.0	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27
15	0.63 0.25 0.57	0.63 0.38 0.59	0.63 0.5 0.61	0.63 0.63 0.63	0.66 0.75 0.63	0.7 0.88 0.63	0.73 1.0 0.63	0.8 0.38 1.0	0.72 0.38 0.88	0.63 0.38 0.75	0.55 0.38 0.63	0.46 0.38 0.5	0.38 0.38 0.38	0.37 0.38 0.25	0.37 0.38 0.13	0.37 0.38 0.0	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33
16	0.75 0.25 0.74	0.75 0.38 0.75	0.73 0.5 0.75	0.71 0.63 0.75	0.63 0.73 0.75	0.63 0.88 0.73	0.63 1.0 0.68	0.76 0.25 1.0	0.68 0.25 0.88	0.59 0.25 0.75	0.51 0.25 0.63	0.42 0.25 0.5	0.34 0.25 0.38	0.25 0.25 0.25	0.25 0.25 0.13	0.25 0.25 0.0	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4
17	0.85 0.25 0.88	0.83 0.38 0.88	0.81 0.5 0.88	0.8 0.63 0.88	0.63 0.64 0.88	0.63 0.83 0.88	0.63 1.0 0.88	0.72 0.13 1.0	0.64 0.13 0.88	0.55 0.13 0.75	0.47 0.13 0.63	0.38 0.13 0.5	0.3 0.13 0.38	0.21 0.13 0.25	0.13 0.13 0.13	0.12 0.13 0.0	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47
18	0.93 0.25 1.0	0.92 0.38 1.0	0.9 0.5 1.0	0.88 0.63 1.0	0.7 0.63 1.0	0.63 0.74 1.0	0.63 0.93 1.0	0.68 0.0 1.0	0.6 0.0 0.88	0.51 0.0 0.75	0.43 0.0 0.63	0.34 0.0 0.5	0.26 0.0 0.38	0.17 0.0 0.25	0.09 0.0 0.13	0.0 0.0 0.0	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53
19	1.0 0.37 0.0	1.0 0.48 0.0	1.0 0.58 0.0	1.0 0.69 0.0	1.0 0.79 0.0	1.0 0.9 0.0	0.99 1.0 0.0	1.0 1.0 1.0	0.91 1.0 0.88	0.82 1.0 0.75	0.73 1.0 0.63	0.64 1.0 0.5	0.55 1.0 0.38	0.46 1.0 0.25	0.37 1.0 0.13	0.28 1.0 0.0	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6
20	1.0 0.37 0.13	1.0 0.48 0.13	1.0 0.58 0.13	1.0 0.69 0.13	1.0 0.79 0.13	1.0 0.9 0.13	1.0 1.0 0.13	1.0 0.88 0.98	0.88 0.88 0.88	0.79 0.88 0.75	0.7 0.88 0.63	0.61 0.88 0.5	0.52 0.88 0.38	0.43 0.88 0.25	0.34 0.88 0.13	0.25 0.88 0.0	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67
21	1.0 0.37 0.25	1.0 0.48 0.25	1.0 0.58 0.25	1.0 0.69 0.25	1.0 0.79 0.25	1.0 0.9 0.25	1.0 1.0 0.25	1.0 0.75 0.96	0.88 0.75 0.86	0.75 0.75 0.75	0.66 0.75 0.63	0.57 0.75 0.5	0.48 0.75 0.38	0.39 0.75 0.25	0.3 0.75 0.13	0.21 0.75 0.0	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73
22	1.0 0.26 0.25	1.0 0.48 0.38	1.0 0.58 0.38	1.0 0.69 0.38	1.0 0.79 0.38	1.0 0.9 0.38	1.0 1.0 0.38	1.0 0.63 0.95	0.88 0.63 0.84	0.75 0.63 0.73	0.63 0.63 0.63	0.54 0.63 0.5	0.45 0.63 0.38	0.36 0.63 0.25	0.27 0.63 0.13	0.18 0.63 0.0	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8
23	1.0 0.25 0.37	1.0 0.38 0.39	1.0 0.58 0.5	1.0 0.69 0.5	1.0 0.79 0.5	1.0 0.9 0.5	1.0 1.0 0.5	1.0 0.5 0.93	0.88 0.5 0.82	0.75 0.5 0.71	0.63 0.5 0.61	0.5 0.5 0.5	0.41 0.5 0.38	0.32 0.5 0.25	0.23 0.5 0.13	0.14 0.5 0.0	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87
24	1.0 0.25 0.5	1.0 0.38 0.52	1.0 0.5 0.54	1.0 0.69 0.63	1.0 0.79 0.63	1.0 0.9 0.63	1.0 1.0 0.63	1.0 0.38 0.91	0.88 0.38 0.8	0.75 0.38 0.7	0.63 0.38 0.59	0.5 0.38 0.48	0.38 0.38 0.38	0.29 0.38 0.25	0.2 0.38 0.13	0.11 0.38 0.0	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93
25	1.0 0.25 0.63	1.0 0.38 0.65	1.0 0.5 0.67	1.0 0.63 0.68	1.0 0.79 0.75	1.0 0.9 0.75	1.0 1.0 0.75	1.0 0.25 0.89	0.88 0.25 0.78	0.75 0.25 0.68	0.63 0.25 0.57	0.5 0.25 0.46	0.38 0.25 0.36	0.25 0.25 0.25	0.16 0.25 0.13	0.07 0.25 0.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
26	1.0 0.25 0.76	1.0 0.38 0.78	1.0 0.5 0.8	1.0 0.63 0.81	1.0 0.75 0.83	1.0 0.9 0.88	1.0 1.0 0.88	1.0 0.13 0.87	0.88 0.13 0.77	0.75 0.13 0.66	0.63 0.13 0.55	0.5 0.13 0.45	0.38 0.13 0.34	0.25 0.13 0.23	0.13 0.13 0.13	0.04 0.13 0.0	0.0 0.0 0.0	1.0 0.16 0.0	0.99 1.0 0.0	0.28 1.0 0.0
27	1.0 0.25 0.89	1.0 0.38 0.91	1.0 0.5 0.93	1.0 0.63 0.95	1.0 0.75 0.96	1.0 0.88 0.98	1.0 1.0 1.0	1.0 0.0 0.85	0.88 0.0 0.75	0.75 0.0 0.64	0.63 0.0 0.53	0.5 0.0 0.43	0.38 0.0 0.32	0.25 0.0 0.21	0.13 0.0 0.11	0.0 0.0 0.0	1.0 1.0 1.0	0.0 0.8 1.0	0.68 0.0 1.0	1.0 0.0 0.85

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

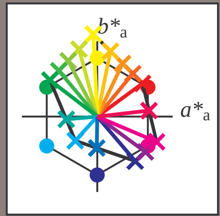
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

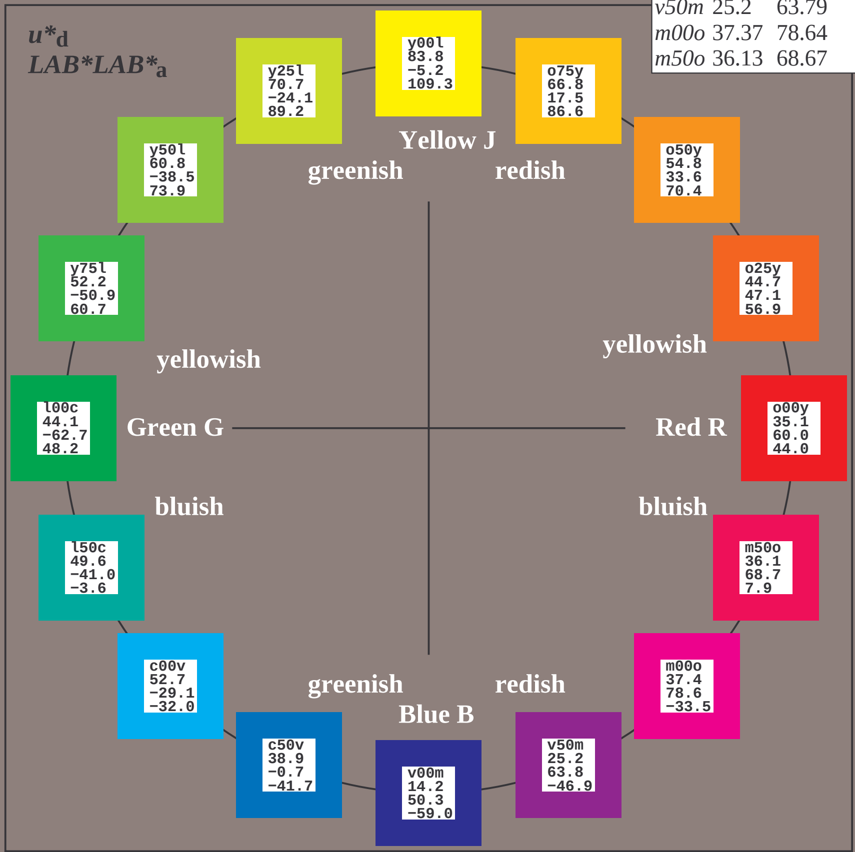
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

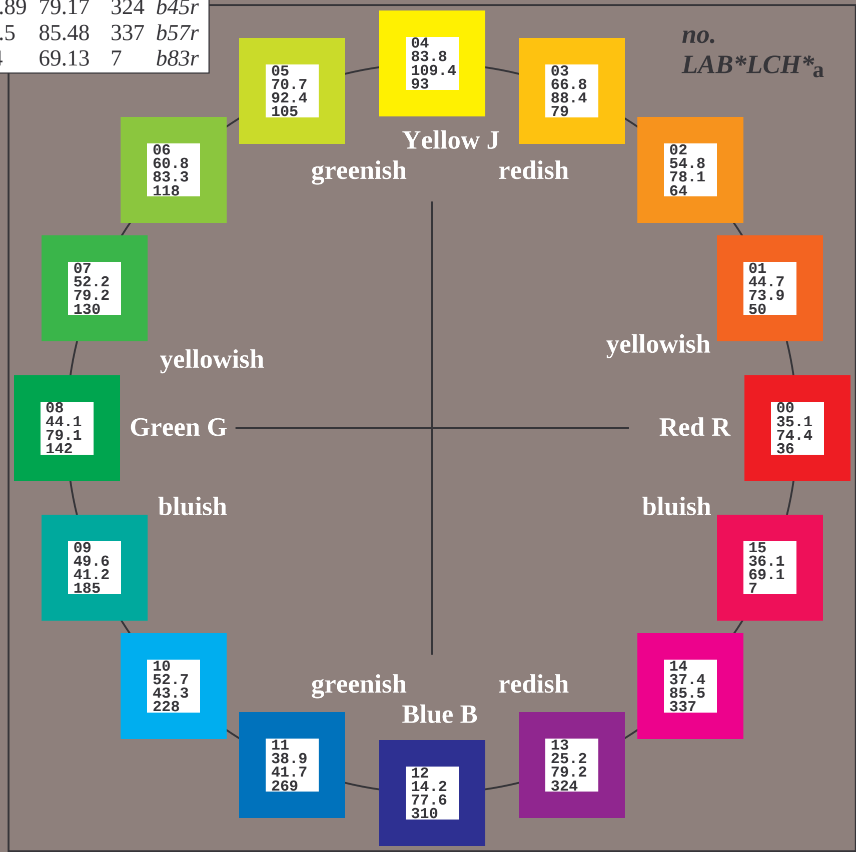


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





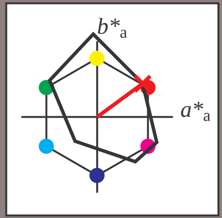
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

$u^*_d = o00y$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

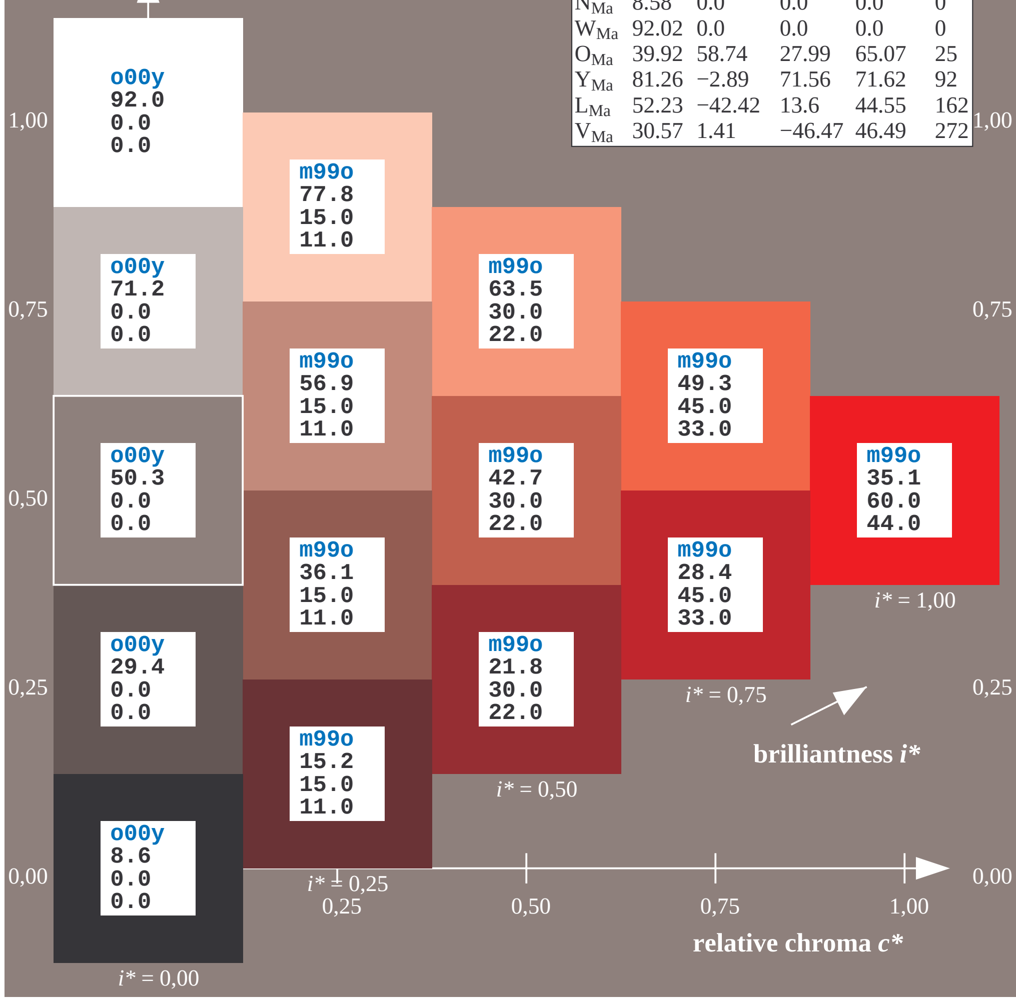


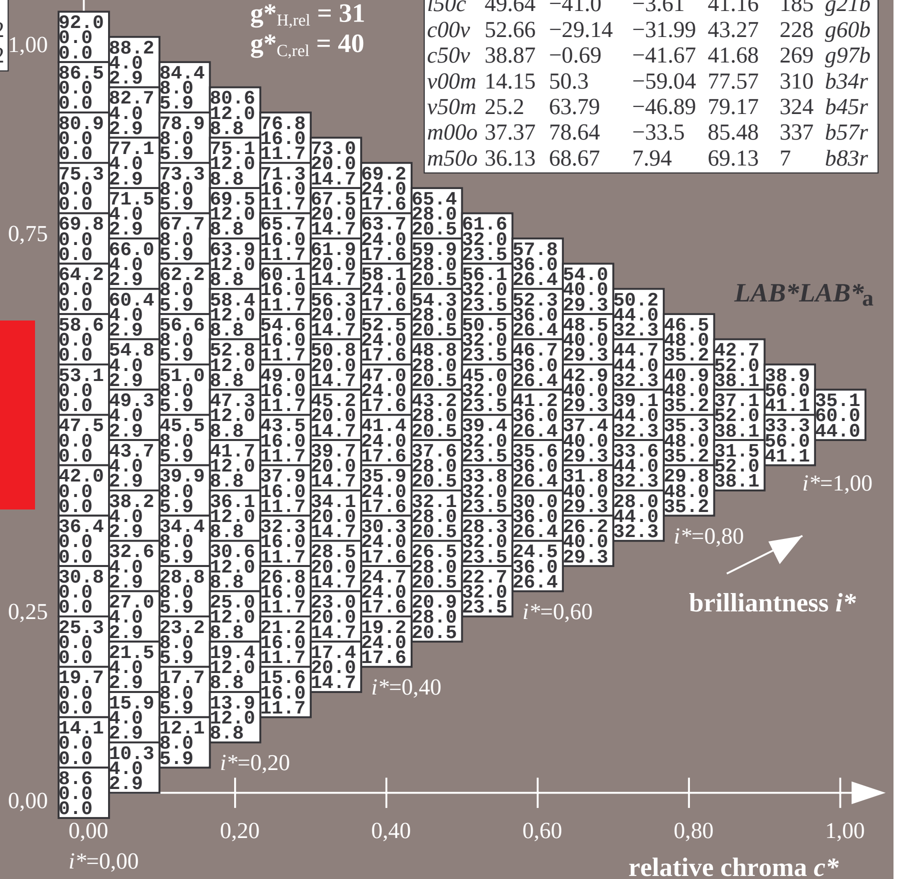
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
FRS09_92a; adapted (a) CIELAB data					
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 60 44
$LAB^*LCH^*_{Ma}$: 35 74 36
$lab^*olv^*_{Ma}$: 1.0 0.0 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
FRS09_92a; adapted (a) CIELAB data						
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





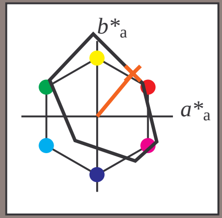
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

u^*_d = o25y
*LAB*LAB*$_a$*

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o25y u^*_e = r37j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

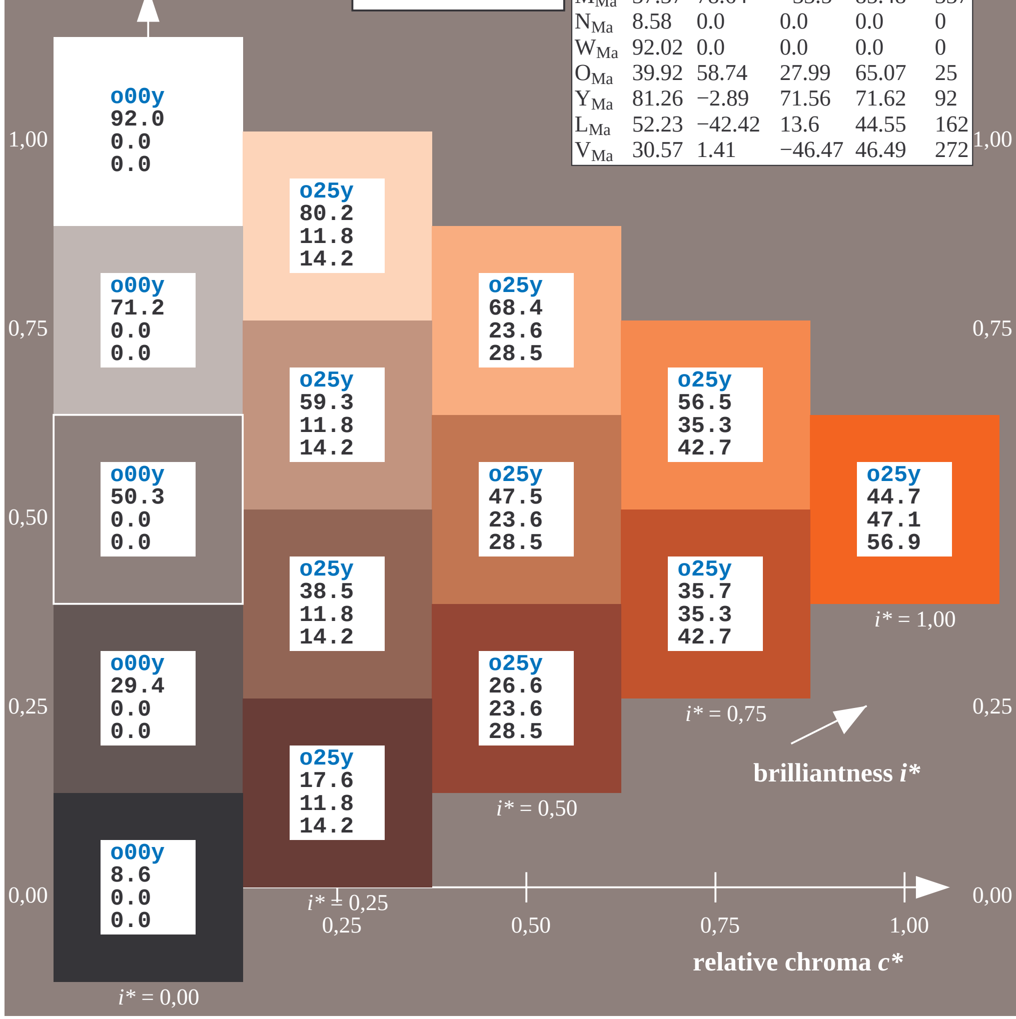


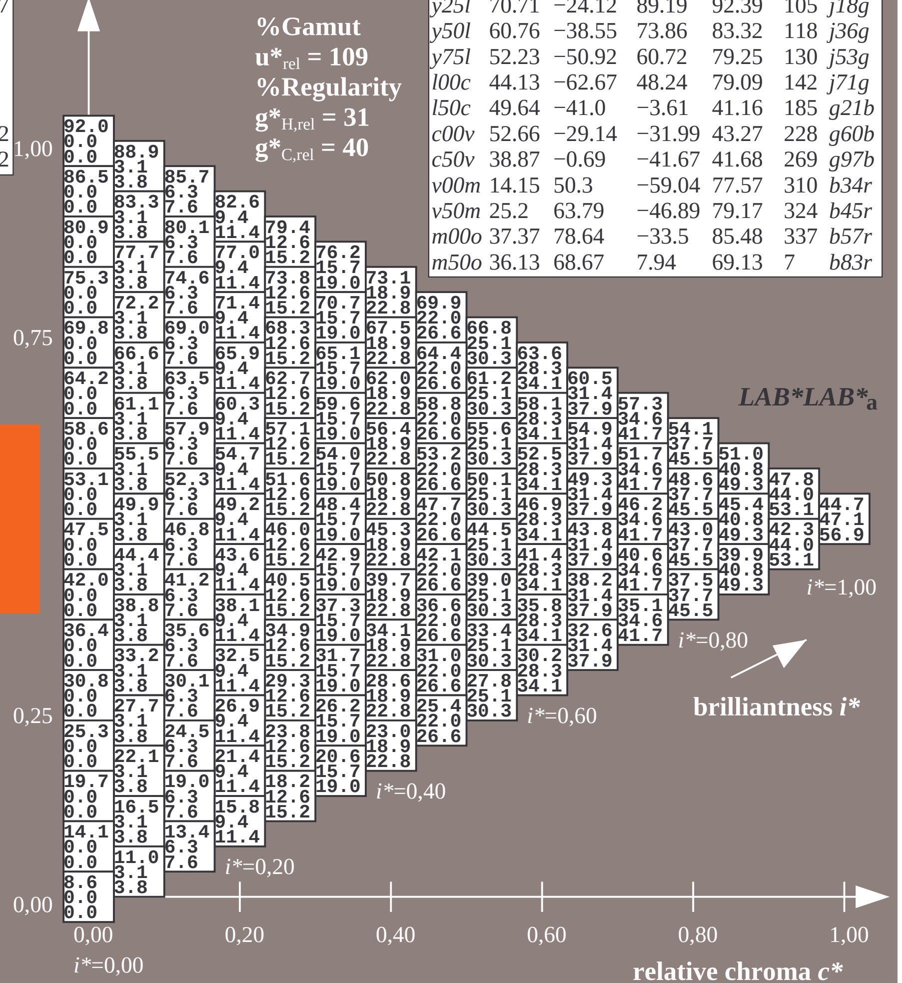
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 45 47 57**
***LAB*LCH*$_{Ma}$*: 45 74 50**
***lab*olv*$_{Ma}$*: 1.0 0.25 0.0**
***lab*rgb*$_{Ma}$*: 1.0 0.37 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



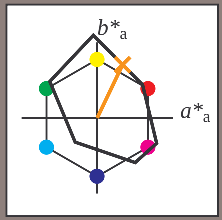


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$ *$u^*_d = o50y$*

data for any colour: *lab*tch* and lab*icu**
Hue texts: *$u^*_d = o50y$ $u^*_e = r58j$*
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*



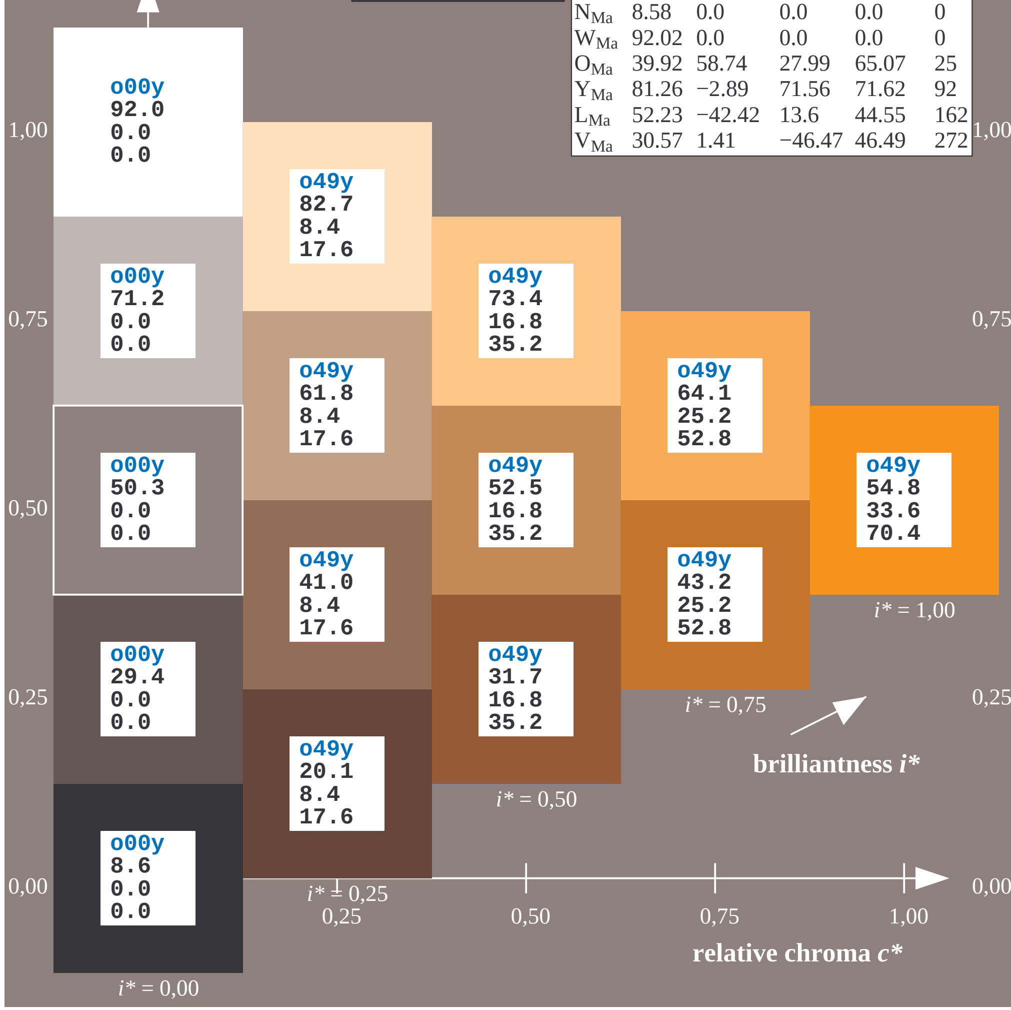
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

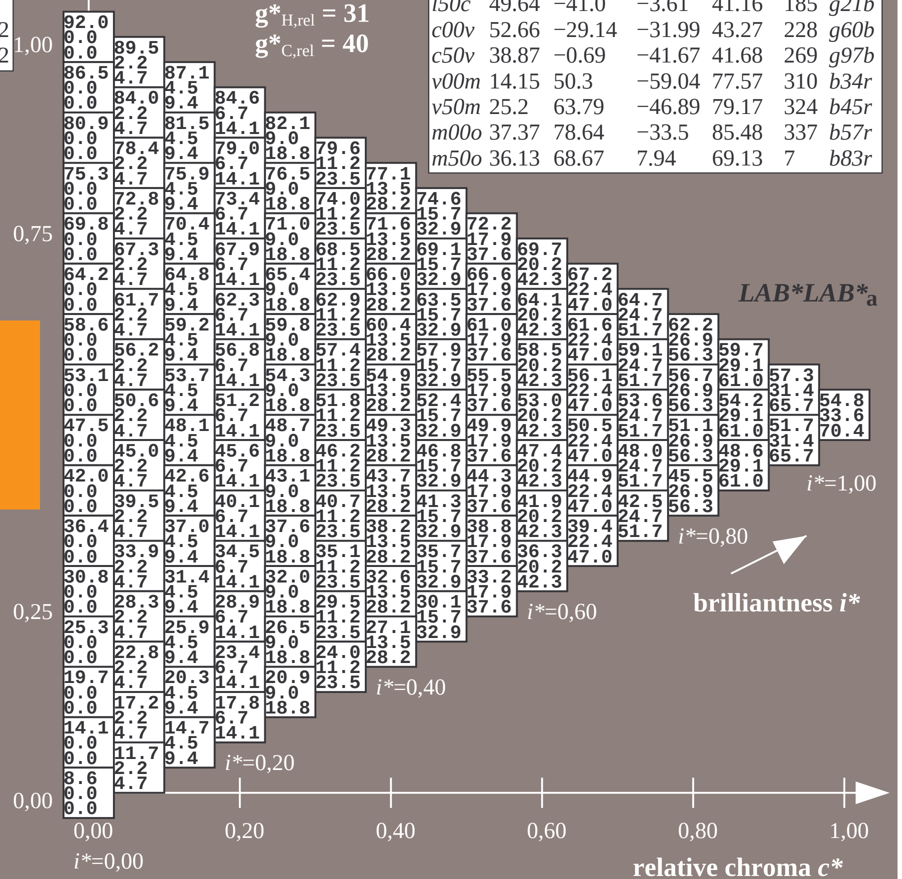
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 34 70
$LAB^*LCH^*_{Ma}$: 55 78 64
$lab^*olv^*_{Ma}$: 1.0 0.5 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0
triangle lightness t^*

%Gamut $u^*_{rel} = 109$
%Regularity $g^*_{H,rel} = 31$ $g^*_{C,rel} = 40$

$LAB^*LAB^*_a$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





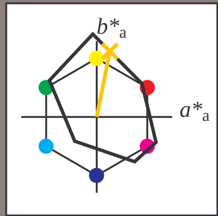
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$ $u^*_d = o75y$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r79j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



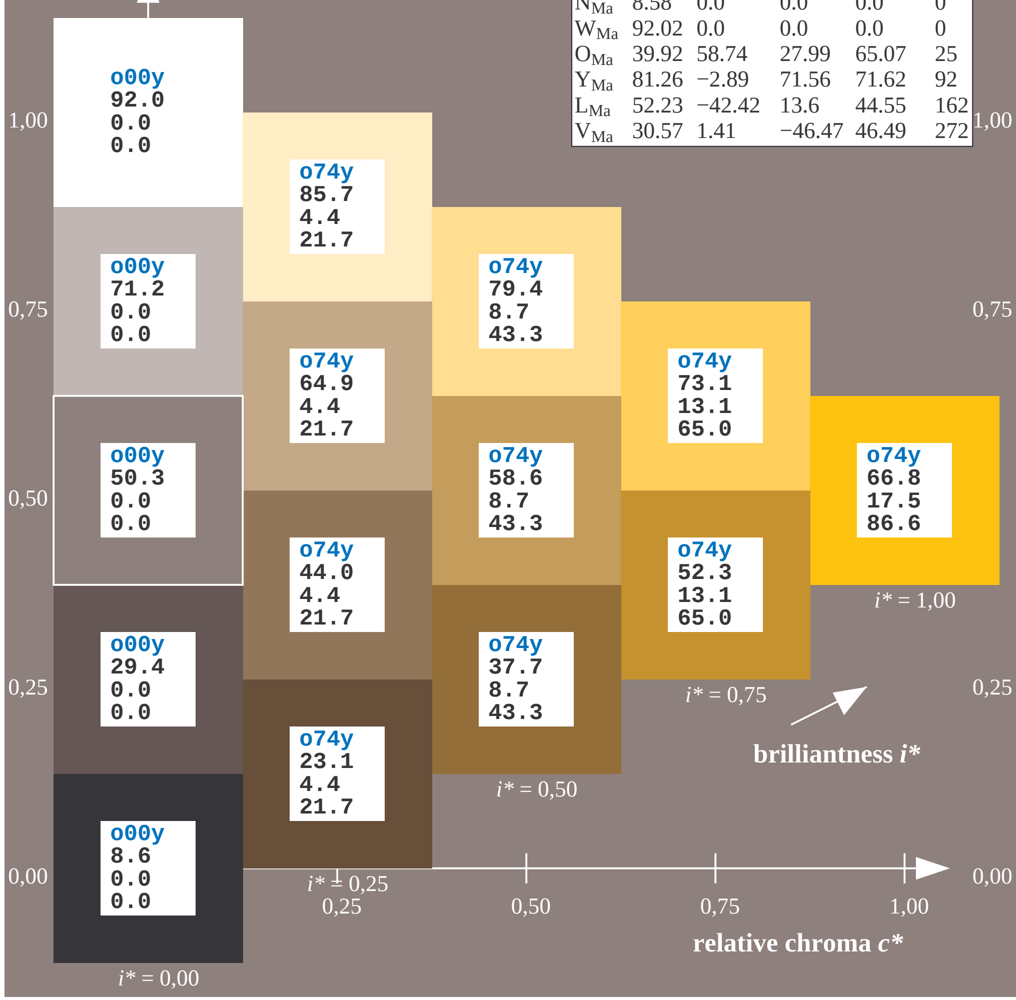
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

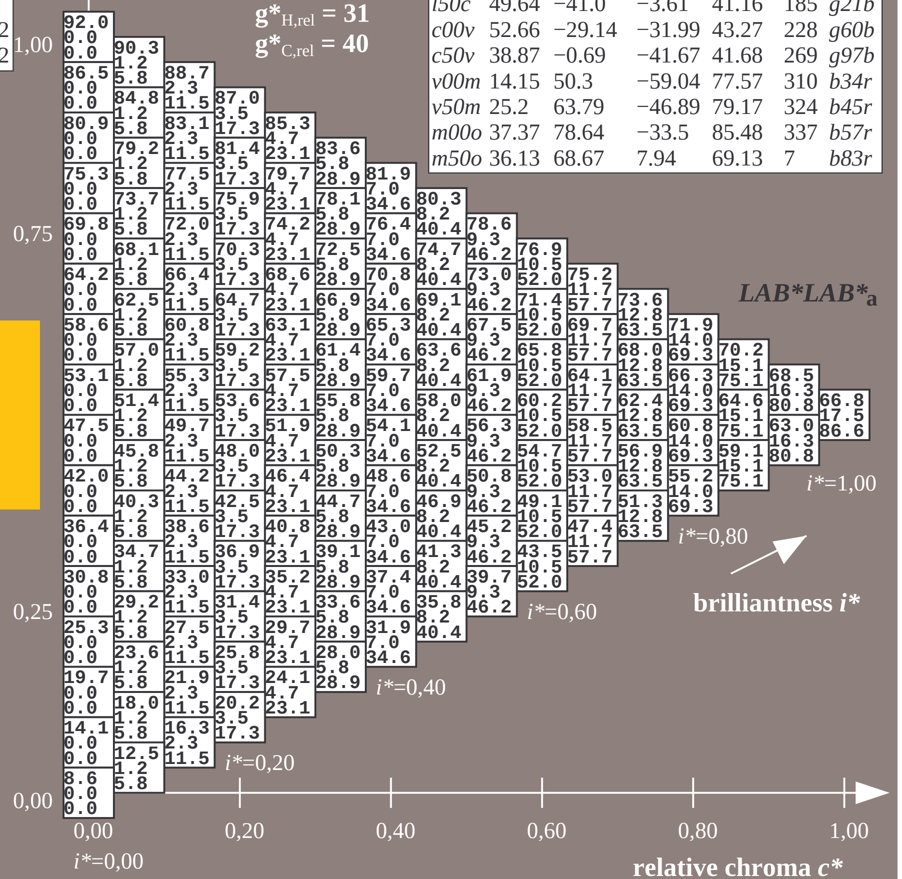
Data for maximum colour (Ma): *LAB*LAB*a*

$LAB^*LAB^*_{Ma}$: 67 17 87
$LAB^*LCH^*_{Ma}$: 67 88 78
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

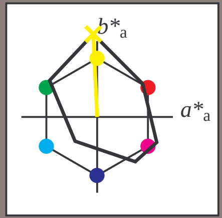
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$

*LAB*LAB*a*

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

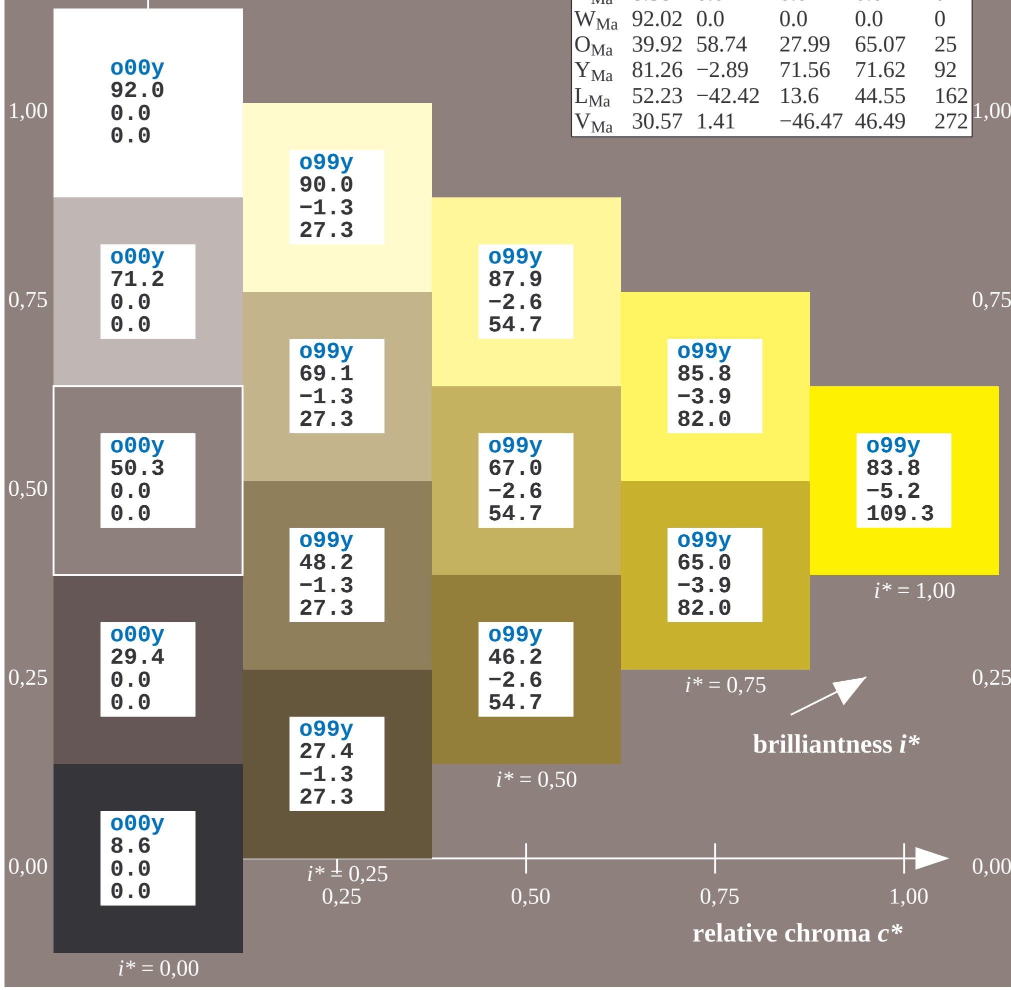


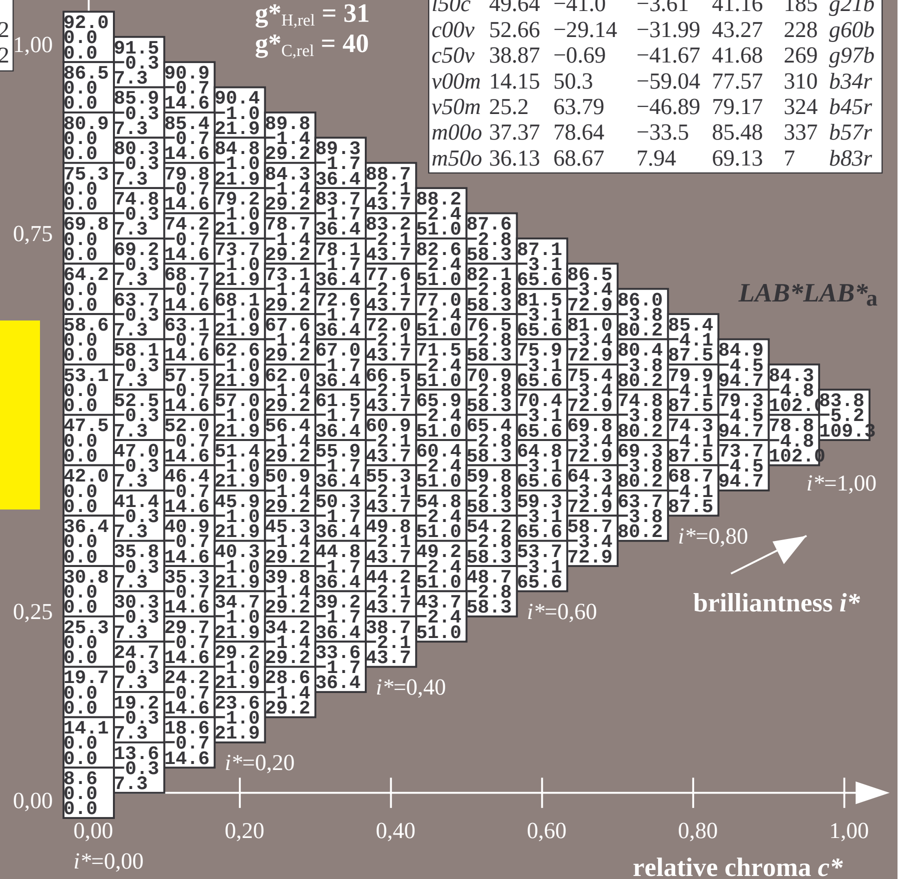
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 84 −5 109
*LAB*LCH*Ma*: 84 109 92
*lab*olv*Ma*: 1.0 1.0 0.0
*lab*rgb*Ma*: 0.99 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





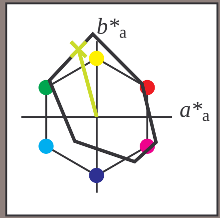
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

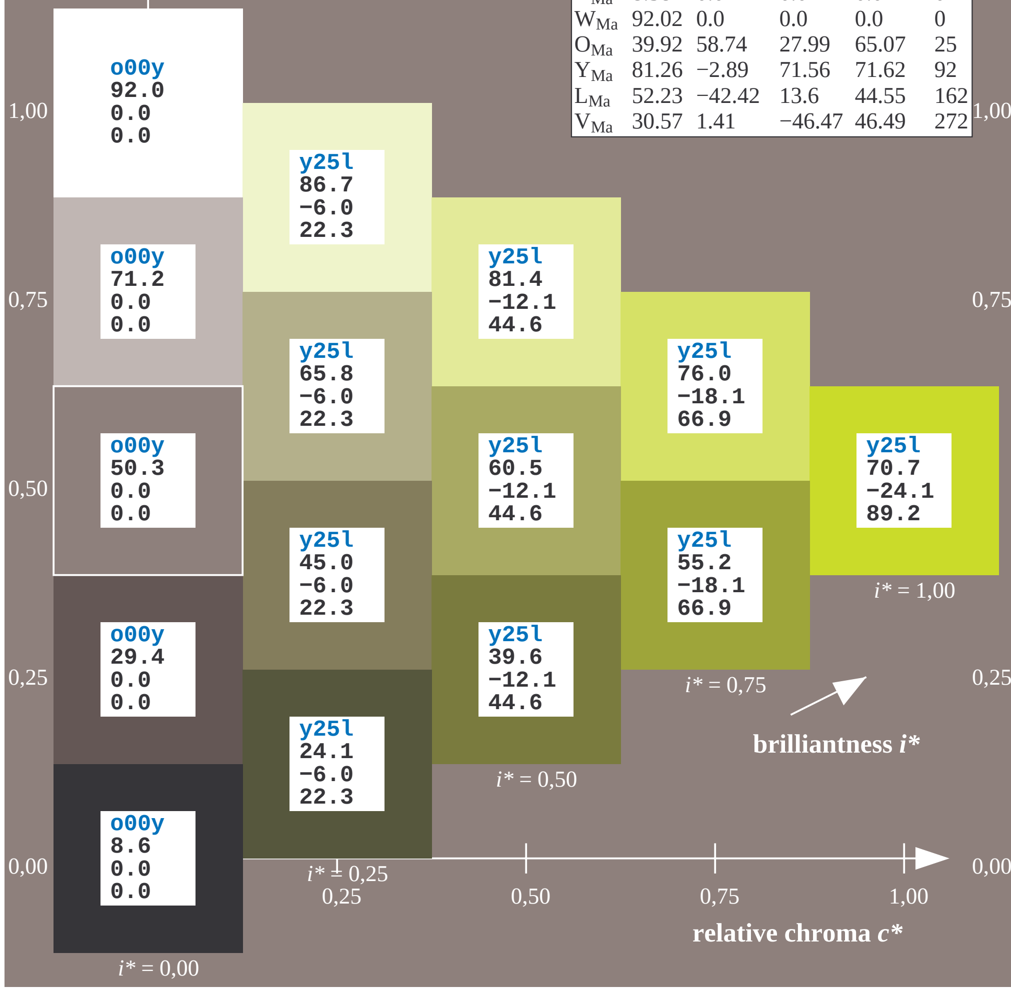


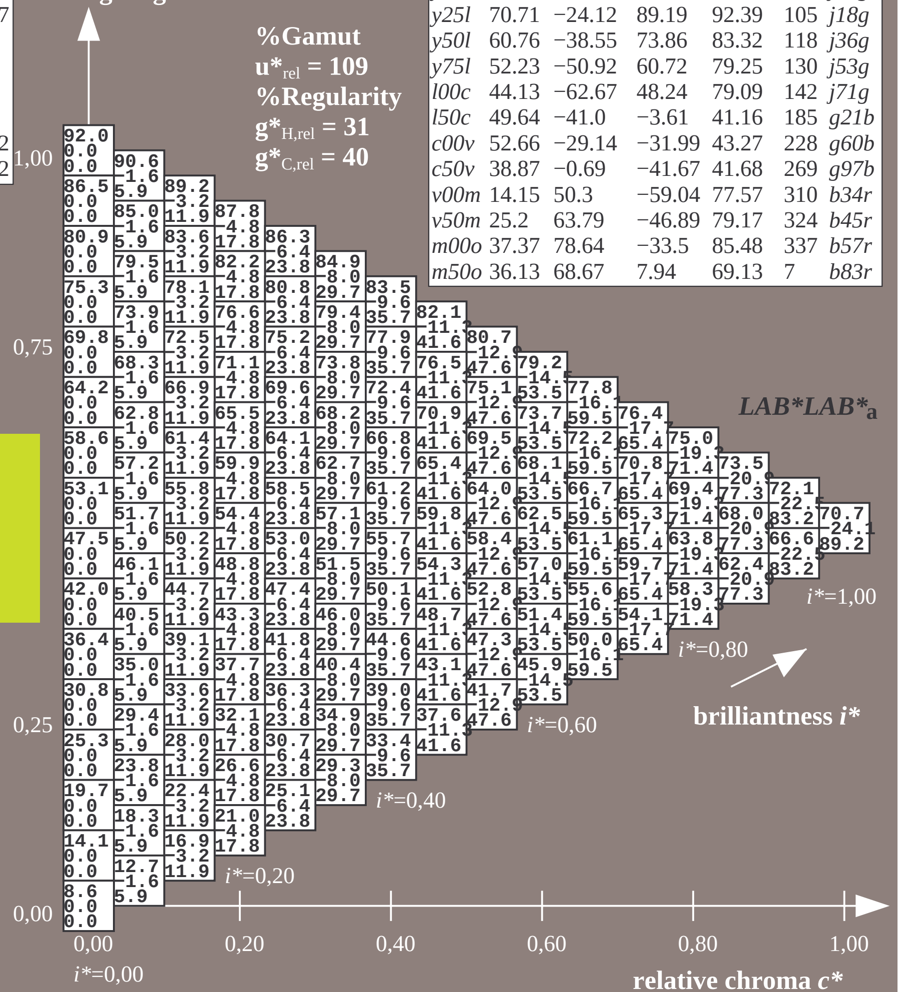
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 71 −24 89
$LAB^*LCH^*_{Ma}$: 71 92 105
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

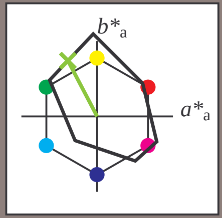
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

$u^*_d = y50l$
$LAB^*LAB^*_a$

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

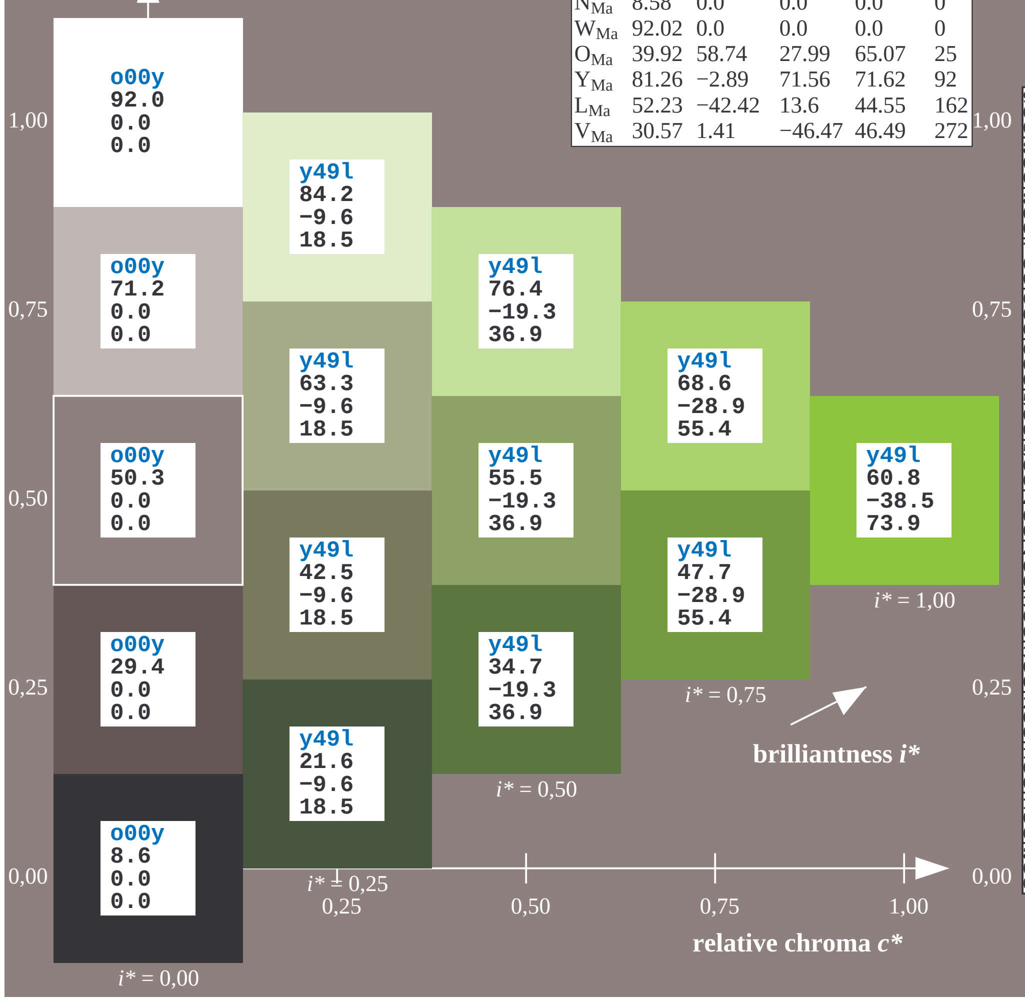


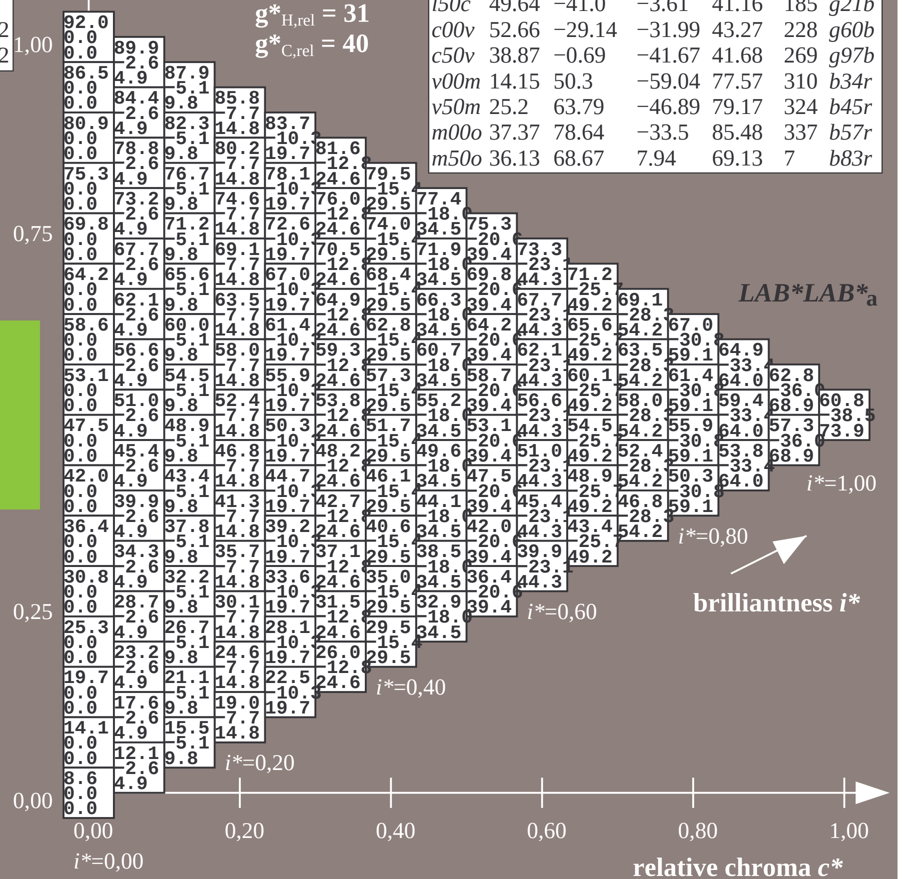
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 61 −39 74**
***$LAB^*LCH^*_{Ma}$*: 61 83 117**
***$lab^*olv^*_{Ma}$*: 0.5 1.0 0.0**
***$lab^*rgb^*_{Ma}$*: 0.64 1.0 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

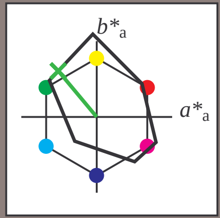
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

$u^*_d = y75l$

$LAB^*LAB^*_a$

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

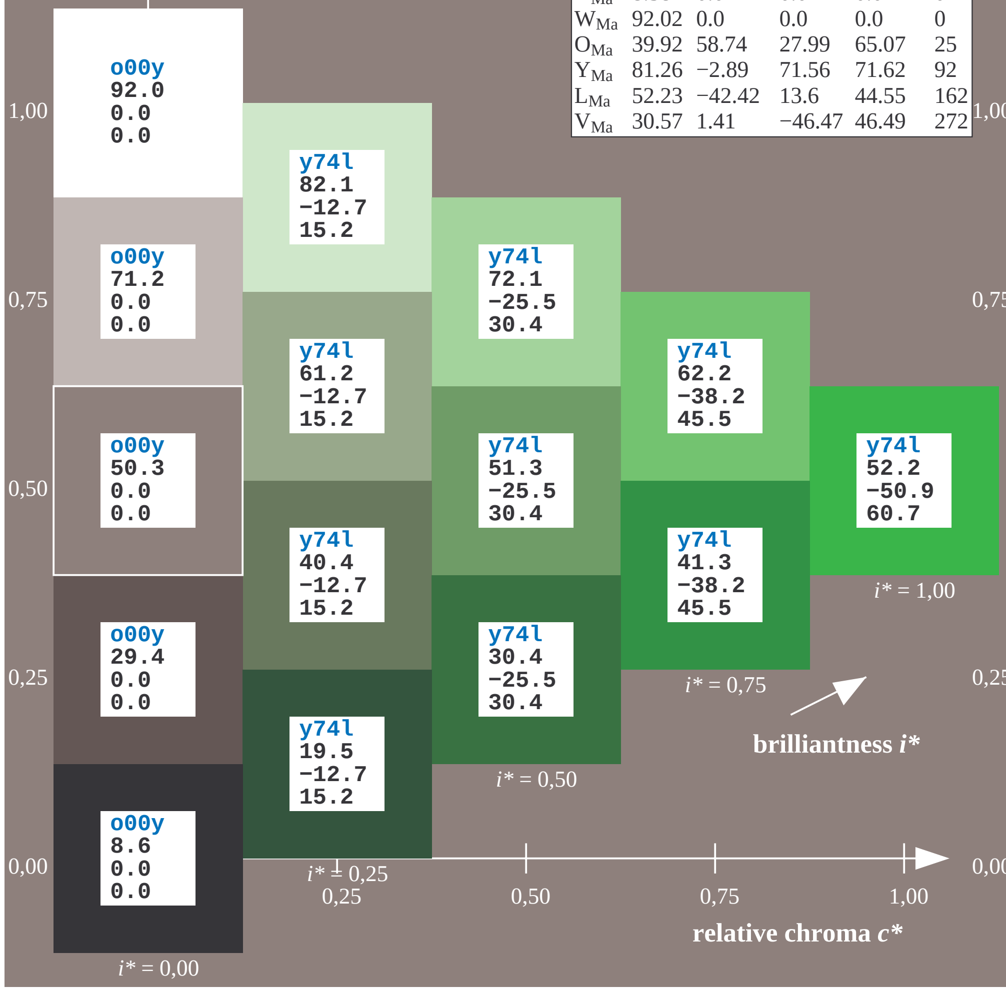


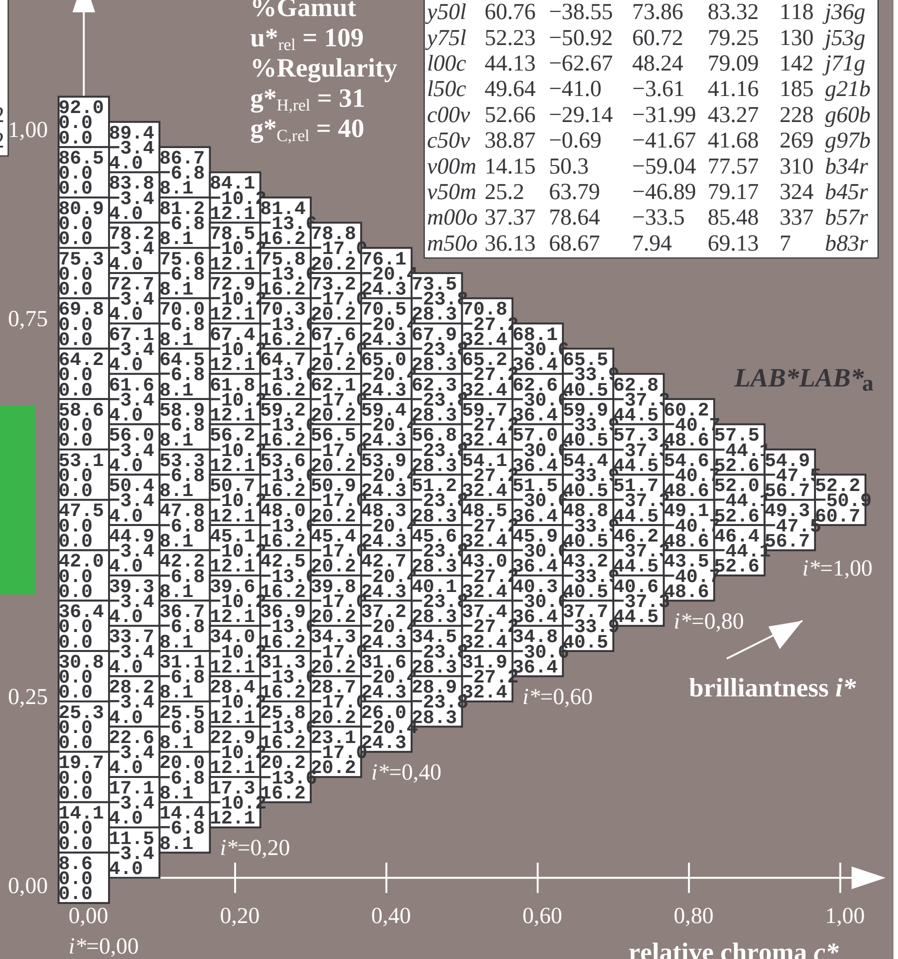
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 52 −51 61
$LAB^*LCH^*_{Ma}$: 52 79 129
$lab^*olv^*_{Ma}$: 0.25 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0
triangle lightness t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

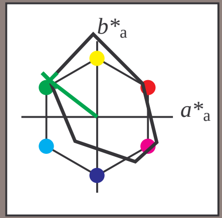
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.396**

u^*_d = *l00c*
*LAB*LAB**$_a$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = *l00c* u^*_e = *j71g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

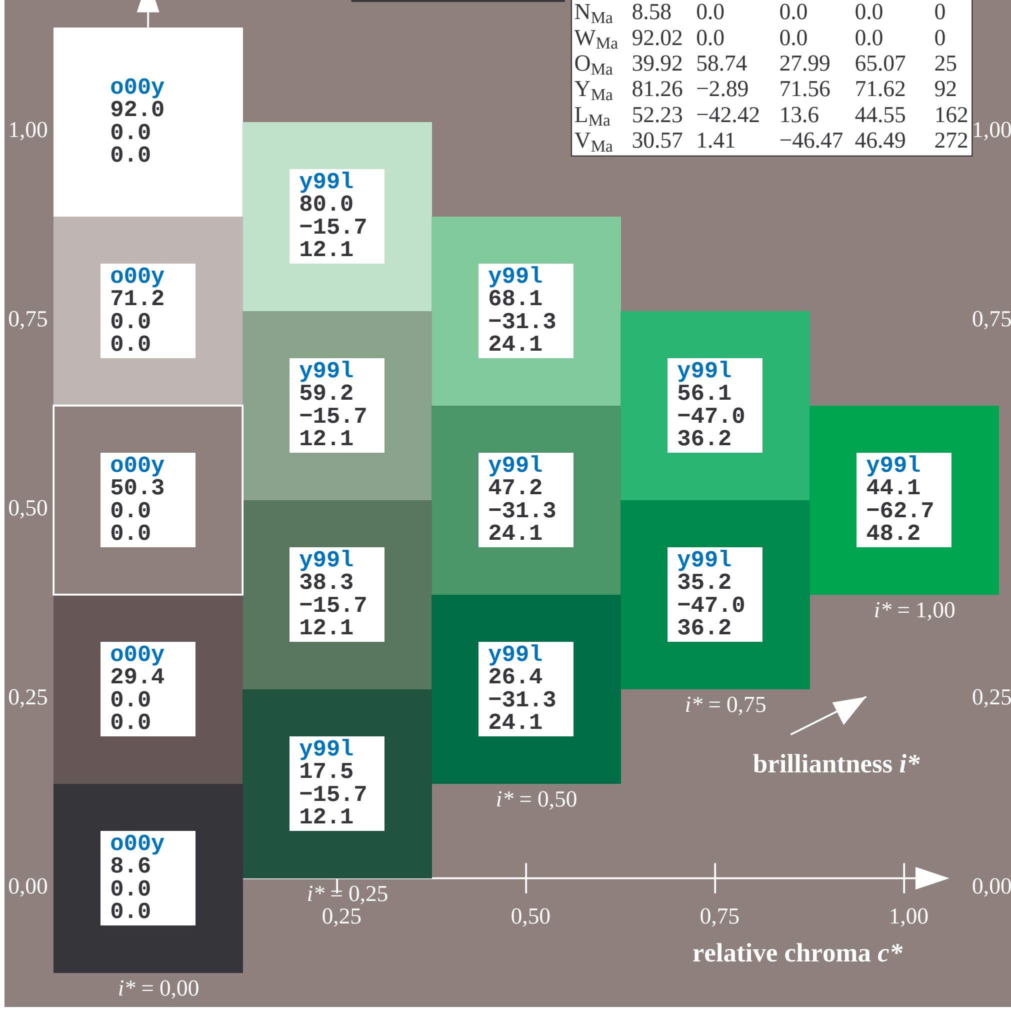


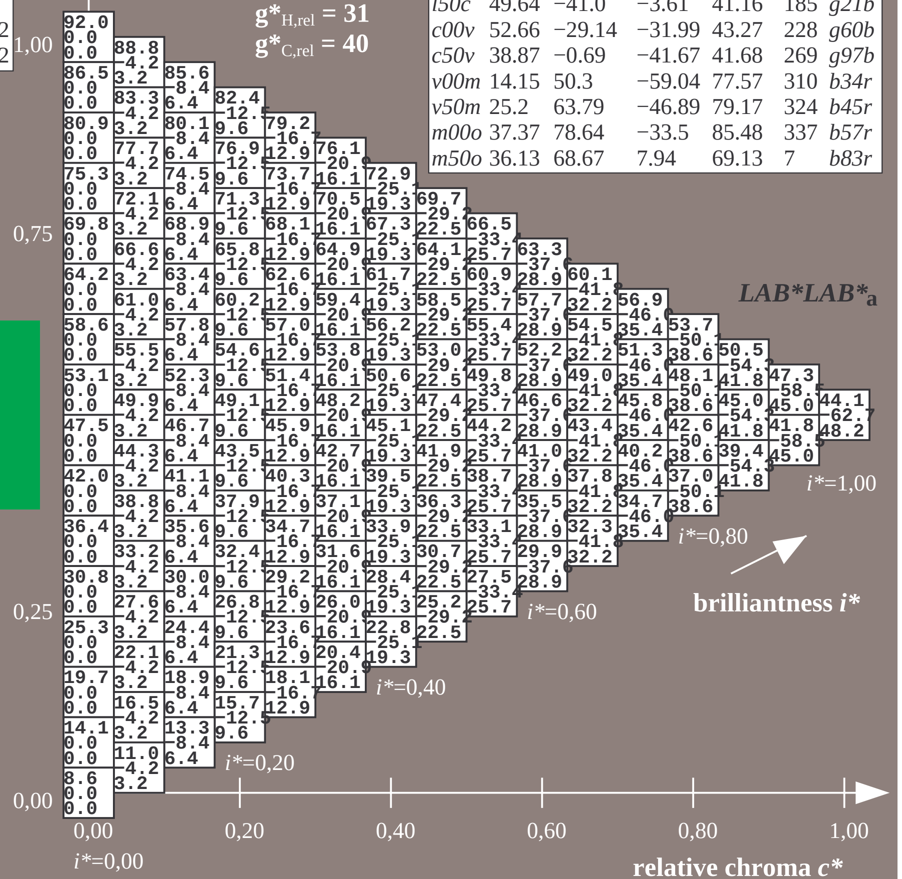
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 44 −63 48**
***LAB*LCH**$_{Ma}$: 44 79 142**
***lab*olv**$_{Ma}$: 0.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.28 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



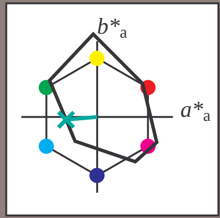


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$ $u^*_d = l50c$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

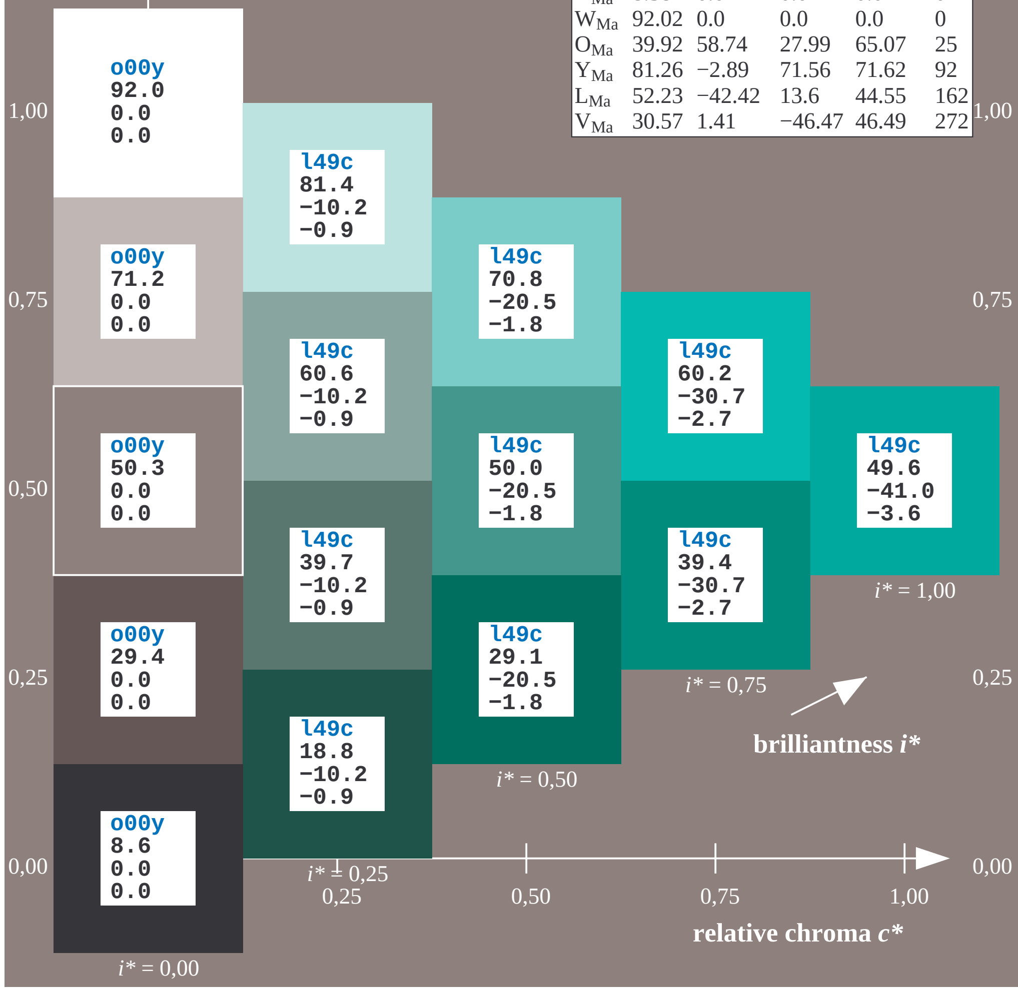
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$*: 50 −41 −4
*LAB*LCH*$_{Ma}$*: 50 41 185
*lab*olv*$_{Ma}$*: 0.0 1.0 0.5
*lab*rgb*$_{Ma}$*: 0.0 1.0 0.42
triangle lightness t^*

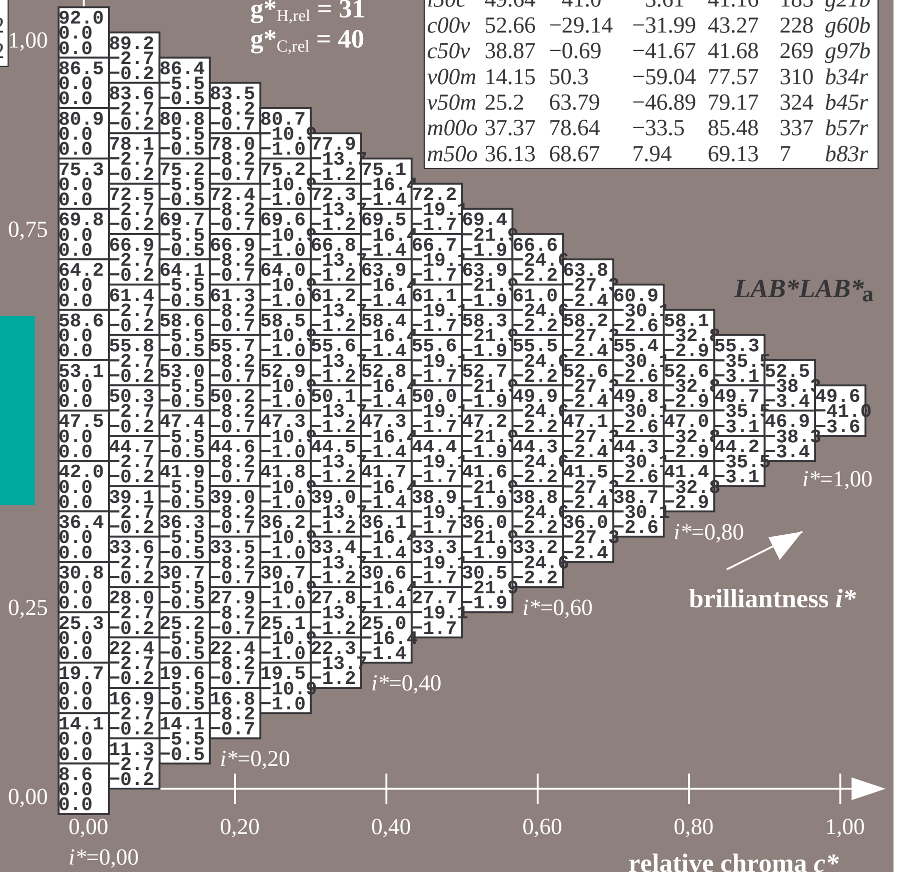
%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

*LAB*LAB*$_a$*

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

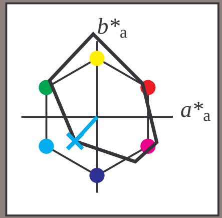
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$

$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

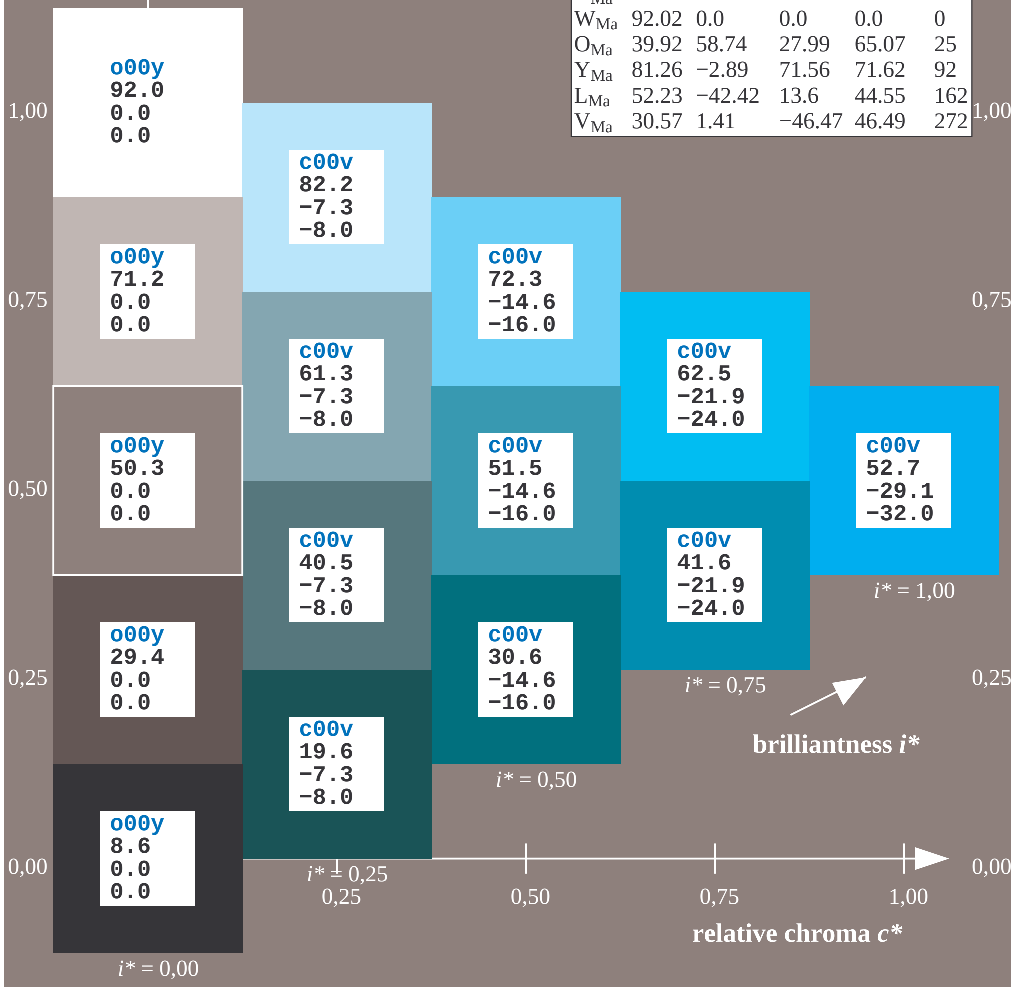
FRS09_92a; adapted (a) CIELAB data

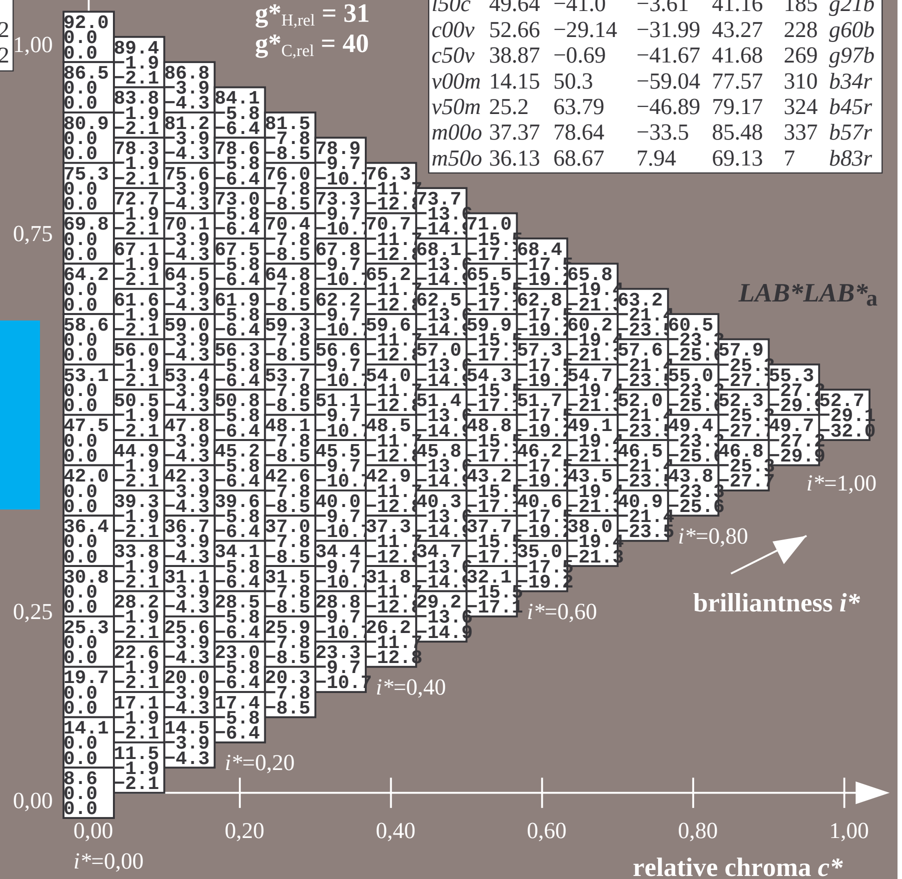
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −29 −32
$LAB^*LCH^*_{Ma}$: 53 43 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

$u^*_d = c50v$

$LAB^*LAB^*_a$

data for any colour:

lab*tch** and *lab*icu*

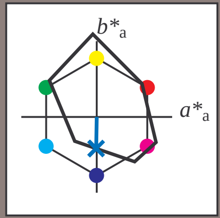
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 −1 −42

$LAB^*LCH^*_{Ma}$: 39 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

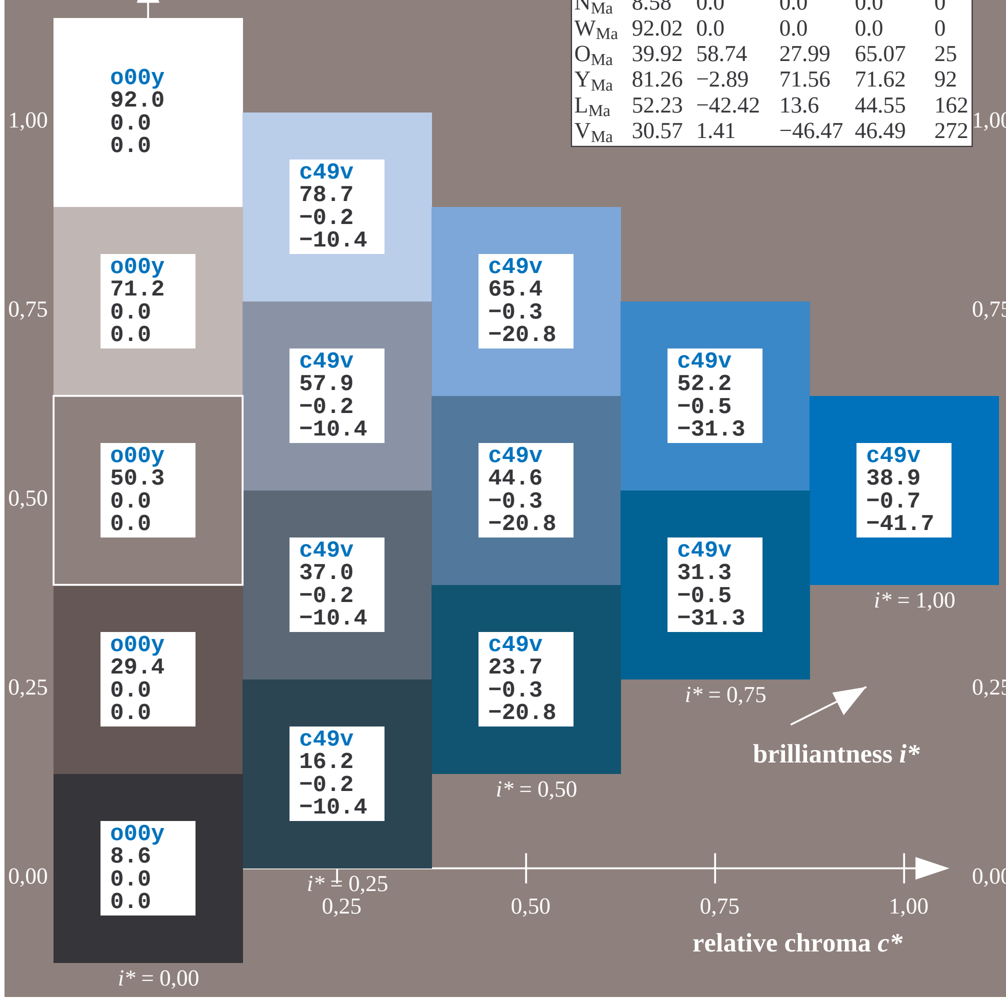
%Regularity

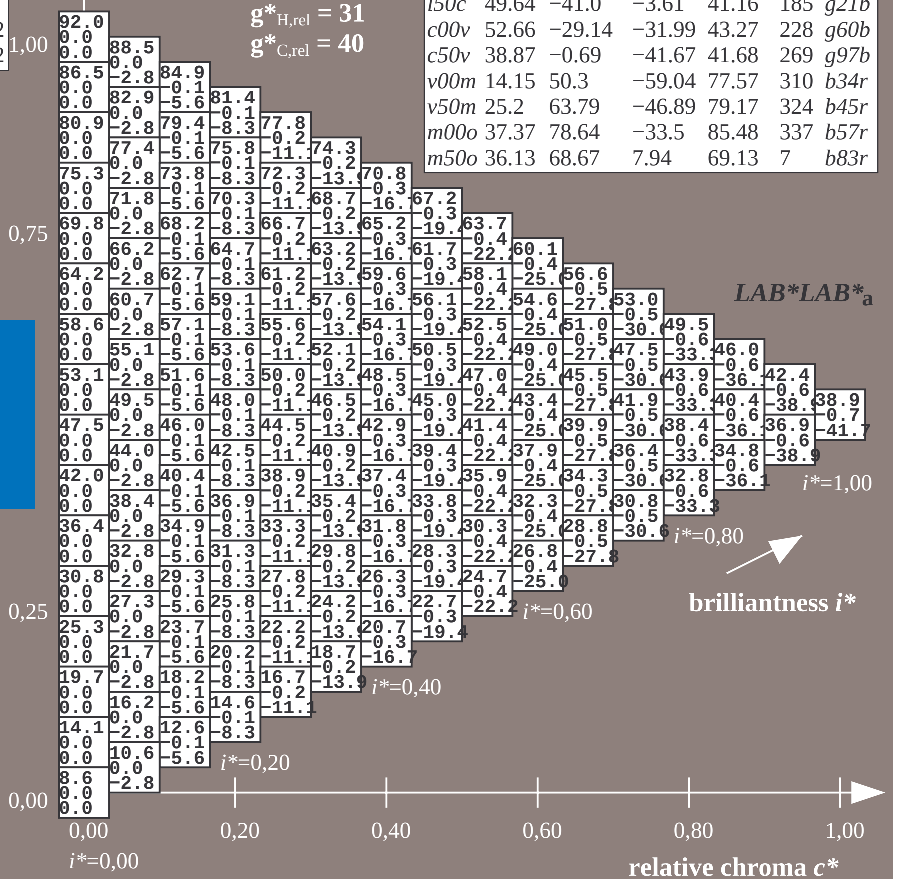
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$LAB^*LAB^*_a$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

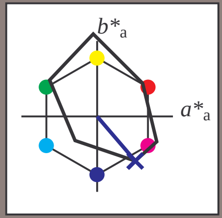
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

$u^*_d = v00m$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

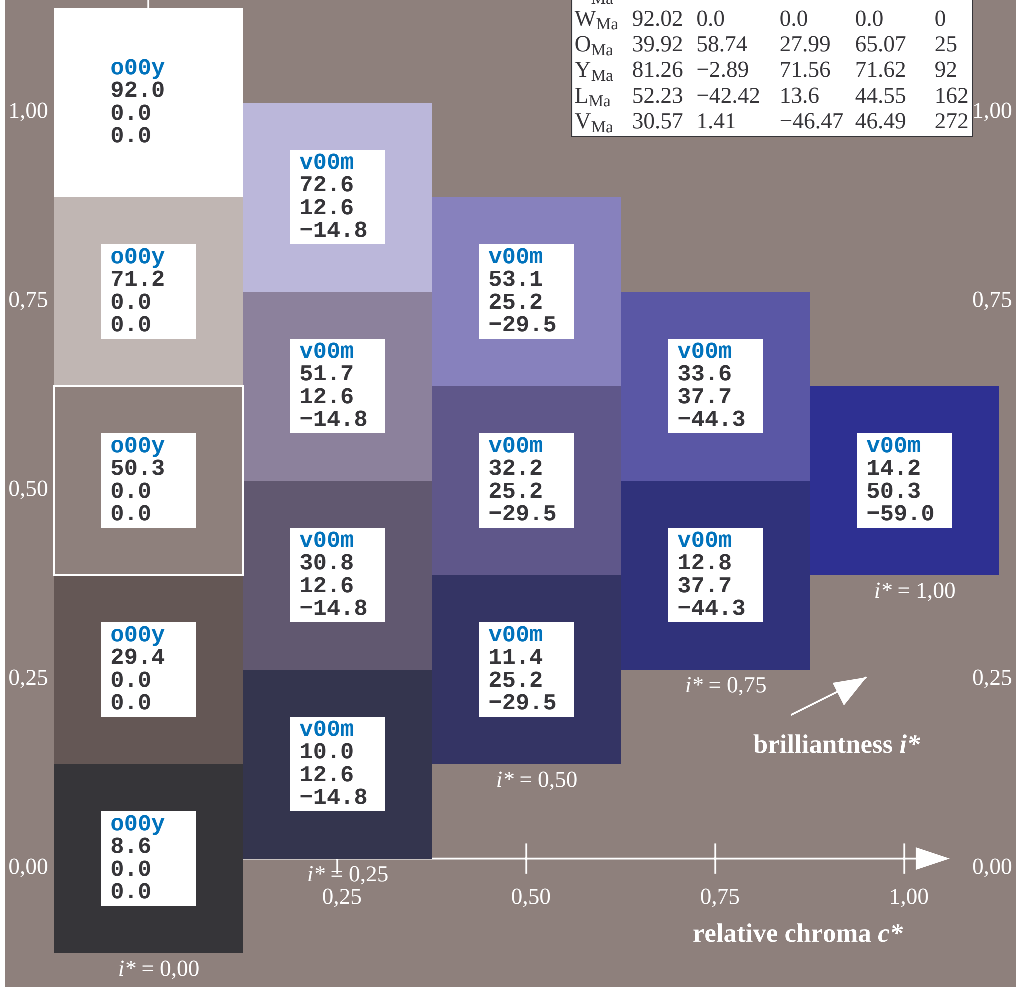


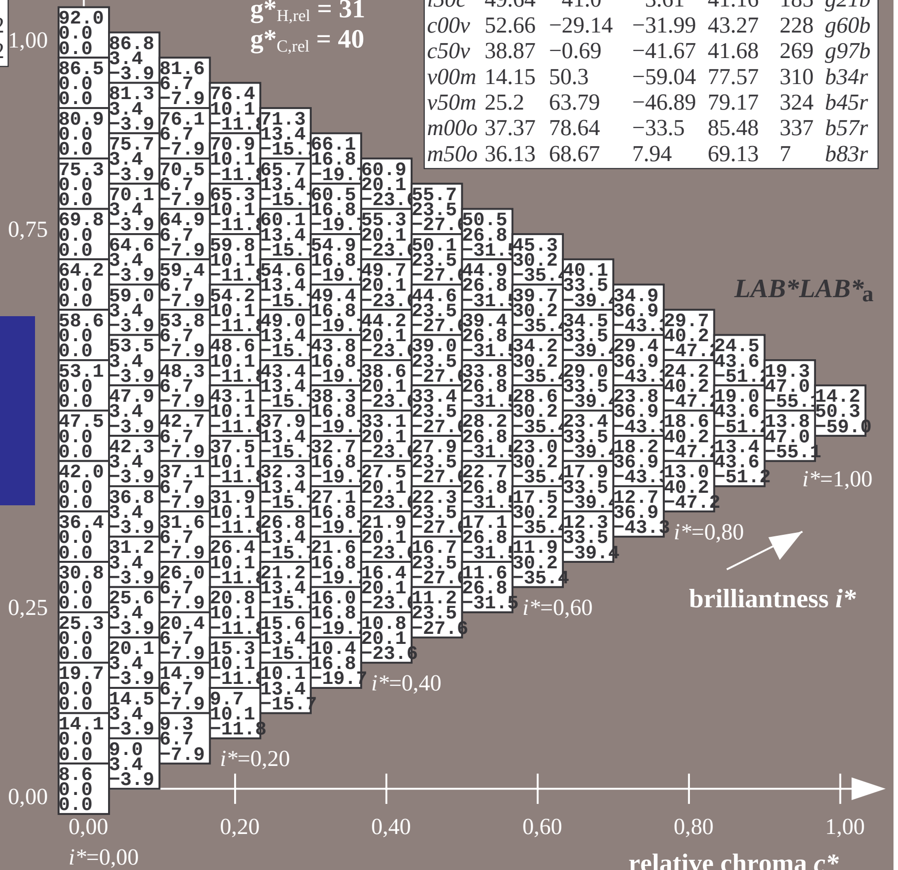
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: **14 50 −59**
$LAB^*LCH^*_{Ma}$: **14 78 310**
$lab^*olv^*_{Ma}$: **0.0 0.0 1.0**
$lab^*rgb^*_{Ma}$: **0.68 0.0 1.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

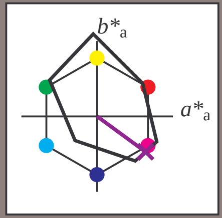
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

$u^*_d = v50m$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

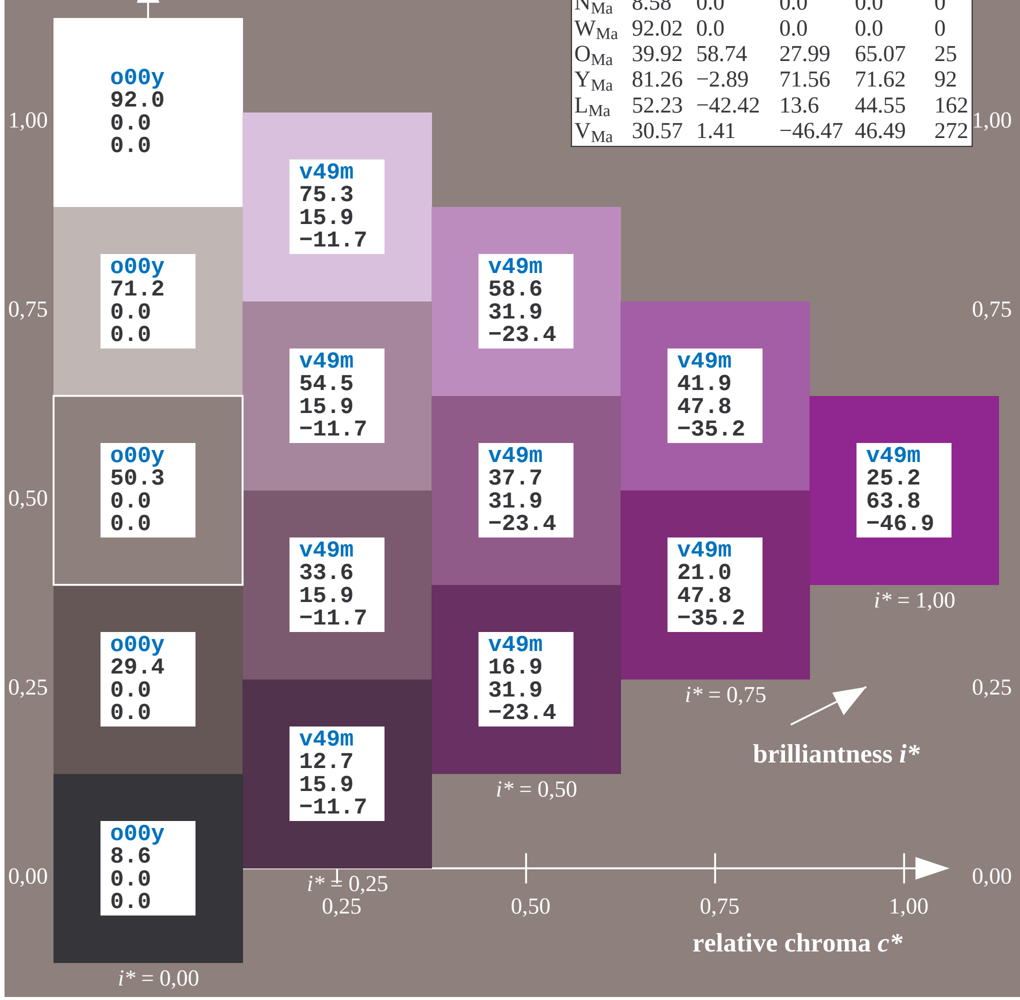


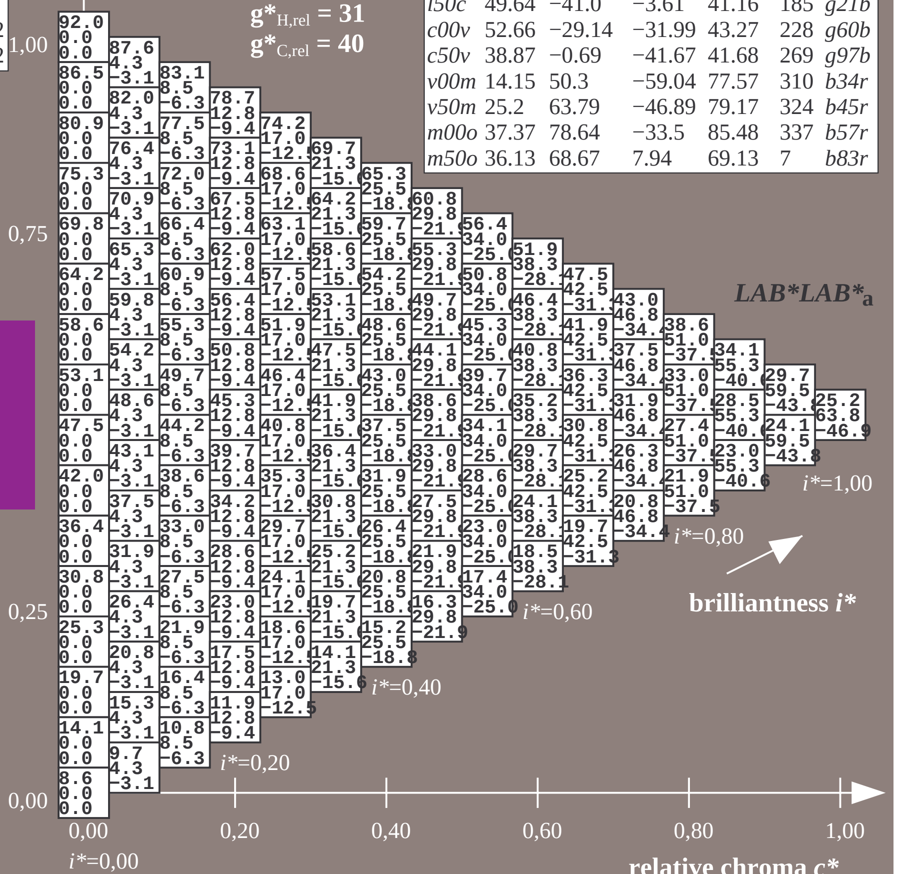
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB*$_a$*
$LAB^*LAB^*_{Ma}$: 25 64 −47
$LAB^*LCH^*_{Ma}$: 25 79 323
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$ $u^*_d = m00o$

data for any colour: *LAB*LAB*a*

*lab*tch** and *lab*icu**

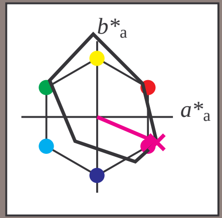
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

*LAB*LAB**$_{Ma}$: 37 79 −34

*LAB*LCH**$_{Ma}$: 37 85 336

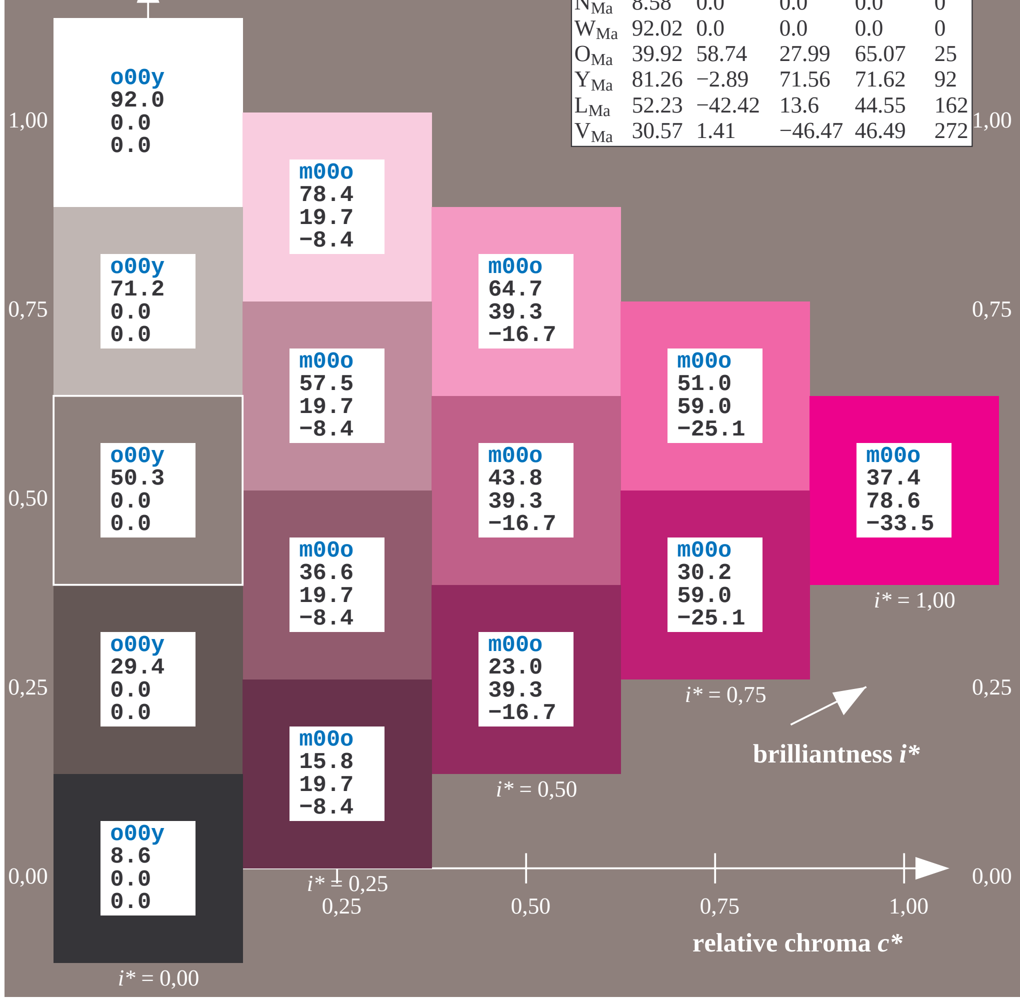
*lab*olv**$_{Ma}$: 1.0 0.0 1.0

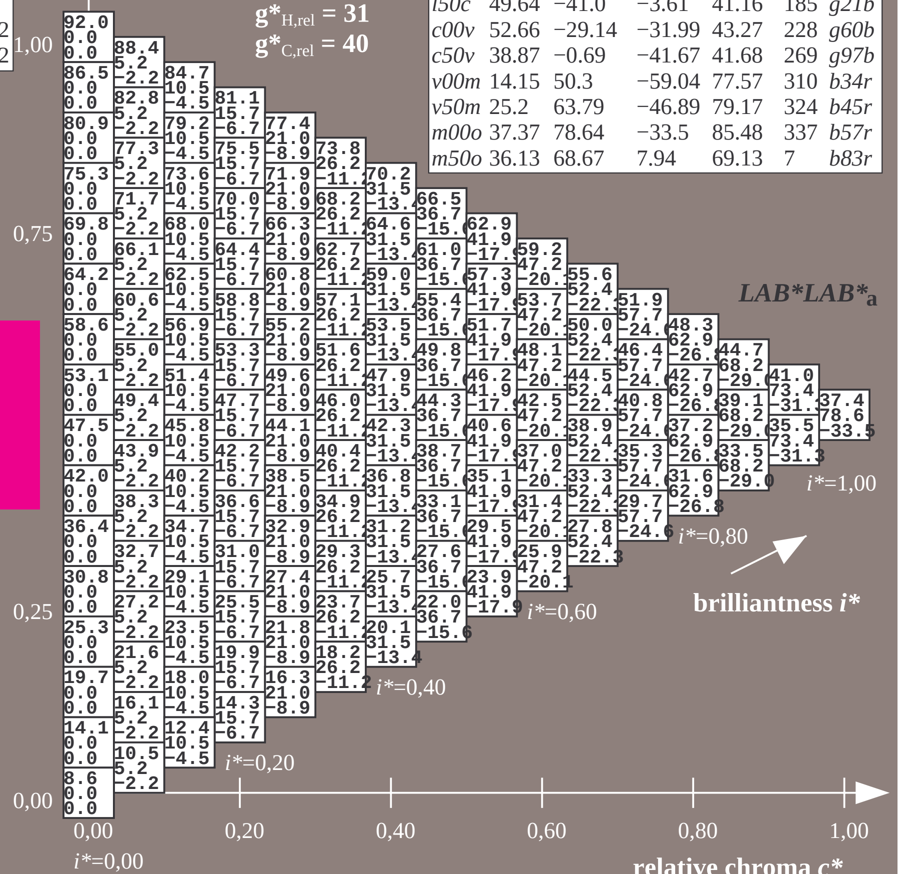
*lab*rgb**$_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

$u^*_d = m50o$

$LAB^*LAB^*_a$

data for any colour:

lab*tch** and *lab*icu*

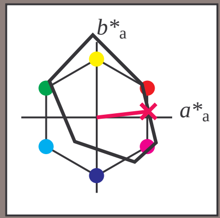
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 69 8

$LAB^*LCH^*_{Ma}$: 36 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

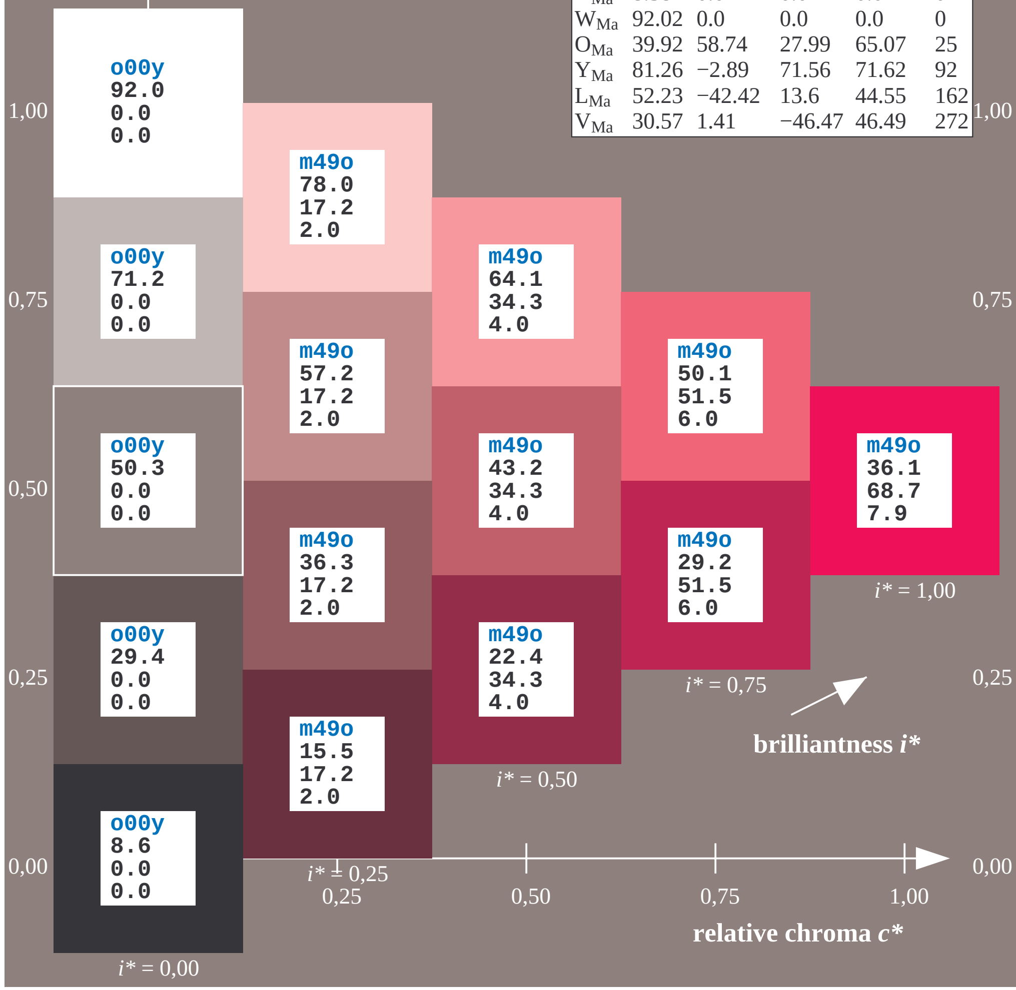
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

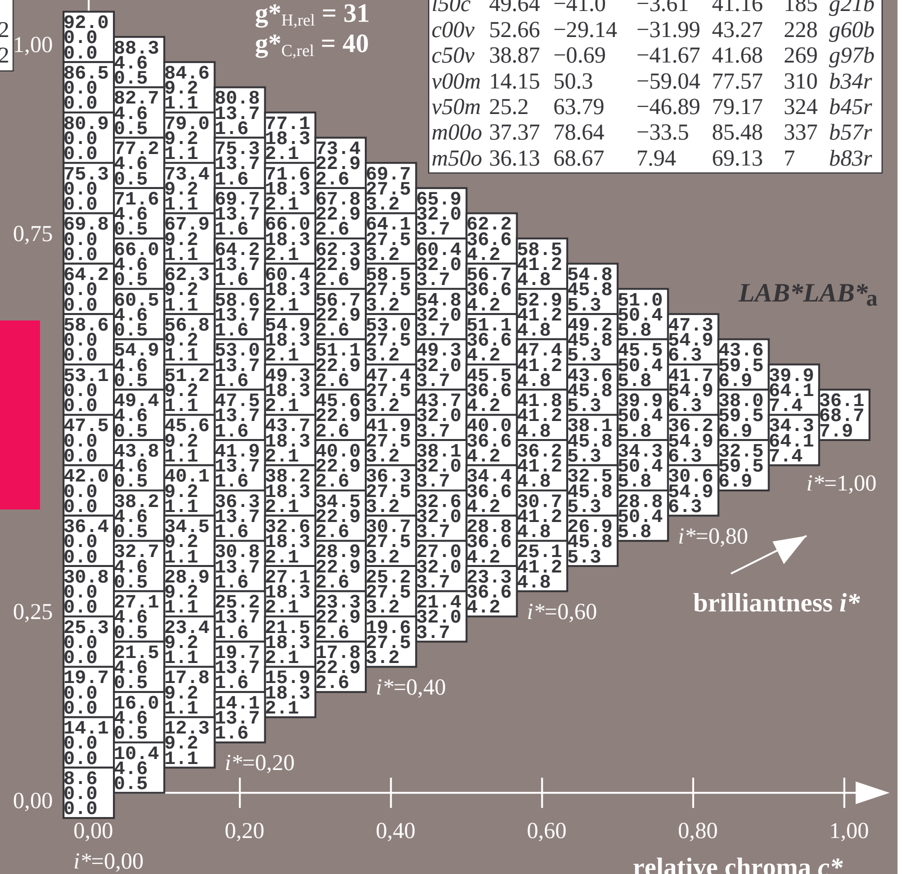
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

$LAB^*LAB^*_a$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*a		
01	8.6	13.0	17.5	21.9	26.4	30.8	35.2	39.7	44.1	11.9	18.0	21.6	26.0	30.4	34.8	39.3	43.7	48.2	15.2	20.1	27.4	30.5	34.7	39.0	43.4	47.8	52.2	92.0	84.9	77.8	70.7	63.5	56.4	49.3	42.2	35.1	8.6	8.6	8.6	8.6
	0.0	-7.8	-15.7	-23.5	-31.3	-39.2	-47.0	-54.8	-62.7	7.5	-0.6	-9.6	-17.6	-25.5	-33.3	-41.1	-49.0	-56.8	15.0	8.4	-1.3	-11.0	-19.3	-27.3	-35.2	-43.1	-50.9	0.0	7.5	15.0	22.5	30.0	37.5	45.0	52.5	60.0	0.0	0.0	0.0	0.0
	0.0	6.0	12.1	18.1	24.1	30.2	36.2	42.2	48.2	5.5	13.7	18.5	24.4	30.4	36.4	42.4	48.4	54.5	11.0	17.6	27.3	31.4	36.9	42.8	48.7	54.7	60.7	0.0	5.5	11.0	16.5	22.0	27.5	33.0	38.5	44.0	0.0	0.0	0.0	0.0
02	9.3	14.1	18.8	23.5	28.2	32.7	37.3	41.8	46.3	12.2	19.0	23.5	27.9	32.3	36.8	41.2	45.7	50.1	15.5	22.3	28.4	32.1	36.4	40.8	45.3	49.7	54.2	87.1	81.6	74.5	67.4	60.2	53.1	46.0	38.9	31.7	19.0	19.0	19.0	19.0
	6.3	-3.6	-10.2	-17.1	-24.2	-31.5	-38.9	-46.4	-54.0	9.8	0.0	-7.8	-15.7	-23.5	-31.3	-39.2	-47.0	-54.8	17.2	7.5	-0.6	-9.6	-17.6	-25.5	-33.3	-41.1	-49.0	-3.6	0.0	7.5	15.0	22.5	30.0	37.5	45.0	52.5	0.0	0.0	0.0	0.0
	-7.4	-4.0	-0.9	2.8	7.1	11.8	16.8	22.0	27.4	-4.2	0.0	6.0	12.1	18.1	24.1	30.2	36.2	42.2	2.0	5.5	13.7	18.5	24.4	30.4	36.4	42.4	48.4	-4.0	0.0	5.5	11.0	16.5	22.0	27.5	33.0	38.5	0.0	0.0	0.0	0.0
03	10.0	16.2	19.6	24.4	29.1	33.8	38.5	43.1	47.8	12.7	19.7	24.5	29.3	34.0	38.6	43.2	47.7	52.3	15.8	22.6	29.4	33.9	38.3	42.8	47.2	51.7	56.1	82.2	76.7	71.2	64.0	56.9	49.8	42.7	35.6	28.4	29.4	29.4	29.4	29.4
	12.6	-0.2	-7.3	-13.9	-20.5	-27.3	-34.2	-41.2	-48.4	15.9	6.3	-3.6	-10.2	-17.1	-24.2	-31.5	-38.9	-46.4	19.7	9.8	0.0	-7.8	-15.7	-23.5	-31.3	-39.2	-47.0	-7.3	-3.6	0.0	7.5	15.0	22.5	30.0	37.5	45.0	0.0	0.0	0.0	0.0
	-14.8	-10.4	-8.0	-4.9	-1.8	1.7	5.5	9.7	14.1	-11.7	-7.4	-4.0	-0.9	2.8	7.1	11.8	16.8	22.0	-8.4	-4.2	0.0	6.0	12.1	18.1	24.1	30.2	36.2	-8.0	-4.0	0.0	5.5	11.0	16.5	22.0	27.5	33.0	0.0	0.0	0.0	0.0
04	10.7	17.9	21.7	25.1	29.8	34.6	39.4	44.1	48.8	13.4	20.4	26.6	30.0	34.8	39.5	44.3	48.9	53.6	16.3	23.2	30.1	34.9	39.7	44.4	49.0	53.6	58.2	77.3	71.7	66.2	60.7	53.6	46.5	39.4	32.3	25.1	39.9	39.9	39.9	39.9
	18.9	3.9	-3.8	-10.9	-17.6	-24.1	-30.7	-37.5	-44.3	22.2	12.6	-0.2	-7.3	-13.9	-20.5	-27.3	-34.2	-41.2	25.7	15.9	6.3	-3.6	-10.2	-17.1	-24.2	-31.5	-38.9	-10.9	-7.3	-3.6	0.0	7.5	15.0	22.5	30.0	37.5	0.0	0.0	0.0	0.0
	-22.1	-17.0	-14.4	-12.0	-8.7	-5.8	-2.7	0.7	4.4	-19.1	-14.8	-10.4	-8.0	-4.9	-1.8	1.7	5.5	9.7	-16.0	-11.7	-7.4	-4.0	-0.9	2.8	7.1	11.8	16.8	-12.0	-8.0	-4.0	0.0	5.5	11.0	16.5	22.0	27.5	0.0	0.0	0.0	0.0
05	11.4	19.4	23.7	27.1	30.6	35.3	40.1	44.9	49.6	14.1	21.1	28.4	32.1	35.5	40.3	45.1	49.8	54.5	16.9	23.8	30.8	37.0	40.5	45.2	50.0	54.7	59.4	72.3	66.8	61.3	55.8	50.3	43.2	36.1	28.9	21.8	50.3	50.3	50.3	50.3
	25.2	8.6	-0.3	-7.3	-14.6	-21.3	-27.8	-34.4	-41.0	28.5	18.9	3.9	-3.8	-10.9	-17.6	-24.1	-30.7	-37.5	31.9	22.2	12.6	-0.2	-7.3	-13.9	-20.5	-27.3	-34.2	-14.6	-10.9	-7.3	-3.6	0.0	7.5	15.0	22.5	30.0	0.0	0.0	0.0	0.0
	-29.5	-23.9	-20.8	-18.5	-16.0	-12.6	-9.7	-6.8	-3.6	-26.5	-22.1	-17.0	-14.4	-12.0	-8.7	-5.8	-2.7	0.7	-23.4	-19.1	-14.8	-10.4	-8.0	-4.9	-1.8	1.7	5.5	-16.0	-12.0	-8.0	-4.0	0.0	5.5	11.0	16.5	22.0	0.0	0.0	0.0	0.0
06	12.1	20.7	25.6	29.3	32.6	36.1	40.8	45.6	50.4	14.8	21.8	29.8	34.2	37.5	41.0	45.8	50.6	55.3	17.6	24.5	31.5	38.8	42.5	46.0	50.7	55.5	60.2	67.4	61.9	56.4	50.9	45.4	39.9	32.8	25.6	18.5	60.7	60.7	60.7	60.7
	31.4	13.7	3.5	-4.0	-10.9	-18.2	-25.0	-31.5	-38.0	34.8	25.2	8.6	-0.3	-7.3	-14.6	-21.3	-27.8	-34.4	38.1	28.5	18.9	3.9	-3.8	-10.9	-17.6	-24.1	-30.7	-18.2	-14.6	-10.9	-7.3	-3.6	0.0	7.5	15.0	22.5	0.0	0.0	0.0	0.0
	-36.9	-30.8	-27.4	-24.8	-22.5	-20.0	-16.5	-13.6	-10.7	-33.9	-29.5	-23.9	-20.8	-18.5	-16.0	-12.6	-9.7	-6.8	-30.9	-26.5	-22.1	-17.0	-14.4	-12.0	-8.7	-5.8	-2.7	-20.0	-16.0	-12.0	-8.0	-4.0	0.0	5.5	11.0	16.5	0.0	0.0	0.0	0.0
07	12.8	21.8	27.3	31.3	34.7	38.0	41.6	46.3	51.1	15.5	22.5	31.1	36.0	39.7	43.0	46.6	51.3	56.0	18.2	25.2	32.2	40.3	44.6	48.0	51.5	56.2	61.0	62.5	57.0	51.5	46.0	40.5	34.9	29.4	22.3	15.2	71.2	71.2	71.2	71.2
	37.7	19.0	7.8	-0.5	-7.6	-14.4	-21.9	-28.7	-35.2	41.1	31.4	13.7	3.5	-4.0	-10.9	-18.2	-25.0	-31.5	44.4	34.8	25.2	8.6	-0.3	-7.3	-14.6	-21.3	-27.8	-21.9	-18.2	-14.6	-10.9	-7.3	-3.6	0.0	7.5	15.0	0.0	0.0	0.0	0.0
	-44.3	-37.9	-34.1	-31.3	-28.8	-26.5	-24.0	-20.4	-17.4	-41.3	-36.9	-30.8	-27.4	-24.8	-22.5	-20.0	-16.5	-13.6	-38.3	-33.9	-29.5	-23.9	-20.8	-18.5	-16.0	-12.6	-9.7	-24.0	-20.0	-16.0	-12.0	-8.0	-4.0	0.0	5.5	11.0	0.0	0.0	0.0	0.0
08	13.5	22.9	28.8	33.2	36.8	40.2	43.5	47.1	51.8	16.2	23.2	32.3	37.7	41.7	45.2	48.5	52.1	56.8	18.9	25.9	32.9	41.5	46.5	50.1	53.4	57.0	61.7	57.6	52.1	46.6	41.0	35.5	30.0	24.5	19.0	11.9	81.6	81.6	81.6	81.6
	44.0	24.6	12.3	3.3	-4.2	-11.1	-18.0	-25.5	-32.3	47.3	37.7	19.0	7.8	-0.5	-7.6	-14.4	-21.9	-28.7	50.7	41.1	31.4	13.7	3.5	-4.0	-10.9	-18.2	-25.0	-25.5	-21.9	-18.2	-14.6	-10.9	-7.3	-3.6	0.0	7.5	0.0	0.0	0.0	0.0
	-51.7	-45.0	-40.9	-37.8	-35.2	-32.9	-30.5	-28.0	-24.4	-48.7	-44.3	-37.9	-34.1	-31.3	-28.8	-26.5	-24.0	-20.4	-45.6	-41.3	-36.9	-30.8	-27.4	-24.8	-22.5	-20.0	-16.5	-28.0	-24.0	-20.0	-16.0	-12.0	-8.0	-4.0	0.0	5.5	0.0	0.0	0.0	0.0
09	14.2	23.9	30.2	35.0	38.9	42.3	45.6	49.0	52.7	16.9	23.9	33.3	39.2	43.6	47.3	50.6	53.9	57.6	19.6	26.6	33.6	42.7	48.1	52.2	55.6	58.9	62.5	52.7	47.1	41.6	36.1	30.6	25.1	19.6	14.1	8.6	92.0	92.0	92.0	92.0
	50.3	30.2	17.1	7.3	-0.7	-7.8	-14.7	-21.6	-29.1	53.6	44.0	24.6	12.3	3.3	-4.2	-11.1	-18.0	-25.5	57.0	47.3	37.7	19.0	7.8	-0.5	-7.6	-14.4	-21.9	-29.1	-25.5	-21.9	-18.2	-14.6	-10.9	-7.3	-3.6	0.0	0.0	0.0	0.0	0.0
	-59.0	-52.2	-47.7	-44.4	-41.7	-39.2	-36.9	-34.6	-32.0	-56.0	-51.7	-45.0	-40.9	-37.8	-35.2	-32.9	-30.5	-28.0	-53.0	-48.7	-44.3	-37.9	-34.1	-31.3	-28.8	-26.5	-24.0	-32.0	-28.0	-24.0	-20.0	-16.0	-12.0	-8.0	-4.0	0.0	0.0	0.0	0.0	0.0
10	18.5	23.3	28.8	36.8	39.6	43.5	47.7	52.0	56.4	21.8	26.6	31.7	37.7	46.2	48.8	52.5	56.5	60.8	25.1	29.9	34.8	40.3	46.8	55.6	58.1	61.6	65.5	92.0	91.0	90.0	88.9	87.9	86.9	85.8	84.8	83.8	8.6	8.6	8.6	8.6
	22.5	16.0	8.7	-1.9	-12.1	-20.7	-28.9	-36.9	-44.9	30.0	23.6	16.8	8.7	-2.6	-13.0	-22.0	-30.4	-38.5	37.5	31.1	24.5	17.3	8.5	-3.2	-13.9	-23.1	-31.7	0.0	-0.6	-1.3	-1.9	-2.6	-3.2	-3.9	-4.5	-5.2	0.0	0.0	0.0	0.0
	16.5	23.0	30.3	41.0	44.6	49.8	55.4	61.2	67.1	22.0	28.5	35.2	43.3	54.7	57.9	62.8	68.2	73.9	27.5	34.0	40.5	47.8	56.5	68.3	71.4	75.9	81.1	0.0	13.7	27.3	41.0	54.7	68.3	82.0	95.7	109.3	0.0	0.0	0.0	0.0
11	18.8	25.6	30.6	37.8	41.0	45.1	49.4	53.8	58.2	22.1	28.9	33.8	39.2	47.2	50.1	54.0	58.1	62.5	25.4	32.3	37.1	42.1	48.1	56.6	59.3	62.9	67.0	82.3	81.6	80.6	79.5	78.5	77.5	76.4	75.4	74.4	14.1	14.1	14.1	14.1
	24.7	15.0	8.4	-1.3	-11.0	-19.3	-27.3	-35.2	-43.1	32.2	22.5	16.0	8.7	-1.9	-12.1	-20.7	-28.9	-36.9	39.8	30.0	23.6	16.8	8.7	-2.6	-13.0	-22.0	-30.4	6.3	0.0	-0.6	-1.3	-1.9	-2.6	-3.2	-3.9	-4.5	0.0	0.0	0.0	0.0
	7.3	11.0	17.6	27.3	31.4	36.9	42.8	48.7	54.7	12.7	16.5	23.0	30.3	41.0	44.6	49.8	55.4	61.2	18.0	22.0	28.5	35.2	43.3	54.7	57.9	62.8	68.2	-7.4	0.0	13.7	27.3	41.0	54.7	68.3	82.0	95.7	0.0	0.0	0.0	0.0
12	19.0	25.9	32.8	38.8	42.5	46.8	51.3	55.7	60.1	22.4	29.2	36.1	41.0	48.2	51.4	55.5	59.9	64.2	25.7	32.5	39.4	44.2	49.6	57.6	60.5	64.4	68.6	72.6	71.9	71.2	70.1	69.1	68.1	67.0	66.0	65.0	19.7	19.7	19.7	19.7
	26.8	17.2	7.5	-0.6	-9.6	-17.6	-25.5	-33.3	-41.1	34.3	24.7	15.0	8.4	-1.3	-11.0	-19.3	-27.3	-35.2	41.9	32.2	22.5	16.0	8.7	-1.9	-12.1	-20.7	-28.9	12.6	6.3	0.0	-0.6	-1.3	-1.9	-2.6	-3.2	-3.9	0.0	0.0	0.0	0.0
	-1.5	2.0	5.5	13.7	18.5	24.4	30.4	36.4	42.4	4.0	7.3	11.0	17.6	27.3	31.4	36.9	42.8	48.7	9.3	12.7	16.5	23.0	30.3	41.0	44.6	49.8	55.4	-14.8	-7.4	0.0	13.7	27.3	41.0	54.7	68.3	82.0	0.0	0.0	0.0	0.0
13	19.4	26.2	33.0	39.9	44.3	48.8	53.2	57.6	62.1	22.6	29.5	36.3	43.2	49.3	52.9	57.3	61.7	66.1	25.9	32.8	39.6	46.5	51.4	58.7	61.8	66.0	70.3	62.8	62.1	61.4	60.7	59.7	58.7	57.6	56.6	55.6	25.3	25.3	25.3	25.3
	29.5	19.7	9.8	0.0	-7.8	-15.7	-23.5	-31.3	-39.2	36.6	26.8	17.2	7.5	-0.6	-9.6	-17.6	-25.5	-33.3	44.0	34.3	24.7	15.0	8.4	-1.3	-11.0	-19.3	-27.3	18.9	12.6	6.3	0.0	-0.6	-1.3	-1.9	-2.6	-3.2	0.0	0.0	0.0	0.0
	-12.6	-8.4	-4.2	0.0	6.0	12.1	18.1	24.1	30.2	-5.3	-1.5	2.0	5.5	13.7	18.5	24.4	30.4	36.4	0.5	4.0	7.3	11.0	17.6	27.3	31.4	36.9	42.8	-22.1	-14.8	-7.4	0.0	13.7	27.3	41.0	54.7	68.3	0.0	0.0	0.0	0.0
14	19.8	26.7	33.6	40.6	45.4	50.1	54.8	59.5	64.0	23.0	29.8	36.6	43.5	50.3	54.7	59.2	63.6	68.1	26.2	33.1	39.9	46.8	53.6	59.7	63.3	67.7	72.1	53.1	52.4	51.7	51.0	50.3	49.3	48.2	47.2	46.2	30.8	30.8	30.8	30.8
	35.5	25.7	15.9	6.3	-3.6	-10.2	-17.1	-24.2	-31.5	39.3	29.5	19.7	9.8	0.0	-7.8	-15.7	-23.5	-31.3	46.3	36.6	26.8	17.2	7.5	-0.6	-9.6	-17.6	-25.5	25.2	18.9	12.6	6.3	0.0	-0.6	-1.3	-1.9	-2.6	0.0	0.0	0.0	0.0
	-20.2	-16.0	-11.7	-7.4	-4.0	-0.9	2.8	7.1	11.8	-16.8	-12.6	-8.4	-4.2	0.0	6.0	12.1	18.1	24.1	-9.2	-5.3	-1.5	2.0	5.5	13.7	18.5	24.4	30.4	-29.5	-22.1	-14.8	-7.4	0.0	13.7	27.3	41.0	54.7	0.0	0.0	0.0	0.0
15	20.4	27.3	34.3	41.3	47.4	50.9	55.6	60.4	65.1	23.4	30.2	37.1	44.0	51.0	55.8	60.6	65.3	69.9	26.6	33.4	40.2	47.1	53.9	60.7	65.2	69.6	74.1	43.4	42.7	42.0	41.3	40.6	39.9	38.8	37.8	36.8	36.4	36.4	36.4	36.4
	41.6	31.9	22.2	12.6	-0.2	-7.3	-13.9	-20.5	-27.3	45.3	35.5	25.7	15.9	6.3	-3.6	-10.2	-17.1	-24.2	49.2	39.3	29.5	19.7	9.8	0.0	-7.8	-15.7	-23.5	31.4	25.2	18.9	12.6	6.3	0.0	-0.6	-1.3	-1.9	0.0	0.0	0.0	0.0
	-27.7	-23.4	-19.1	-14.8	-10.4	-8.0	-4.9	-1.8	1.7	-24.4	-20.2	-16.0	-11.7	-7.4	-4.0	-0.9	2.8	7.1	-20.9	-16.8	-12.6	-8.4	-4.2	0.0	6.0	12.1	18.1	-36.9	-29.5	-22.1	-14.8	-7.4	0.0	13.7	27.3	41.0	0.0	0.0	0.0	0.0
16	21.0	28.0	35.0	42.0	49.2	52.9	56.4	61.1	65.9	23.9	30.8	37.7	44.7	51.7	57.9	61.3	66.1	70.8	27.0	33.8	40.7	47.5	54.5	61.4	66.2	71.0	75.7	33.6	32.9	32.2	31.5	30.8	30.1	29.4	28.4	27.4	42.0	42.0	42.0	42.0
	47.8	38.1	28.5	18.9	3.9	-3.8	-10.9	-17.6	-24.1	51.4	41.6	31.9	22.2	12.6	-0.2	-7.3	-13.9	-20.5	55.1	45.3	35.5	25.7	15.9	6.3	-3.6	-10.2	-17.1	37.7	31.4	25.2	18.9	12.6	6.3	0.0	-0.6	-1.3	0.0	0.0	0.0	0.0
	-35.2	-30.9	-26.5	-22.1	-17.0	-14.4	-12.0	-8.7	-5.8	-32.0	-27.7	-23.4	-19.1	-14.8	-10.4	-8.0	-4.9	-1.8	-28.7	-24.4	-20.2	-16.0	-11.7	-7.4	-4.0	-0.9	2.8	-44.3	-36.9	-29.5	-22.1	-14.8	-7.4	0.0	13.7	27.3	0.0	0.0	0.0	0.0
17	21.7	28.7	35.7	42.7	50.7	55.0	58.4	61.9	66.6	24.6	31.5	38.4	45.4	52.4	59.6	63.4	66.8	71.6	27.5	34.4	41.3	48.2	55.1	62.1	68.3	71.7	76.5	23.9	23.2	22.5	21.8	21.1	20.4	19.7	19.0	18.0	47.5	47.5	47.5	47.5
	54.1	44.4	34.8	25.2	8.6	-0.3	-7.3	-14.6	-21.3	57.6	47.8	38.1	28.5	18.9	3.9	-3.8	-10.9	-17.6	61.1	51.4	41.6	31.9	22.2	12.6	-0.2	-7.3	-13.9	44.0	37.7	31.4	25.2	18.9	12.6	6.3	0.0	-0.6	0.0	0.0	0.0	0.0
	-42.6	-38.3	-33.9	-29.5	-23.9	-20.8	-18.5	-16.0	-12.6	-39.5	-35.2	-30.9	-26.5	-22.1	-17.0	-14.4	-12.0	-8.7	-36.2	-32.0	-27.7	-23.4	-19.1	-14.8	-10.4	-8.0	-4.9	-51.7	-44.3	-36.9	-29.5	-22.1	-14.8	-7.4	0.0	13.7	0.0	0.0	0.0	0.0
18	22.4	29.4	36.3	43.4	52.0	56.9	60.5	63.9	67.4	25.2	32.1	39.1	46.1	53.1	61.1	65.4	68.8	72.3	28.1	35.0	41.9	48.8	55.8	62.8	70.1	73.8	77.3	14.2	13.5	12.8	12.1	11.4	10.7	10.0	9.3	8.6	53.1	53.1	53.1	53.1
	60.4	50.7	41.1	31.4	13.7	3.5	-4.0	-10.9	-18.2	63.8	54.1	44.4	34.8	25.2	8.6	-0.3	-7.3	-14.6	67.3	57.6	47.8	38.1	28.5	18.9	3.9	-3.8	-10.9	50.3	44.0	37.7	31.4	25.2	18.9	12.6	6.3	0.0	0.0	0.0	0.0	0.0
	-50.0	-45.6	-41.3	-36.9	-30.8	-27.4	-24.8	-22.5	-20.0	-46.9	-42.6	-38.3	-33.9	-29.5	-23.9	-20.8	-18.5	-16.0	-43.7	-39.5	-35.2	-30.9	-26.5	-22.1	-17.0	-14.4	-12.0	-59.0	-51.7	-44.3	-36.9	-29.5	-22.1	-14.8	-7.4	0.0	0.0	0.0	0.0	0.0
19	28.4	33.3	38.1	43.2	49.0	55.9	65.0	67.4	70.7	31.7	36.6	41.4	46.4	51.8	57.9	65.2	74.4	76.7	35.1	39.9	44.7	49.6	54.8	60.4	66.8	74.4	83.8	92.0	86.0	80.0	74.1	68.1	62.1	56.1	50.1	44.1	58.6	58.6	58.6	58.6
	45.0	38.6	32.1	25.2	17.5	8.2	-3.9	-14.7	-24.1	52.5	46.0	39.6	32.9	25.7	17.5	7.8	-4.5	-15.4	60.0	53.5	47.1	40.6	33.6	26.1	17.5	7.4	-5.2	0.0	-7.8	-15.7	-23.5	-31.3	-39.2	-47.0	-54.8	-62.7	0.0	0.0	0.0	0.0
	33.0	39.5	45.9	52.8	60.6	69.9	82.0	84.9	89.2	38.5	45.0	51.4	58.1	65.3	73.5	83.3	95.7	98.4	44.0	50.5	56.9	63.5	70.4	78.0	86.6	96.8	109.3	0.0	6.0	12.1	18.1	24.1	30.2	36.2	42.2	48.2	0.0	0.0	0.0	0.0
20	28.7	35.6	40.4	45.3	50.7	57.2	66.0	68.5	72.0	32.0	38.9	43.7	48.5	53.7	59.4	66.4	75.4	77.8	35.3	42.2	47.0	51.8	56.8	62.2	68.3	75.6	84.8	85.2	81.6	75.6	69.6	63.6	57.6	51.7	45.7	39.7	64.2	64.2	64.2	64.2
	47.3	37.5	31.1	24.5	17.3	8.5	-3.2	-13.9	-23.1	54.8	45.0	38.6	32.1	25.2	17.5	8.2	-3.9	-14.7	62.3	52.5	46.0	39.6	32.9	25.7	17.5	7.8	-4.5	9.8	0.0	-7.8	-15.7	-23.5	-31.3	-39.2	-47.0	-54.8	0.0	0.0	0.0	0.0
	23.4	27.5	34.0	40.5	47.8	56.5	68.3	71.4	75.9	28.9	33.0	39.5	45.9	52.8	60.6	69.9	82.0	84.9	34.3	38.5	45.0	51.4	58.1	65.3	73.5	83.3	95.7	-4.2	0.0	6.0	12.1	18.1	24.1	30.2	36.2	42.2	0.0	0.0	0.0	0.0
21	29.0	35.8	42.7	47.5	52.5	58.6	67.0	69.7	73.4	32.3	39.2	46.0	50.8	55.7	61.1	67.6	76.4	78.9	35.6	42.5	49.3	54.1	59.0	64.1	69.9	76.8	85.8	78.4	74.8	71.2	65.2	59.2	53.2	47.2	41.2	35.2	69.8	69.8	69.8	69.8
	49.4	39.8	30.0	23.6	16.8	8.7	-2.6	-13.0	-22.0	57.0	47.3	37.5	31.1	24.5	17.3	8.5	-3.2	-13.9	64.5	54.8	45.0	38.6	32.1	25.2	17.5	8.2	-3.9	19.7	9.8	0.0	-7.8	-15.7	-23.5	-31.3	-39.2	-47.0	0.0	0.0	0.0	0.0
	14.6	18.0	22.0	28.5	35.2	43.3	54.7	57.9	62.8	20.0	23.4	27.5	34.0	40.5	47.8	56.5	68.3	71.4	25.3	28.9	33.0	39.5	45.9	52.8	60.6	69.9	82.0	-8.4	-4.2	0.0	6.0	12.1	18.1	24.1	30.2	36.2	0.0	0.0	0.0	0.0
22	29.2	36.1	43.0	49.8	54.6	60.1	68.1	70.9	74.8	32.6	39.4	46.3	53.1	57.9	63.0	69.0	77.5	80.1	35.9	42.7	49.6	56.4	61.2	66.1	71.5	78.1	86.9	71.5	67.9	64.3	60.7	54.7	48.8	42.8	36.8	30.8	75.3	75.3	75.3	75.3
	51.5	41.9	32.2	22.5	16.0	8.7	-1.9	-12.1	-20.7	59.0	49.4	39.8	30.0	23.6	16.8	8.7	-2.6	-13.0	66.6	57.0	47.3	37.5	31.1	24.5	17.3	8.5	-3.2	29.5	19.7	9.8	0.0	-7.8	-15.7	-23.5	-31.3	-39.2	0.0	0.0	0.0	0.0
	6.0	9.3	12.7	16.5	23.0	30.3	41.0	44.6	49.8	11.3	14.6	18.0	22.0	28.5	35.2	43.3	54.7	57.9	16.6	20.0	23.4	27.5	34.0	40.5	47.8	56.5	68.3	-12.6	-8.4	-4.2	0.0	6.0	12.1	18.1	24.1	30.2	0.0	0.0	0.0	0.0
23	29.5	36.4	43.2	50.1	56.9	61.8	69.1	72.3	76.4	32.8	39.7	46.5	53.4	60.2	65.1	70.5	78.5	81.4	36.1	43.0	49.8	56.7	63.5	68.4	73.4	79.4	87.9	64.7	61.1	57.5	53.9	50.3	44.3	38.3	32.3	26.4	80.9	80.9	80.9	80.9
	53.7	44.0	34.3	24.7	15.0	8.4	-1.3	-11.0	-19.3	61.2	51.5	41.9	32.2	22.5	16.0	8.7	-1.9	-12.1	68.7	59.0	49.4	39.8	30.0	23.6	16.8	8.7	-2.6	39.3	29.5	19.7	9.8	0.0	-7.8	-15.7	-23.5	-31.3	0.0	0.0	0.0	0.0
	-3.1	0.5	4.0	7.3	11.0	17.6	27.3	31.4	36.9	2.5	6.0	9.3	12.7	16.5	23.0	30.3	41.0	44.6	7.9	11.3	14.6	18.0	22.0	28.5	35.2	43.3	54.7	-16.8	-12.6	-8.4	-4.2	0.0	6.0	12.1	18.1	24.1	0.0	0.0	0.0	0.0
24	29.8	36.7	43.5	50.3	57.2	64.0	70.1	73.8	78.1	33.1	39.9	46.8	53.6	60.5	67.4	72.3	79.5	82.7	36.4	43.3	50.1	57.0	63.8	70.7	75.5	80.9	88.9	57.9	54.3	50.7	47.1	43.5	39.9	33.9	27.9	21.9	86.5	86.5	86.5	86.5
	56.1	46.3	36.6	26.8	17.2	7.5	-0.6	-9.6	-17.6	63.4	53.7	44.0	34.3	24.7	15.0	8.4	-1.3	-11.0	70.8	61.2	51.5	41.9	32.2	22.5	16.0	8.7	-1.9	49.2	39.3	29.5	19.7	9.8	0.0	-7.8	-15.7	-23.5	0.0	0.0	0.0	0.0
	-13.1	-9.2	-5.3	-1.5	2.0	5.5	13.7	18.5	24.4	-6.8	-3.1	0.5	4.0	7.3	11.0	17.6	27.3	31.4	-1.0	2.5	6.0	9.3	12.7	16.5	23.0	30.3	41.0	-20.9	-16.8	-12.6	-8.4	-4.2	0.0	6.0	12.1	18.1	0.0	0.0	0.0	0.0
25	30.2	37.0	43.8	50.7	57.5	64.3	71.2	75.6	80.0	33.4	40.2	47.1	53.9	60.8	67.6	74.5	80.6	84.2	36.7	43.5	50.4	57.2	64.1	70.9	77.8	82.7	90.0	51.0	47.4	43.8	40.2	36.6	33.0	29.4	23.5	17.5	92.0	92.0	92.0	92.0
	59.0	49.2	39.3	29.5	19.7	9.8	0.0	-7.8	-15.7	65.9	56.1	46.3	36.6	26.8	17.2	7.5	-0.6	-9.6	73.1	63.4	53.7	44.0	34.3	24.7	15.0	8.4	-1.3	59.0	49.2	39.3	29.5	19.7	9.8	0.0	-7.8	-15.7	0.0	0.0	0.0	0.0
	-25.1	-20.9	-16.8	-12.6	-8.4	-4.2	0.0	6.0	12.1	-17.2	-13.1	-9.2	-5.3	-1.5	2.0	5.5	13.7	18.5	-10.6	-6.8	-3.1	0.5	4.0	7.3	11.0	17.6	27.3	-25.1	-20.9	-16.8	-12.6	-8.4	-4.2	0.0	6.0	12.1	0.0	0.0	0.0	0.0
26	30.5	37.4	44.2	51.1	58.0	64.9	71.9	76.7	81.4	33.8	40.6	47.4	54.3	61.1	67.9	74.8	81.6	86.0	37.0	43.8	50.7	57.5	64.4	71.2	78.0	84.9	91.0	44.2	40.6	37.0	33.4	29.8	26.2	22.6	19.0	13.0	8.6	35.1	83.8	44.1
	64.9	55.1	45.3	35.5	25.7	15.9	6.3	-3.6	-10.2	68.8	59.0	49.2	39.3	29.5	19.7	9.8	0.0	-7.8	75.7	65.9	56.1	46.3	36.6	26.8	17.2	7.5	-0.6	68.8	59.0	49.2	39.3	29.5	19.7	9.8	0.0	-7.8	0.0	60.0	-5.2	-62.7
	-32.9	-28.7	-24.4	-20.2	-16.0	-11.7	-7.4	-3.6	-0.9	-29.3	-25.1	-20.9	-16.8	-12.6	-8.4	-4.2	0.0	6.0	-21.2	-17.2	-13.1	-9.2	-5.3	-1.5	2.0	5.5	13.7	-29.3	-25.1	-20.9	-16.8	-12.6	-8.4	-4.2	0.0	6.0	0.0	44.0	109.3	48.2
27	31.0	37.9	44.8	51.7	58.6	65.6	72.6	78.7	82.2	34.1	41.0	47.8	54.7	61.5	68.4	75.3	82.3	87.1	37.4	44.2	51.0	57.9	64.7	71.5	78.4	85.2	92.0	37.4	33.8	30.2	26.6	23.0	19.4	15.8	12.2	8.6	92.0	52.7	14.2	37.4
	70.9	61.1	51.4	41.6	31.9	22.2	12.6	-0.2	-7.3	74.7	64.9	55.1	45.3	35.5	25.7	15.9	6.3	-3.6	78.6	68.8	59.0	49.2	39.3	29.5	19.7	9.8	0.0	78.6	68.8	59.0	49.2	39.3	29.5	19.7	9.8	0.0	0.0	-29.1	50.3	78.6
	-40.5	-36.2	-32.0	-27.7	-23.4	-19.1	-14.8	-10.4	-8.0	-37.1	-32.9	-28.7	-24.4	-20.2	-16.0	-11.7	-7.4	-4.0	-33.5	-29.3	-25.1	-20.9	-16.8	-12.6	-8.4	-4.2	0.0	-33.5	-29.3	-25.1	-20.9	-16.8	-12.6	-8.4	-4.2	0.0	0.0	-32.0	-59.0	-33.5

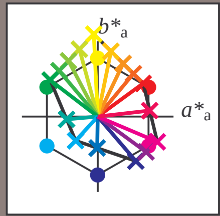
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

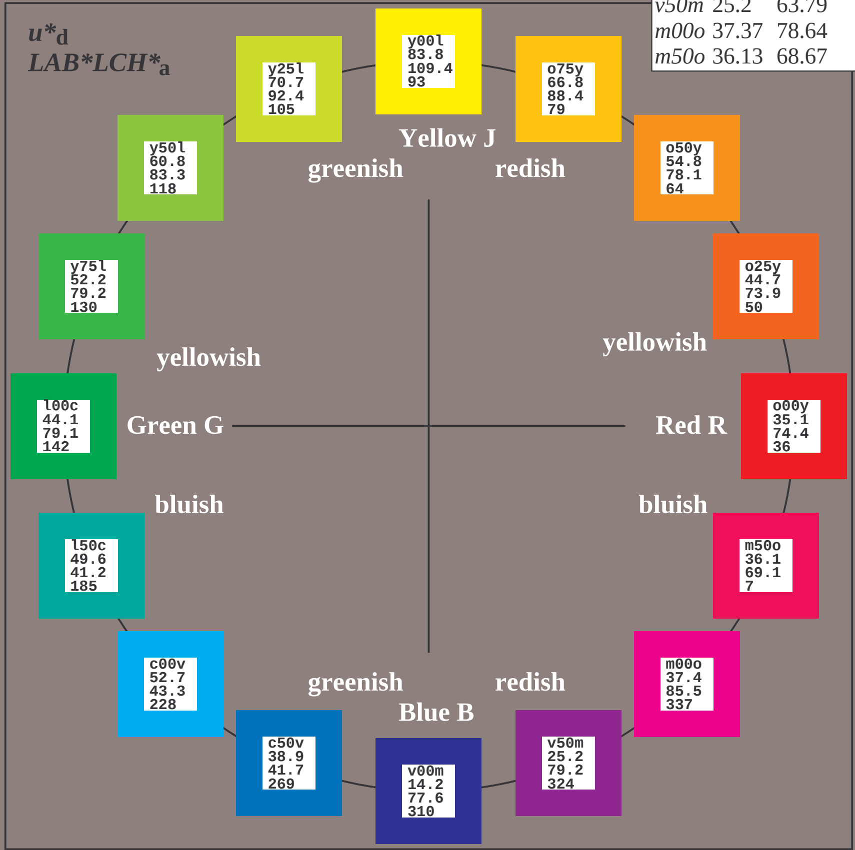
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

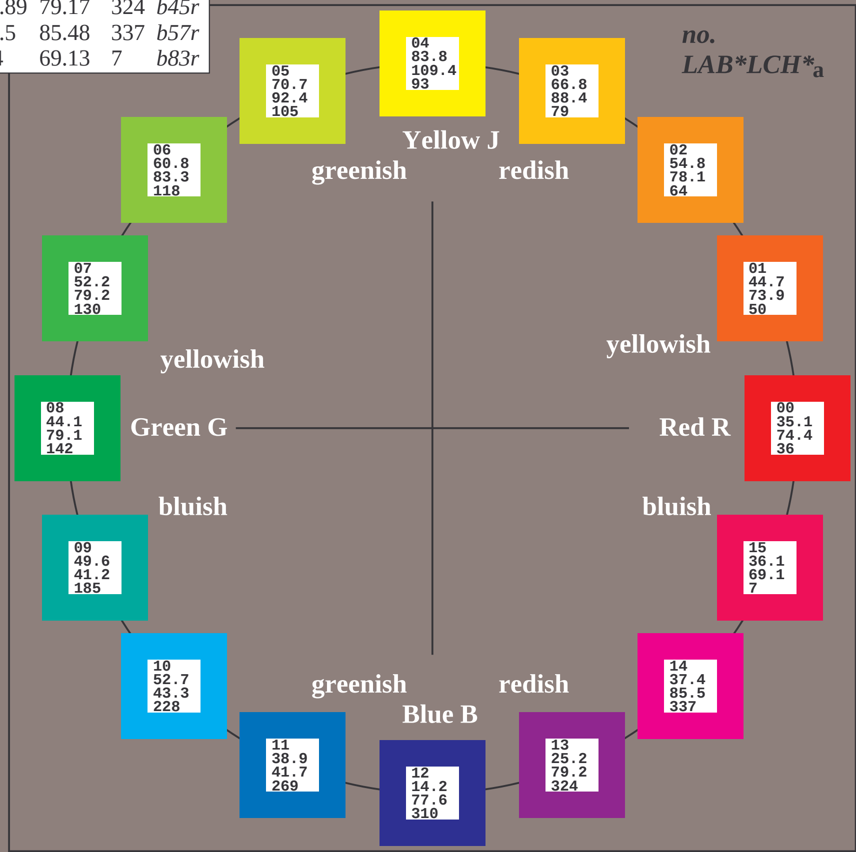


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





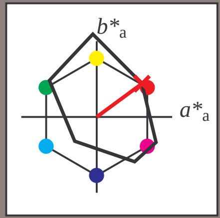
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

$u^*_d = o00y$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

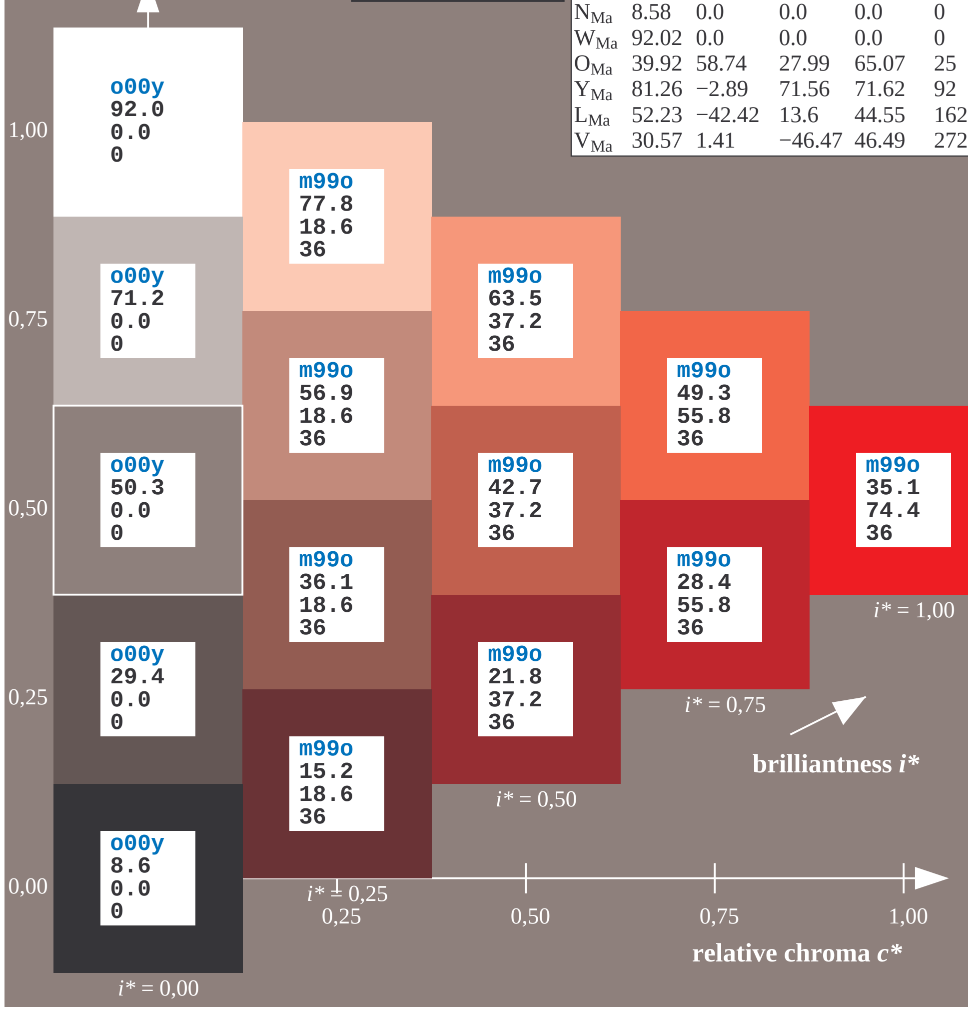


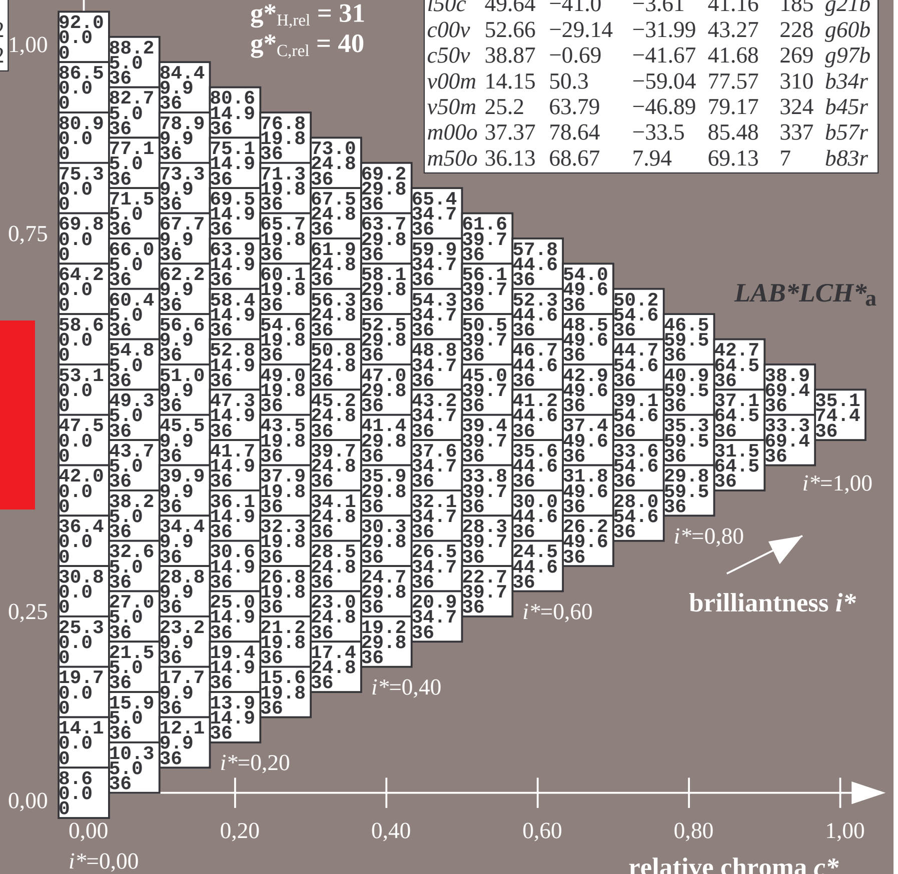
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 60 44
$LAB^*LCH^*_{Ma}$: 35 74 36
$lab^*olv^*_{Ma}$: 1.0 0.0 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

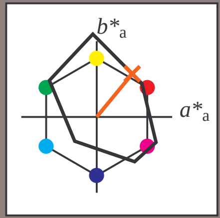
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

$u^*_d = o25y$
*LAB*LCH*a*

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = o25y$ $u^*_e = r37j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

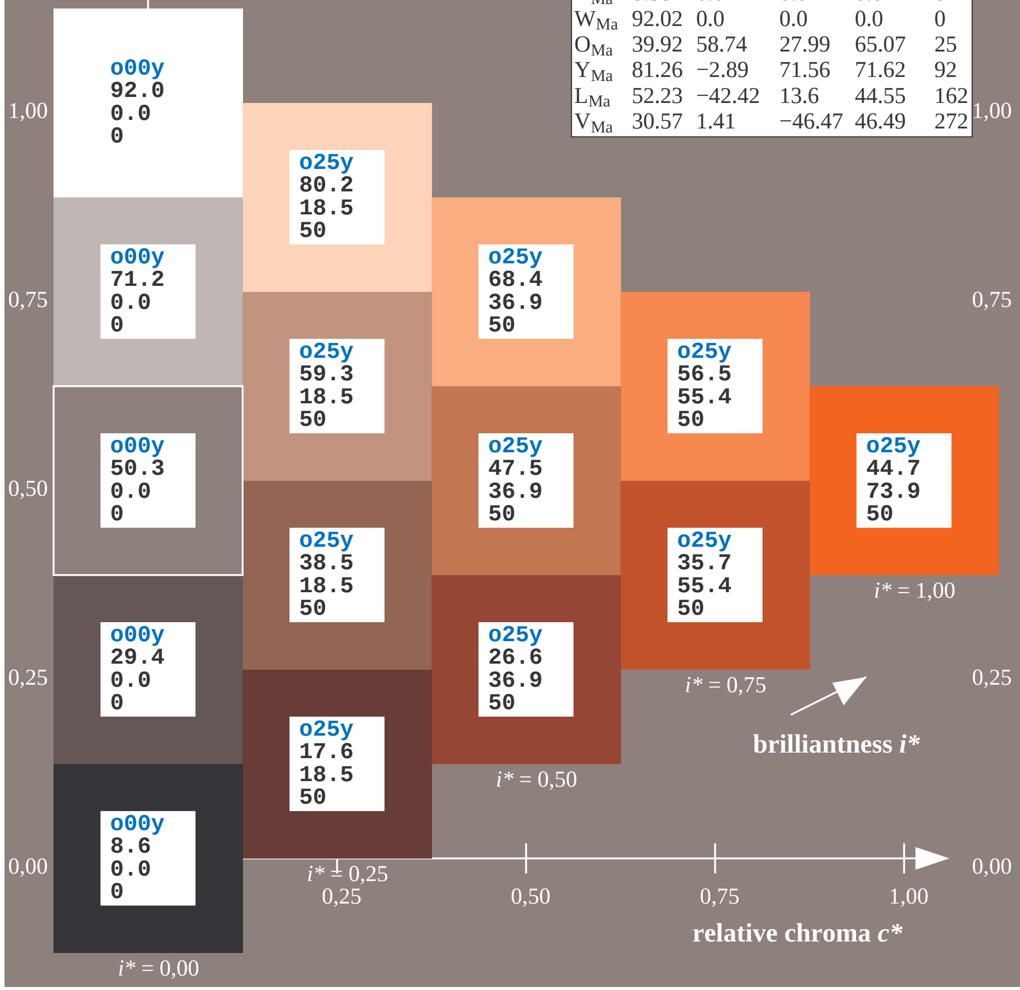


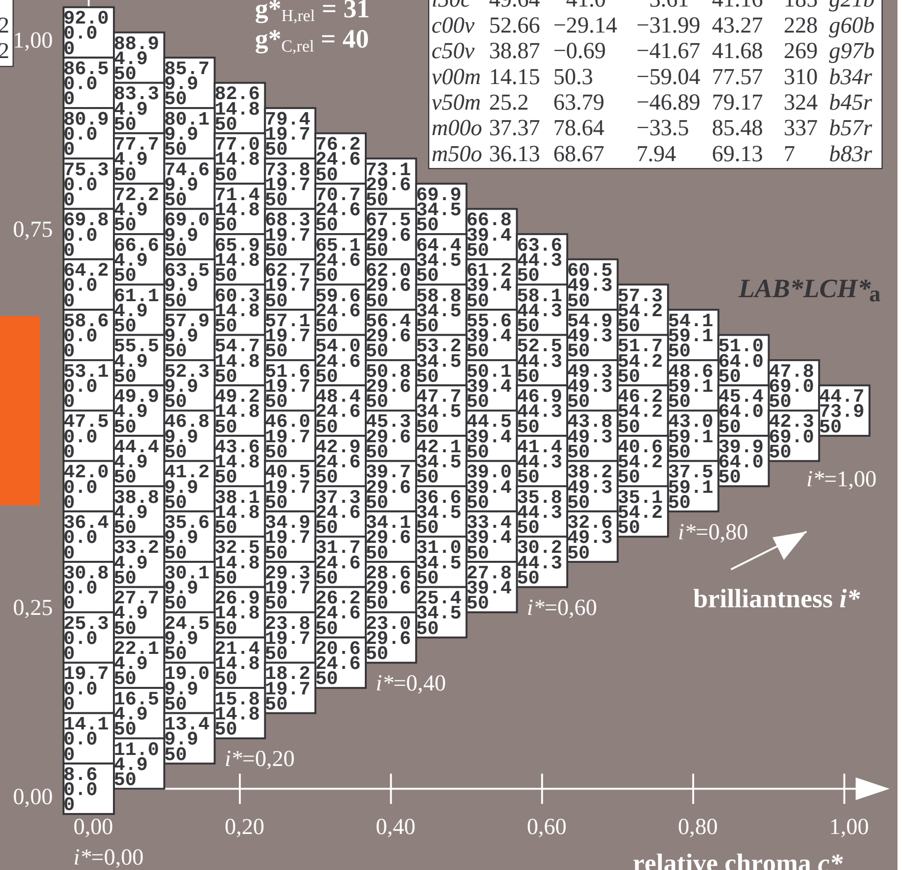
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 45 47 57
*LAB*LCH**$_{Ma}$: 45 74 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

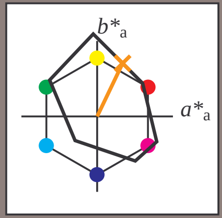
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

u^*_d = o50y
*LAB*LCH*$_a$*

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o50y u^*_e = r58j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

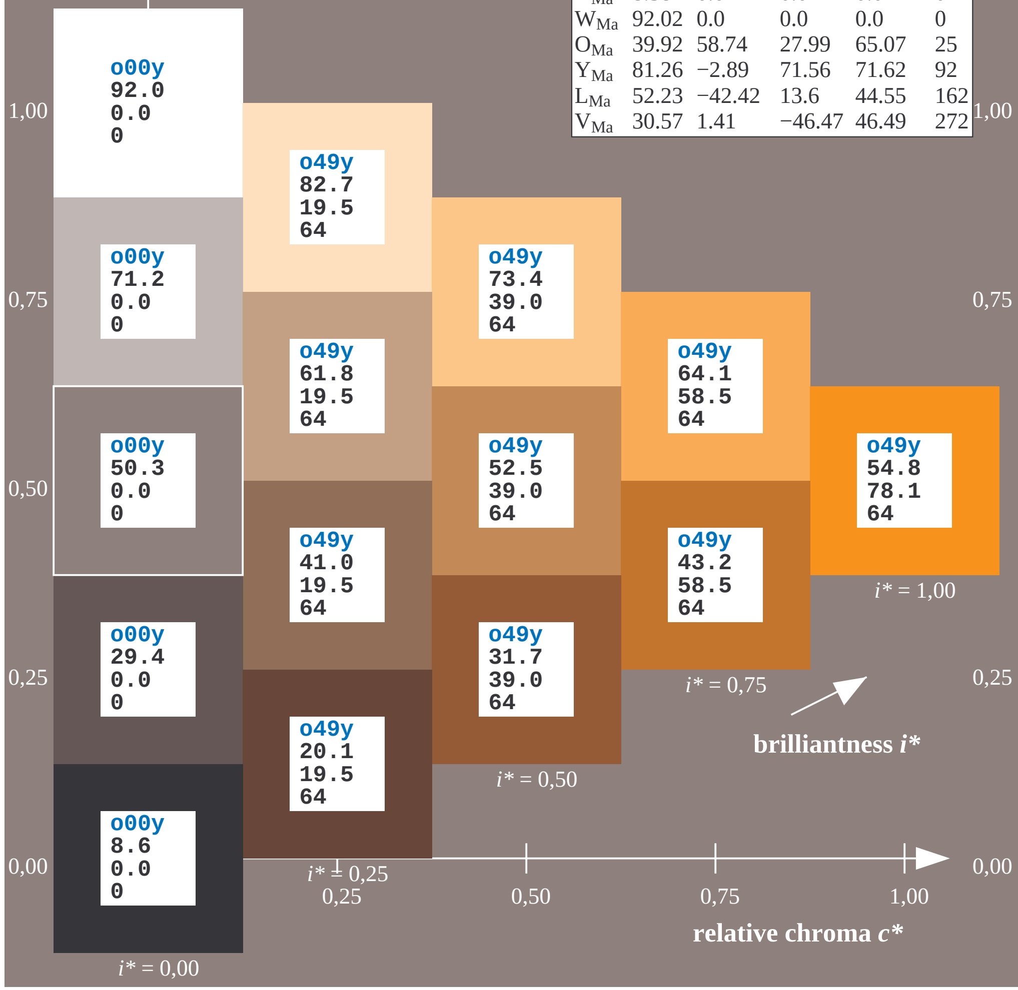


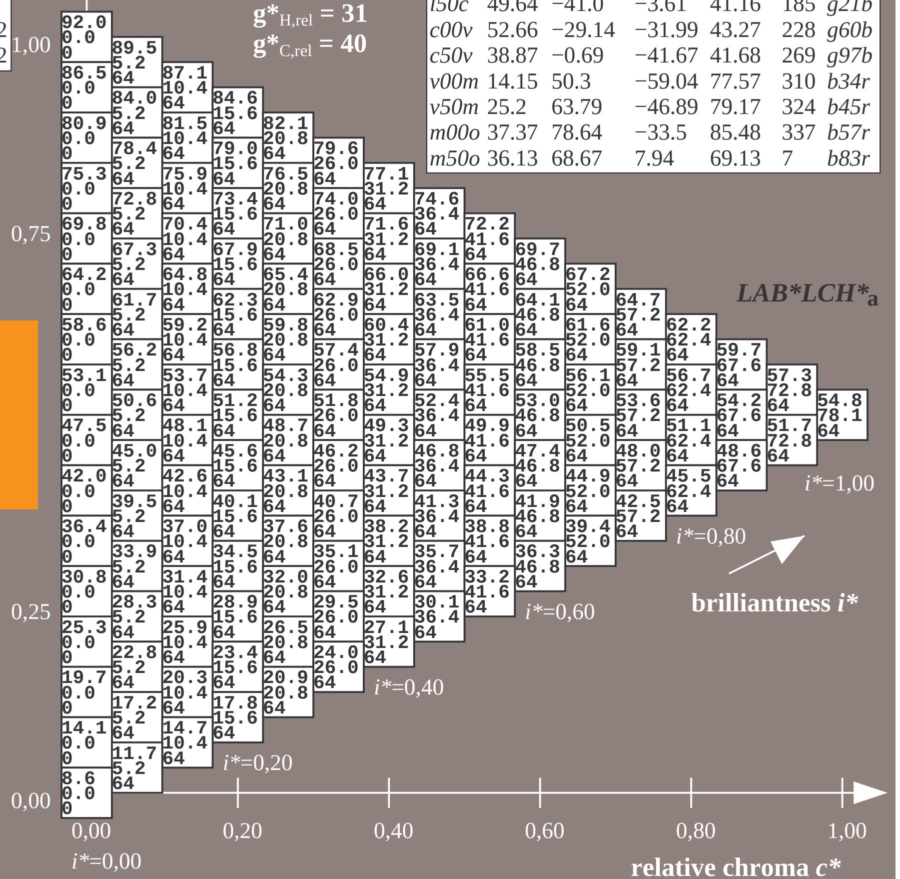
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 55 34 70**
***LAB*LCH*$_{Ma}$*: 55 78 64**
***lab*olv*$_{Ma}$*: 1.0 0.5 0.0**
***lab*rgb*$_{Ma}$*: 1.0 0.58 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

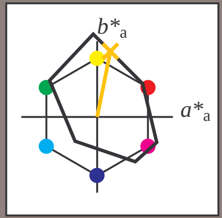
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

$u^*_d = o75y$

*LAB*LCH*a*

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_d = o75y$ $u^*_e = r79j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

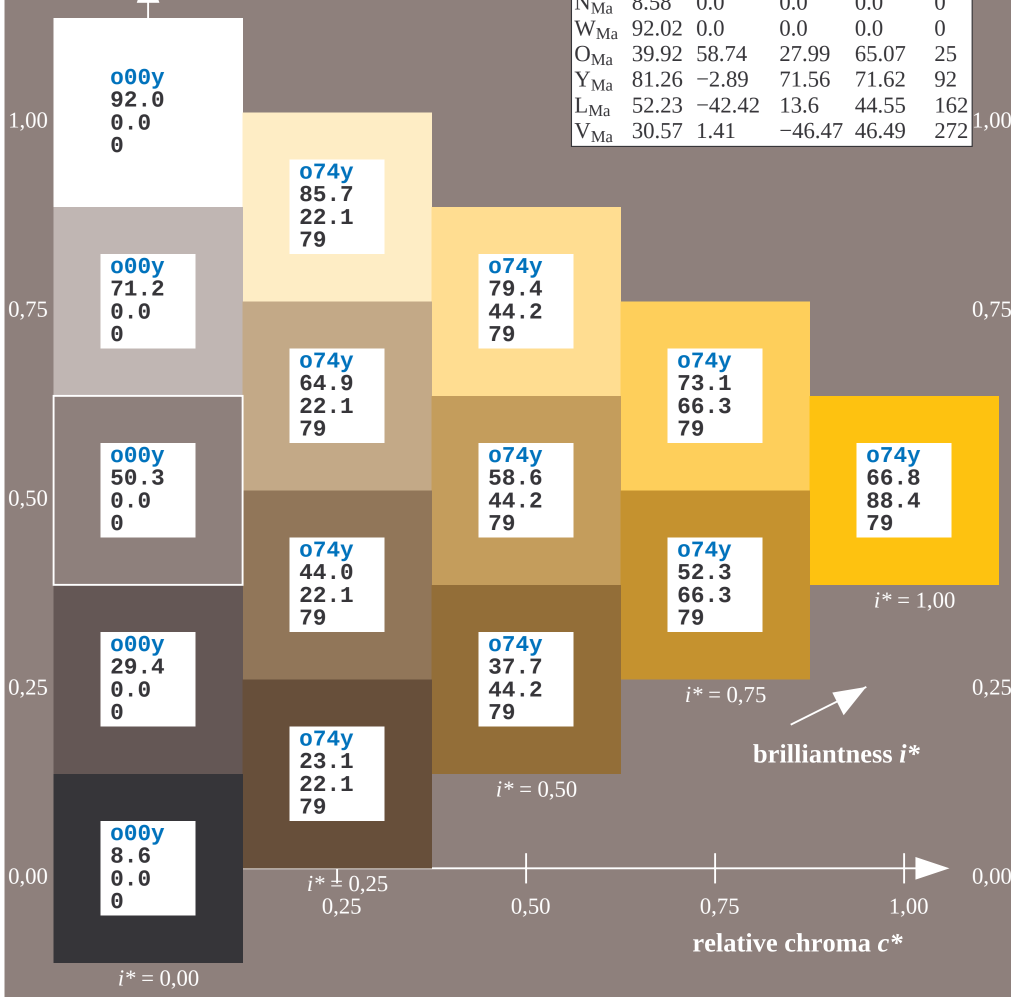


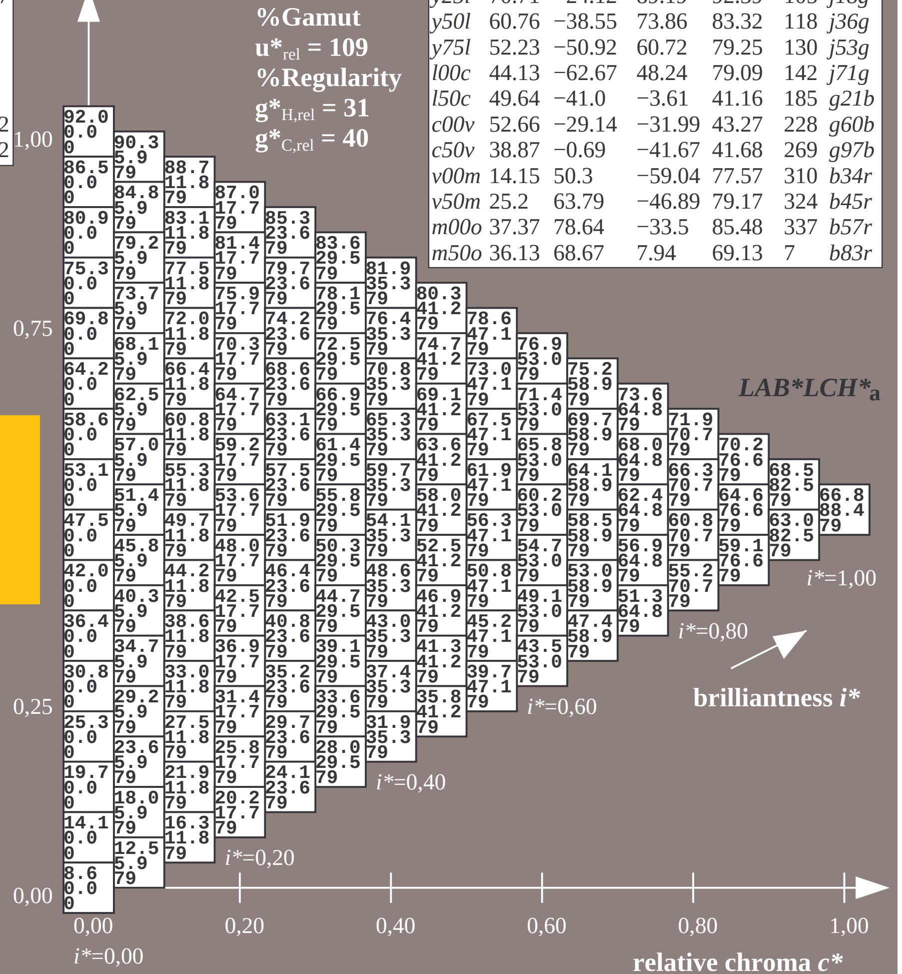
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 67 17 87
$LAB^*LCH^*_{Ma}$: 67 88 78
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





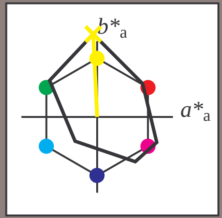
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$ $u^*_d = y00l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

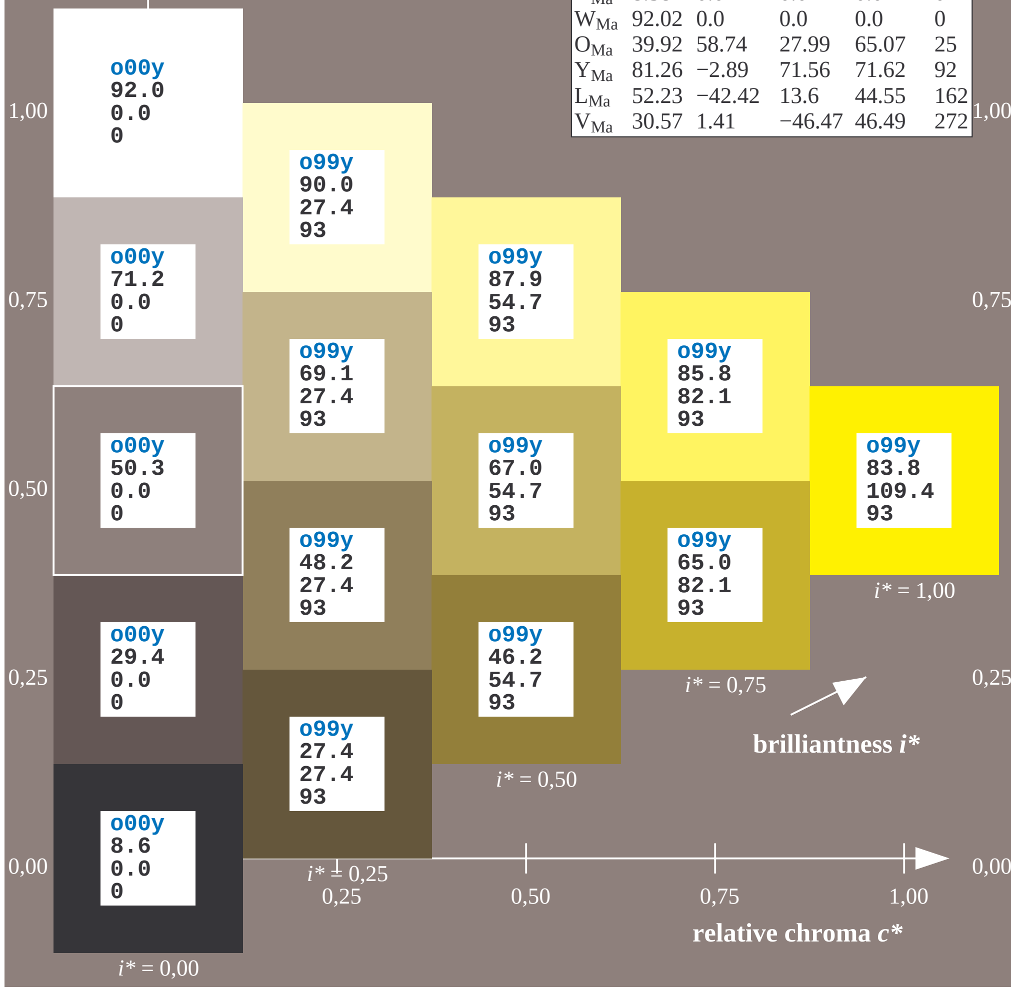


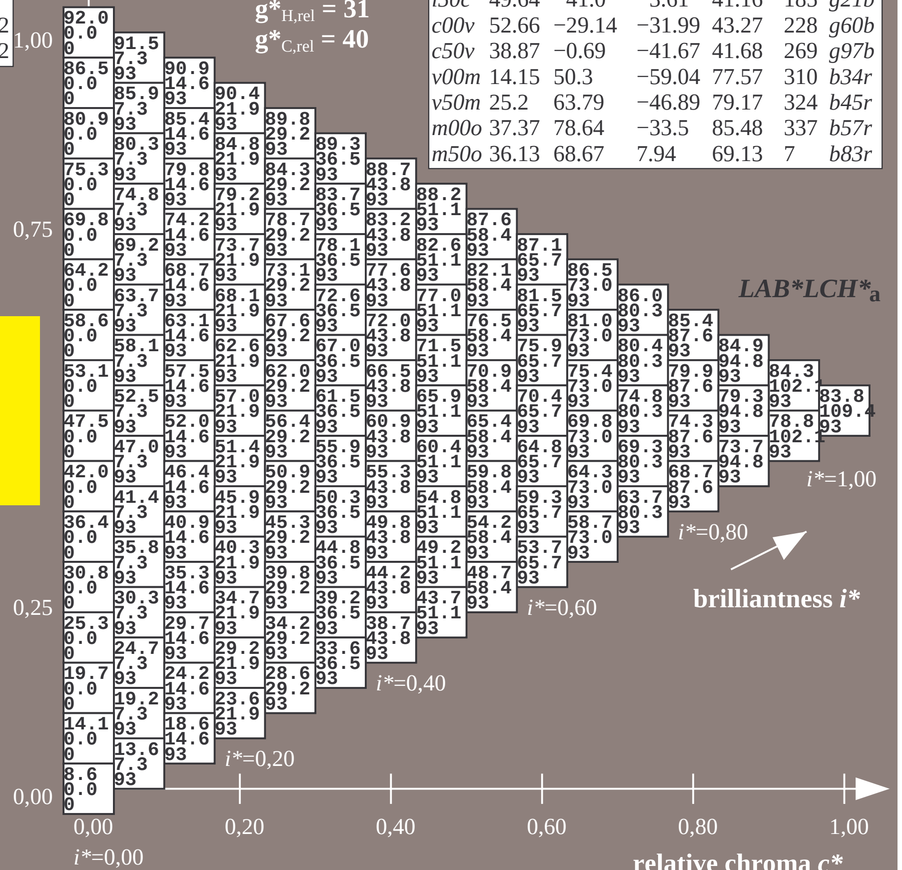
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma): ***LAB*LCH*a***
***LAB*LAB*Ma*: 84 −5 109**
***LAB*LCH*Ma*: 84 109 92**
***lab*olv*Ma*: 1.0 1.0 0.0**
***lab*rgb*Ma*: 0.99 1.0 0.0**
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

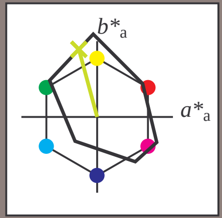
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

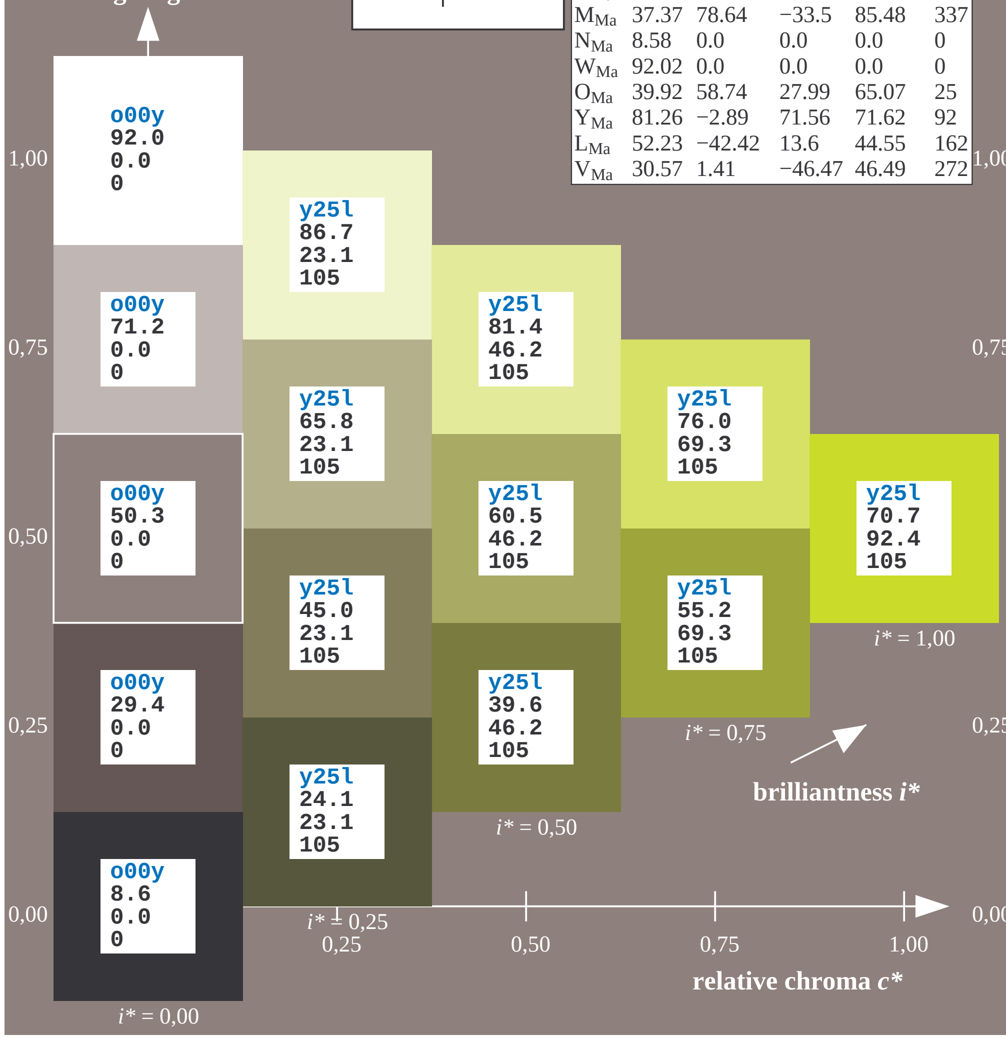


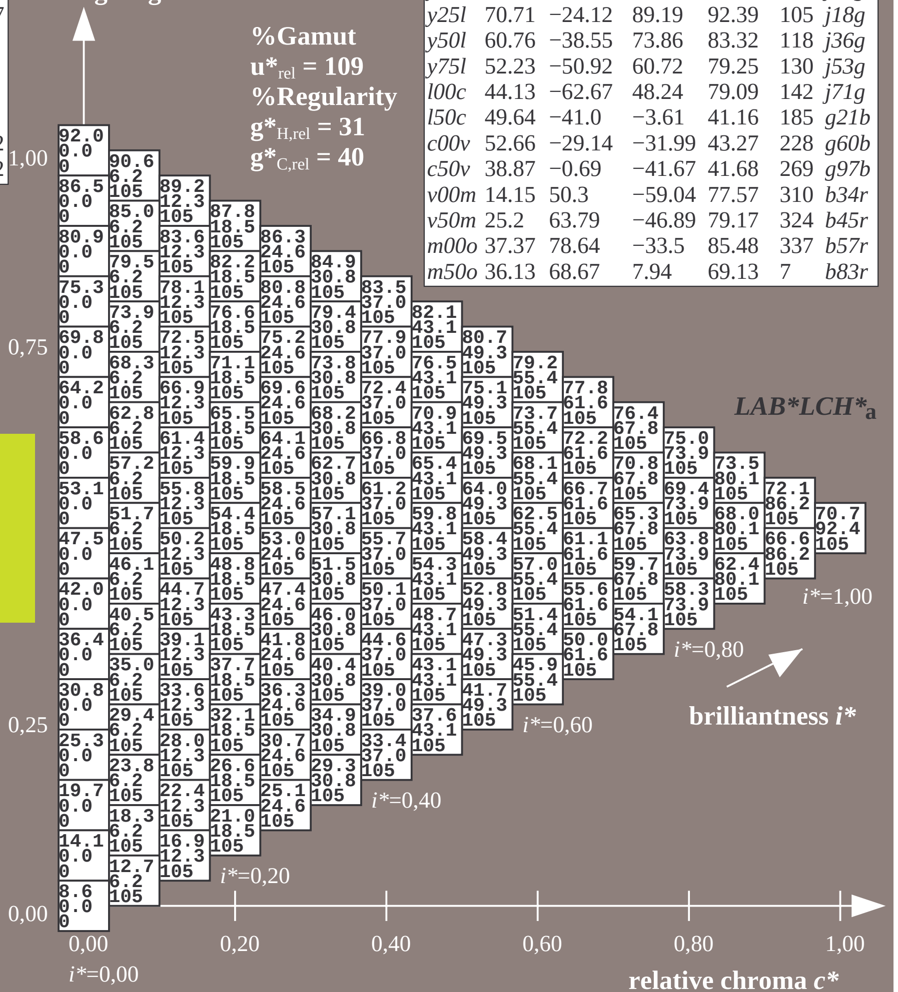
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 71 −24 89
$LAB^*LCH^*_{Ma}$: 71 92 105
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





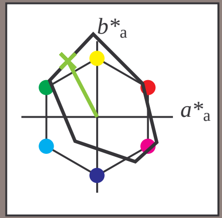
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

$u^*_d = y50l$
*LAB*LCH*a*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

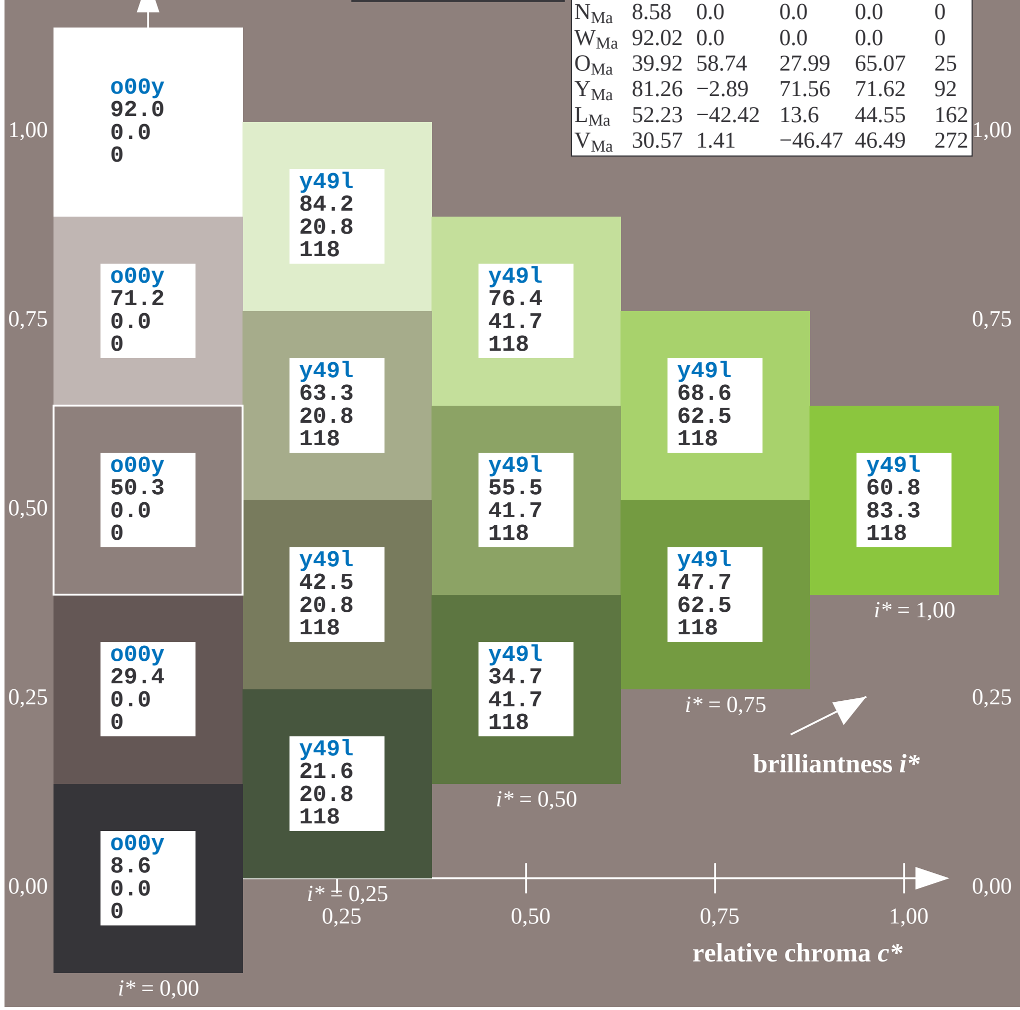


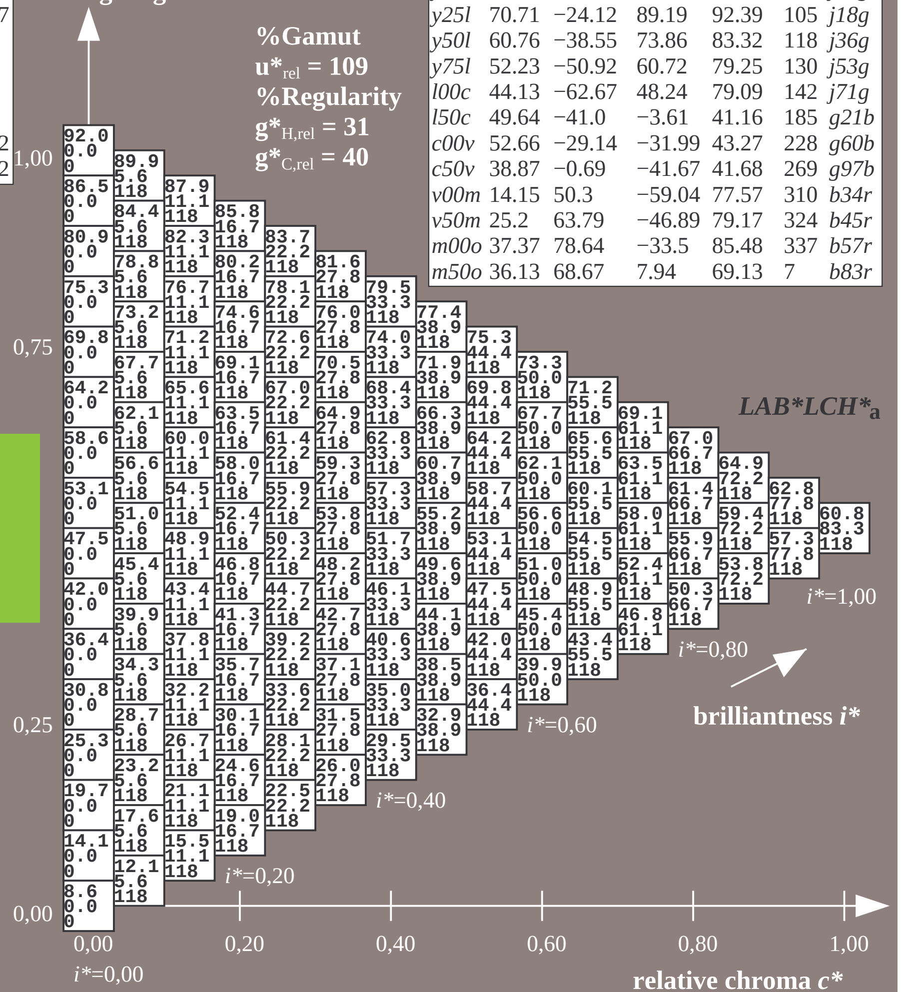
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 61 −39 74
*LAB*LCH*Ma*: 61 83 117
*lab*olv*Ma*: 0.5 1.0 0.0
*lab*rgb*Ma*: 0.64 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

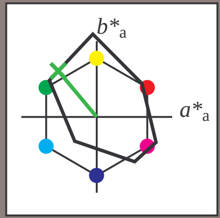
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

$u^*_d = y75l$

LAB*LCH*$_a$

data for any colour:
*lab*tch* and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

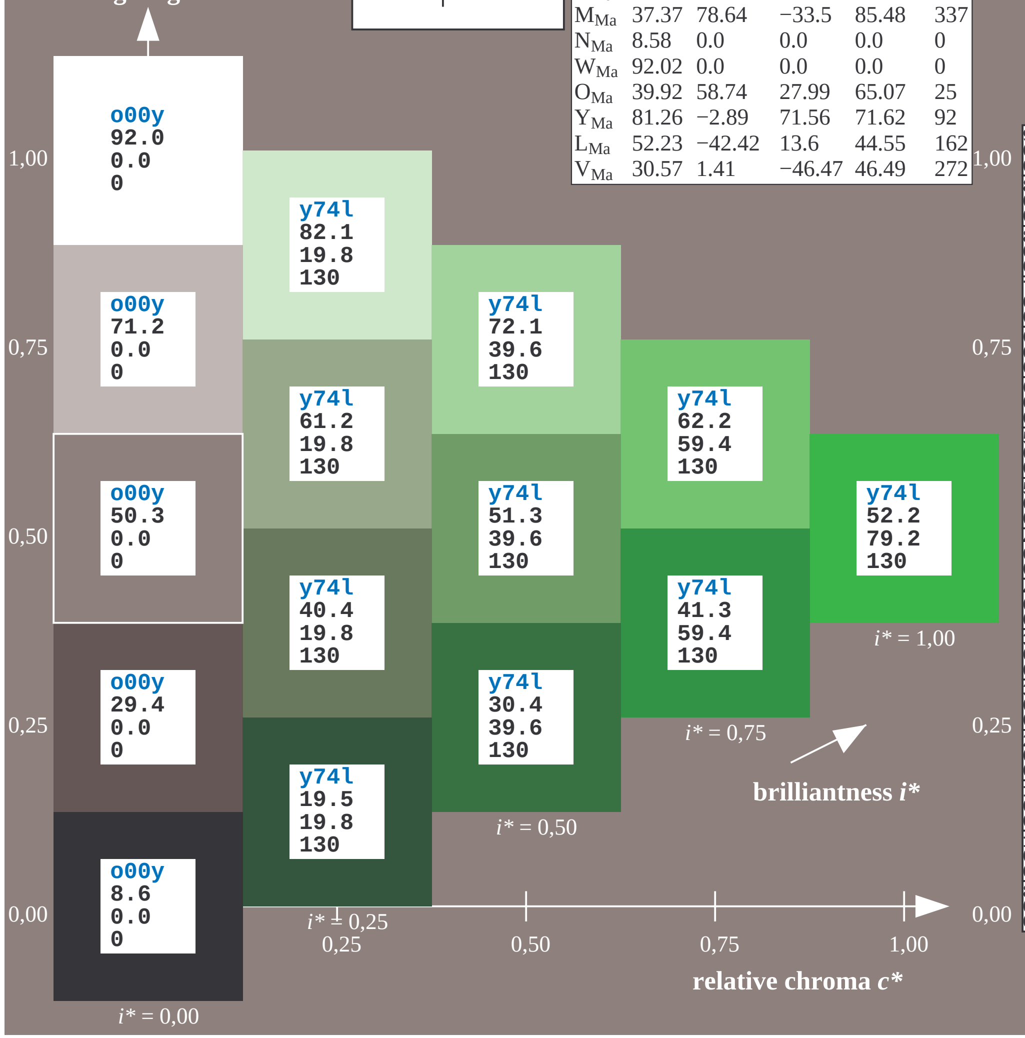


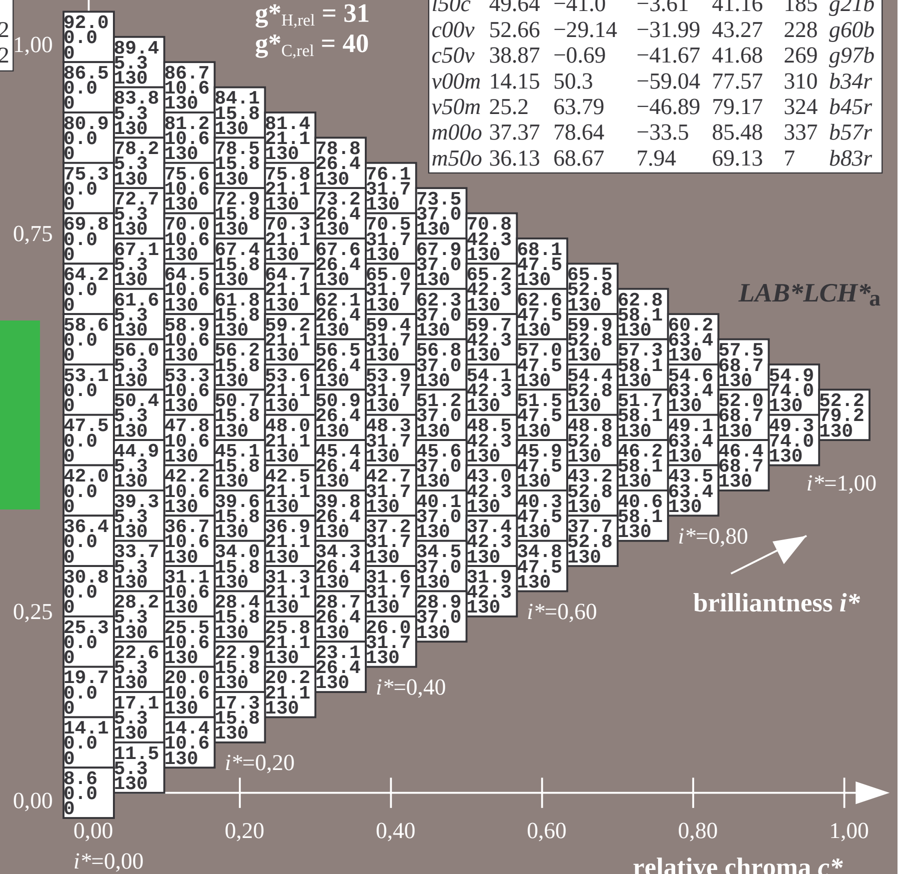
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −51 61
*LAB*LCH**$_{Ma}$: 52 79 129
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.46 1.0 0.0
triangle lightness t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

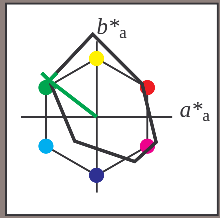
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

$u^*_d = l00c$

*LAB*LCH*a*

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

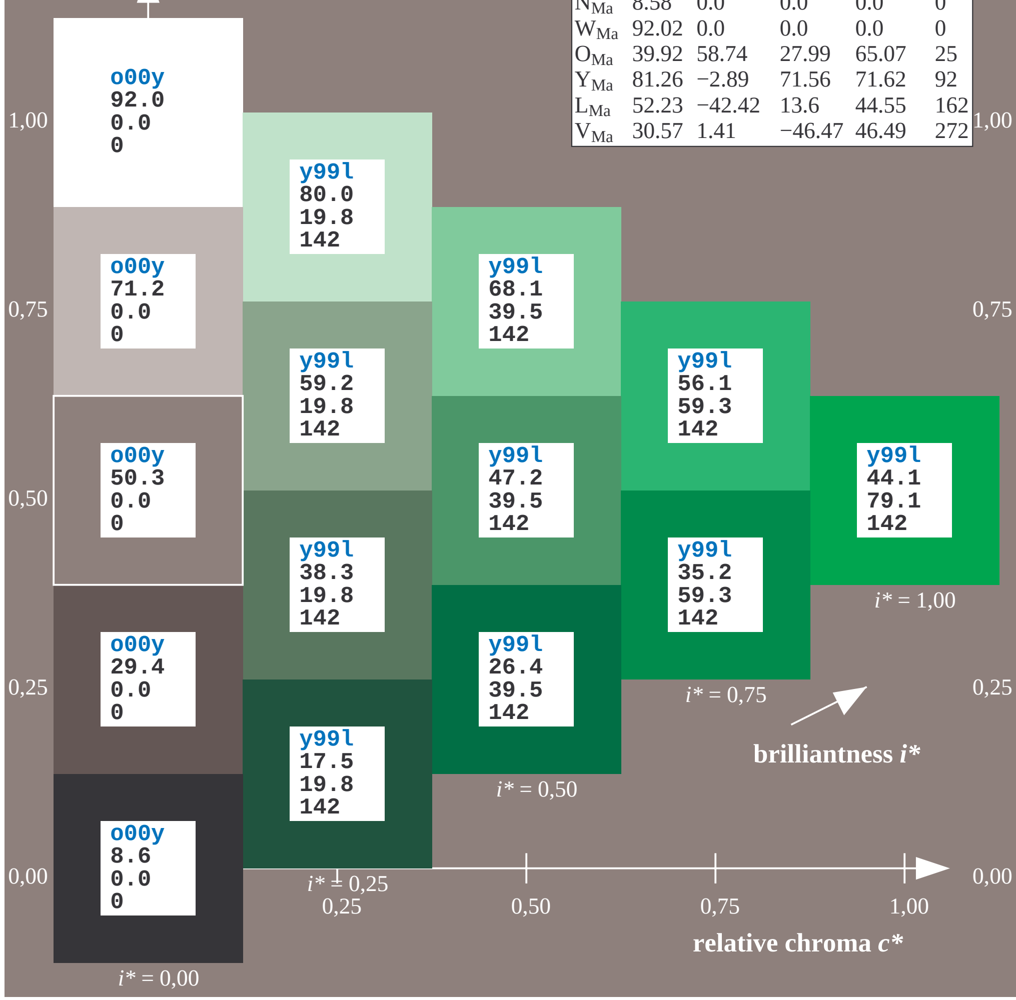


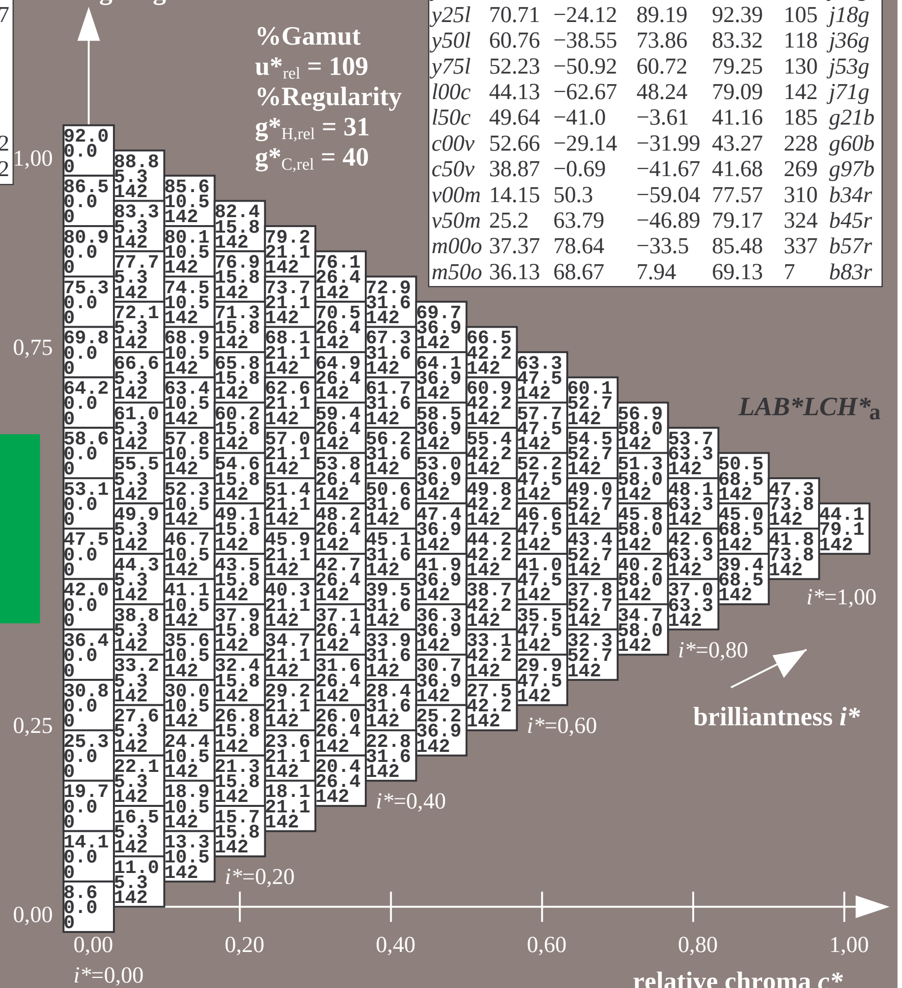
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 44 −63 48
$LAB^*LCH^*_{Ma}$: 44 79 142
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0
triangle lightness t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$ *u^*_d = l50c*

data for any colour: *LAB*LCH*$_a$*

*lab*tch** and *lab*icu**

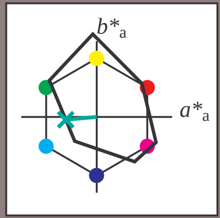
Hue texts:

u^*_d = l50c *u^*_e = g21b*

contrast reduction factor:

c_R = 1.0

triangle lightness *t*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

*LAB*LAB*$_{Ma}$*: 50 −41 −4

*LAB*LCH*$_{Ma}$*: 50 41 185

*lab*olv*$_{Ma}$*: 0.0 1.0 0.5

*lab*rgb*$_{Ma}$*: 0.0 1.0 0.42

triangle lightness *t*

%Gamut

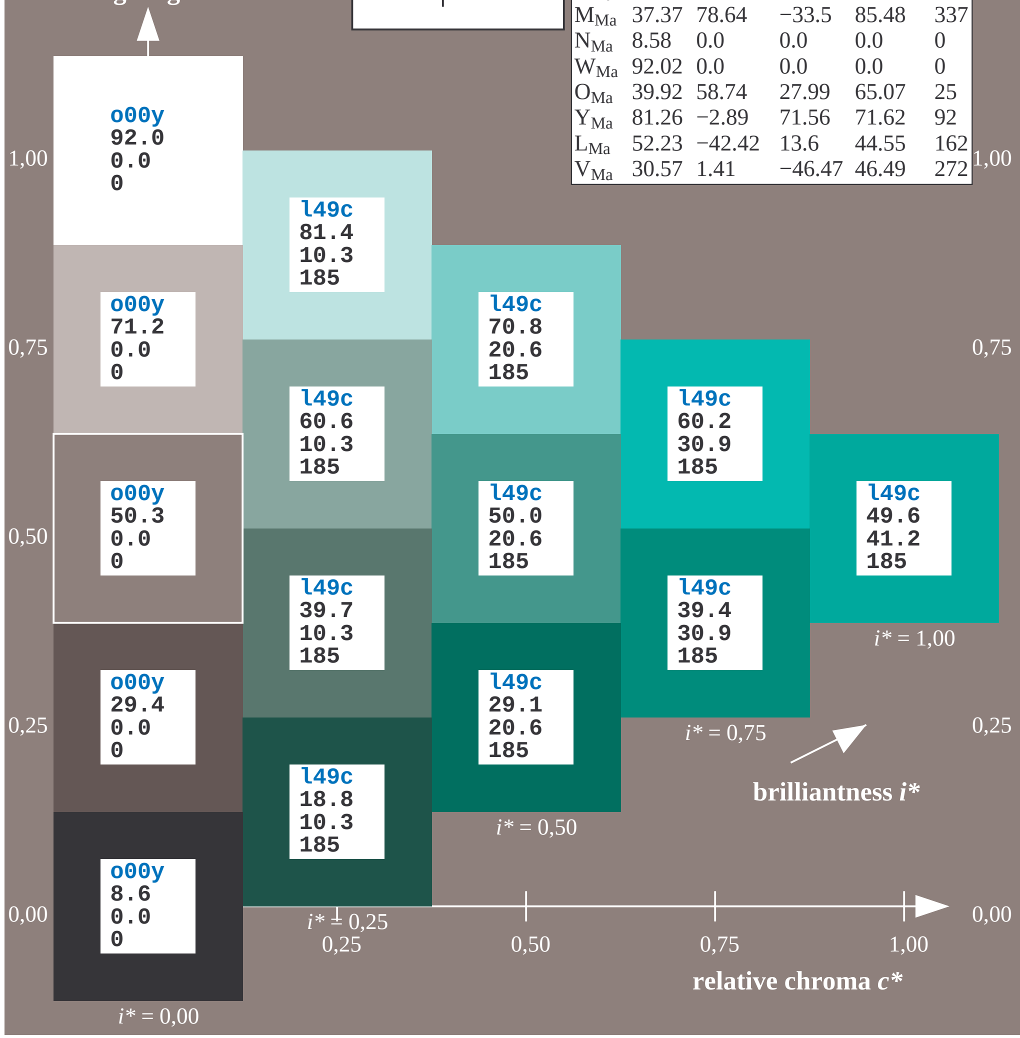
u^*_{rel} = 109

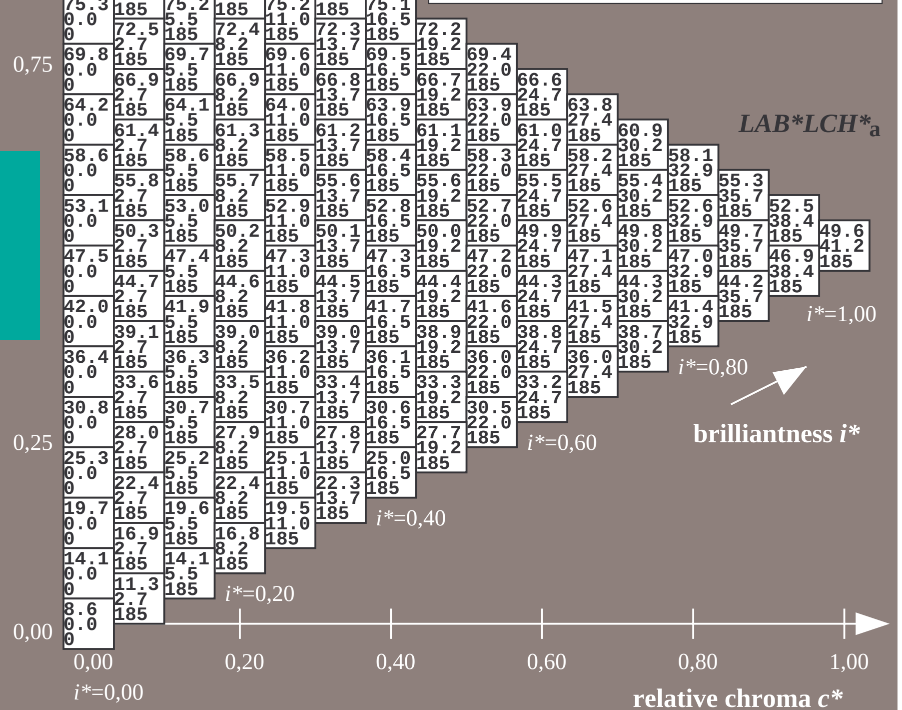
%Regularity

$g^*_{H,rel}$ = 31

$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

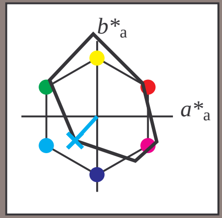
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$

*LAB*LCH*a*

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

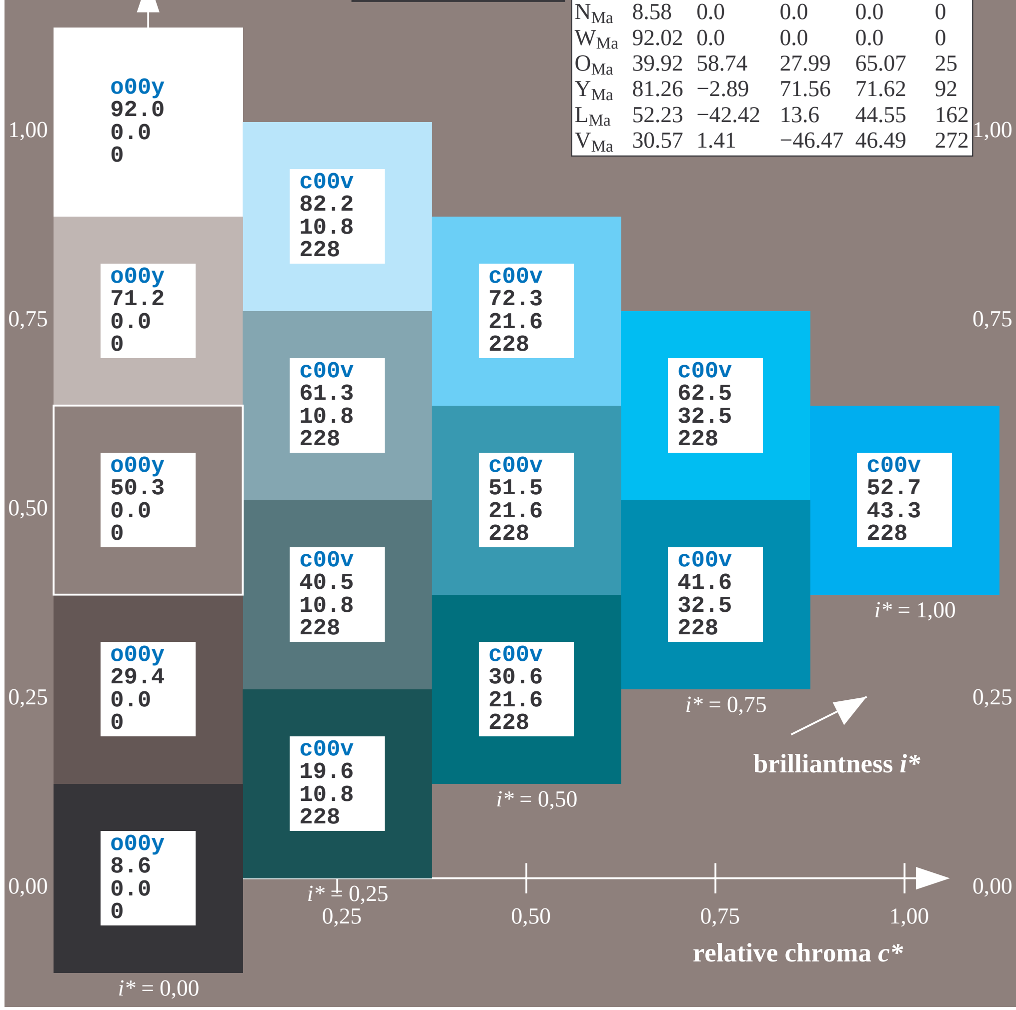


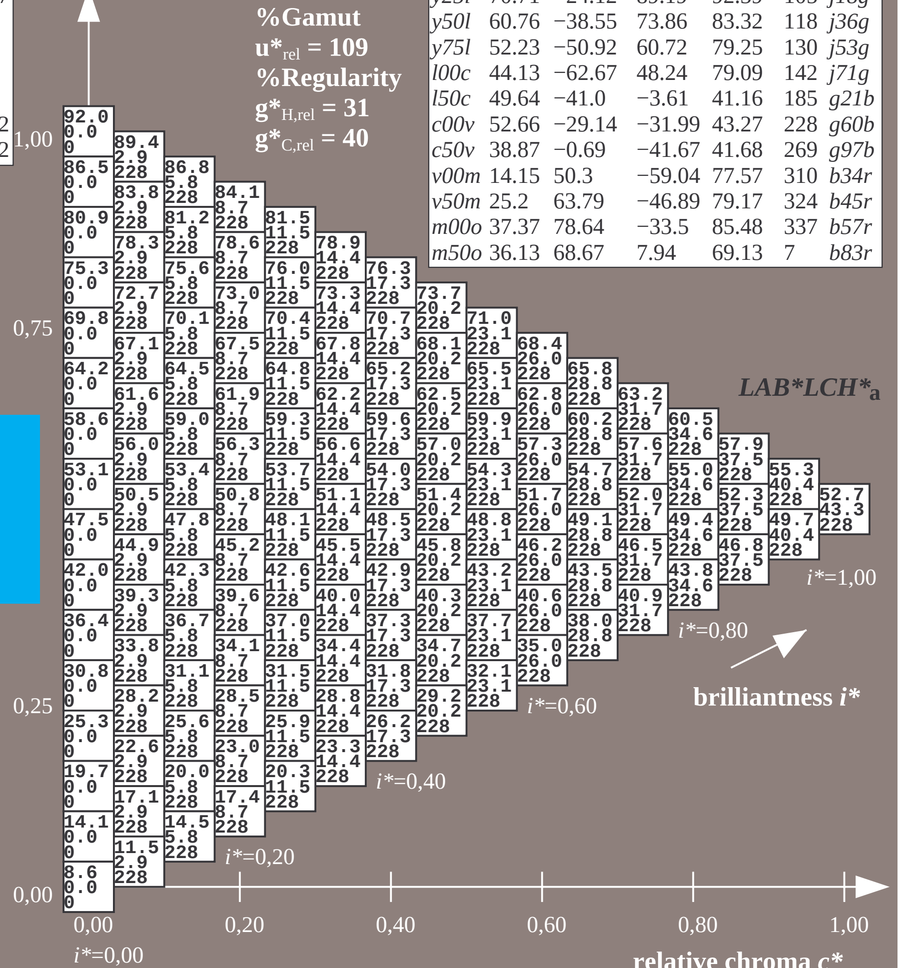
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −29 −32
$LAB^*LCH^*_{Ma}$: 53 43 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$ *$u^*_d = c50v$*

data for any colour: **Data for maximum colour (Ma):** *$LAB^*LCH^*_a$*

lab*tch* and *lab*icu

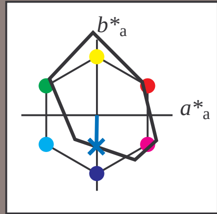
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

***$LAB^*LAB^*_{Ma}$*: 39 −1 −42**

***$LAB^*LCH^*_{Ma}$*: 39 42 269**

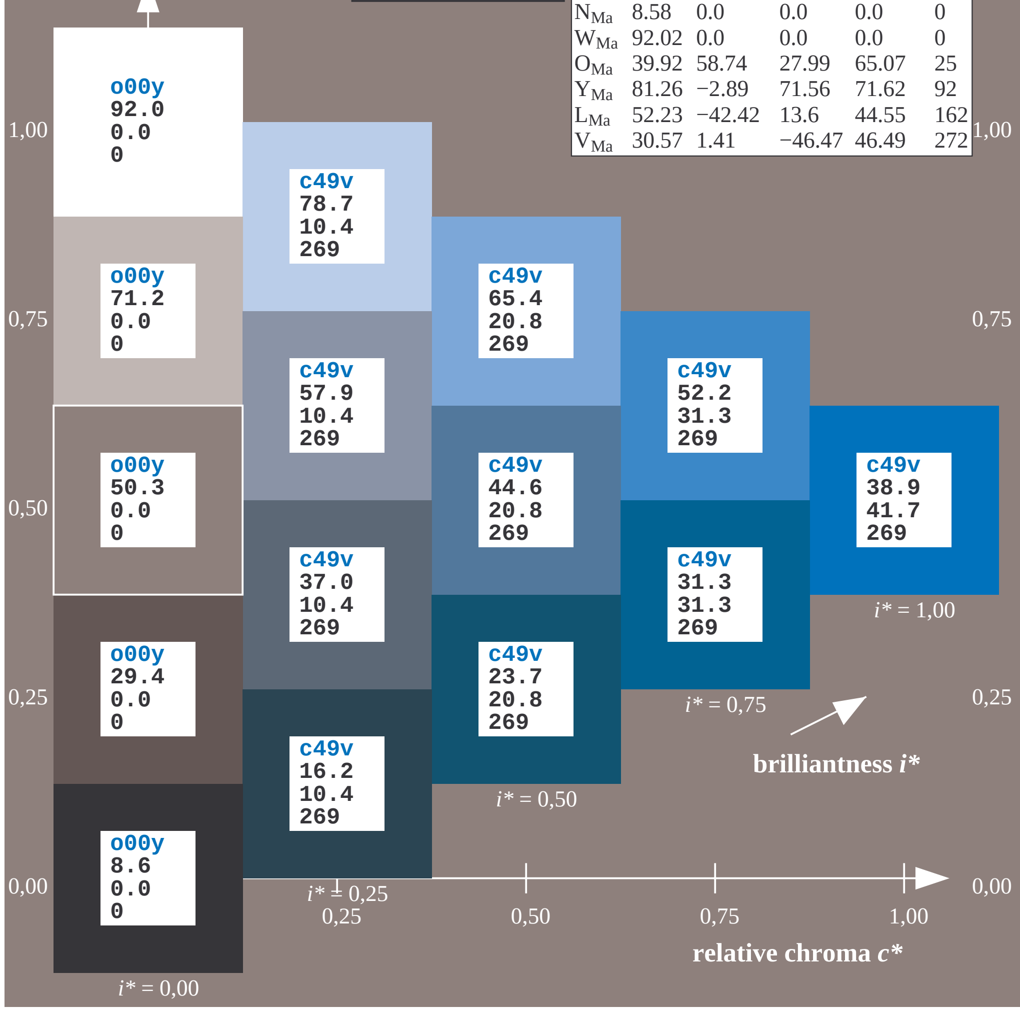
***$lab^*olv^*_{Ma}$*: 0.0 0.5 1.0**

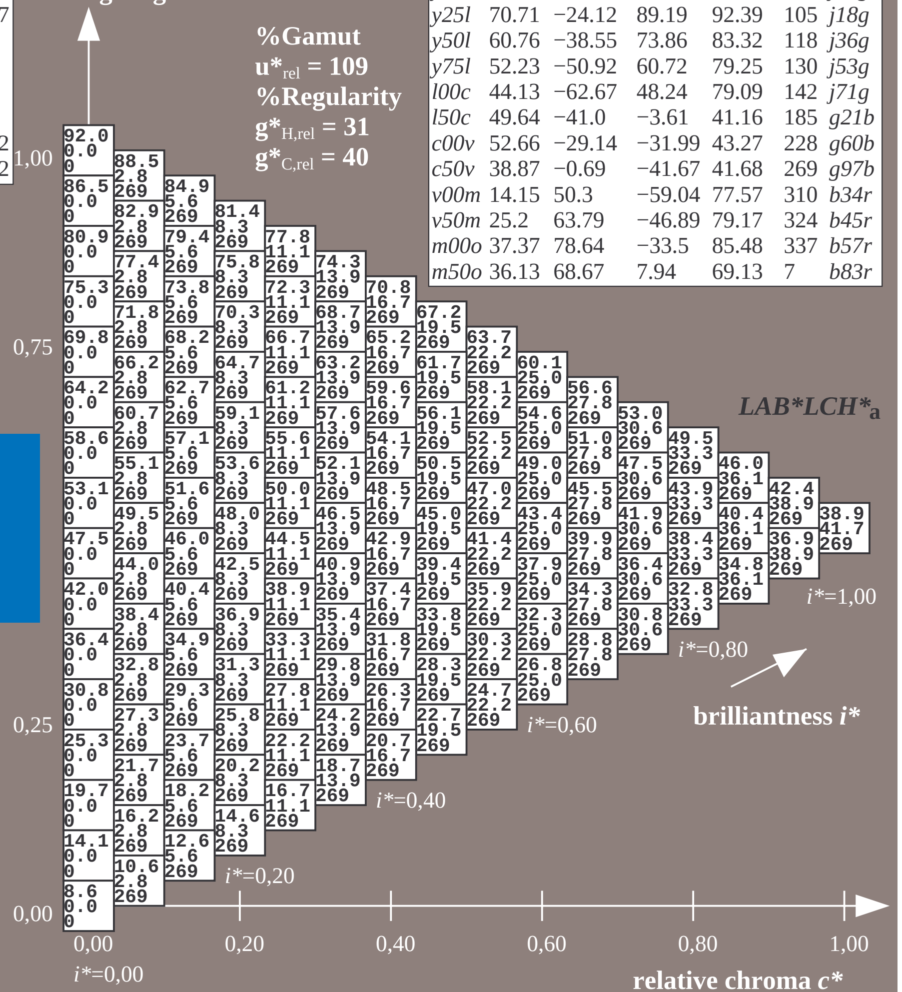
***$lab^*rgb^*_{Ma}$*: 0.0 0.05 1.0**

triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

$u^*_d = v00m$

$LAB^*LCH^*_a$

data for any colour:

lab*tch** and *lab*icu*

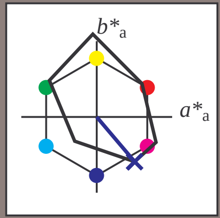
Hue texts:

$u^*_d = v00m$ $u^*_e = b34r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 14 50 −59

$LAB^*LCH^*_{Ma}$: 14 78 310

$lab^*olv^*_{Ma}$: 0.0 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

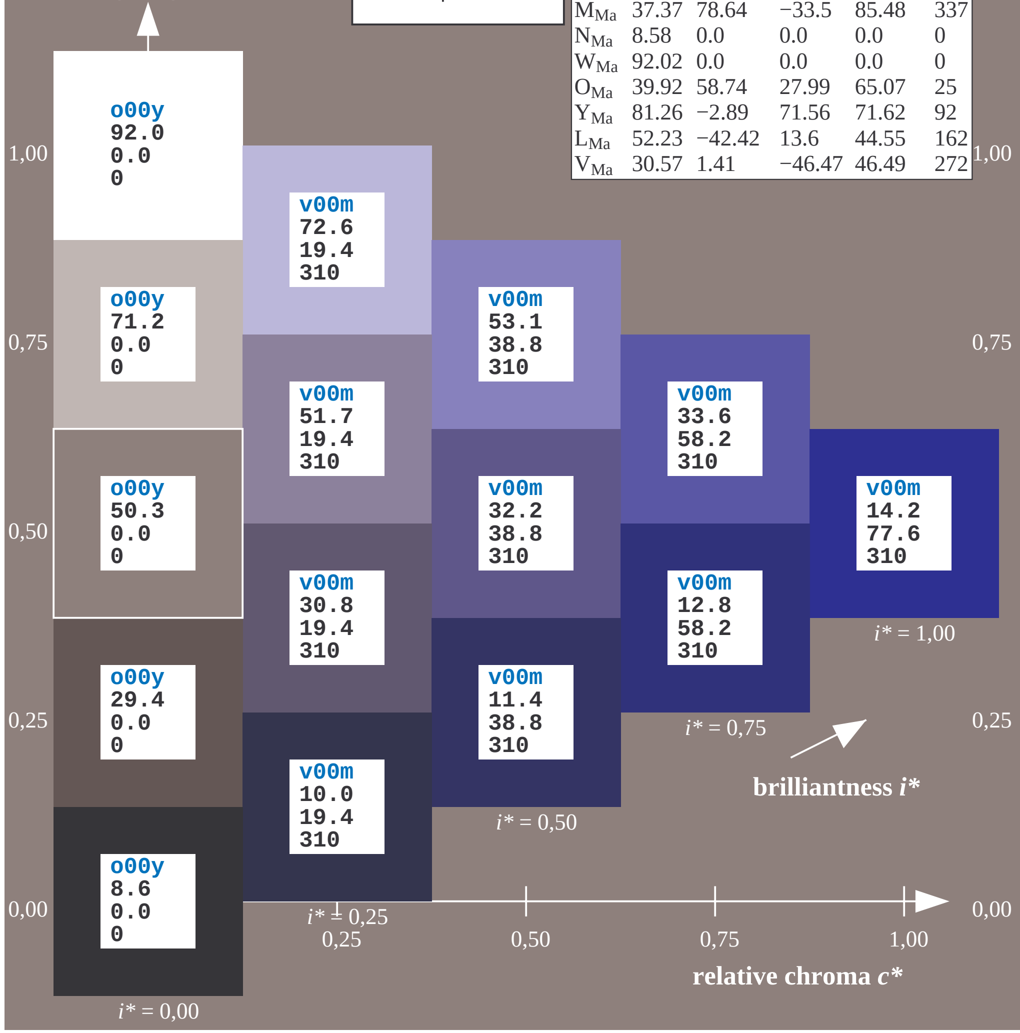
$u^*_{rel} = 109$

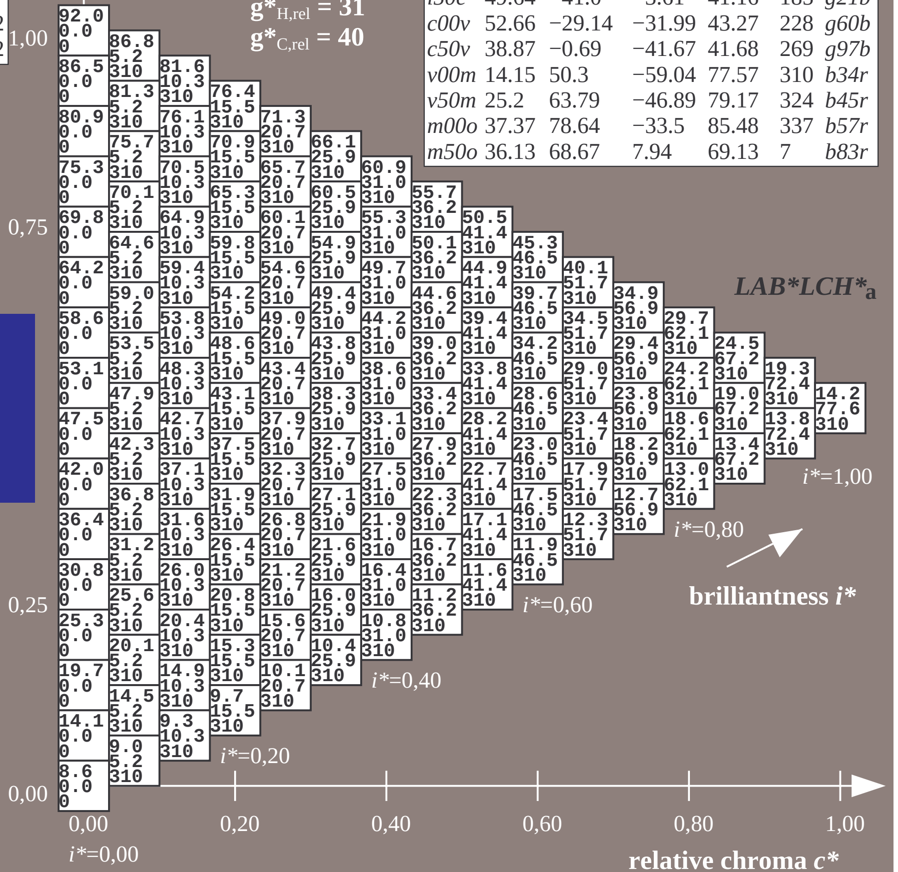
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

$u^*_d = v50m$

$LAB^*LCH^*_a$

data for any colour:

lab*tch** and *lab*icu*

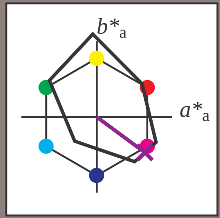
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LCH^*_a$

***$LAB^*LAB^*_{Ma}$*: 25 64 −47**

***$LAB^*LCH^*_{Ma}$*: 25 79 323**

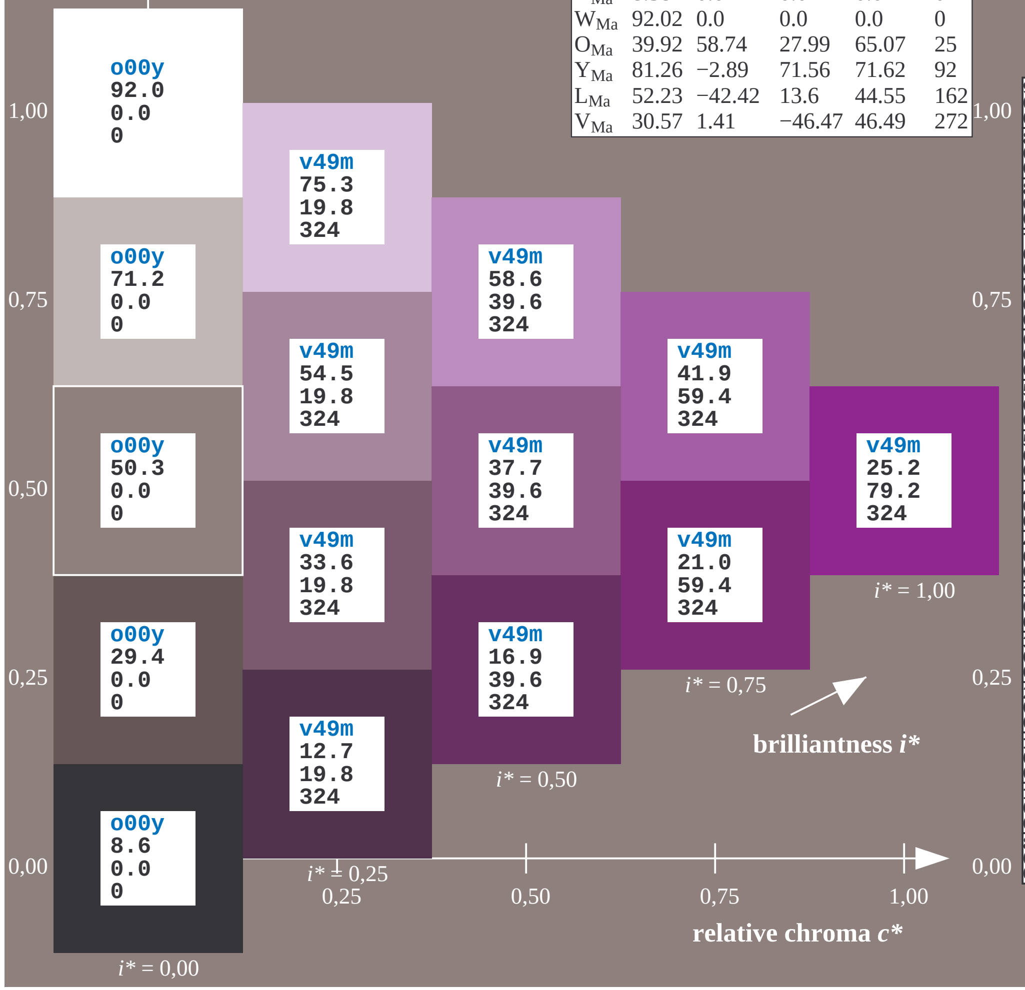
***$lab^*olv^*_{Ma}$*: 0.5 0.0 1.0**

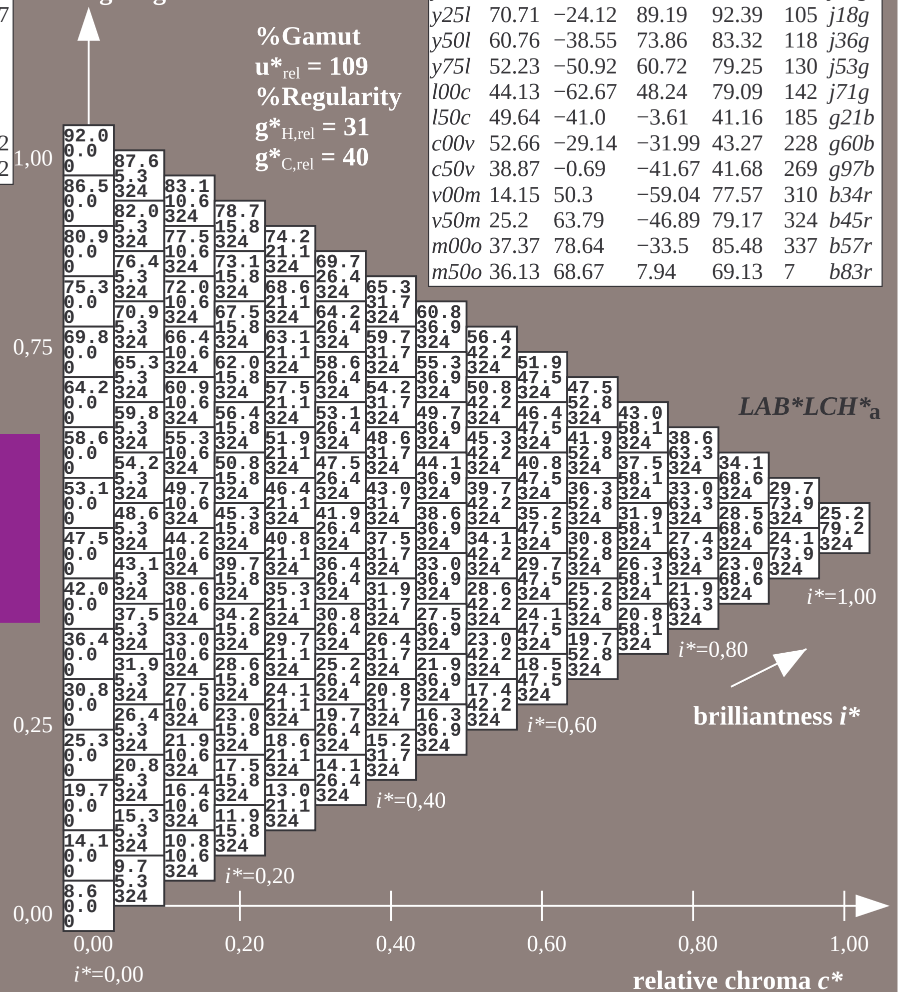
***$lab^*rgb^*_{Ma}$*: 0.91 0.0 1.0**

triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

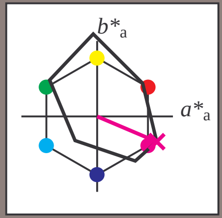
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

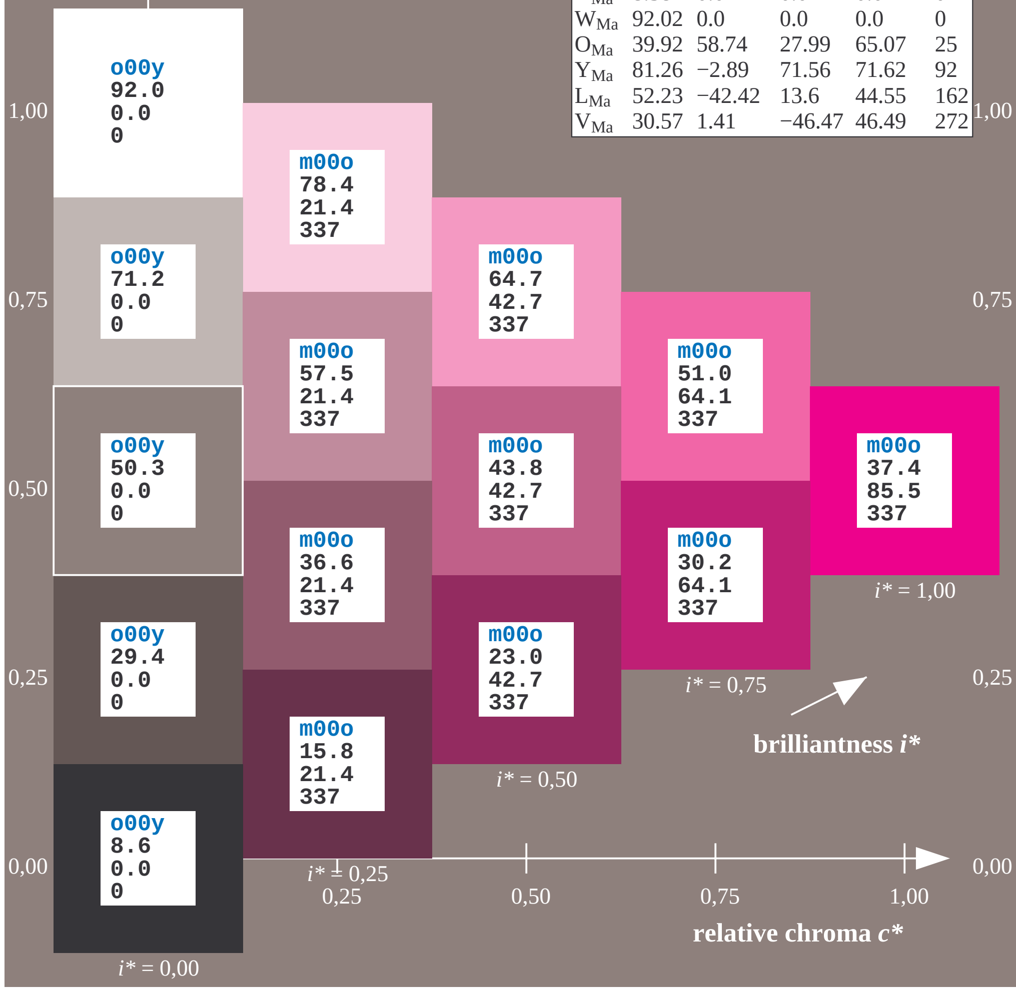


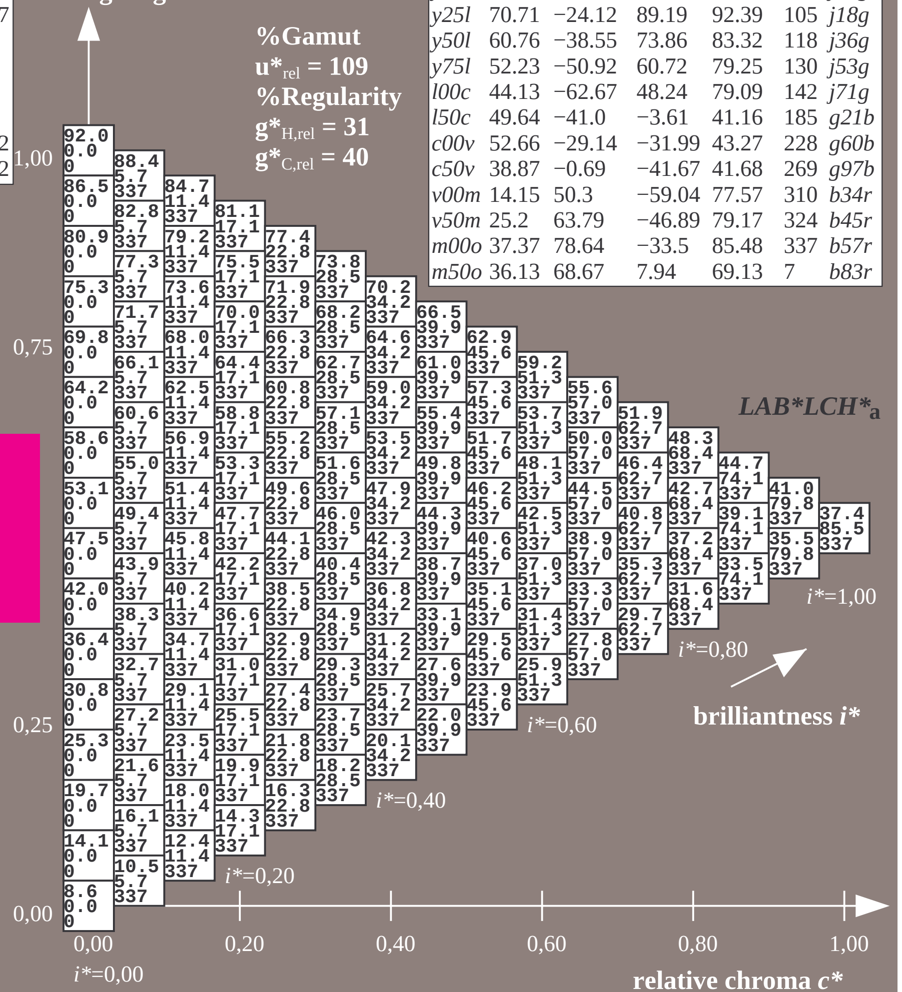
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 37 79 −34
$LAB^*LCH^*_{Ma}$: 37 85 336
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





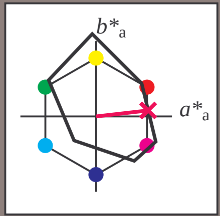
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

$u^*_d = m50o$
$LAB^*LCH^*_a$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

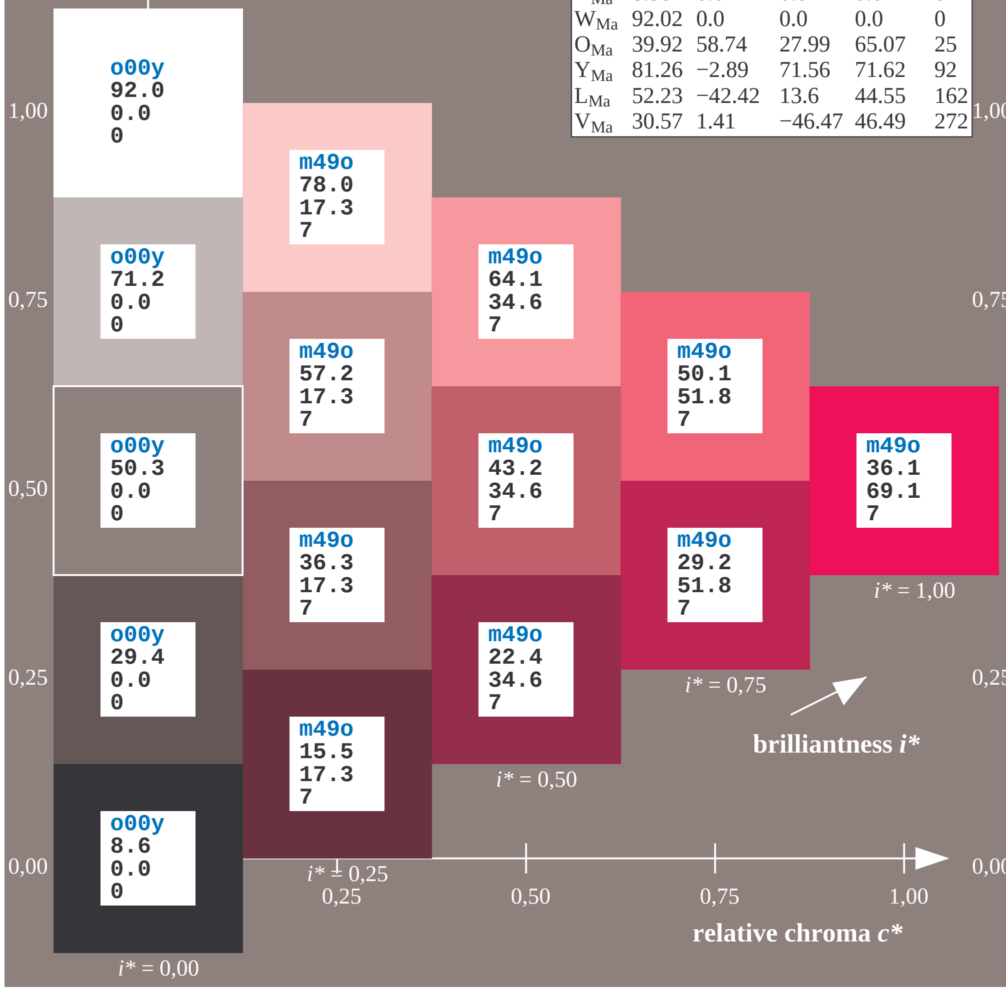


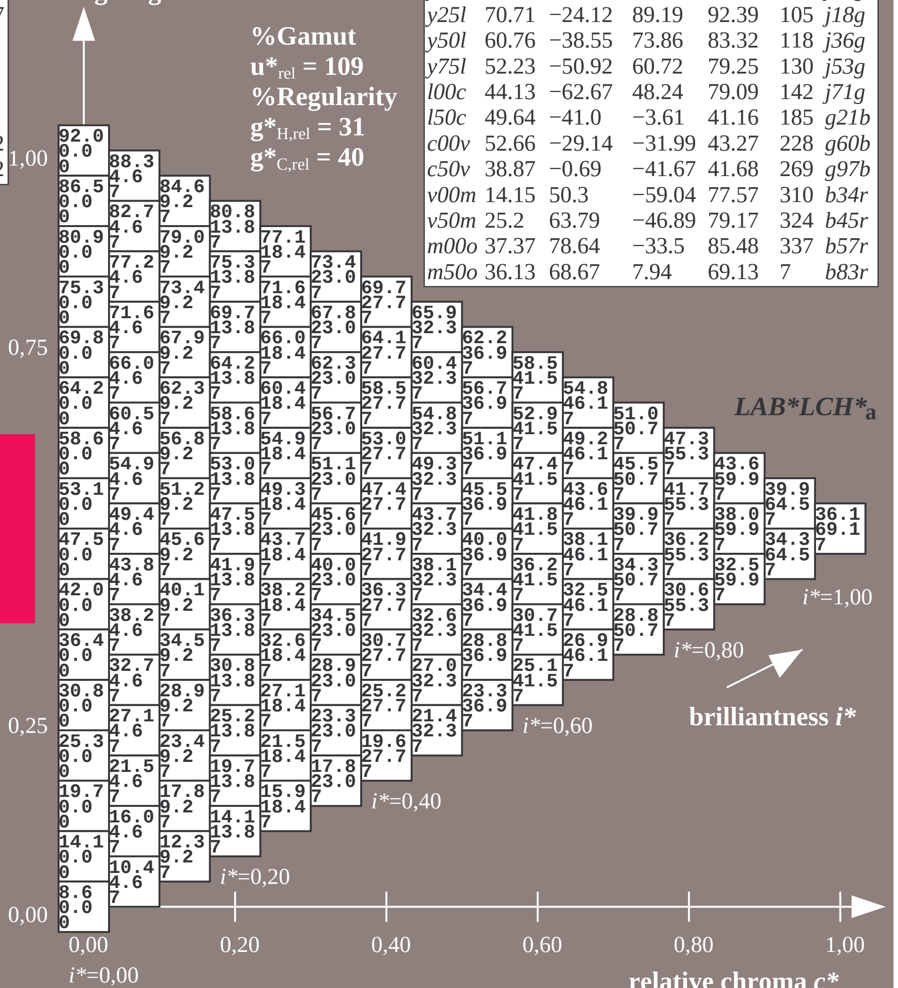
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 36 69 8**
***$LAB^*LCH^*_{Ma}$*: 36 69 6**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 0.5**
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.33**
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LCH*a		
01	8.6 0.0 0	13.0 9.9 142	17.5 19.8 142	21.9 29.7 142	26.4 39.5 142	30.8 49.4 142	35.2 59.3 142	39.7 69.2 142	44.1 79.1 142	11.9 9.3 36	18.0 13.7 93	21.6 20.8 118	26.0 30.1 126	30.4 39.6 130	34.8 49.3 132	39.3 59.1 134	43.7 68.9 135	48.2 78.7 136	15.2 18.6 36	20.1 19.5 64	27.4 27.4 93	30.5 33.3 109	34.7 41.7 118	39.0 50.7 123	43.4 60.1 126	47.8 69.6 128	52.2 79.2 130	92.0 0.0 0	84.9 9.3 36	77.8 18.6 36	70.7 27.9 36	63.5 37.2 36	56.4 46.5 36	49.3 55.8 36	42.2 65.1 36	35.1 74.4 36	8.6 0.0 0	8.6 0.0 0	8.6 0.0 0	8.6 0.0 0
02	9.3 9.7 310	14.1 5.4 228	18.8 10.3 185	23.5 17.3 171	28.2 25.2 164	32.7 33.6 159	37.3 42.4 157	41.8 51.4 155	46.3 60.5 153	12.2 10.7 337	19.0 0.0 0	23.5 9.9 142	27.9 19.8 142	32.3 29.7 142	36.8 39.5 142	41.2 49.4 142	45.7 59.3 142	50.1 69.2 142	15.5 17.3 7	22.3 9.3 36	28.4 13.7 93	32.1 20.8 118	36.4 30.1 126	40.8 39.6 130	45.3 49.3 132	49.7 59.1 134	54.2 68.9 135	87.1 5.4 228	81.6 0.0 0	74.5 9.3 36	67.4 18.6 36	60.2 27.9 36	53.1 37.2 36	46.0 46.5 36	38.9 55.8 36	31.7 65.1 36	19.0 0.0 0	19.0 0.0 0	19.0 0.0 0	19.0 0.0 0
03	10.0 19.4 310	16.2 10.4 269	19.6 10.8 228	24.4 14.7 199	29.1 20.6 185	33.8 27.3 177	38.5 34.6 171	43.1 42.4 167	47.8 50.4 164	12.7 19.8 324	19.7 9.7 310	24.5 5.4 228	29.3 10.3 185	34.0 17.3 171	38.6 25.2 164	43.2 33.6 159	47.7 42.4 157	52.3 51.4 155	15.8 21.4 337	22.6 10.7 337	29.4 0.0 0	33.9 9.9 142	38.3 19.8 142	42.8 29.7 142	47.2 39.5 142	51.7 49.4 142	56.1 59.3 142	82.2 10.8 228	76.7 5.4 228	71.2 0.0 0	64.0 9.3 36	56.9 18.6 36	49.8 27.9 36	42.7 37.2 36	35.6 46.5 36	28.4 55.8 36	29.4 0.0 0	29.4 0.0 0	29.4 0.0 0	29.4 0.0 0
04	10.7 29.1 310	17.9 17.5 283	21.7 14.9 255	25.1 16.2 228	29.8 19.7 206	34.6 24.8 194	39.4 30.9 185	44.1 37.5 179	48.8 44.5 174	13.4 29.3 319	20.4 19.4 310	26.6 10.4 269	30.0 10.8 228	34.8 14.7 199	39.5 20.6 185	44.3 27.3 177	48.9 34.6 171	53.6 42.4 167	16.3 30.3 328	23.2 19.8 324	30.1 9.7 310	34.9 5.4 228	39.7 10.3 185	44.4 17.3 171	49.0 25.2 164	53.6 33.6 159	58.2 42.4 157	77.3 16.2 228	71.7 10.8 228	66.2 5.4 228	60.7 0.0 0	53.6 9.3 36	46.5 18.6 36	39.4 27.9 36	32.3 37.2 36	25.1 46.5 36	39.9 0.0 0	39.9 0.0 0	39.9 0.0 0	39.9 0.0 0
05	11.4 38.8 310	19.4 25.4 290	23.7 20.8 269	27.1 19.9 248	30.6 21.6 228	35.3 24.8 211	40.1 29.5 199	44.9 35.0 191	49.6 41.2 185	14.1 38.9 317	21.1 29.1 310	28.4 17.5 283	32.1 14.9 255	35.5 16.2 228	40.3 19.7 206	45.1 24.8 194	49.8 30.9 185	54.5 37.5 179	16.9 39.6 324	23.8 29.3 319	30.8 19.4 310	37.0 10.4 269	40.5 10.8 228	45.2 14.7 199	50.0 20.6 185	54.7 27.3 177	59.4 34.6 171	72.3 21.6 228	66.8 16.2 228	61.3 10.8 228	55.8 5.4 228	50.3 0.0 0	43.2 9.3 36	36.1 18.6 36	28.9 27.9 36	21.8 37.2 36	50.3 0.0 0	50.3 0.0 0	50.3 0.0 0	50.3 0.0 0
06	12.1 48.5 310	20.7 33.7 294	25.6 27.6 277	29.3 25.1 261	32.6 25.0 244	36.1 27.0 228	40.8 29.9 213	45.6 34.3 203	50.4 39.5 196	14.8 48.6 316	21.8 38.8 310	29.8 25.4 290	34.2 20.8 269	37.5 19.9 248	41.0 21.6 228	45.8 24.8 211	50.6 29.5 199	55.3 35.0 191	17.6 49.1 321	24.5 38.9 317	31.5 29.1 310	38.8 17.5 283	42.5 14.9 255	46.0 16.2 228	50.7 19.7 206	55.5 24.8 194	60.2 30.9 185	67.4 27.0 228	61.9 21.6 228	56.4 16.2 228	50.9 10.8 228	45.4 5.4 228	39.9 0.0 0	32.8 9.3 36	25.6 18.6 36	18.5 27.9 36	60.7 0.0 0	60.7 0.0 0	60.7 0.0 0	60.7 0.0 0
07	12.8 58.2 310	21.8 42.4 297	27.3 35.0 283	31.3 31.3 269	34.7 29.8 255	38.0 30.2 241	41.6 32.5 228	46.3 35.2 215	51.1 39.3 206	15.5 58.2 315	22.5 48.5 310	31.1 33.7 297	36.0 27.6 277	39.7 25.1 261	43.0 25.0 244	46.6 27.0 228	51.3 29.9 213	56.0 34.3 203	18.2 58.6 319	25.2 48.6 316	32.2 38.8 310	40.3 25.4 290	44.6 20.8 269	48.0 19.9 248	51.5 21.6 228	56.2 24.8 211	61.0 29.5 199	62.5 32.5 228	57.0 27.0 228	51.5 21.6 228	46.0 16.2 228	40.5 10.8 228	34.9 5.4 228	29.4 0.0 0	22.3 9.3 36	15.2 18.6 36	71.2 0.0 0	71.2 0.0 0	71.2 0.0 0	71.2 0.0 0
08	13.5 67.9 310	22.9 51.3 299	28.8 42.7 287	33.2 37.9 275	36.8 35.5 263	40.2 34.7 251	43.5 35.5 239	47.1 37.9 228	51.8 40.5 217	16.2 67.9 314	23.2 58.2 310	32.3 42.4 297	37.7 35.0 283	41.7 31.3 269	45.2 29.8 255	48.5 30.2 241	52.1 32.5 228	56.8 35.2 215	18.9 68.2 318	25.9 58.2 315	32.9 48.5 310	41.5 33.7 294	46.5 27.6 277	50.1 25.1 261	53.4 25.0 244	57.0 27.0 228	61.7 29.9 213	57.6 37.9 228	52.1 32.5 228	46.6 27.0 228	41.0 21.6 228	35.5 16.2 228	30.0 10.8 228	24.5 5.4 228	19.0 0.0 0	11.9 9.3 36	81.6 0.0 0	81.6 0.0 0	81.6 0.0 0	81.6 0.0 0
09	14.2 77.6 310	23.9 60.3 300	30.2 50.7 290	35.0 45.0 279	38.9 41.7 269	42.3 40.0 259	45.6 39.7 248	49.0 40.7 238	52.7 43.3 228	16.9 77.6 314	23.9 67.9 310	33.3 51.3 299	39.2 42.7 287	43.6 37.9 275	47.3 35.5 263	50.6 34.7 251	53.9 35.5 239	57.6 37.9 228	19.6 77.8 317	26.6 67.9 314	33.6 58.2 310	42.7 42.4 297	48.1 35.0 283	52.2 31.3 269	55.6 29.8 255	58.9 30.2 241	62.5 32.5 228	52.7 43.3 228	47.1 37.9 228	41.6 32.5 228	36.1 27.0 228	30.6 21.6 228	25.1 16.2 228	19.6 10.8 228	14.1 5.4 228	8.6 0.0 0	92.0 0.0 0	92.0 0.0 0	92.0 0.0 0	92.0 0.0 0
10	18.5 27.9 36	23.3 28.0 55	28.8 31.5 74	36.8 41.0 93	39.6 46.2 105	43.5 53.9 113	47.7 62.5 118	52.0 71.5 121	56.4 80.8 124	21.8 37.2 36	26.6 36.9 50	31.7 39.0 64	37.7 44.2 79	46.2 54.7 93	48.8 59.4 103	52.5 66.5 109	56.5 74.7 114	60.8 83.3 118	25.1 46.5 36	29.9 46.0 48	34.8 47.4 59	40.3 50.8 70	46.8 57.2 81	55.6 68.4 93	58.1 72.7 101	61.6 79.4 107	65.5 87.1 111	92.0 0.0 0	91.0 13.7 93	90.0 27.4 93	88.9 41.0 93	87.9 54.7 93	86.9 68.4 93	85.8 82.1 93	84.8 95.8 93	83.8 109.4 93	8.6 0.0 0	8.6 0.0 0	8.6 0.0 0	8.6 0.0 0
11	18.8 25.8 16	25.6 18.6 36	30.6 19.5 64	37.8 27.4 93	41.0 33.3 109	45.1 41.7 118	49.4 50.7 123	53.8 60.1 126	58.2 69.6 128	22.1 34.6 21	28.9 27.9 36	33.8 28.0 55	39.2 31.5 74	47.2 41.0 93	50.1 46.2 105	54.0 53.9 113	58.1 62.5 118	62.5 71.5 121	25.4 43.7 24	32.3 37.2 36	37.1 36.9 50	42.1 39.0 64	48.1 44.2 79	56.6 54.7 93	59.3 59.4 103	62.9 66.5 109	67.0 74.7 114	82.3 9.7 310	81.6 0.0 0	80.6 13.7 93	79.5 27.4 93	78.5 41.0 93	77.5 54.7 93	76.4 68.4 93	75.4 82.1 93	74.4 95.8 93	14.1 0.0 0	14.1 0.0 0	14.1 0.0 0	14.1 0.0 0
12	19.0 26.9 357	25.9 17.3 7	32.8 9.3 36	38.8 13.7 93	42.5 20.8 118	46.8 30.1 126	51.3 39.6 130	55.7 49.3 132	60.1 59.1 134	22.4 34.6 7	29.2 25.8 16	36.1 18.6 36	41.0 19.5 64	48.2 27.4 93	51.4 33.3 109	55.5 41.7 118	59.9 50.7 123	64.2 60.1 126	25.7 42.9 13	32.5 34.6 21	39.4 27.9 36	44.2 28.0 55	49.6 31.5 74	57.6 41.0 93	60.5 46.2 105	64.4 53.9 113	68.6 62.5 118	72.6 19.4 310	71.9 9.7 310	71.2 0.0 0	70.1 13.7 93	69.1 27.4 93	68.1 41.0 93	67.0 54.7 93	66.0 68.4 93	65.0 82.1 93	19.7 0.0 0	19.7 0.0 0	19.7 0.0 0	19.7 0.0 0
13	19.4 32.1 337	26.2 21.4 337	33.0 10.7 337	39.9 0.0 0	44.3 9.9 142	48.8 19.8 142	53.2 29.7 142	57.6 39.5 142	62.1 49.4 142	22.6 36.9 352	29.5 26.9 357	36.3 17.3 7	43.2 9.3 36	49.3 13.7 93	52.9 20.8 118	57.3 30.1 126	61.7 39.6 130	66.1 49.3 132	25.9 44.0 1	32.8 34.6 7	39.6 25.8 16	46.5 18.6 36	51.4 19.5 64	58.7 27.4 93	61.8 33.3 109	66.0 41.7 118	70.3 50.7 123	62.8 29.1 310	62.1 19.4 310	61.4 9.7 310	60.7 0.0 0	59.7 13.7 93	58.7 27.4 93	57.6 41.0 93	56.6 54.7 93	55.6 68.4 93	25.3 0.0 0	25.3 0.0 0	25.3 0.0 0	25.3 0.0 0
14	19.8 40.8 330	26.7 30.3 328	33.6 19.8 324	40.6 9.7 310	45.4 5.4 228	50.1 10.3 185	54.8 17.3 171	59.5 25.2 164	64.0 33.6 159	23.0 42.7 337	29.8 32.1 337	36.6 21.4 337	43.5 10.7 337	50.3 0.0 0	54.7 9.9 142	59.2 19.8 142	63.6 29.7 142	68.1 39.5 142	26.2 47.2 349	33.1 36.9 352	39.9 26.9 357	46.8 17.3 7	53.6 9.3 36	59.7 13.7 93	63.3 20.8 118	67.7 30.1 126	72.1 39.6 130	53.1 38.8 310	52.4 29.1 310	51.7 19.4 310	51.0 9.7 310	50.3 0.0 0	49.3 13.7 93	48.2 27.4 93	47.2 41.0 93	46.2 54.7 93	30.8 0.0 0	30.8 0.0 0	30.8 0.0 0	30.8 0.0 0
15	20.4 50.0 326	27.3 39.6 324	34.3 29.3 319	41.3 19.4 310	47.4 10.4 269	50.9 10.8 228	55.6 14.7 199	60.4 20.6 185	65.1 27.3 177	23.4 51.4 332	30.2 40.8 330	37.1 30.3 328	44.0 19.8 324	51.0 9.7 310	55.8 5.4 228	60.6 10.3 185	65.3 17.3 171	69.9 25.2 164	26.6 53.4 337	33.4 42.7 337	40.2 32.1 337	47.1 21.4 337	53.9 10.7 337	60.7 0.0 0	65.2 9.9 142	69.6 19.8 142	74.1 29.7 142	43.4 48.5 310	42.7 38.8 310	42.0 29.1 310	41.3 19.4 310	40.6 9.7 310	39.9 0.0 0	38.8 13.7 93	37.8 27.4 93	36.8 41.0 93	36.4 0.0 0	36.4 0.0 0	36.4 0.0 0	36.4 0.0 0
16	21.0 59.4 324	28.0 49.1 321	35.0 38.9 317	42.0 29.1 310	49.2 17.5 283	52.9 14.9 255	56.4 16.2 228	61.1 19.7 206	65.9 24.8 194	23.9 60.5 328	30.8 50.0 326	37.7 39.6 324	44.7 29.3 319	51.7 19.4 310	57.9 10.4 269	61.3 10.8 228	66.1 14.7 199	70.8 20.6 185	27.0 62.1 333	33.8 51.4 332	40.7 40.8 330	47.5 30.3 328	54.5 19.8 324	61.4 9.7 310	66.2 5.4 228	71.0 10.3 185	75.7 17.3 171	33.6 58.2 310	32.9 48.5 310	32.2 38.8 310	31.5 29.1 310	30.8 19.4 310	30.1 9.7 310	29.4 0.0 0	28.4 13.7 93	27.4 27.4 93	42.0 0.0 0	42.0 0.0 0	42.0 0.0 0	42.0 0.0 0
17	21.7 68.8 322	28.7 58.6 319	35.7 48.6 316	42.7 38.8 310	50.7 25.4 290	55.0 20.8 269	58.4 19.9 248	61.9 21.6 228	66.6 24.8 211	24.6 69.8 326	31.5 59.4 324	38.4 49.1 321	45.4 38.9 317	52.4 29.1 310	59.6 17.5 283	63.4 14.9 255	66.8 16.2 228	71.6 19.7 206	27.5 71.1 329	34.4 60.5 328	41.3 50.0 326	48.2 39.6 324	55.1 29.3 319	62.1 19.4 310	68.3 10.4 269	71.7 10.8 228	76.5 14.7 199	23.9 67.9 310	23.2 58.2 310	22.5 48.5 310	21.8 38.8 310	21.1 29.1 310	20.4 19.4 310	19.7 9.7 310	19.0 0.0 0	18.0 13.7 93	47.5 0.0 0	47.5 0.0 0	47.5 0.0 0	47.5 0.0 0
18	22.4 78.4 320	29.4 68.2 318	36.3 58.2 315	43.4 48.5 310	52.0 33.7 294	56.9 27.6 277	60.5 25.1 261	63.9 25.0 244	67.4 27.0 228	25.2 79.2 324	32.1 68.8 322	39.1 58.6 319	46.1 48.6 316	53.1 38.8 310	61.1 25.4 290	65.4 20.8 269	68.8 19.9 248	72.3 21.6 228	28.1 80.3 327	35.0 69.8 326	41.9 59.4 324	48.8 49.1 321	55.8 38.9 317	62.8 29.1 310	70.1 17.5 283	73.8 14.9 255	77.3 16.2 228	14.2 77.6 310	13.5 67.9 310	12.8 58.2 310	12.1 48.5 310	11.4 38.8 310	10.7 29.1 310	10.0 19.4 310	9.3 9.7 310	8.6 0.0 0	53.1 0.0 0	53.1 0.0 0	53.1 0.0 0	53.1 0.0 0
19	28.4 55.8 36	33.3 55.2 46	38.1 56.0 55	43.2 58.5 64	49.0 63.0 74	55.9 70.4 83	65.0 82.1 93	67.4 86.1 100	70.7 92.4 105	31.7 65.1 36	36.6 64.4 44	41.4 64.9 52	46.4 66.8 60	51.8 70.2 69	57.9 75.6 77	65.2 83.7 85	74.4 95.8 93	76.7 99.6 99	35.1 74.4 36	39.9 73.6 43	44.7 73.9 50	49.6 75.3 57	54.8 78.1 64	60.4 82.3 72	66.8 88.4 79	74.4 97.0 86	83.8 109.4 93	92.0 0.0 0	86.0 9.9 142	80.0 19.8 142	74.1 29.7 142	68.1 39.5 142	62.1 49.4 142	56.1 59.3 142	50.1 69.2 142	44.1 79.1 142	58.6 0.0 0	58.6 0.0 0	58.6 0.0 0	58.6 0.0 0
20	28.7 52.8 26	35.6 46.5 36	40.4 46.0 48	45.3 47.4 59	50.7 50.8 70	57.2 57.2 81	66.0 68.4 93	68.5 72.7 101	72.0 79.4 107	32.0 62.0 28	38.9 55.8 36	43.7 55.2 46	48.5 56.0 55	53.7 58.5 64	59.4 63.0 74	66.4 70.4 83	75.4 82.1 93	77.8 86.1 100	35.3 71.2 29	42.2 65.1 36	47.0 64.4 44	51.8 64.9 52	56.8 66.8 60	62.2 70.2 69	68.3 75.6 77	75.6 83.7 85	84.8 95.8 93	85.2 10.7 337	81.6 0.0 0	75.6 9.9 142	69.6 19.8 142	63.6 29.7 142	57.6 39.5 142	51.7 49.4 142	45.7 59.3 142	39.7 69.2 142	64.2 0.0 0	64.2 0.0 0	64.2 0.0 0	64.2 0.0 0
21	29.0 51.5 16	35.8 43.7 24	42.7 37.2 36	47.5 36.9 50	52.5 39.0 64	58.6 44.2 79	67.0 54.7 93	69.7 59.4 103	73.4 66.5 109	32.3 60.4 19	39.2 52.8 26	46.0 46.5 36	50.8 46.0 48	55.7 47.4 59	61.1 50.8 70	67.6 57.2 81	76.4 68.4 93	78.9 72.7 101	35.6 69.3 21	42.5 62.0 28	49.3 55.8 36	54.1 55.2 46	59.0 56.0 55	64.1 58.5 64	69.9 63.0 74	76.8 70.4 83	85.8 82.1 93	78.4 21.4 337	74.8 10.7 337	71.2 0.0 0	65.2 9.9 142	59.2 19.8 142	53.2 29.7 142	47.2 39.5 142	41.2 49.4 142	35.2 59.3 142	69.8 0.0 0	69.8 0.0 0	69.8 0.0 0	69.8 0.0 0
22	29.2 51.8 7	36.1 42.9 13	43.0 34.6 21	49.8 27.9 36	54.6 28.0 55	60.1 31.5 74	68.1 41.0 93	70.9 46.2 105	74.8 53.9 113	32.6 60.1 11	39.4 51.5 16	46.3 43.7 24	53.1 37.2 36	57.9 36.9 50	63.0 39.0 64	69.0 44.2 79	77.5 54.7 93	80.1 59.4 103	35.9 68.6 14	42.7 60.4 19	49.6 52.8 26	56.4 46.5 36	61.2 46.0 48	66.1 47.4 59	71.5 50.8 70	78.1 57.2 81	86.9 68.4 93	71.5 32.1 337	67.9 21.4 337	64.3 10.7 337	60.7 0.0 0	54.7 9.9 142	48.8 19.8 142	42.8 29.7 142	36.8 39.5 142	30.8 49.4 142	75.3 0.0 0	75.3 0.0 0	75.3 0.0 0	75.3 0.0 0
23	29.5 53.8 357	36.4 44.0 1	43.2 34.6 7	50.1 25.8 16	56.9 18.6 36	61.8 19.5 64	69.1 27.4 93	72.3 33.3 109	76.4 41.7 118	32.8 61.2 2	39.7 51.8 7	46.5 42.9 13	53.4 34.6 21	60.2 27.9 36	65.1 28.0 55	70.5 31.5 74	78.5 41.0 93	81.4 46.2 105	36.1 69.1 7	43.0 60.1 11	49.8 51.5 16	56.7 43.7 24	63.5 37.2 36	68.4 36.9 50	73.4 39.0 64	79.4 44.2 79	87.9 54.7 93	64.7 42.7 337	61.1 32.1 337	57.5 21.4 337	53.9 10.7 337	50.3 0.0 0	44.3 9.9 142	38.3 19.8 142	32.3 29.7 142	26.4 39.5 142	80.9 0.0 0	80.9 0.0 0	80.9 0.0 0	80.9 0.0 0
24	29.8 57.6 347	36.7 47.2 349	43.5 36.9 352	50.3 26.9 357	57.2 17.3 7	64.0 9.3 36	70.1 13.7 93	73.8 20.8 118	78.1 30.1 126	33.1 63.8 354	39.9 53.8 357	46.8 44.0 1	53.6 34.6 7	60.5 25.8 16	67.4 18.6 36	72.3 19.5 64	79.5 27.4 93	82.7 33.3 109	36.4 70.8 359	43.3 61.2 2	50.1 51.8 7	57.0 42.9 13	63.8 34.6 21	70.7 27.9 36	75.5 28.0 55	80.9 31.5 74	88.9 41.0 93	57.9 53.4 337	54.3 42.7 337	50.7 32.1 337	47.1 21.4 337	43.5 10.7 337	39.9 0.0 0	33.9 9.9 142	27.9 19.8 142	21.9 29.7 142	86.5 0.0 0	86.5 0.0 0	86.5 0.0 0	86.5 0.0 0
25	30.2 64.1 337	37.0 53.4 337	43.8 42.7 337	50.7 32.1 337	57.5 21.4 337	64.3 10.7 337	71.2 0.0 0	75.6 9.9 142	80.0 19.8 142	33.4 68.1 345	40.2 57.6 347	47.1 47.2 349	53.9 36.9 352	60.8 26.9 357	67.6 17.3 7	74.5 9.3 36	80.6 13.7 93	84.2 20.8 118	36.7 73.9 352	43.5 63.8 354	50.4 53.8 357	57.2 44.0 1	64.1 34.6 7	70.9 25.8 16	77.8 18.6 36	82.7 19.5 64	90.0 27.4 93	51.0 64.1 337	47.4 53.4 337	43.8 42.7 337	40.2 32.1 337	36.6 21.4 337	33.0 10.7 337	29.4 0.0 0	23.5 9.9 142	17.5 19.8 142	92.0 0.0 0	92.0 0.0 0	92.0 0.0 0	92.0 0.0 0
26	30.5 72.7 333	37.4 62.1 333	44.2 51.4 332	51.1 40.8 330	58.0 30.3 328	64.9 19.8 324	71.9 9.7 310	76.7 5.4 228	81.4 10.3 185	33.8 74.8 337	40.6 64.1 337	47.4 53.4 337	54.3 42.7 337	61.1 32.1 337	67.9 21.4 337	74.8 10.7 337	81.6 0.0 0	86.0 9.9 142	37.0 78.6 344	43.8 68.1 345	50.7 57.6 347	57.5 47.2 349	64.4 36.9 352	71.2 26.9 357	78.0 17.3 7	84.9 9.3 36	91.0 13.7 93	44.2 74.8 337	40.6 64.1 337	37.0 53.4 337	33.4 42.7 337	29.8 32.1 337	26.2 21.4 337	22.6 10.7 337	19.0 0.0 0	13.0 9.9 142	8.6 0.0 0	35.1 74.4 36	83.8 109.4 93	44.1 79.1 142
27	31.0 81.7 330	37.9 71.1 329	44.8 60.5 328	51.7 50.0 326	58.6 39.6 324	65.6 29.3 319	72.6 19.4 310	78.7 10.4 269	82.2 10.8 228	34.1 83.4 334	41.0 72.7 333	47.8 62.1 333	54.7 51.4 332	61.5 40.8 330	68.4 30.3 328	75.3 19.8 324	82.3 9.7 310	87.1 5.4 228	37.4 85.5 337	44.2 74.8 337	51.0 64.1 337	57.9 53.4 337	64.7 42.7 337	71.5 32.1 337	78.4 21.4 337	85.2 10.7 337	92.0 0.0 0	37.4 85.5 337	33.8 74.8 337	30.2 64.1 337	26.6 53.4 337	23.0 42.7 337	19.4 32.1 337	15.8 21.4 337	12.2 10.7 337	8.6 0.0 0	92.0 0.0 0	52.7 43.3 228	14.2 77.6 310	37.4 85.5 337

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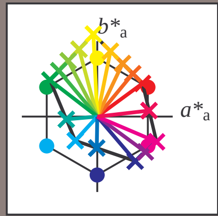
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

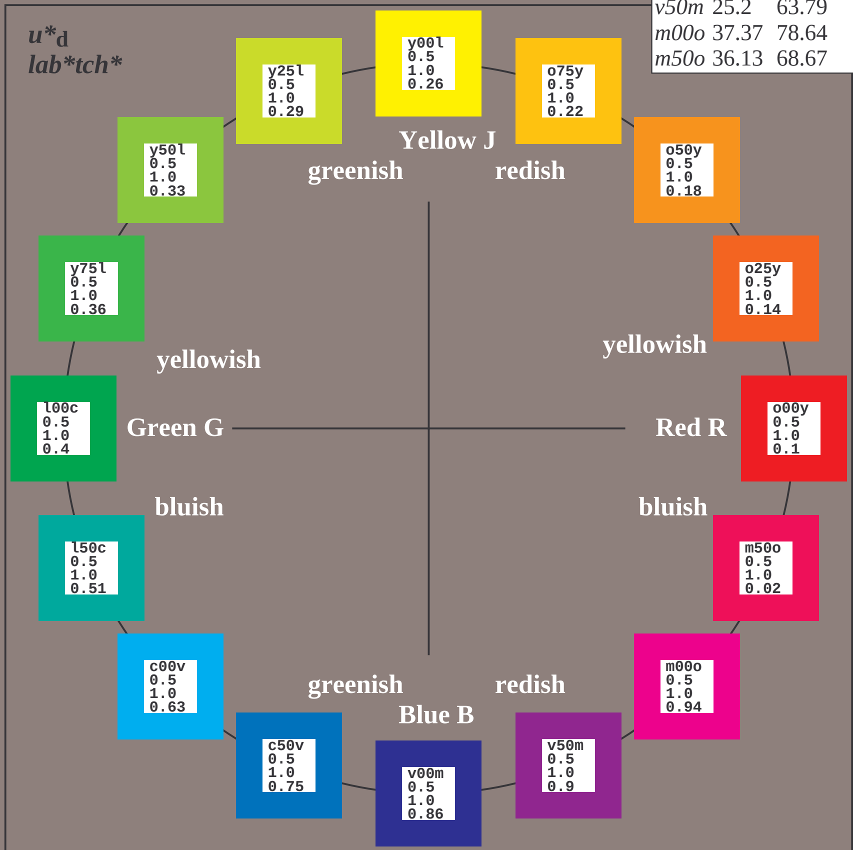
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

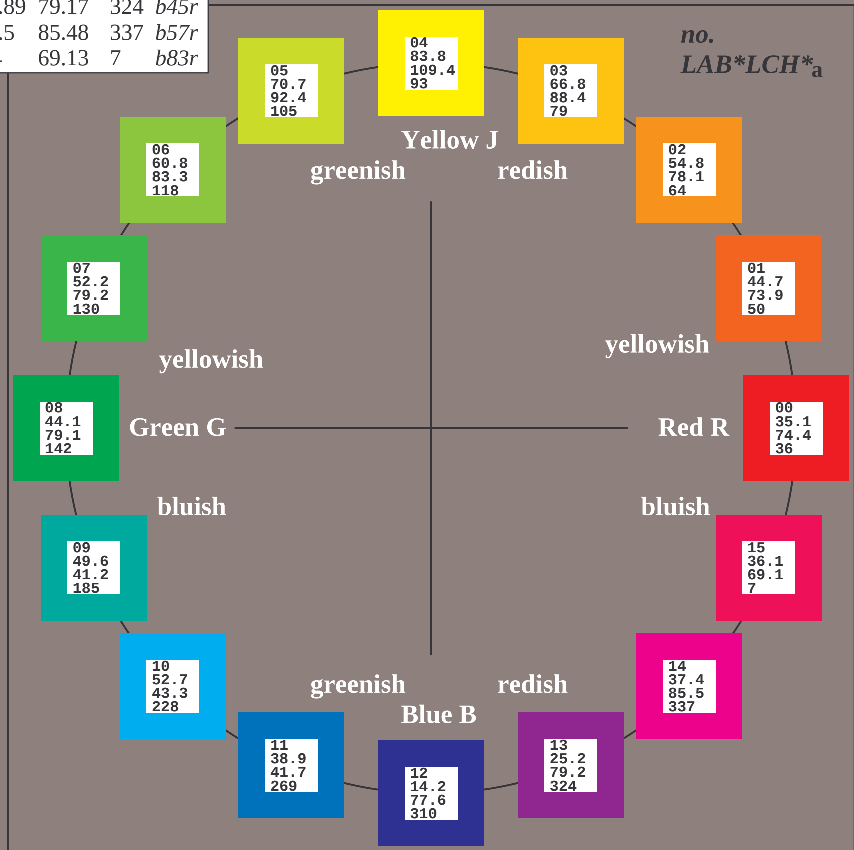


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

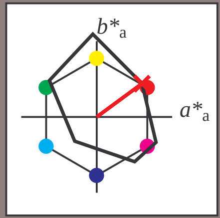
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

u*d = o00y
lab*tch*

data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*d = o00y u*e = r16j
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

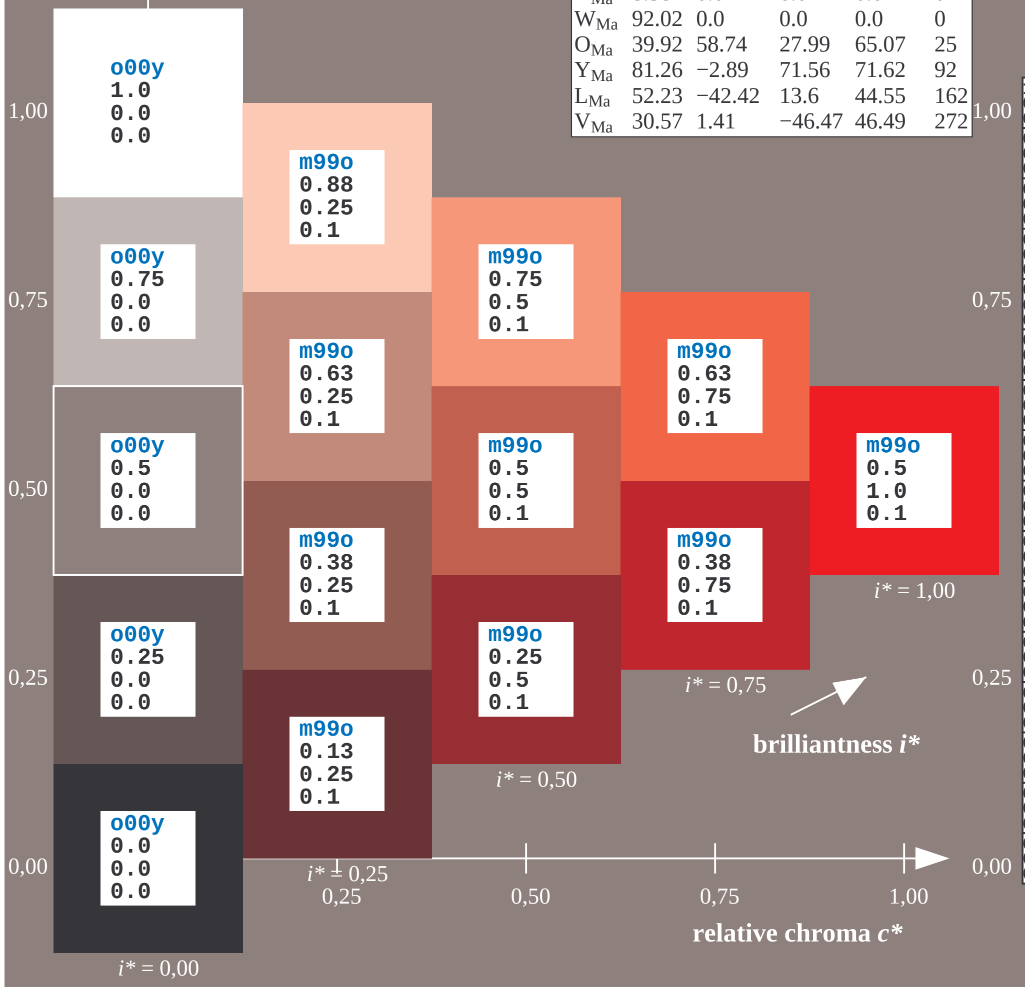
FRS09_92a; adapted (a) CIELAB data

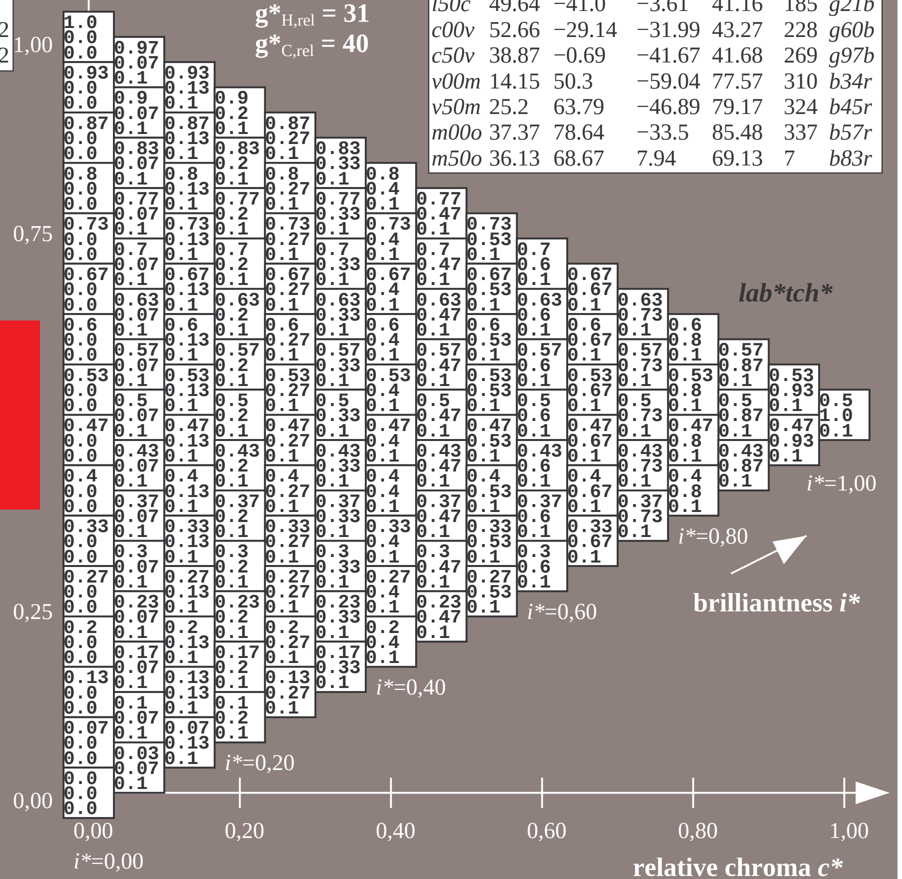
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$: 35 60 44
LAB*LCH*$_{Ma}$: 35 74 36
lab*olv*$_{Ma}$: 1.0 0.0 0.0
lab*rgb*$_{Ma}$: 1.0 0.16 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

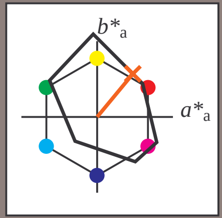
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

$u^*_d = o25y$
*lab*tch**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o25y$ $u^*_e = r37j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

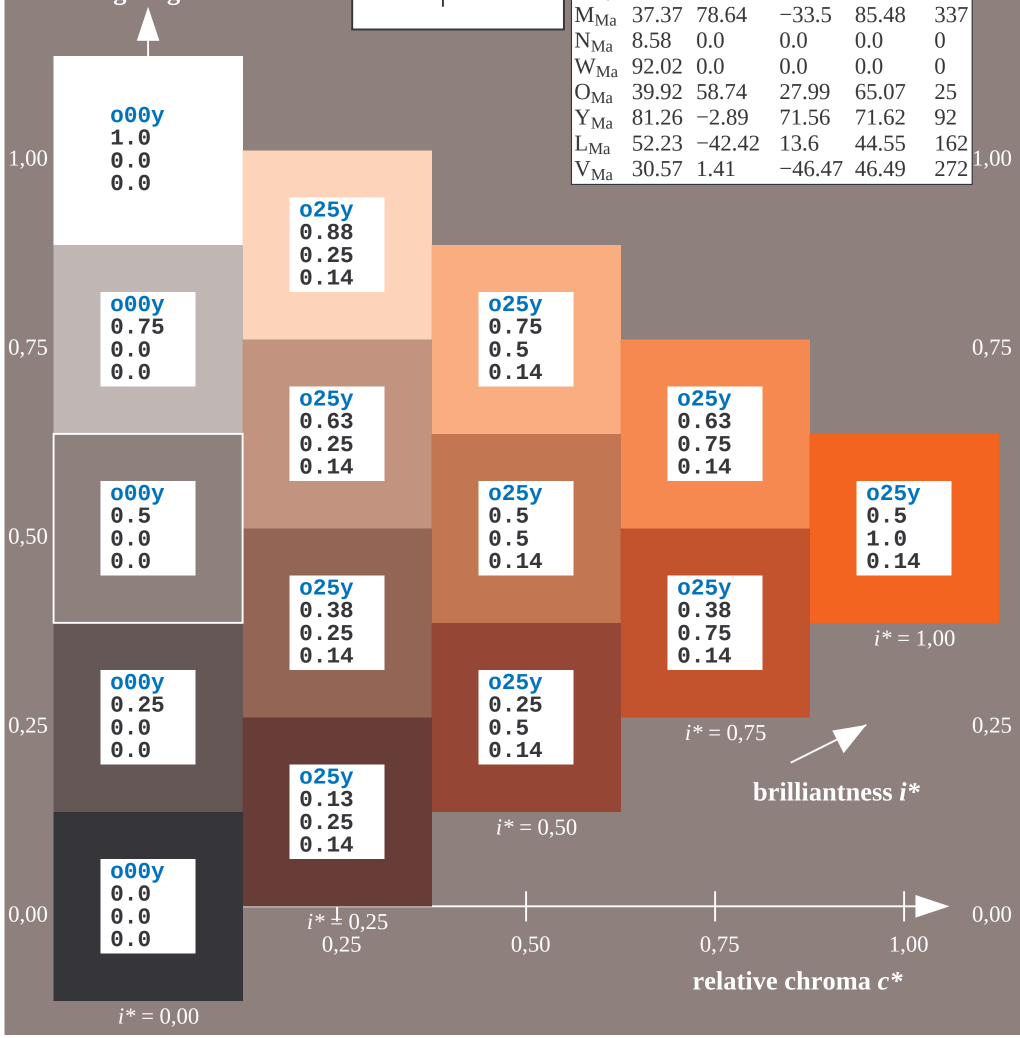


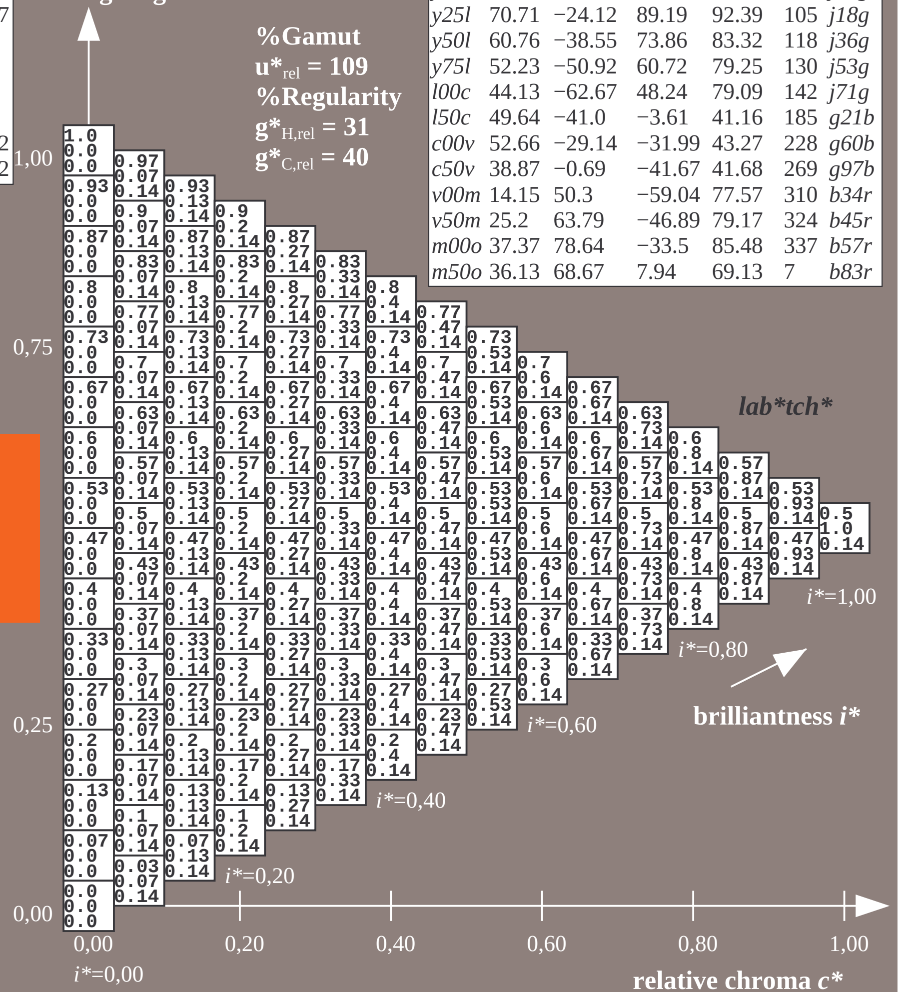
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 45 47 57**
LAB*LCH*$_{Ma}$**: 45 74 50**
lab*olv*$_{Ma}$**: 1.0 0.25 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.37 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

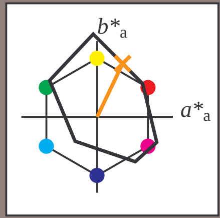
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

u^*_d = o50y
*lab*tch**

data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_d = o50y u^*_e = r58j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

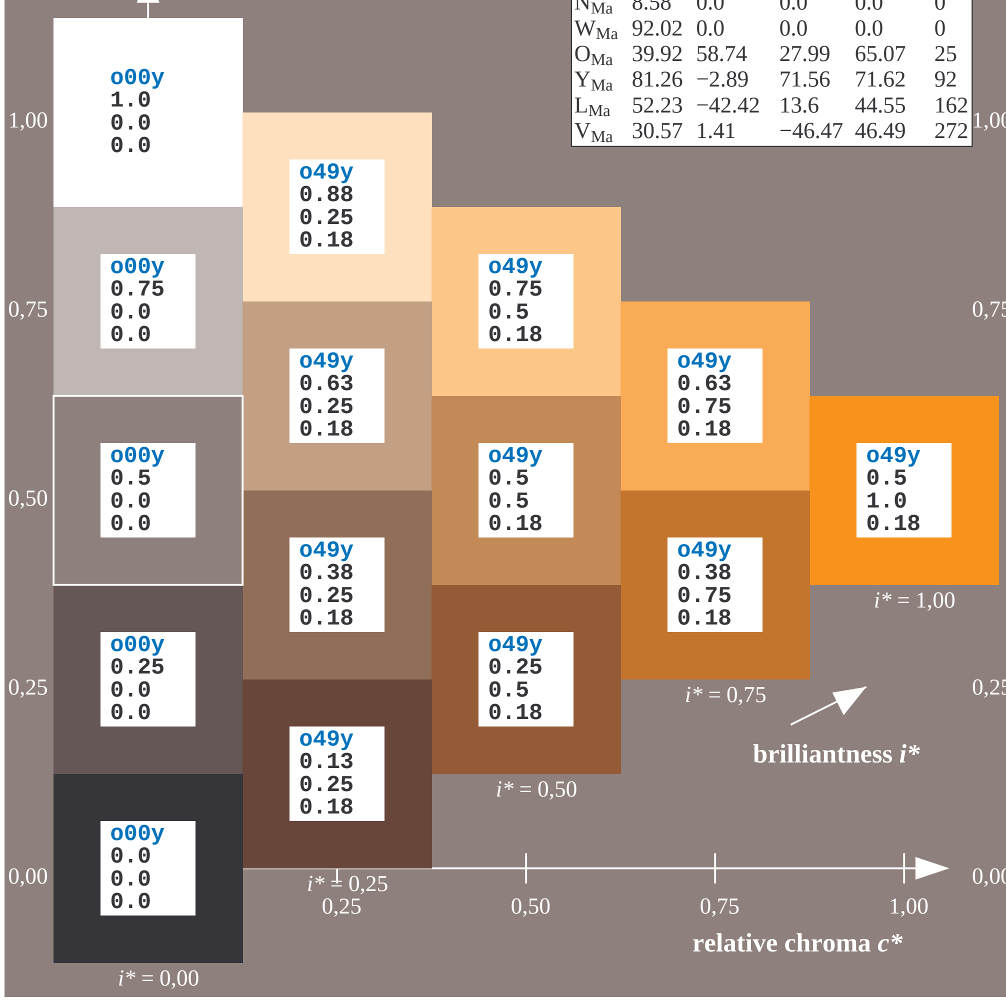


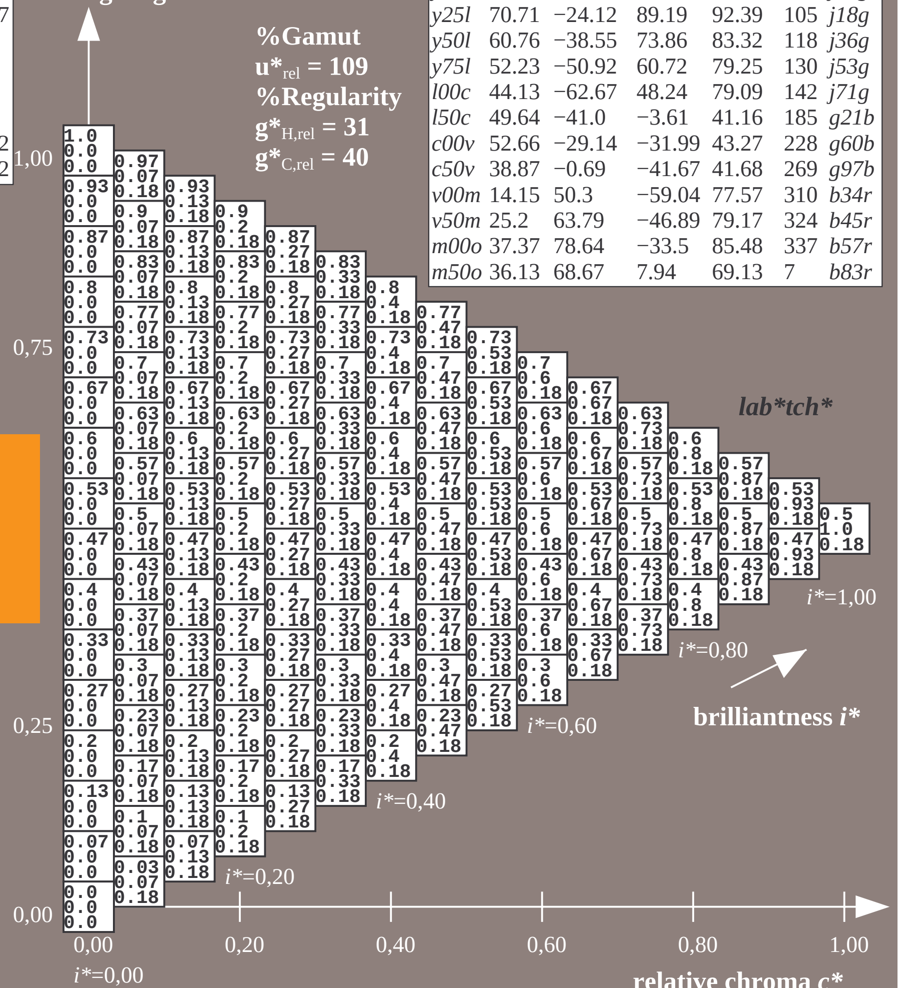
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 55 34 70**
***$LAB^*LCH^*_{Ma}$*: 55 78 64**
***$lab^*olv^*_{Ma}$*: 1.0 0.5 0.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.58 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

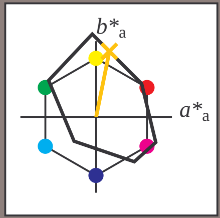
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

u^*_d = o75y
*lab*tch**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o75y u^*_e = r79j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

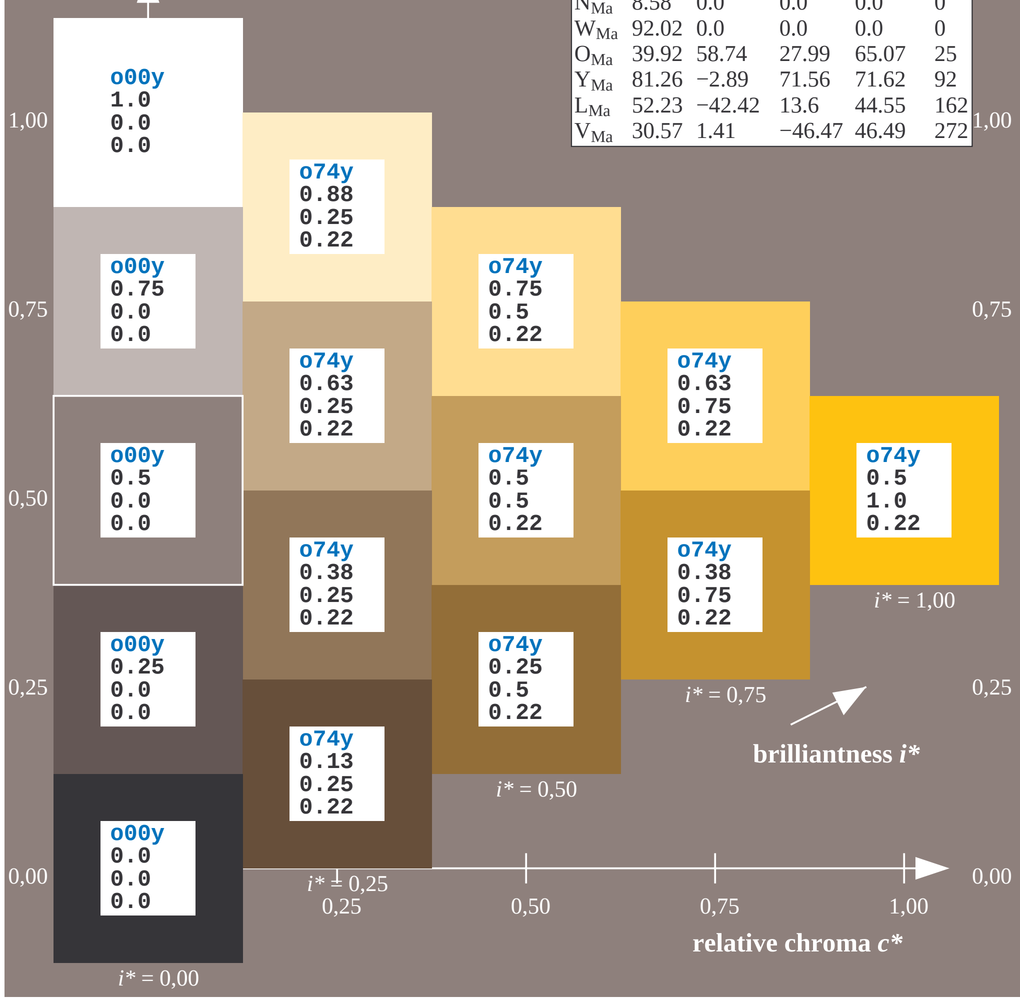


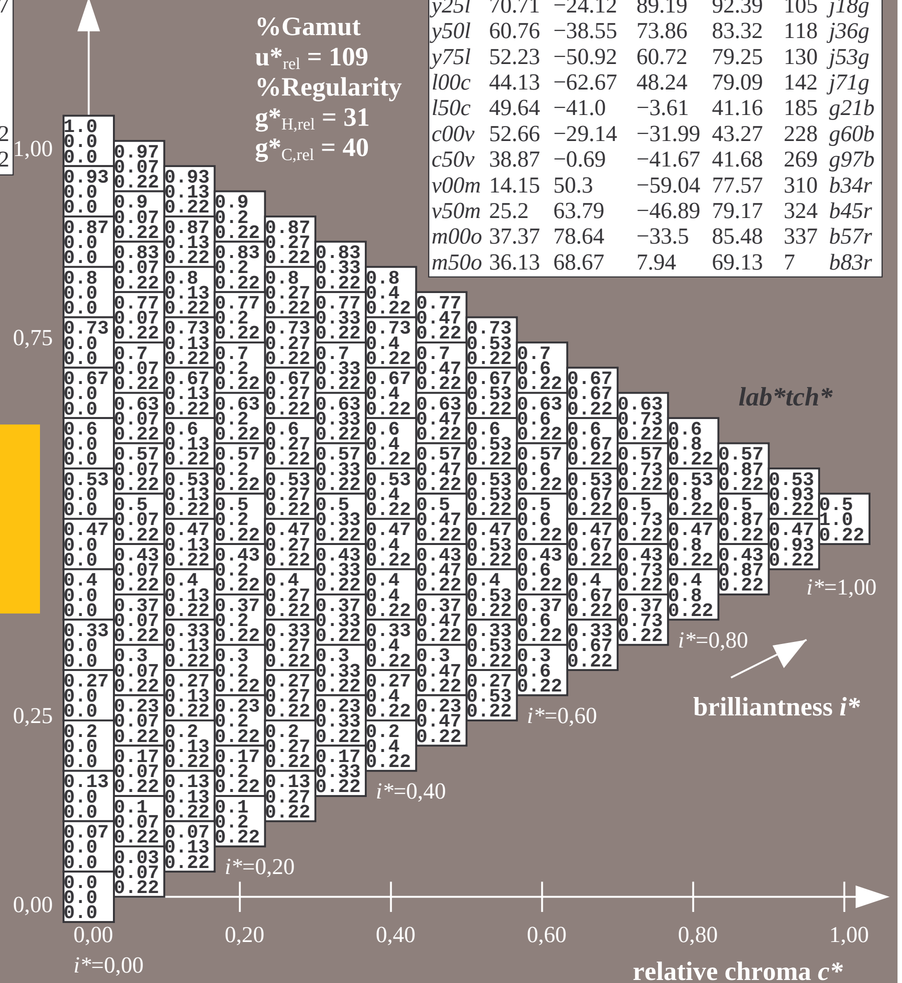
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 67 17 87**
***$LAB^*LCH^*_{Ma}$*: 67 88 78**
***$lab^*olv^*_{Ma}$*: 1.0 0.75 0.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.79 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

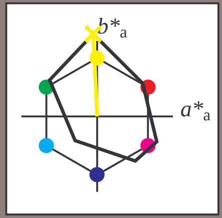
BAM material: code=rha4ta

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$
*lab*tch**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

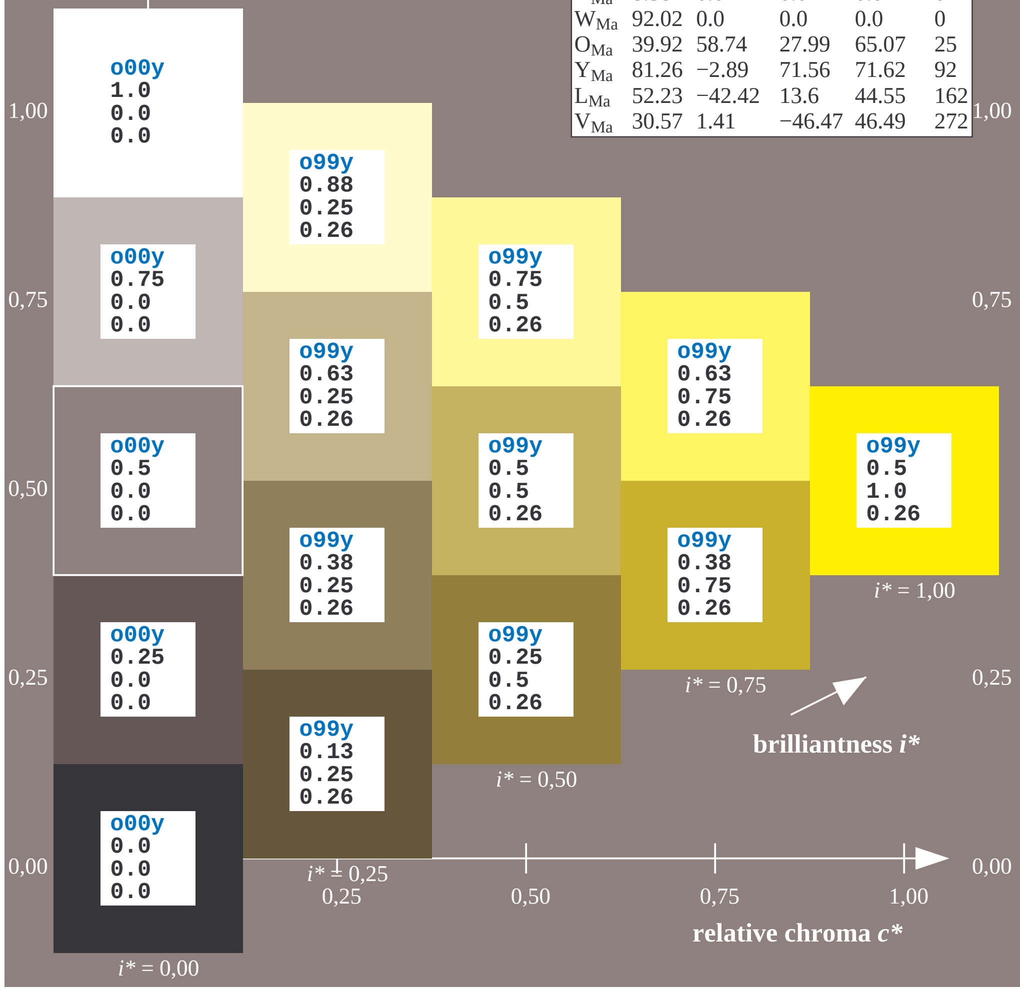


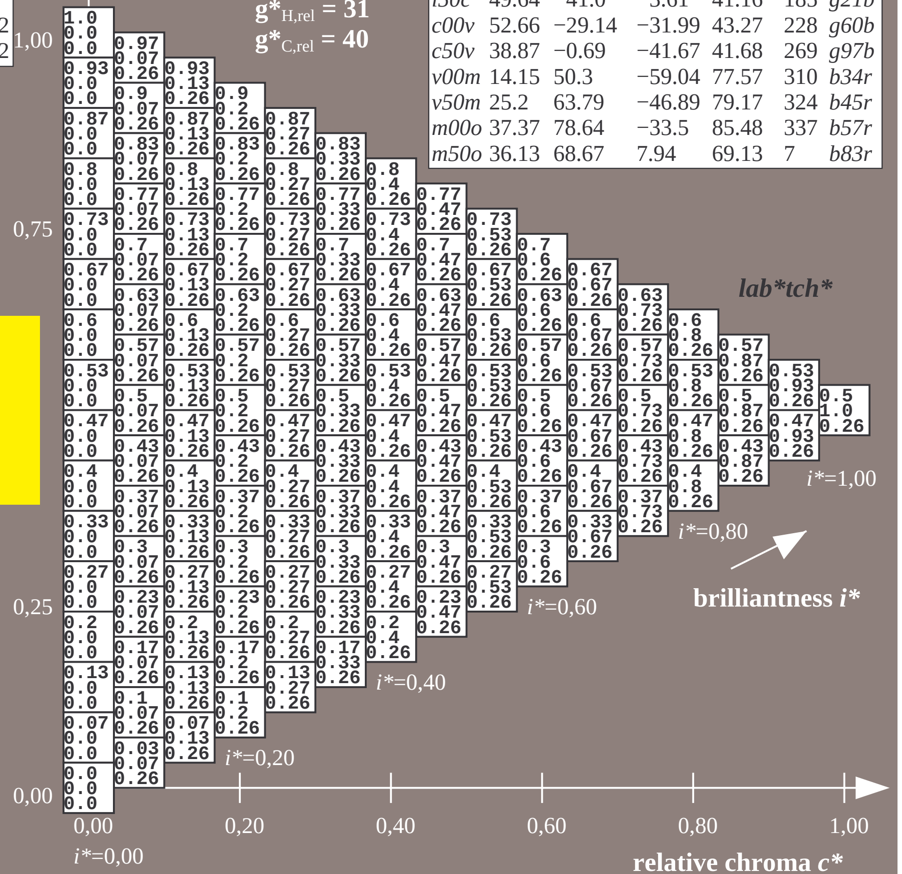
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 84 −5 109**
***LAB*LCH*$_{Ma}$*: 84 109 92**
***lab*olv*$_{Ma}$*: 1.0 1.0 0.0**
***lab*rgb*$_{Ma}$*: 0.99 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



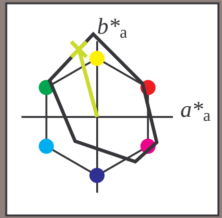


BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$
*lab*tch**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

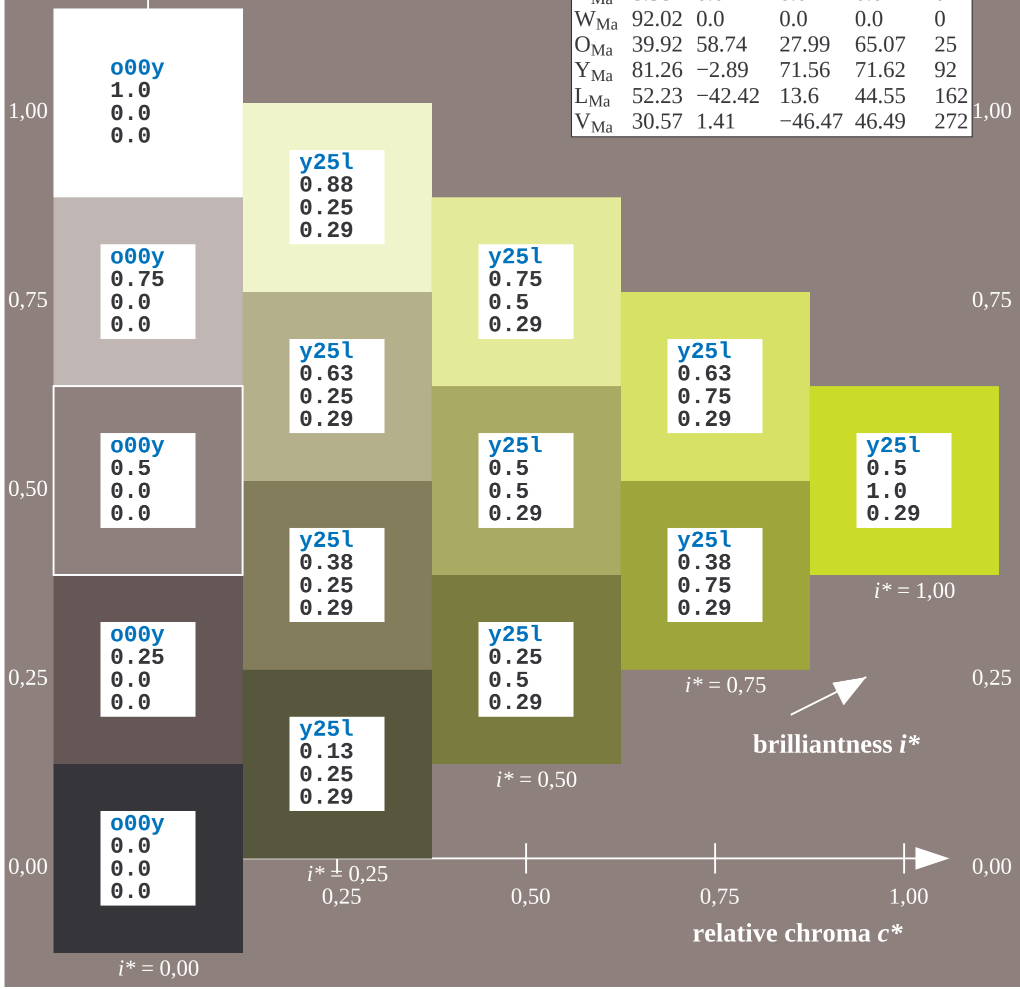


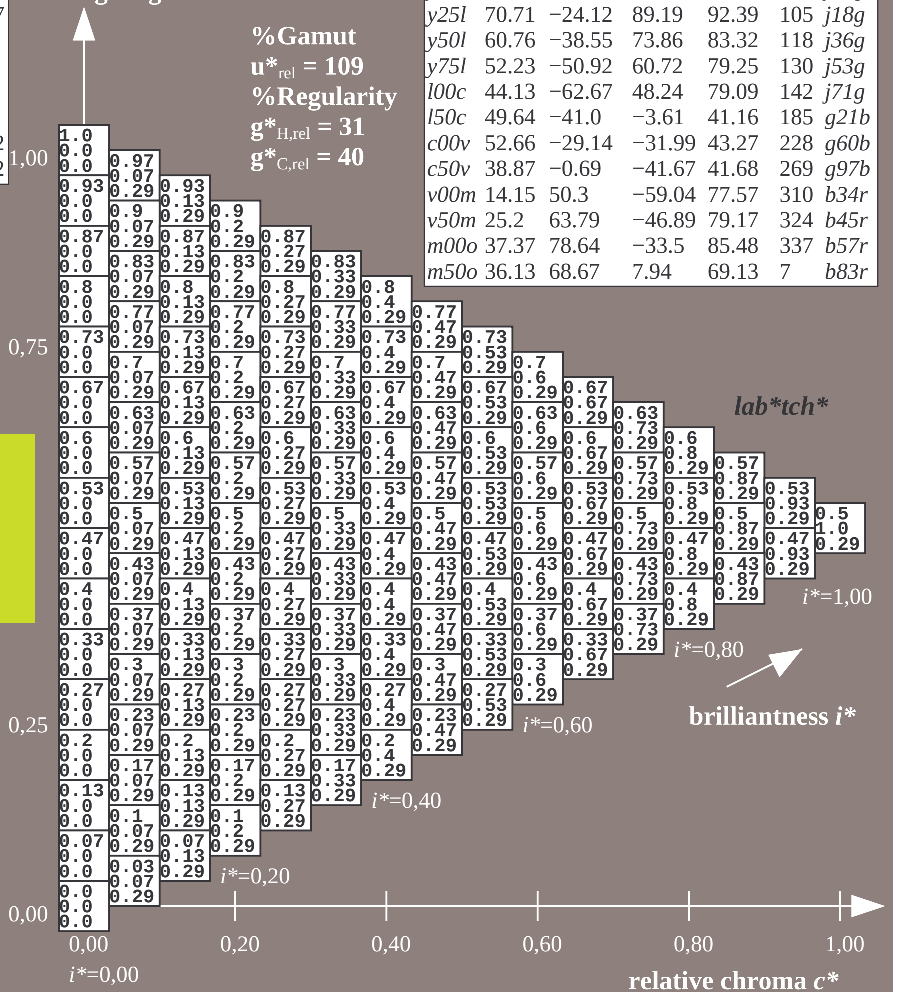
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 71 −24 89**
***$LAB^*LCH^*_{Ma}$*: 71 92 105**
***$lab^*olv^*_{Ma}$*: 0.75 1.0 0.0**
***$lab^*rgb^*_{Ma}$*: 0.82 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





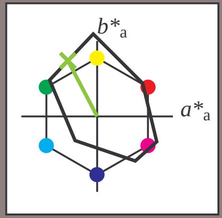
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



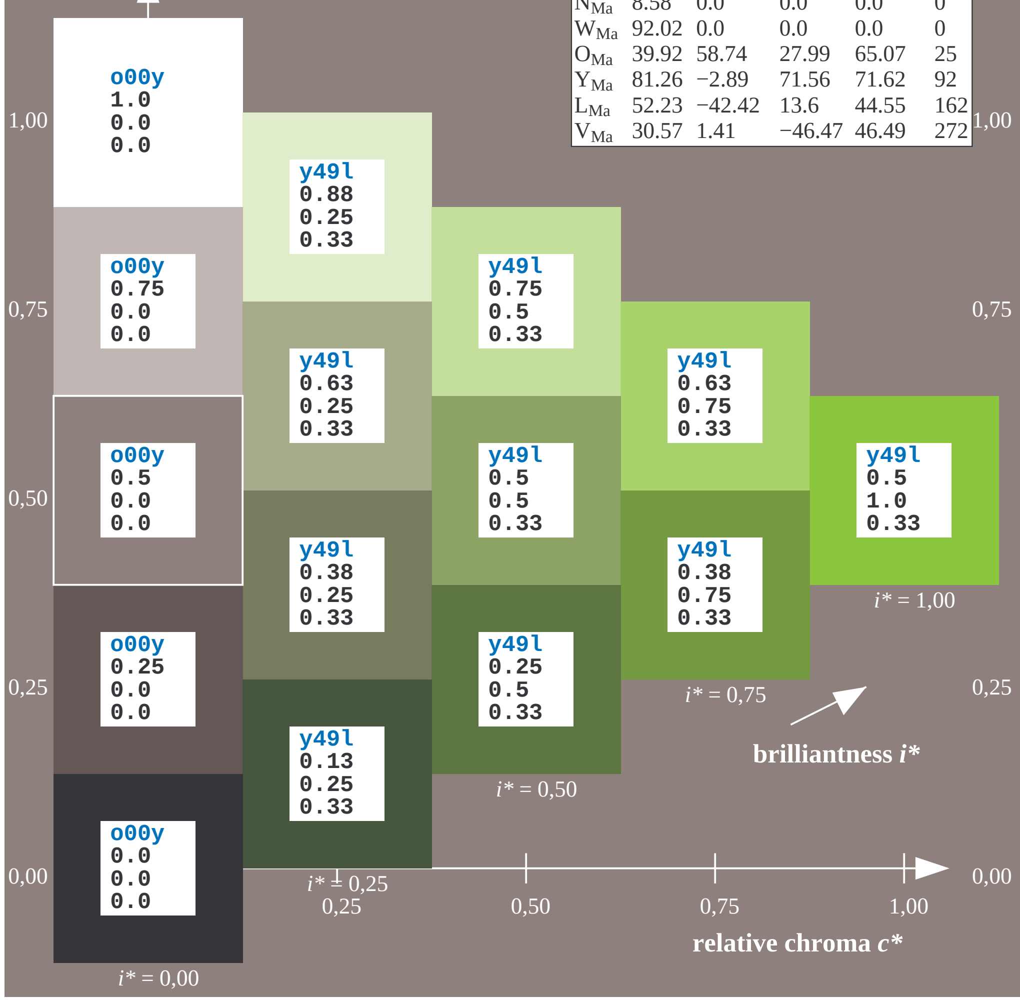
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

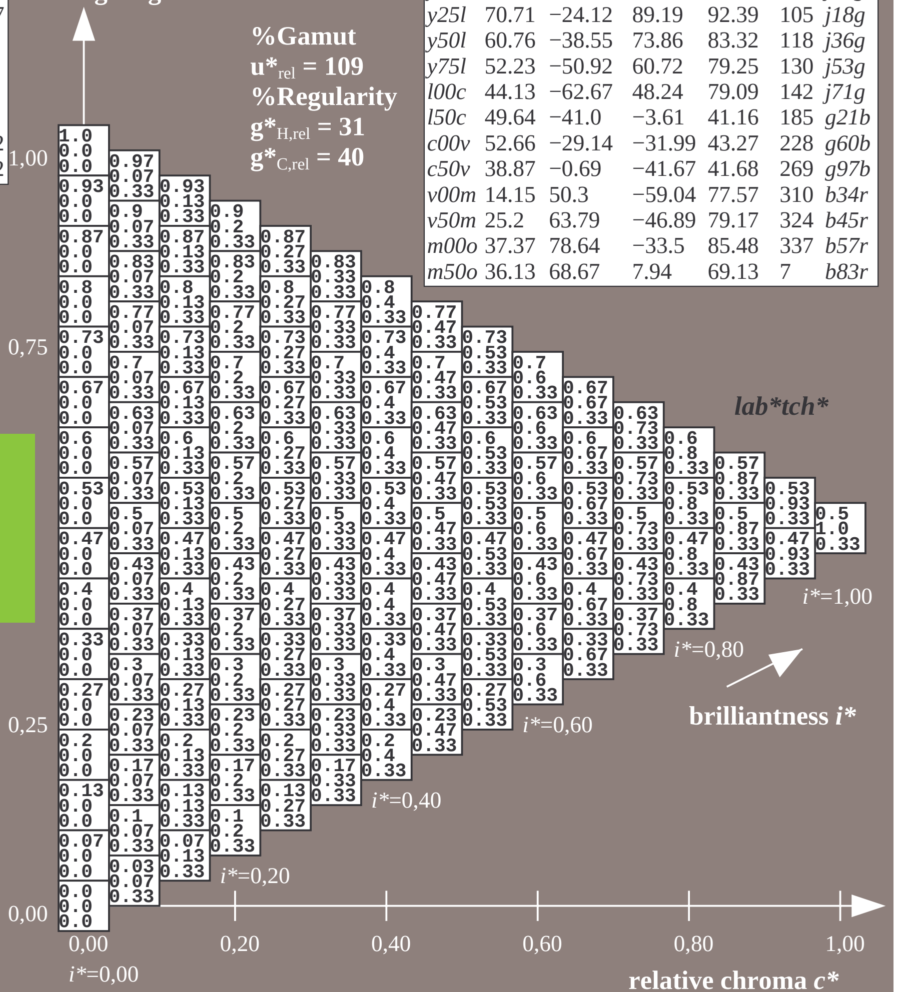
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −39 74
$LAB^*LCH^*_{Ma}$: 61 83 117
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

$u^*_d = y50l$
*lab*tch**

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





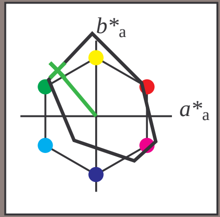
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

$u^*_d = y75l$
*lab*tch**

data for any colour:
*lab*tch** **and** *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

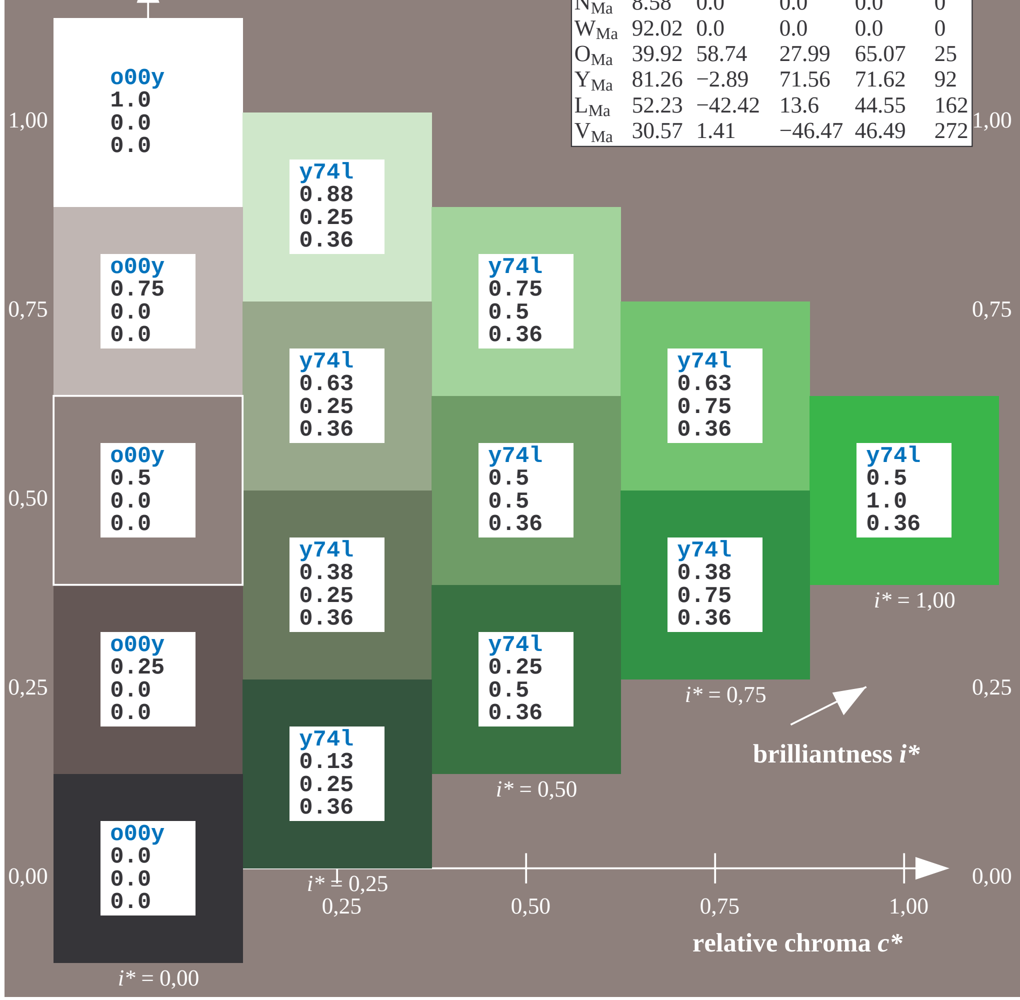


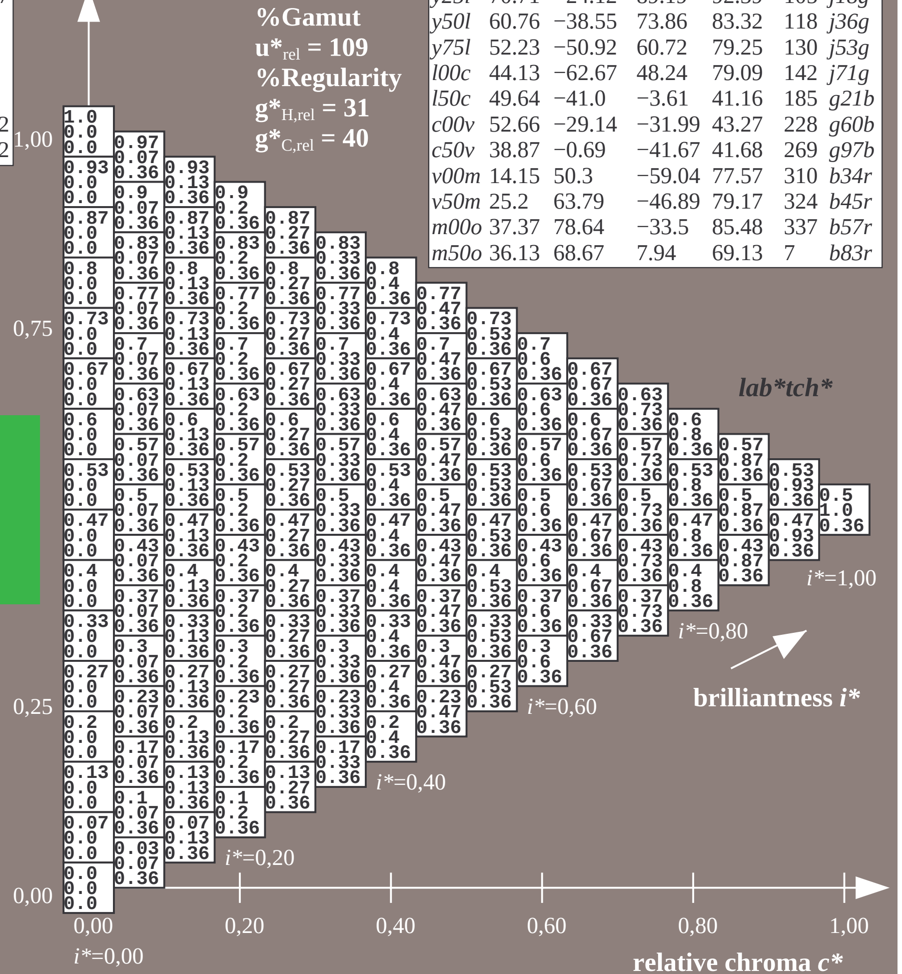
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −51 61
*LAB*LCH**$_{Ma}$: 52 79 129
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.46 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

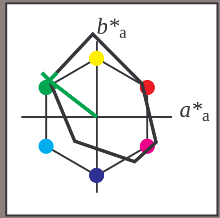
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

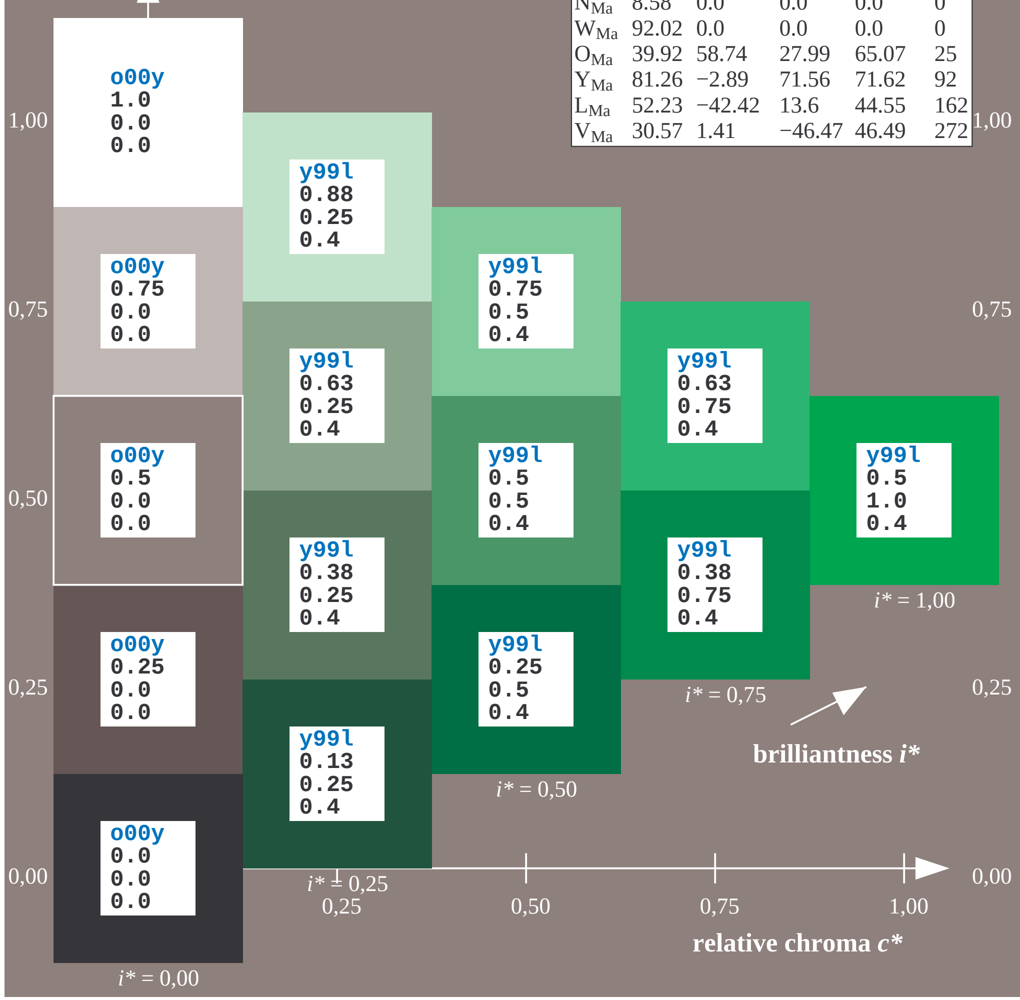
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.396**

data for any colour:
lab*tch** and *lab*icu
Hue texts:
u^*_d = *l00c* u^*_e = *j71g*
contrast reduction factor:
c_R = 1.0
triangle lightness *t*



FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

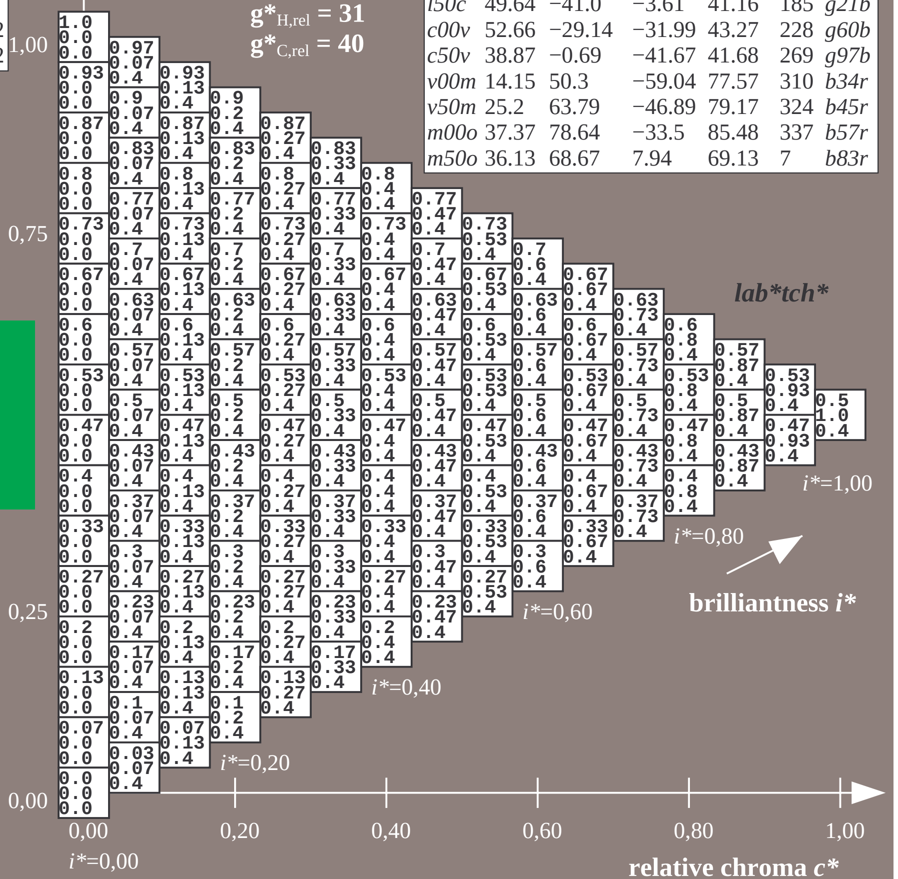


Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 44 −63 48**
***LAB*LCH**$_{Ma}$: 44 79 142**
***lab*olv**$_{Ma}$: 0.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.28 1.0 0.0**
triangle lightness *t*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

u^*_d = *l00c*
*lab*tch**

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*



See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

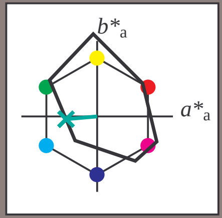
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.514**

u*$_d$ ***= l50c***
lab*tch*

data for any colour:
lab*tch* **and** ***lab*icu****
Hue texts:
u^*_d = *l50c* u^*_e = *g21b*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

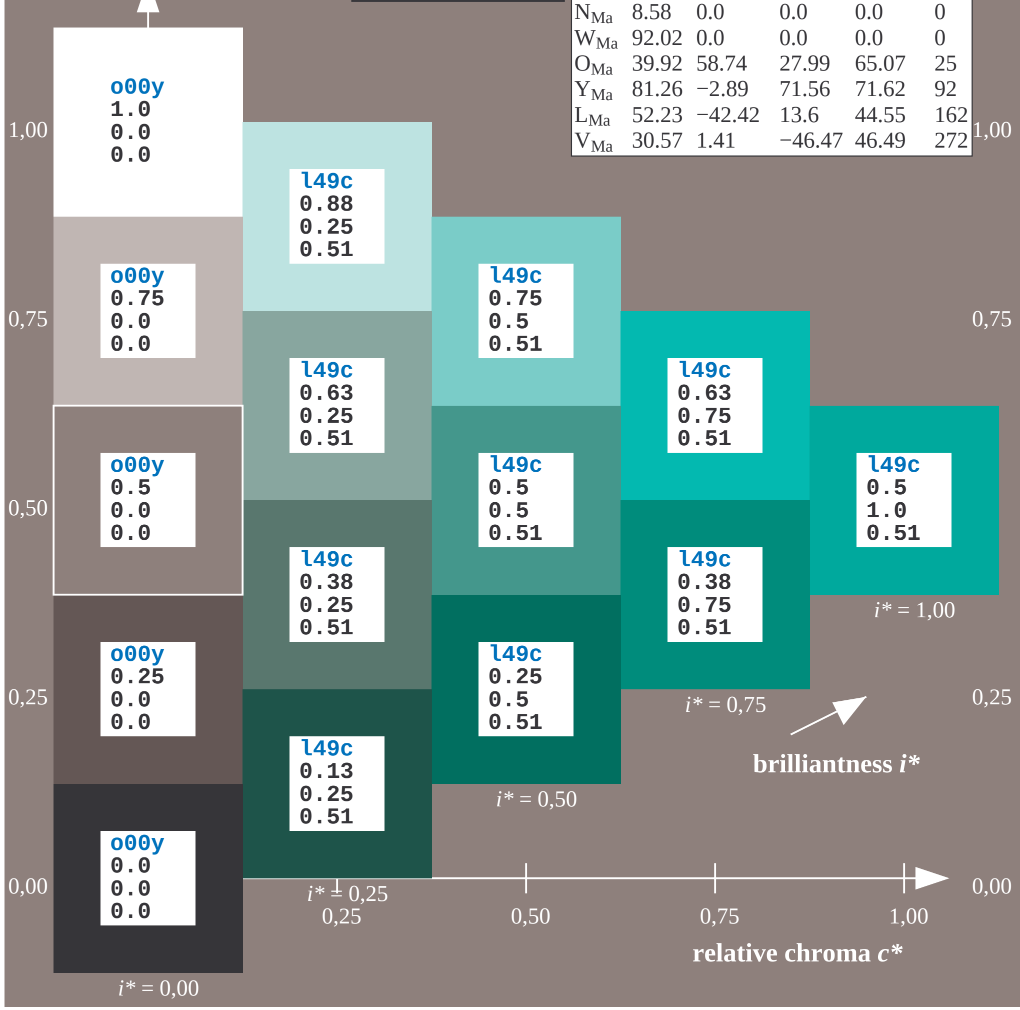


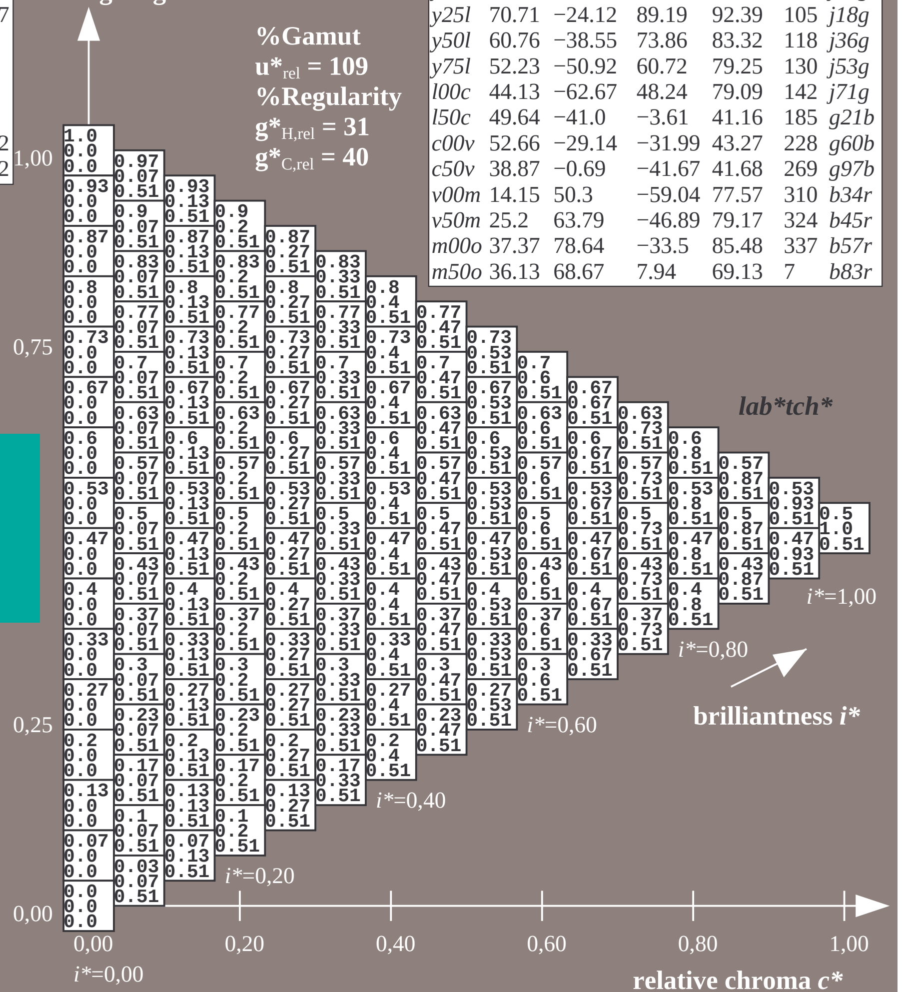
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 50 −41 −4**
LAB*LCH*$_{Ma}$**: 50 41 185**
lab*olv*$_{Ma}$**: 0.0 1.0 0.5**
lab*rgb*$_{Ma}$**: 0.0 1.0 0.42**
triangle lightness *t**

%Gamut
u^*_{rel} **= 109**
%Regularity
$g^*_{H,rel}$ **= 31**
$g^*_{C,rel}$ **= 40**

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

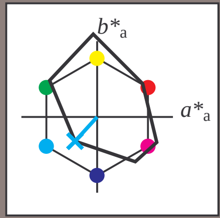
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$
*lab*tch**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t*

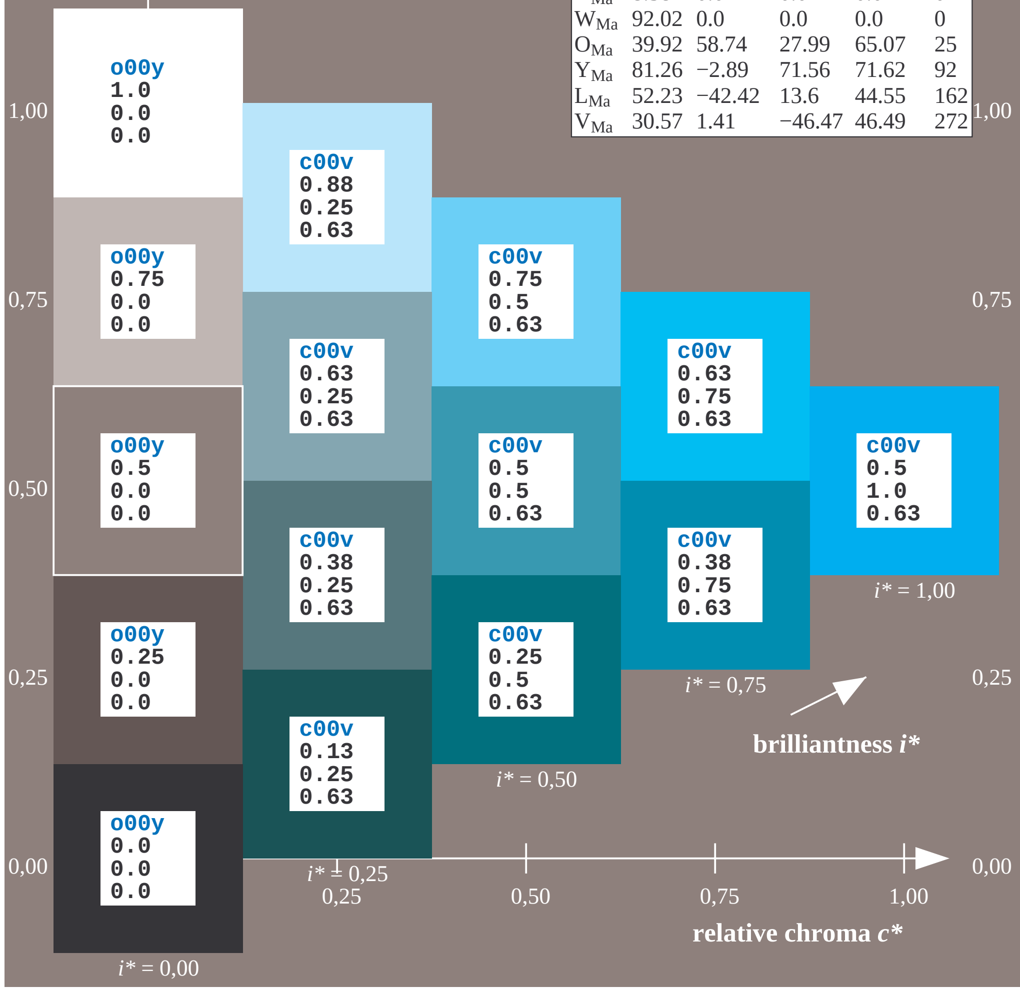


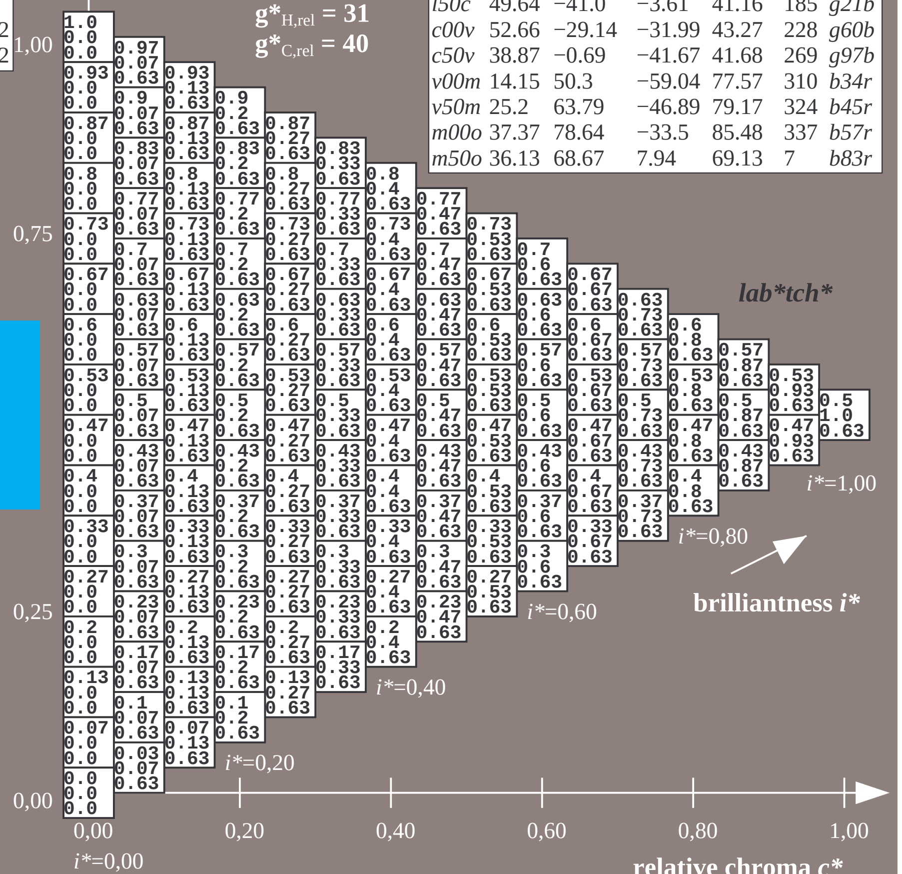
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −29 −32
$LAB^*LCH^*_{Ma}$: 53 43 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0
triangle lightness *t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

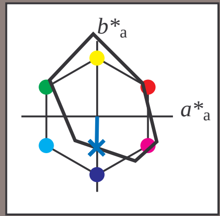
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

$u^*_d = c50v$
*lab*tch**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

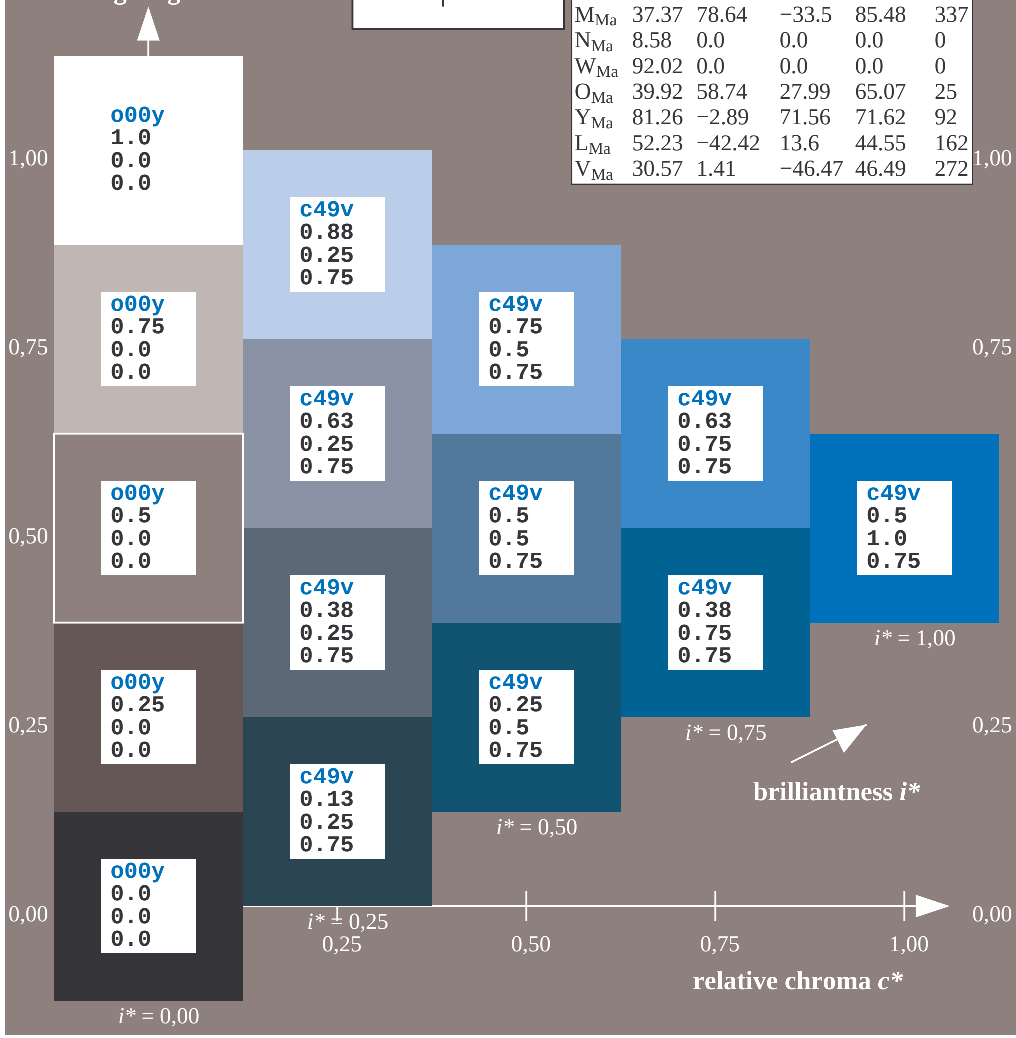


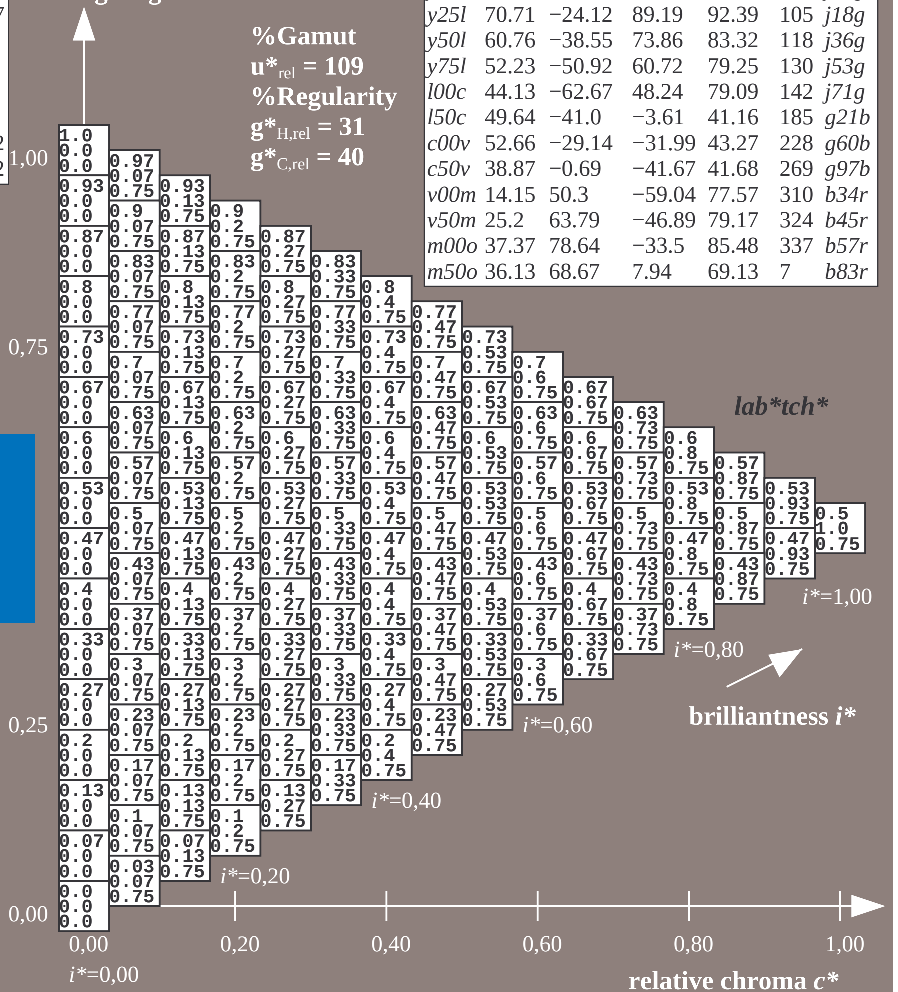
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 −1 −42
$LAB^*LCH^*_{Ma}$: 39 42 269
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





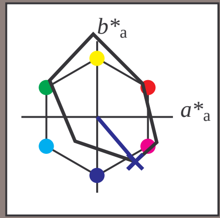
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

$u^*_d = v00m$
*lab*tch**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

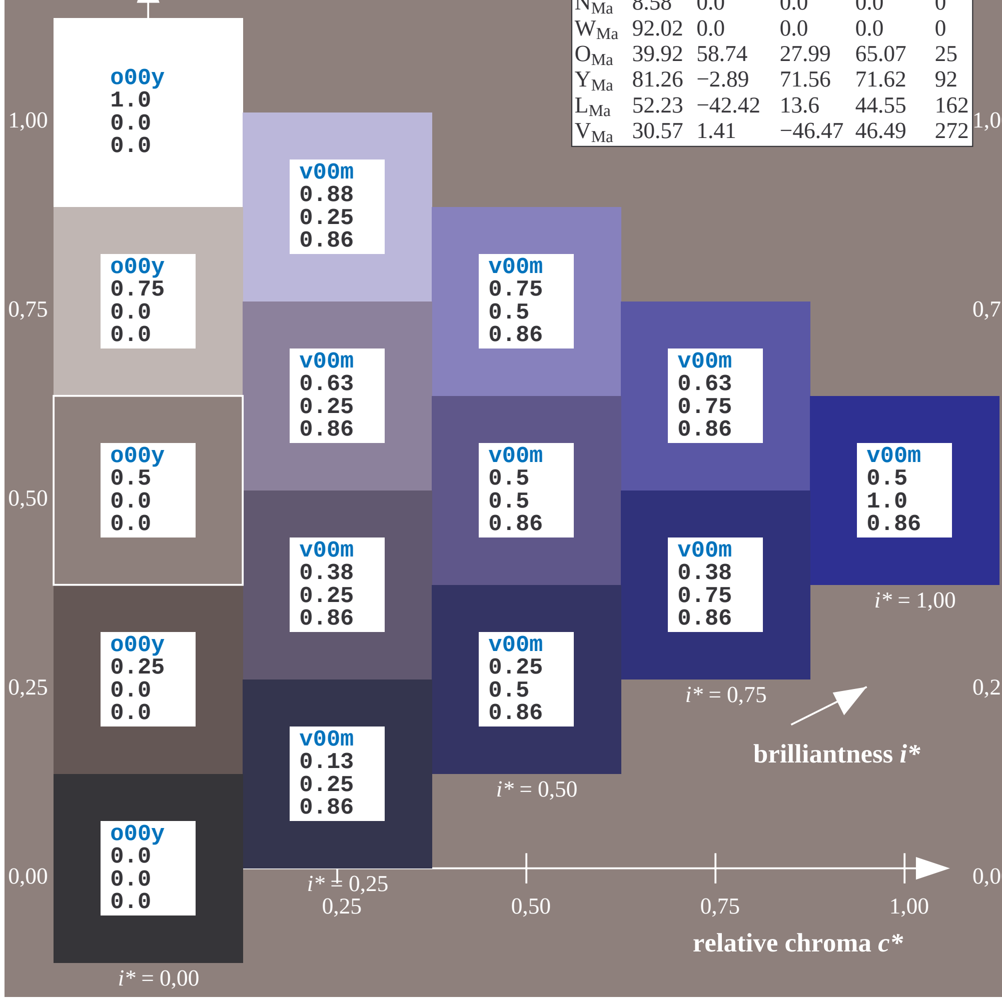


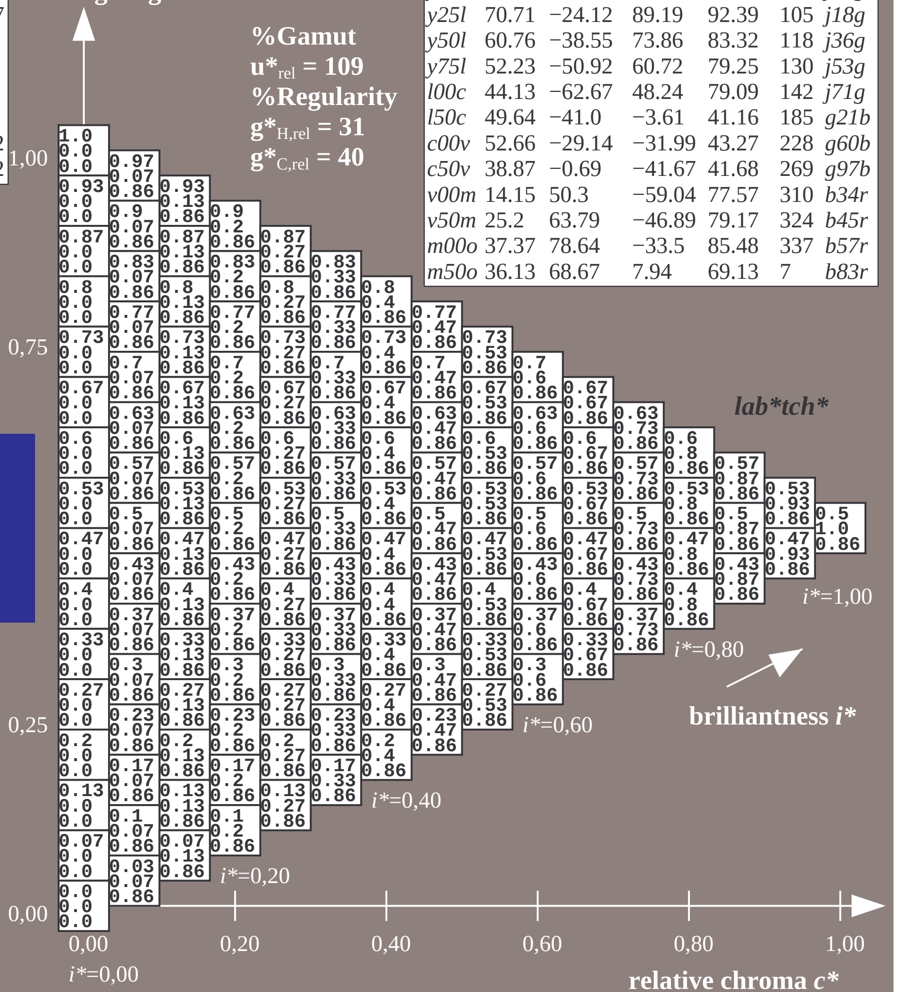
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 14 50 −59**
***$LAB^*LCH^*_{Ma}$*: 14 78 310**
***$lab^*olv^*_{Ma}$*: 0.0 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 0.68 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

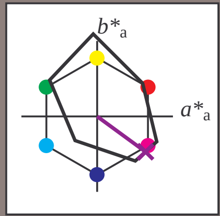




Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

$u^*_d = v50m$
*lab*tch**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

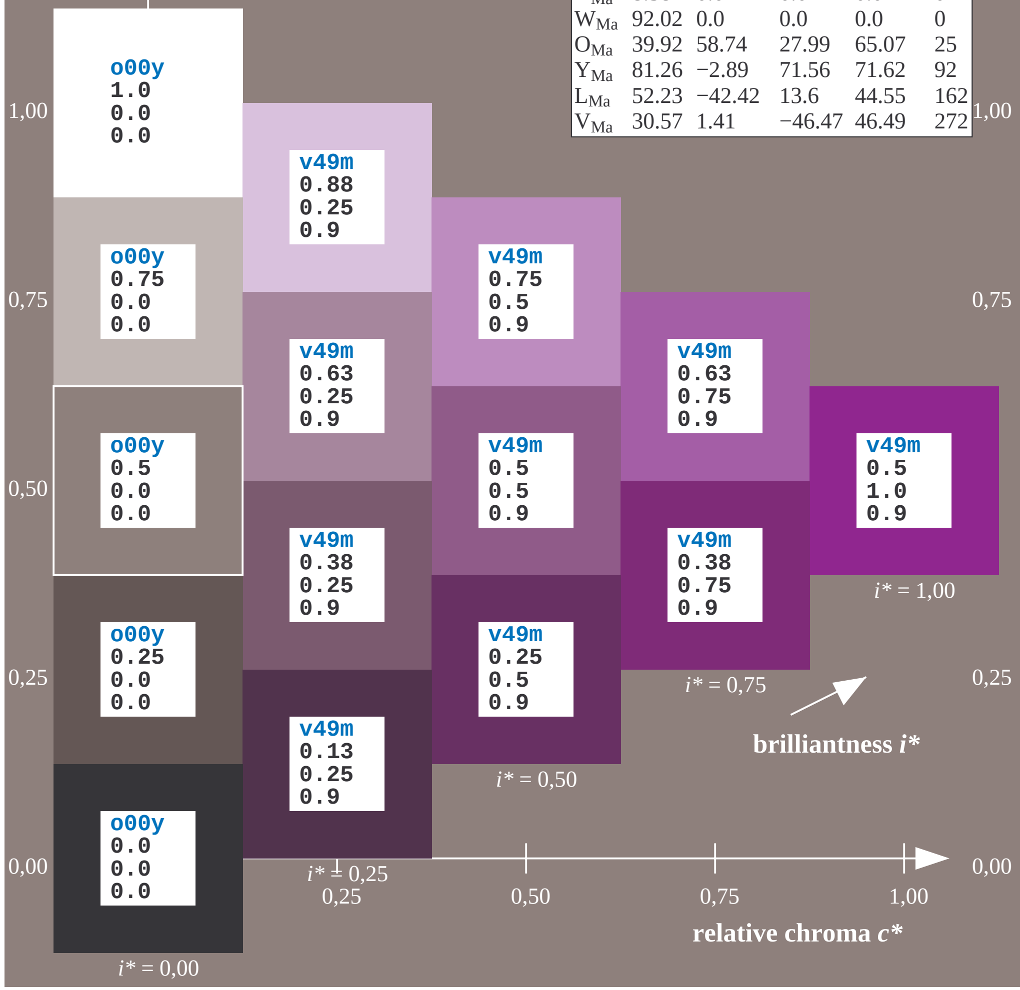


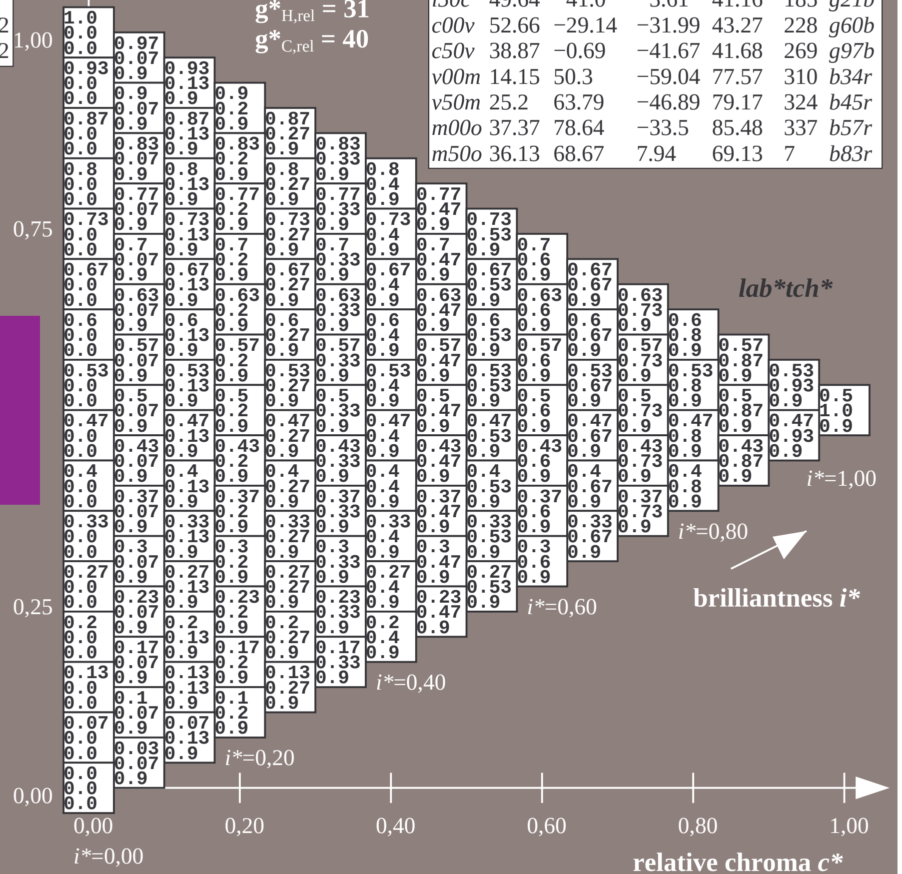
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 25 64 −47**
***$LAB^*LCH^*_{Ma}$*: 25 79 323**
***$lab^*olv^*_{Ma}$*: 0.5 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 0.91 0.0 1.0**
triangle lightness *t**

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

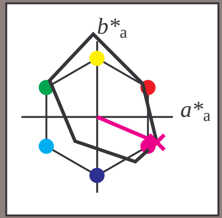
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$
*lab*tch**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

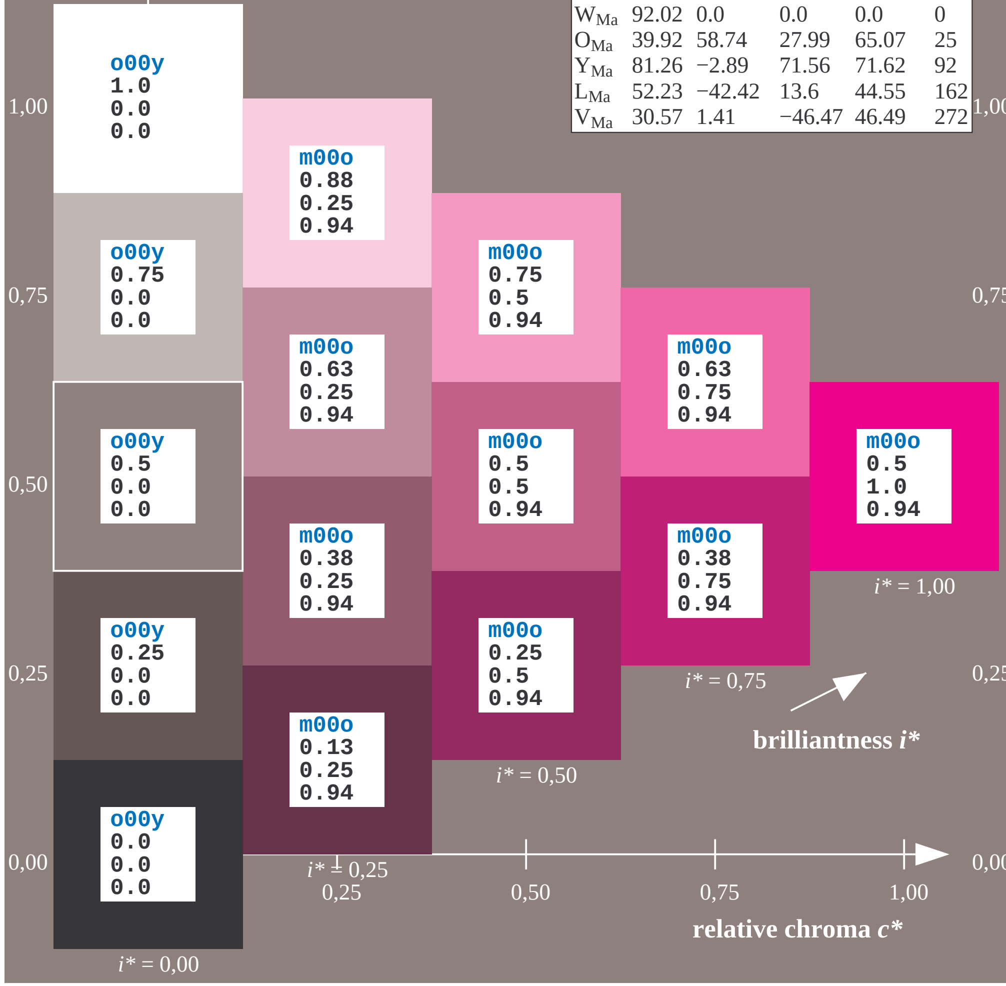


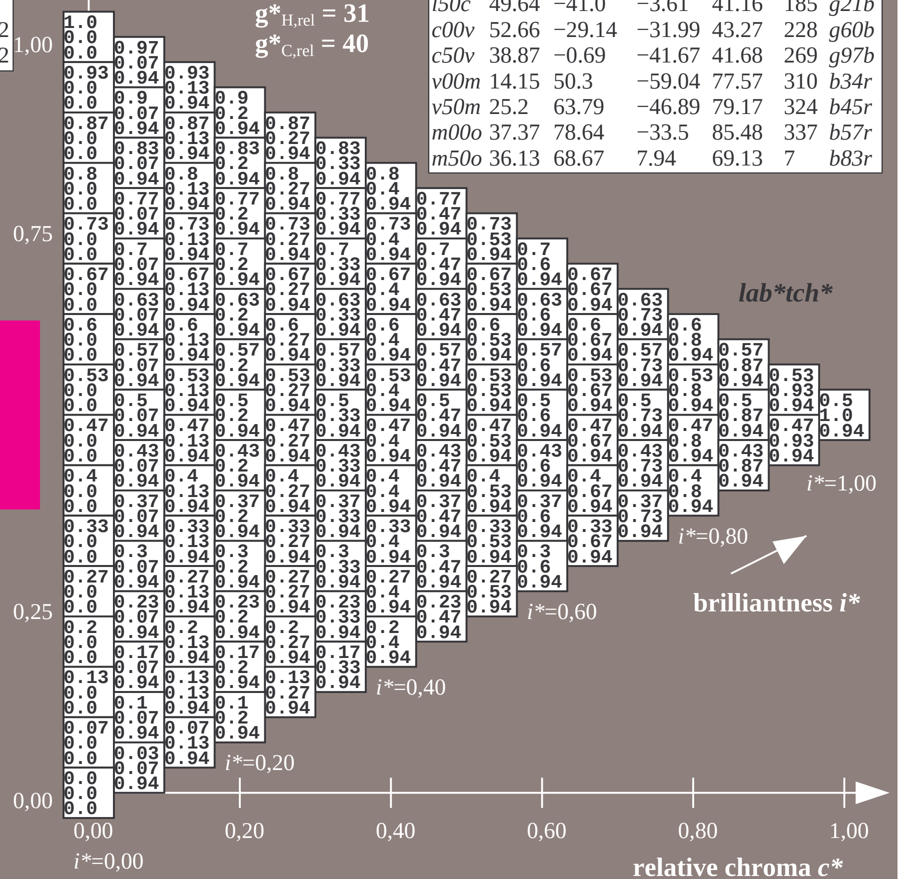
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 37 79 −34**
***LAB*LCH*$_{Ma}$*: 37 85 336**
***lab*olv*$_{Ma}$*: 1.0 0.0 1.0**
***lab*rgb*$_{Ma}$*: 1.0 0.0 0.85**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

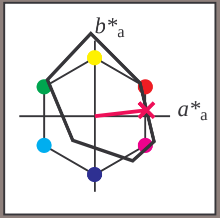
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

$u^*_d = m50o$
lab*tch*

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

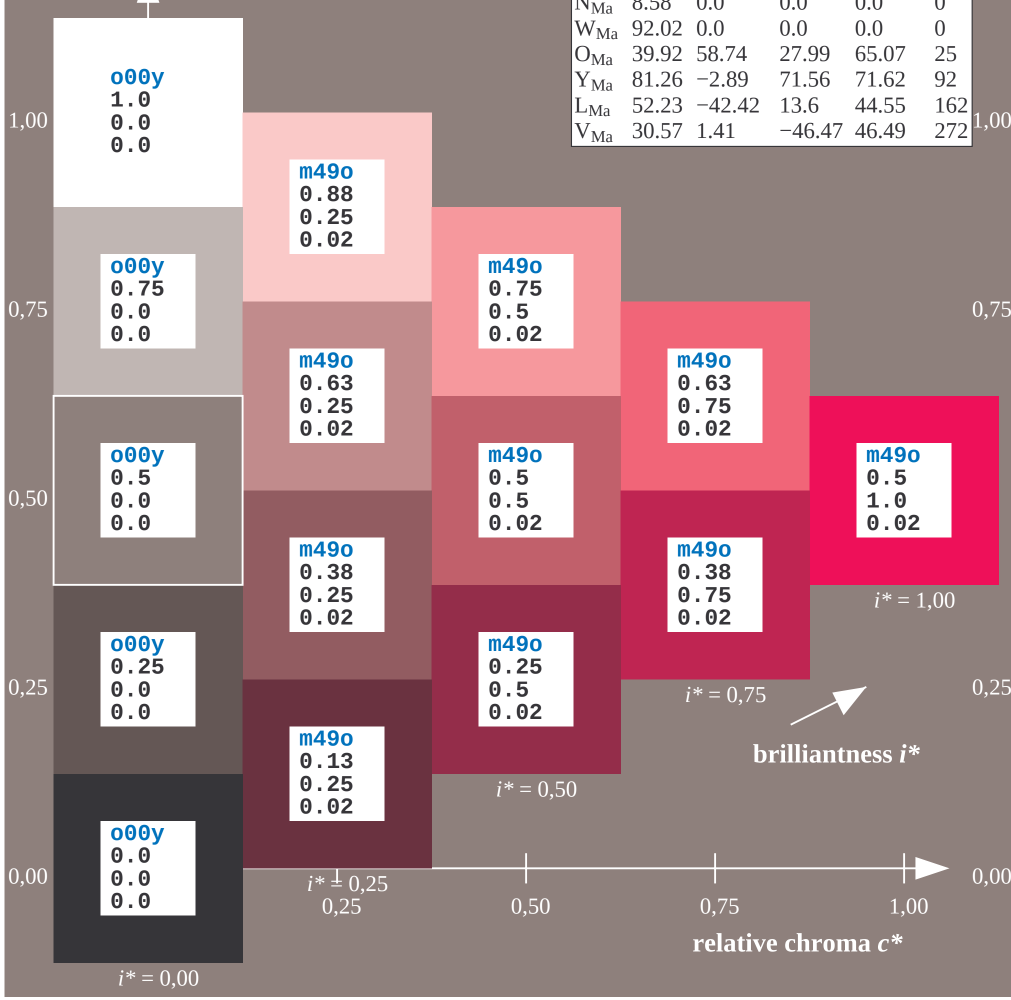


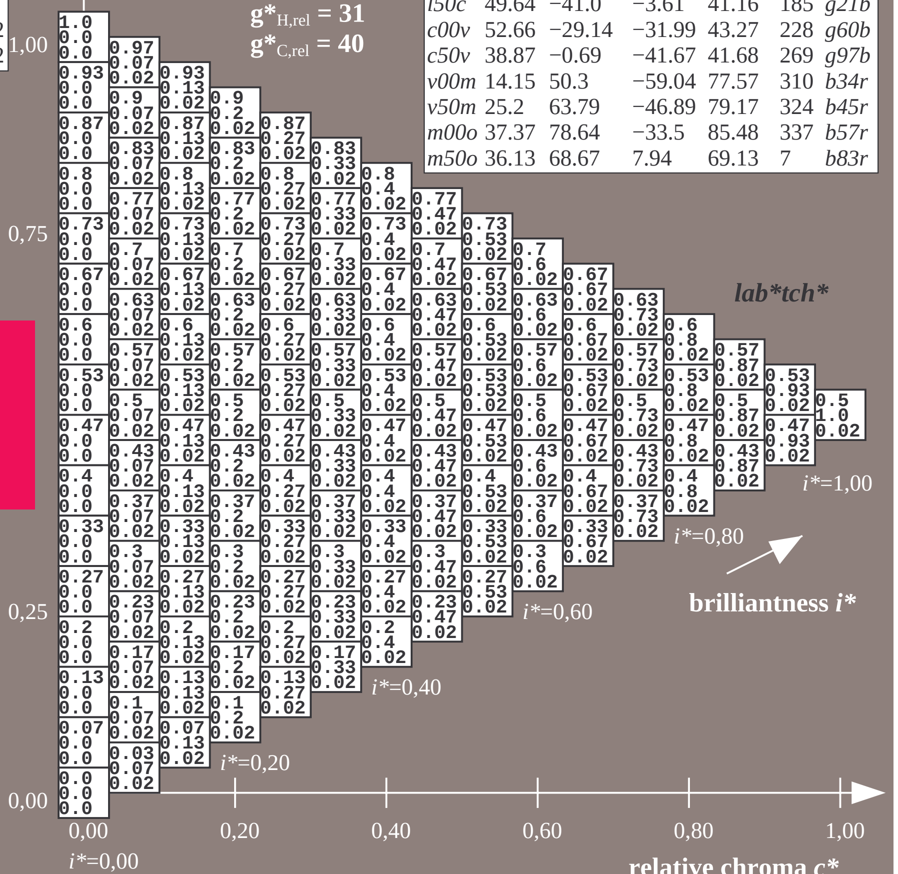
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 36 69 8**
***$LAB^*LCH^*_{Ma}$*: 36 69 6**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 0.5**
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.33**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*tch*		
01	0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.0	0.0	0.0	0.0
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.26	0.33	0.35	0.36	0.37	0.37	0.38	0.38	0.1	0.18	0.26	0.3	0.33	0.34	0.35	0.36	0.36	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
02	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.13	0.13	0.13	0.13
	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0
	0.86	0.63	0.51	0.47	0.45	0.44	0.44	0.43	0.43	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.02	0.1	0.26	0.33	0.35	0.36	0.37	0.37	0.38	0.63	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
03	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.25	0.25	0.25	0.25
	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.0	0.0	0.0	0.0
	0.86	0.75	0.63	0.55	0.51	0.49	0.47	0.46	0.45	0.9	0.86	0.63	0.51	0.47	0.45	0.44	0.44	0.43	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.63	0.63	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
04	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.63	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.38	0.38	0.38	0.38
	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.0	0.0	0.0	0.0
	0.86	0.79	0.71	0.63	0.57	0.54	0.51	0.5	0.48	0.89	0.86	0.75	0.63	0.55	0.51	0.49	0.47	0.46	0.91	0.9	0.86	0.63	0.51	0.47	0.45	0.44	0.44	0.63	0.63	0.63	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
05	0.25	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.25	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.63	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.5	0.5	0.5	0.5
	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0	0.0
	0.86	0.8	0.75	0.69	0.63	0.59	0.55	0.53	0.51	0.88	0.86	0.79	0.71	0.63	0.57	0.54	0.51	0.5	0.9	0.89	0.86	0.75	0.63	0.55	0.51	0.49	0.47	0.63	0.63	0.63	0.63	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
06	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.31	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.31	0.38	0.44	0.44	0.44	0.44	0.5	0.56	0.63	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.63	0.63	0.63	0.63
	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.0	0.0	0.0	0.0
	0.86	0.82	0.77	0.72	0.68	0.63	0.59	0.56	0.54	0.88	0.86	0.8	0.75	0.69	0.63	0.59	0.55	0.53	0.89	0.88	0.86	0.79	0.71	0.63	0.57	0.54	0.51	0.63	0.63	0.63	0.63	0.63	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
07	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.38	0.44	0.5	0.5	0.5	0.5	0.5	0.56	0.63	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.75	0.75	0.75	0.75
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	0.0
	0.86	0.82	0.79	0.75	0.71	0.67	0.63	0.6	0.57	0.87	0.86	0.82	0.77	0.72	0.68	0.63	0.59	0.56	0.89	0.88	0.86	0.8	0.75	0.69	0.63	0.59	0.55	0.63	0.63	0.63	0.63	0.63	0.63	0.0	0.1	0.1	0.0	0.0	0.0	0.0
08	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.44	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.88	0.88	0.88	0.88
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.88	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.0	0.0	0.0	0.0
	0.86	0.83	0.8	0.76	0.73	0.7	0.67	0.63	0.6	0.87	0.86	0.82	0.79	0.75	0.71	0.67	0.63	0.6	0.88	0.87	0.86	0.82	0.77	0.72	0.68	0.63	0.59	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.0	0.1	0.0	0.0	0.0	0.0
09	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0
	0.86	0.83	0.8	0.78	0.75	0.72	0.69	0.66	0.63	0.87	0.86	0.83	0.8	0.76	0.73	0.7	0.67	0.63	0.88	0.87	0.86	0.82	0.79	0.75	0.71	0.67	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.0	0.0	0.0	0.0	0.0
10	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.25	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.0	0.0	0.0	0.0
	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
	0.1	0.15	0.21	0.26	0.29	0.31	0.33	0.34	0.34	0.1	0.14	0.18	0.22	0.26	0.29	0.3	0.32	0.33	0.1	0.13	0.16	0.19	0.23	0.26	0.28	0.3	0.31	0.0	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.0	0.0	0.0	0.0
11	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.31	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.07	0.07	0.07	0.07
	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0
	0.05	0.1	0.18	0.26	0.3	0.33	0.34	0.35	0.36	0.06	0.1	0.15	0.21	0.26	0.29	0.31	0.33	0.34	0.07	0.1	0.14	0.18	0.22	0.26	0.29	0.3	0.32	0.86	0.0	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.0	0.0	0.0	0.0
12	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.63	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.63	0.31	0.38	0.44	0.44	0.44	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.13	0.13	0.13	0.13
	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.0	0.0	0.0	0.0
	0.99	0.02	0.1	0.26	0.33	0.35	0.36	0.37	0.37	0.02	0.05	0.1	0.18	0.26	0.3	0.33	0.34	0.35	0.03	0.06	0.1	0.15	0.21	0.26	0.29	0.31	0.33	0.86	0.86	0.0	0.26	0.26	0.26	0.26	0.26	0.26	0.0	0.0	0.0	0.0
13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.25	0.31	0.38	0.44	0.44	0.5	0.56	0.63	0.69	0.31	0.38	0.44	0.5	0.5	0.5	0.56	0.63	0.69	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.2	0.2	0.2	0.2
	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.0	0.0	0.0	0.0
	0.94	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.98	0.99	0.02	0.1	0.26	0.33	0.35	0.36	0.37	0.0	0.02	0.05	0.1	0.18	0.26	0.3	0.33	0.34	0.86	0.86	0.86	0.0	0.26	0.26	0.26	0.26	0.26	0.0	0.0	0.0	0.0
14	0.25	0.31	0.38	0.44	0.44	0.5	0.56	0.63	0.69	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.31	0.38	0.44	0.5	0.56	0.56	0.63	0.69	0.75	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.27	0.27	0.27	0.27
	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0	0.0
	0.92	0.91	0.9	0.86	0.63	0.51	0.47	0.45	0.44	0.94	0.94	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.97	0.98	0.99	0.02	0.1	0.26	0.33	0.35	0.36	0.86	0.86	0.86	0.86	0.0	0.26	0.26	0.26	0.26	0.0	0.0	0.0	0.0
15	0.31	0.38	0.44	0.5	0.5	0.5	0.56	0.63	0.69	0.31	0.38	0.44	0.5	0.56	0.56	0.63	0.69	0.75	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.33	0.33	0.33	0.33
	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.0	0.0	0.0	0.0
	0.91	0.9	0.89	0.86	0.75	0.63	0.55	0.51	0.49	0.92	0.92	0.91	0.9	0.86	0.63	0.51	0.47	0.45	0.94	0.94	0.94	0.94	0.94	0.0	0.4	0.4	0.4	0.86	0.86	0.86	0.86	0.86	0.0	0.26	0.26	0.26	0.0	0.0	0.0	0.0
16	0.38	0.44	0.5	0.56	0.56	0.56	0.56	0.63	0.69	0.38	0.44	0.5	0.56	0.63	0.63	0.63	0.69	0.75	0.38	0.44	0.5	0.56	0.63	0.69	0.69	0.75	0.81	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.4	0.4	0.4	0.4
	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	0.0
	0.9	0.89	0.88	0.86	0.79	0.71	0.63	0.57	0.54	0.91	0.91	0.9	0.89	0.86	0.75	0.63	0.55	0.51	0.92	0.92	0.92	0.91	0.9	0.86	0.63	0.51	0.47	0.86	0.86	0.86	0.86	0.86	0.86	0.0	0.26	0.26	0.0	0.0	0.0	0.0
17	0.44	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.69	0.44	0.5	0.56	0.63	0.69	0.69	0.69	0.69	0.75	0.44	0.5	0.56	0.63	0.69	0.75	0.75	0.75	0.81	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.47	0.47	0.47	0.47
	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.88	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.88	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.0	0.0	0.0	0.0
	0.89	0.89	0.88	0.86	0.8	0.75	0.69	0.63	0.59	0.9	0.9	0.89	0.88	0.86	0.79	0.71	0.63	0.57	0.91	0.91	0.91	0.9	0.89	0.86	0.75	0.63	0.55	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.0	0.26	0.0	0.0	0.0	0.0
18	0.5	0.56	0.63	0.69	0.69	0.69	0.69	0.69	0.69	0.5	0.56	0.63	0.69	0.75	0.75	0.75	0.75	0.75	0.5	0.56	0.63	0.69	0.75	0.81	0.81	0.81	0.81	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	0.53	0.53	0.53	0.53
	1.0	0.88	0.75	0.63	0.63	0.63	0.63	0.63	0.63	1.0	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	1.0	0.88	0.75	0.63	0.5	0.38	0.38	0.38	0.38	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0
	0.89	0.88	0.87	0.86	0.82	0.77	0.72	0.68	0.63	0.9	0.89	0.89	0.88	0.86	0.8	0.75	0.69	0.63	0.91	0.9	0.9	0.89	0.88	0.86	0.79	0.71	0.63	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.0	0.0	0.0	0.0	0.0
19	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.6	0.6	0.6	0.6
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0
	0.1	0.13	0.15	0.18	0.21	0.23	0.26	0.28	0.29	0.1	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.27	0.1	0.12	0.14	0.16	0.18	0.2	0.22	0.24	0.26	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
20	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.67	0.67	0.67	0.67
	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	0.0	0.0	0.0	0.0
	0.07	0.1	0.13	0.16	0.19	0.23	0.26	0.28	0.3	0.08	0.1	0.13	0.15	0.18	0.21	0.23	0.26	0.28	0.08	0.1	0.12	0.15	0.17	0.19	0.21	0.24	0.26	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
21	0.38	0.44	0.5	0.5	0.5	0.5	0.5	0.56	0.63	0.44	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.63	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.73	0.73	0.73	0.73
	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.0	0.0	0.0	0.0
	0.05	0.07	0.1	0.14	0.18	0.22	0.26	0.29	0.3	0.05	0.07	0.1	0.13	0.16	0.19	0.23	0.26	0.28	0.06	0.08	0.1	0.13	0.15	0.18	0.21	0.23	0.26	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
22	0.38	0.44	0.5	0.56	0.56	0.56	0.56	0.63	0.69	0.44	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.69	0.5	0.56	0.63	0.69	0.69	0.69	0.69	0.69	0.69	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.8	0.8	0.8	0.8
	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.63	1.0	0.88	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.0	0.0	0.0	0.0
	0.02	0.03	0.06	0.1	0.15	0.21	0.26	0.29	0.31	0.03	0.05	0.07	0.1	0.14	0.18	0.22	0.26	0.29	0.04	0.05	0.07	0.1	0.13	0.16	0.19	0.23	0.26	0.94	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
23	0.38	0.44	0.5	0.56	0.63	0.63	0.63	0.69	0.75	0.44	0.5	0.56	0.63	0.69	0.69	0.69	0.69	0.75	0.5	0.56	0.63	0.69	0.75	0.75	0.75	0.75	0.75	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.87	0.87	0.87	0.87
	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.88	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	1.0	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0	0.0
	0.99	0.0	0.02	0.05	0.1	0.18	0.26	0.3	0.33	0.01	0.02	0.03	0.06	0.1	0.15	0.21	0.26	0.29	0.02	0.03	0.05	0.07	0.1	0.14	0.18	0.22	0.26	0.94	0.94	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
24	0.38	0.44	0.5	0.56	0.63	0.69	0.69	0.75	0.81	0.44	0.5	0.56	0.63	0.69	0.75	0.75	0.75	0.81	0.5	0.56	0.63	0.69	0.75	0.81	0.81	0.81	0.81	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.93	0.93	0.93	0.93
	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.88	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.38	1.0	0.88	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.0	0.0	0.0	0.0
	0.96	0.97	0.98	0.99	0.02	0.1	0.26	0.33	0.35	0.98	0.99	0.0	0.02	0.05	0.1	0.18	0.26	0.3	1.0	0.01	0.02	0.03	0.06	0.1	0.15	0.21	0.26	0.94	0.94	0.94	0.94	0.94	0.0	0.4	0.4	0.4	0.0	0.0	0.0	0.0
25	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.81	0.88	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.88	0.88	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	1.0	1.0	1.0	1.0
	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	0.0
	0.94	0.94	0.94	0.94	0.94	0.94	0.0	0.4	0.4	0.96	0.96	0.97	0.98	0.99	0.02	0.1	0.26	0.33	0.98	0.98	0.99	0.0	0.02	0.05	0.1	0.18	0.26	0.94	0.94	0.94	0.94	0.94	0.94	0.0	0.4	0.4	0.0	0.0	0.0	0.0
26	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.81	0.88	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94	0.94	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	0.5	0.5	0.5
	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.0	1.0	1.0	1.0
	0.93	0.92	0.92	0.92	0.91	0.9	0.86	0.63	0.51	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.0	0.4	0.96	0.96	0.96	0.97	0.98	0.99	0.02	0.1	0.26	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.0	0.4	0.0	0.1	0.26	0.4
27	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.88	0.88	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94	0.94	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94	1.0	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	1.0	0.5	0.5	0.5
	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	1.0	1.0	1.0
	0.92	0.91	0.91	0.91	0.9	0.89	0.86	0.75	0.63	0.93	0.93	0.92	0.92	0.92	0.91	0.9	0.86	0.63	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.0	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.0	0.0	0.63	0.86	0.94

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

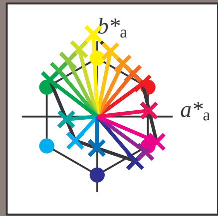
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

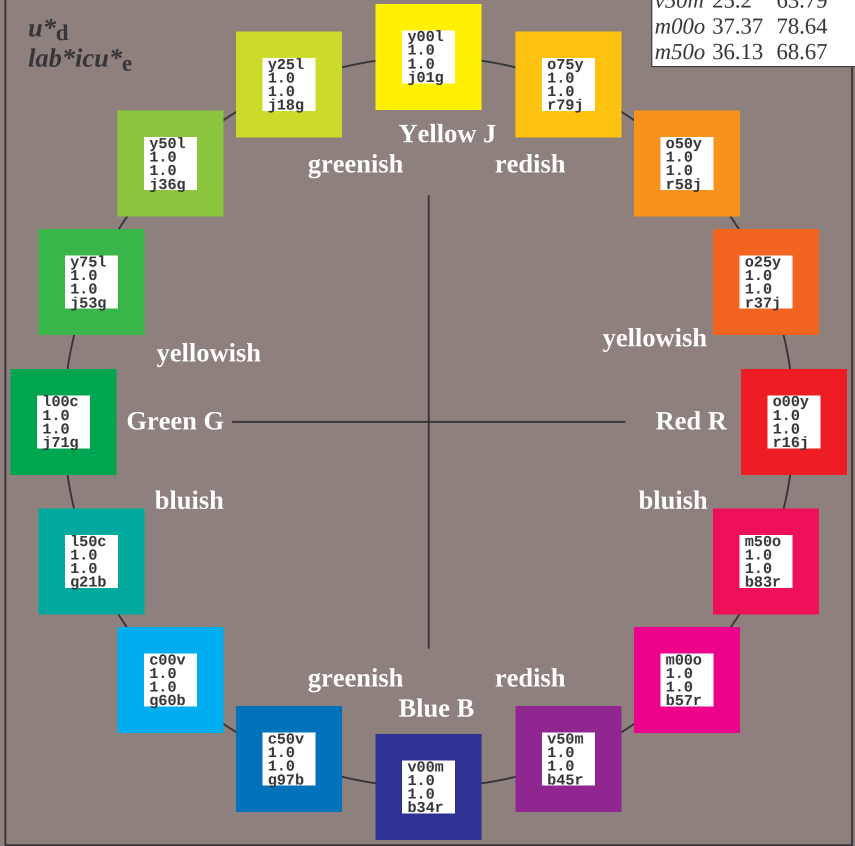
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

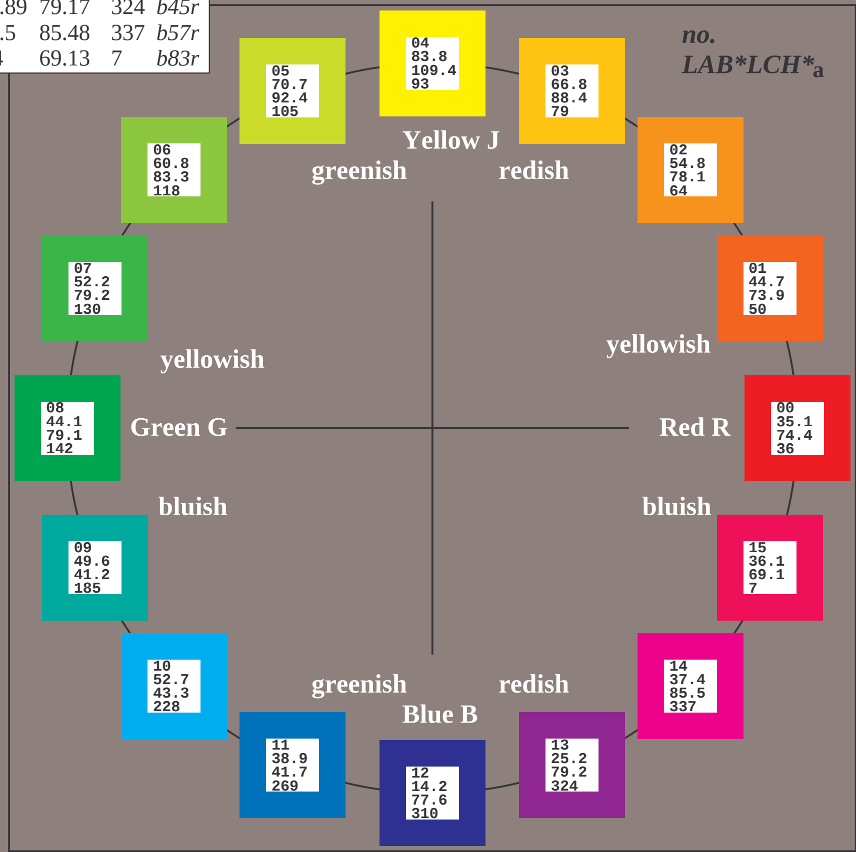


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





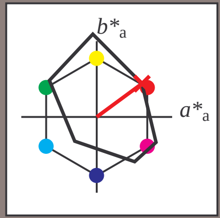
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

$u^*_d = o00y$
$lab^*icu^*_e$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

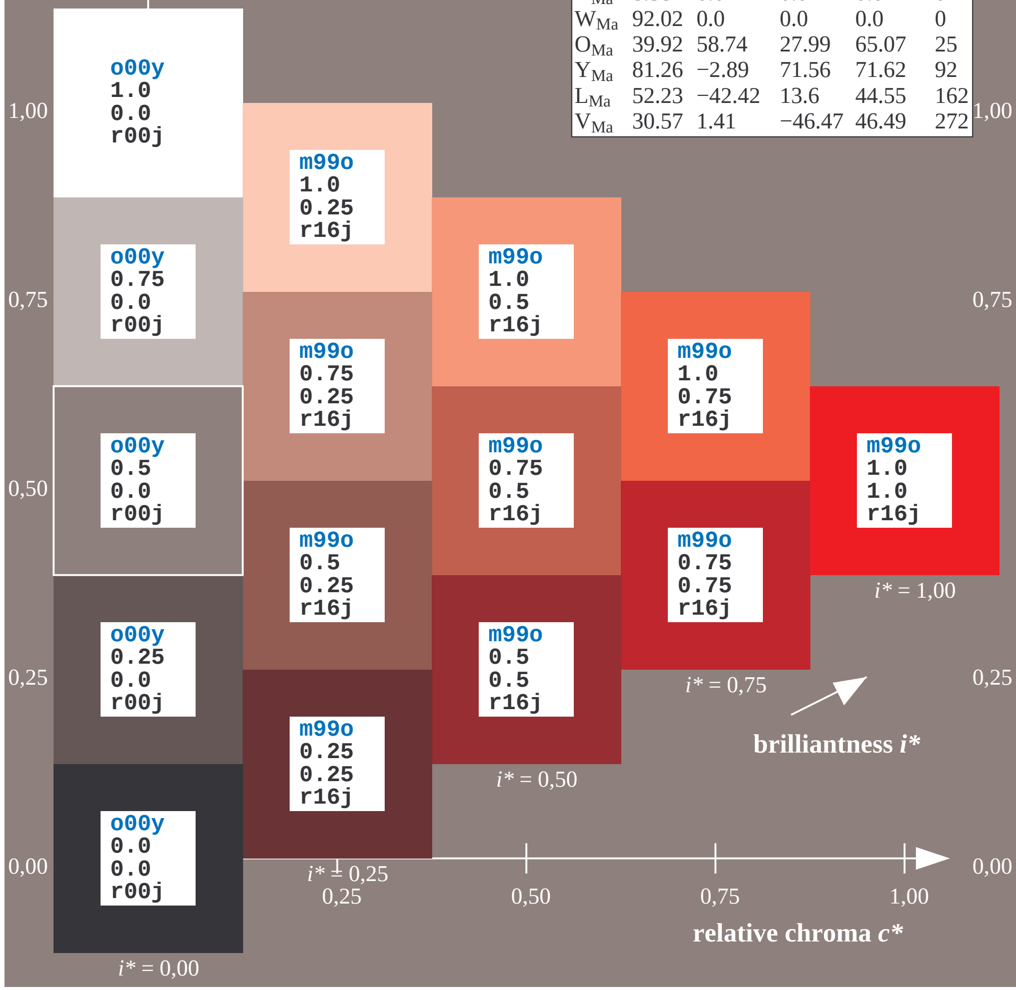


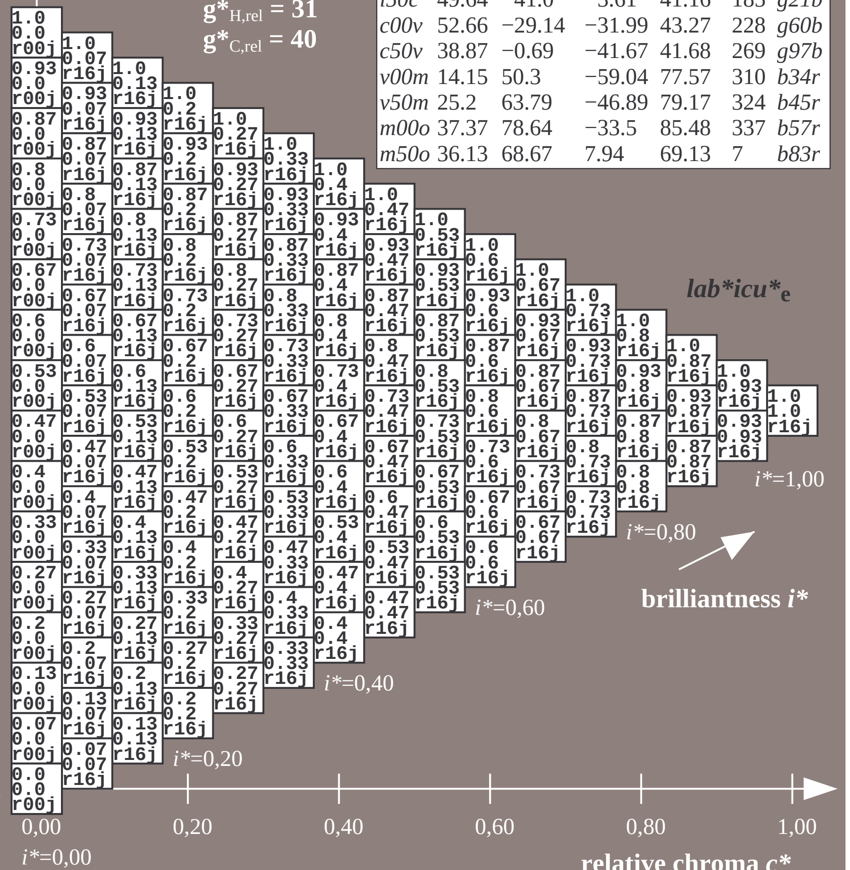
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 35 60 44**
***$LAB^*LCH^*_{Ma}$*: 35 74 36**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 0.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.16 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

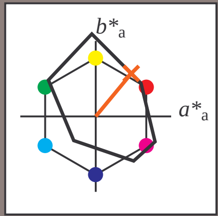
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

$u^*_d = o25y$
$lab^*icu^*_e$

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = o25y \quad u^*_e = r37j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

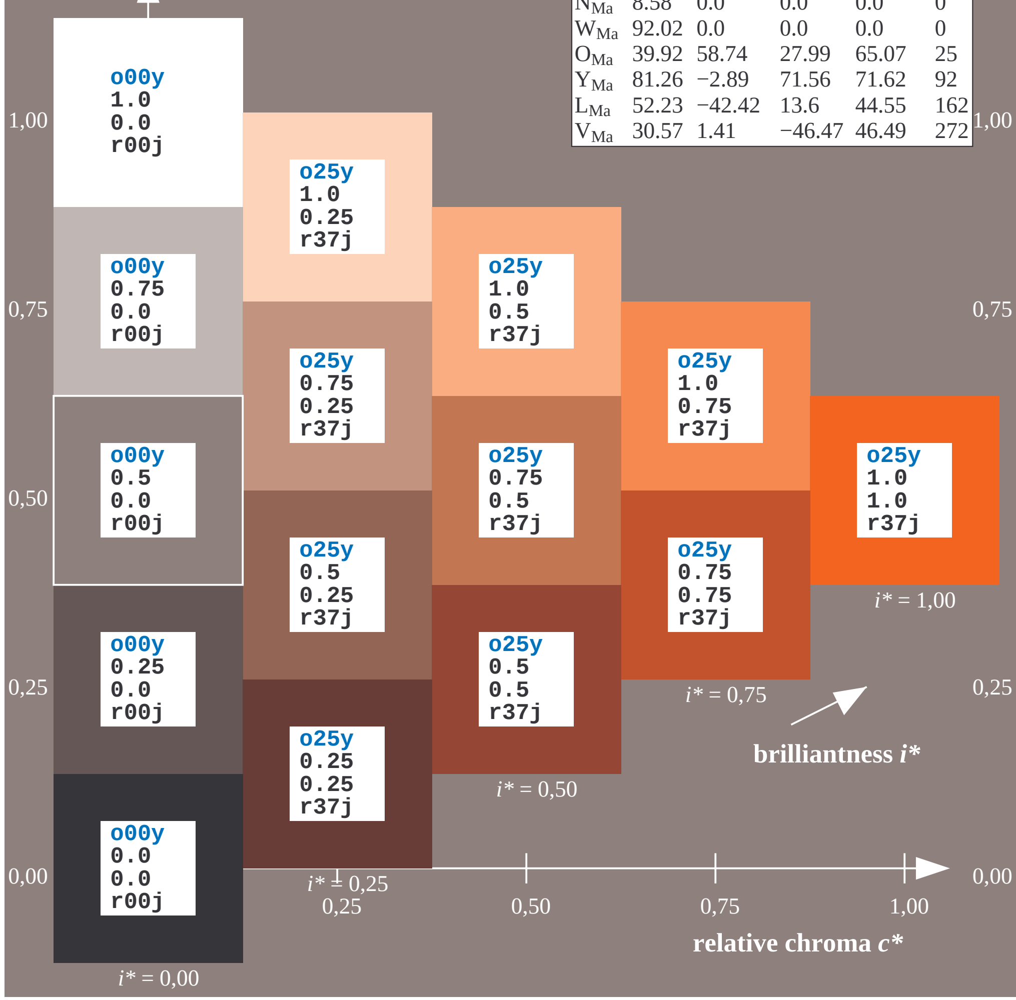


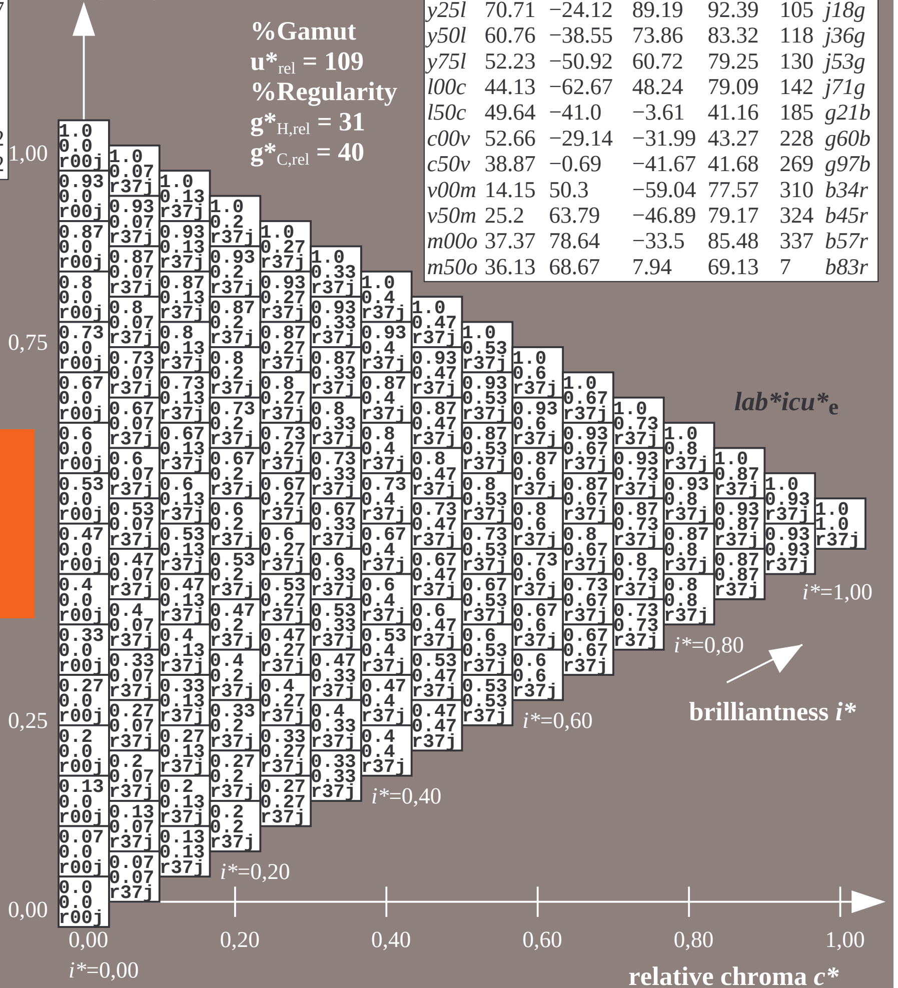
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 45 47 57
$LAB^*LCH^*_{Ma}$: 45 74 50
$lab^*olv^*_{Ma}$: 1.0 0.25 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

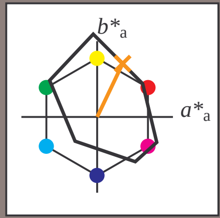
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

$u^*_d = o50y$
$lab^*icu^*_e$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o50y$ $u^*_e = r58j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

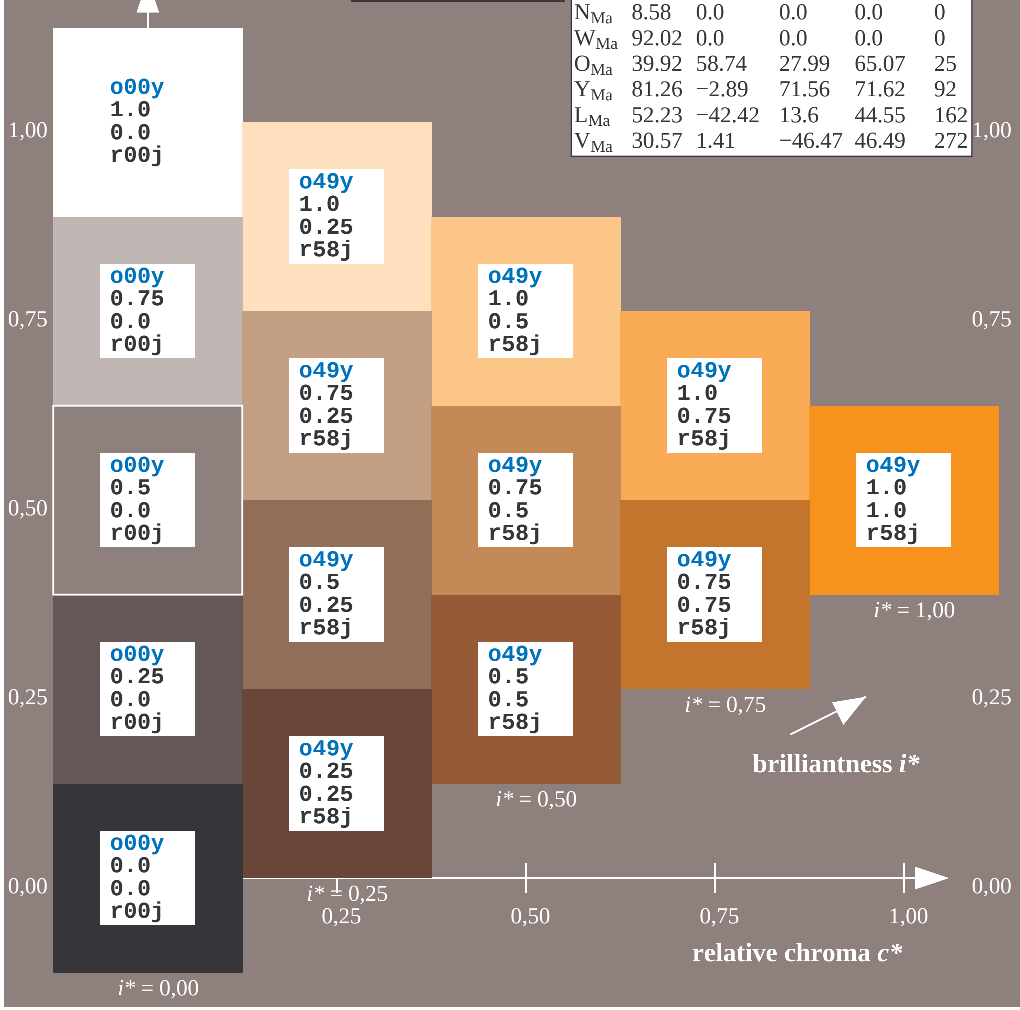
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

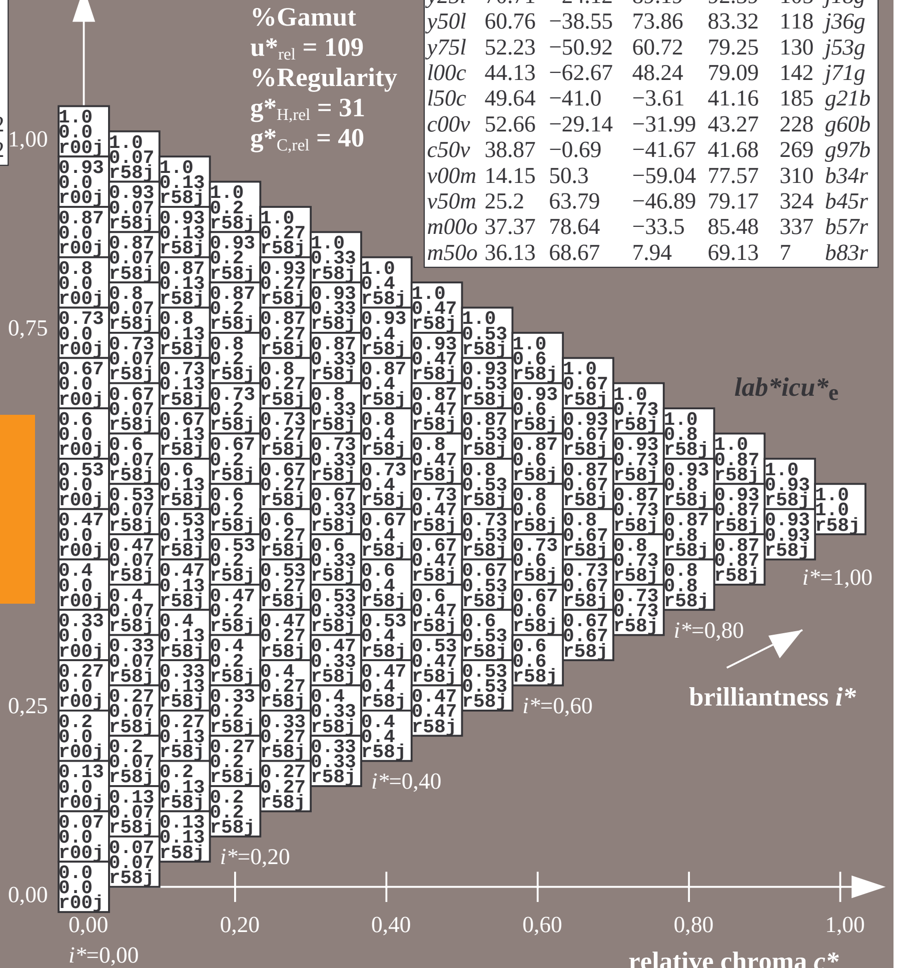
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 55 34 70
*LAB*LCH**$_{Ma}$: 55 78 64
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.58 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



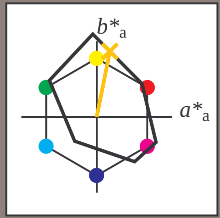


See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

$u^*_d = o75y$
$lab^*icu^*_e$

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_d = o75y \quad u^*_e = r79j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

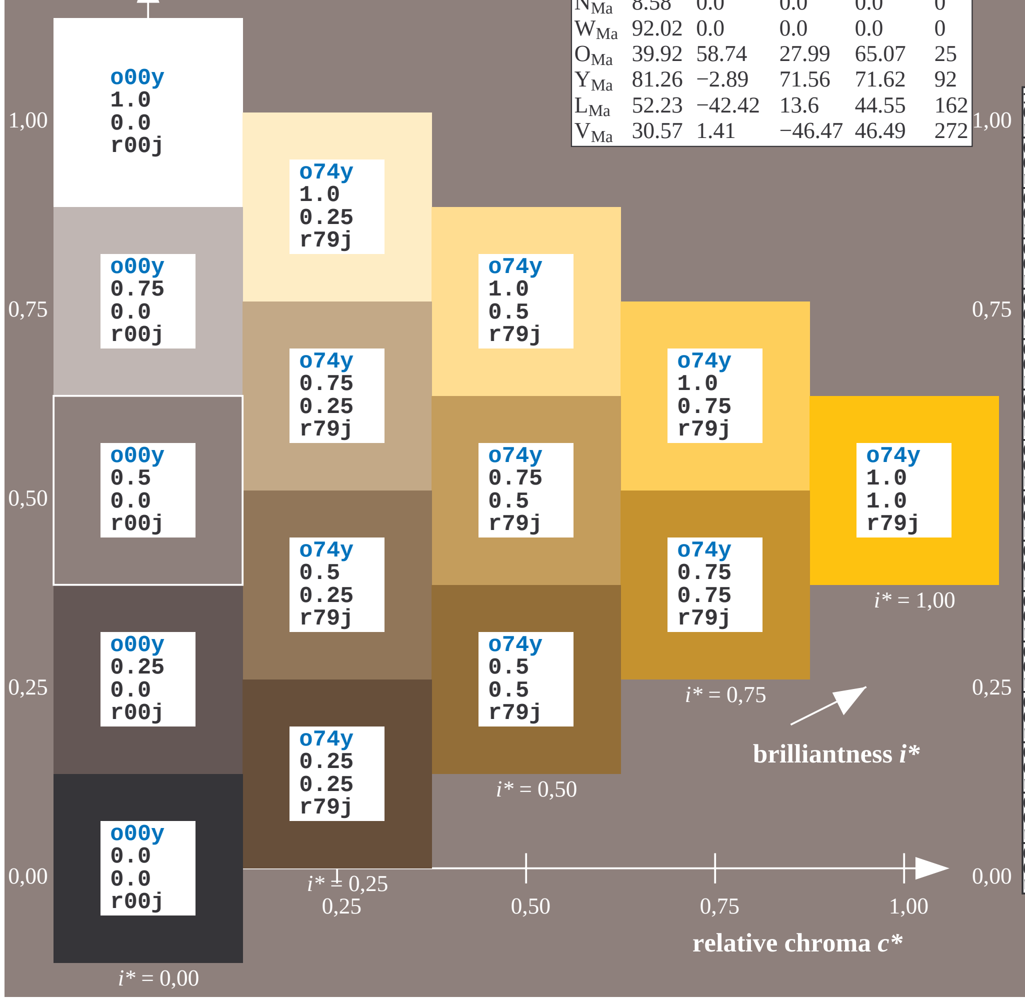


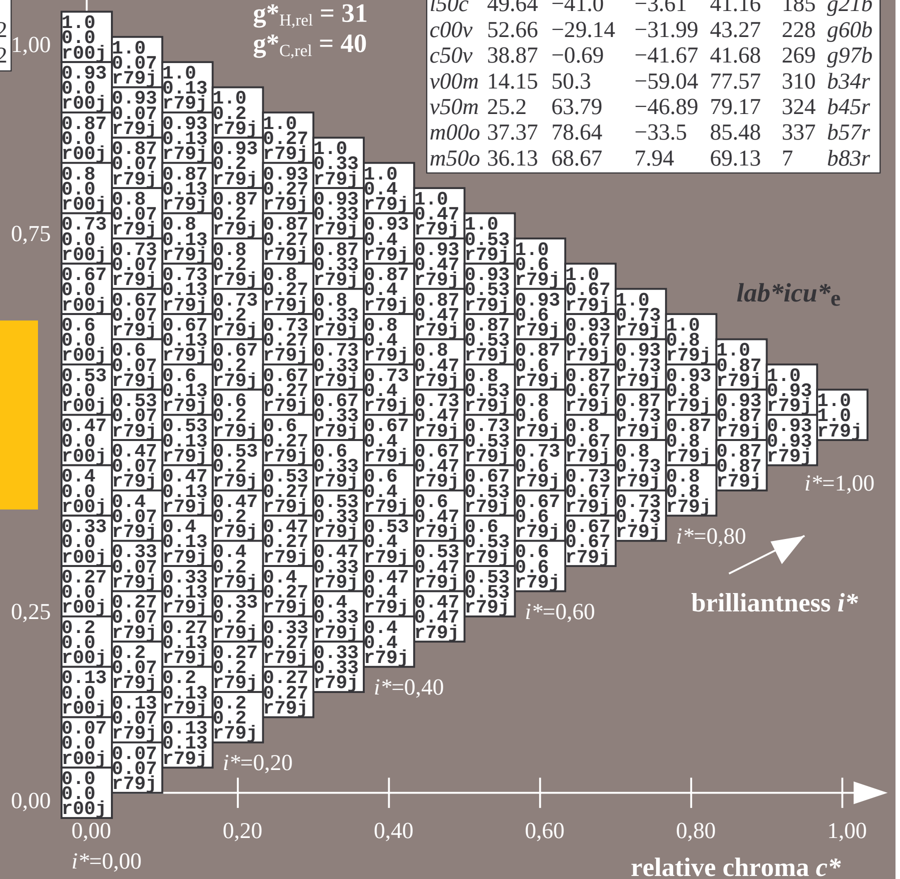
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 67 17 87
$LAB^*LCH^*_{Ma}$: 67 88 78
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

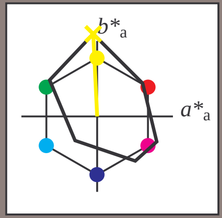
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$
$lab^*icu^*_e$

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = y00l \quad u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

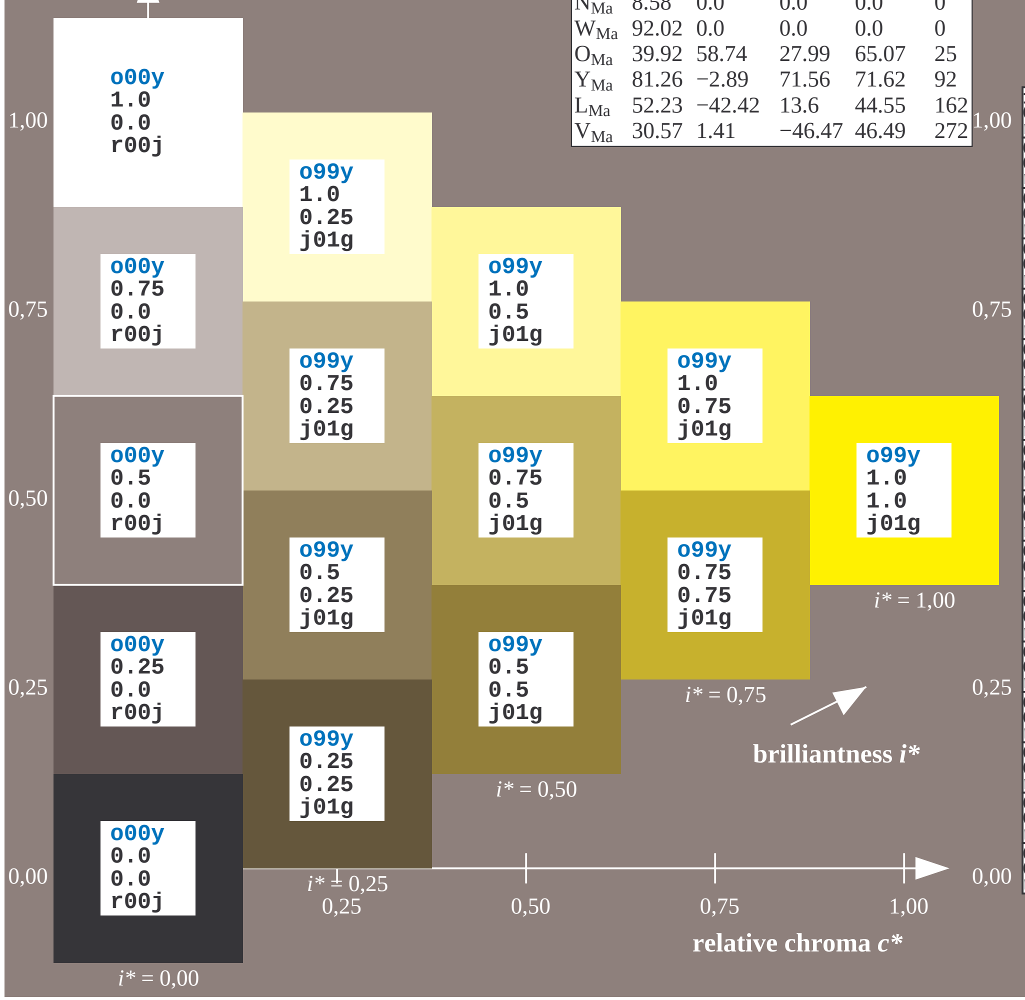


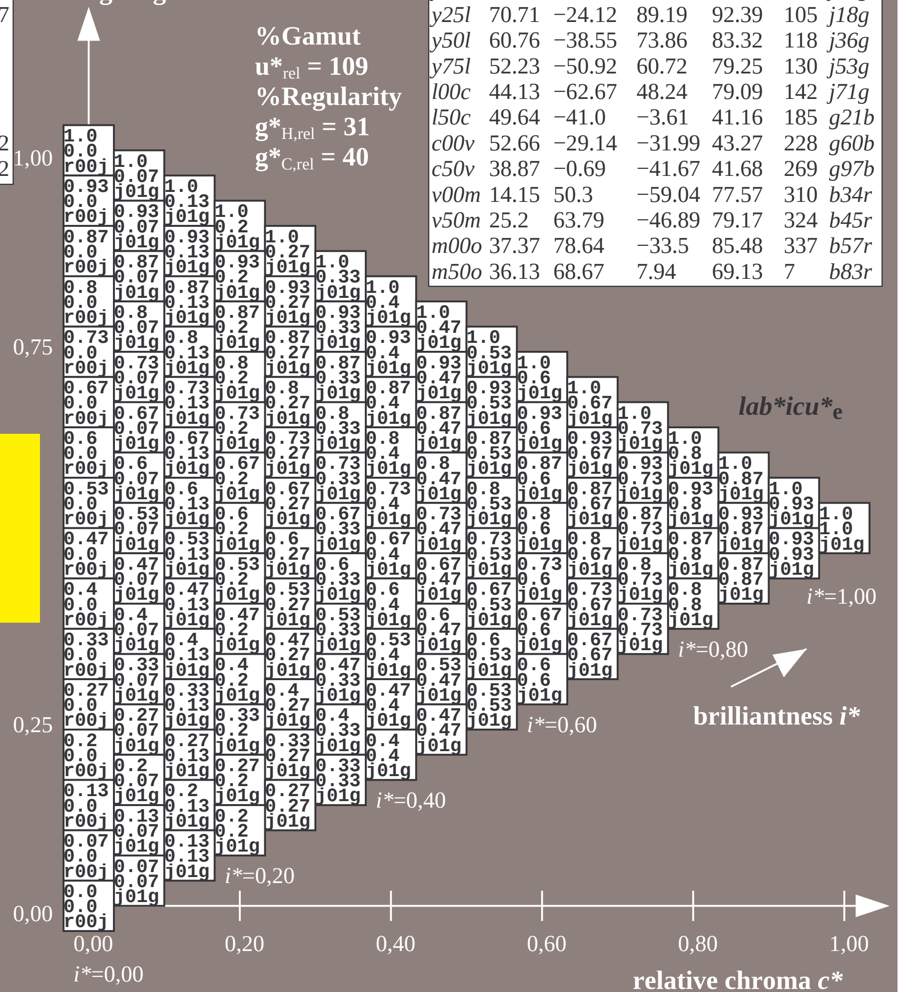
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 84 −5 109
$LAB^*LCH^*_{Ma}$: 84 109 92
$lab^*olv^*_{Ma}$: 1.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

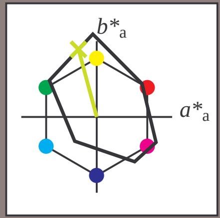
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$
$lab^*icu^*_e$

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

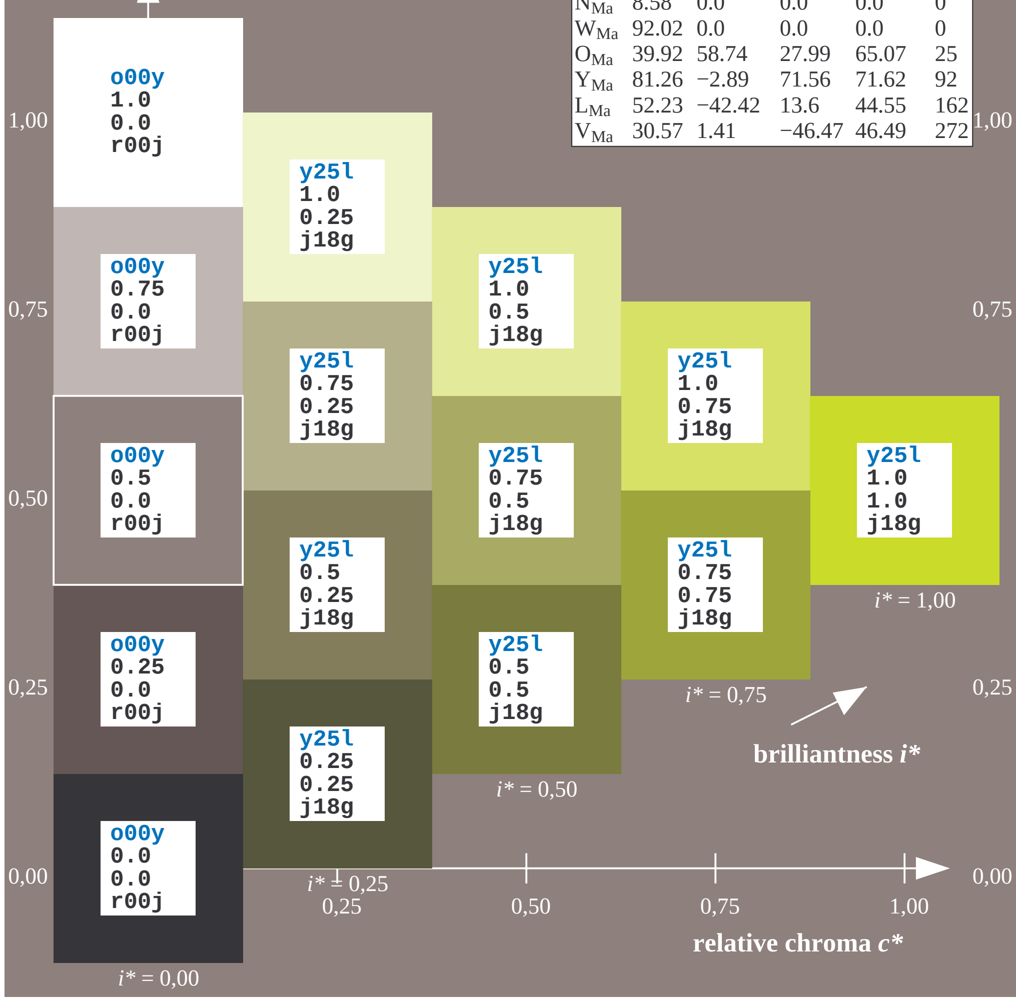


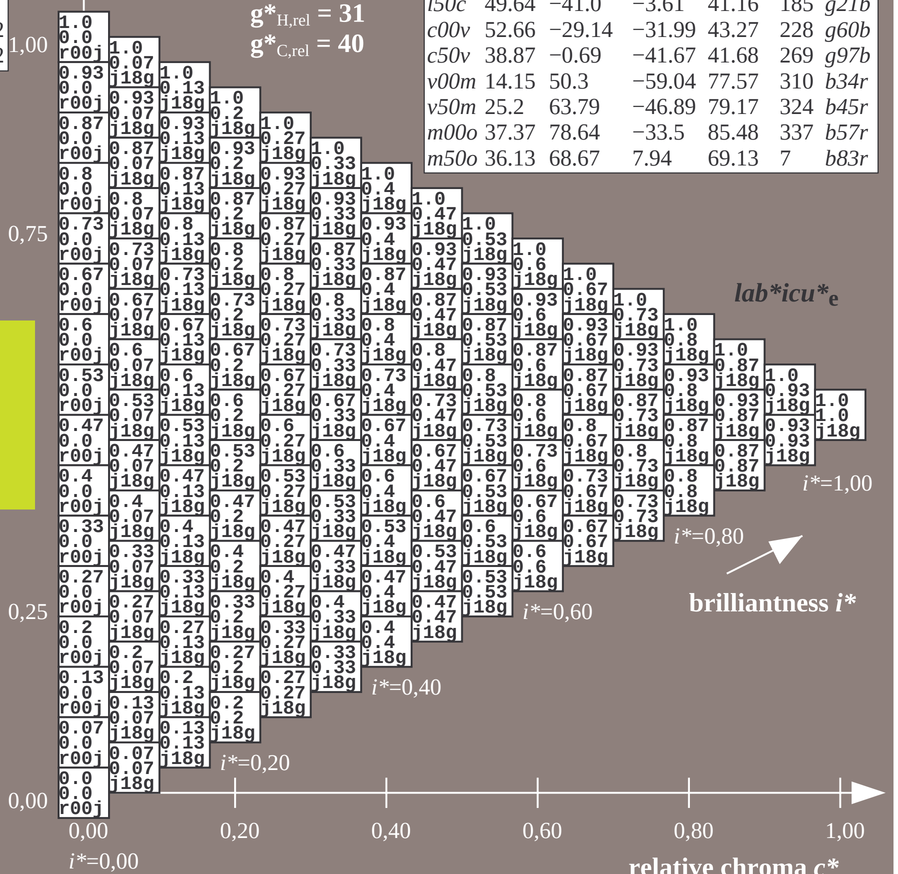
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 71 −24 89
$LAB^*LCH^*_{Ma}$: 71 92 105
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

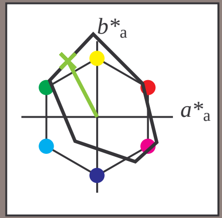
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

$u^*_d = y50l$
$lab^*icu^*_e$

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = y50l \quad u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

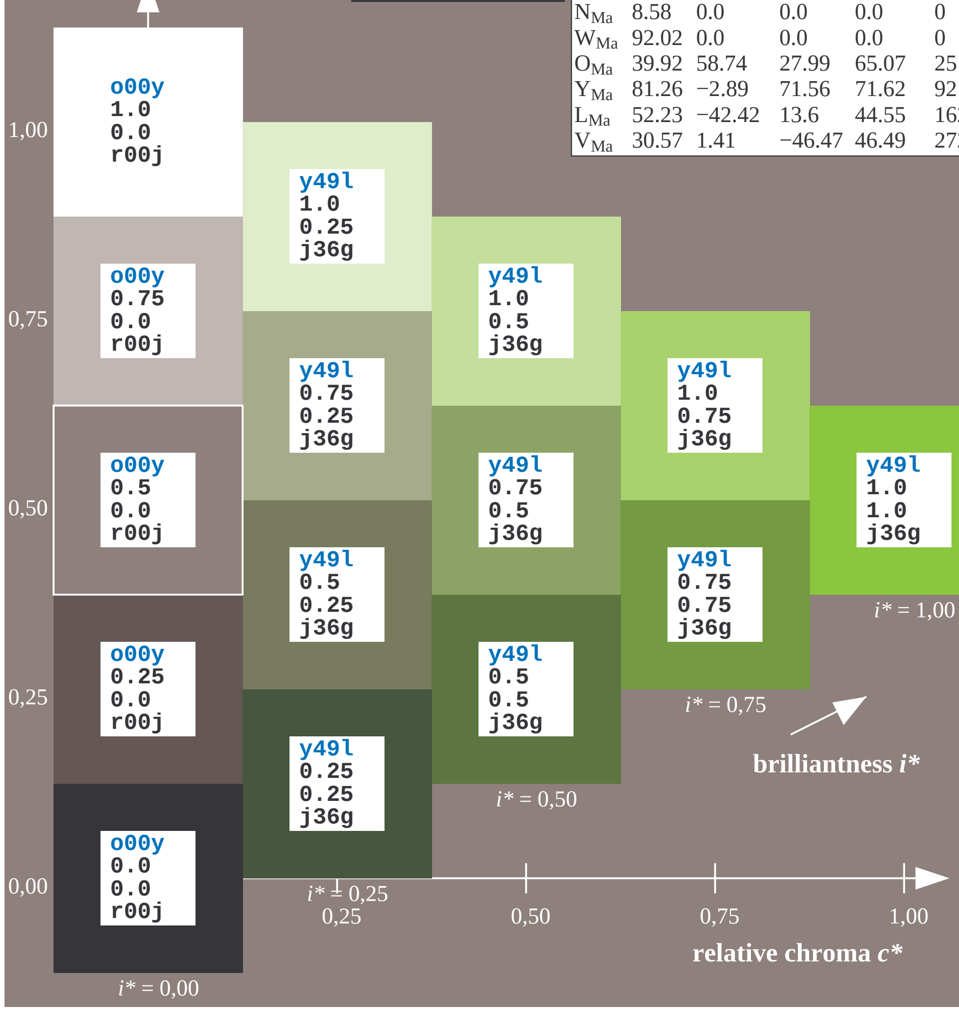


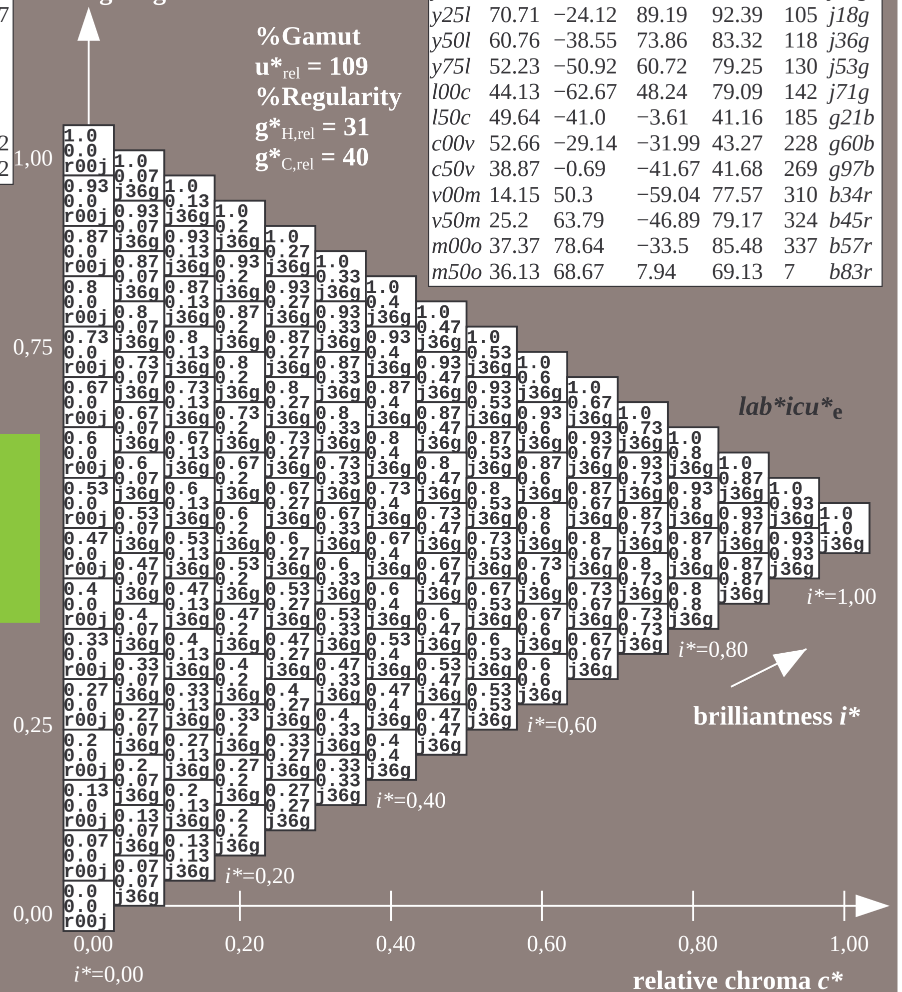
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −39 74
$LAB^*LCH^*_{Ma}$: 61 83 117
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

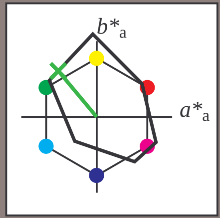
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

$u^*_d = y75l$
$lab^*icu^*_e$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

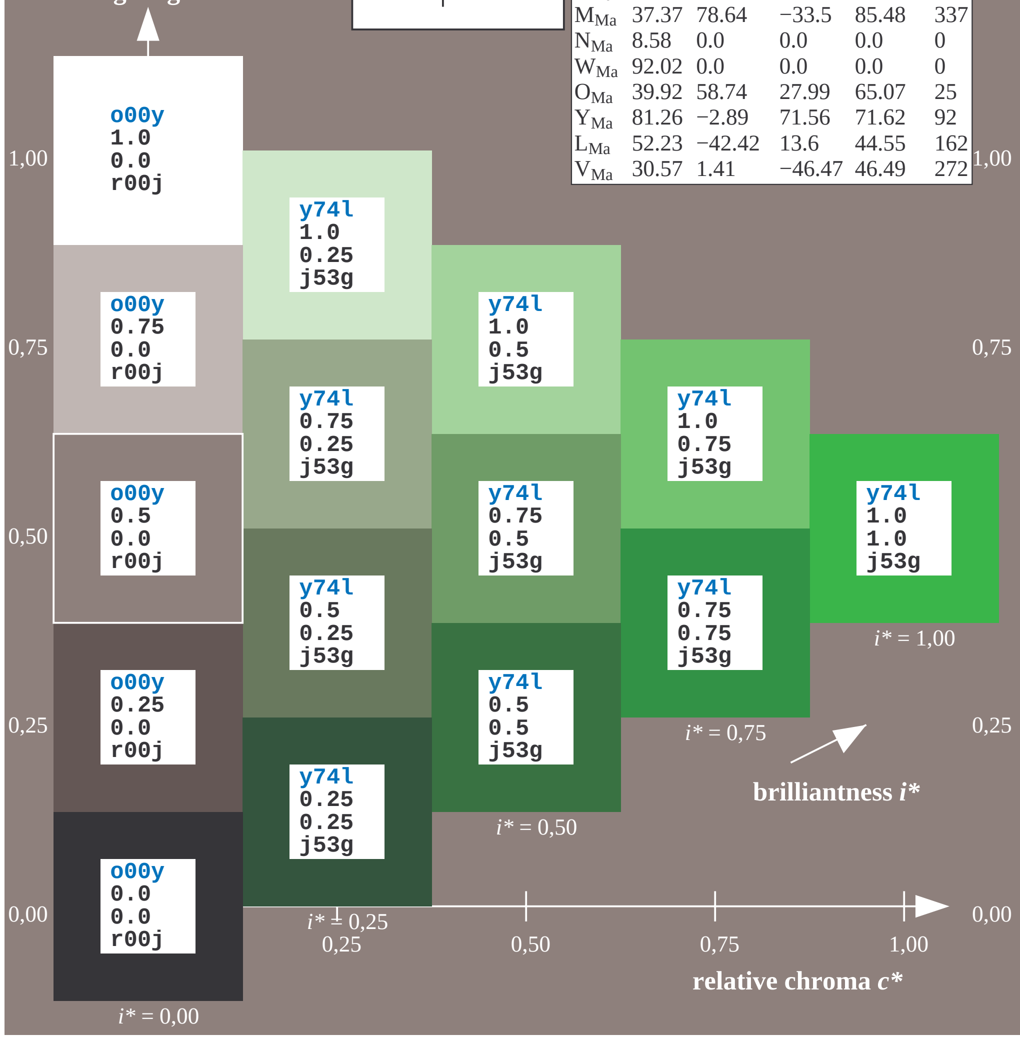


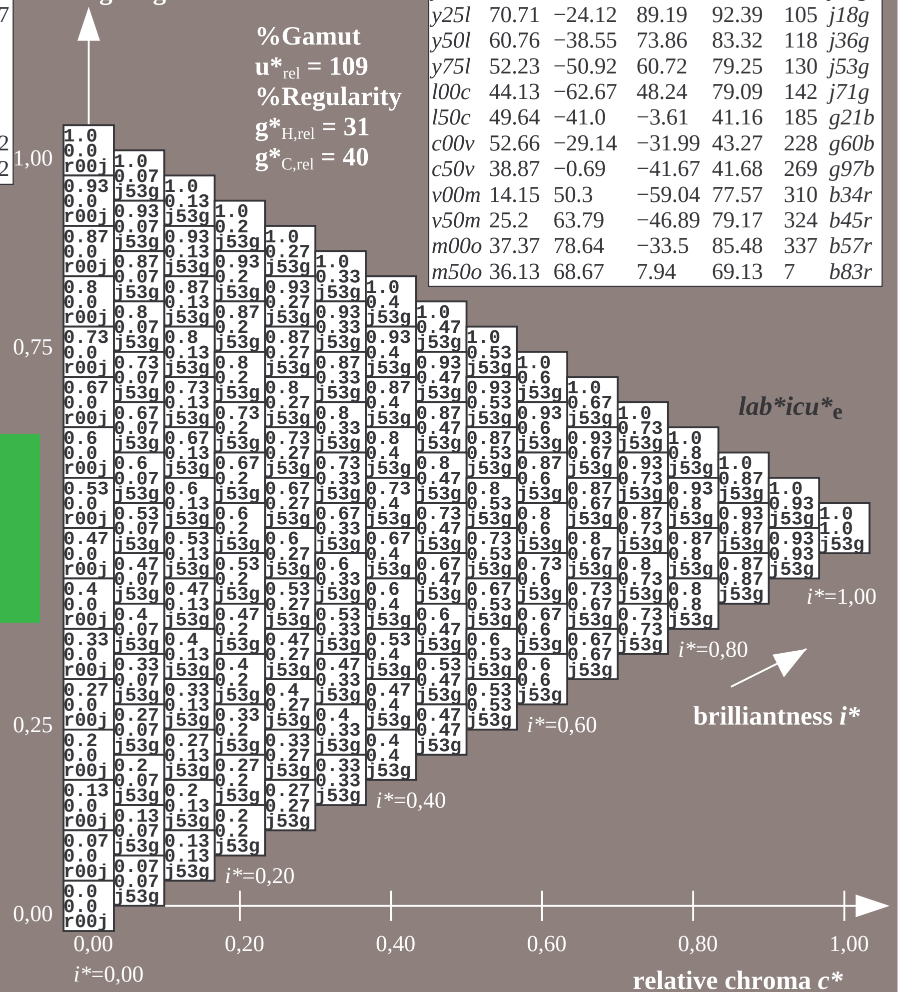
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 52 −51 61
$LAB^*LCH^*_{Ma}$: 52 79 129
$lab^*olv^*_{Ma}$: 0.25 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

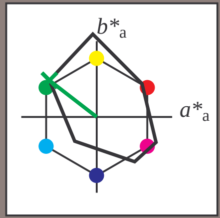
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

$u^*_d = l00c$
$lab^*icu^*_e$

data for any colour:
lab^*tch^** and *lab^*icu^*
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t^**

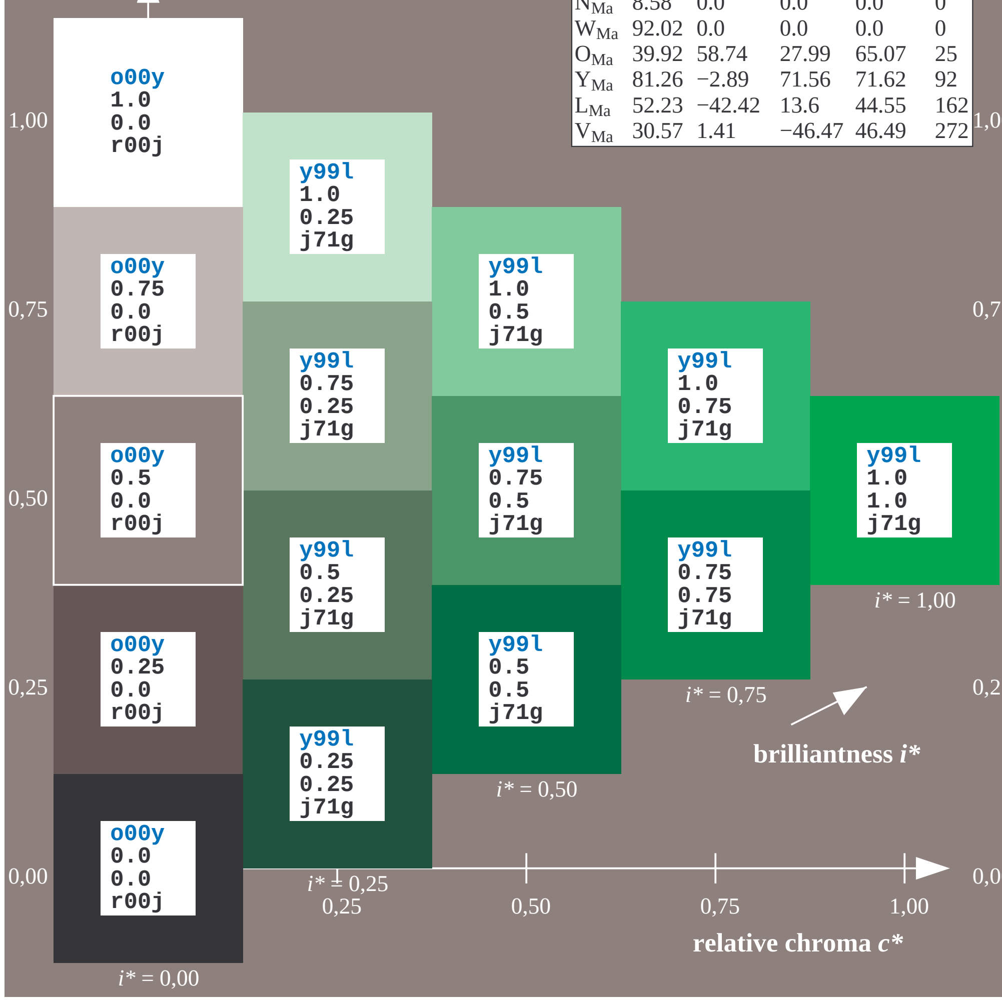


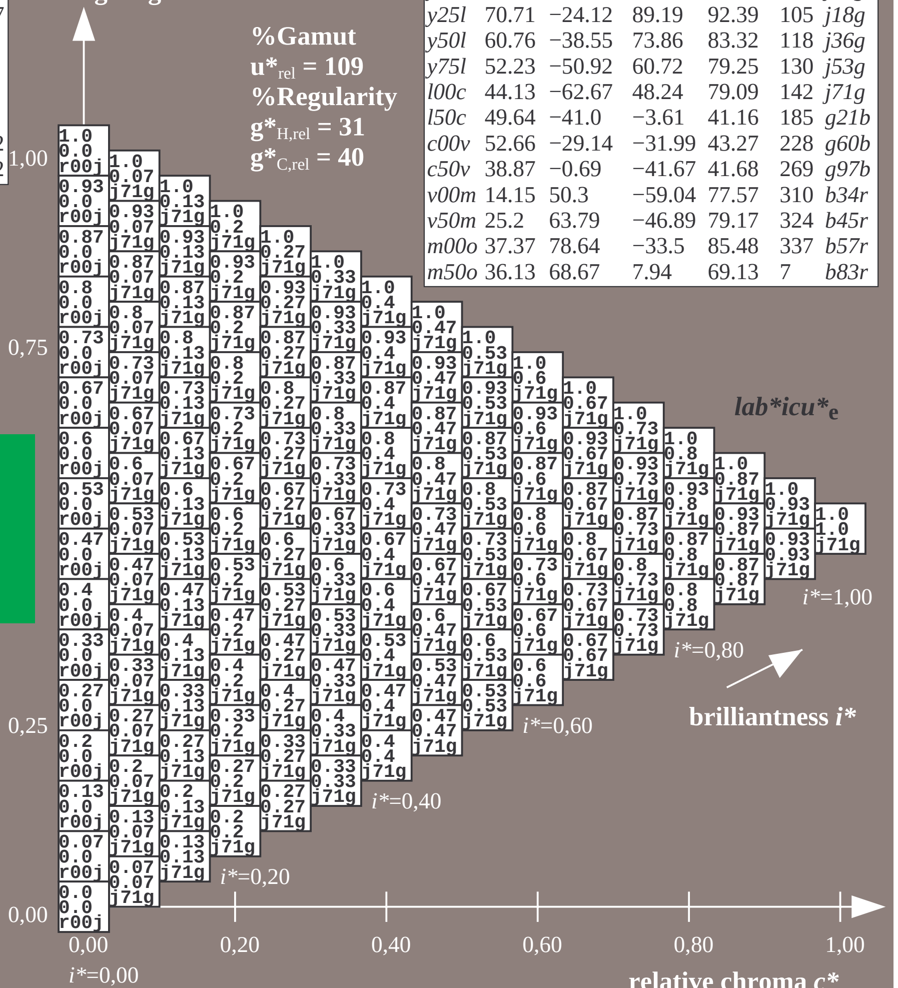
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 44 −63 48**
***$LAB^*LCH^*_{Ma}$*: 44 79 142**
***$lab^*olv^*_{Ma}$*: 0.0 1.0 0.0**
***$lab^*rgb^*_{Ma}$*: 0.28 1.0 0.0**
triangle lightness *t^**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

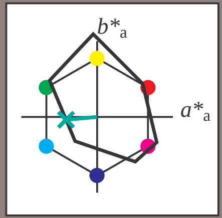
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

$u^*_d = l50c$
$lab^*icu^*_e$

data for any colour:
lab^*tch^* and lab^*icu^*
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

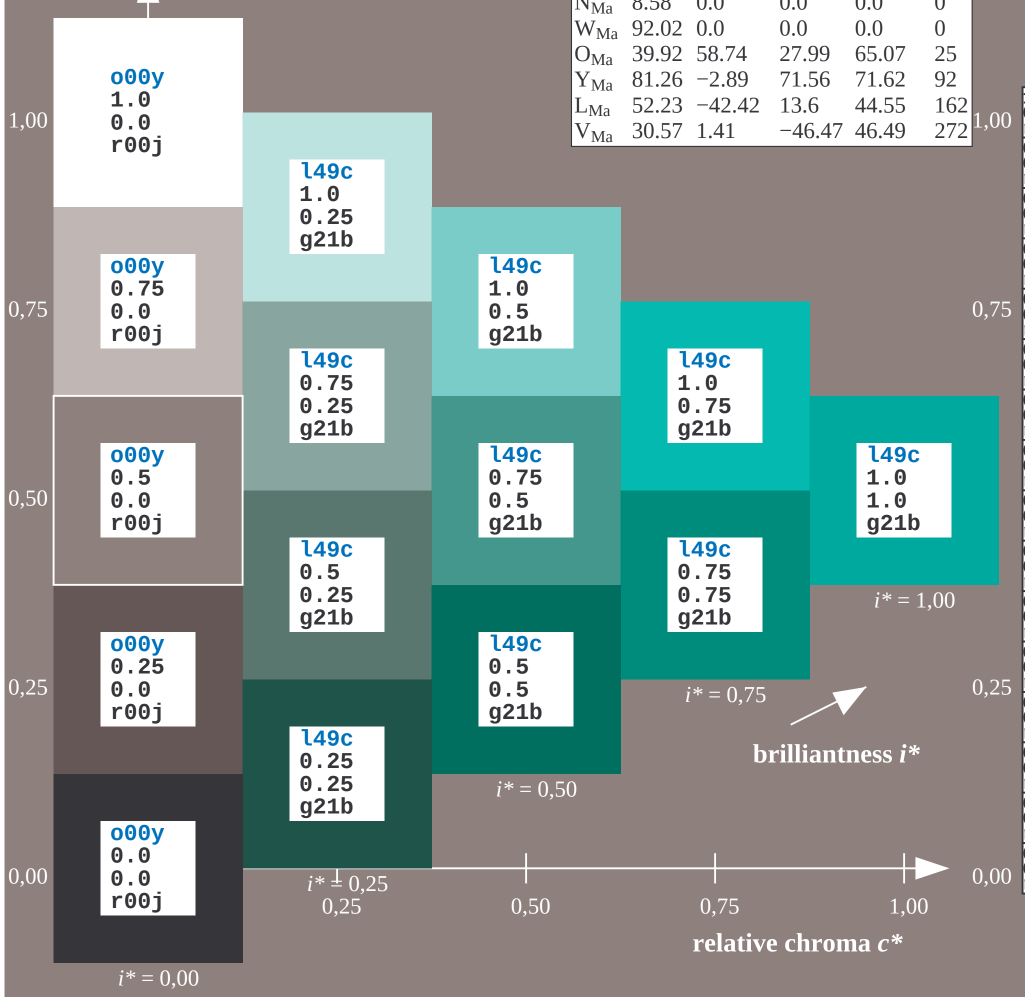


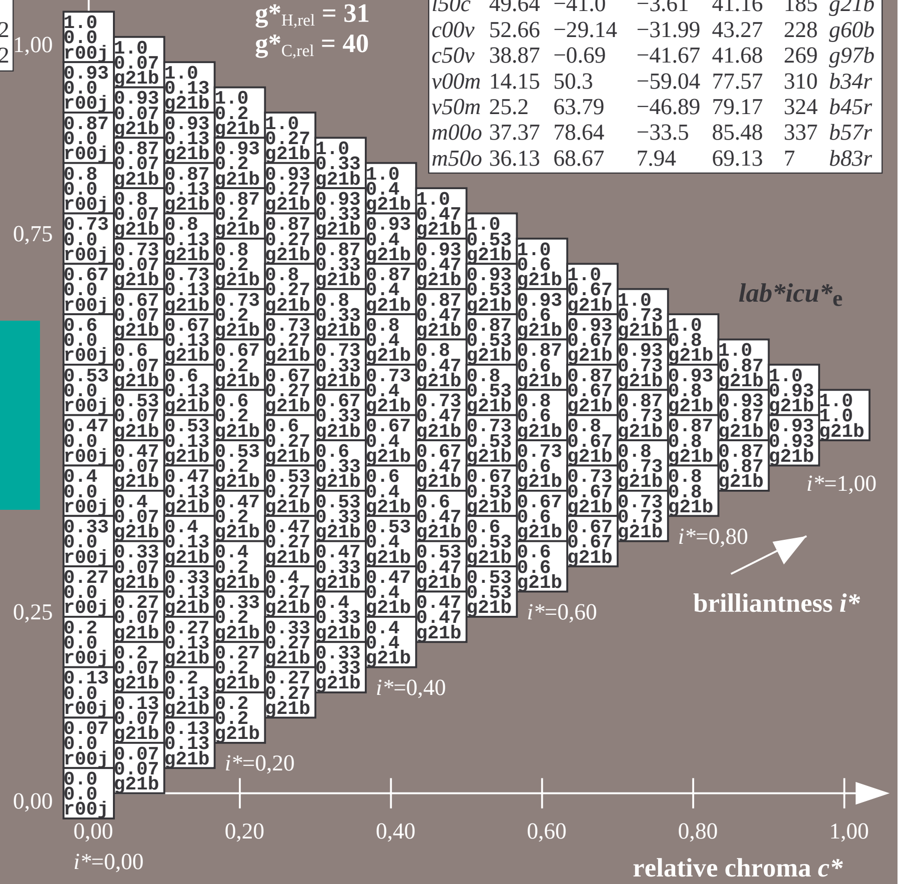
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 50 −41 −4
$LAB^*LCH^*_{Ma}$: 50 41 185
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





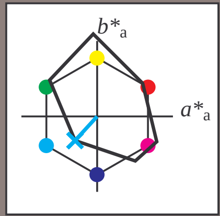
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$
$lab^*icu^*_e$

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

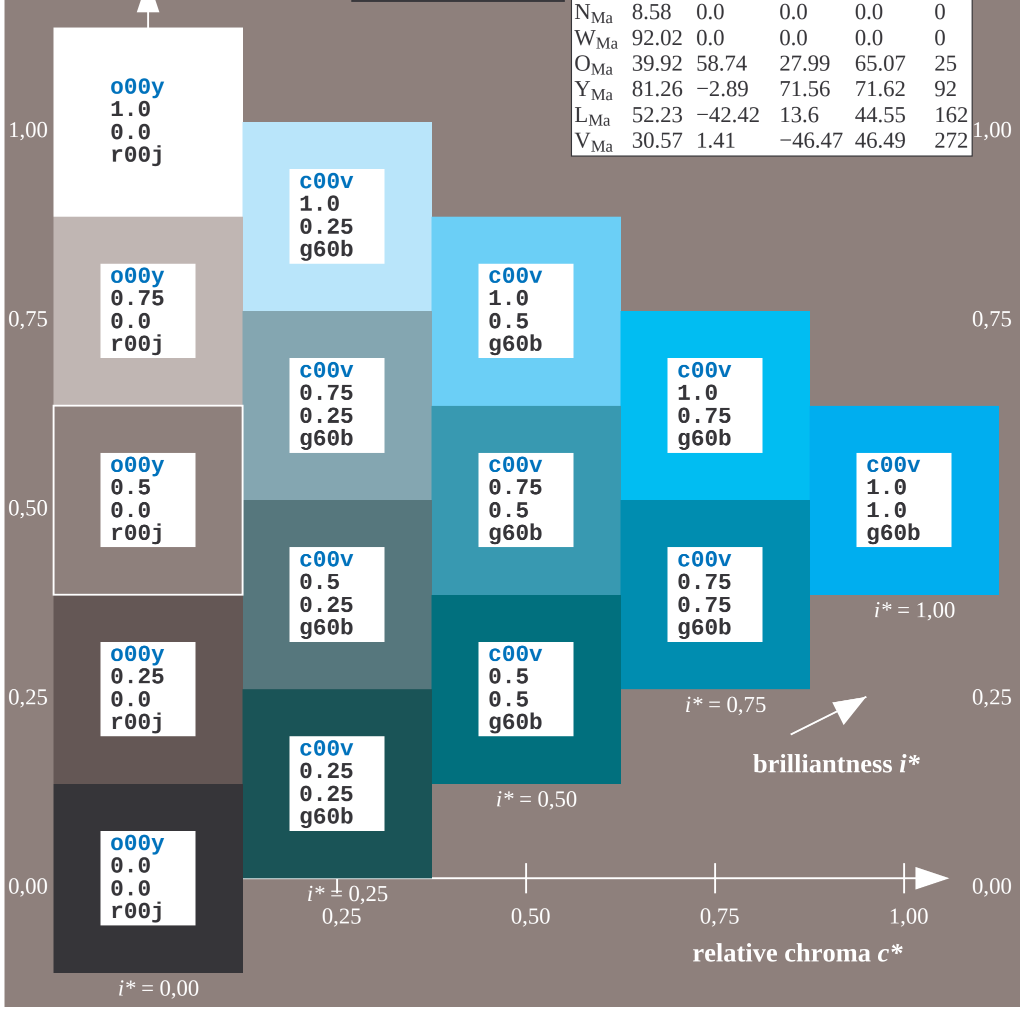


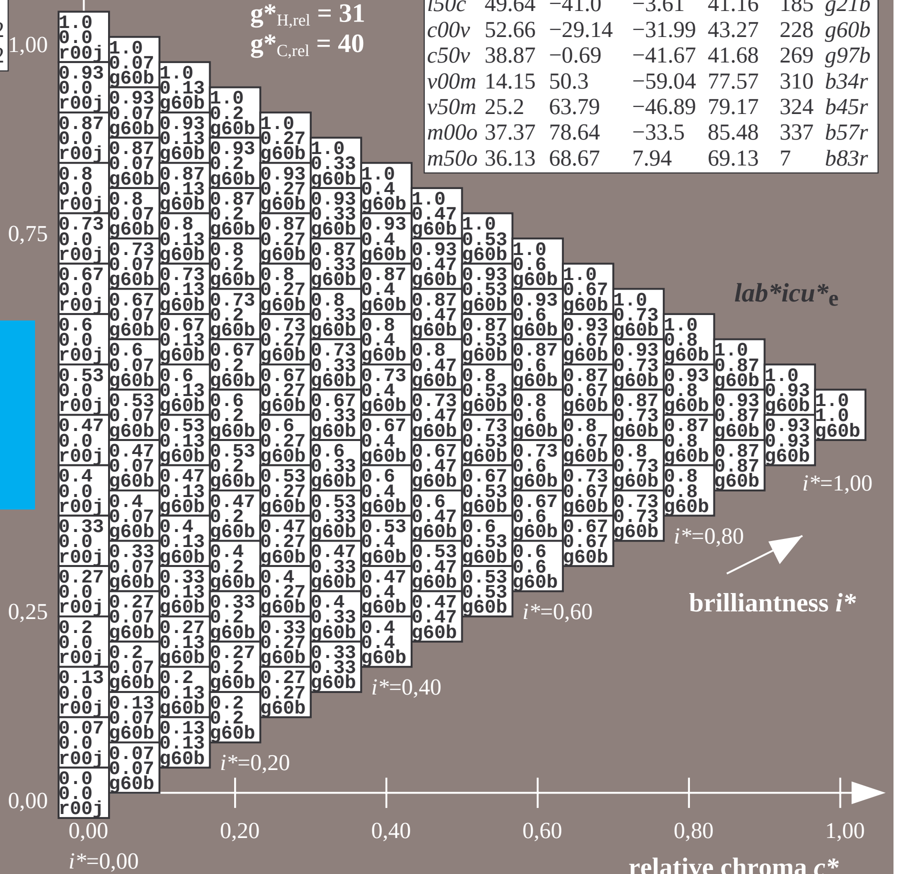
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −29 −32
$LAB^*LCH^*_{Ma}$: 53 43 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

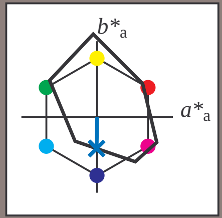
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

$u^*_d = c50v$
$lab^*icu^*_e$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

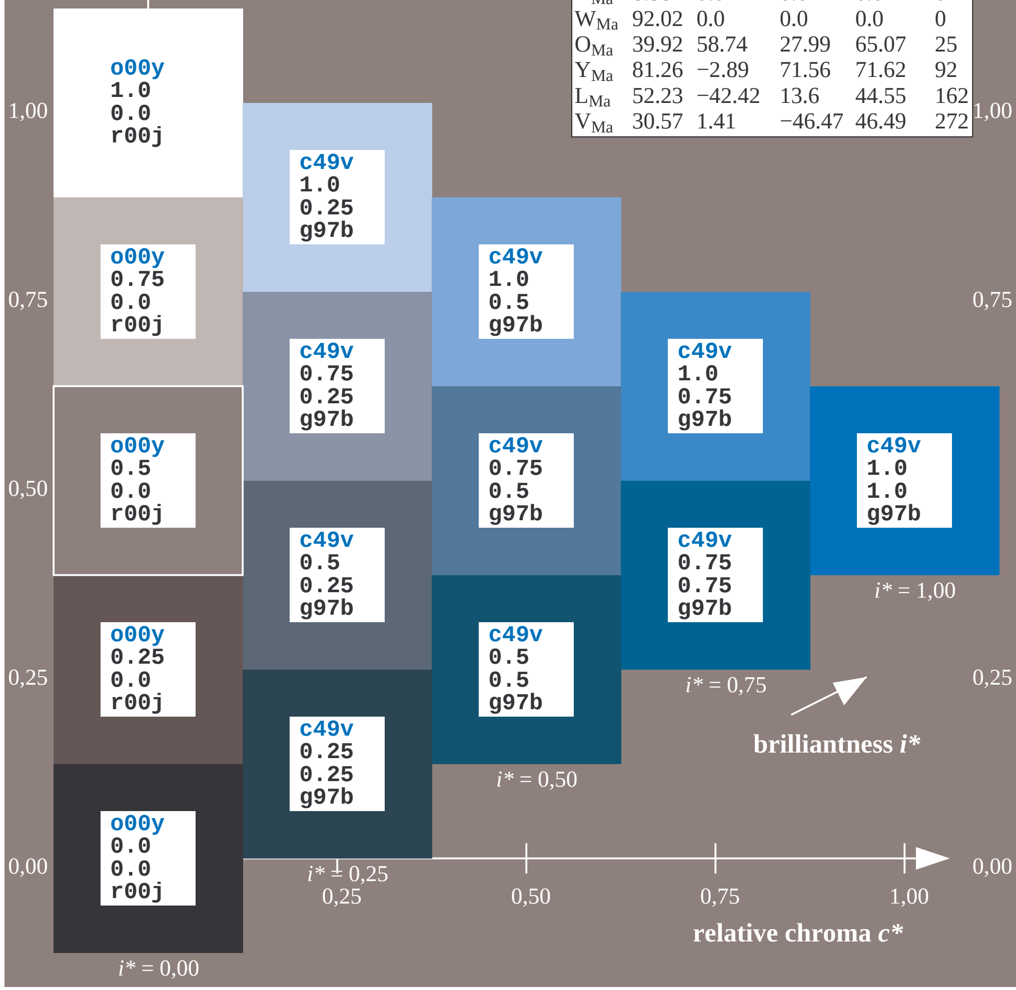


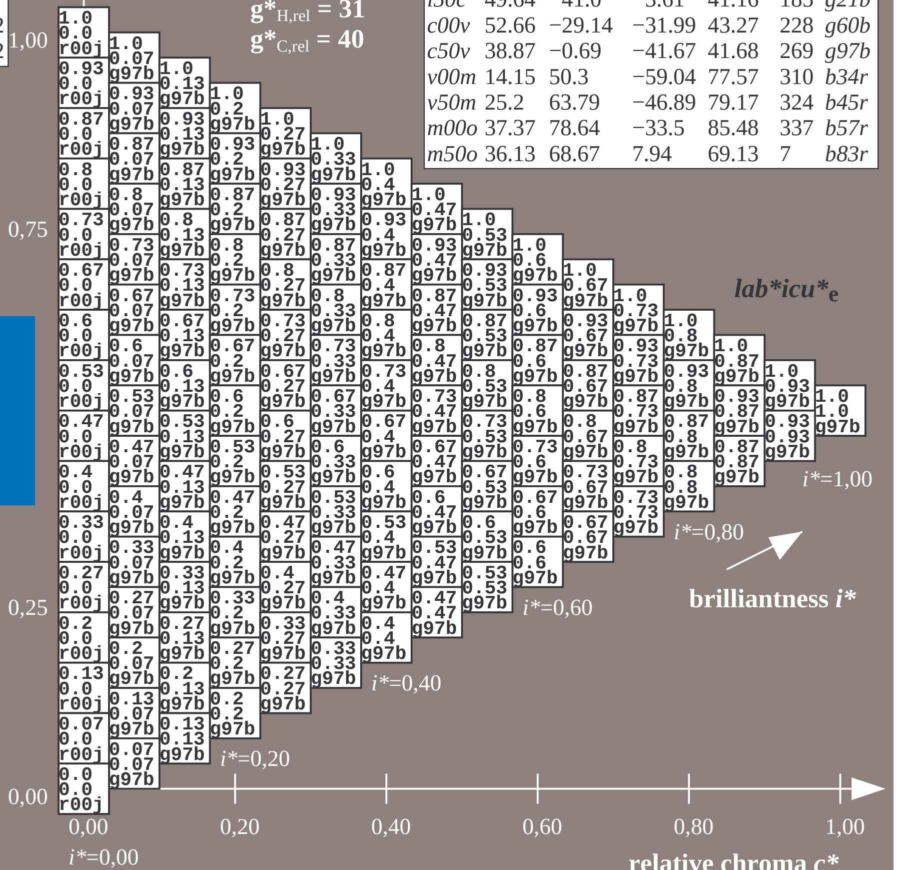
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 −1 −42
$LAB^*LCH^*_{Ma}$: 39 42 269
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0
triangle lightness t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





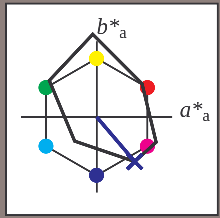
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue *h = *lab*h** = h_{ab}/360 = 0.862**

u^*_d = v00m
lab*icu*$_e$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = v00m u^*_e = b34r
contrast reduction factor:
***c_R* = 1.0**
triangle lightness *t**

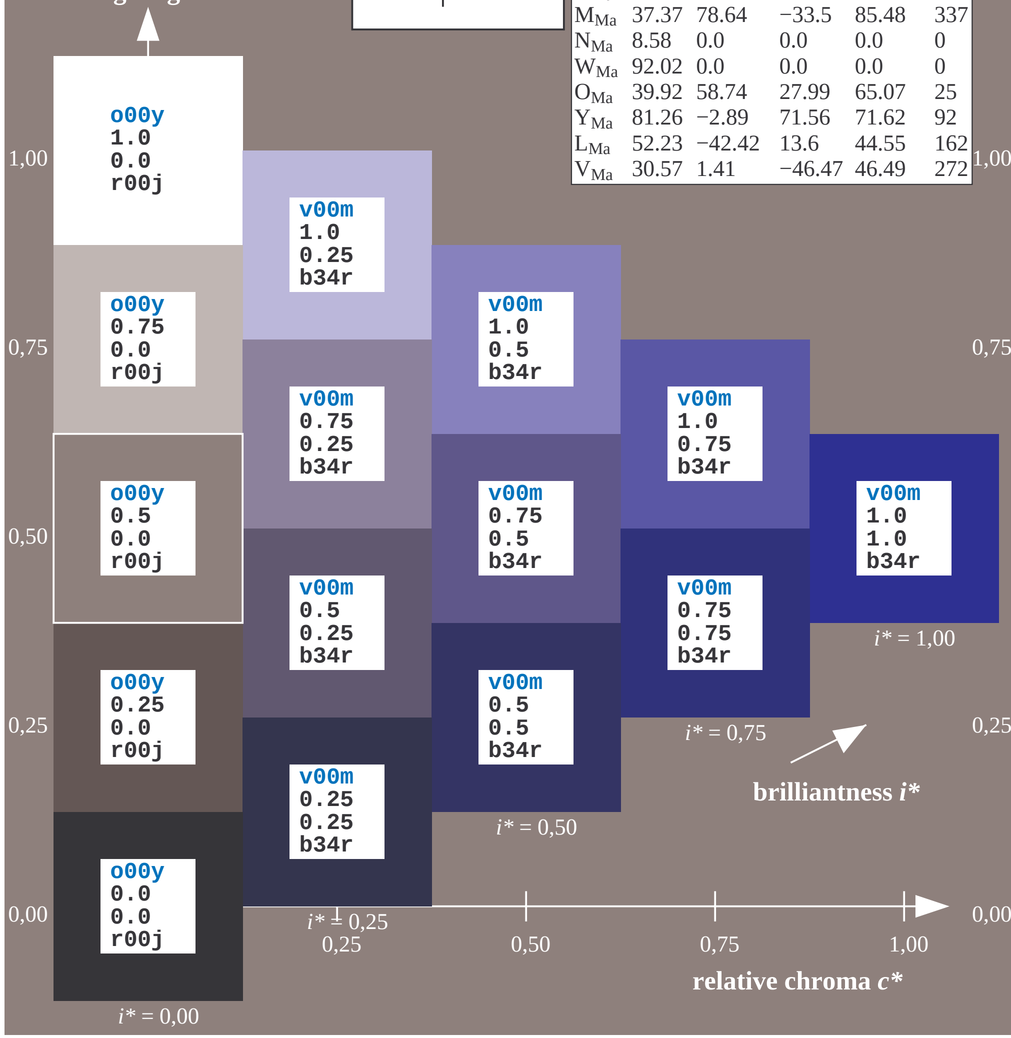


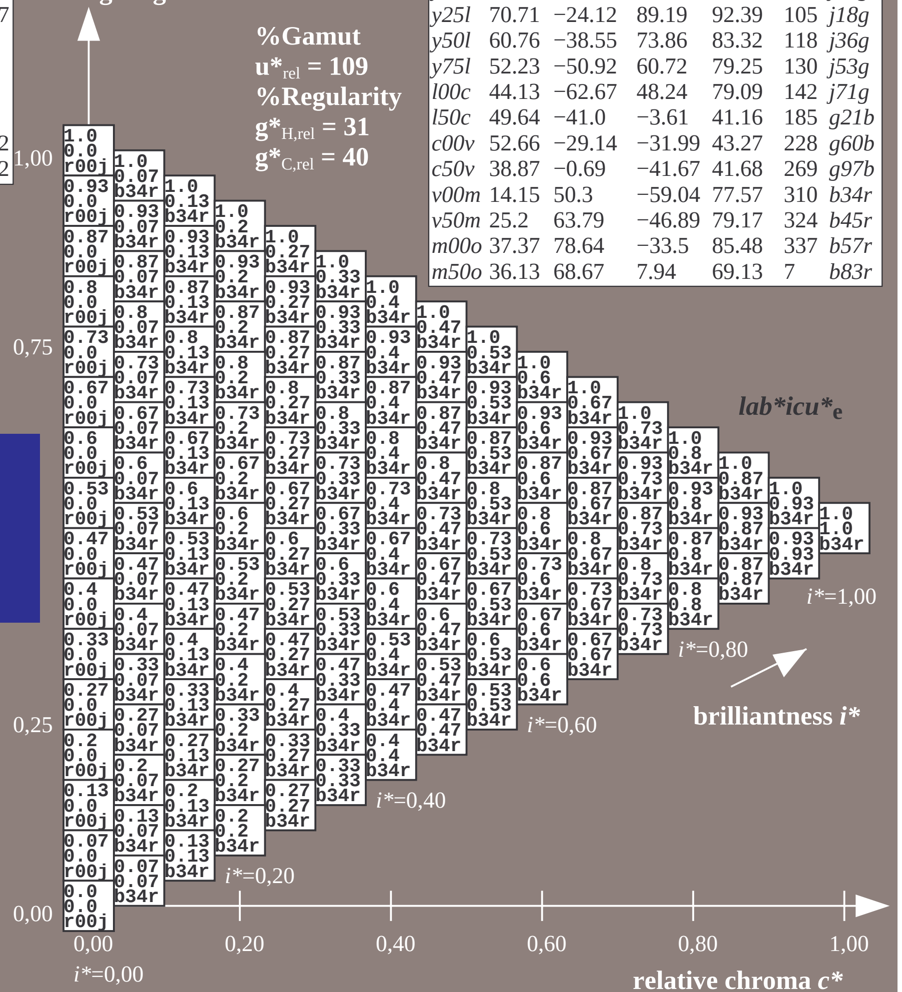
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 14 50 −59**
***LAB*LCH*$_{Ma}$*: 14 78 310**
***lab*olv*$_{Ma}$*: 0.0 0.0 1.0**
***lab*rgb*$_{Ma}$*: 0.68 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

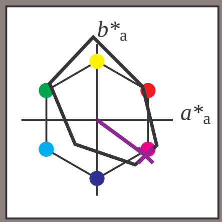
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

$u^*_d = v50m$
$lab^*icu^*_e$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

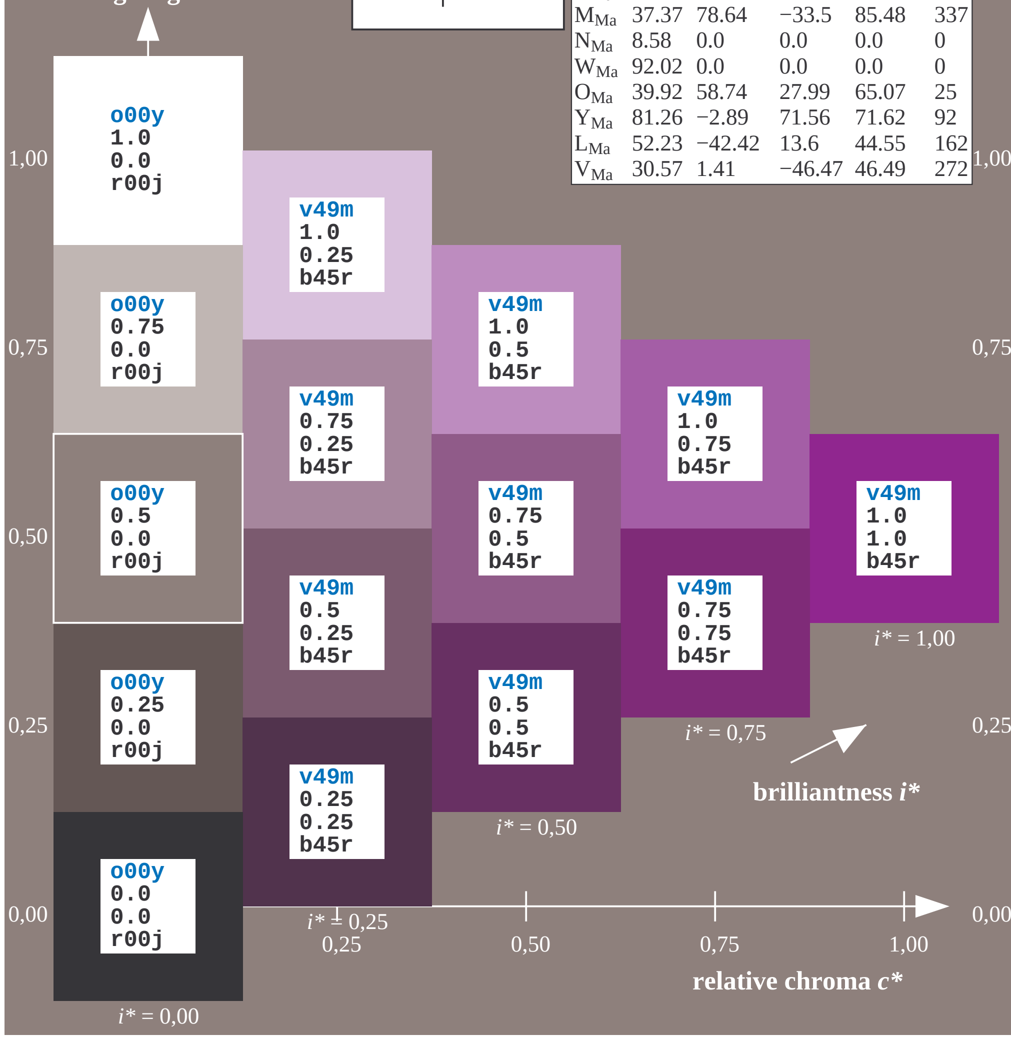


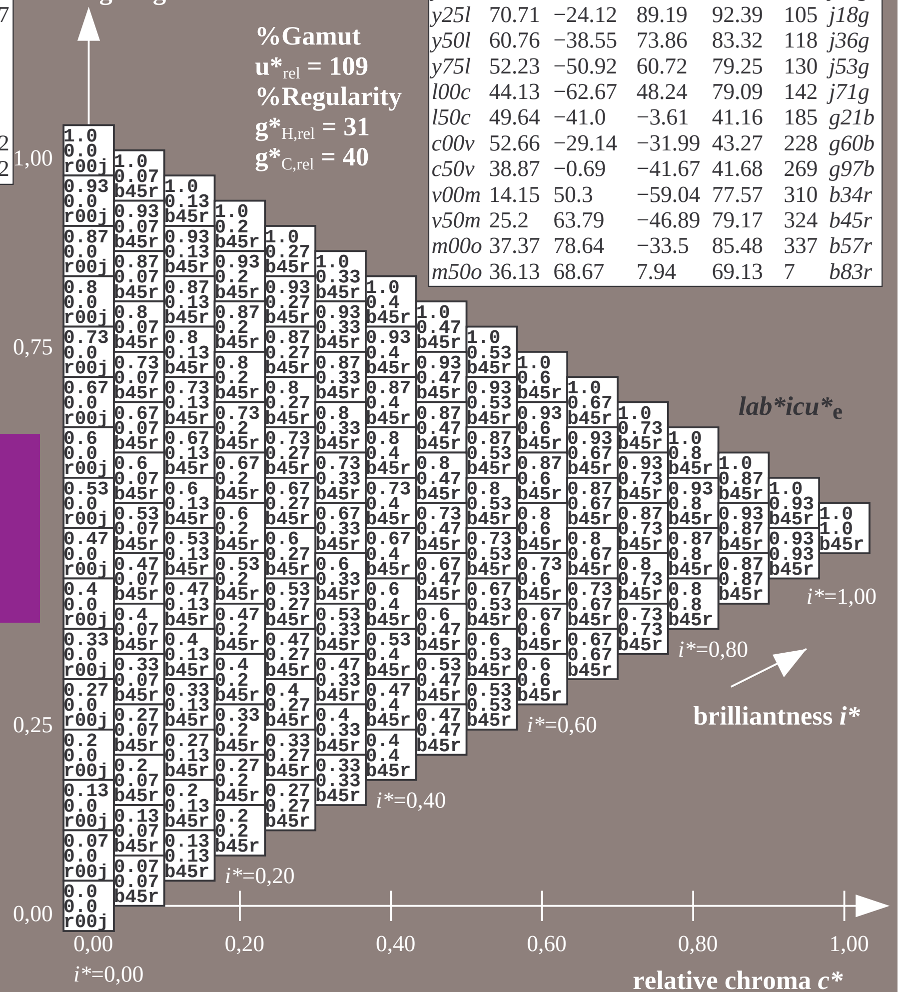
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 25 64 −47**
***$LAB^*LCH^*_{Ma}$*: 25 79 323**
***$lab^*olv^*_{Ma}$*: 0.5 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 0.91 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

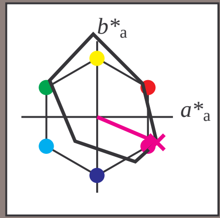
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$
$lab^*icu^*_e$

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_d = m00o \quad u^*_e = b57r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

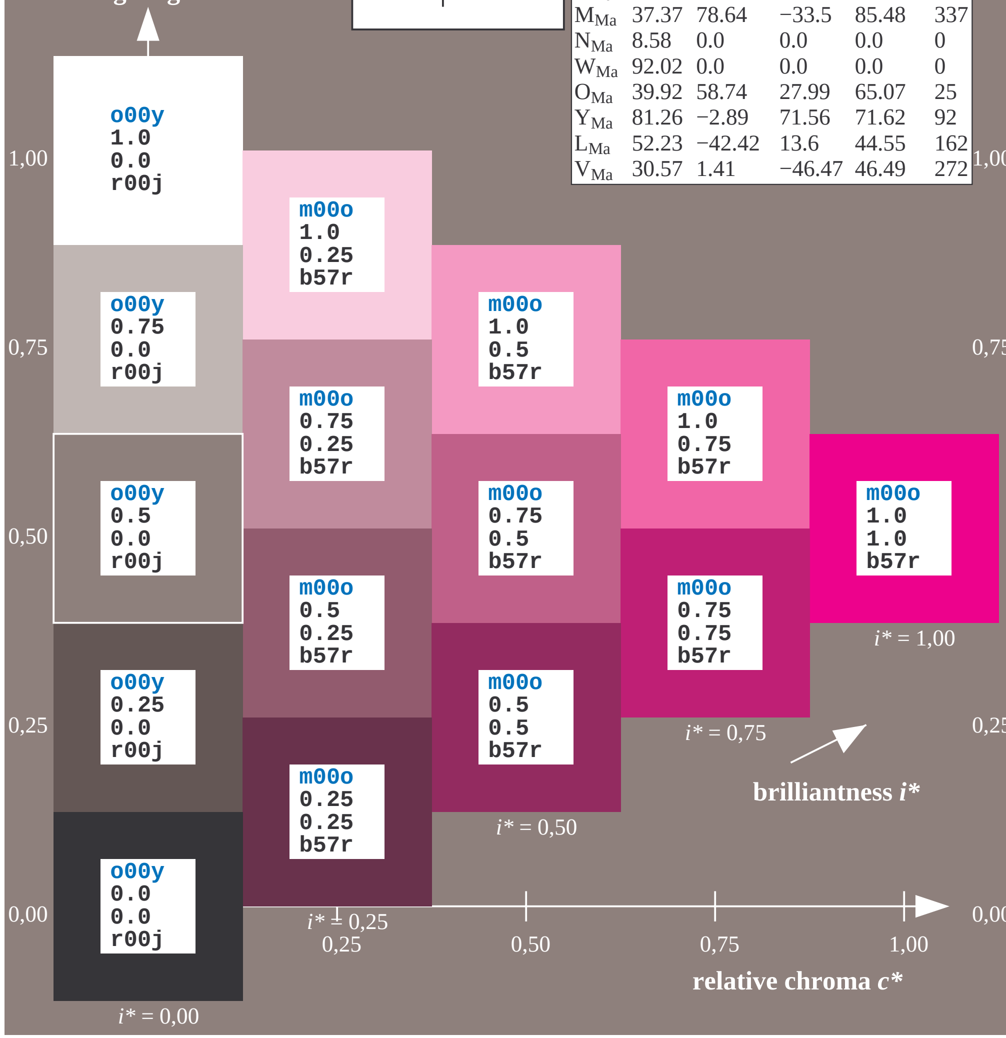


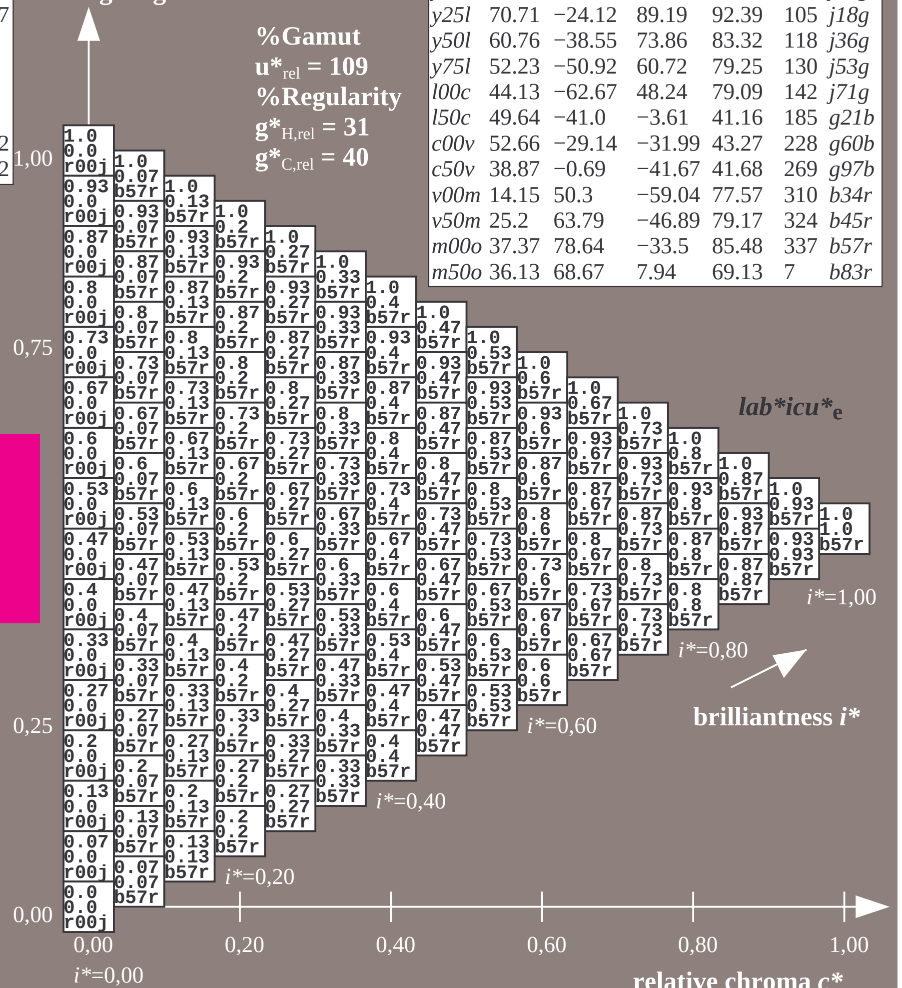
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 37 79 −34
$LAB^*LCH^*_{Ma}$: 37 85 336
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85
triangle lightness t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

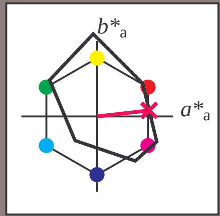
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

$u^*_d = m50o$
$lab^*icu^*_e$

data for any colour:
lab^*tch^* and lab^*icu^*
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

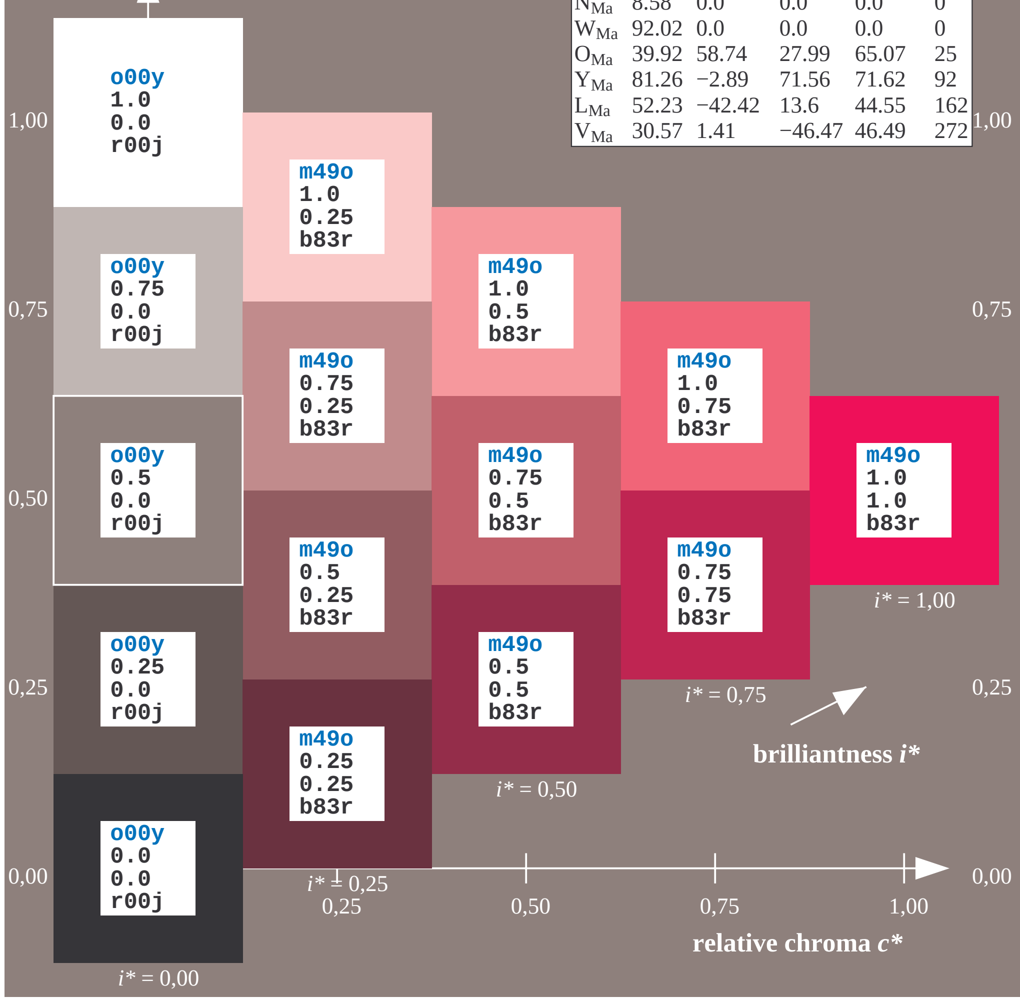


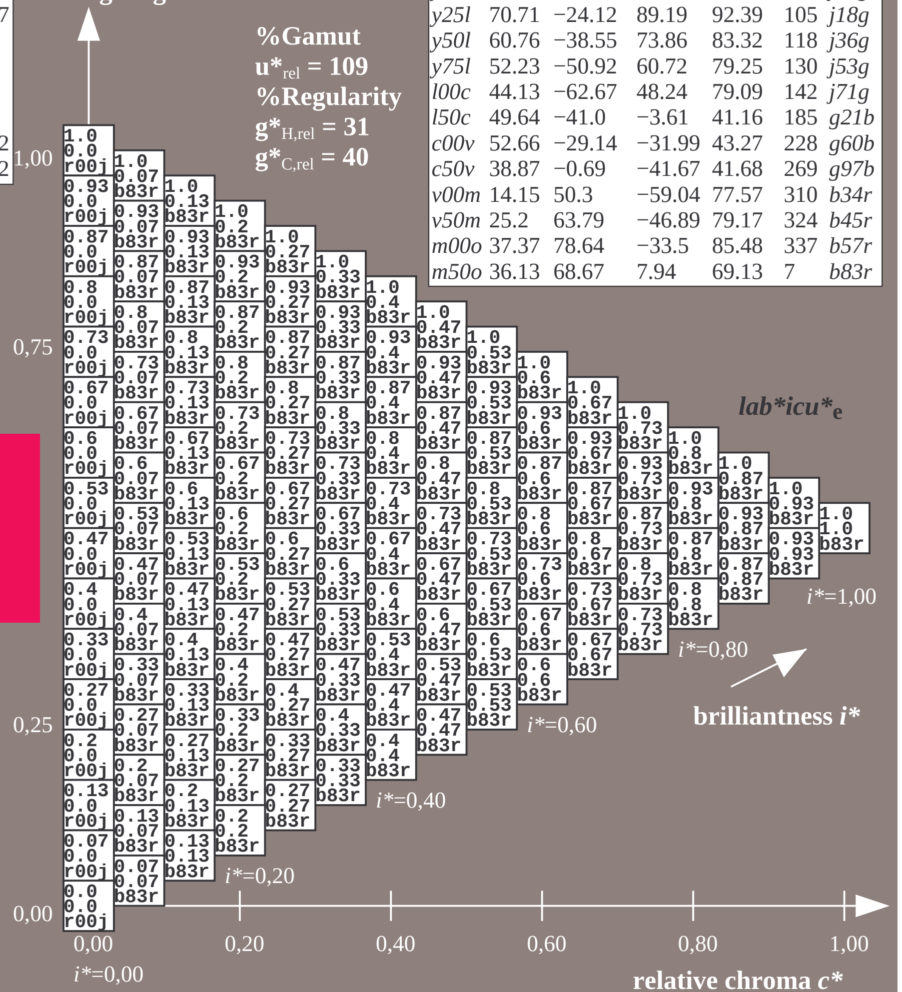
FRS09_92a; adapted (a) CIELAB data					
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	−5.17	109.32	109.44	93
L_{Ma}	44.13	−62.67	48.24	79.09	142
C_{Ma}	52.66	−29.14	−31.99	43.27	228
V_{Ma}	14.15	50.3	−59.04	77.57	310
M_{Ma}	37.37	78.64	−33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{Ma}	39.92	58.74	27.99	65.07	25
Y_{Ma}	81.26	−2.89	71.56	71.62	92
L_{Ma}	52.23	−42.42	13.6	44.55	162
V_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 36 69 8
$LAB^*LCH^*_{Ma}$: 36 69 6
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

www.ps.bam.de/Ee40/10L/L40E00NP.PS/ .PDF; FRS09_92a; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	*lab*icu*e*		
01	0.0 0.0 r00j	0.13 0.13 j71g	0.25 0.25 j71g	0.38 0.38 j71g	0.5 0.5 j71g	0.63 0.63 j71g	0.75 0.75 j71g	0.88 0.88 j71g	1.0 1.0 j71g	0.13 0.13 r16j	0.13 0.0 j01g	0.25 0.13 j36g	0.38 0.25 j47g	0.5 0.38 j53g	0.63 0.5 j57g	0.75 0.63 j59g	0.88 0.75 j61g	1.0 0.88 j62g	0.25 0.25 r16j	0.25 0.13 r58j	0.25 0.0 j01g	0.38 0.13 j24g	0.5 0.25 j36g	0.63 0.38 j43g	0.75 0.5 j47g	0.88 0.63 j51g	1.0 0.75 j53g	1.0 0.0 r00j	1.0 0.13 r16j	1.0 0.25 r16j	1.0 0.38 r16j	1.0 0.5 r16j	1.0 0.63 r16j	1.0 0.75 r16j	1.0 0.88 r16j	1.0 1.0 r16j	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j
02	0.13 0.13 b34r	0.13 0.13 g60b	0.25 0.25 g21b	0.38 0.38 g08b	0.5 0.5 g01b	0.63 0.63 j95g	0.75 0.75 j91g	0.88 0.88 j88g	1.0 1.0 j86g	0.13 0.13 b57r	0.13 0.0 r00j	0.25 0.13 j71g	0.38 0.25 j71g	0.5 0.38 j71g	0.63 0.5 j71g	0.75 0.63 j71g	0.88 0.75 j71g	1.0 0.88 j71g	0.25 0.25 b83r	0.25 0.13 r16j	0.25 0.13 j01g	0.38 0.25 j36g	0.5 0.38 j47g	0.63 0.5 j53g	0.75 0.63 j57g	0.88 0.75 j59g	1.0 0.88 j61g	1.0 0.13 g60b	0.88 0.0 r00j	0.88 0.13 r16j	0.88 0.25 r16j	0.88 0.38 r16j	0.88 0.5 r16j	0.88 0.63 r16j	0.88 0.75 r16j	0.88 0.88 r16j	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j
03	0.25 0.25 b34r	0.25 0.25 g97b	0.25 0.25 g60b	0.38 0.38 g33b	0.5 0.5 g21b	0.63 0.63 g13b	0.75 0.75 g08b	0.88 0.88 g04b	1.0 1.0 g01b	0.25 0.25 b45r	0.25 0.13 b34r	0.25 0.13 g60b	0.38 0.25 g21b	0.5 0.38 g08b	0.63 0.5 g01b	0.75 0.63 j95g	0.88 0.75 j91g	1.0 0.88 j88g	0.25 0.25 b57r	0.25 0.13 b57r	0.25 0.0 r00j	0.38 0.13 j71g	0.5 0.25 j71g	0.63 0.38 j71g	0.75 0.5 j71g	0.88 0.63 j71g	1.0 0.75 j71g	1.0 0.25 g60b	0.88 0.13 g60b	0.75 0.0 r00j	0.75 0.13 r16j	0.75 0.25 r16j	0.75 0.38 r16j	0.75 0.5 r16j	0.75 0.63 r16j	0.75 0.75 r16j	0.25 0.0 r00j	0.25 0.0 r00j	0.25 0.0 r00j	0.25 0.0 r00j
04	0.38 0.38 b34r	0.38 0.38 b10r	0.38 0.38 g85b	0.38 0.38 g60b	0.5 0.5 g40b	0.63 0.63 g28b	0.75 0.75 g21b	0.88 0.88 g15b	1.0 1.0 g11b	0.38 0.38 b41r	0.38 0.25 b34r	0.38 0.25 g97b	0.38 0.25 g60b	0.5 0.38 g33b	0.63 0.5 g21b	0.75 0.63 g13b	0.88 0.75 g08b	1.0 0.88 g04b	0.38 0.38 b49r	0.38 0.25 b45r	0.38 0.13 b34r	0.38 0.13 g60b	0.5 0.25 g21b	0.63 0.38 g08b	0.75 0.5 g01b	0.88 0.63 j95g	1.0 0.75 j91g	1.0 0.38 g60b	0.88 0.25 g60b	0.75 0.13 g60b	0.63 0.0 r00j	0.63 0.13 r16j	0.63 0.25 r16j	0.63 0.38 r16j	0.63 0.5 r16j	0.63 0.63 r16j	0.38 0.0 r00j	0.38 0.0 r00j	0.38 0.0 r00j	0.38 0.0 r00j
05	0.5 0.5 b34r	0.5 0.5 b16r	0.5 0.5 g97b	0.5 0.5 g78b	0.5 0.5 g60b	0.63 0.63 g44b	0.75 0.75 g33b	0.88 0.88 g26b	1.0 1.0 g21b	0.5 0.5 b39r	0.5 0.38 b34r	0.5 0.38 b10r	0.5 0.38 g85b	0.5 0.38 g60b	0.63 0.5 g40b	0.75 0.63 g28b	0.88 0.75 g21b	1.0 0.88 g15b	0.5 0.5 b45r	0.5 0.38 b41r	0.5 0.25 b34r	0.5 0.25 g97b	0.5 0.25 g60b	0.63 0.38 g33b	0.75 0.5 g21b	0.88 0.63 g13b	1.0 0.75 g08b	1.0 0.5 g60b	0.88 0.38 g60b	0.75 0.25 g60b	0.63 0.13 g60b	0.5 0.0 r00j	0.5 0.13 r16j	0.5 0.25 r16j	0.5 0.38 r16j	0.5 0.5 r16j	0.5 0.0 r00j	0.5 0.0 r00j	0.5 0.0 r00j	0.5 0.0 r00j
06	0.63 0.63 b34r	0.63 0.63 b19r	0.63 0.63 b05r	0.63 0.63 g90b	0.63 0.63 g75b	0.63 0.63 g60b	0.75 0.75 g46b	0.88 0.88 g37b	1.0 1.0 g30b	0.63 0.63 b38r	0.63 0.5 b34r	0.63 0.5 b16r	0.63 0.5 g97b	0.63 0.5 g78b	0.63 0.5 g60b	0.75 0.63 g44b	0.88 0.75 g33b	1.0 0.88 g26b	0.63 0.63 b43r	0.63 0.5 b39r	0.63 0.38 b34r	0.63 0.38 b10r	0.63 0.38 g85b	0.63 0.38 g60b	0.75 0.5 g40b	0.88 0.63 g28b	1.0 0.75 g21b	1.0 0.63 g60b	0.88 0.5 g60b	0.75 0.38 g60b	0.63 0.25 g60b	0.5 0.13 g60b	0.38 0.0 r00j	0.38 0.13 r16j	0.38 0.25 r16j	0.38 0.38 r16j	0.63 0.0 r00j	0.63 0.0 r00j	0.63 0.0 r00j	0.63 0.0 r00j
07	0.75 0.75 b34r	0.75 0.75 b22r	0.75 0.75 b10r	0.75 0.75 g97b	0.75 0.75 g85b	0.75 0.75 g72b	0.75 0.75 g60b	0.88 0.88 g48b	1.0 1.0 g40b	0.75 0.75 b38r	0.75 0.63 b34r	0.75 0.63 b19r	0.75 0.63 b05r	0.75 0.63 g90b	0.75 0.63 g75b	0.75 0.63 g60b	0.88 0.75 g46b	1.0 0.88 g37b	0.75 0.75 b41r	0.75 0.63 b38r	0.75 0.5 b34r	0.75 0.5 b16r	0.75 0.5 g97b	0.75 0.5 g78b	0.75 0.5 g60b	0.88 0.63 g44b	1.0 0.75 g33b	1.0 0.75 g60b	0.88 0.63 g60b	0.75 0.5 g60b	0.63 0.38 g60b	0.5 0.25 g60b	0.38 0.13 g60b	0.25 0.0 r00j	0.25 0.13 r16j	0.25 0.25 r16j	0.75 0.0 r00j	0.75 0.0 r00j	0.75 0.0 r00j	0.75 0.0 r00j
08	0.88 0.88 b34r	0.88 0.88 b23r	0.88 0.88 b13r	0.88 0.88 b03r	0.88 0.88 g92b	0.88 0.88 g81b	0.88 0.88 g70b	0.88 0.88 g60b	1.0 1.0 g50b	0.88 0.88 b37r	0.88 0.75 b34r	0.88 0.75 b22r	0.88 0.75 b10r	0.88 0.75 g97b	0.88 0.75 g85b	0.88 0.75 g72b	0.88 0.75 g60b	1.0 0.88 g48b	0.88 0.88 b40r	0.88 0.75 b38r	0.88 0.63 b34r	0.88 0.63 b19r	0.88 0.63 b05r	0.88 0.63 g90b	0.88 0.63 g75b	0.88 0.63 g60b	1.0 0.75 g46b	1.0 0.88 g60b	0.88 0.75 g60b	0.75 0.63 g60b	0.63 0.5 g60b	0.5 0.38 g60b	0.38 0.25 g60b	0.25 0.13 g60b	0.13 0.0 r00j	0.13 0.13 r16j	0.88 0.0 r00j	0.88 0.0 r00j	0.88 0.0 r00j	0.88 0.0 r00j
09	1.0 1.0 b34r	1.0 1.0 b25r	1.0 1.0 b16r	1.0 1.0 b07r	1.0 1.0 g97b	1.0 1.0 g88b	1.0 1.0 g78b	1.0 1.0 g69b	1.0 1.0 g60b	1.0 1.0 b37r	1.0 0.88 b34r	1.0 0.88 b23r	1.0 0.88 b13r	1.0 0.88 b03r	1.0 0.88 g92b	1.0 0.88 g81b	1.0 0.88 g70b	1.0 0.88 g60b	1.0 1.0 b39r	1.0 0.88 b37r	1.0 0.75 b34r	1.0 0.75 b22r	1.0 0.75 b10r	1.0 0.75 g97b	1.0 0.75 g85b	1.0 0.75 g72b	1.0 0.75 g60b	1.0 1.0 g60b	0.88 0.88 g60b	0.75 0.75 g60b	0.63 0.63 g60b	0.5 0.5 g60b	0.38 0.38 g60b	0.25 0.25 g60b	0.13 0.13 g60b	0.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j
10	0.38 0.38 r16j	0.38 0.38 r44j	0.38 0.38 r72j	0.38 0.38 j01g	0.5 0.5 j18g	0.63 0.63 j29g	0.75 0.75 j36g	0.88 0.88 j41g	1.0 1.0 j45g	0.5 0.5 r16j	0.5 0.5 r37j	0.5 0.5 r58j	0.5 0.5 r79j	0.5 0.5 j01g	0.63 0.63 j15g	0.75 0.75 j24g	0.88 0.88 j31g	1.0 1.0 j36g	0.63 0.63 r16j	0.63 0.63 r33j	0.63 0.63 r49j	0.63 0.63 r66j	0.63 0.63 r83j	0.63 0.63 j01g	0.75 0.75 j12g	0.88 0.88 j21g	1.0 1.0 j27g	1.0 0.0 r00j	1.0 0.13 j01g	1.0 0.25 j01g	1.0 0.38 j01g	1.0 0.5 j01g	1.0 0.63 j01g	1.0 0.75 j01g	1.0 0.88 j01g	1.0 1.0 j01g	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j
11	0.38 0.38 b92r	0.38 0.25 r16j	0.38 0.25 r58j	0.38 0.25 j01g	0.5 0.38 j24g	0.63 0.5 j36g	0.75 0.63 j43g	0.88 0.75 j47g	1.0 0.88 j51g	0.5 0.5 b96r	0.5 0.38 r16j	0.5 0.38 r44j	0.5 0.38 r72j	0.5 0.38 j01g	0.63 0.5 j18g	0.75 0.63 j29g	0.88 0.75 j36g	1.0 0.88 j41g	0.63 0.63 b99r	0.63 0.5 r16j	0.63 0.5 r37j	0.63 0.5 r58j	0.63 0.5 r79j	0.63 0.5 j01g	0.75 0.63 j15g	0.88 0.75 j24g	1.0 0.88 j31g	1.0 0.13 b34r	0.88 0.0 r00j	0.88 0.13 j01g	0.88 0.25 j01g	0.88 0.38 j01g	0.88 0.5 j01g	0.88 0.63 j01g	0.88 0.75 j01g	0.88 0.88 j01g	0.07 0.0 r00j	0.07 0.0 r00j	0.07 0.0 r00j	0.07 0.0 r00j
12	0.38 0.38 b74r	0.38 0.25 b83r	0.38 0.13 r16j	0.38 0.13 j01g	0.5 0.25 j36g	0.63 0.38 j47g	0.75 0.5 j53g	0.88 0.63 j57g	1.0 0.75 j59g	0.5 0.5 b83r	0.5 0.38 b92r	0.5 0.25 r16j	0.5 0.25 r58j	0.5 0.25 j01g	0.63 0.38 j24g	0.75 0.5 j36g	0.88 0.63 j43g	1.0 0.75 j47g	0.63 0.63 b88r	0.63 0.5 b96r	0.63 0.38 r16j	0.63 0.38 r44j	0.63 0.38 r72j	0.63 0.38 j01g	0.75 0.5 j18g	0.88 0.63 j29g	1.0 0.75 j36g	1.0 0.25 b34r	0.88 0.13 b34r	0.75 0.0 r00j	0.75 0.13 j01g	0.75 0.25 j01g	0.75 0.38 j01g	0.75 0.5 j01g	0.75 0.63 j01g	0.75 0.75 j01g	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j	0.13 0.0 r00j
13	0.38 0.38 b57r	0.38 0.25 b57r	0.38 0.13 b57r	0.38 0.0 r00j	0.5 0.13 j71g	0.63 0.25 j71g	0.75 0.38 j71g	0.88 0.5 j71g	1.0 0.63 j71g	0.5 0.5 b70r	0.5 0.38 b74r	0.5 0.25 b83r	0.5 0.13 r16j	0.5 0.13 j01g	0.63 0.25 j36g	0.75 0.38 j47g	0.88 0.5 j53g	1.0 0.63 j57g	0.63 0.63 b78r	0.63 0.5 b83r	0.63 0.38 b92r	0.63 0.25 r16j	0.63 0.25 r58j	0.63 0.25 j01g	0.75 0.38 j24g	0.88 0.5 j36g	1.0 0.63 j43g	1.0 0.38 b34r	0.88 0.25 b34r	0.75 0.13 b34r	0.63 0.0 r00j	0.63 0.13 j01g	0.63 0.25 j01g	0.63 0.38 j01g	0.63 0.5 j01g	0.63 0.63 j01g	0.2 0.0 r00j	0.2 0.0 r00j	0.2 0.0 r00j	0.2 0.0 r00j
14	0.5 0.5 b51r	0.5 0.38 b49r	0.5 0.25 b45r	0.5 0.13 b34r	0.5 0.13 g60b	0.63 0.25 g21b	0.75 0.38 g08b	0.88 0.5 g01b	1.0 0.63 j95g	0.5 0.5 b57r	0.5 0.38 b57r	0.5 0.25 b57r	0.5 0.13 b57r	0.5 0.0 r00j	0.63 0.13 j71g	0.75 0.25 j71g	0.88 0.38 j71g	1.0 0.5 j71g	0.63 0.63 b68r	0.63 0.5 b70r	0.63 0.38 b74r	0.63 0.25 b83r	0.63 0.13 r16j	0.63 0.13 j01g	0.75 0.25 j36g	0.88 0.38 j47g	1.0 0.5 j53g	1.0 0.5 b34r	0.88 0.38 b34r	0.75 0.25 b34r	0.63 0.13 b34r	0.5 0.0 r00j	0.5 0.13 j01g	0.5 0.25 j01g	0.5 0.38 j01g	0.5 0.5 j01g	0.27 0.0 r00j	0.27 0.0 r00j	0.27 0.0 r00j	0.27 0.0 r00j
15	0.63 0.63 b48r	0.63 0.5 b45r	0.63 0.38 b41r	0.63 0.25 b34r	0.63 0.25 g97b	0.63 0.25 g60b	0.75 0.38 g33b	0.88 0.5 g21b	1.0 0.63 g13b	0.63 0.63 b53r	0.63 0.5 b51r	0.63 0.38 b49r	0.63 0.25 b45r	0.63 0.13 b34r	0.63 0.13 g60b	0.75 0.25 g21b	0.88 0.38 g08b	1.0 0.5 g01b	0.63 0.63 b57r	0.63 0.5 b57r	0.63 0.38 b57r	0.63 0.25 b57r	0.63 0.13 b57r	0.63 0.0 r00j	0.75 0.13 j71g	0.88 0.25 j71g	1.0 0.38 j71g	1.0 0.63 b34r	0.88 0.5 b34r	0.75 0.38 b34r	0.63 0.25 b34r	0.5 0.13 b34r	0.38 0.0 r00j	0.38 0.13 j01g	0.38 0.25 j01g	0.38 0.38 j01g	0.33 0.0 r00j	0.33 0.0 r00j	0.33 0.0 r00j	0.33 0.0 r00j
16	0.75 0.75 b45r	0.75 0.63 b43r	0.75 0.5 b39r	0.75 0.38 b34r	0.75 0.38 b10r	0.75 0.38 g85b	0.75 0.38 g60b	0.88 0.5 g40b	1.0 0.63 g28b	0.75 0.75 b49r	0.75 0.63 b48r	0.75 0.5 b45r	0.75 0.38 b41r	0.75 0.25 b34r	0.75 0.25 g97b	0.75 0.25 g60b	0.88 0.38 g33b	1.0 0.5 g21b	0.75 0.75 b53r	0.75 0.63 b53r	0.75 0.5 b51r	0.75 0.38 b49r	0.75 0.25 b45r	0.75 0.13 b34r	0.75 0.13 g60b	0.88 0.25 g21b	1.0 0.38 g08b	1.0 0.75 b34r	0.88 0.63 b34r	0.75 0.5 b34r	0.63 0.38 b34r	0.5 0.25 b34r	0.38 0.13 b34r	0.25 0.0 r00j	0.25 0.13 j01g	0.25 0.25 j01g	0.4 0.0 r00j	0.4 0.0 r00j	0.4 0.0 r00j	0.4 0.0 r00j
17	0.88 0.88 b44r	0.88 0.75 b41r	0.88 0.63 b38r	0.88 0.5 b34r	0.88 0.5 b16r	0.88 0.5 g97b	0.88 0.5 g78b	0.88 0.5 g60b	1.0 0.63 g44b	0.88 0.88 b47r	0.88 0.75 b45r	0.88 0.63 b43r	0.88 0.5 b39r	0.88 0.38 b34r	0.88 0.38 b10r	0.88 0.38 g85b	0.88 0.38 g60b	1.0 0.5 g40b	0.88 0.88 b51r	0.88 0.75 b49r	0.88 0.63 b48r	0.88 0.5 b45r	0.88 0.38 b41r	0.88 0.25 b34r	0.88 0.25 g97b	0.88 0.25 g60b	1.0 0.38 g33b	1.0 0.88 b34r	0.88 0.75 b34r	0.75 0.63 b34r	0.63 0.5 b34r	0.5 0.38 b34r	0.38 0.25 b34r	0.25 0.13 b34r	0.13 0.0 r00j	0.13 0.13 j01g	0.47 0.0 r00j	0.47 0.0 r00j	0.47 0.0 r00j	0.47 0.0 r00j
18	1.0 1.0 b42r	1.0 0.88 b40r	1.0 0.75 b38r	1.0 0.63 b34r	1.0 0.63 b19r	1.0 0.63 b05r	1.0 0.63 g90b	1.0 0.63 g75b	1.0 0.63 g60b	1.0 1.0 b45r	1.0 0.88 b44r	1.0 0.75 b41r	1.0 0.63 b38r	1.0 0.5 b34r	1.0 0.5 b16r	1.0 0.5 g97b	1.0 0.5 g78b	1.0 0.5 g60b	1.0 1.0 b48r	1.0 0.88 b47r	1.0 0.75 b45r	1.0 0.63 b43r	1.0 0.5 b39r	1.0 0.38 b34r	1.0 0.38 b10r	1.0 0.38 g85b	1.0 0.38 g60b	1.0 1.0 b34r	0.88 0.88 b34r	0.75 0.75 b34r	0.63 0.63 b34r	0.5 0.5 b34r	0.38 0.38 b34r	0.25 0.25 b34r	0.13 0.13 b34r	0.0 0.0 r00j	0.53 0.0 r00j	0.53 0.0 r00j	0.53 0.0 r00j	0.53 0.0 r00j
19	0.75 0.75 r16j	0.75 0.75 r30j	0.75 0.75 r44j	0.75 0.75 r58j	0.75 0.75 r72j	0.75 0.75 r86j	0.75 0.75 j01g	0.88 0.88 j11g	1.0 1.0 j18g	0.88 0.88 r16j	0.88 0.88 r28j	0.88 0.88 r40j	0.88 0.88 r52j	0.88 0.88 r64j	0.88 0.88 r76j	0.88 0.88 r88j	0.88 0.88 j01g	1.0 1.0 j09g	1.0 1.0 r16j	1.0 1.0 r26j	1.0 1.0 r37j	1.0 1.0 r47j	1.0 1.0 r58j	1.0 1.0 r68j	1.0 1.0 r79j	1.0 1.0 r89j	1.0 1.0 j01g	1.0 0.0 r00j	1.0 0.13 j71g	1.0 0.25 j71g	1.0 0.38 j71g	1.0 0.5 j71g	1.0 0.63 j71g	1.0 0.75 j71g	1.0 0.88 j71g	1.0 1.0 j71g	0.6 0.0 r00j	0.6 0.0 r00j	0.6 0.0 r00j	0.6 0.0 r00j
20	0.75 0.75 r01j	0.75 0.63 r16j	0.75 0.63 r33j	0.75 0.63 r49j	0.75 0.63 r66j	0.75 0.63 r83j	0.75 0.63 j01g	0.88 0.75 j12g	1.0 0.88 j21g	0.88 0.88 r03j	0.88 0.75 r16j	0.88 0.75 r30j	0.88 0.75 r44j	0.88 0.75 r58j	0.88 0.75 r72j	0.88 0.75 r86j	0.88 0.75 j01g	1.0 0.88 j11g	1.0 1.0 r05j	1.0 0.88 r16j	1.0 0.88 r28j	1.0 0.88 r40j	1.0 0.88 r52j	1.0 0.88 r64j	1.0 0.88 r76j	1.0 0.88 r88j	1.0 0.88 j01g	1.0 0.13 b57r	0.88 0.0 r00j	0.88 0.13 j71g	0.88 0.25 j71g	0.88 0.38 j71g	0.88 0.5 j71g	0.88 0.63 j71g	0.88 0.75 j71g	0.88 0.88 j71g	0.67 0.0 r00j	0.67 0.0 r00j	0.67 0.0 r00j	0.67 0.0 r00j
21	0.75 0.75 b92r	0.75 0.63 b99r	0.75 0.5 r16j	0.75 0.5 r37j	0.75 0.5 r58j	0.75 0.5 r79j	0.75 0.5 j01g	0.88 0.63 j15g	1.0 0.75 j24g	0.88 0.88 b94r	0.88 0.75 r01j	0.88 0.63 r16j	0.88 0.63 r33j	0.88 0.63 r49j	0.88 0.63 r66j	0.88 0.63 r83j	0.88 0.63 j01g	1.0 0.75 j12g	1.0 1.0 b96r	1.0 0.88 r03j	1.0 0.75 r16j	1.0 0.75 r30j	1.0 0.75 r44j	1.0 0.75 r58j	1.0 0.75 r72j	1.0 0.75 r86j	1.0 0.75 j01g	1.0 0.25 b57r	0.88 0.13 b57r	0.75 0.0 r00j	0.75 0.13 j71g	0.75 0.25 j71g	0.75 0.38 j71g	0.75 0.5 j71g	0.75 0.63 j71g	0.75 0.75 j71g	0.73 0.0 r00j	0.73 0.0 r00j	0.73 0.0 r00j	0.73 0.0 r00j
22	0.75 0.75 b83r	0.75 0.63 b88r	0.75 0.5 b96r	0.75 0.38 r16j	0.75 0.38 r44j	0.75 0.38 r72j	0.75 0.38 j01g	0.88 0.5 j18g	1.0 0.63 j29g	0.88 0.88 b87r	0.88 0.75 b92r	0.88 0.63 b99r	0.88 0.5 r16j	0.88 0.5 r37j	0.88 0.5 r58j	0.88 0.5 r79j	0.88 0.5 j01g	1.0 0.63 j15g	1.0 1.0 b90r	1.0 0.88 b94r	1.0 0.75 r01j	1.0 0.63 r16j	1.0 0.63 r33j	1.0 0.63 r49j	1.0 0.63 r66j	1.0 0.63 r83j	1.0 0.63 j01g	1.0 0.38 b57r	0.88 0.25 b57r	0.75 0.13 b57r	0.63 0.0 r00j	0.63 0.13 j71g	0.63 0.25 j71g	0.63 0.38 j71g	0.63 0.5 j71g	0.63 0.63 j71g	0.8 0.0 r00j	0.8 0.0 r00j	0.8 0.0 r00j	0.8 0.0 r00j
23	0.75 0.75 b74r	0.75 0.63 b78r	0.75 0.5 b83r	0.75 0.38 b92r	0.75 0.25 r16j	0.75 0.25 r58j	0.75 0.25 j01g	0.88 0.38 j24g	1.0 0.5 j36g	0.88 0.88 b79r	0.88 0.75 b83r	0.88 0.63 b88r	0.88 0.5 b96r	0.88 0.38 r16j	0.88 0.38 r44j	0.88 0.38 r72j	0.88 0.38 j01g	1.0 0.5 j18g	1.0 1.0 b83r	1.0 0.88 b87r	1.0 0.75 b92r	1.0 0.63 b99r	1.0 0.5 r16j	1.0 0.5 r37j	1.0 0.5 r58j	1.0 0.5 r79j	1.0 0.5 j01g	1.0 0.5 b57r	0.88 0.38 b57r	0.75 0.25 b57r	0.63 0.13 b57r	0.5 0.0 r00j	0.5 0.13 j71g	0.5 0.25 j71g	0.5 0.38 j71g	0.5 0.5 j71g	0.87 0.0 r00j	0.87 0.0 r00j	0.87 0.0 r00j	0.87 0.0 r00j
24	0.75 0.75 b66r	0.75 0.63 b68r	0.75 0.5 b70r	0.75 0.38 b74r	0.75 0.25 b83r	0.75 0.13 r16j	0.75 0.13 j01g	0.88 0.25 j36g	1.0 0.38 j47g	0.88 0.88 b72r	0.88 0.75 b74r	0.88 0.63 b78r	0.88 0.5 b83r	0.88 0.38 b92r	0.88 0.25 r16j	0.88 0.25 r58j	0.88 0.25 j01g	1.0 0.38 j24g	1.0 1.0 b77r	1.0 0.88 b79r	1.0 0.75 b83r	1.0 0.63 b88r	1.0 0.5 b96r	1.0 0.38 r16j	1.0 0.38 r44j	1.0 0.38 r72j	1.0 0.38 j01g	1.0 0.63 b57r	0.88 0.5 b57r	0.75 0.38 b57r	0.63 0.25 b57r	0.5 0.13 b57r	0.38 0.0 r00j	0.38 0.13 j71g	0.38 0.25 j71g	0.38 0.38 j71g	0.93 0.0 r00j	0.93 0.0 r00j	0.93 0.0 r00j	0.93 0.0 r00j
25	0.75 0.75 b57r	0.75 0.63 b57r	0.75 0.5 b57r	0.75 0.38 b57r	0.75 0.25 b57r	0.75 0.13 b57r	0.75 0.0 r00j	0.88 0.13 j71g	1.0 0.25 j71g	0.88 0.88 b65r	0.88 0.75 b66r	0.88 0.63 b68r	0.88 0.5 b70r	0.88 0.38 b74r	0.88 0.25 b83r	0.88 0.13 r16j	0.88 0.13 j01g	1.0 0.25 j36g	1.0 1.0 b70r	1.0 0.88 b72r	1.0 0.75 b74r	1.0 0.63 b78r	1.0 0.5 b83r	1.0 0.38 b92r	1.0 0.25 r16j	1.0 0.25 r58j	1.0 0.25 j01g	1.0 0.75 b57r	0.88 0.63 b57r	0.75 0.5 b57r	0.63 0.38 b57r	0.5 0.25 b57r	0.38 0.13 b57r	0.25 0.0 r00j	0.25 0.13 j71g	0.25 0.25 j71g	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j	1.0 0.0 r00j
26	0.88 0.88 b54r	0.88 0.75 b53r	0.88 0.63 b53r	0.88 0.5 b51r	0.88 0.38 b49r	0.88 0.25 b45r	0.88 0.13 b34r	0.88 0.13 g60b	1.0 0.25 g21b	0.88 0.88 b57r	0.88 0.75 b57r	0.88 0.63 b57r	0.88 0.5 b57r	0.88 0.38 b57r	0.88 0.25 b57r	0.88 0.13 b57r	0.88 0.0 r00j	1.0 0.13 j71g	1.0 1.0 b64r	1.0 0.88 b65r	1.0 0.75 b66r	1.0 0.63 b68r	1.0 0.5 b70r	1.0 0.38 b74r	1.0 0.25 b83r	1.0 0.13 r16j	1.0 0.13 j01g	1.0 0.88 b57r	0.88 0.75 b57r	0.75 0.63 b57r	0.63 0.5 b57r	0.5 0.38 b57r	0.38 0.25 b57r	0.25 0.13 b57r	0.13 0.0 r00j	0.13 0.13 j71g	0.0 0.0 r00j	1.0 1.0 r16j	1.0 1.0 j01g	1.0 1.0 j71g
27	1.0 1.0 b51r	1.0 0.88 b51r	1.0 0.75 b49r	1.0 0.63 b48r	1.0 0.5 b45r	1.0 0.38 b41r	1.0 0.25 b34r	1.0 0.25 g97b	1.0 0.25 g60b	1.0 1.0 b54r	1.0 0.88 b54r	1.0 0.75 b53r	1.0 0.63 b53r	1.0 0.5 b51r	1.0 0.38 b49r	1.0 0.25 b45r	1.0 0.13 b34r	1.0 0.13 g60b	1.0 1.0 b57r	1.0 0.88 b57r	1.0 0.75 b57r	1.0 0.63 b57r	1.0 0.5 b57r	1.0 0.38 b57r	1.0 0.25 b57r	1.0 0.13 b57r	1.0 0.0 r00j	1.0 1.0 b57r	0.88 0.88 b57r	0.75 0.75 b57r	0.63 0.63 b57r	0.5 0.5 b57r	0.38 0.38 b57r	0.25 0.25 b57r	0.13 0.13 b57r	0.0 0.0 r00j	1.0 0.0 r00j	1.0 1.0 g60b	1.0 1.0 b34r	1.0 1.0 b57r

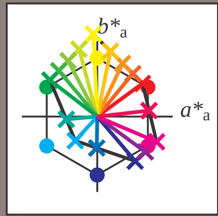
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

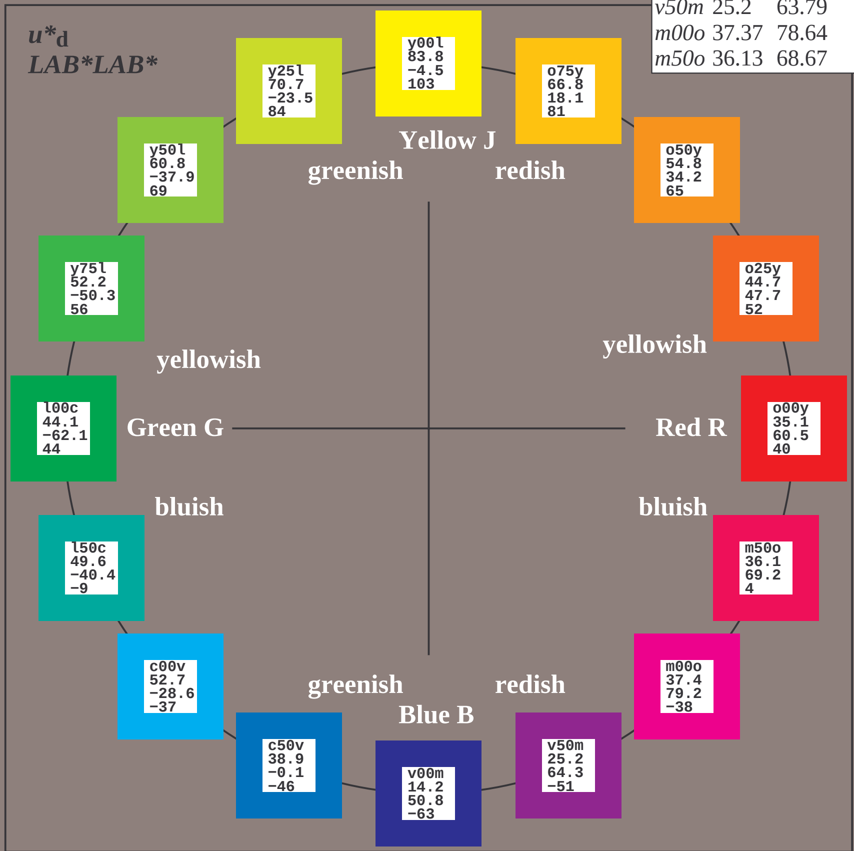
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

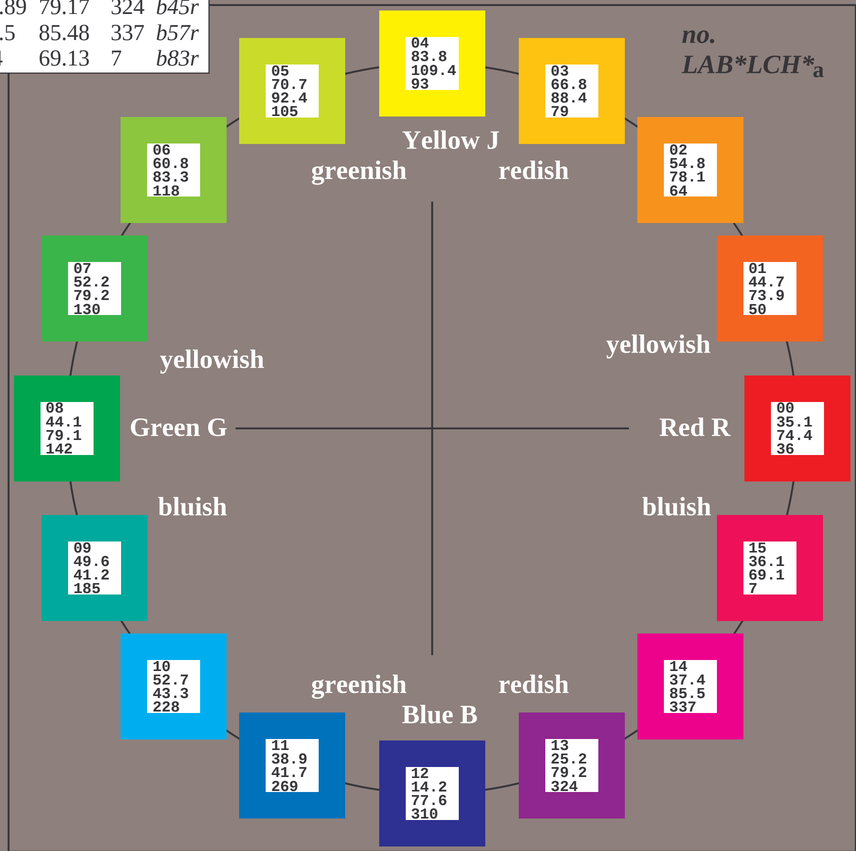


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





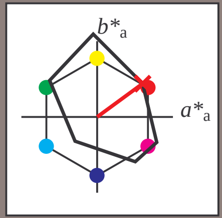
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

u^*_d = o00y
*LAB*LAB**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o00y u^*_e = r16j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

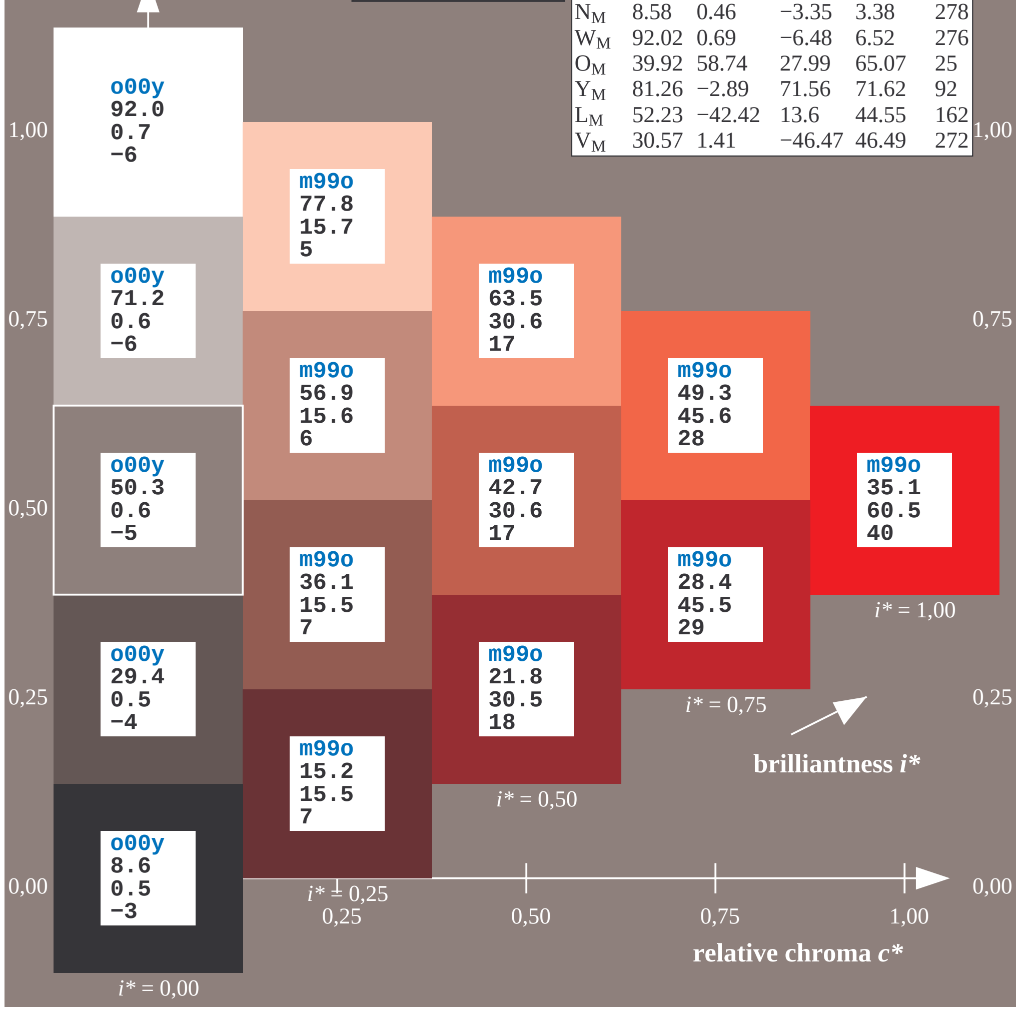


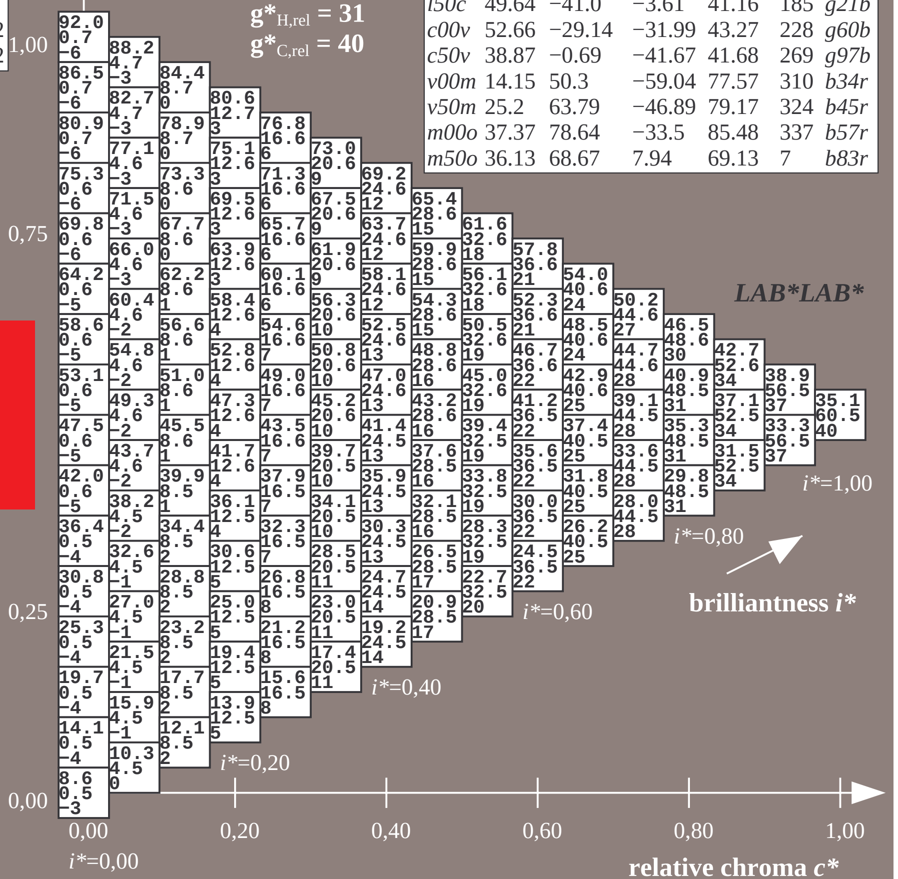
FRS09_92; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 35 60 44**
***$LAB^*LCH^*_{Ma}$*: 35 74 36**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 0.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.16 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

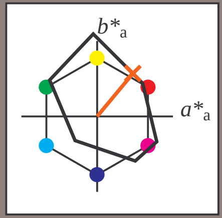
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

u^*_d = o25y
*LAB*LAB**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o25y u^*_e = r37j
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

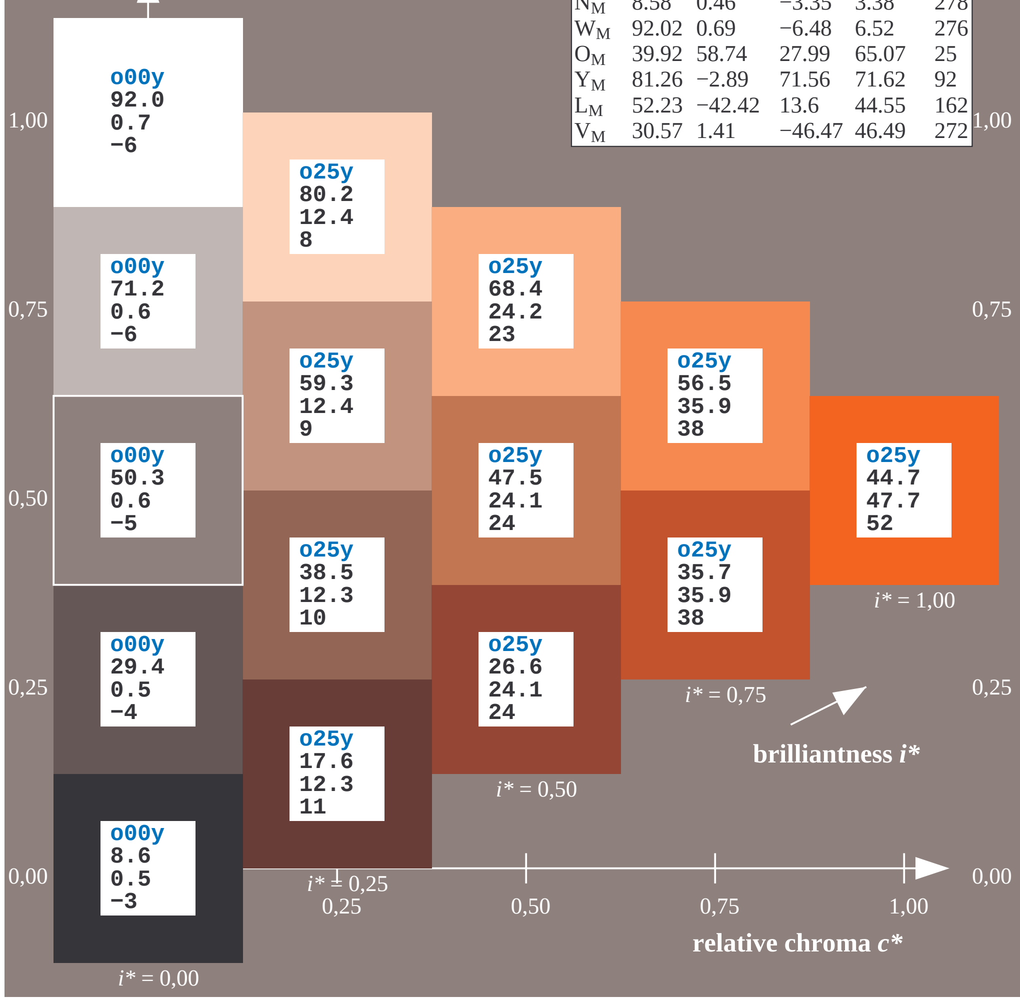


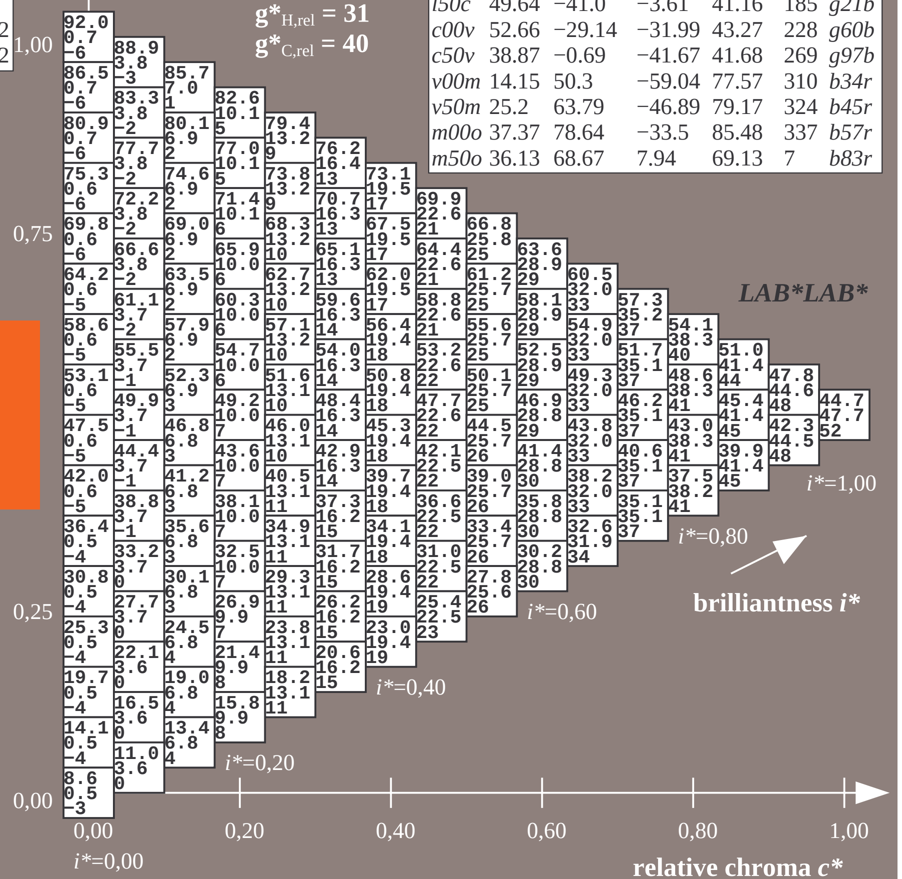
FRS09_92; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 45 47 57**
***LAB*LCH*$_{Ma}$*: 45 74 50**
***lab*olv*$_{Ma}$*: 1.0 0.25 0.0**
***lab*rgb*$_{Ma}$*: 1.0 0.37 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

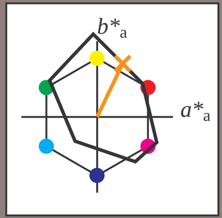
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

u^*_d = o50y
*LAB*LAB**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o50y u^*_e = r58j
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

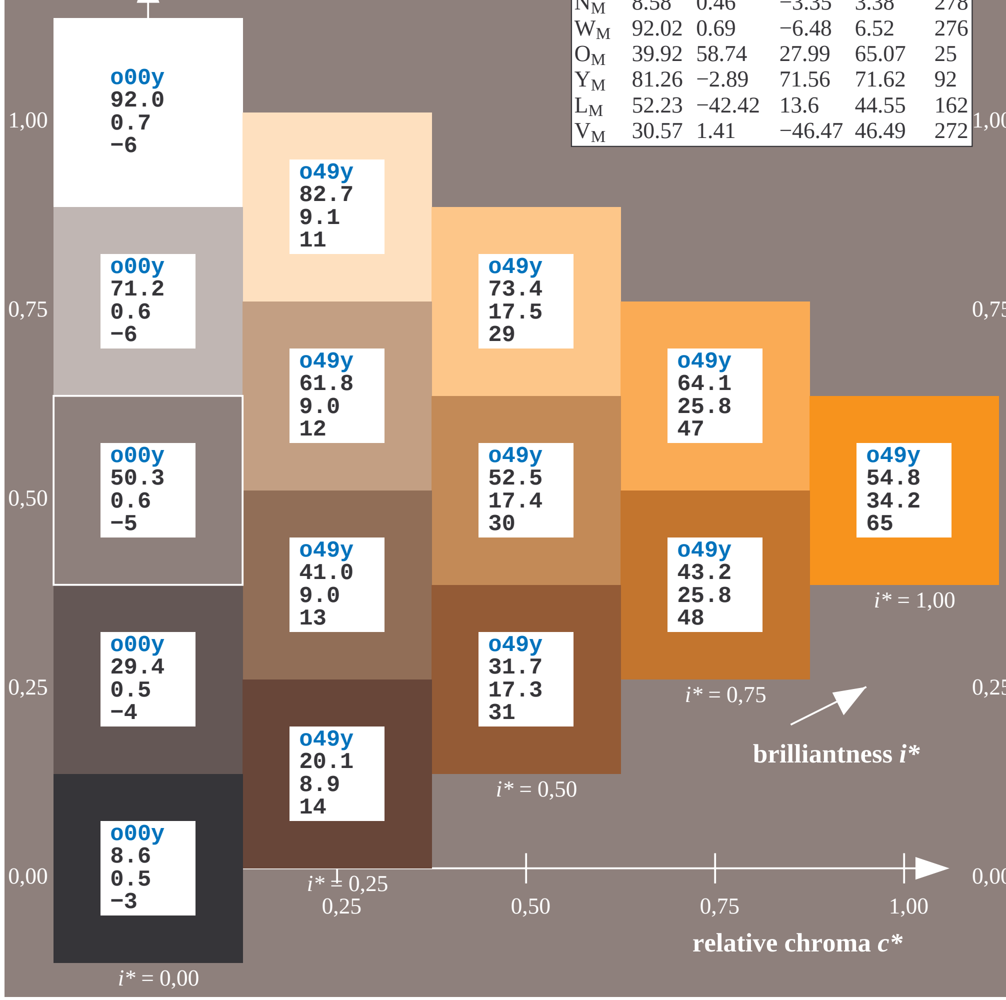


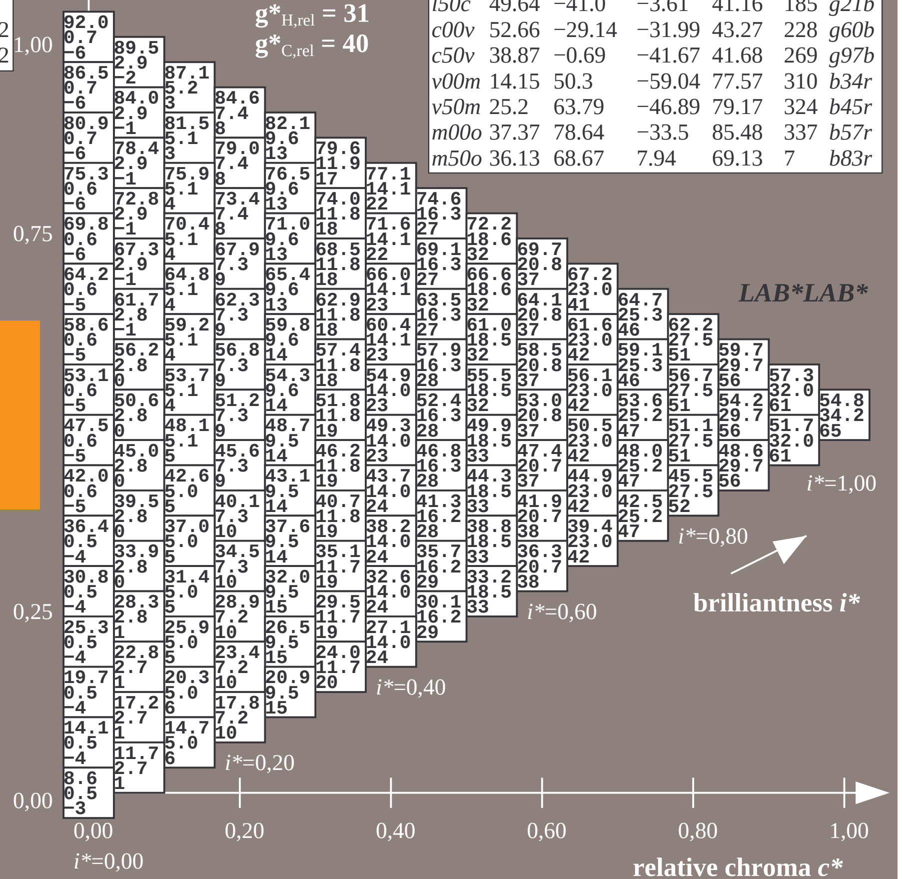
FRS09_92; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$: 55 34 70
LAB*LCH*$_{Ma}$: 55 78 64
lab*olv*$_{Ma}$: 1.0 0.5 0.0
lab*rgb*$_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





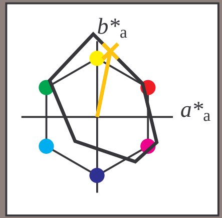
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

$u^*_d = o75y$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r79j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data

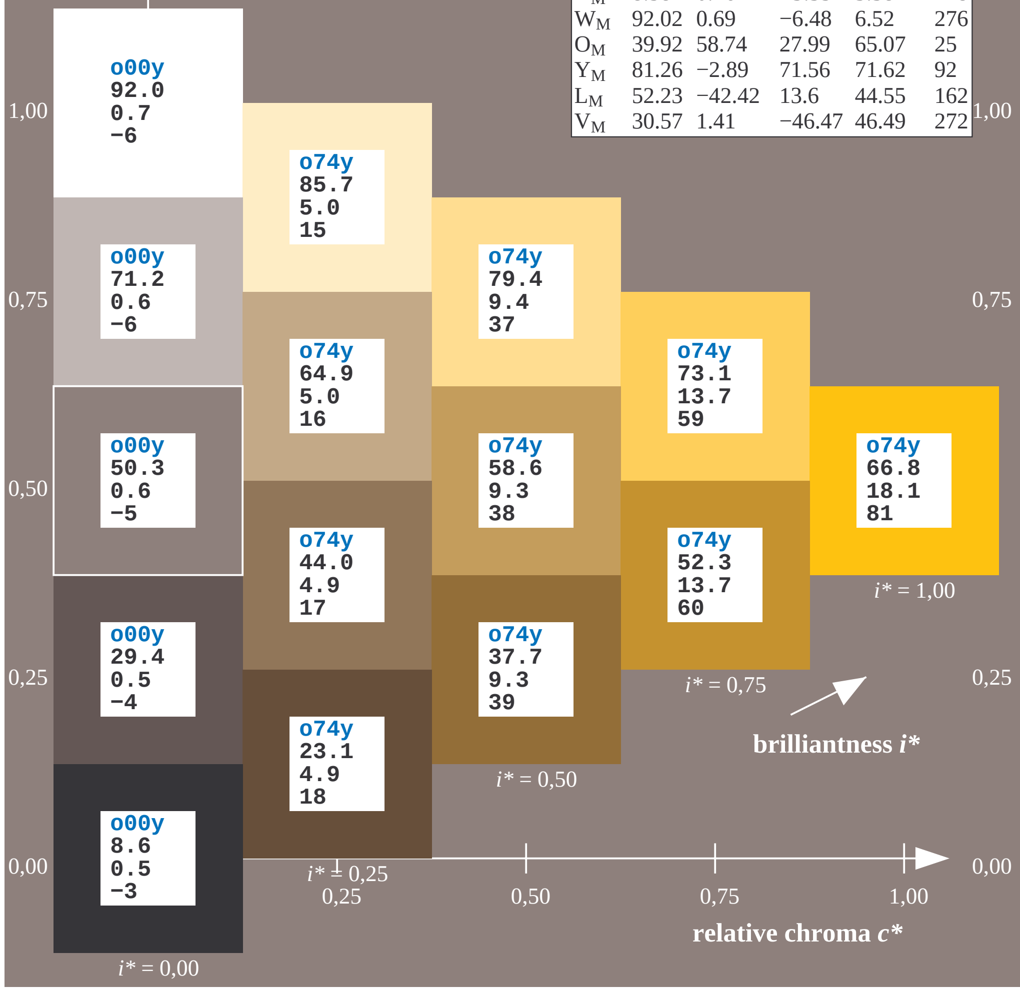
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

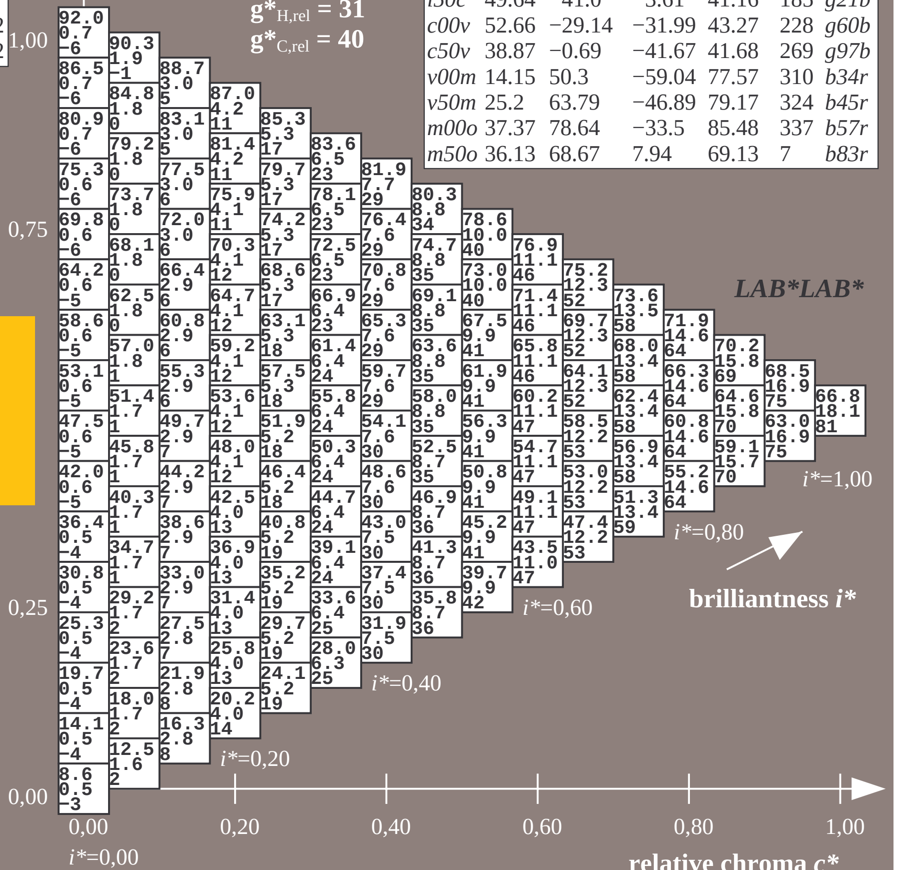
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 67 17 87
$LAB^*LCH^*_{Ma}$: 67 88 78
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

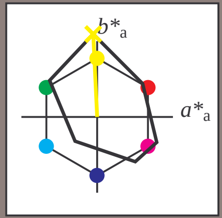
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$
*LAB*LAB**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data

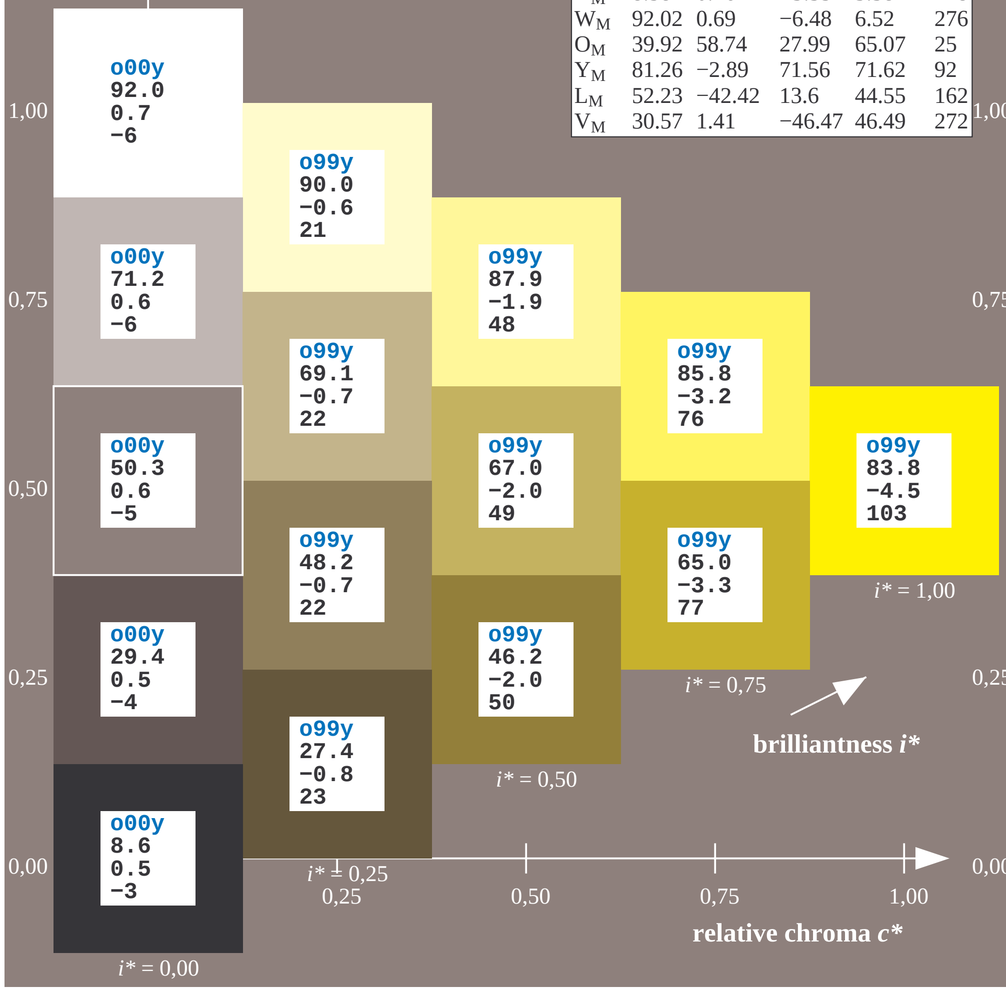
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

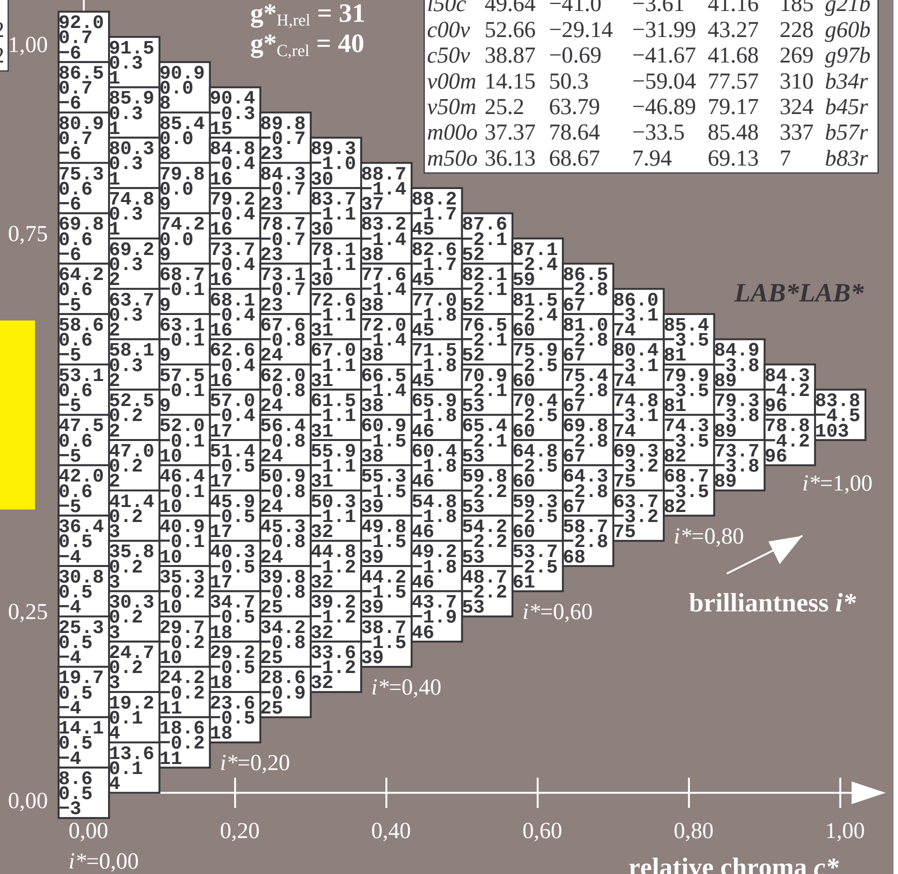
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 84 −5 109**
LAB*LCH*$_{Ma}$**: 84 109 92**
lab*olv*$_{Ma}$**: 1.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.99 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

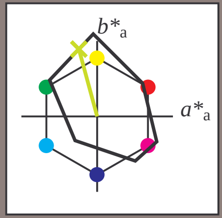
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

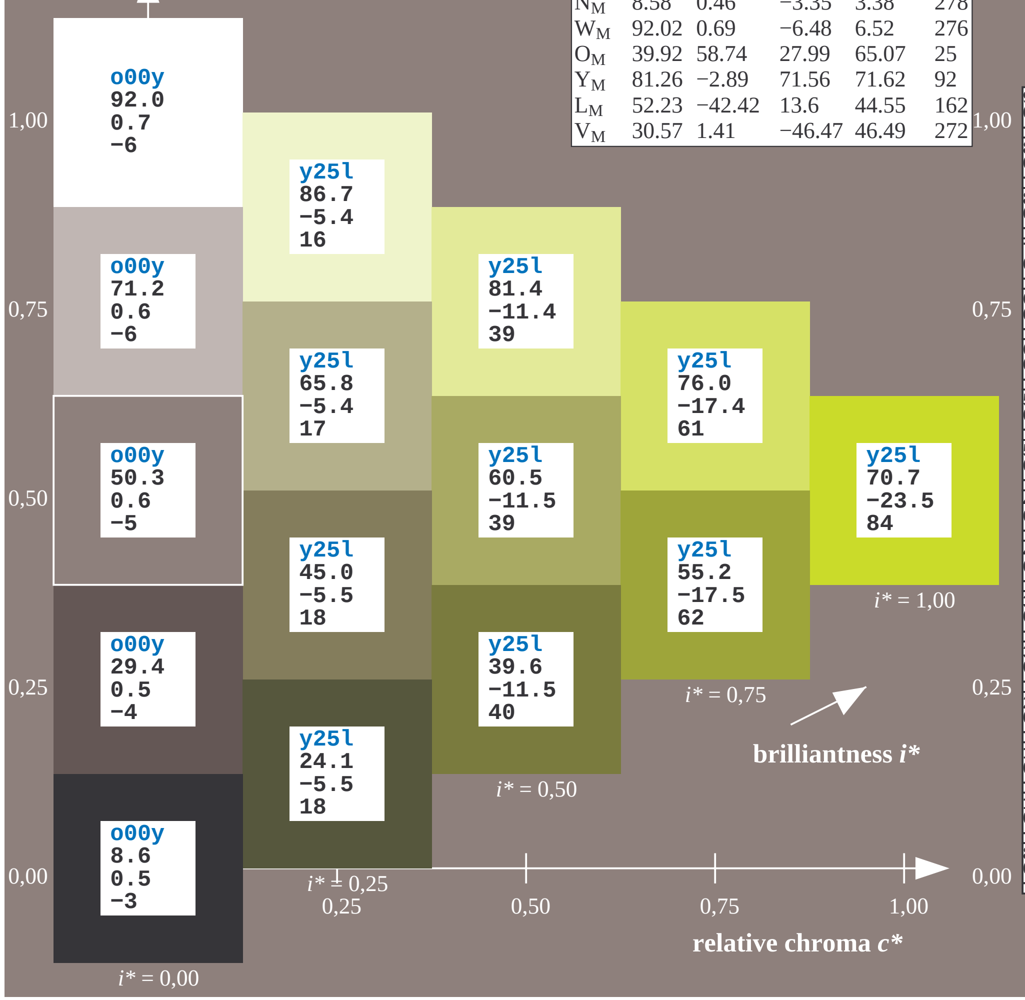


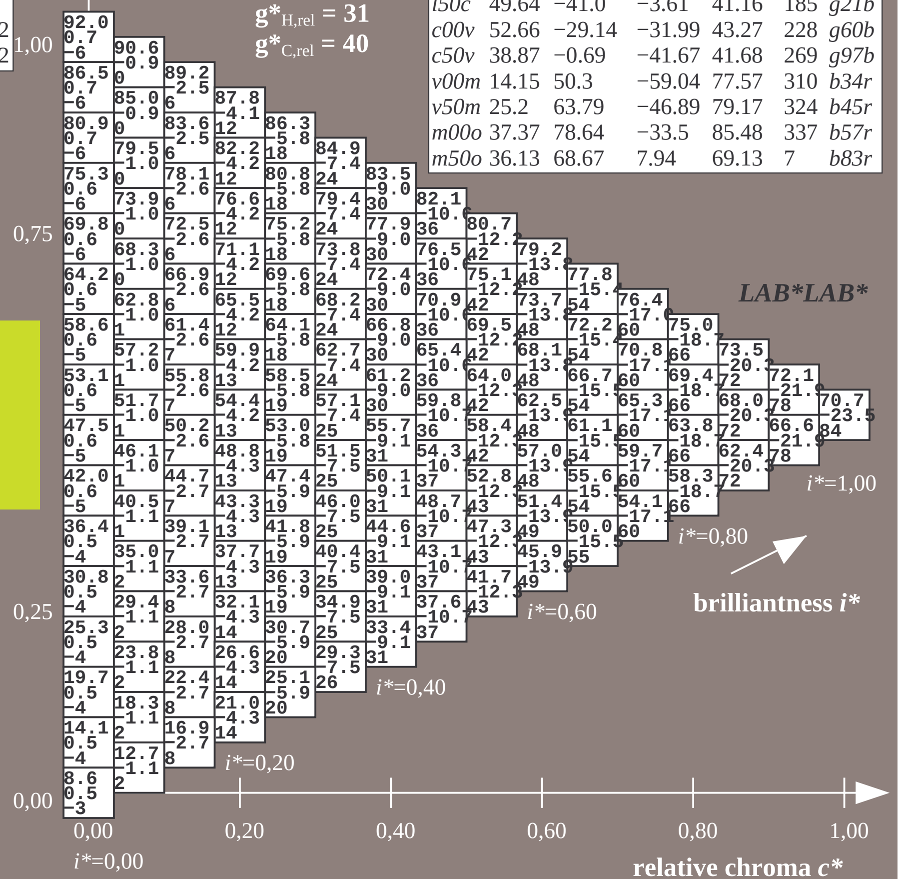
FRS09_92; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 71 −24 89
$LAB^*LCH^*_{Ma}$: 71 92 105
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





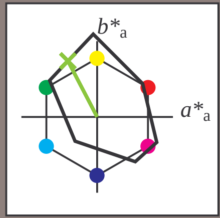
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

$u^*_d = y50l$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data

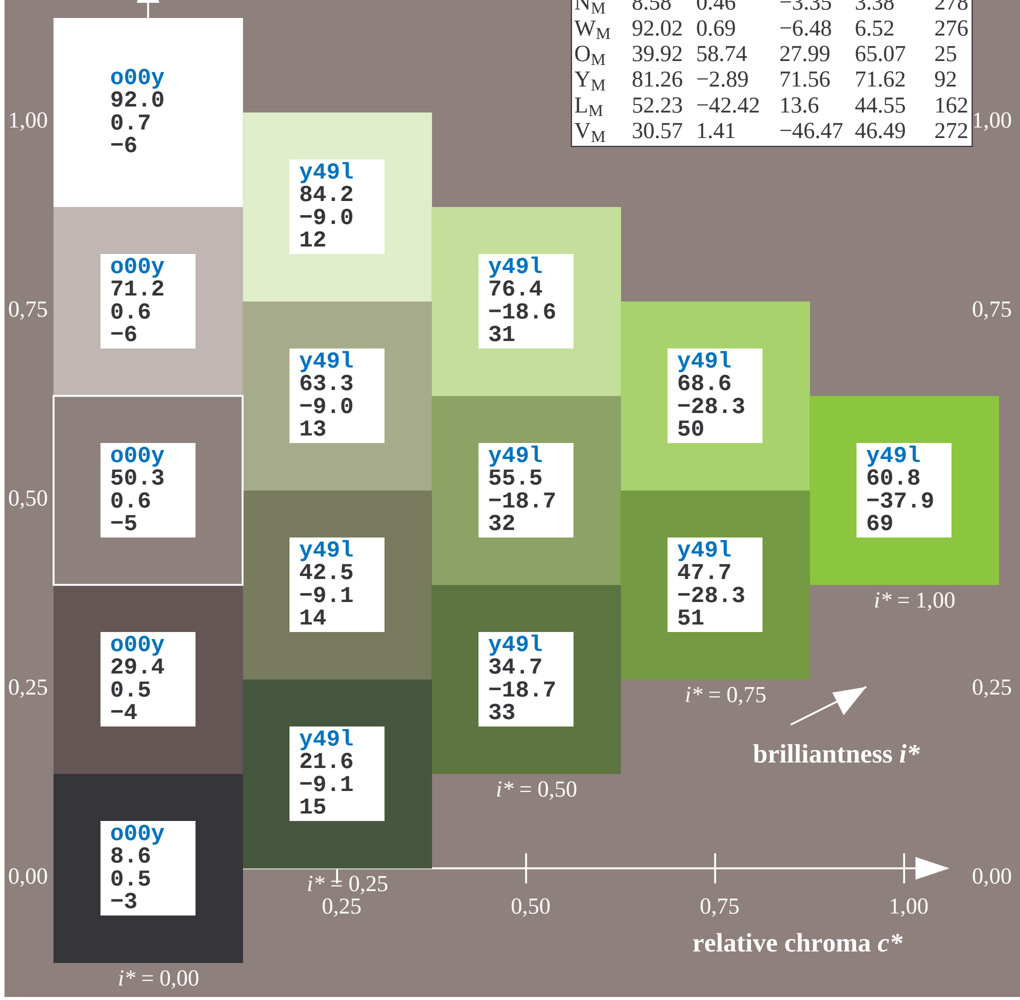
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

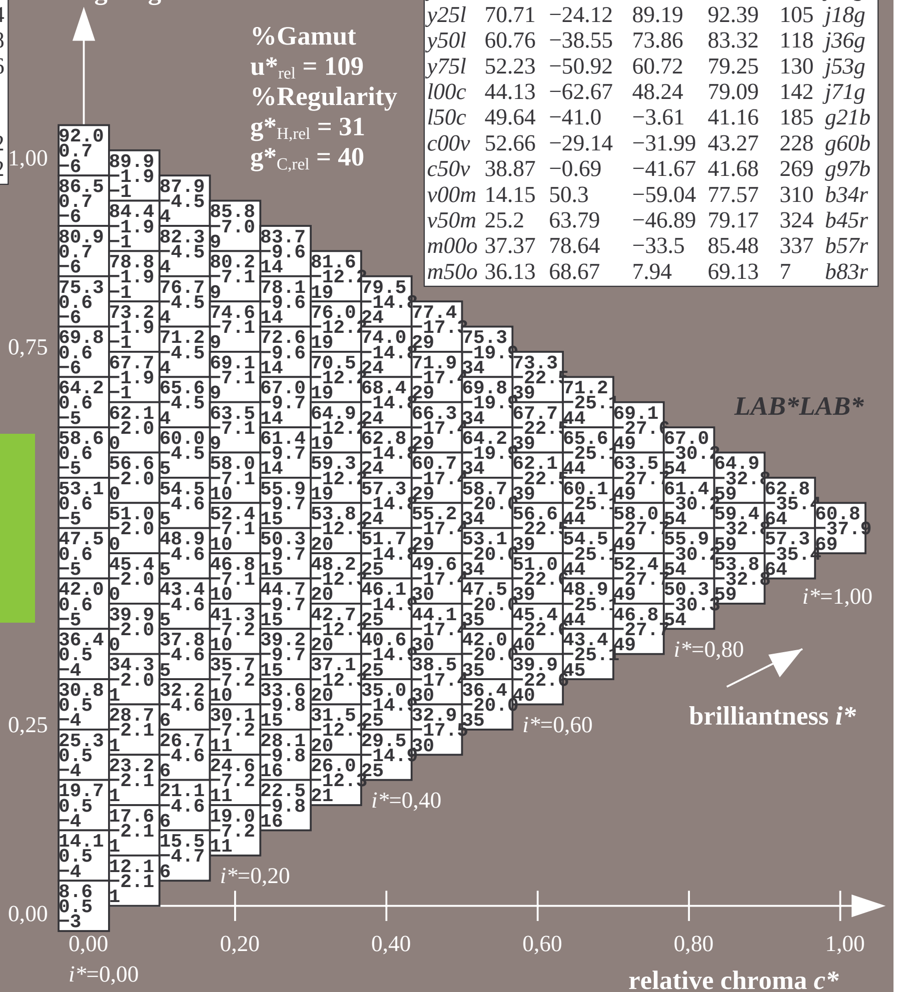
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −39 74
$LAB^*LCH^*_{Ma}$: 61 83 117
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

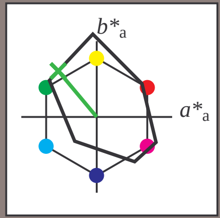
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

$u^*_d = y75l$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

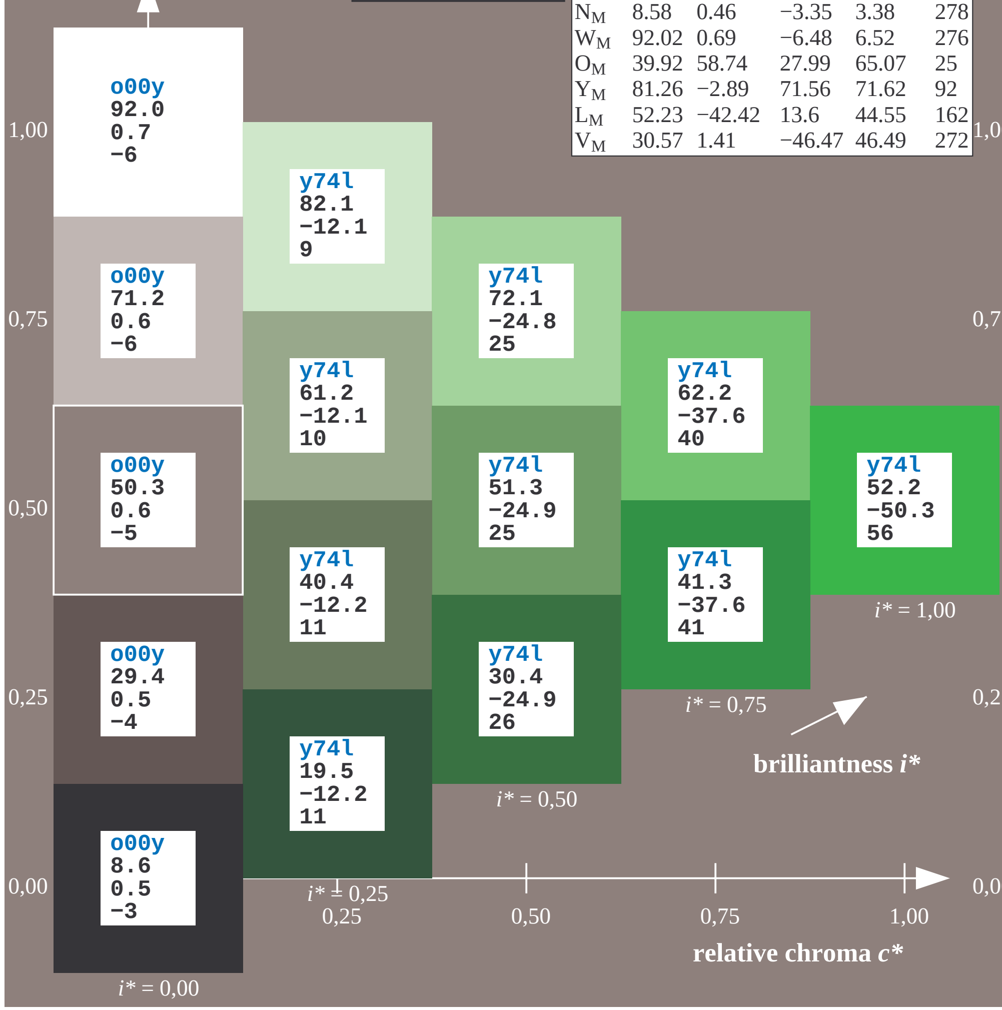


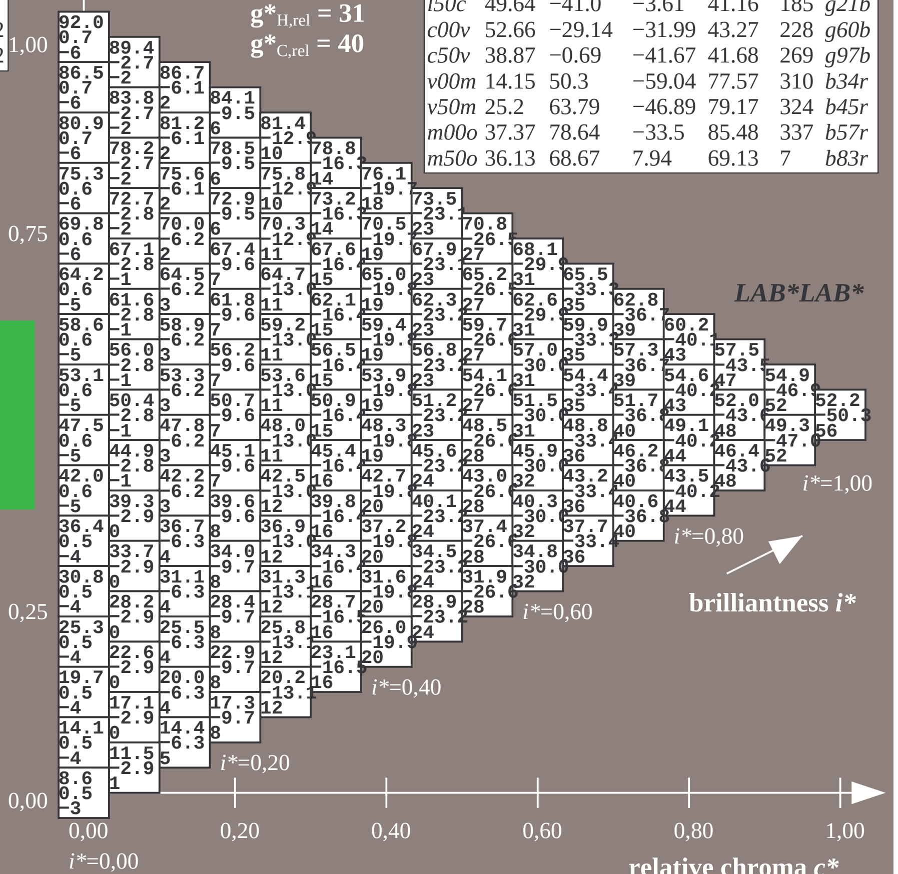
FRS09_92; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 52 −51 61**
***LAB*LCH**$_{Ma}$: 52 79 129**
***lab*olv**$_{Ma}$: 0.25 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.46 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

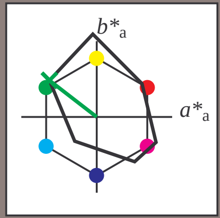
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

u^*_d = *l00c*
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l00c* u^*_e = *j71g*
contrast reduction factor:
c_R = 1.0
triangle lightness t^*



FRS09_92; CIELAB data

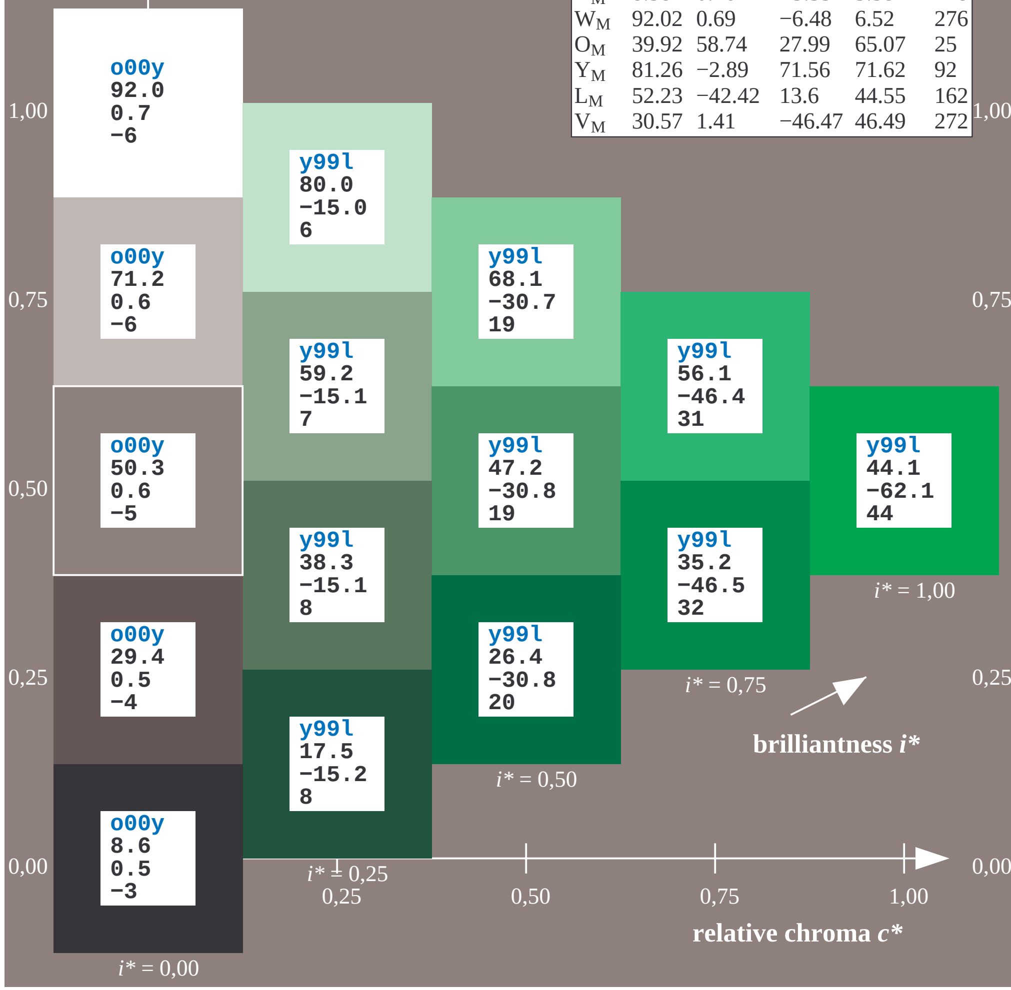
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

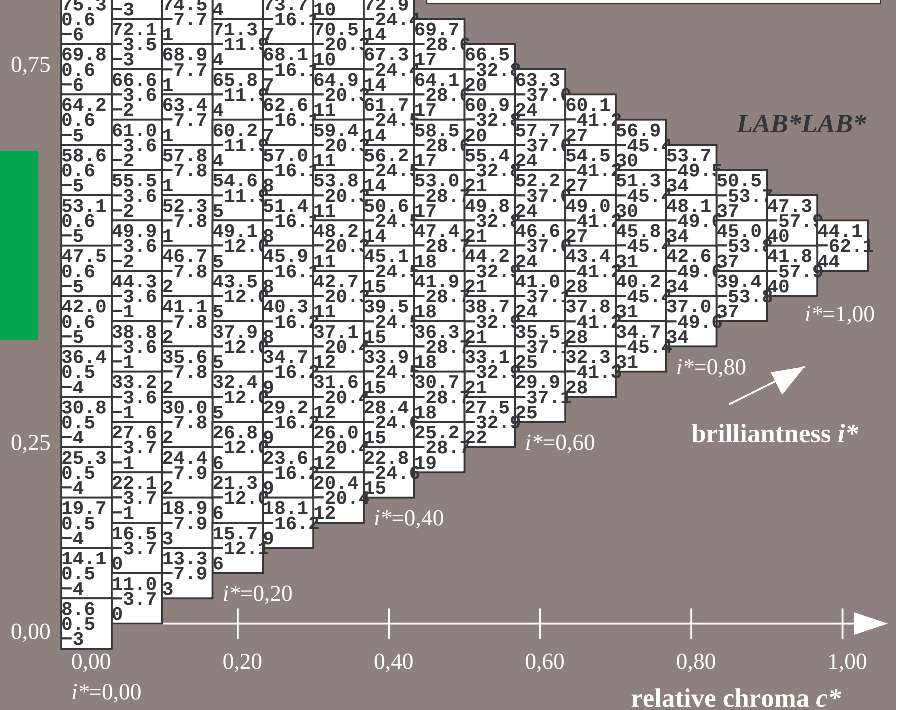
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 44 −63 48
*LAB*LCH**$_{Ma}$: 44 79 142
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.28 1.0 0.0
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$ *u^*_d = l50c*

data for any colour: ***LAB*LAB****

lab*tch** and *lab*icu*

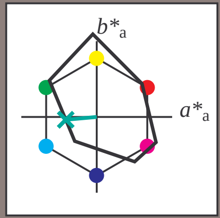
Hue texts:

u^*_d = l50c u^*_e = g21b

contrast reduction factor:

c_R = 1.0

triangle lightness *t**



FRS09_92; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

***LAB*LAB**$_{Ma}$: 50 −41 −4**

***LAB*LCH**$_{Ma}$: 50 41 185**

***lab*olv**$_{Ma}$: 0.0 1.0 0.5**

***lab*rgb**$_{Ma}$: 0.0 1.0 0.42**

triangle lightness *t**

%Gamut

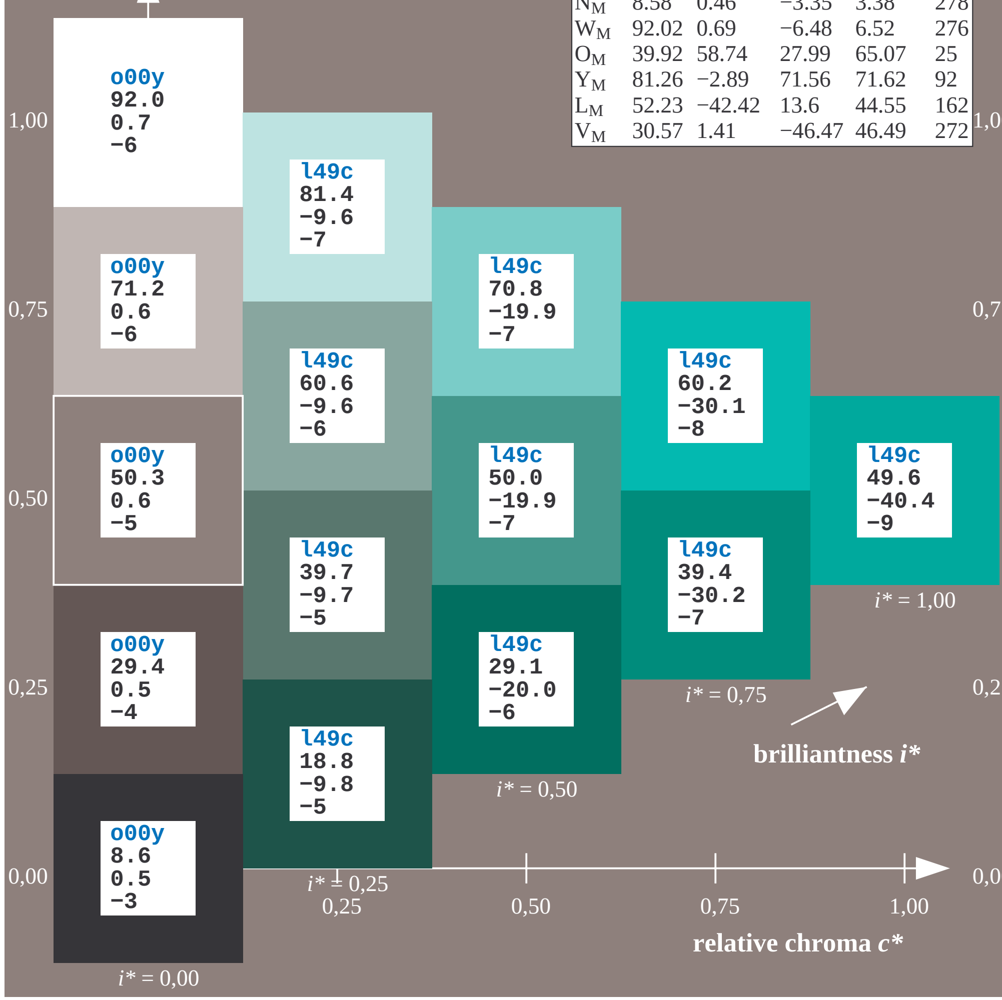
u^*_{rel} = 109

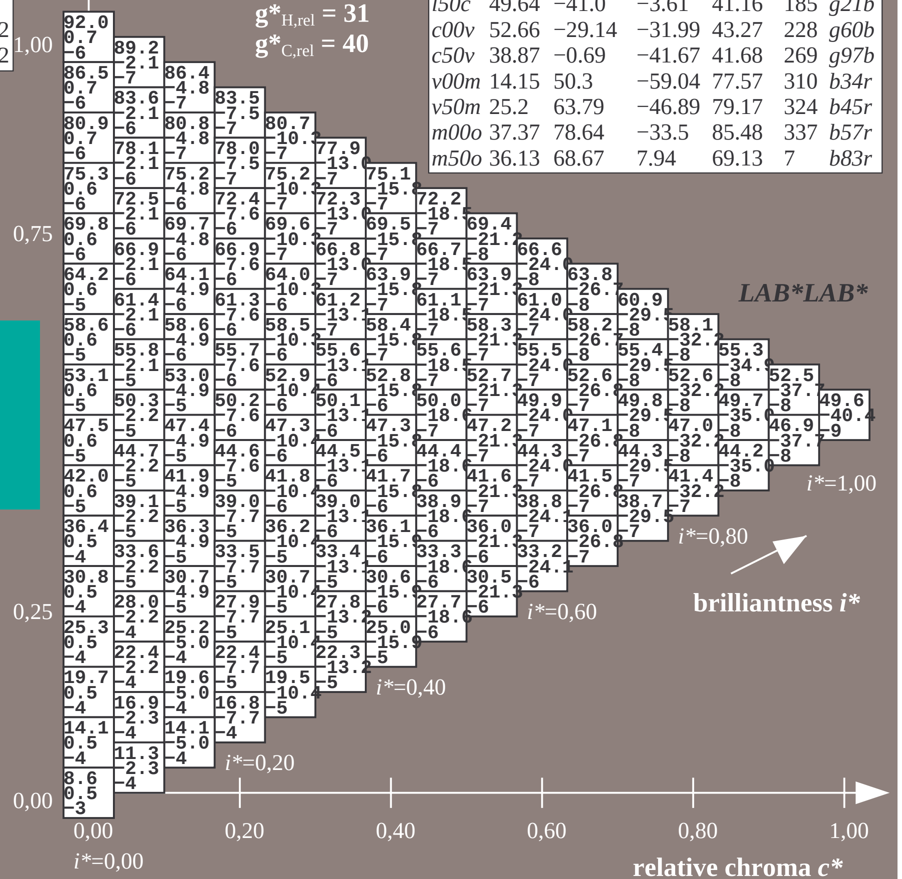
%Regularity

$g^*_{H,rel}$ = 31

$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

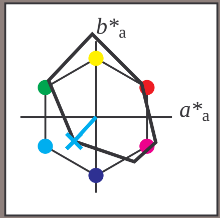
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$
*LAB*LAB**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

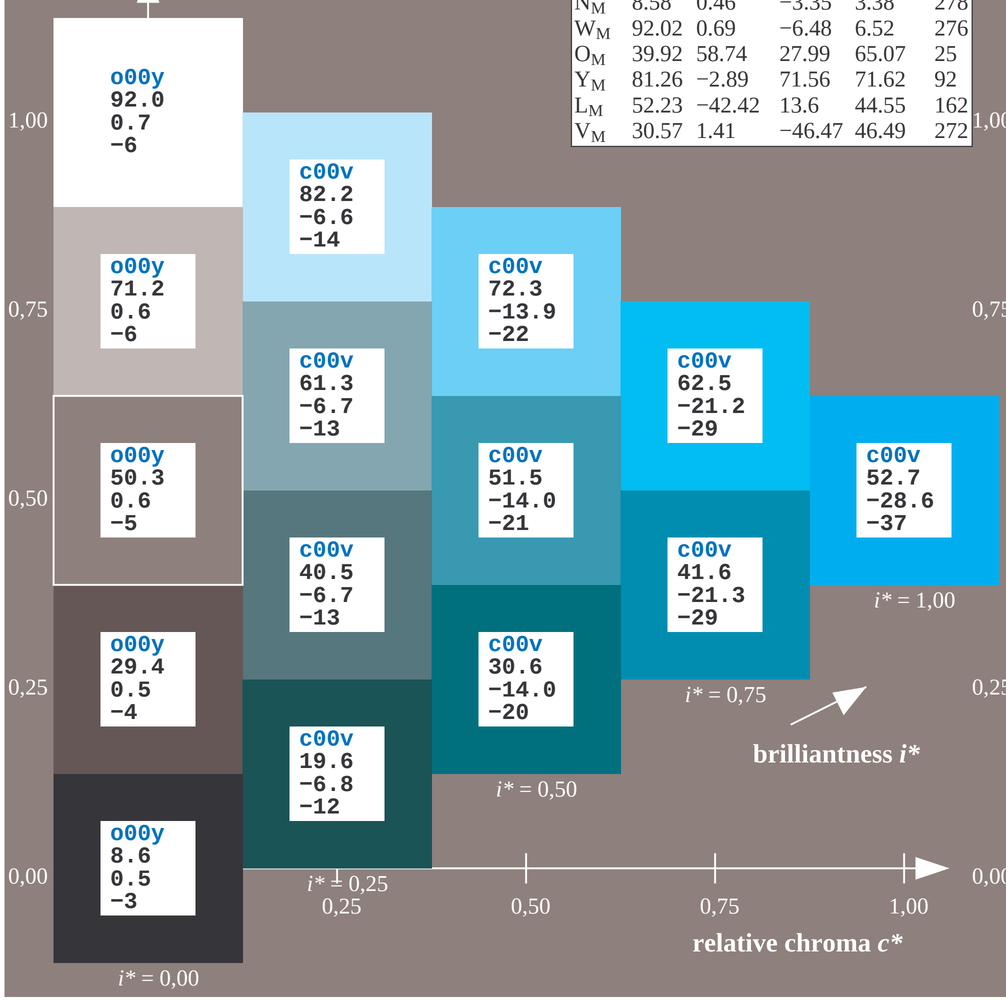


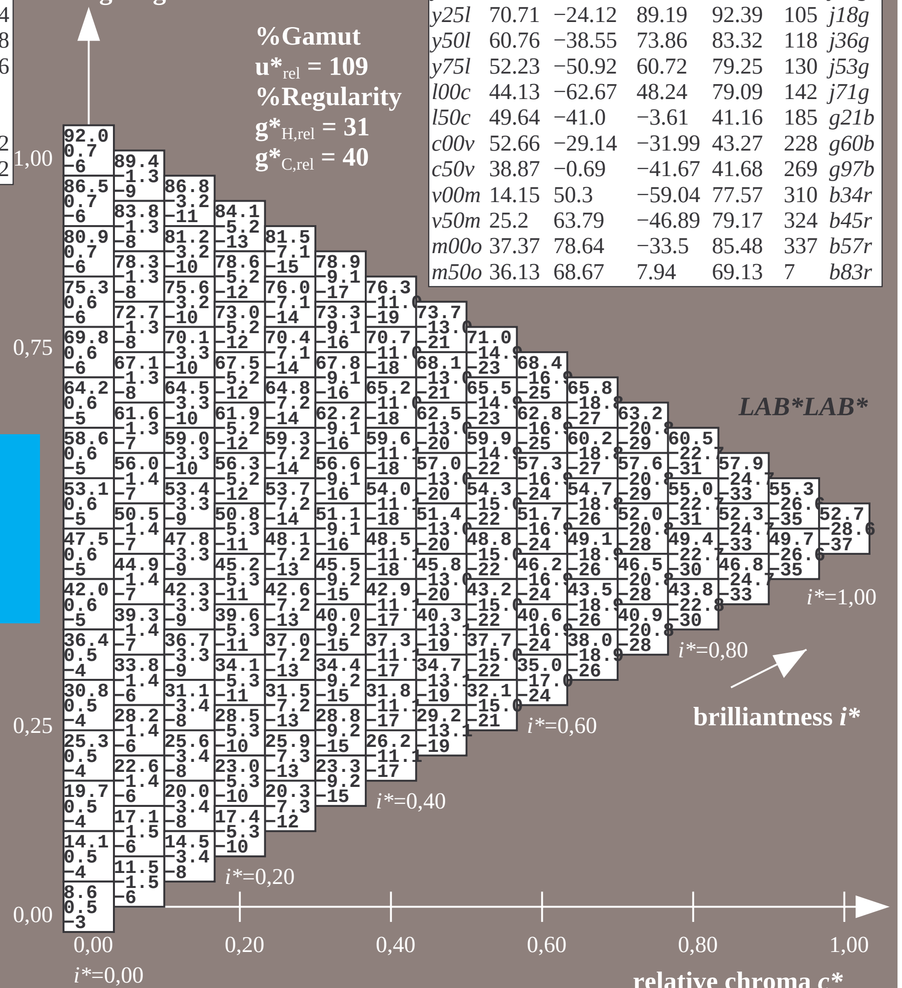
FRS09_92; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 53 −29 −32**
***$LAB^*LCH^*_{Ma}$*: 53 43 227**
***$lab^*olv^*_{Ma}$*: 0.0 1.0 1.0**
***$lab^*rgb^*_{Ma}$*: 0.0 0.8 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$ $u^*_d = c50v$

data for any colour: *LAB*LAB**

*lab*tch** and *lab*icu**

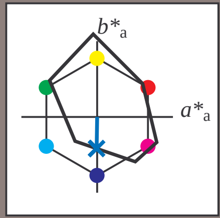
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 −1 −42

$LAB^*LCH^*_{Ma}$: 39 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

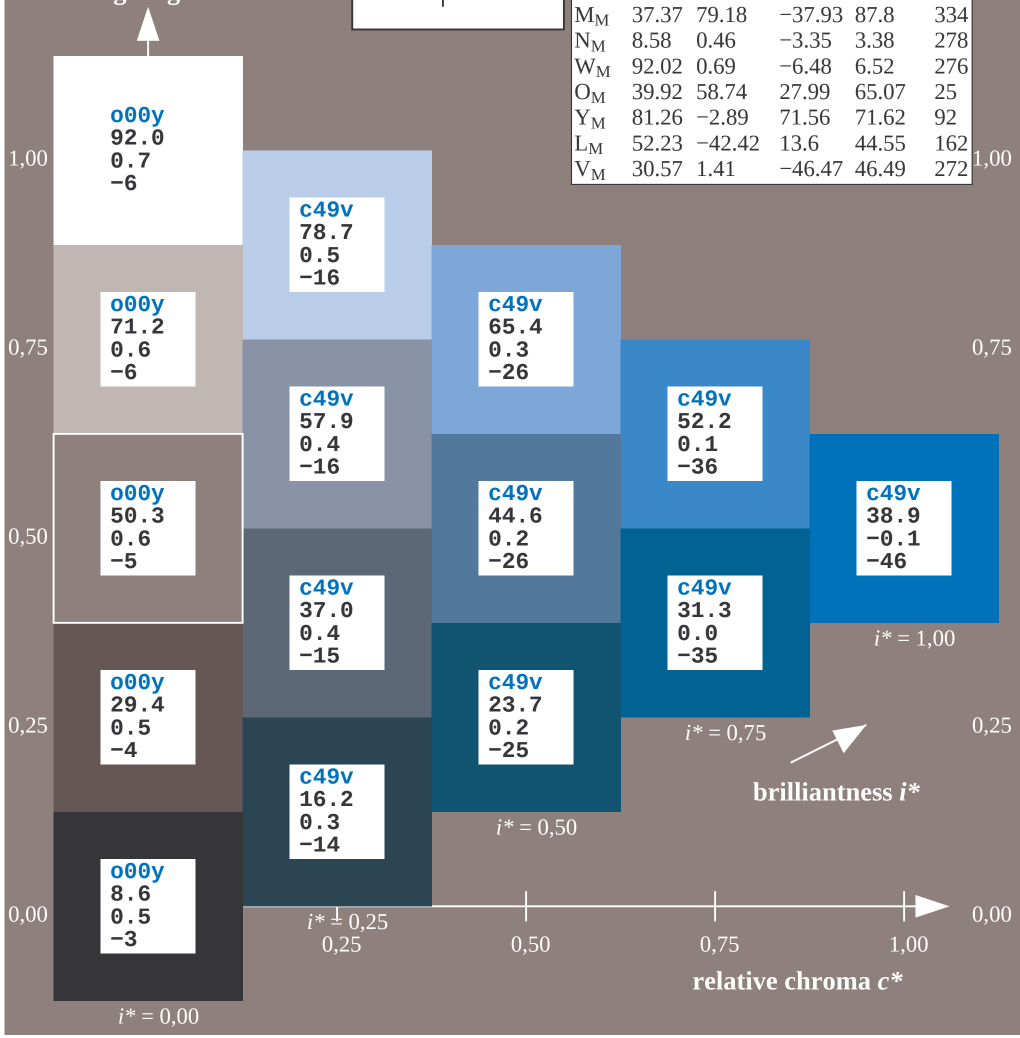
$u^*_{rel} = 109$

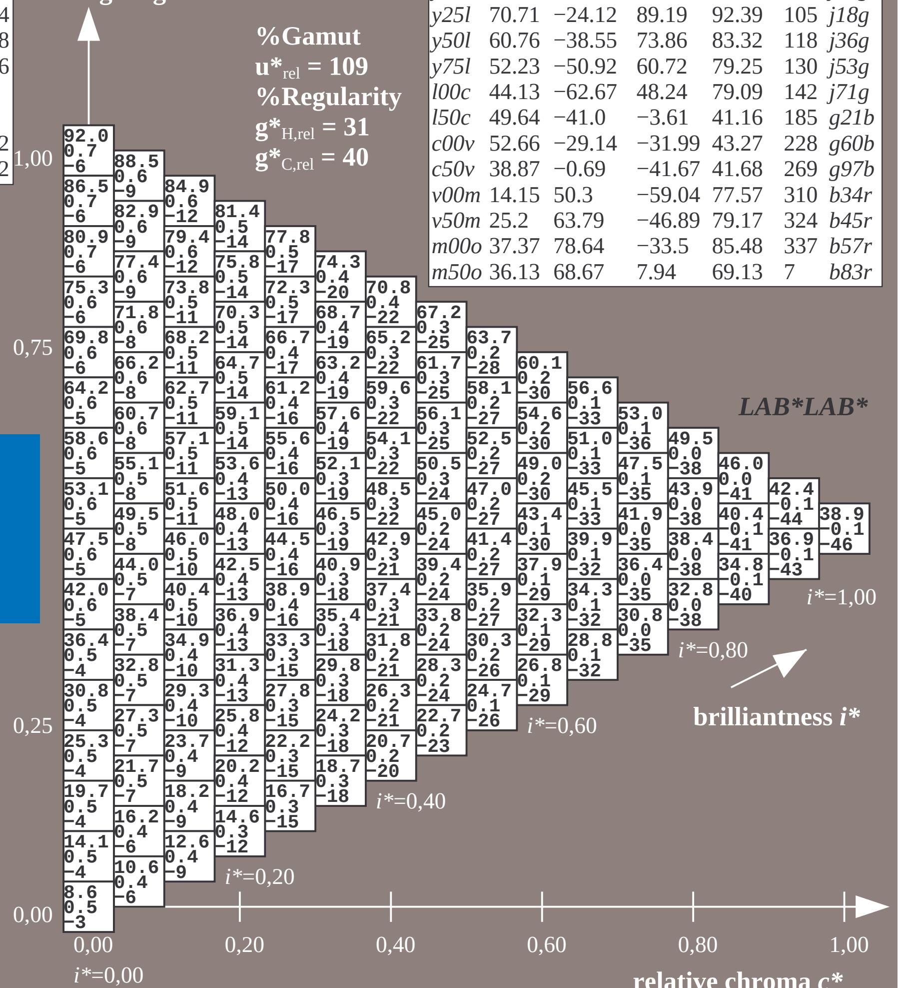
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

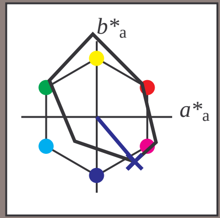
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

$u^*_d = v00m$
*LAB*LAB**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data

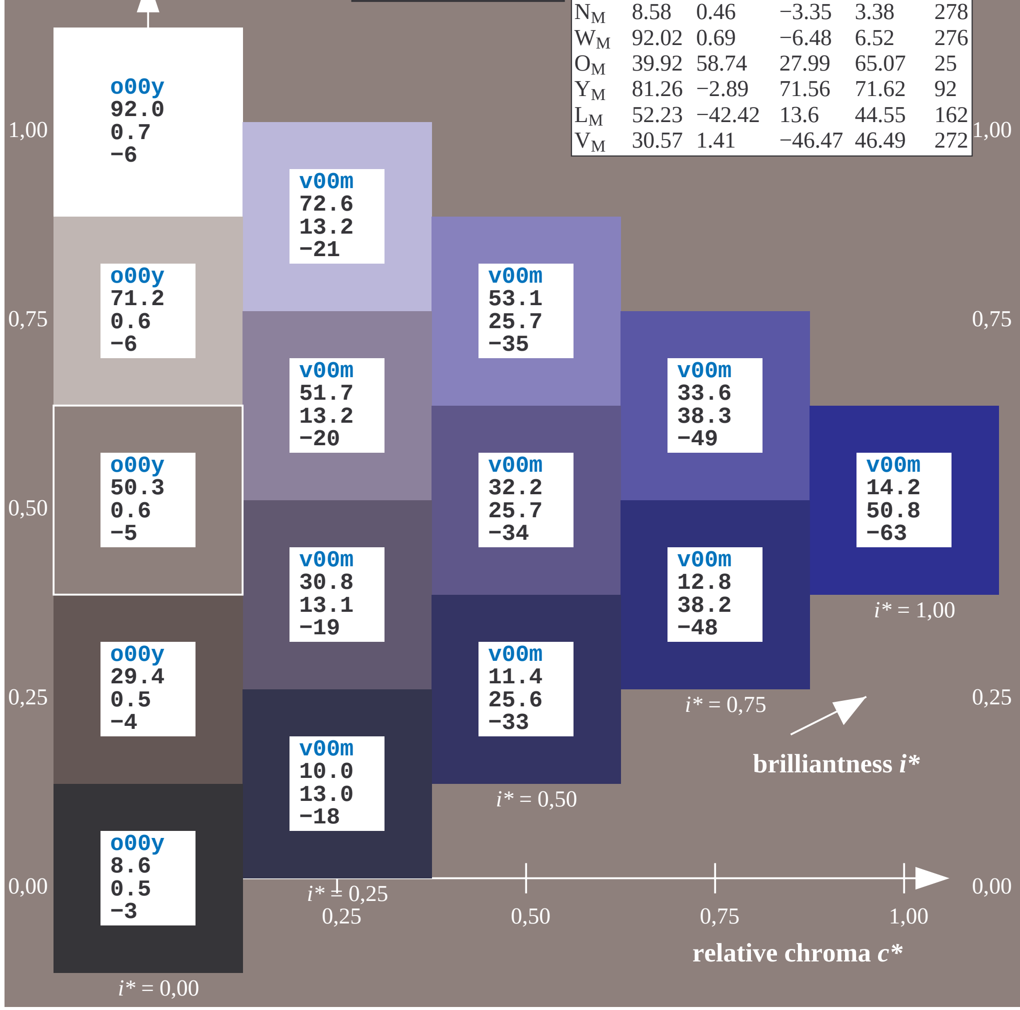
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

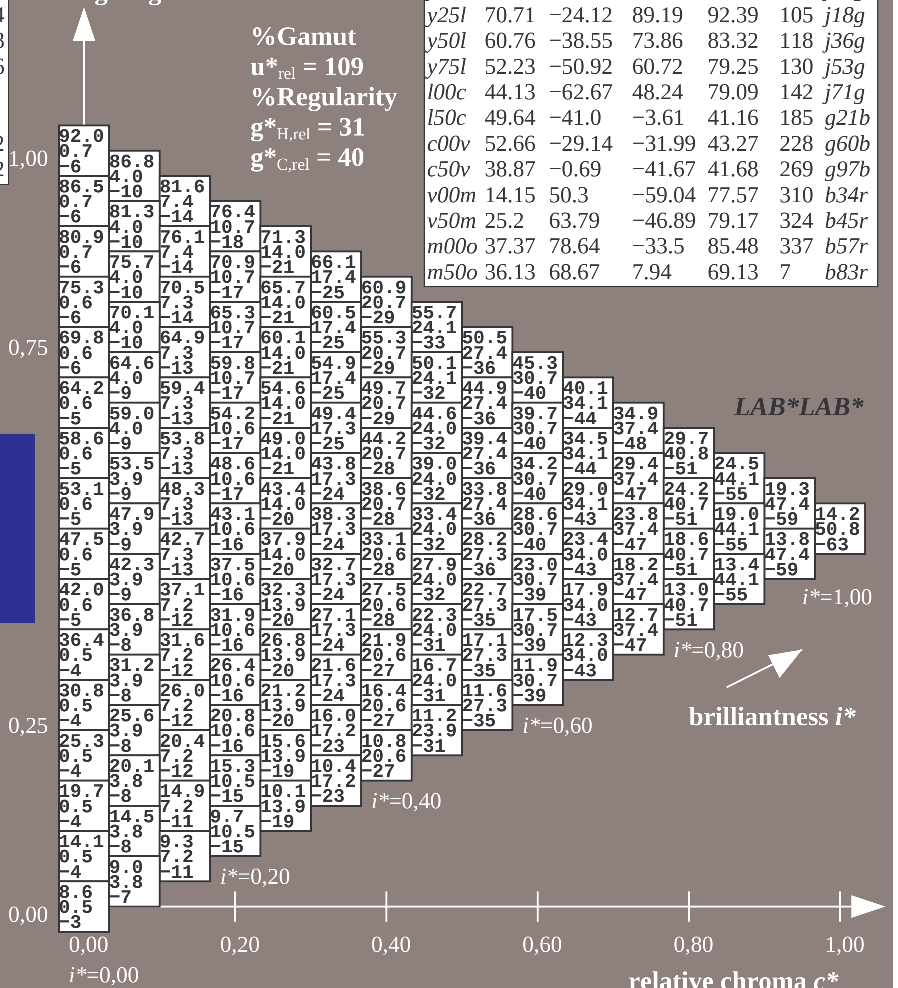
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 14 50 −59**
***LAB*LCH**$_{Ma}$: 14 78 310**
***lab*olv**$_{Ma}$: 0.0 0.0 1.0**
***lab*rgb**$_{Ma}$: 0.68 0.0 1.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

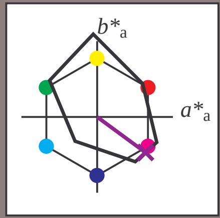
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue h^* = lab^*h^* = $h_{ab}/360$ = 0.899

u^*_d = v50m
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = v50m u^*_e = b45r
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

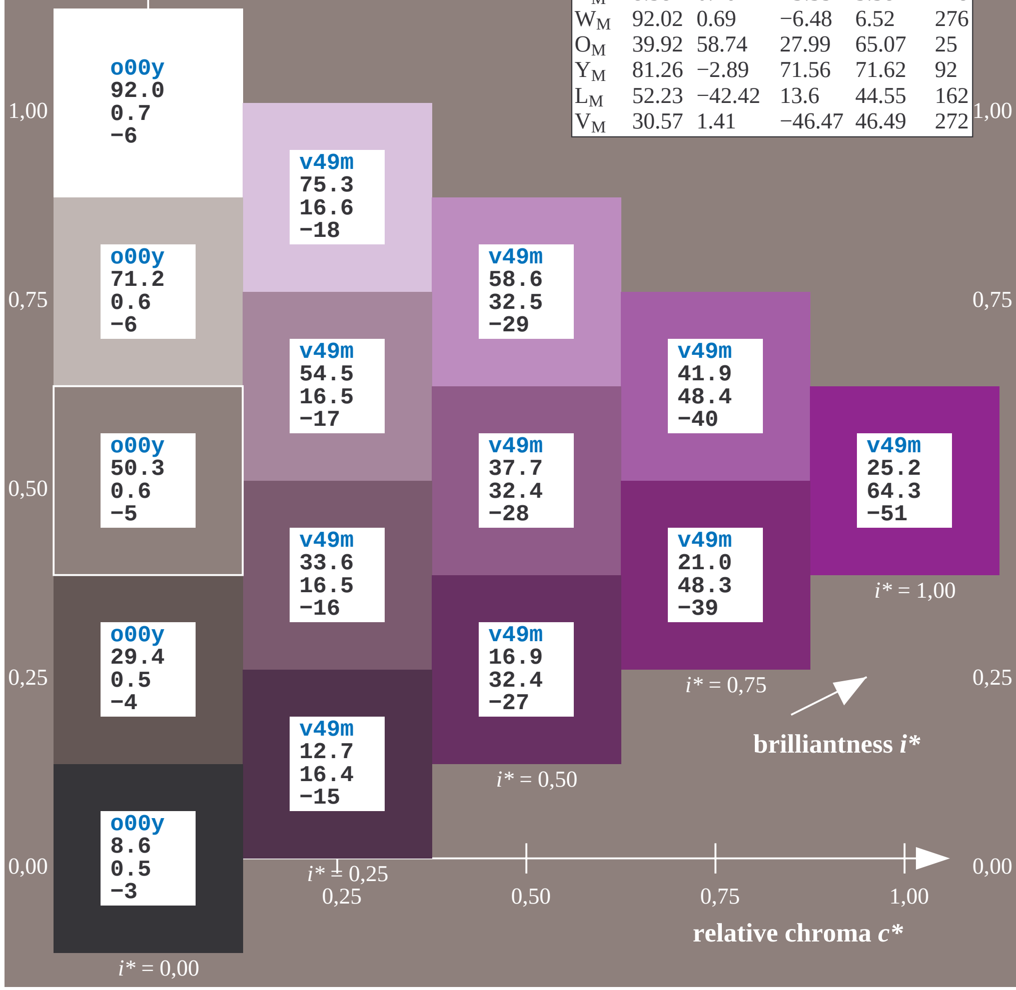


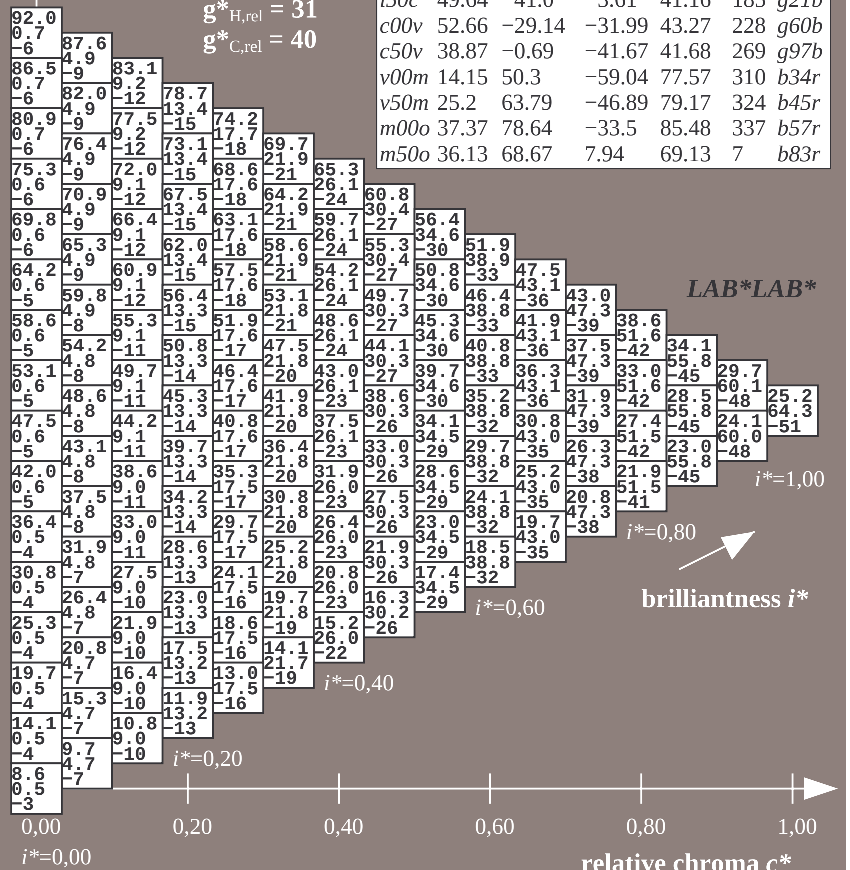
FRS09_92; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 25 64 −47
$LAB^*LCH^*_{Ma}$: 25 79 323
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

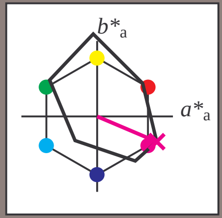
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$
LAB*LAB*

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



FRS09_92; CIELAB data

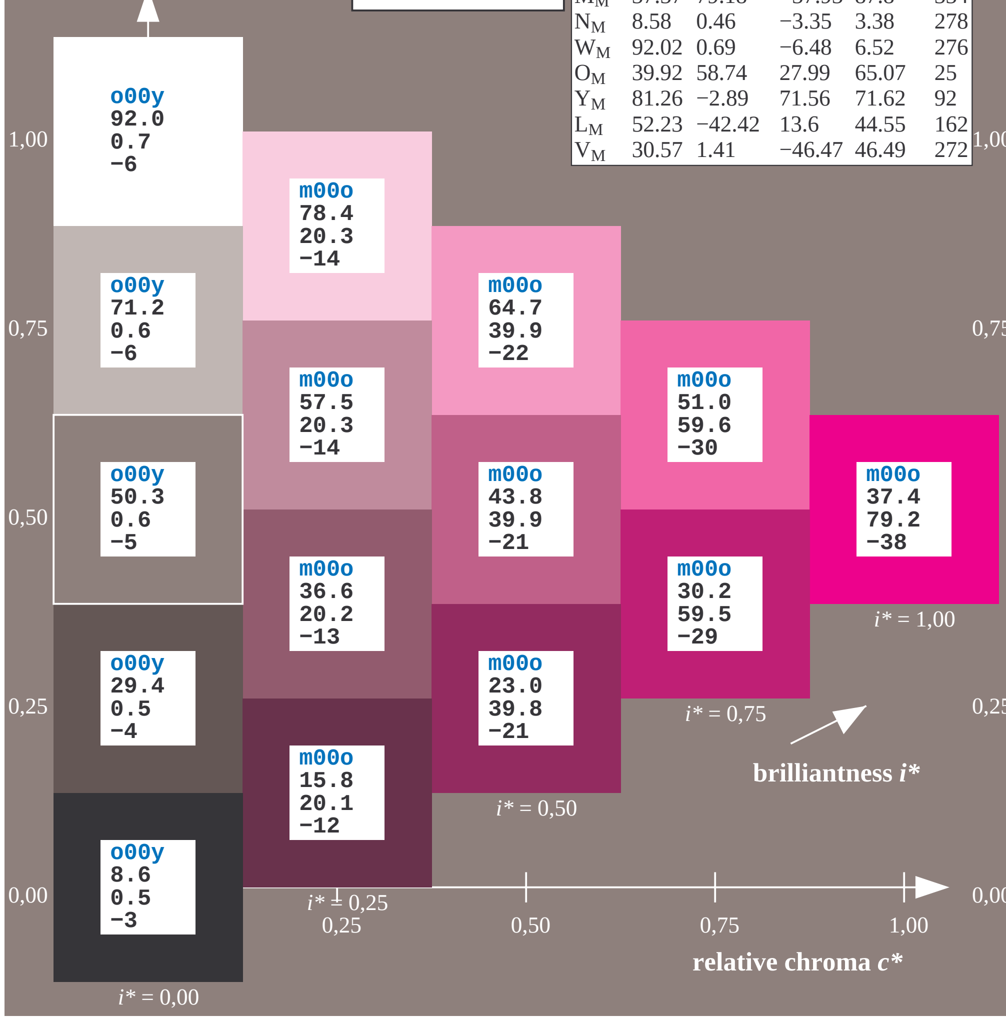
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

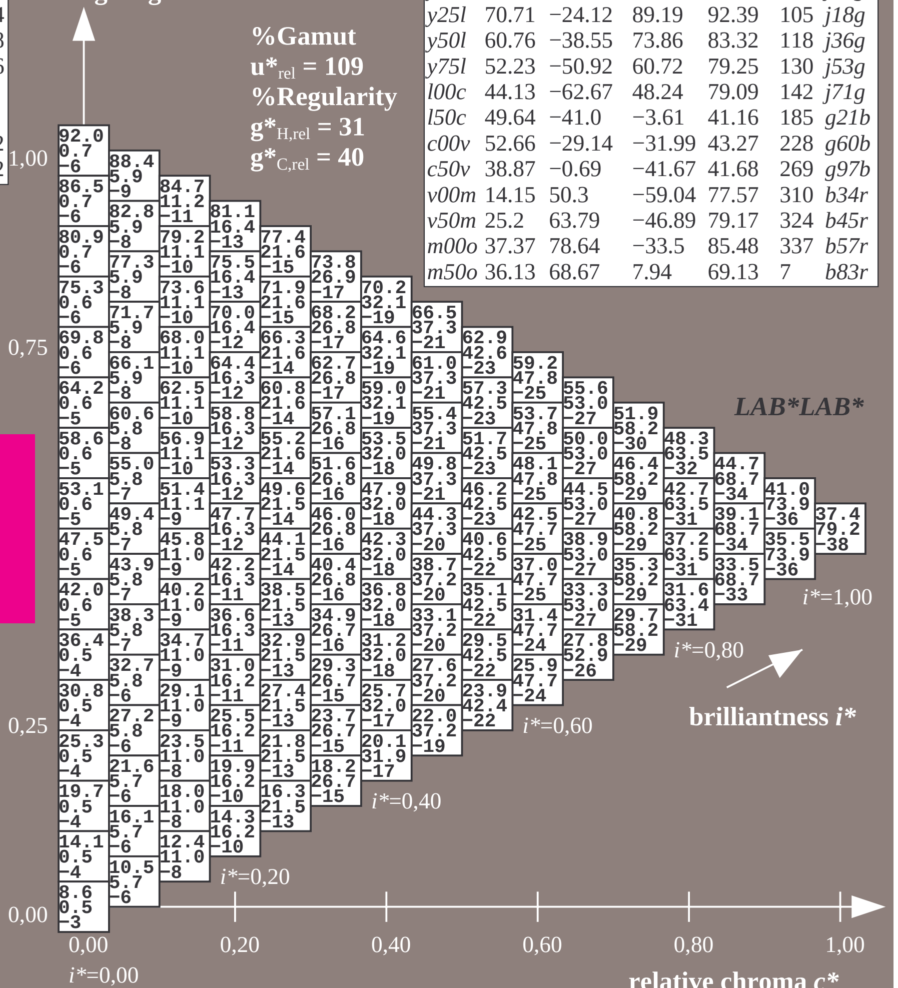
Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 37 79 −34**
***$LAB^*LCH^*_{Ma}$*: 37 85 336**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.85**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

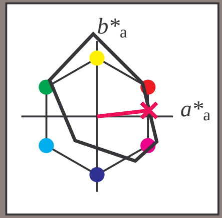
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

u^*_d = m50o
*LAB*LAB**

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
u^*_d = m50o u^*_e = b83r
contrast reduction factor:
c_R = 1.0
triangle lightness t^*

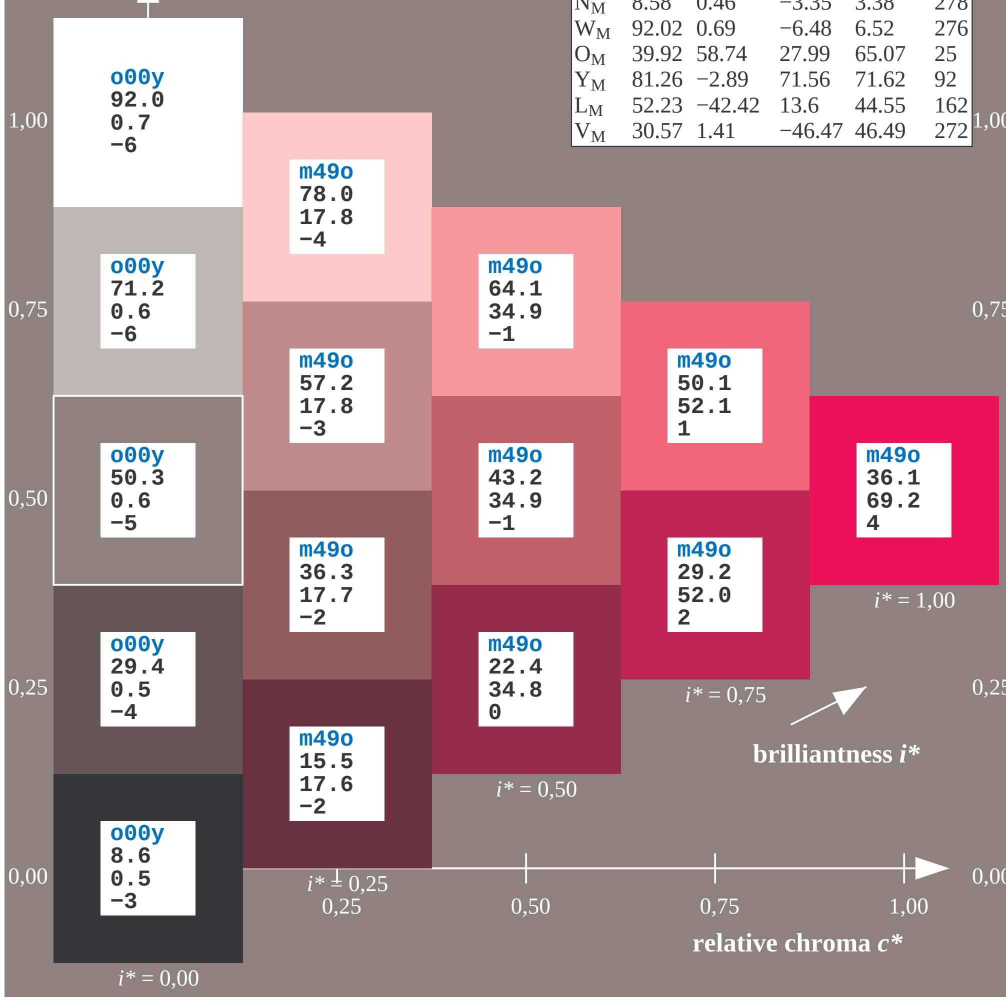


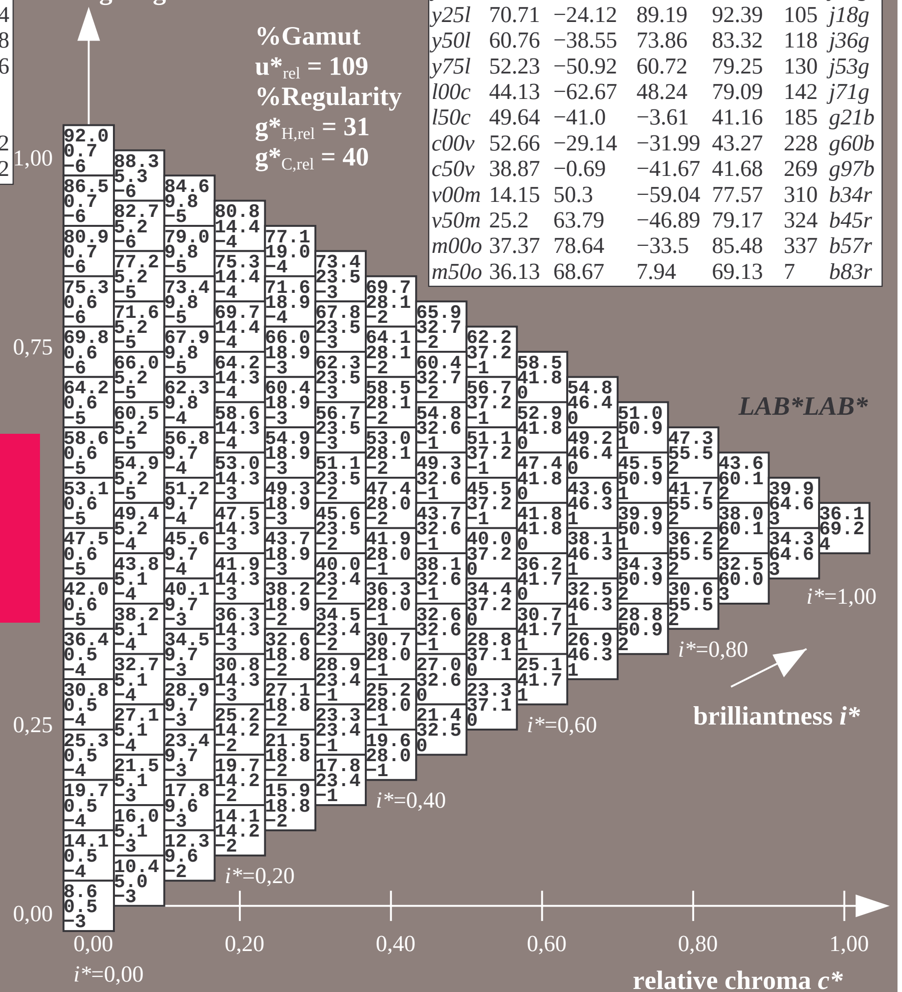
FRS09_92; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 36 69 8
$LAB^*LCH^*_{Ma}$: 36 69 6
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*			
01	8.6 0.5 -3	13.0 -7.4 3	17.5 -15.2 8	21.9 -23.0 14	26.4 -30.8 20	30.8 -38.6 26	35.2 -46.5 32	39.7 -54.3 38	44.1 -62.1 44	11.9 8.0 2	18.0 -0.2 10	21.6 -9.1 15	26.0 -17.1 20	30.4 -24.9 26	34.8 -32.8 32	39.3 -40.6 38	43.7 -48.4 44	48.2 -56.2 50	15.2 15.5 7	20.1 8.9 14	27.4 -0.8 23	30.5 -10.5 27	34.7 -18.7 33	39.0 -26.7 38	43.4 -34.6 44	47.8 -42.5 50	52.2 -50.3 56	92.0 0.7 -6	84.9 8.2 -1	77.8 15.7 5	70.7 23.1 11	63.5 30.6 17	56.4 38.1 22	49.3 45.6 28	42.2 53.1 34	35.1 60.5 40	8.6 0.5 -3	8.6 0.5 -3	8.6 0.5 -3	8.6 0.5 -3	8.6 0.5 -3
02	9.3 6.8 -11	14.1 -3.2 -8	18.8 -9.8 -5	23.5 -16.6 -1	28.2 -23.7 3	32.7 -31.0 8	37.3 -38.4 12	41.8 -45.9 17	46.3 -53.4 23	12.2 10.3 -8	19.0 0.5 -4	23.5 -7.3 2	27.9 -15.2 8	32.3 -23.0 14	36.8 -30.8 20	41.2 -38.6 26	45.7 -46.4 31	50.1 -54.3 37	15.5 17.6 -2	22.3 8.0 2	28.4 -0.1 10	32.1 -9.1 14	36.4 -17.1 20	40.8 -24.9 26	45.3 -32.7 32	49.7 -40.6 38	54.2 -48.4 43	87.1 -3.0 -10	81.6 0.7 -6	74.5 8.1 0	67.4 15.6 5	60.2 23.1 11	53.1 30.6 17	46.0 38.1 23	38.9 45.5 29	31.7 53.0 34	19.0 0.5 -4	19.0 0.5 -4	19.0 0.5 -4	19.0 0.5 -4	19.0 0.5 -4
03	10.0 13.0 -18	16.2 0.3 -14	19.6 -6.8 -12	24.4 -13.4 -9	29.1 -20.0 -6	33.8 -26.7 -3	38.5 -33.6 1	43.1 -40.7 5	47.8 -47.8 9	12.7 16.4 -15	19.7 6.8 -11	24.5 -3.1 -8	29.3 -9.7 -5	34.0 -16.6 -2	38.6 -23.7 3	43.2 -30.9 7	47.7 -38.3 12	52.3 -45.8 17	15.8 20.1 -12	22.6 10.3 -8	29.4 0.5 -4	33.9 -7.3 2	38.3 -15.1 8	42.8 -22.9 13	47.2 -30.8 19	51.7 -38.6 25	56.1 -46.4 31	82.2 -6.6 -14	76.7 -3.0 -10	71.2 0.6 -6	64.0 8.1 0	56.9 15.6 6	49.8 23.1 12	42.7 30.6 17	35.6 38.0 23	28.4 45.5 29	29.4 0.5 -4	29.4 0.5 -4	29.4 0.5 -4	29.4 0.5 -4	29.4 0.5 -4
04	10.7 19.3 -26	17.9 4.4 -21	21.7 -3.3 -18	25.1 -10.4 -16	29.8 -17.1 -13	34.6 -23.6 -10	39.4 -30.2 -7	44.1 -36.9 -4	48.8 -43.8 0	13.4 22.7 -23	20.4 13.1 -19	26.6 0.3 -14	30.0 -6.8 -12	34.8 -13.4 -9	39.5 -20.0 -6	44.3 -26.7 -3	48.9 -33.6 1	53.6 -40.7 5	16.3 26.2 -20	23.2 16.4 -16	30.1 6.8 -12	34.9 -3.1 -8	39.7 -9.7 -5	44.4 -16.5 -2	49.0 -23.6 2	53.6 -30.9 7	58.2 -38.3 12	77.3 -10.3 -18	71.7 -6.7 -14	66.2 -3.0 -10	60.7 0.6 -5	53.6 8.1 0	46.5 15.6 6	39.4 23.0 12	32.3 30.5 18	25.1 38.0 24	39.9 0.5 -5	39.9 0.5 -5	39.9 0.5 -5	39.9 0.5 -5	39.9 0.5 -5
05	11.4 25.6 -33	19.4 9.1 -28	23.7 0.2 -25	27.1 -6.8 -23	30.6 -14.0 -20	35.3 -20.8 -17	40.1 -27.3 -14	44.9 -33.8 -11	49.6 -40.4 -9	14.1 29.0 -30	21.1 19.4 -26	28.4 4.4 -21	32.1 -3.3 -19	35.5 -10.4 -16	40.3 -17.1 -13	45.1 -23.6 -11	49.8 -30.2 -8	54.5 -36.9 -4	16.9 32.4 -27	23.8 22.7 -23	30.8 13.1 -19	37.0 0.4 -15	40.5 -6.7 -13	45.2 -13.4 -10	50.0 -19.9 -7	54.7 -26.7 -3	59.4 -33.6 0	72.3 -13.9 -22	66.8 -10.3 -18	61.3 -6.7 -13	55.8 -3.1 -9	50.3 0.6 -5	43.2 8.1 1	36.1 15.5 7	28.9 23.0 12	21.8 30.5 18	50.3 0.6 -5	50.3 0.6 -5	50.3 0.6 -5	50.3 0.6 -5	50.3 0.6 -5
06	12.1 31.9 -40	20.7 14.1 -35	25.6 4.0 -31	29.3 -3.5 -29	32.6 -10.3 -27	36.1 -17.7 -24	40.8 -24.4 -21	45.6 -31.0 -18	50.4 -37.5 -16	14.8 35.3 -37	21.8 25.6 -33	29.8 9.1 -28	34.2 0.2 -25	37.5 -6.8 -23	41.0 -14.0 -21	45.8 -20.7 -17	50.6 -27.2 -15	55.3 -33.8 -12	17.6 38.6 -35	24.5 29.0 -30	31.5 19.4 -26	38.8 4.4 -22	42.5 -3.2 -19	46.0 -10.4 -17	50.7 -17.0 -14	55.5 -23.5 -11	60.2 -30.1 -8	67.4 -17.6 -26	61.9 -14.0 -21	56.4 -10.3 -17	50.9 -6.7 -13	45.4 -3.1 -9	39.9 0.5 -5	32.8 8.0 1	25.6 15.5 7	18.5 23.0 13	60.7 0.6 -5	60.7 0.6 -5	60.7 0.6 -5	60.7 0.6 -5	60.7 0.6 -5
07	12.8 38.2 -48	21.8 19.5 -42	27.3 8.3 -38	31.3 0.0 -35	34.7 -7.1 -33	38.0 -13.9 -31	41.6 -21.3 -29	46.3 -28.1 -25	51.1 -34.6 -22	15.5 41.5 -45	22.5 31.9 -41	31.1 14.2 -35	36.0 4.1 -32	39.7 -3.5 -29	43.0 -10.3 -27	46.6 -17.6 -25	51.3 -24.4 -21	56.0 -30.9 -19	18.2 44.9 -42	25.2 35.3 -38	32.2 25.7 -34	40.3 9.1 -28	44.6 0.2 -26	48.0 -6.8 -23	51.5 -14.0 -21	56.2 -20.7 -18	61.0 -27.2 -15	62.5 -21.2 -29	57.0 -17.6 -25	51.5 -14.0 -21	46.0 -10.4 -17	40.5 -6.7 -13	34.9 -3.1 -8	29.4 0.5 -4	22.3 8.0 2	15.2 15.5 7	71.2 0.6 -6	71.2 0.6 -6	71.2 0.6 -6	71.2 0.6 -6	71.2 0.6 -6
08	13.5 44.5 -55	22.9 25.1 -49	28.8 12.8 -45	33.2 3.8 -42	36.8 -3.7 -40	40.2 -10.6 -37	43.5 -17.4 -35	47.1 -24.9 -33	51.8 -31.7 -29	16.2 47.8 -52	23.2 38.2 -48	32.3 19.5 -42	37.7 8.3 -39	41.7 0.0 -36	45.2 -7.0 -34	48.5 -13.9 -31	52.1 -21.3 -29	56.8 -28.1 -26	18.9 51.2 -49	25.9 41.6 -45	32.9 32.0 -41	41.5 14.2 -35	46.5 4.1 -32	50.1 -3.5 -30	53.4 -10.3 -28	57.0 -17.6 -25	61.7 -24.4 -22	57.6 -24.9 -33	52.1 -21.3 -29	46.6 -17.6 -25	41.0 -14.0 -21	35.5 -10.4 -16	30.0 -6.8 -12	24.5 -3.1 -8	19.0 0.5 -4	11.9 8.0 2	81.6 0.7 -6	81.6 0.7 -6	81.6 0.7 -6	81.6 0.7 -6	81.6 0.7 -6
09	14.2 50.8 -63	23.9 30.8 -56	30.2 17.7 -52	35.0 7.9 -49	38.9 -0.1 -46	42.3 -7.3 -44	45.6 -14.1 -42	49.0 -21.0 -39	52.7 -28.6 -37	16.9 54.1 -60	23.9 44.5 -56	33.3 25.1 -49	39.2 12.9 -45	43.6 3.8 -42	47.3 -3.7 -40	50.6 -10.5 -38	53.9 -17.4 -36	57.6 -24.9 -33	19.6 57.5 -57	26.6 47.9 -53	33.6 38.3 -49	42.7 19.6 -43	48.1 8.3 -39	52.2 0.1 -36	55.6 -7.0 -34	58.9 -13.8 -32	62.5 -21.2 -29	52.7 -28.6 -37	47.1 -24.9 -33	41.6 -21.3 -29	36.1 -17.7 -24	30.6 -14.0 -20	25.1 -10.4 -16	19.6 -6.8 -12	14.1 -3.2 -8	8.6 0.5 -3	92.0 0.7 -6	92.0 0.7 -6	92.0 0.7 -6	92.0 0.7 -6	92.0 0.7 -6
10	18.5 23.0 13	23.3 16.5 19	28.8 9.3 26	36.8 -1.4 37	39.6 -11.5 40	43.5 -20.1 45	47.7 -28.3 51	52.0 -36.4 56	56.4 -44.3 62	21.8 30.5 18	26.6 24.1 24	31.7 17.3 31	37.7 9.3 39	46.2 -2.0 50	48.8 -12.4 53	52.5 -21.4 58	56.5 -29.8 63	60.8 -37.9 69	25.1 38.0 24	29.9 31.6 30	34.8 25.0 36	40.3 17.8 43	46.8 9.1 52	55.6 -2.6 63	58.1 -13.3 66	61.6 -22.5 71	65.5 -31.1 76	92.0 0.7 -6	91.0 0.0 7	90.0 -0.6 21	88.9 -1.3 35	87.9 -1.9 48	86.9 -2.6 62	85.8 -3.2 76	84.8 -3.9 89	83.8 -4.5 103	8.6 0.5 -3	8.6 0.5 -3	8.6 0.5 -3	8.6 0.5 -3	8.6 0.5 -3
11	18.8 25.2 4	25.6 15.5 7	30.6 8.9 13	37.8 -0.8 23	41.0 -10.4 27	45.1 -18.7 32	49.4 -26.7 38	53.8 -34.6 44	58.2 -42.5 49	22.1 32.7 9	28.9 23.0 12	33.8 16.6 19	39.2 9.3 26	47.2 -1.4 36	50.1 -11.5 40	54.0 -20.1 45	58.1 -28.3 50	62.5 -36.3 56	25.4 40.3 14	32.3 30.5 18	37.1 24.1 24	42.1 17.4 31	48.1 9.3 38	56.6 -2.0 50	59.3 -12.4 53	62.9 -21.3 57	67.0 -29.8 63	82.3 7.0 -13	81.6 0.7 -6	80.6 0.0 8	79.5 -0.6 21	78.5 -1.3 35	77.5 -1.9 49	76.4 -2.6 62	75.4 -3.2 76	74.4 -3.9 90	14.1 0.5 -4	14.1 0.5 -4	14.1 0.5 -4	14.1 0.5 -4	14.1 0.5 -4
12	19.0 27.3 -5	25.9 17.7 -2	32.8 8.0 1	38.8 -0.1 9	42.5 -9.1 14	46.8 -17.0 20	51.3 -24.9 25	55.7 -32.7 31	60.1 -40.5 37	22.4 34.8 0	29.2 25.2 3	36.1 15.5 7	41.0 9.0 13	48.2 -0.7 22	51.4 -10.4 26	55.5 -18.7 32	59.9 -26.7 38	64.2 -34.6 43	25.7 42.4 5	32.5 32.8 8	39.4 23.0 12	44.2 16.6 18	49.6 9.3 25	57.6 -1.3 36	60.5 -11.5 39	64.4 -20.1 44	68.6 -28.3 50	72.6 13.2 -21	71.9 6.9 -13	71.2 0.6 -6	70.1 0.0 8	69.1 -0.7 22	68.1 -1.3 35	67.0 -2.0 49	66.0 -2.6 63	65.0 -3.3 77	19.7 0.5 -4	19.7 0.5 -4	19.7 0.5 -4	19.7 0.5 -4	19.7 0.5 -4
13	19.4 30.0 -16	26.2 20.2 -12	33.0 10.4 -8	39.9 0.5 -5	44.3 -7.3 1	48.8 -15.1 7	53.2 -22.9 13	57.6 -30.7 19	62.1 -38.6 25	22.6 37.1 -9	29.5 27.4 -6	36.3 17.7 -2	43.2 8.1 1	49.3 -0.1 9	52.9 -9.1 13	57.3 -17.0 19	61.7 -24.9 25	66.1 -32.7 31	25.9 44.5 -3	32.8 34.9 0	39.6 25.3 3	46.5 15.6 6	51.4 9.0 13	58.7 -0.7 22	61.8 -10.4 26	66.0 -18.7 31	70.3 -26.7 37	62.8 19.5 -28	62.1 13.2 -20	61.4 6.9 -13	60.7 0.6 -5	59.7 0.0 8	58.7 -0.7 22	57.6 -1.3 36	56.6 -2.0 50	55.6 -2.6 63	25.3 0.5 -4	25.3 0.5 -4	25.3 0.5 -4	25.3 0.5 -4	25.3 0.5 -4
14	19.8 36.0 -24	26.7 26.2 -20	33.6 16.5 -16	40.6 6.8 -12	45.4 -3.1 -9	50.1 -9.7 -6	54.8 -16.5 -2	59.5 -23.6 2	64.0 -30.9 6	23.0 39.8 -21	29.8 30.0 -17	36.6 20.2 -13	43.5 10.4 -9	50.3 0.6 -5	54.7 -7.2 1	59.2 -15.1 7	63.6 -22.9 13	68.1 -30.7 19	26.2 46.8 -13	33.1 37.1 -10	39.9 27.4 -6	46.8 17.7 -3	53.6 8.1 0	59.7 0.0 8	63.3 -9.0 13	67.7 -17.0 19	72.1 -24.8 25	53.1 25.7 -35	52.4 19.4 -27	51.7 13.2 -20	51.0 6.9 -12	50.3 0.6 -5	49.3 -0.1 9	48.2 -0.7 22	47.2 -1.4 36	46.2 -2.0 50	30.8 0.5 -4	30.8 0.5 -4	30.8 0.5 -4	30.8 0.5 -4	30.8 0.5 -4
15	20.4 42.1 -32	27.3 32.4 -27	34.3 22.7 -23	41.3 13.1 -19	47.4 0.4 -15	50.9 -6.7 -13	55.6 -13.3 -10	60.4 -19.9 -7	65.1 -26.6 -4	23.4 45.8 -28	30.2 36.0 -24	37.1 26.2 -20	44.0 16.5 -16	51.0 6.9 -12	55.8 -3.1 -9	60.6 -9.6 -6	65.3 -16.5 -3	69.9 -23.6 1	26.6 49.7 -25	33.4 39.8 -21	40.2 30.0 -17	47.1 20.2 -13	53.9 10.4 -9	60.7 0.6 -5	65.2 -7.2 1	69.6 -15.0 6	74.1 -22.9 12	43.4 32.0 -42	42.7 25.7 -34	42.0 19.4 -27	41.3 13.1 -19	40.6 6.8 -12	39.9 0.5 -5	38.8 -0.1 9	37.8 -0.8 23	36.8 -1.4 37	36.4 0.5 -4	36.4 0.5 -4	36.4 0.5 -4	36.4 0.5 -4	36.4 0.5 -4
16	21.0 48.3 -39	28.0 38.7 -35	35.0 29.0 -31	42.0 19.4 -27	49.2 4.5 -22	52.9 -3.2 -19	56.4 -10.3 -17	61.1 -17.0 -14	65.9 -23.5 -11	23.9 51.9 -36	30.8 42.1 -32	37.7 32.4 -28	44.7 22.8 -24	51.7 13.2 -20	57.9 0.4 -16	61.3 -6.7 -13	66.1 -13.3 -10	70.8 -19.9 -7	27.5 55.6 -33	33.8 45.8 -29	40.7 36.0 -25	47.5 26.3 -21	54.5 16.5 -17	61.4 6.9 -13	66.2 -3.0 -10	71.0 -9.6 -7	75.7 -16.4 -3	33.6 38.3 -49	32.9 32.0 -41	32.2 25.7 -34	31.5 19.4 -26	30.8 13.1 -19	30.1 6.8 -12	29.4 0.5 -4	28.4 -0.1 10	27.4 -0.8 23	42.0 0.6 -5	42.0 0.6 -5	42.0 0.6 -5	42.0 0.6 -5	42.0 0.6 -5
17	21.7 54.6 -46	28.7 44.9 -42	35.7 35.3 -38	42.7 25.7 -34	50.7 9.1 -29	55.0 0.2 -26	58.4 -6.7 -24	61.9 -14.0 -21	66.6 -20.7 -18	24.6 58.1 -43	31.5 48.4 -39	38.4 38.7 -35	45.4 29.0 -31	52.4 19.4 -27	59.6 4.5 -22	63.4 -3.2 -20	66.8 -10.3 -18	71.6 -17.0 -14	27.5 61.7 -40	34.4 51.9 -36	41.3 42.2 -32	48.2 32.5 -28	55.1 22.8 -24	62.1 13.2 -20	68.3 0.5 -16	71.7 -6.7 -14	76.5 -13.3 -11	23.9 44.5 -56	23.2 38.2 -48	22.5 31.9 -41	21.8 25.6 -33	21.1 19.4 -26	20.4 13.1 -19	19.7 6.8 -11	19.0 0.5 -4	18.0 -0.2 10	47.5 0.6 -5	47.5 0.6 -5	47.5 0.6 -5	47.5 0.6 -5	47.5 0.6 -5
18	22.4 60.8 -54	29.4 51.2 -50	36.3 41.6 -46	43.4 32.0 -42	52.0 14.2 -36	56.9 4.1 -33	60.5 -3.4 -30	63.9 -10.3 -28	67.4 -17.6 -26	25.2 64.3 -51	32.1 54.6 -47	39.1 45.0 -43	46.1 35.3 -39	53.1 25.7 -35	61.1 9.2 -29	65.4 0.3 -26	68.8 -6.7 -24	72.3 -13.9 -22	28.1 67.8 -48	35.0 58.1 -44	41.9 48.4 -40	48.8 38.7 -36	55.8 29.1 -32	62.8 19.5 -28	70.1 4.5 -23	73.8 -3.2 -20	77.3 -10.3 -18	14.2 50.8 -63	13.5 44.5 -55	12.8 38.2 -48	12.1 31.9 -40	11.4 25.6 -33	10.7 19.3 -26	10.0 13.0 -18	9.3 6.8 -11	8.6 0.5 -3	53.1 0.6 -5	53.1 0.6 -5	53.1 0.6 -5	53.1 0.6 -5	53.1 0.6 -5
19	28.4 45.5 29	33.3 39.1 35	38.1 32.6 41	43.2 25.8 48	49.0 18.1 56	55.9 8.8 65	65.0 -3.3 77	67.4 -14.0 79	70.7 -23.5 84	31.7 53.0 34	36.6 46.6 41	41.4 40.2 47	46.4 33.5 53	51.8 26.3 60	57.9 18.1 68	65.2 8.4 78	74.4 -3.9 90	76.7 -14.8 92	35.1 60.5 40	39.9 54.1 46	44.7 47.7 52	49.6 41.1 59	54.8 34.2 65	60.4 26.7 73	66.8 18.1 81	74.4 8.0 91	83.8 -4.5 103	92.0 0.7 -6	86.0 -7.2 0	80.0 -15.0 6	74.1 -22.9 12	68.1 -30.7 19	62.1 -38.6 25	56.1 -46.4 31	50.1 -54.3 37	44.1 -62.1 44	58.6 0.6 -5	58.6 0.6 -5	58.6 0.6 -5	58.6 0.6 -5	58.6 0.6 -5
20	28.7 47.8 19	35.6 38.0 23	40.4 31.6 29	45.3 25.1 36	50.7 17.8 43	57.2 9.1 51	66.0 -2.6 63	68.5 -13.2 66	72.0 -22.4 70	32.0 55.3 25	38.9 45.5 29	43.7 39.1 35	48.5 32.7 41	53.7 25.8 48	59.4 18.1 55	66.4 8.8 64	75.4 -3.2 76	77.8 -14.0 79	35.3 62.9 30	42.2 53.1 34	47.0 46.6 40	51.8 40.2 46	56.8 33.5 53	62.2 26.3 60	68.3 18.2 68	75.6 8.5 77	84.8 -3.9 89	85.2 10.5 -10	81.6 0.7 -6	75.6 -7.2 0	69.6 -15.0 6	63.6 -22.9 13	57.6 -30.7 19	51.7 -38.6 25	45.7 -46.4 31	39.7 -54.3 38	64.2 0.6 -5	64.2 0.6 -5	64.2 0.6 -5	64.2 0.6 -5	64.2 0.6 -5
21	29.0 49.9 11	35.8 40.3 14	42.7 30.6 17	47.5 24.1 24	52.5 17.4 30	58.6 9.3 38	67.0 -2.0 49	69.7 -12.4 52	73.4 -21.3 57	32.3 57.5 16	39.2 47.8 19	46.0 38.1 23	50.8 31.6 29	55.7 25.1 35	61.1 17.9 42	67.6 9.2 51	76.4 -2.6 62	78.9 -13.2 65	35.6 65.0 21	42.5 55.4 24	49.3 45.6 28	54.1 39.1 34	59.0 32.7 41	64.1 25.8 47	69.9 18.1 55	76.8 8.9 64	85.8 -3.2 76	78.4 20.3 -14	74.8 10.5 -10	71.2 0.6 -6	65.2 -7.2 1	59.2 -15.1 7	53.2 -22.9 13	47.2 -30.8 19	41.2 -38.6 26	35.2 -46.5 32	69.8 0.6 -6	69.8 0.6 -6	69.8 0.6 -6	69.8 0.6 -6	69.8 0.6 -6
22	29.2 52.0 2	36.1 42.4 5	43.0 32.8 8	49.8 23.1 12	54.6 16.6 18	60.1 9.3 25	68.1 -1.3 35	70.9 -11.4 39	74.8 -20.1 44	32.6 59.6 7	39.4 50.0 10	46.3 40.3 13	53.1 30.6 17	57.9 24.2 23	63.0 17.4 30	69.0 9.4 38	77.5 -1.9 49	80.1 -12.3 52	35.9 67.1 12	42.7 57.5 15	49.6 47.9 19	56.4 38.1 22	61.2 31.7 29	66.1 25.1 35	71.5 17.9 42	78.1 9.2 51	86.9 -2.6 62	71.5 30.1 -18	67.9 20.3 -14	64.3 10.4 -10	60.7 0.6 -5	54.7 -7.2 1	48.8 -15.1 7	42.8 -22.9 13	36.8 -30.8 20	30.8 -38.6 26	75.3 0.6 -6	75.3 0.6 -6	75.3 0.6 -6	75.3 0.6 -6	75.3 0.6 -6
23	29.5 54.2 -7	36.4 44.5 -4	43.2 34.9 -1	50.1 25.3 2	56.9 15.6 6	61.8 9.0 12	69.1 -0.7 22	72.3 -10.3 26	76.4 -18.6 31	32.8 61.7 -2	39.7 52.1 1	46.5 42.4 5	53.4 32.8 8	60.2 23.1 11	65.1 16.7 18	70.5 9.4 25	78.5 -1.3 35	81.4 -11.4 39	36.1 69.2 4	43.0 59.6 7	49.8 50.0 10	56.7 40.4 13	63.5 30.6 17	68.4 24.2 23	73.4 17.5 29	79.4 9.4 37	87.9 -1.9 48	64.7 39.9 -22	61.1 30.1 -18	57.5 20.3 -14	53.9 10.4 -9	50.3 0.6 -5	44.3 -7.3 1	38.3 -15.1 8	32.3 -23.0 14	26.4 -30.8 20	80.9 0.7 -6	80.9 0.7 -6	80.9 0.7 -6	80.9 0.7 -6	80.9 0.7 -6
24	29.8 56.6 -17	36.7 46.9 -14	43.5 37.1 -10	50.3 27.4 -6	57.2 17.8 -3	64.0 8.1 0	70.1 0.0 8	73.8 -9.0 13	78.1 -16.9 18	33.1 63.9 -11	39.9 54.2 -8	46.8 44.6 -4	53.6 34.9 -1	60.5 25.3 2	67.4 15.6 5	72.3 9.0 12	79.5 -0.6 21	82.7 -10.3 25	36.4 71.4 -5	43.3 61.7 -2	50.1 52.1 1	57.0 42.5 4	63.8 32.9 7	70.7 23.1 11	75.5 16.7 17	80.9 9.4 24	88.9 -1.3 35	57.9 49.7 -26	54.3 39.9 -22	50.7 30.1 -17	47.1 20.2 -13	43.5 10.4 -9	39.9 0.5 -5	33.9 -7.3 2	27.9 -15.2 8	21.9 -23.0 14	86.5 0.7 -6	86.5 0.7 -6	86.5 0.7 -6	86.5 0.7 -6	86.5 0.7 -6
25	30.2 59.5 -29	37.0 49.7 -25	43.8 39.9 -21	50.7 30.1 -17	57.5 20.3 -14	64.3 10.4 -10	71.2 0.6 -6	75.6 -7.2 0	80.0 -15.0 6	33.4 66.4 -21	40.2 56.6 -18	47.1 46.9 -14	53.9 37.1 -10	60.8 27.4 -7	67.6 17.8 -4	74.5 8.1 0	80.6 0.0 8	84.2 -9.0 12	36.7 73.7 -15	43.5 64.0 -11	50.4 54.3 -8	57.2 44.6 -5	64.1 34.9 -1	70.9 25.3 2	77.8 15.7 5	82.7 9.1 11	90.0 -0.6 21	51.0 59.6 -30	47.4 49.7 -26	43.8 39.9 -21	40.2 30.0 -17	36.6 20.2 -13	33.0 10.4 -8	29.4 0.5 -4	23.5 -7.3 2	17.5 -15.2 8	92.0 0.7 -6	92.0 0.7 -6	92.0 0.7 -6	92.0 0.7 -6	92.0 0.7 -6
26	30.5 65.4 -37	37.4 55.6 -33	44.2 45.8 -29	51.1 36.0 -25	58.0 26.3 -21	64.9 16.6 -17	71.9 6.9 -13	76.7 -3.0 -10	81.4 -9.6 -7	33.8 69.3 -34	40.6 59.5 -30	47.4 49.7 -26	54.3 39.9 -22	61.1 30.1 -18	67.9 20.3 -14	74.8 10.5 -10	81.6 0.7 -6	86.0 -7.2 0	37.0 76.2 -26	43.8 66.4 -22	50.7 56.7 -18	57.5 46.9 -14	64.4 37.2 -11	71.2 27.5 -7	78.0 17.8 -4	84.9 8.2 -1	91.0 0.0 7	44.2 69.4 -34	40.6 59.5 -30	37.0 49.7 -25	33.4 39.8 -21	29.8 30.0 -17	26.2 20.2 -12	22.6 10.3 -8	19.0 0.5 -4	13.0 -7.4 3	8.6 0.5 -3	35.1 60.5 40	83.8 -4.5 103	44.1 -62.1 44
27	31.0 71.4 -45	37.9 61.7 -41	44.8 51.9 -37	51.7 42.2 -33	58.6 32.5 -29	65.6 22.8 -25	72.6 13.2 -21	78.7 0.5 -16	82.2 -6.6 -14	34.1 75.2 -41	41.0 65.4 -37	47.8 55.6 -33	54.7 45.8 -30	61.5 36.1 -26	68.4 26.3 -22	75.3 16.6 -18	82.3 7.0 -13	87.1 -3.0 -10	37.4 79.2 -38	44.2 69.4 -34	51.0 59.6 -30	57.9 49.7 -26	64.7 39.9 -22	71.5 30.1 -18	78.4 20.3 -14	85.2 10.5 -10	92.0 0.7 -6	37.4 79.2 -38	33.8 69.3 -34	30.2 59.5 -29	26.6 49.7 -25	23.0 39.8 -21	19.4 30.0 -16	15.8 20.1 -12	12.2 10.3 -8	8.6 0.5 -3	92.0 0.7 -6	52.7 -28.6 -37	14.2 50.8 -63	37.4 79.2 -38

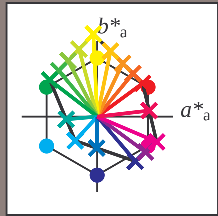
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

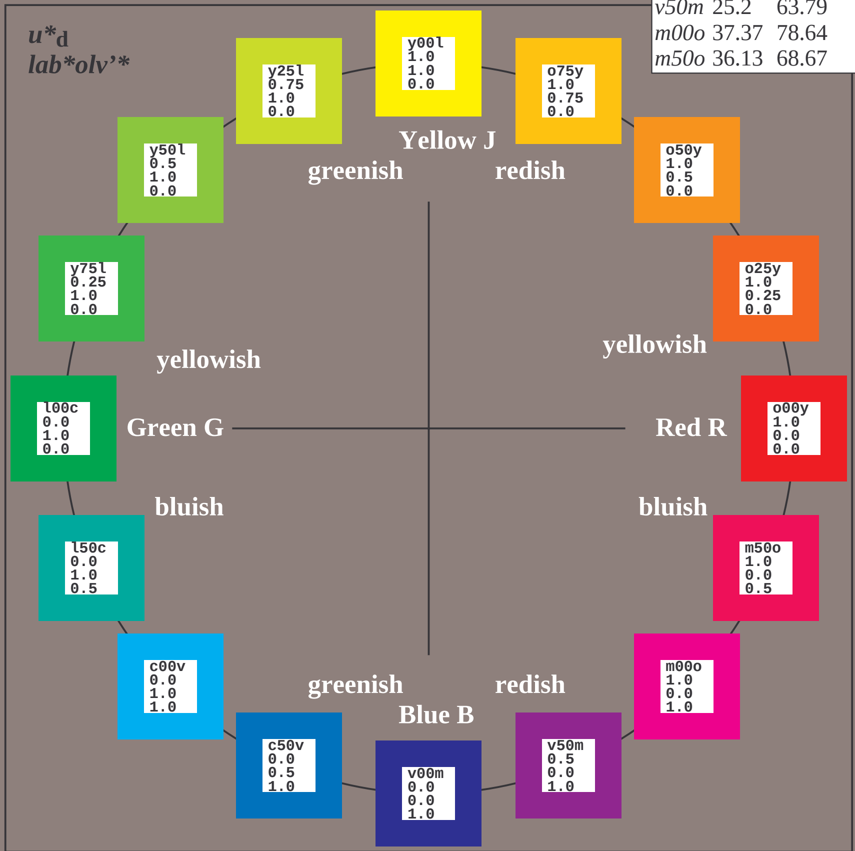
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

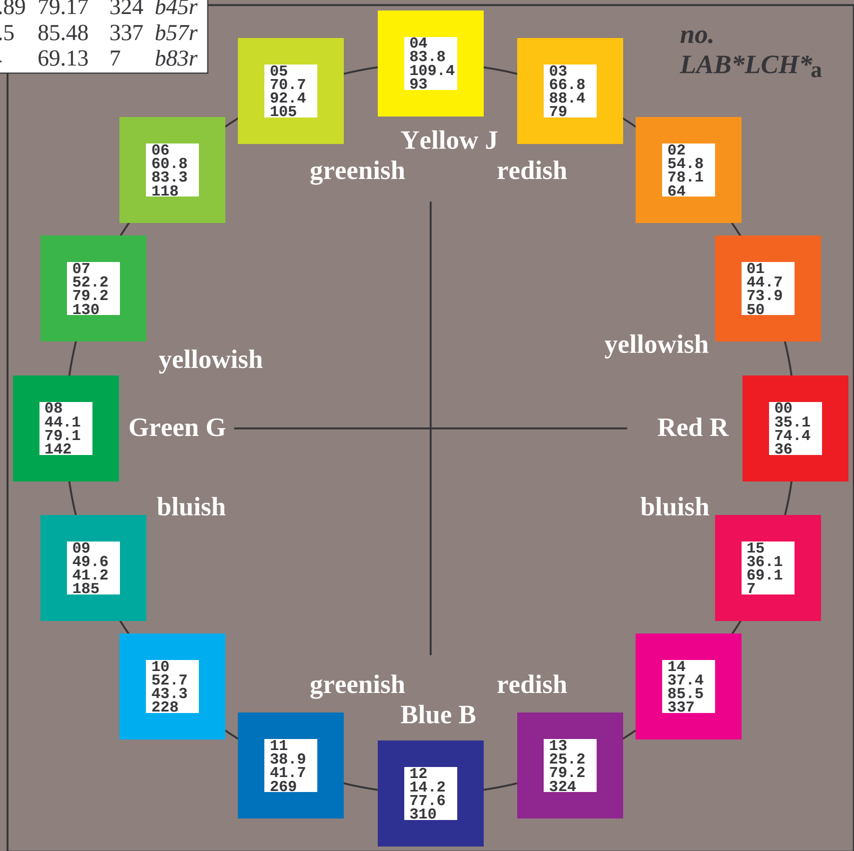


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

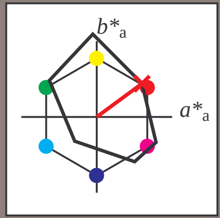
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

$u^*_d = o00y$
*lab*olv'**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

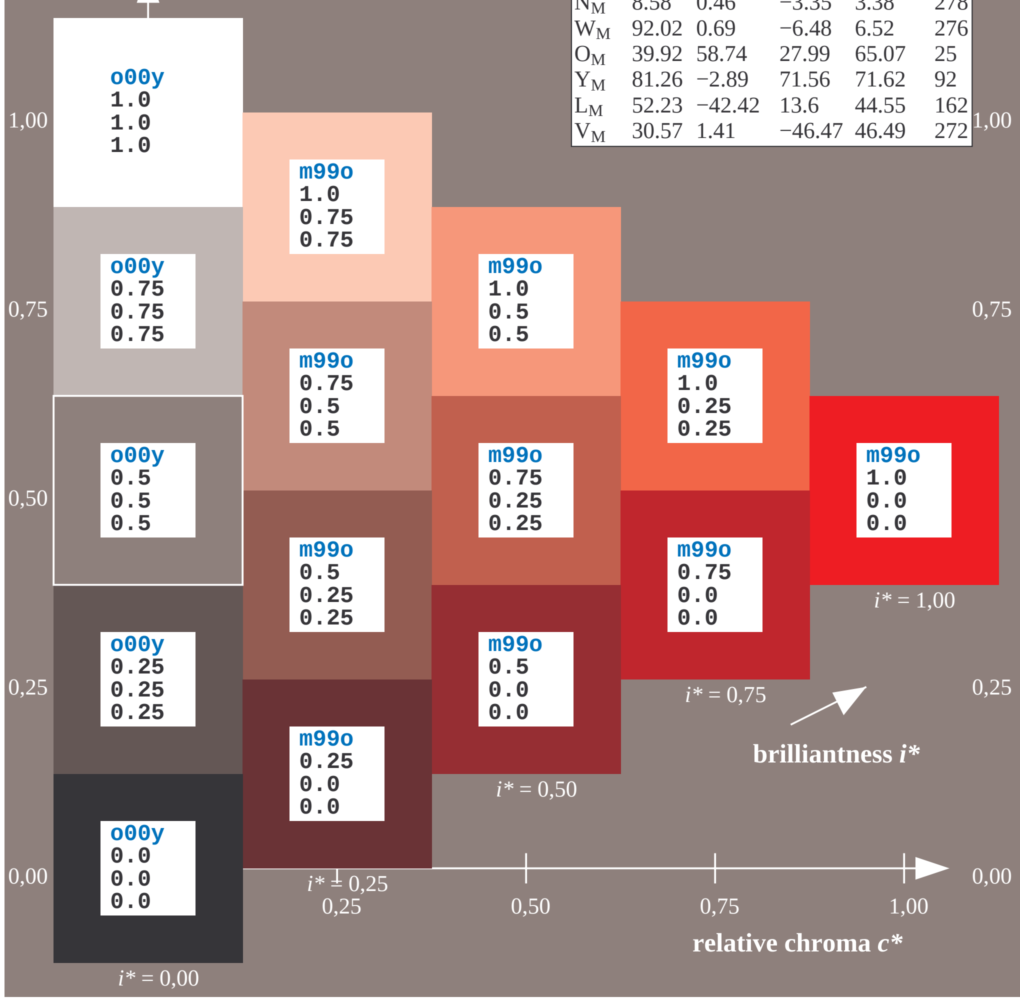


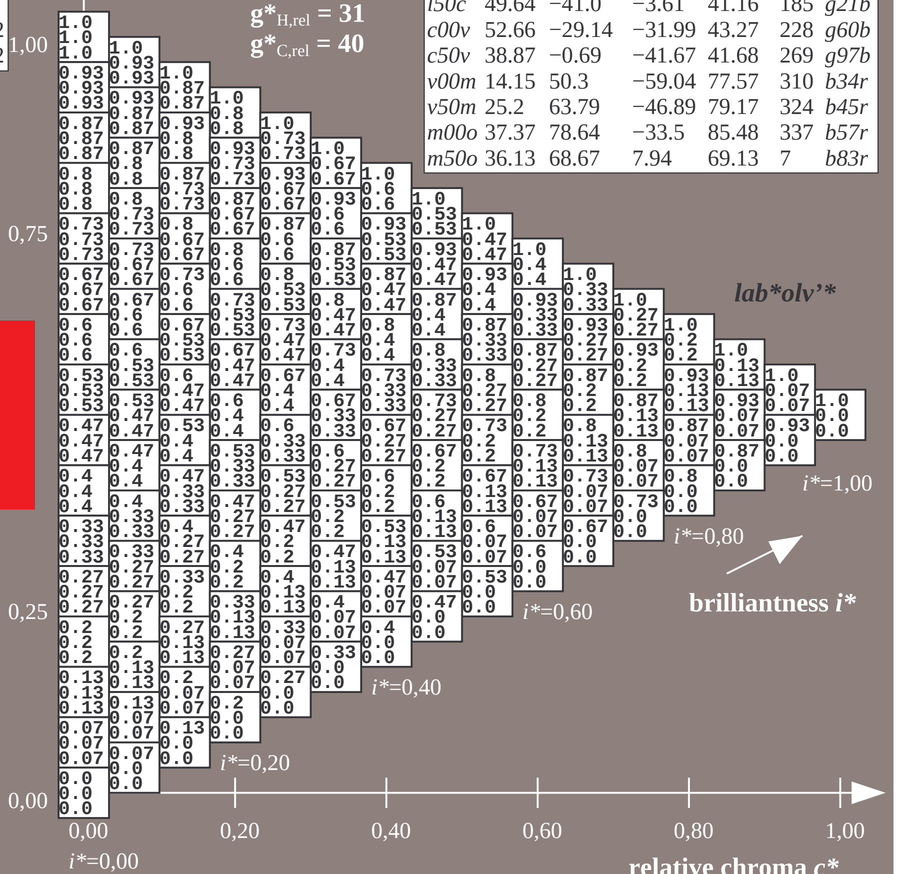
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 35 60 44**
***LAB*LCH**$_{Ma}$: 35 74 36**
***lab*olv**$_{Ma}$: 1.0 0.0 0.0**
***lab*rgb**$_{Ma}$: 1.0 0.16 0.0**
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





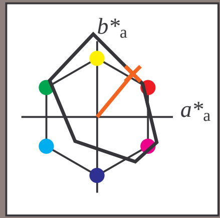
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

www.ps.bam.de/Ee40/10L/L40E00NP.PS/ .PDF; FRS09_92a; transfer and output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

u^*_d = o25y
*lab*olv'**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o25y u^*_e = r37j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

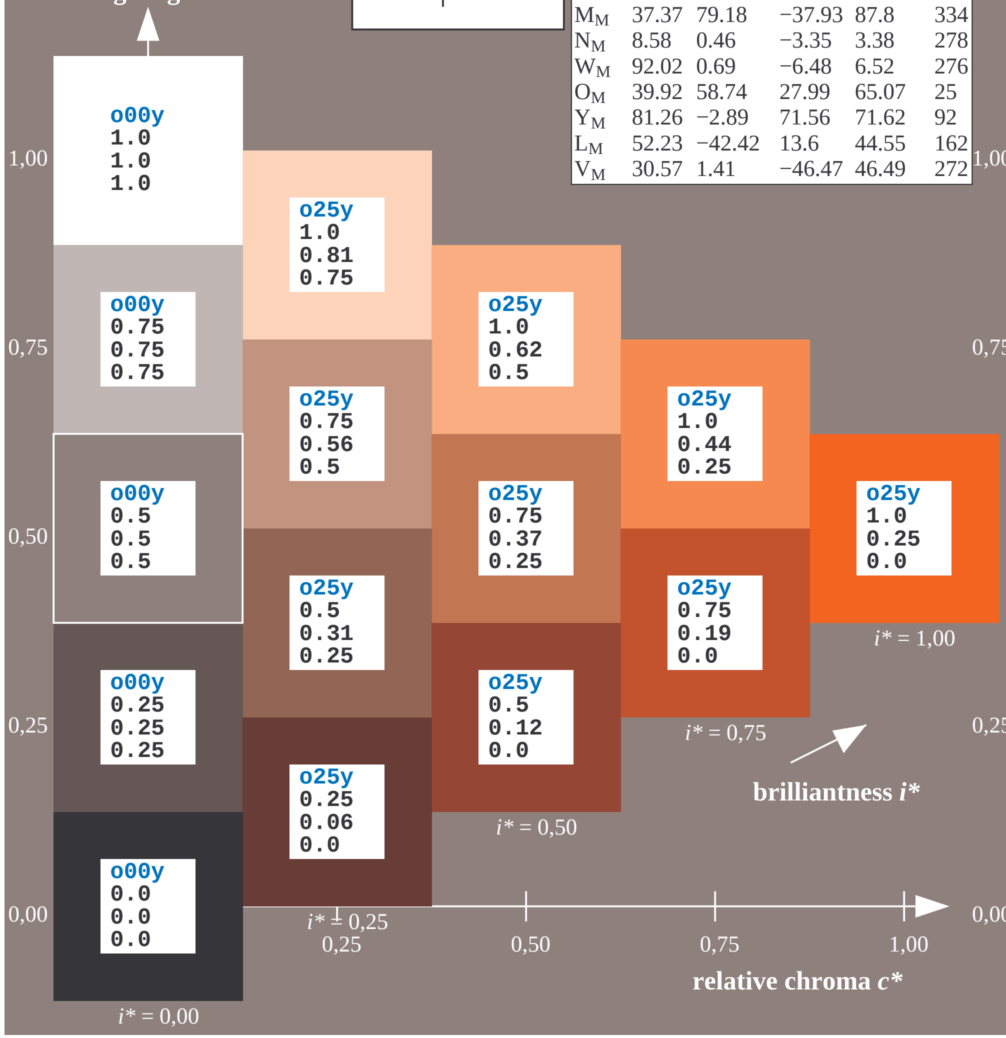


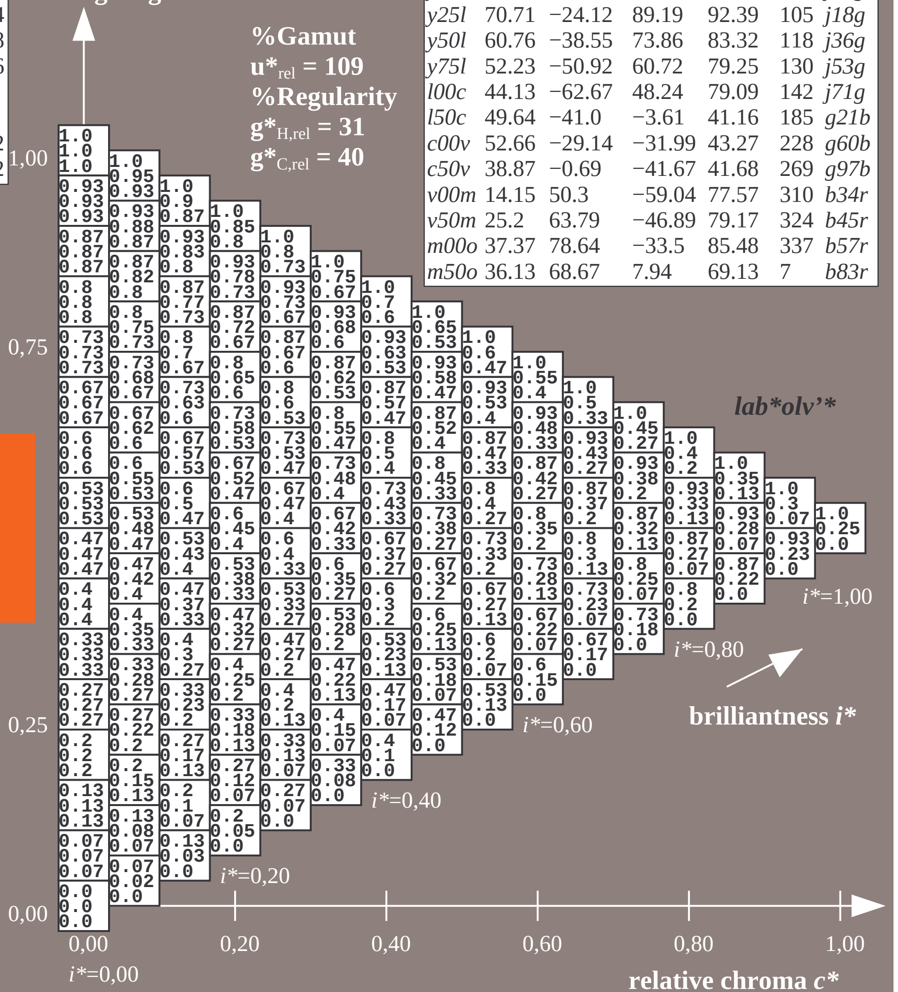
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 45 47 57**
***$LAB^*LCH^*_{Ma}$*: 45 74 50**
***$lab^*olv^*_{Ma}$*: 1.0 0.25 0.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.37 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

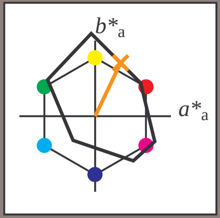
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

$u^*_d = o50y$
*lab*olv'**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o50y$ $u^*_e = r58j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

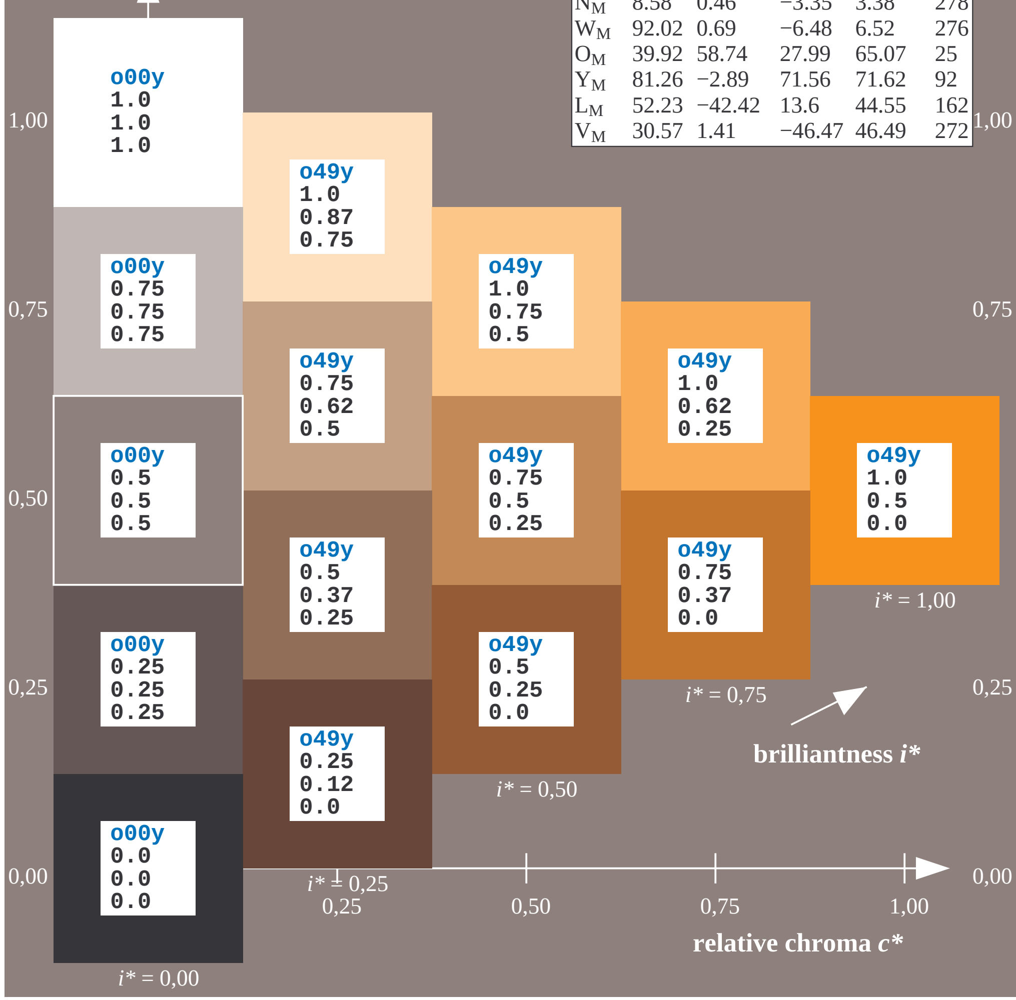


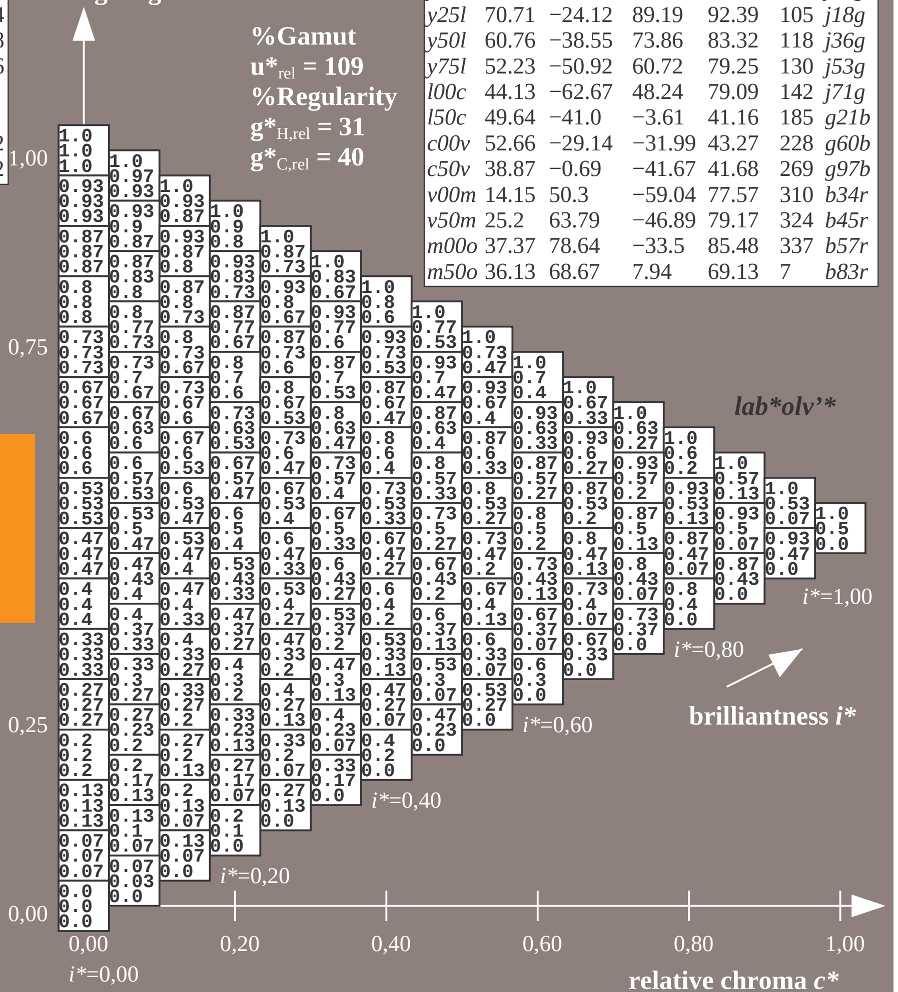
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 34 70
$LAB^*LCH^*_{Ma}$: 55 78 64
$lab^*olv^*_{Ma}$: 1.0 0.5 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





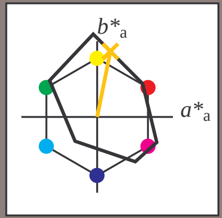
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

$u^*_d = o75y$
*lab*olv'**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = o75y$ $u^*_e = r79j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data

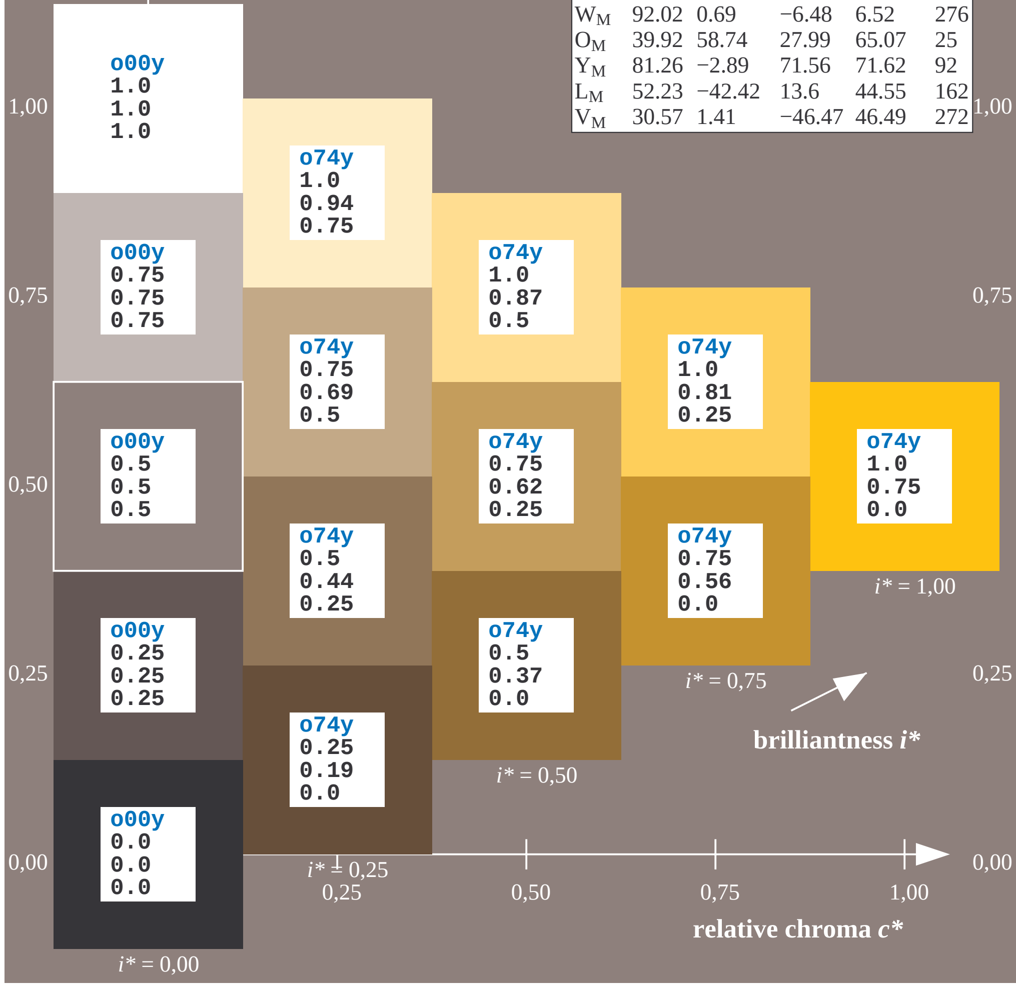
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

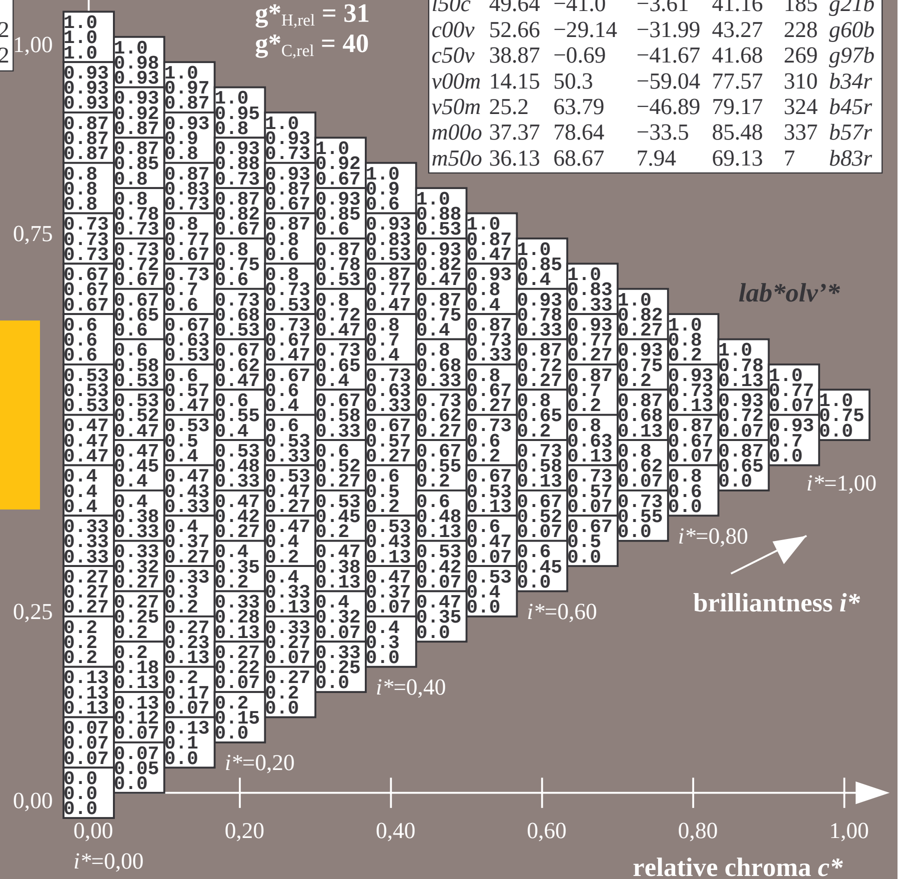
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 67 17 87
$LAB^*LCH^*_{Ma}$: 67 88 78
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

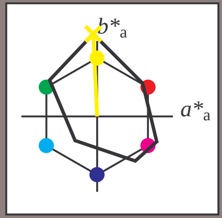
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$
$lab^*olv'^*$

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data

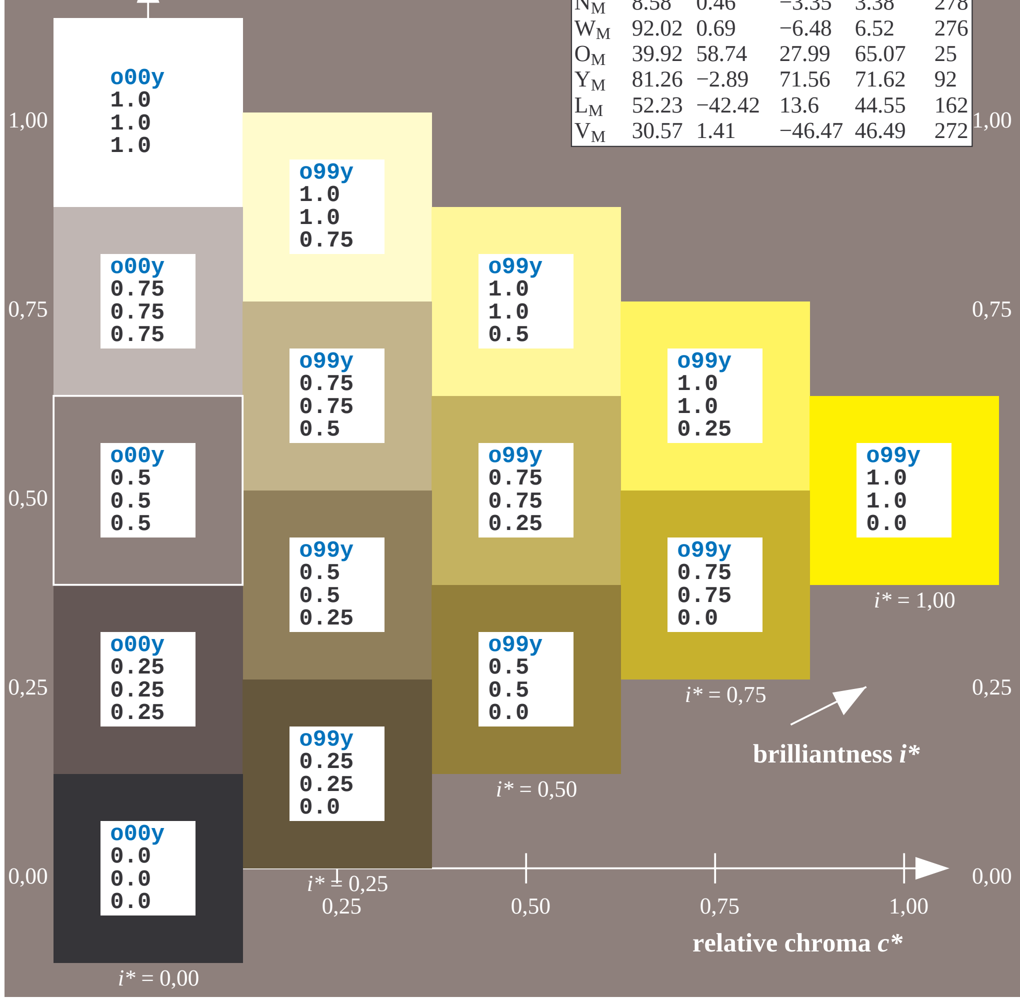
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

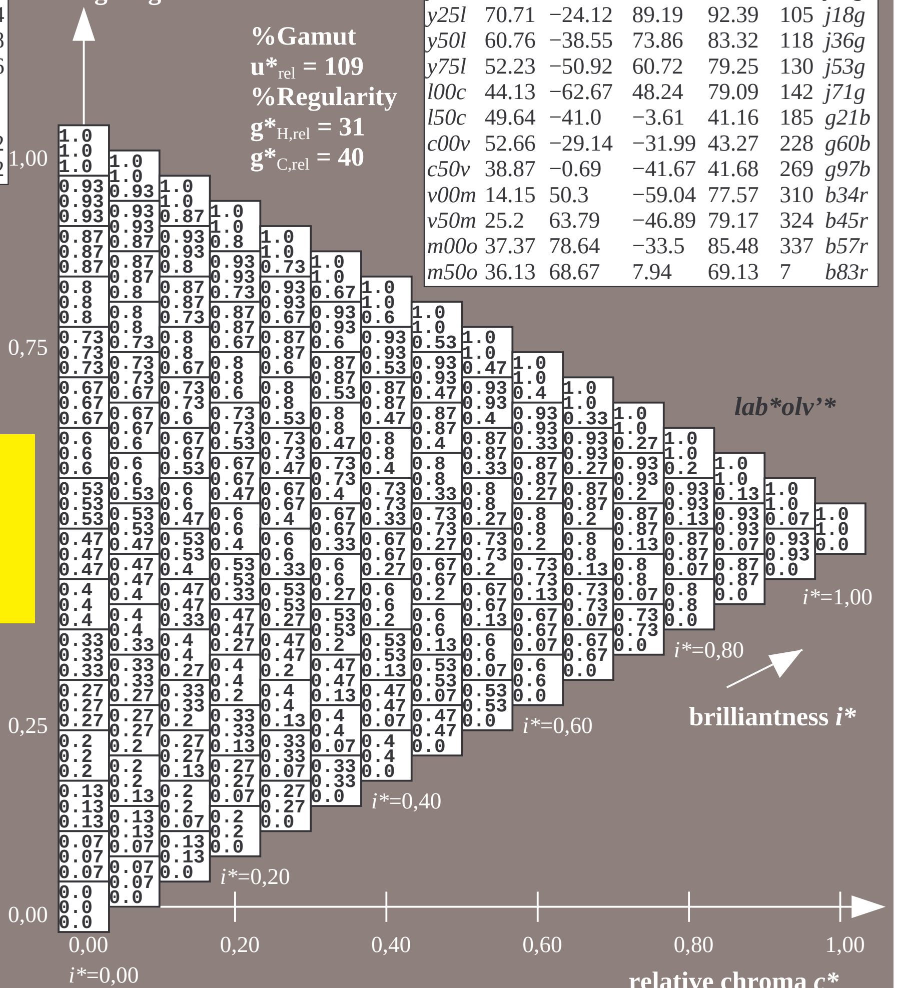
Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 84 −5 109**
***$LAB^*LCH^*_{Ma}$*: 84 109 92**
***$lab^*olv^*_{Ma}$*: 1.0 1.0 0.0**
***$lab^*rgb^*_{Ma}$*: 0.99 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

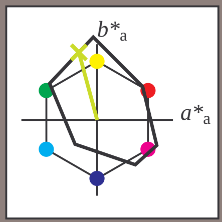
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$
*lab*olv'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

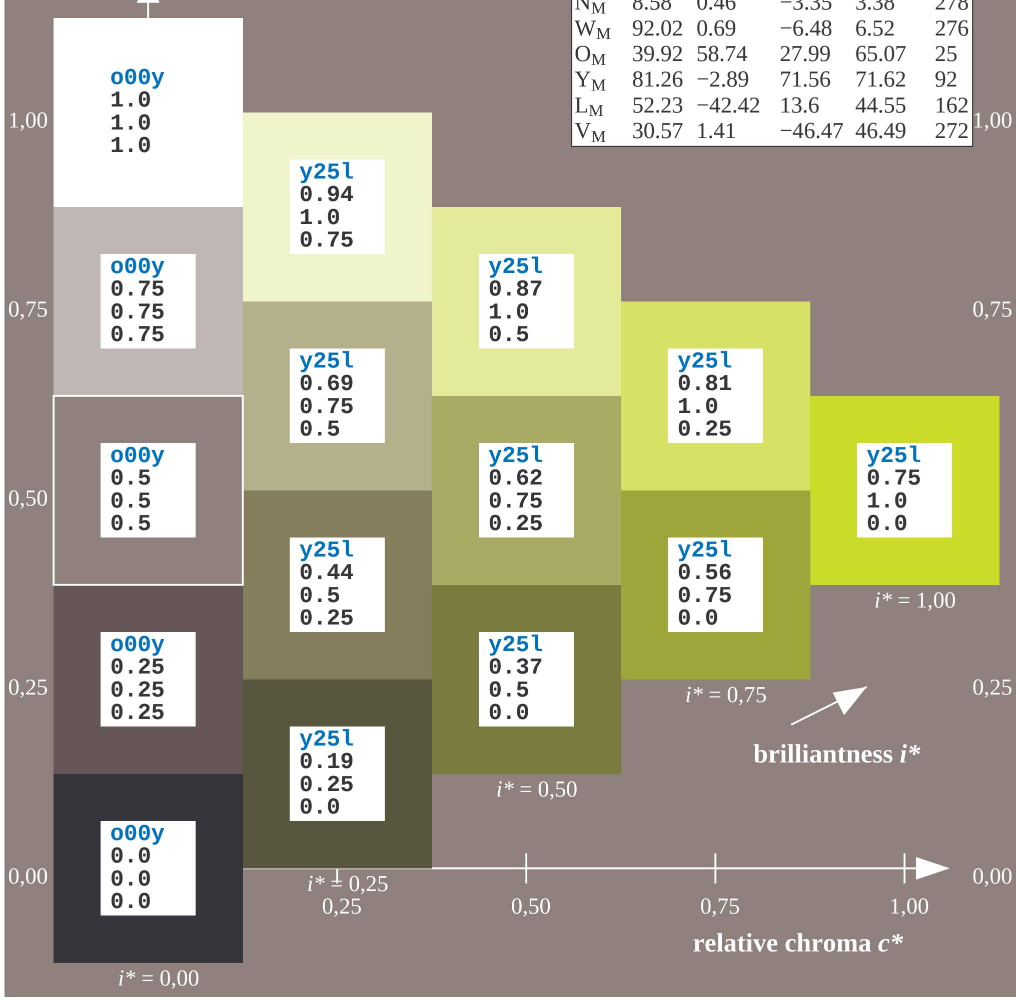


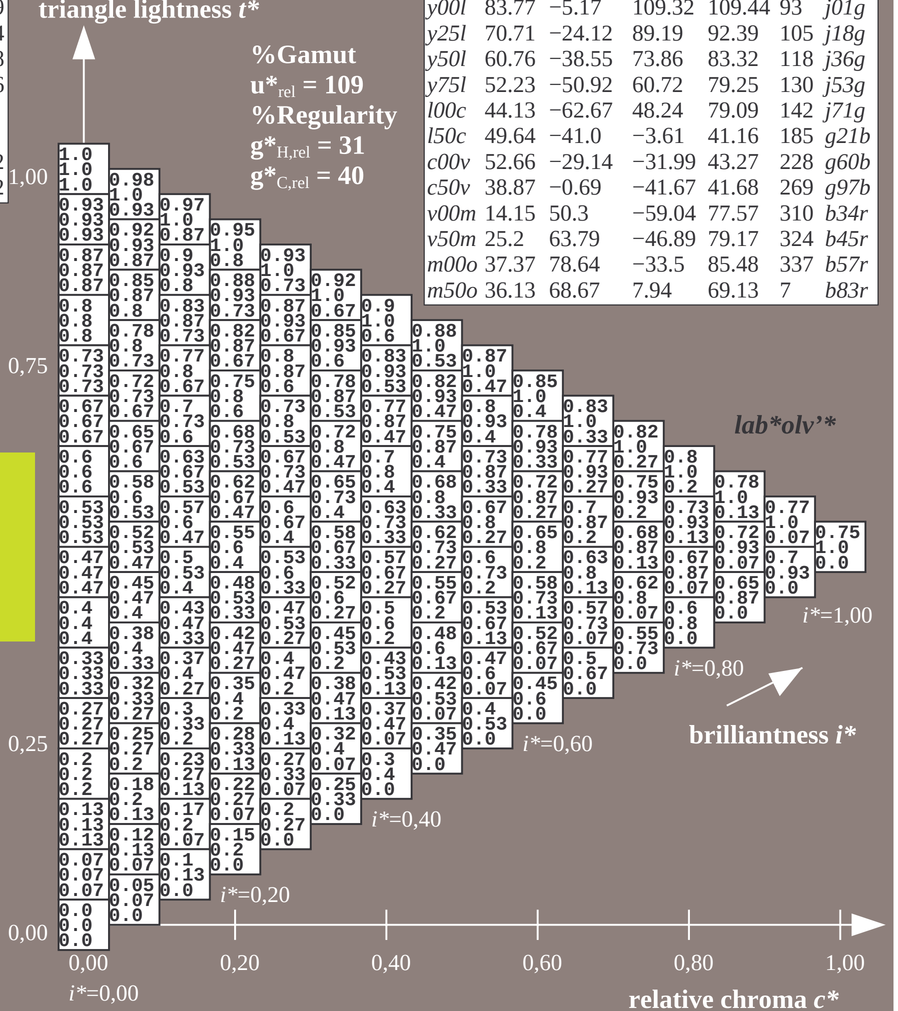
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 71 −24 89
*LAB*LCH**$_{Ma}$: 71 92 105
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.82 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





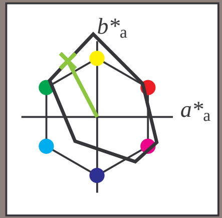
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

$u^*_d = y50l$
lab*olv'*

data for any colour:
lab*tch* and lab*icu*
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t*

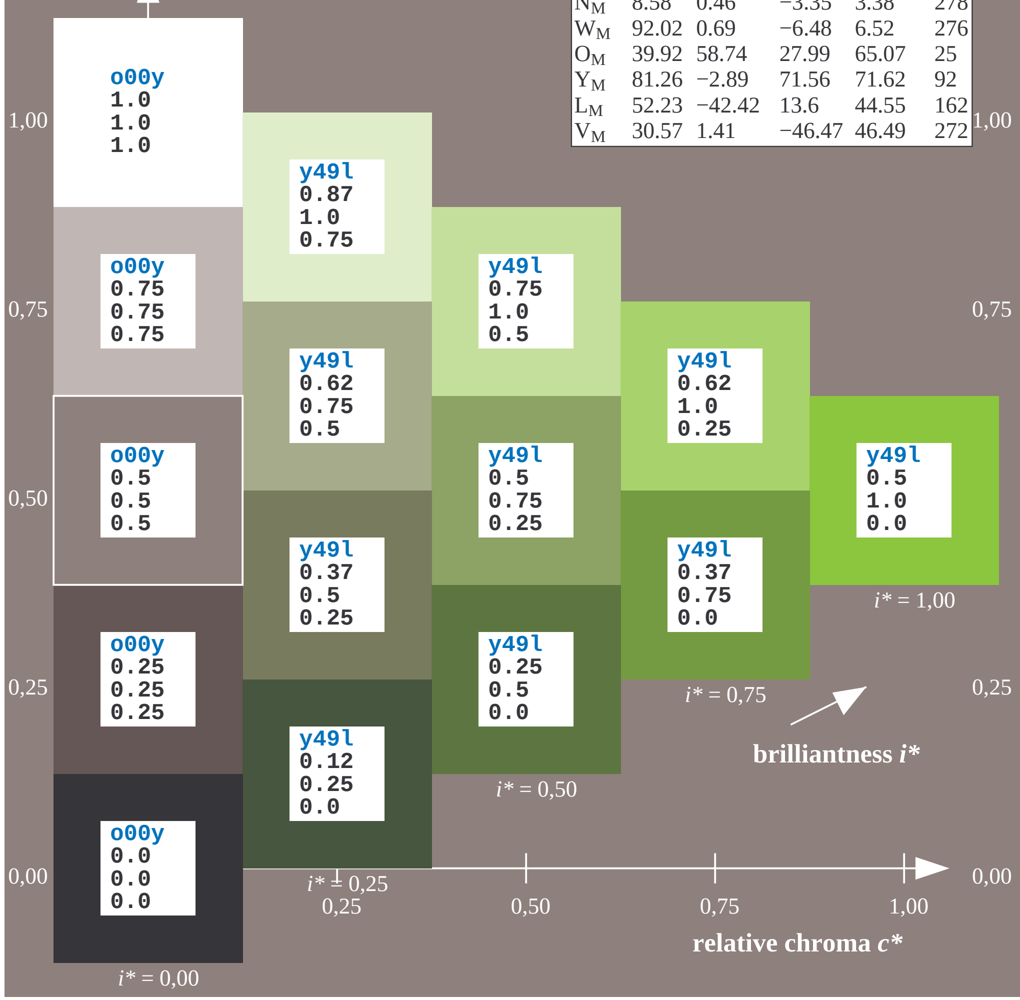


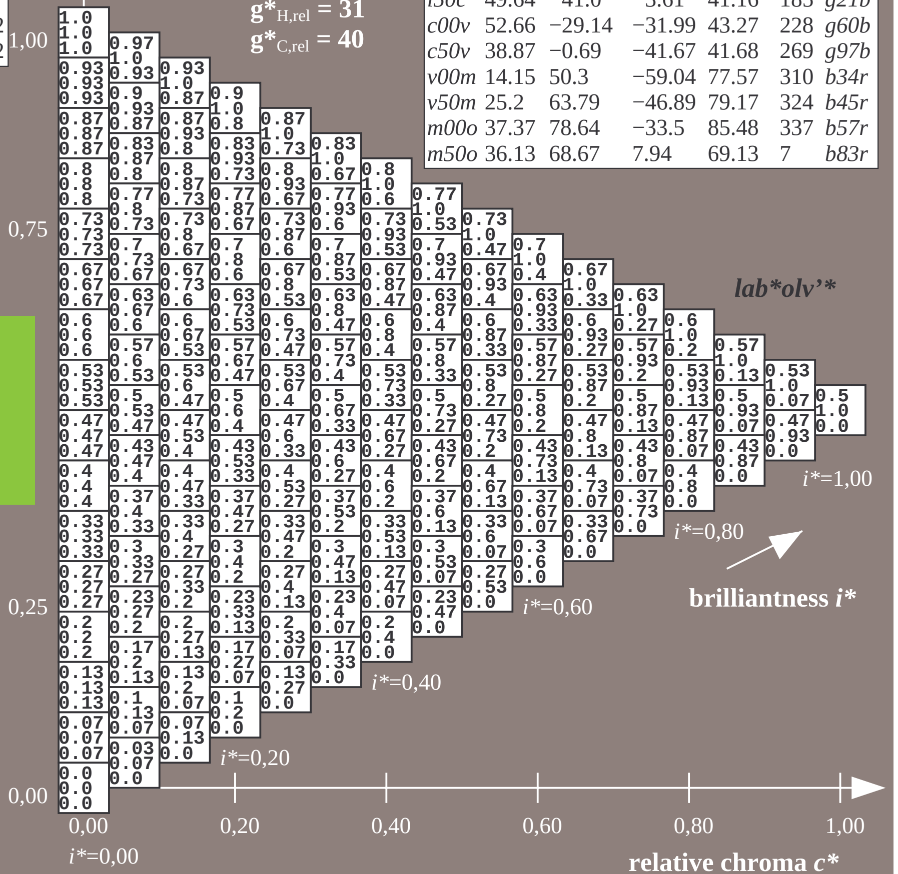
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −39 74
$LAB^*LCH^*_{Ma}$: 61 83 117
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0
triangle lightness t*

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

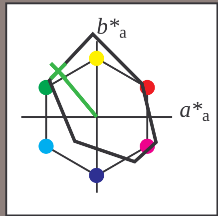
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:
lab*tch** and lab*icu*
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
c_R = 1.0
triangle lightness *t**



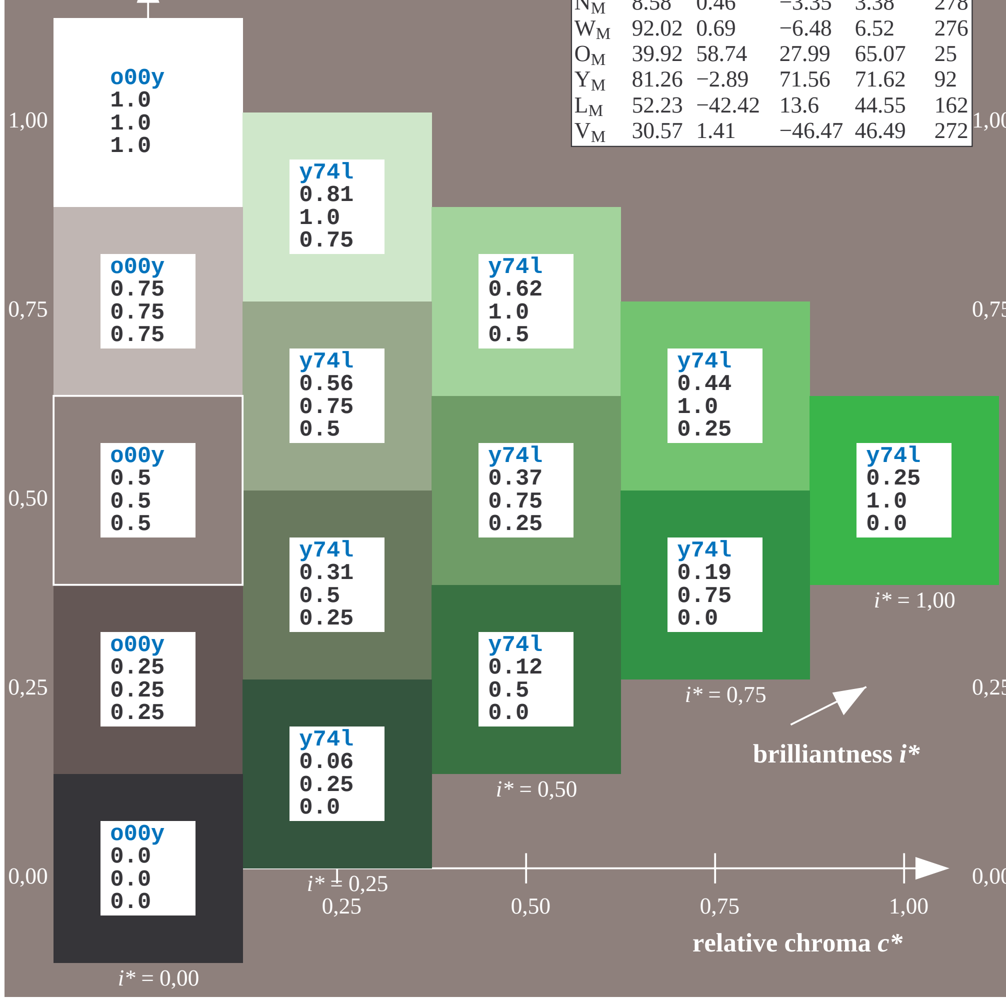
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

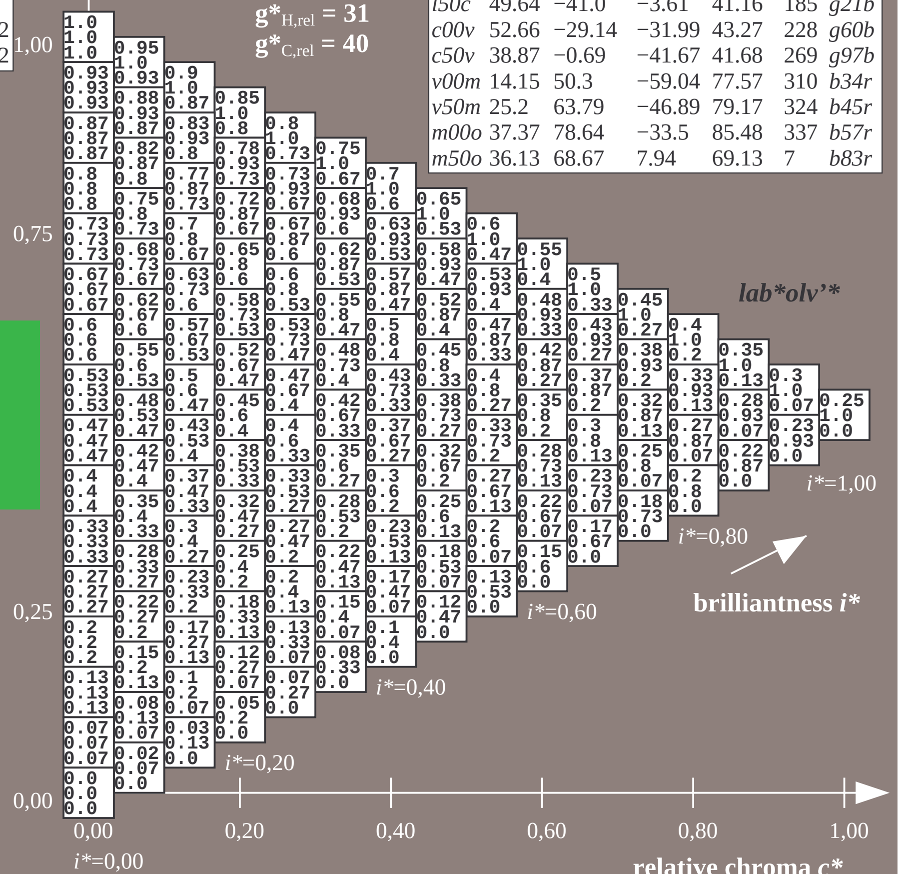
$u^*_d = y75l$
lab*olv'*

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 52 −51 61**
***$LAB^*LCH^*_{Ma}$*: 52 79 129**
***$lab^*olv^*_{Ma}$*: 0.25 1.0 0.0**
***$lab^*rgb^*_{Ma}$*: 0.46 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

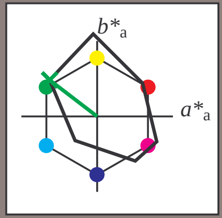
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

$u^*_d = l00c$
*lab*olv'**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



FRS09_92a; CIELAB data

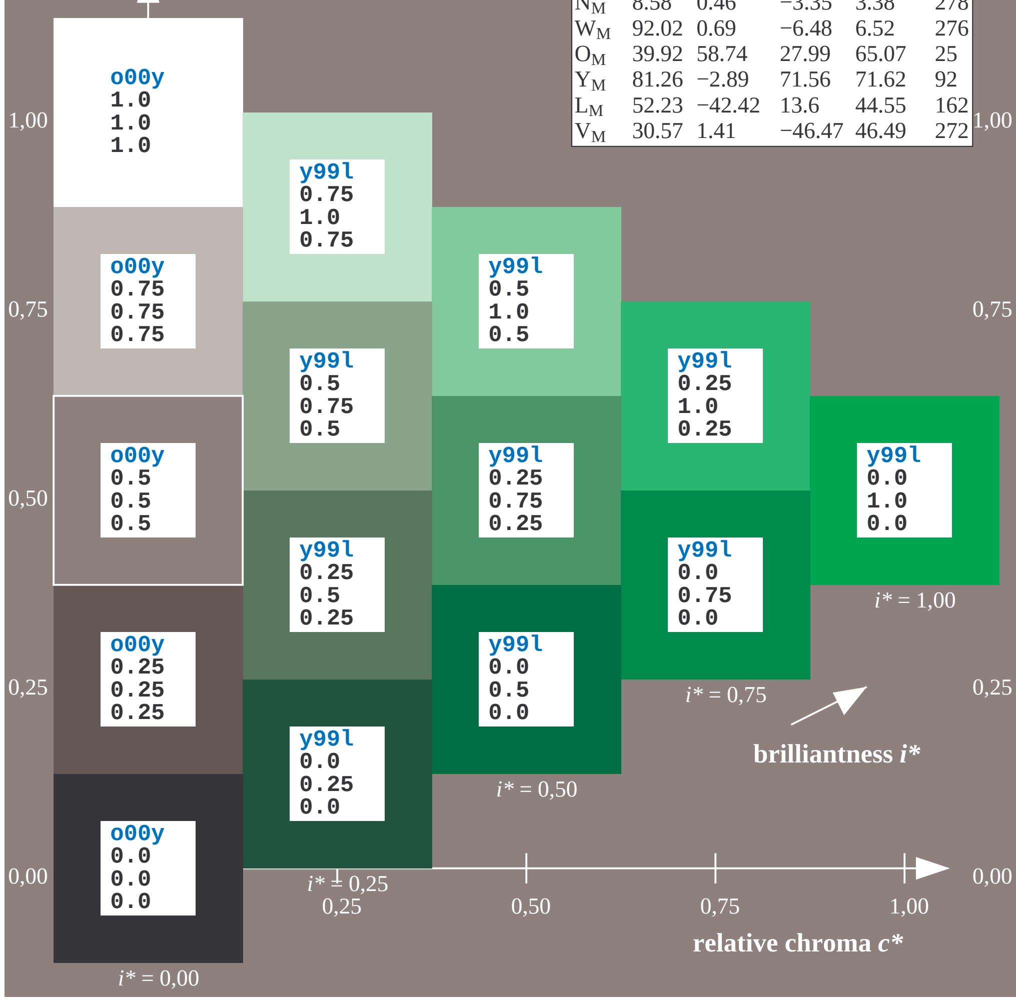
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

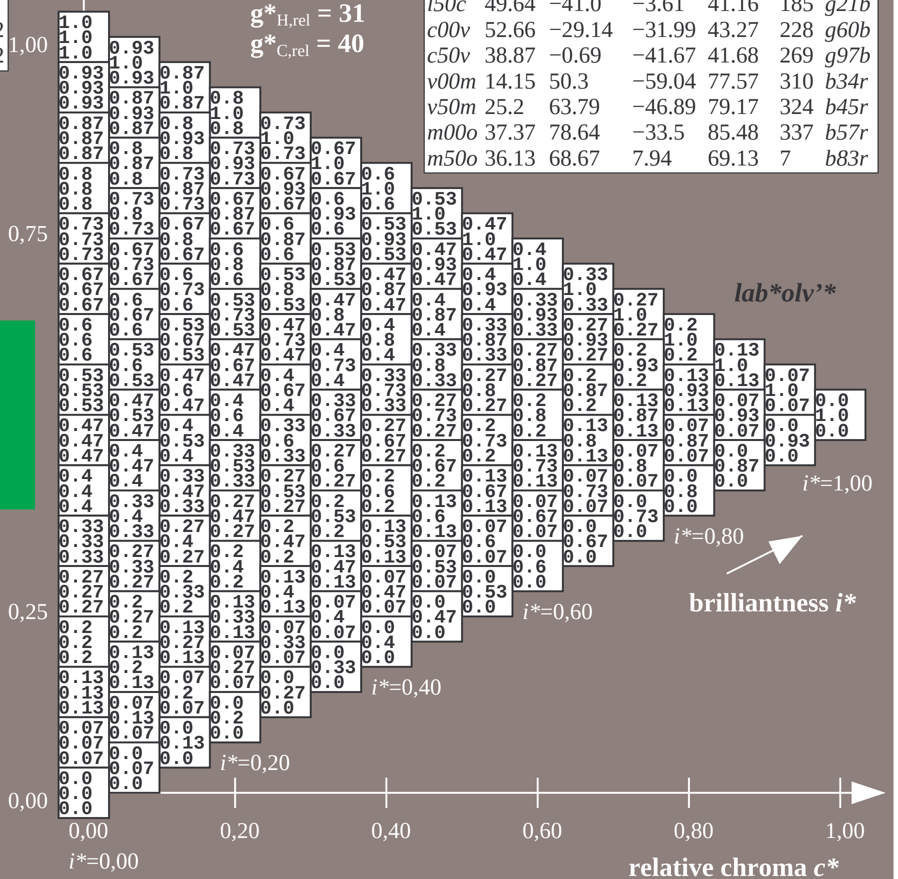
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 44 −63 48**
***LAB*LCH*$_{Ma}$*: 44 79 142**
***lab*olv*$_{Ma}$*: 0.0 1.0 0.0**
***lab*rgb*$_{Ma}$*: 0.28 1.0 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





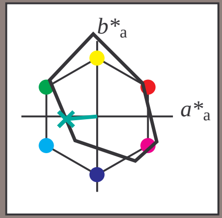
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

u^*_d = l50c
*lab*olv'**

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
u^*_d = l50c u^*_e = g21b
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

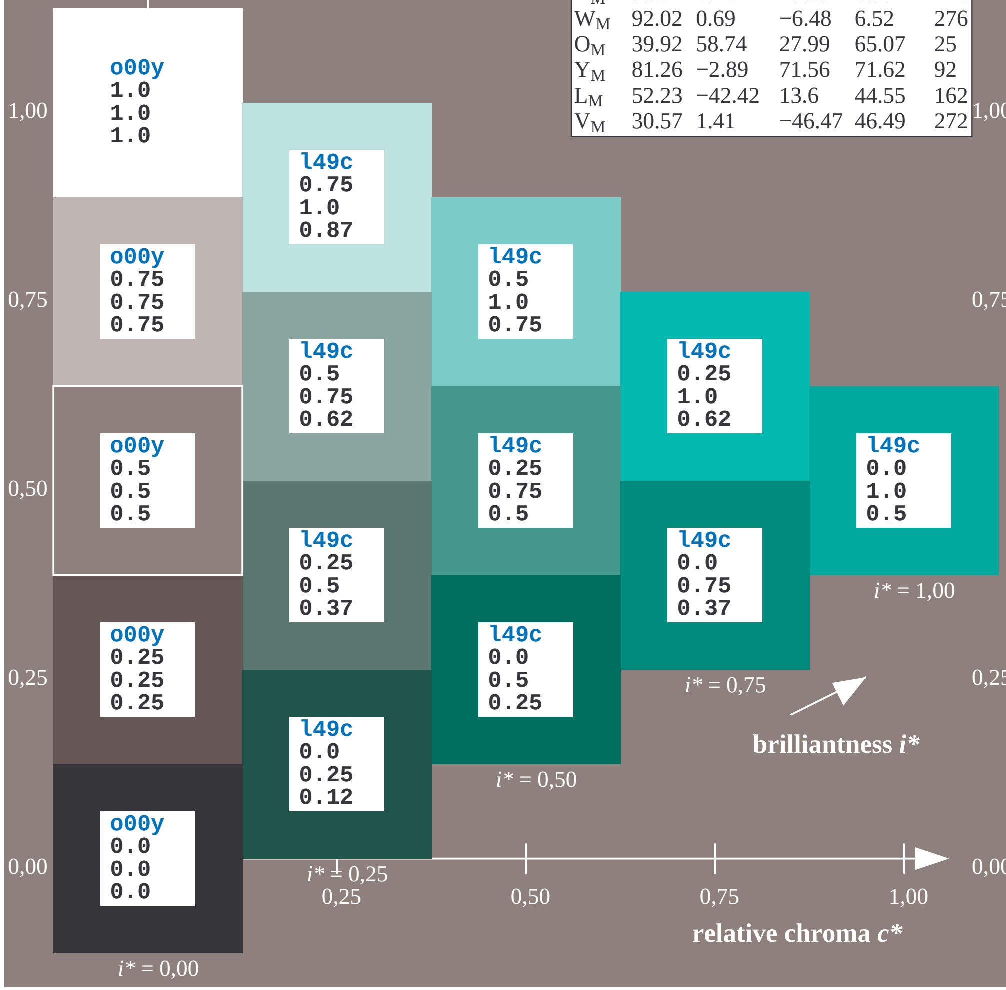


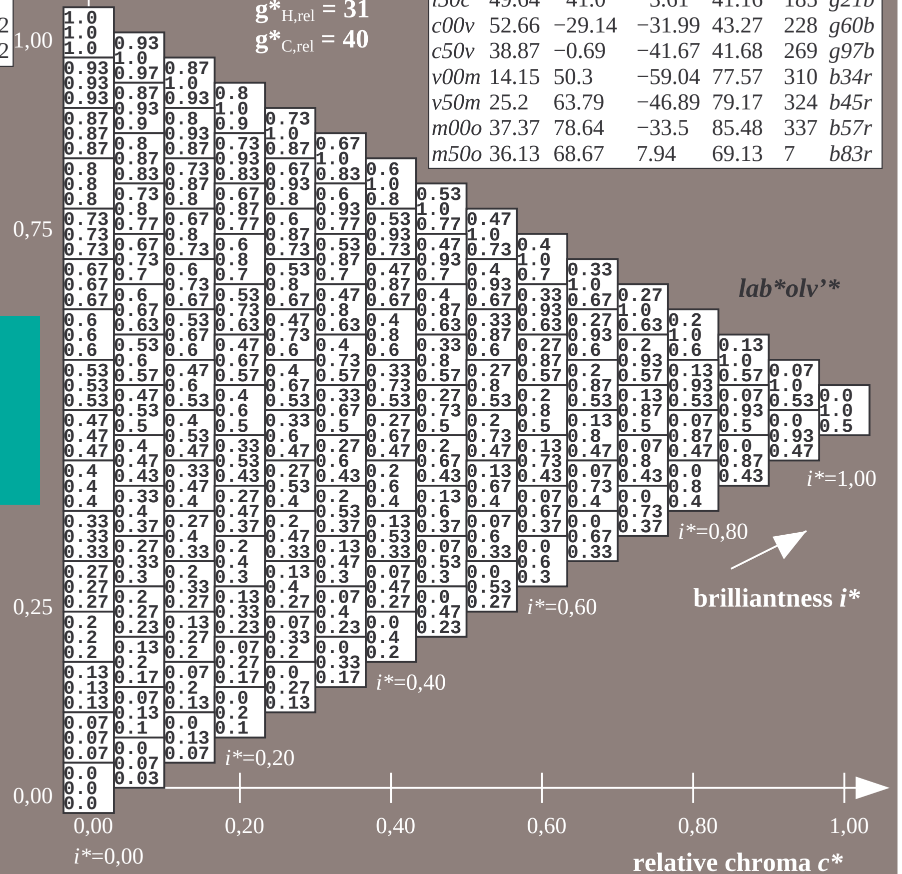
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 50 −41 −4
$LAB^*LCH^*_{Ma}$: 50 41 185
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

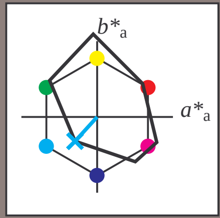
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$
*lab*olv'**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



FRS09_92a; CIELAB data

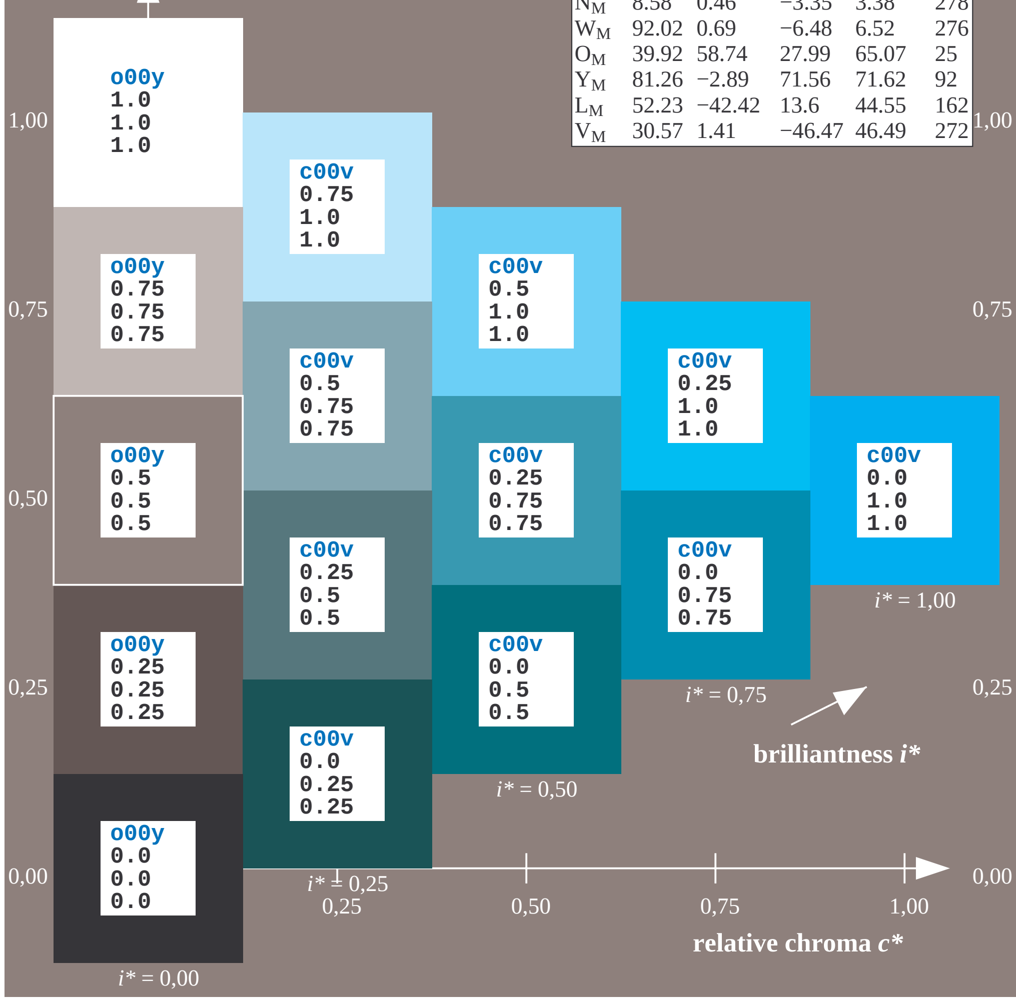
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

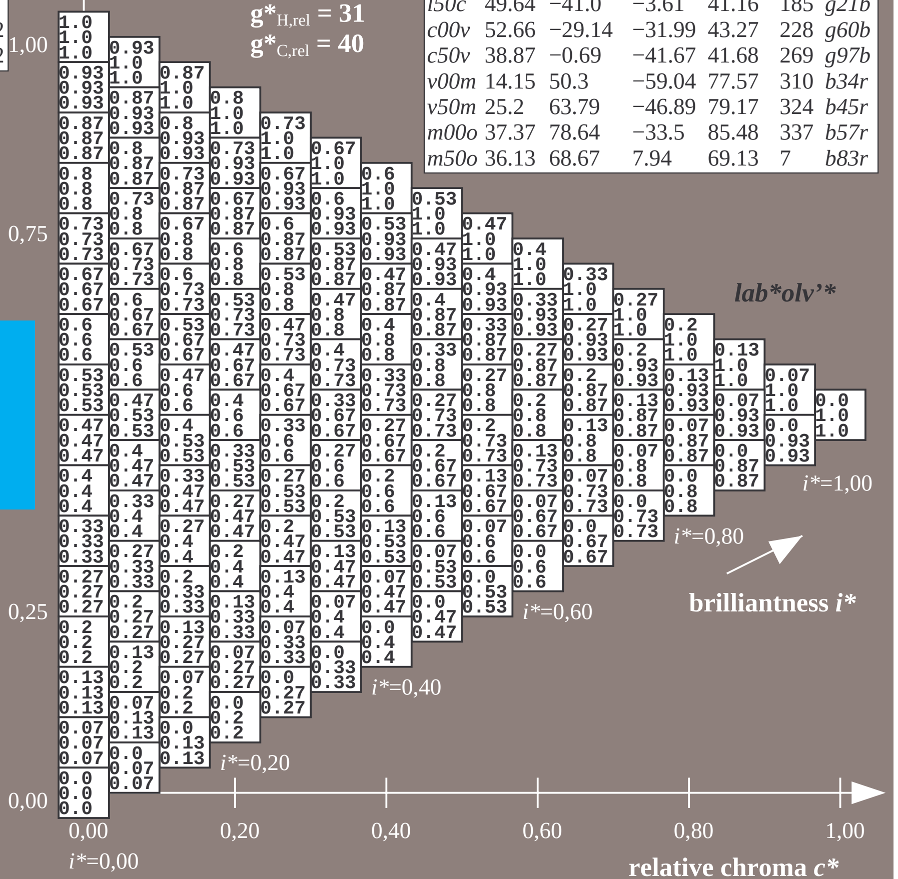
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 53 −29 −32**
***LAB*LCH**$_{Ma}$: 53 43 227**
***lab*olv**$_{Ma}$: 0.0 1.0 1.0**
***lab*rgb**$_{Ma}$: 0.0 0.8 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

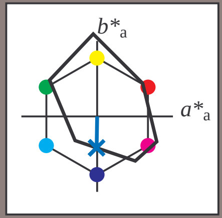
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

$u^*_d = c50v$
$lab^*olv'^*$

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data

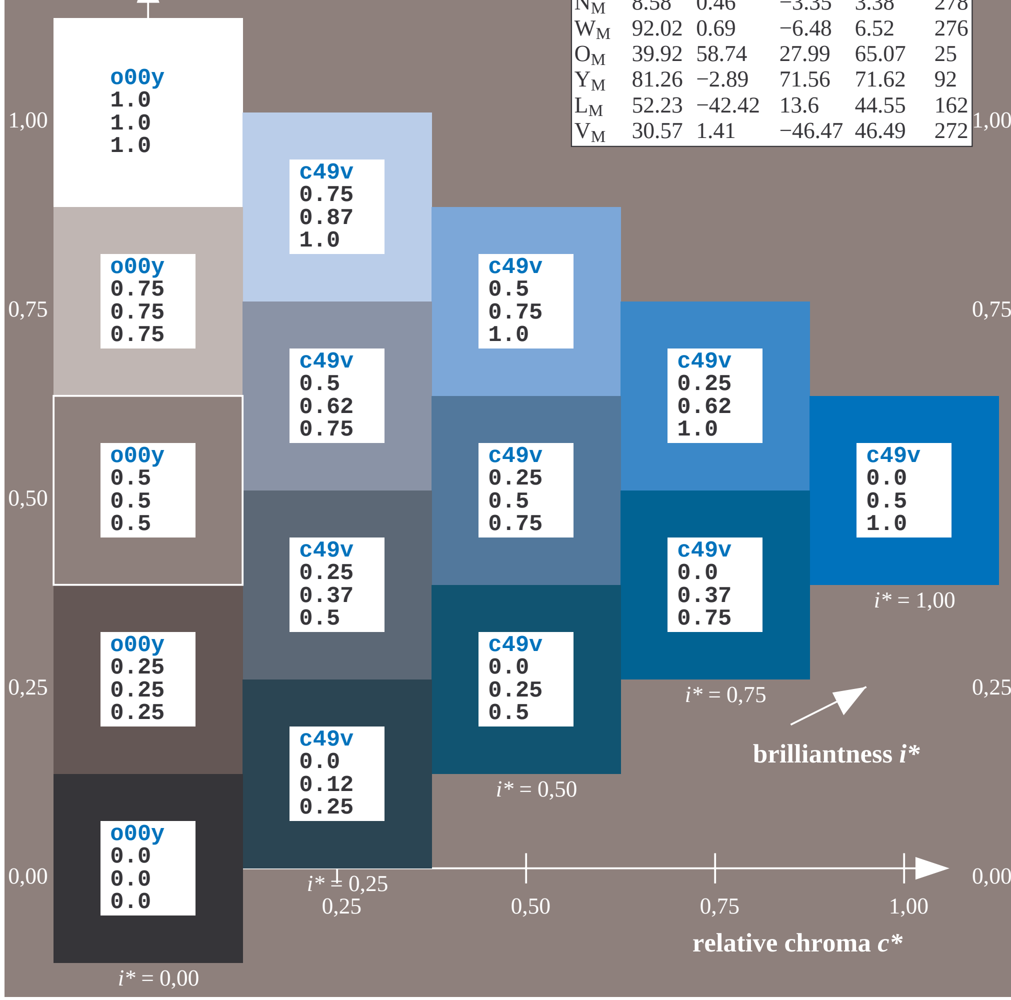
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

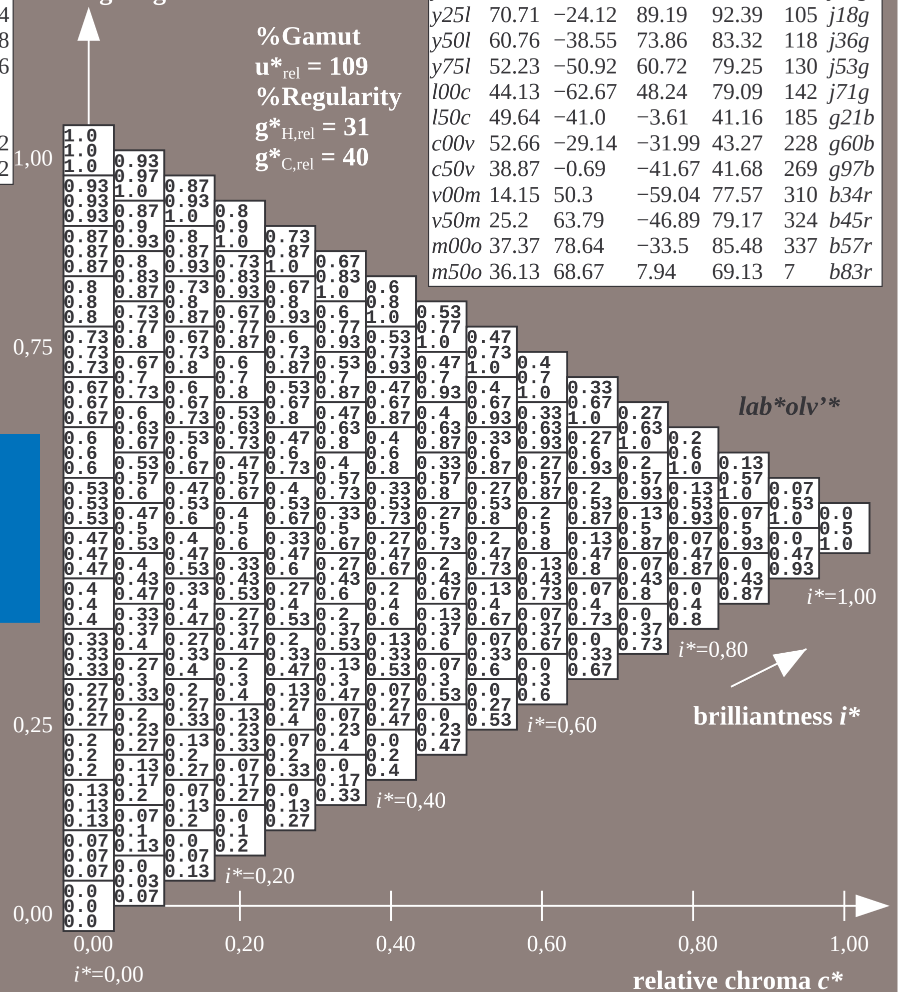
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 39 −1 −42
$LAB^*LCH^*_{Ma}$: 39 42 269
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

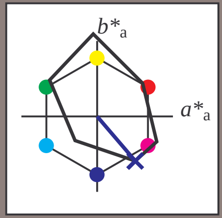
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

$u^*_d = v00m$

*lab*olv'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

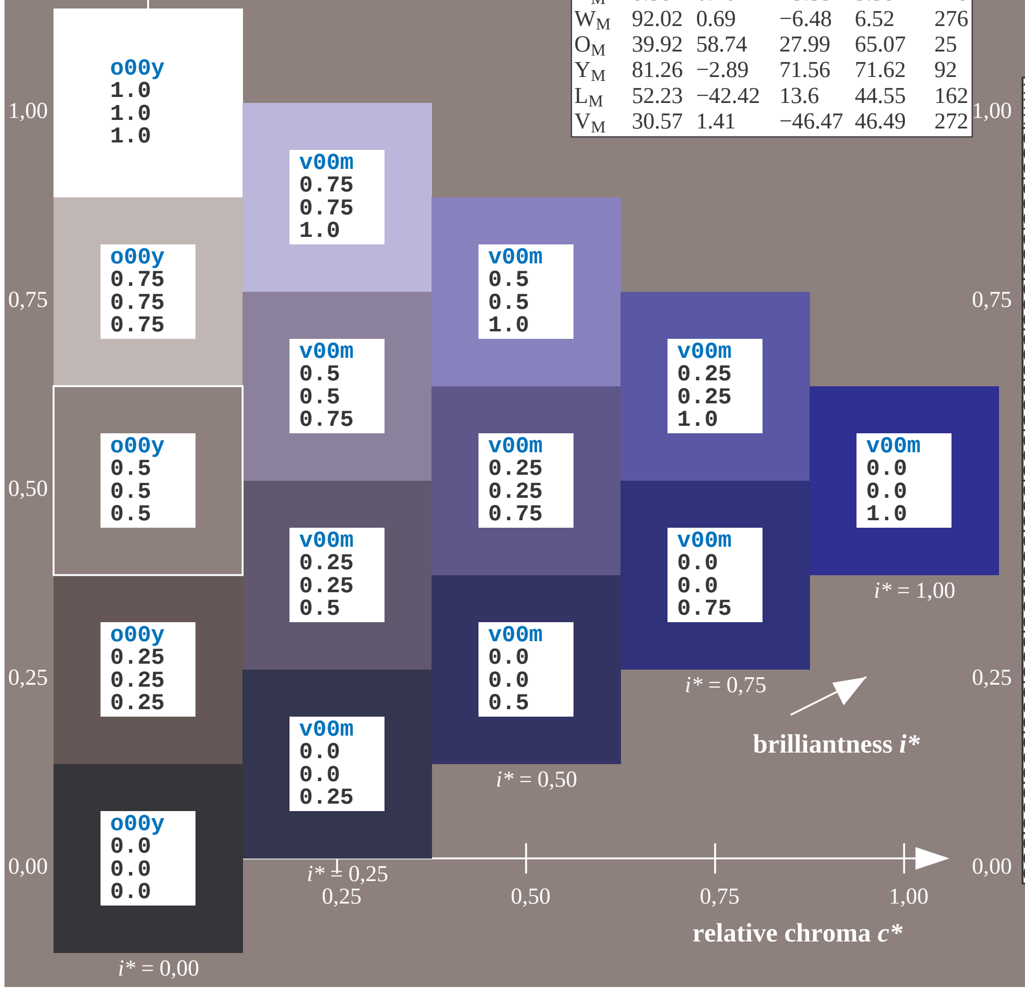


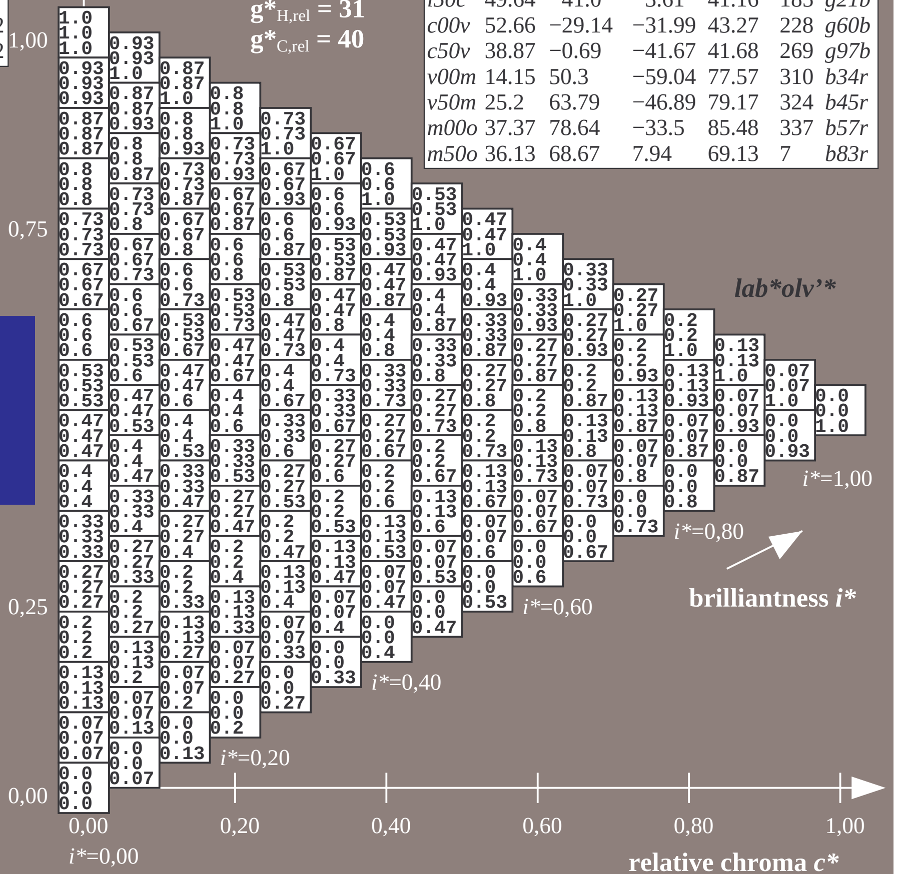
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 14 50 −59
*LAB*LCH**$_{Ma}$: 14 78 310
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.68 0.0 1.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

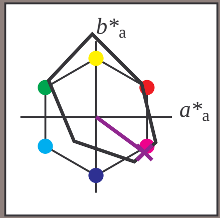
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

u^*_d = v50m
*lab*olv'**

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
u^*_d = v50m u^*_e = b45r
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

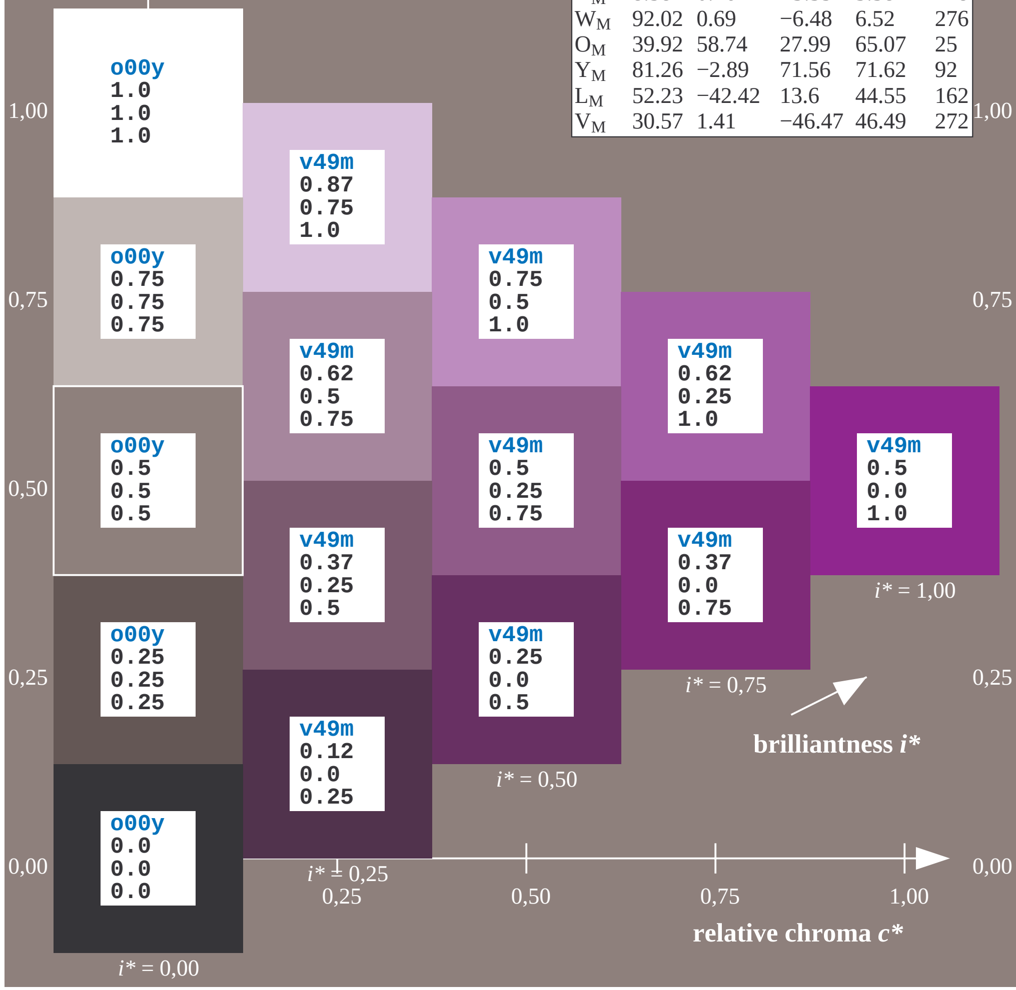


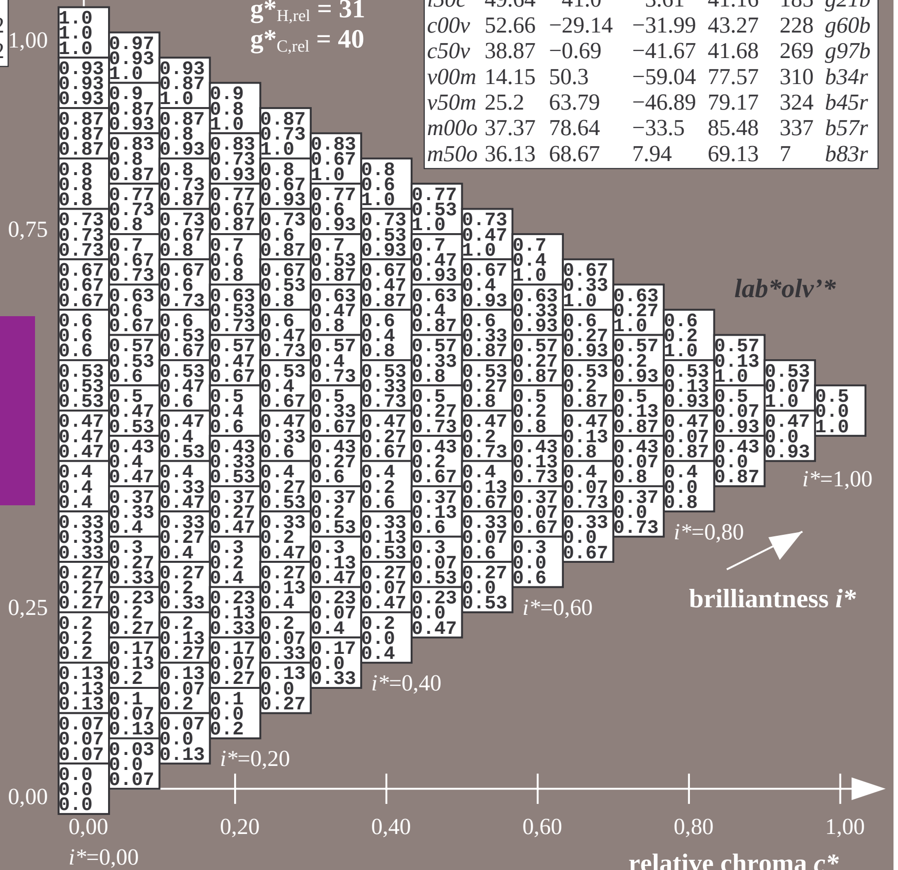
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: **25 64 −47**
$LAB^*LCH^*_{Ma}$: **25 79 323**
$lab^*olv^*_{Ma}$: **0.5 0.0 1.0**
$lab^*rgb^*_{Ma}$: **0.91 0.0 1.0**
triangle lightness t^*

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





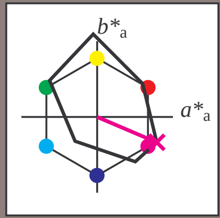
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$
*lab*olv'**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

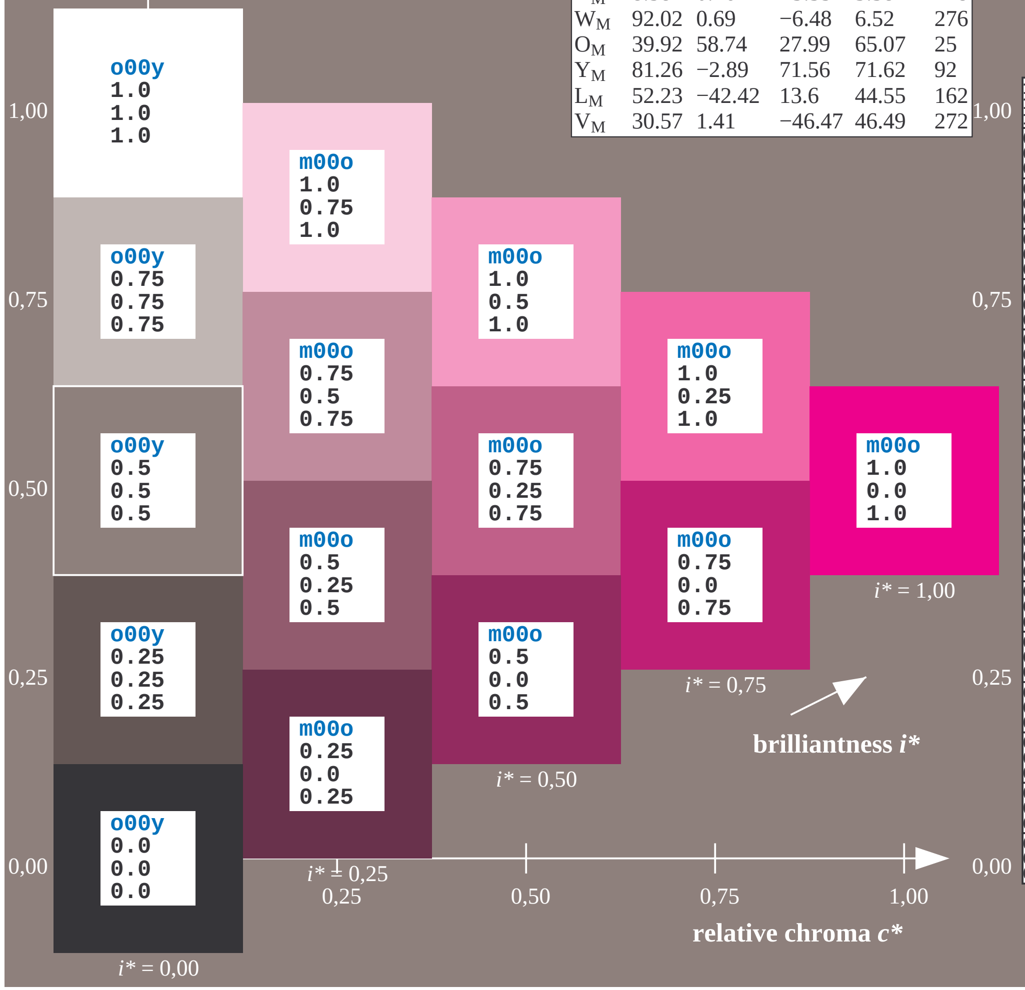


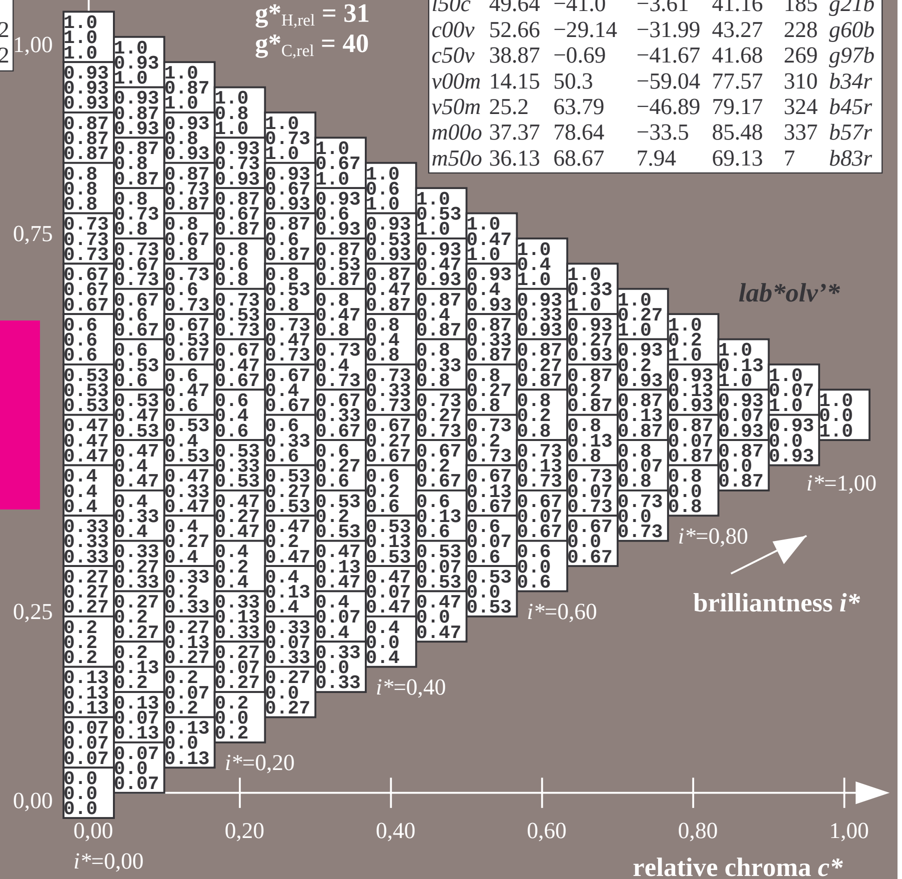
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 37 79 −34**
***$LAB^*LCH^*_{Ma}$*: 37 85 336**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 1.0**
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.85**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





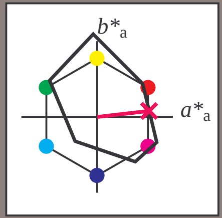
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

$u^*_d = m50o$
*lab*olv'**

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

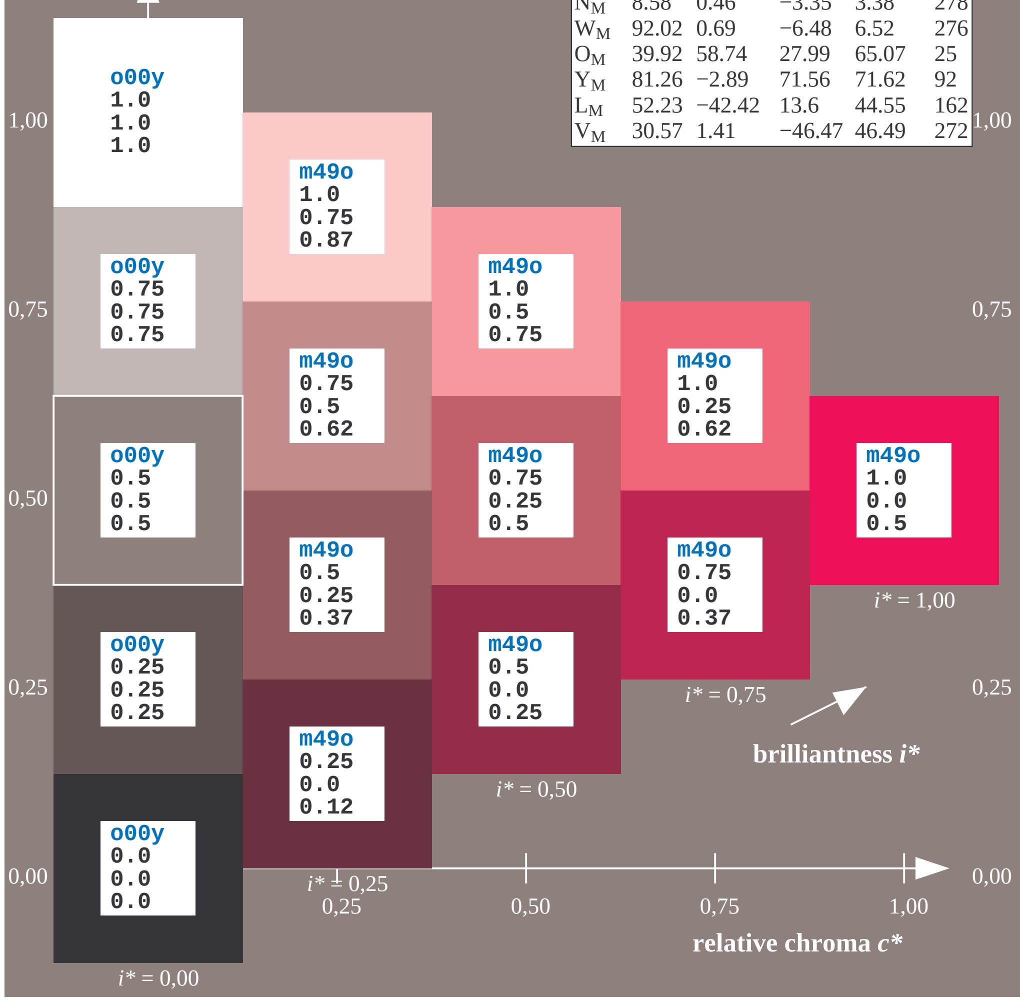


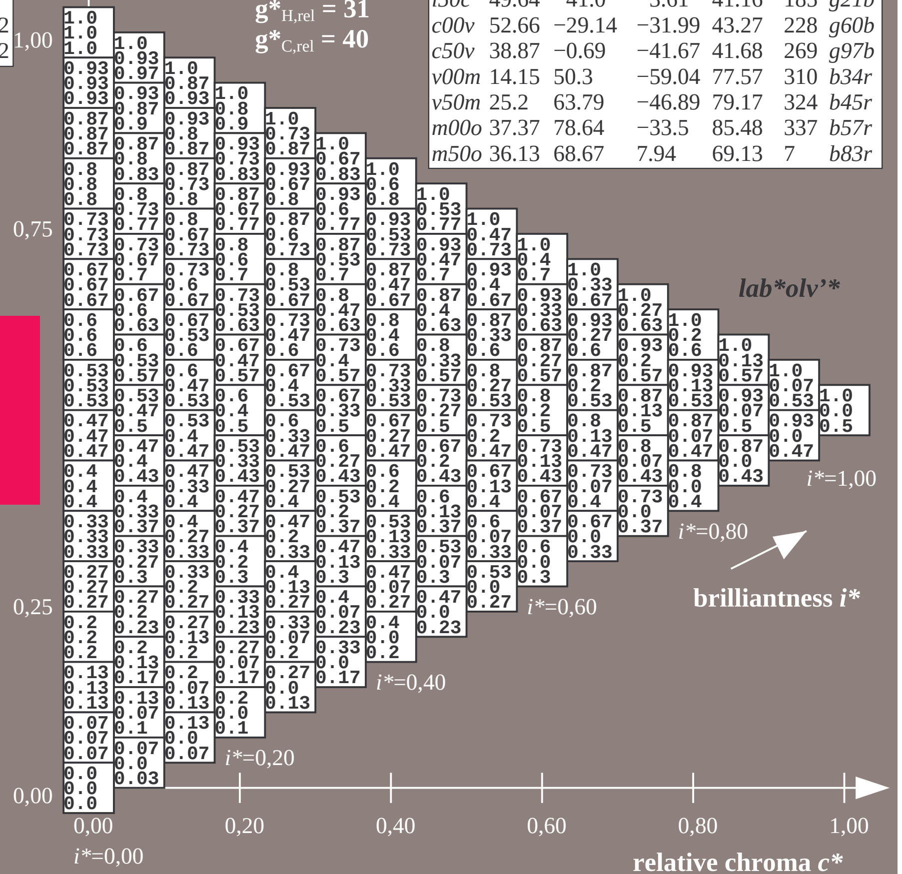
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
FRS09_92a; CIELAB data					
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 36 69 8**
***LAB*LCH**$_{Ma}$: 36 69 6**
***lab*olv**$_{Ma}$: 1.0 0.0 0.5**
***lab*rgb**$_{Ma}$: 1.0 0.0 0.33**
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
FRS09_92a; adapted (a) CIELAB data						
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*olv'*		
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13
	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38
	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63
	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.75	0.75	0.75	0.75
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.88	0.88	0.88	0.88
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.88	0.88	0.88	0.88
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0
10	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0
11	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.07	0.07	0.07	0.07
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.07	0.07	0.07	0.07
	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.07	0.07	0.07	0.07
12	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13	0.13
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13	0.13
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13
13	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.2	0.2	0.2	0.2
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.2	0.2	0.2	0.2
	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.2	0.2	0.2	0.2
14	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.27	0.27	0.27	0.27
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.27	0.27	0.27	0.27
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.27	0.27	0.27	0.27
15	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.33	0.33	0.33	0.33
	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.33	0.33	0.33	0.33
	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.33	0.33	0.33	0.33
16	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.4	0.4	0.4	0.4
	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.4	0.4	0.4	0.4
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.4	0.4	0.4	0.4
17	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.47	0.47	0.47	0.47
	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	1.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.47	0.47	0.47	0.47
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.47	0.47	0.47	0.47
18	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.53	0.53	0.53	0.53
	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.53	0.53	0.53	0.53
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.53	0.53	0.53	0.53
19	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.87	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.6	0.6	0.6	0.6
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6	0.6
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.6	0.6	0.6	0.6
20	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.87	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.67	0.67	0.67	0.67
	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.67	0.67	0.67	0.67
	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.67	0.67	0.67	0.67
21	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.87	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.73	0.73	0.73	0.73
	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.73	0.73	0.73	0.73
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.73	0.73	0.73	0.73
22	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.87	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.8	0.8	0.8	0.8
	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.8	0.8	0.8	0.8
	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.8	0.8	0.8	0.8
23	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.87	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.87	0.87	0.87	0.87
	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.87	0.87	0.87	0.87
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.87	0.87	0.87	0.87
24	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.87	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.93	0.93	0.93	0.93
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	1.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.93	0.93	0.93	0.93
	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.93	0.93	0.93	0.93
25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.87	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	1.0	1.0	1.0	1.0
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	1.0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0
26	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.88	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.0	1.0	1.0	0.0
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.0	0.0	1.0	1.0
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.88	0.88	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0
27	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.88	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	1.0	0.0	0.0	1.0
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de   Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF   BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

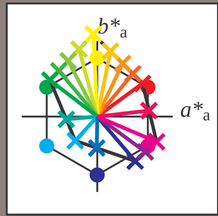
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*
contrast reduction factor:
c_R = 1.0

FRS09_92a; adapted (a) CIELAB data

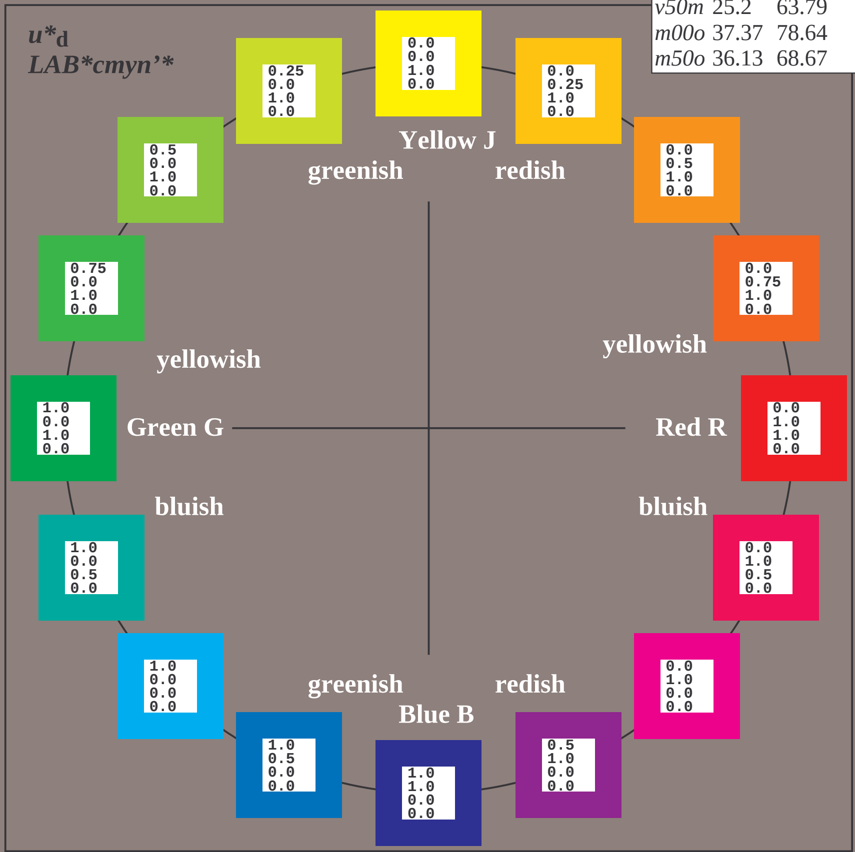
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

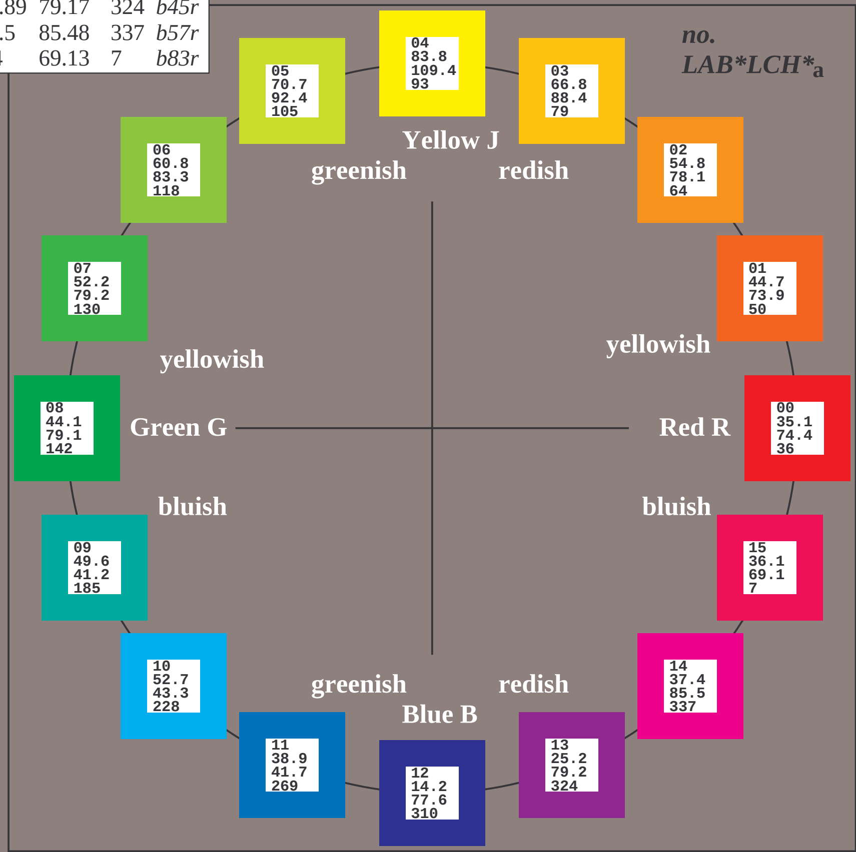


%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	−2.89	71.56	71.62	92
L_{CIE}	52.23	−42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	−46.47	46.49	272





BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

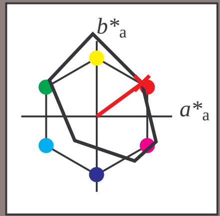
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de   Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue *h = *lab*h** = $h_{ab}/360$ = 0.101**

u$_d$ ***= o00y***
LAB*cmyn'*

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u$_d$ ***= o00y*** ***u****$_e$ ***= r16j***
contrast reduction factor:
c$_R$ **= 1.0**
triangle lightness *t**

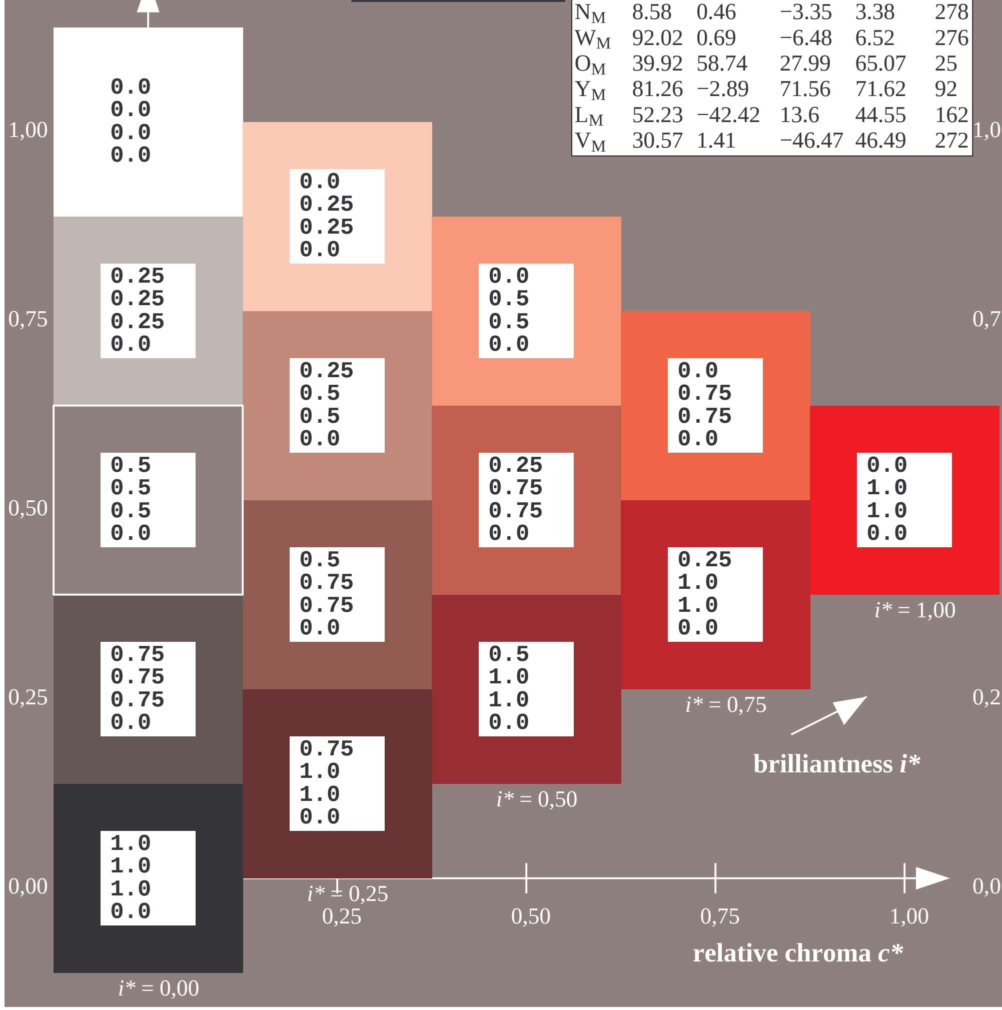


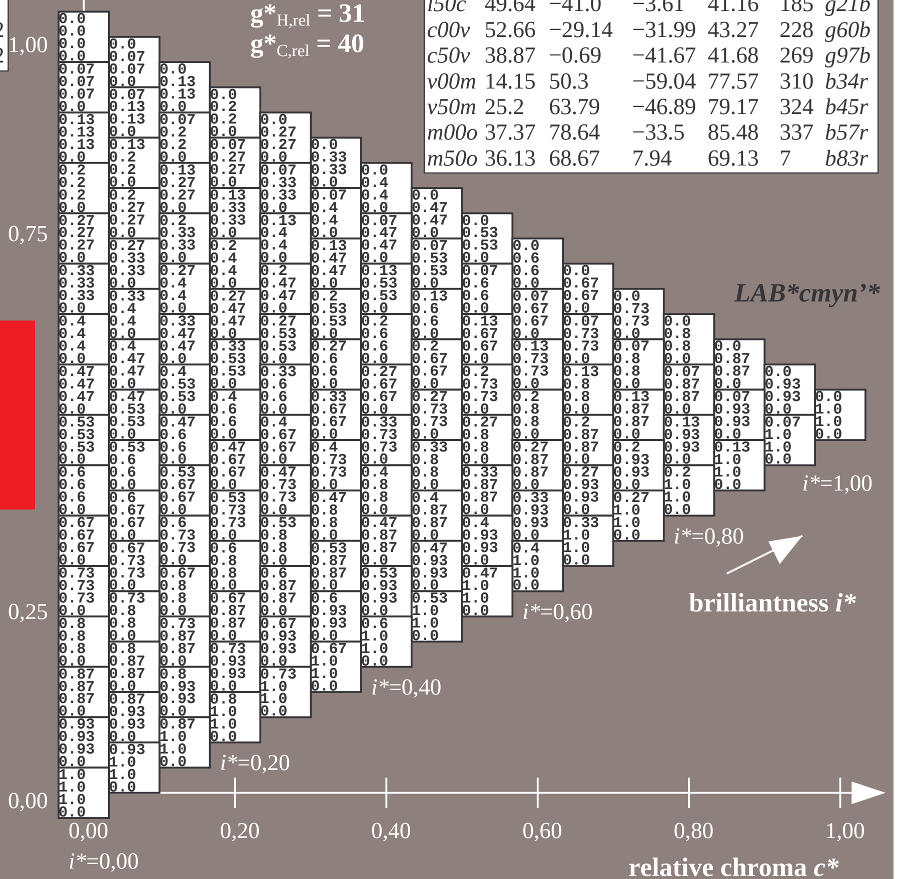
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 35 60 44**
LAB*LCH*$_{Ma}$**: 35 74 36**
lab*olv*$_{Ma}$**: 1.0 0.0 0.0**
lab*rgb*$_{Ma}$**: 1.0 0.16 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





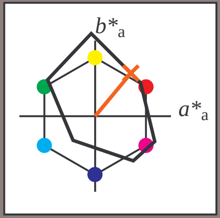
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

u^*_d = o25y
*LAB*cmyn'**

data for any colour:
lab*tch* and lab*icu*
Hue texts:
u^*_d = o25y u^*_e = r37j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

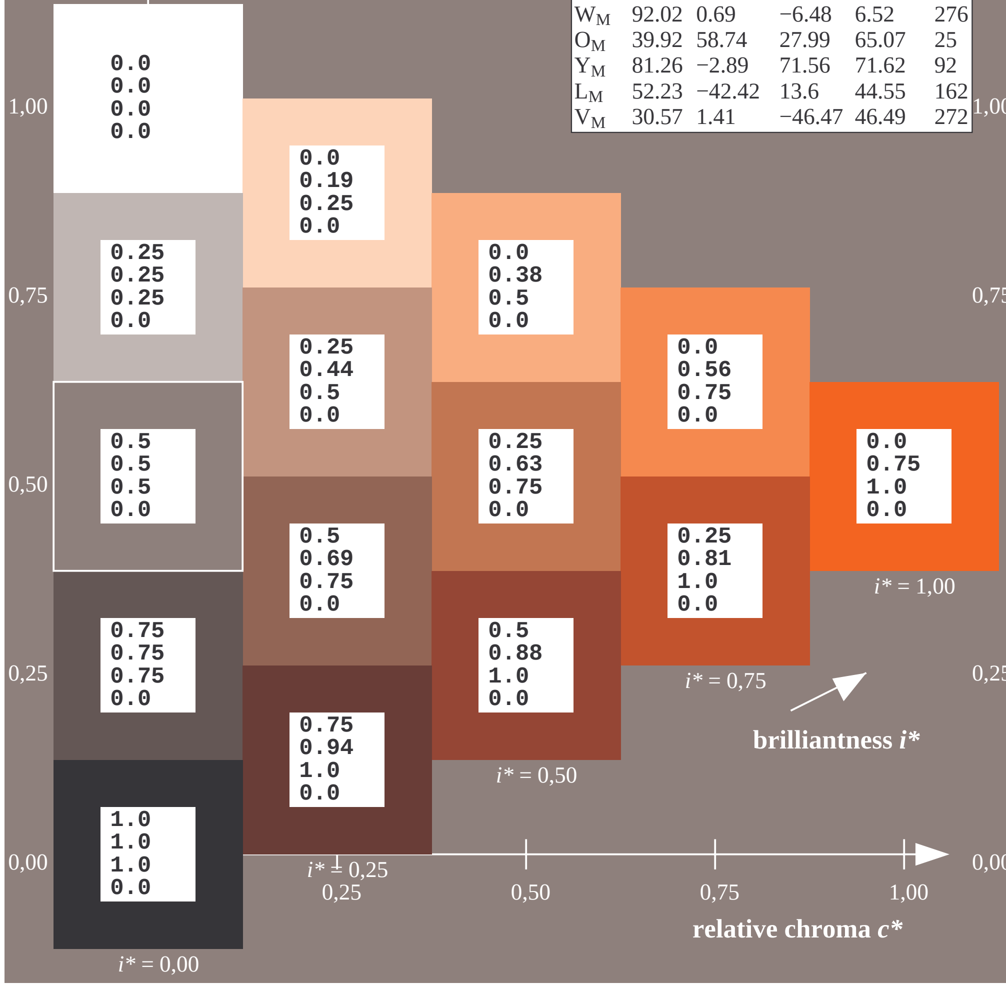


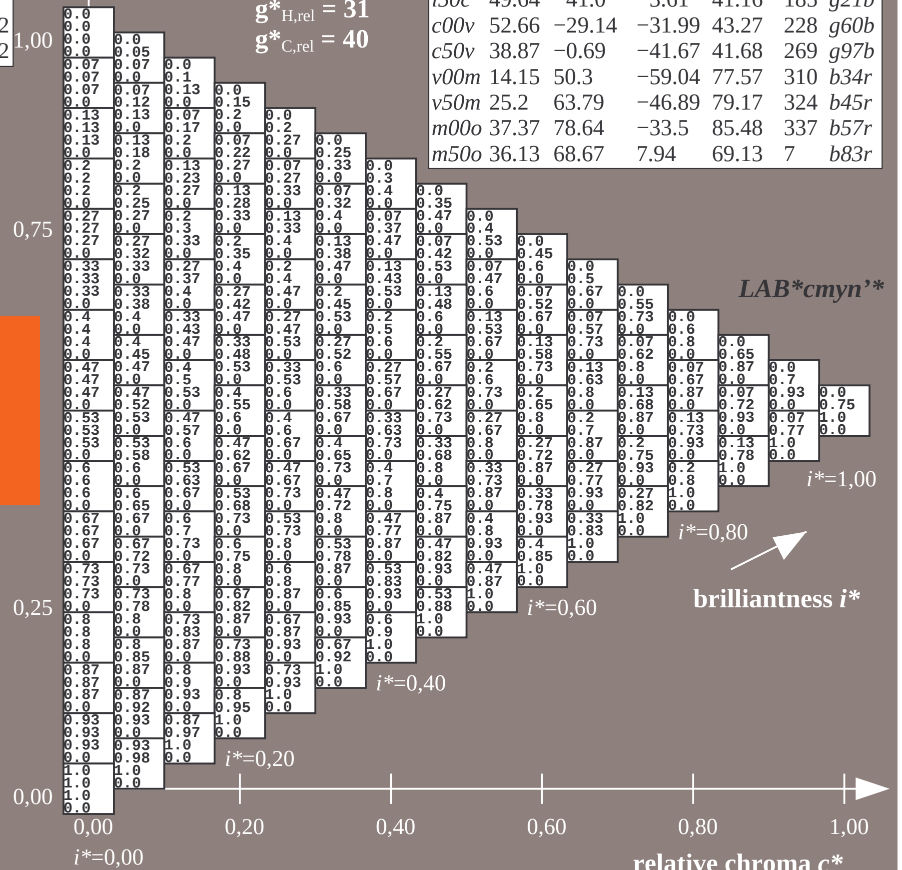
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 45 47 57
$LAB^*LCH^*_{Ma}$: 45 74 50
$lab^*olv^*_{Ma}$: 1.0 0.25 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





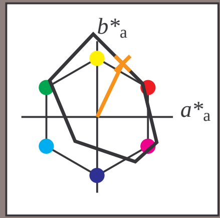
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

$u^*_d = o50y$
*LAB*cmyn'**

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = o50y$ $u^*_e = r58j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

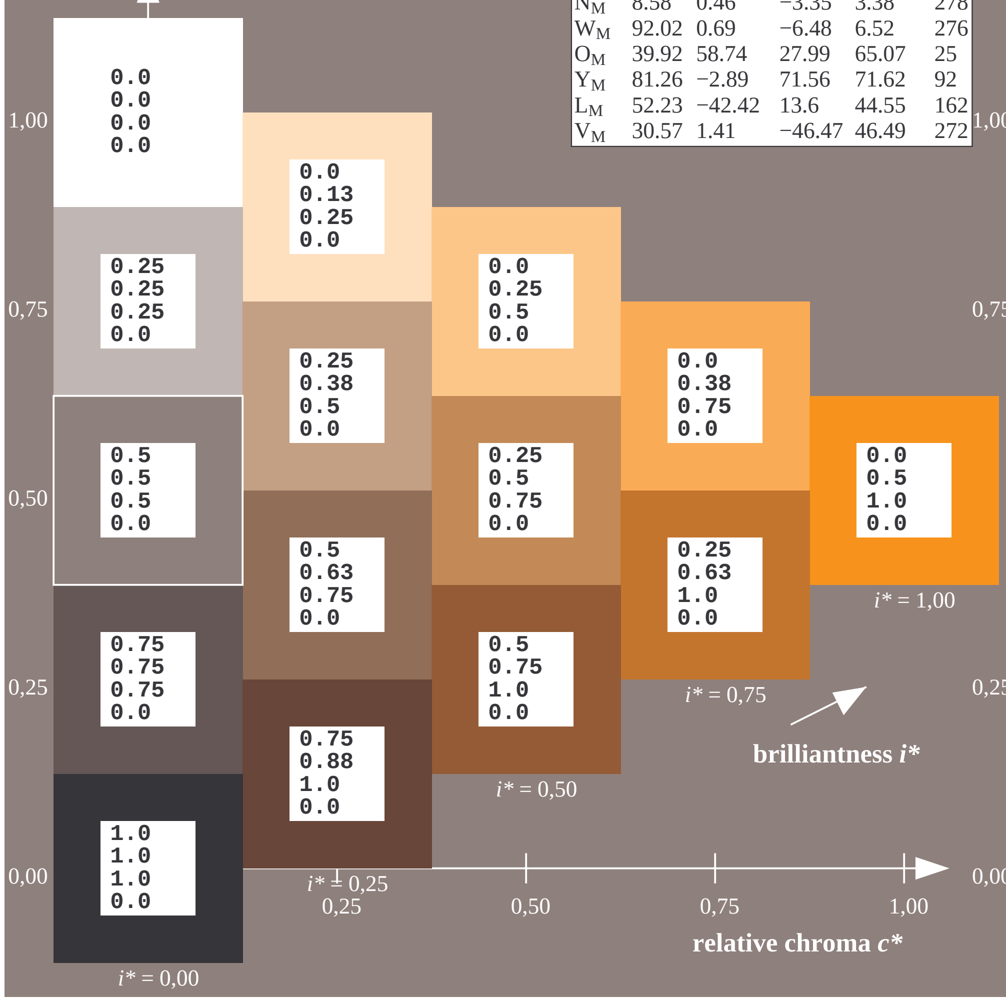


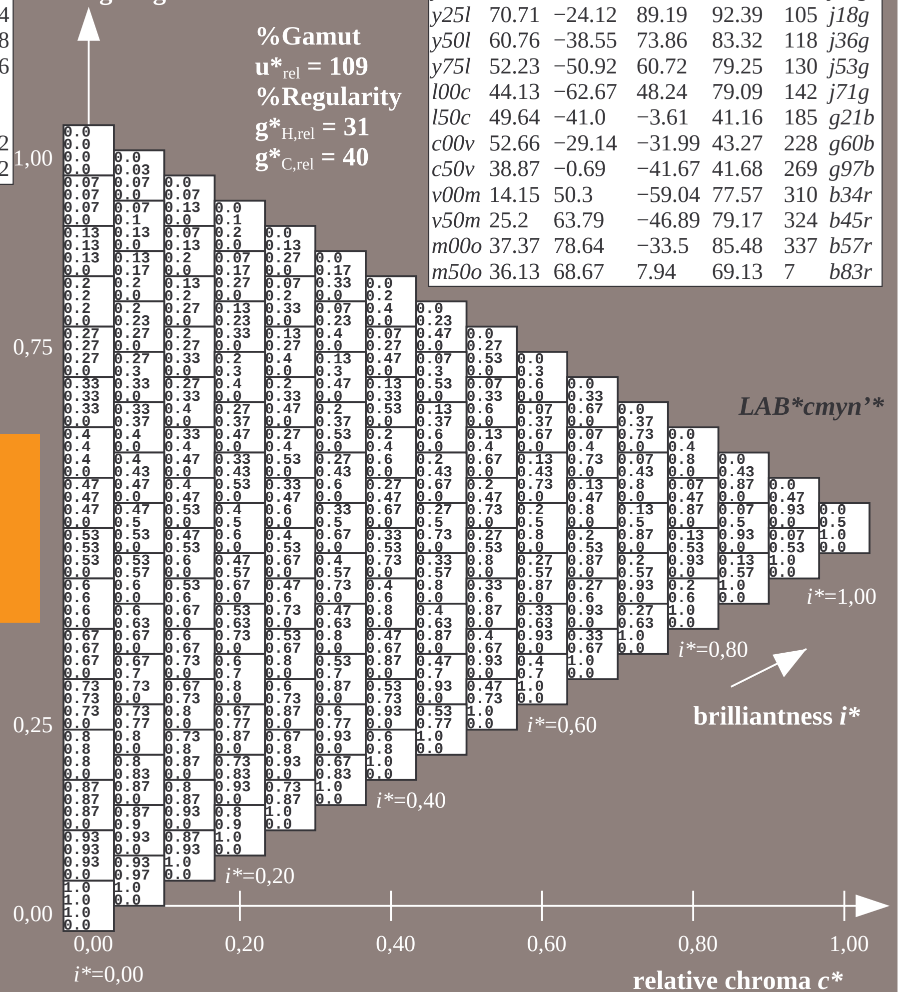
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
FRS09_92a; CIELAB data					
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 34 70
$LAB^*LCH^*_{Ma}$: 55 78 64
$lab^*olv^*_{Ma}$: 1.0 0.5 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
FRS09_92a; adapted (a) CIELAB data						
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





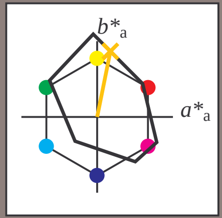
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

u^*_d = o75y
*LAB*cmyn'**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
u^*_d = o75y u^*_e = r79j
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

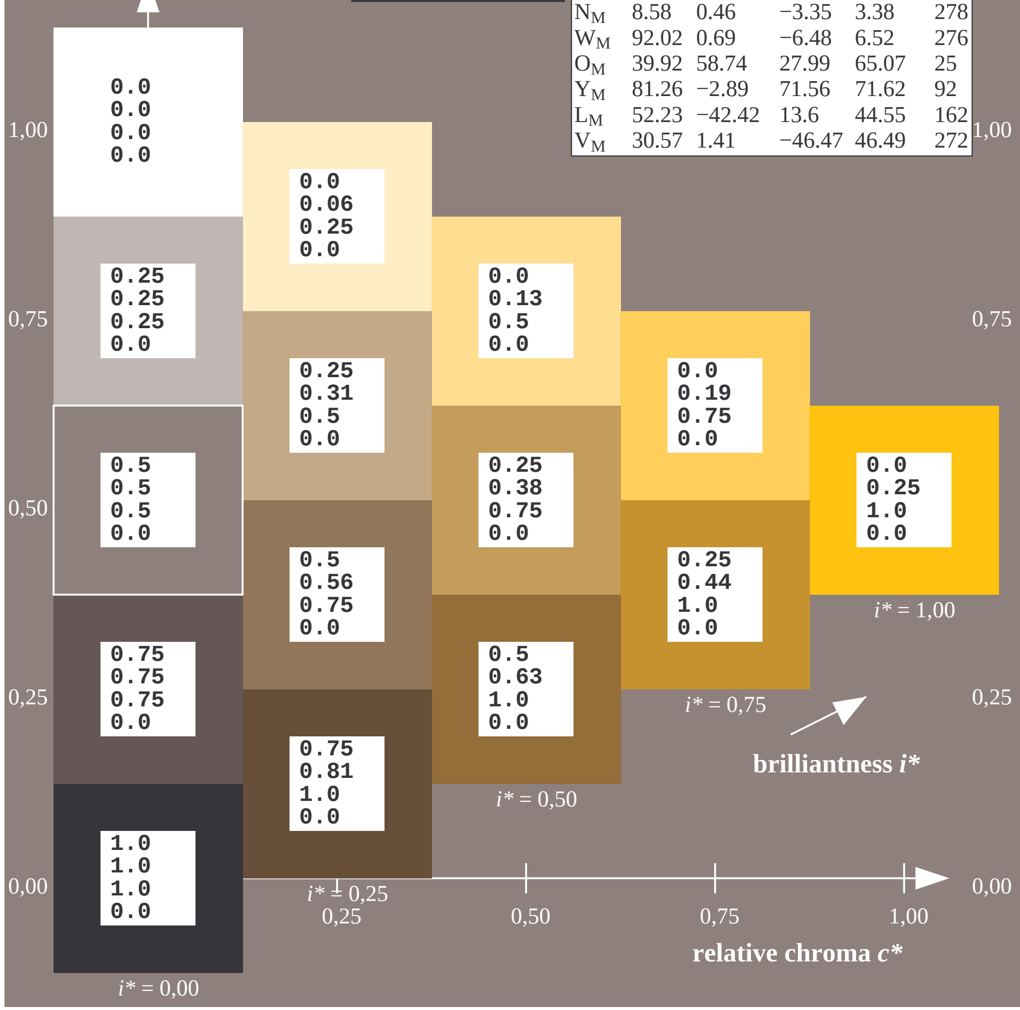


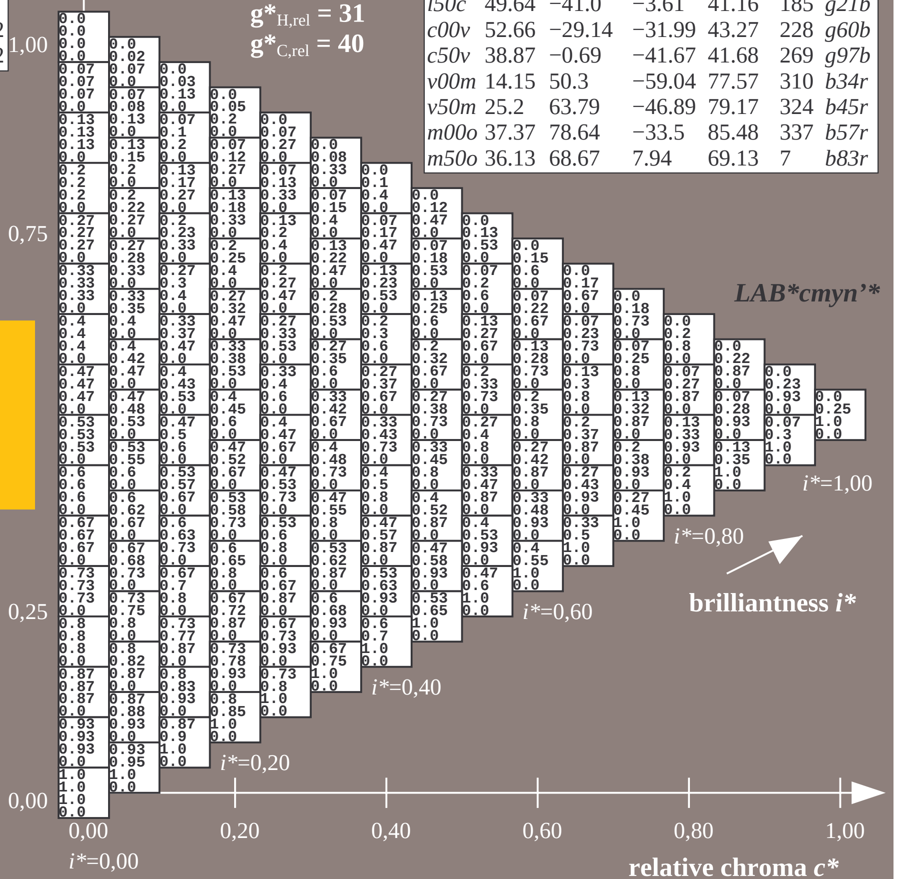
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 67 17 87**
***LAB*LCH*$_{Ma}$*: 67 88 78**
***lab*olv*$_{Ma}$*: 1.0 0.75 0.0**
***lab*rgb*$_{Ma}$*: 1.0 0.79 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 109
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 40

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$

*LAB*cmyn'**

data for any colour:

*lab*tch* and *lab*icu**

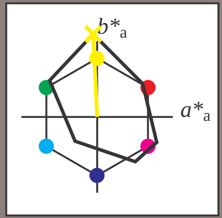
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 84 −5 109

$LAB^*LCH^*_{Ma}$: 84 109 92

$lab^*olv^*_{Ma}$: 1.0 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

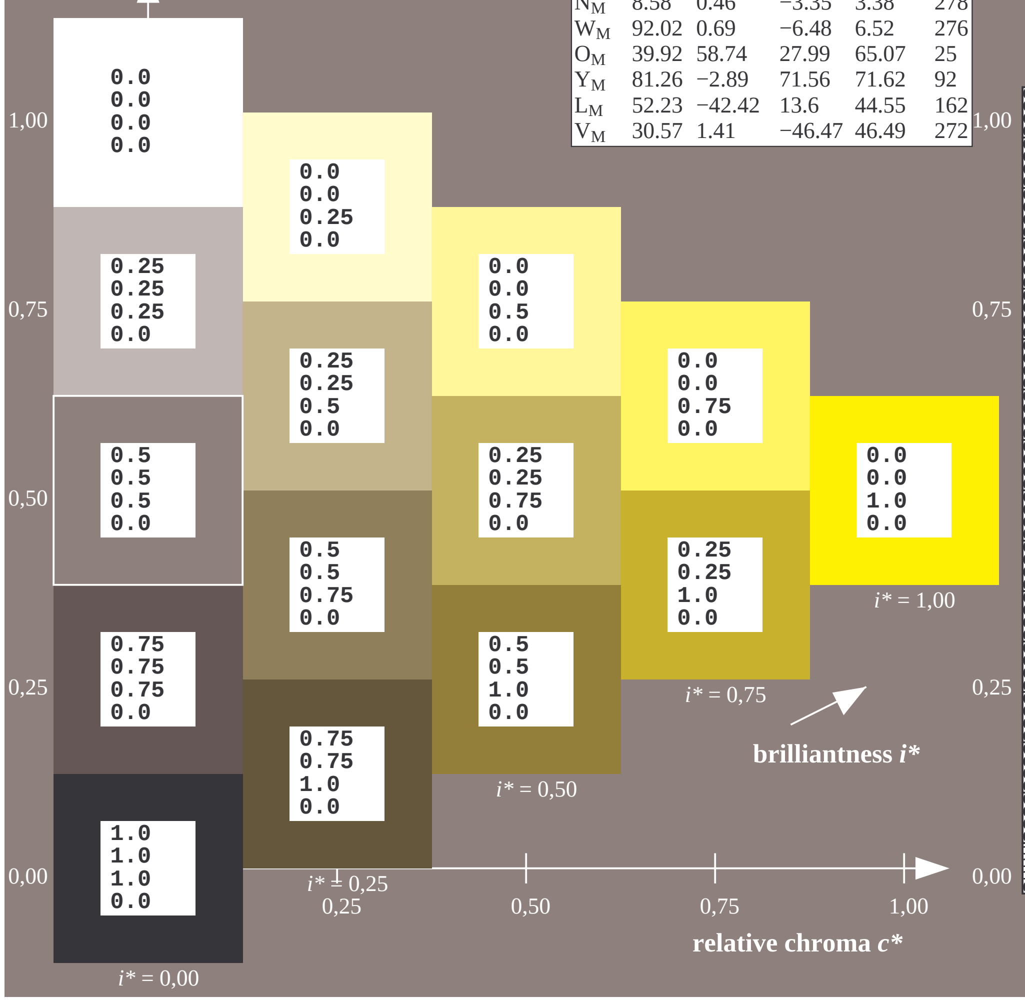
$u^*_{rel} = 109$

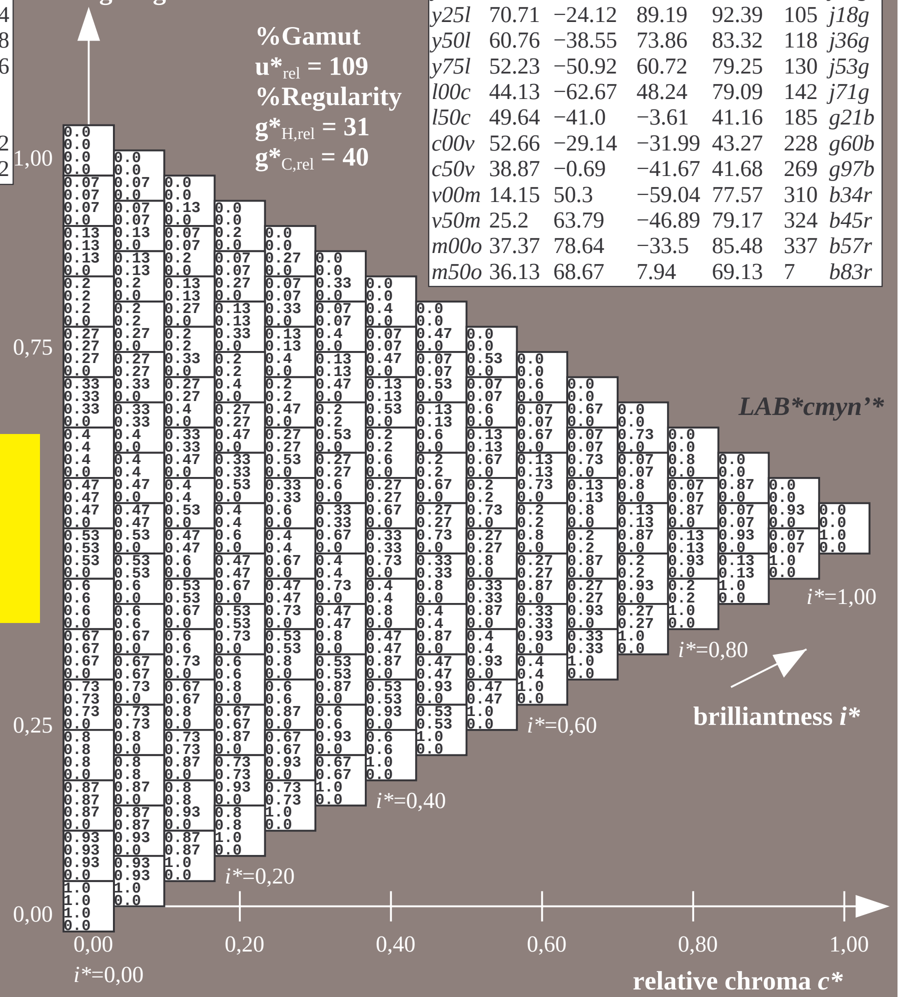
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

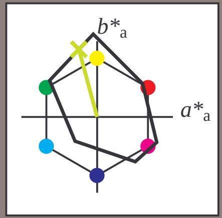
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

$u^*_d = y25l$

*LAB*cmyn'**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

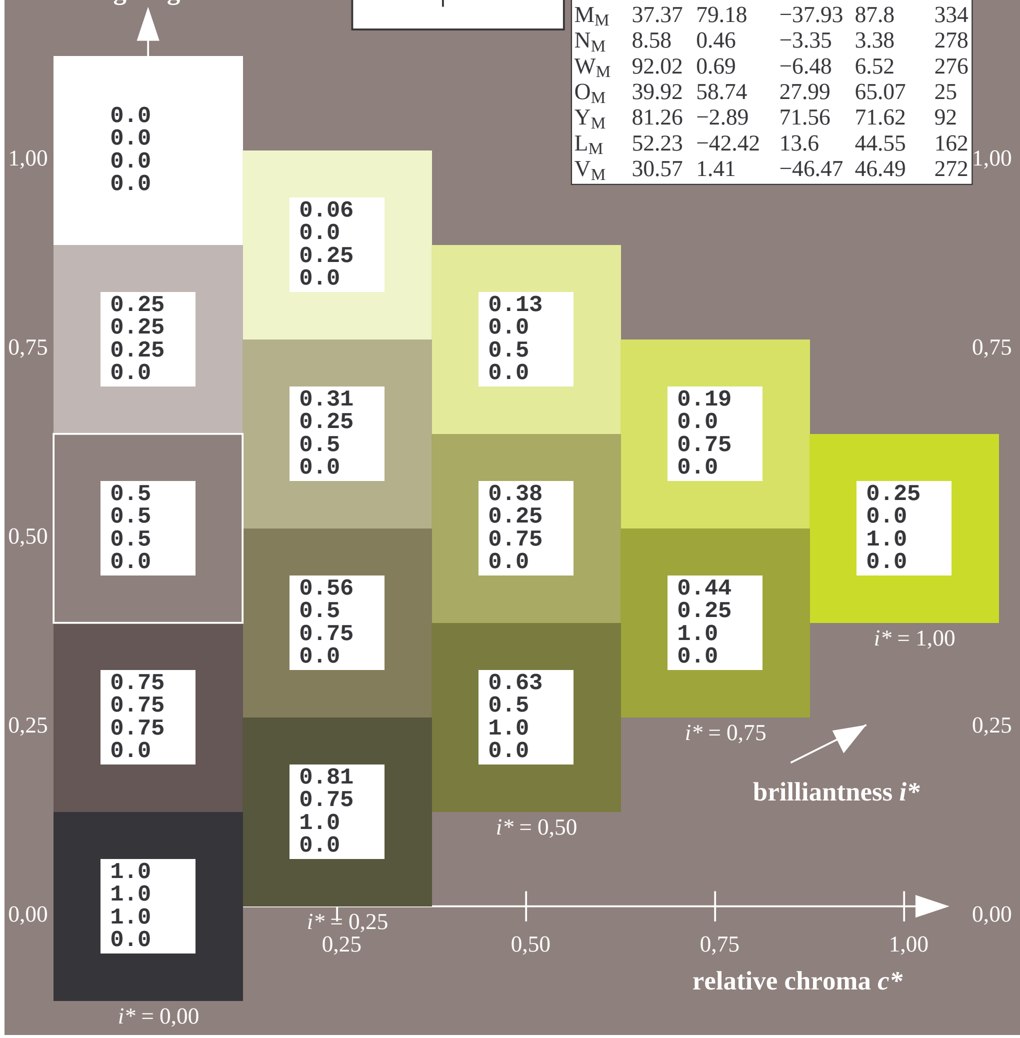


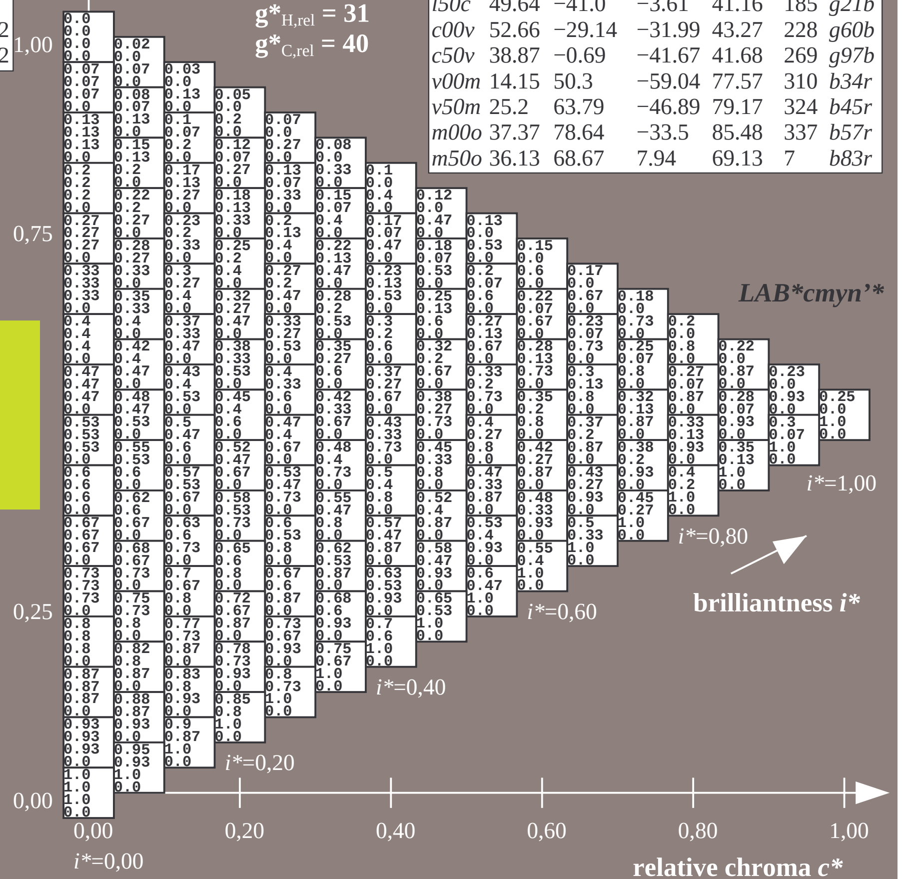
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 71 −24 89**
LAB*LCH*$_{Ma}$**: 71 92 105**
lab*olv*$_{Ma}$**: 0.75 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.82 1.0 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

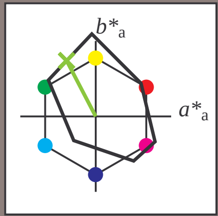
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

$u^*_d = y50l$

*LAB*cmyn'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

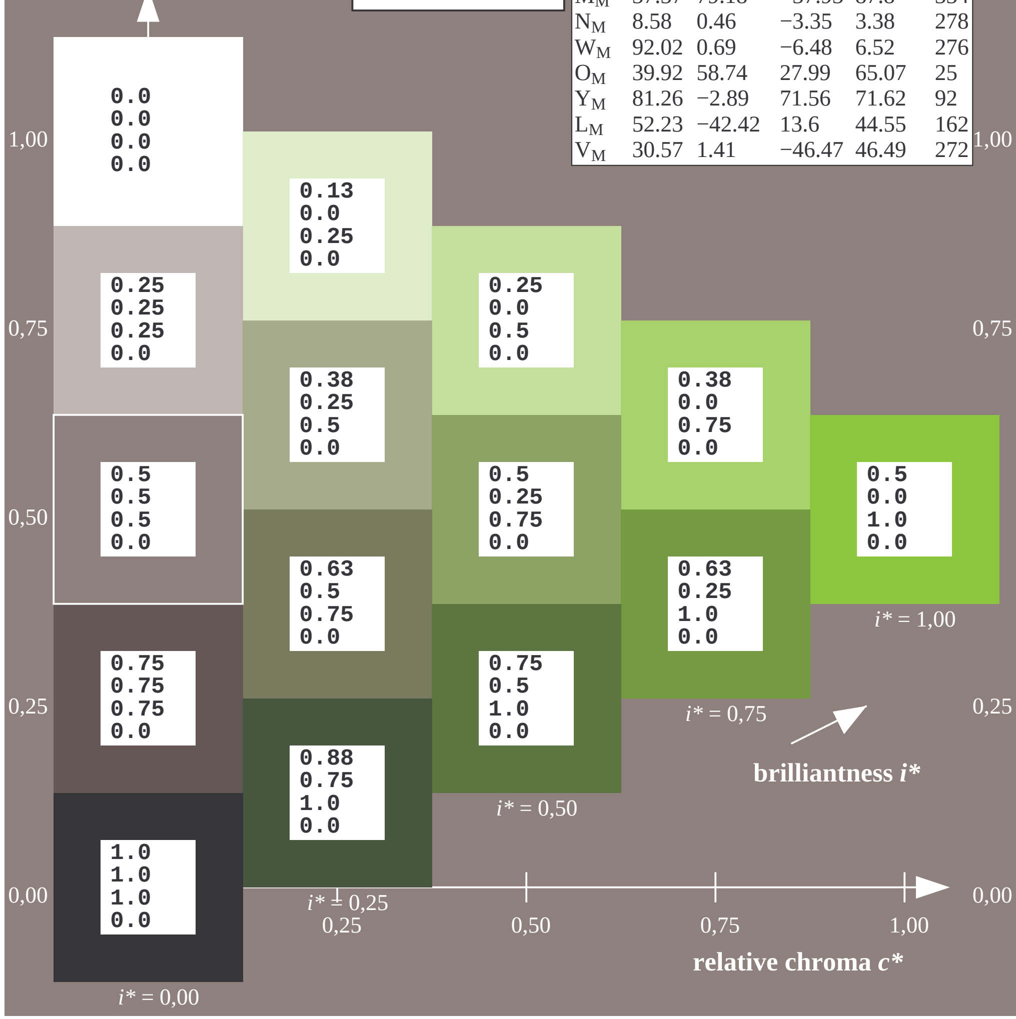


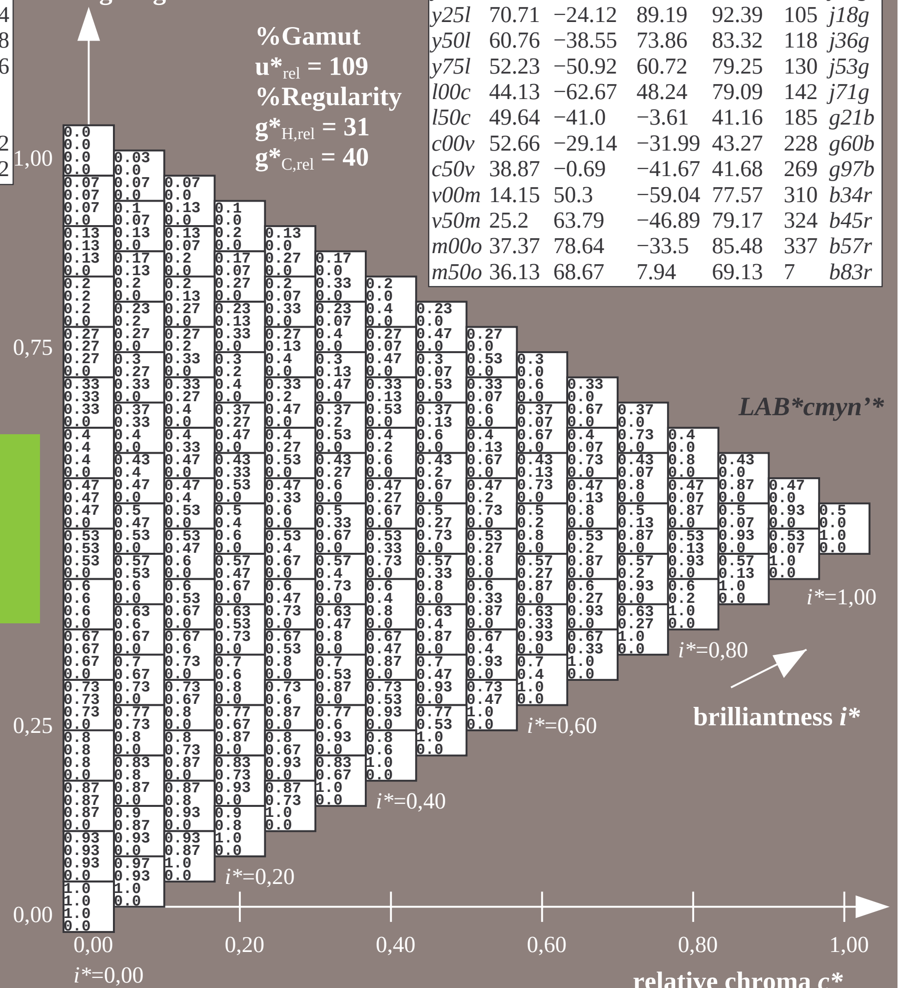
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 61 −39 74
*LAB*LCH**$_{Ma}$: 61 83 117
*lab*olv**$_{Ma}$: 0.5 1.0 0.0
*lab*rgb**$_{Ma}$: 0.64 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





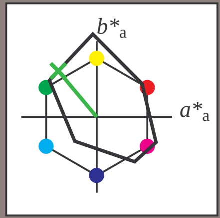
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

$u^*_d = y75l$
*LAB*cmyn'**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

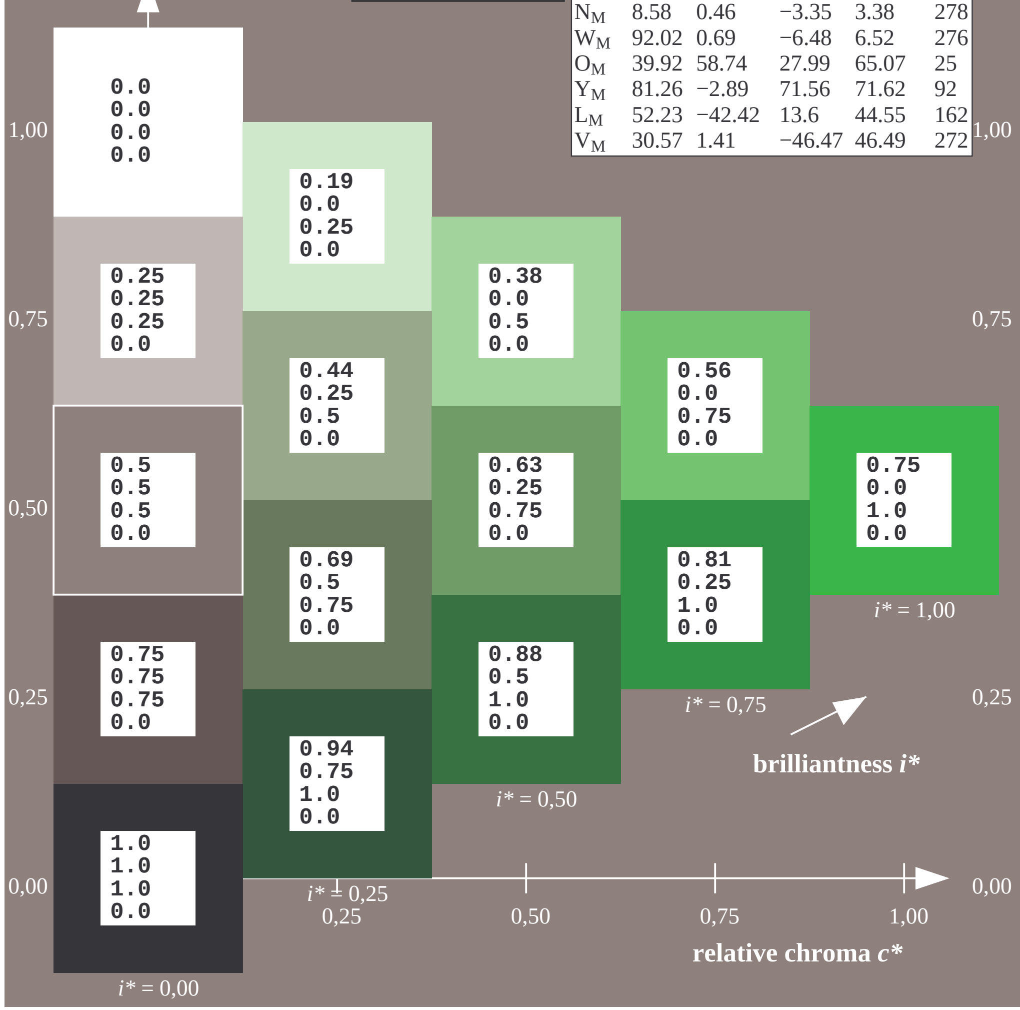


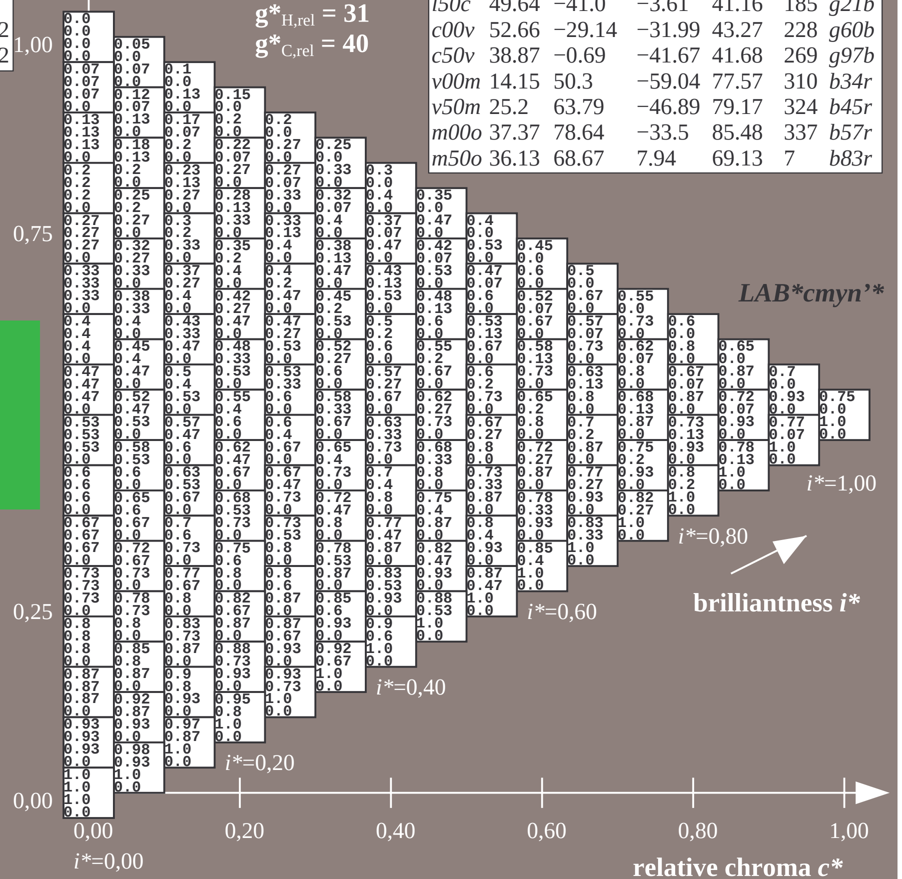
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 52 −51 61**
***$LAB^*LCH^*_{Ma}$*: 52 79 129**
***$lab^*olv^*_{Ma}$*: 0.25 1.0 0.0**
***$lab^*rgb^*_{Ma}$*: 0.46 1.0 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

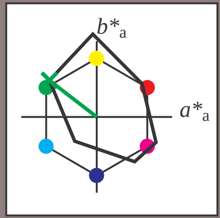
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

$u^*_d = l00c$
*LAB*cmyn'**

data for any colour:
lab*tch* and *lab*icu*
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

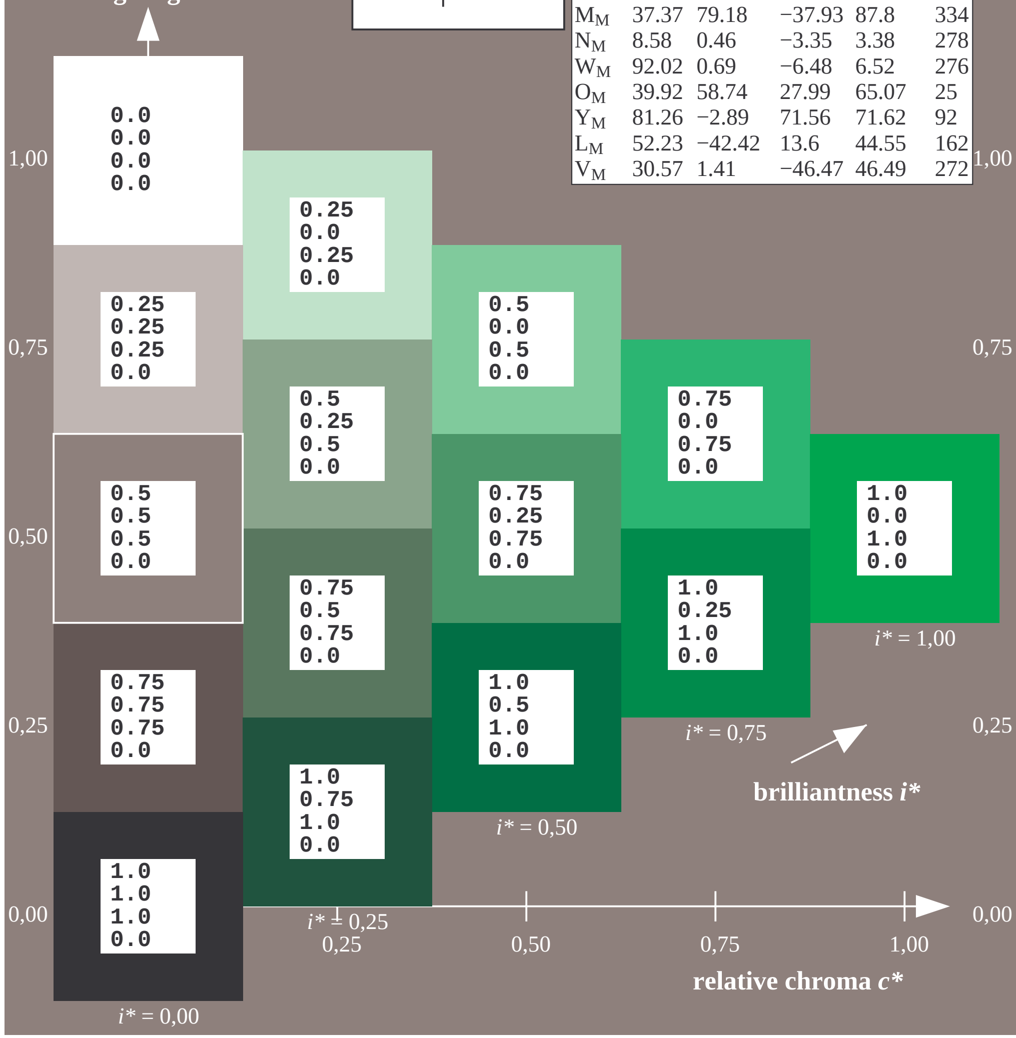


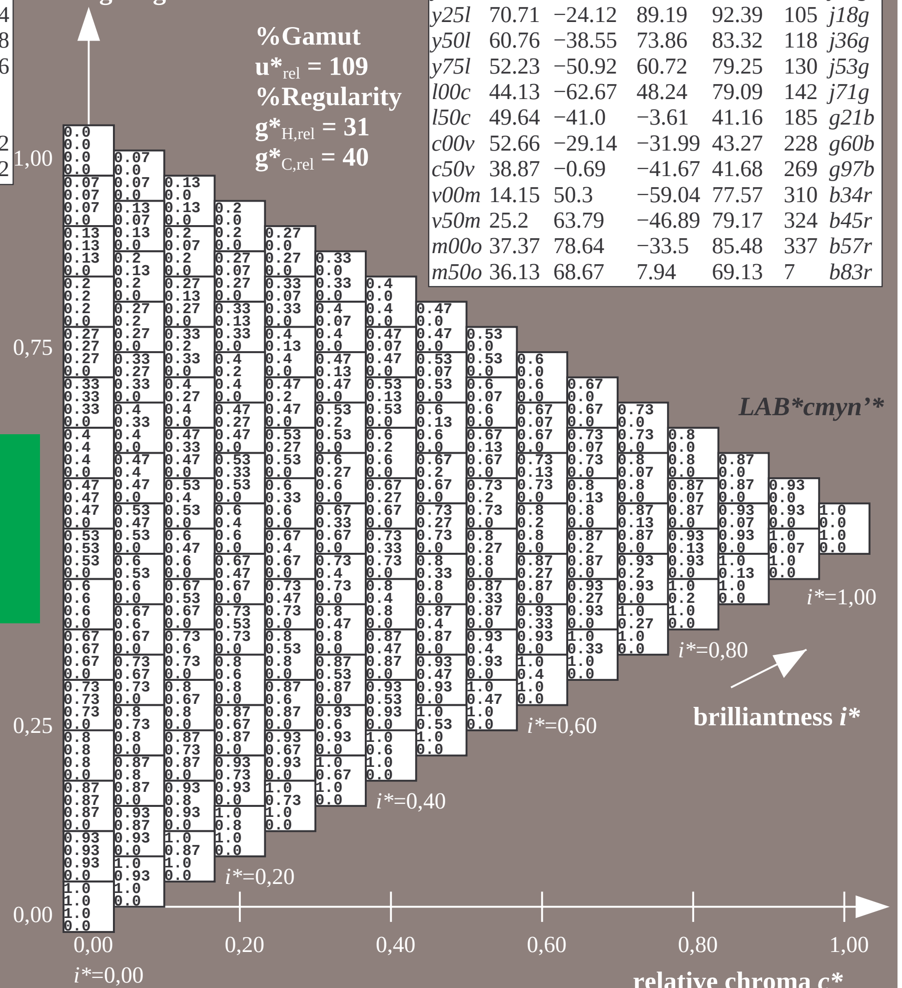
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 44 −63 48**
***LAB*LCH*$_{Ma}$*: 44 79 142**
***lab*olv*$_{Ma}$*: 0.0 1.0 0.0**
***lab*rgb*$_{Ma}$*: 0.28 1.0 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$ *u^*_d = l50c*

data for any colour: *LAB*cmyn'**

*lab*tch* and lab*icu**

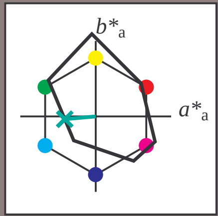
Hue texts:

u^*_d = l50c *u^*_e = g21b*

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 −41 −4

$LAB^*LCH^*_{Ma}$: 50 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

%Gamut

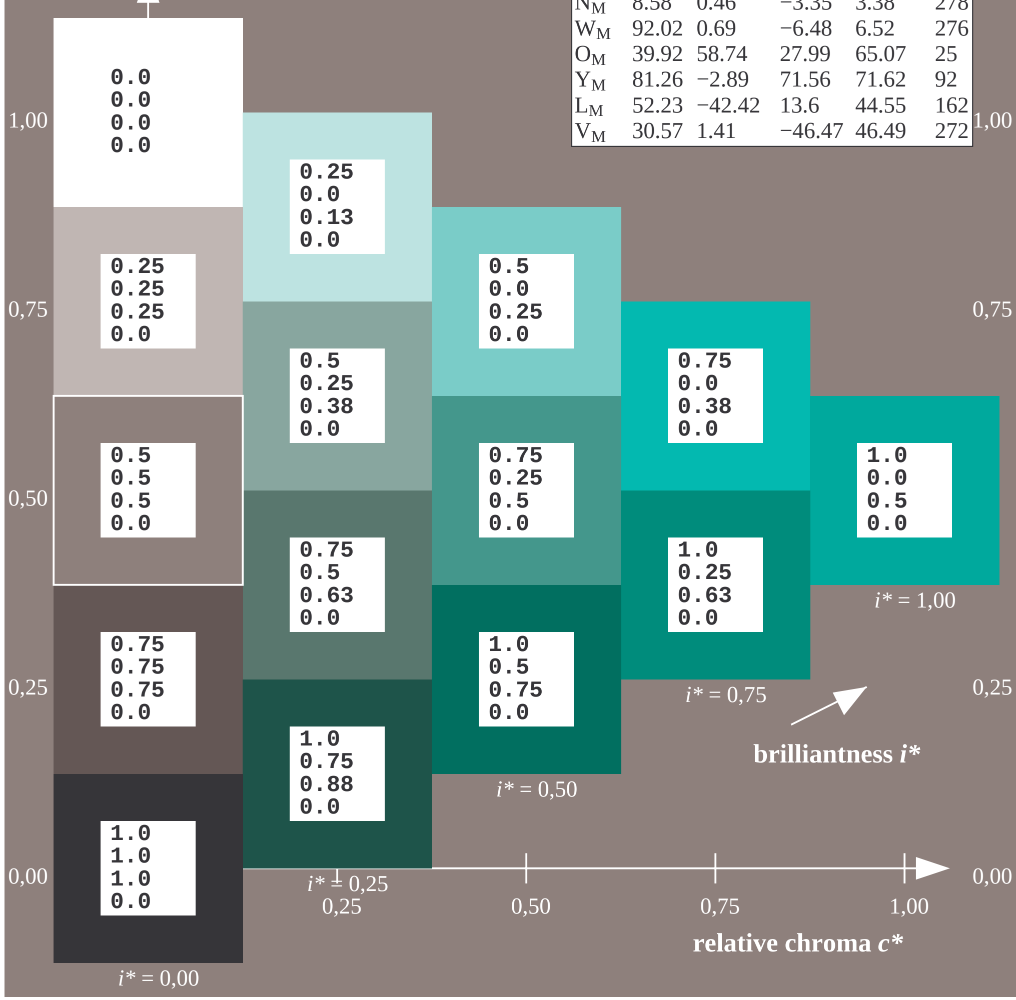
$u^*_{rel} = 109$

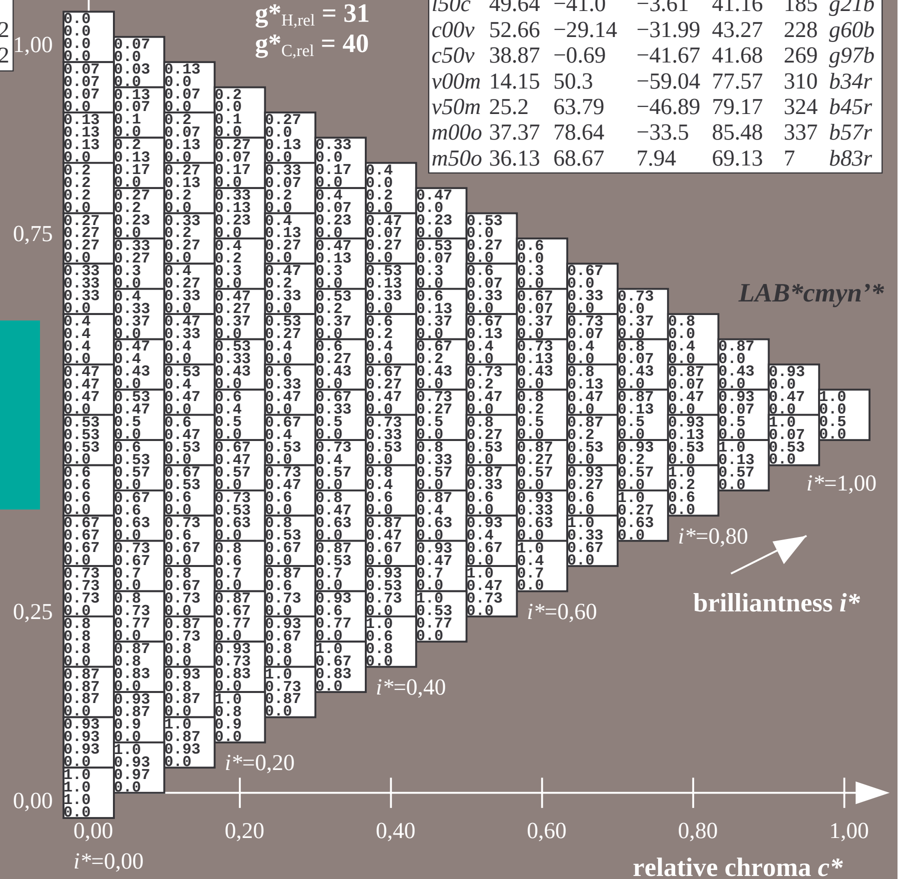
%Regularity

$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

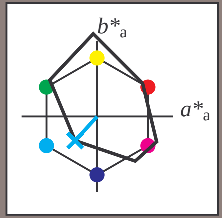
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

$u^*_d = c00v$
*LAB*cmyn'**

data for any colour:
*lab*tch* and lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data

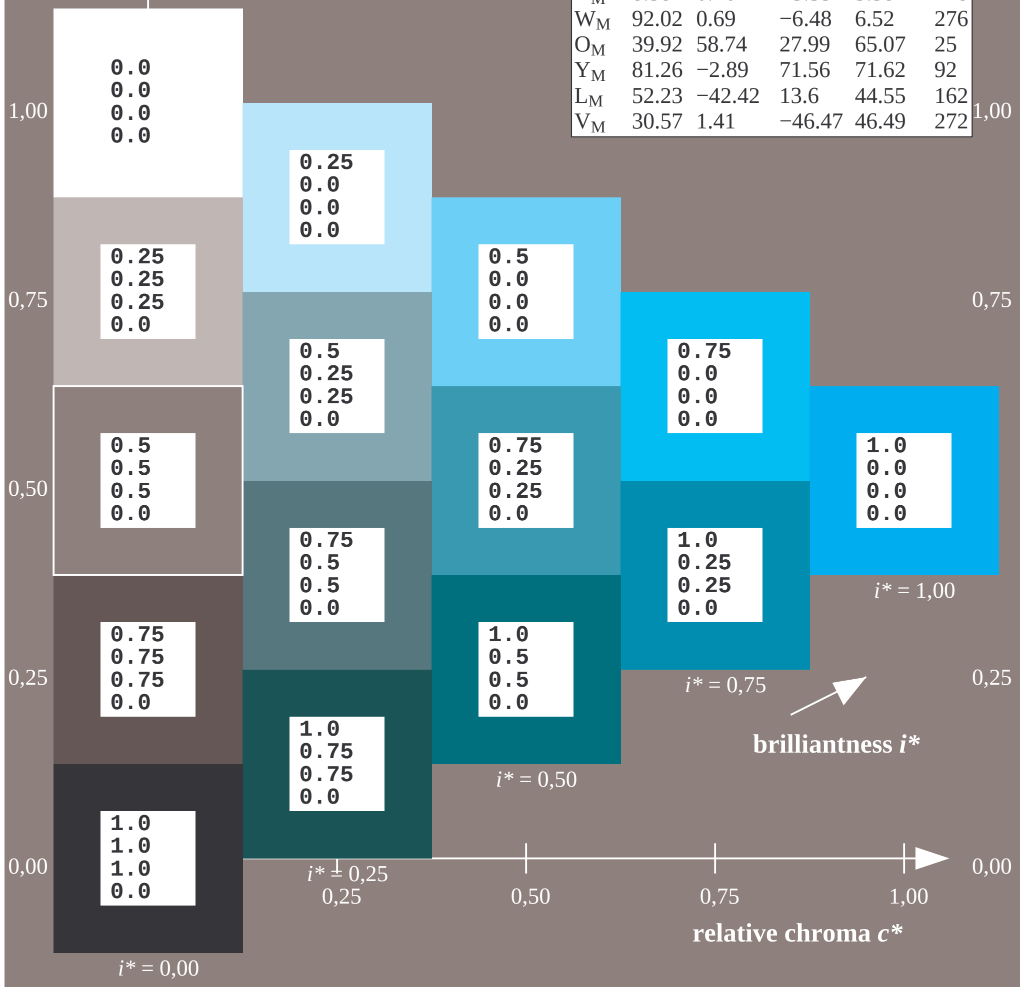
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

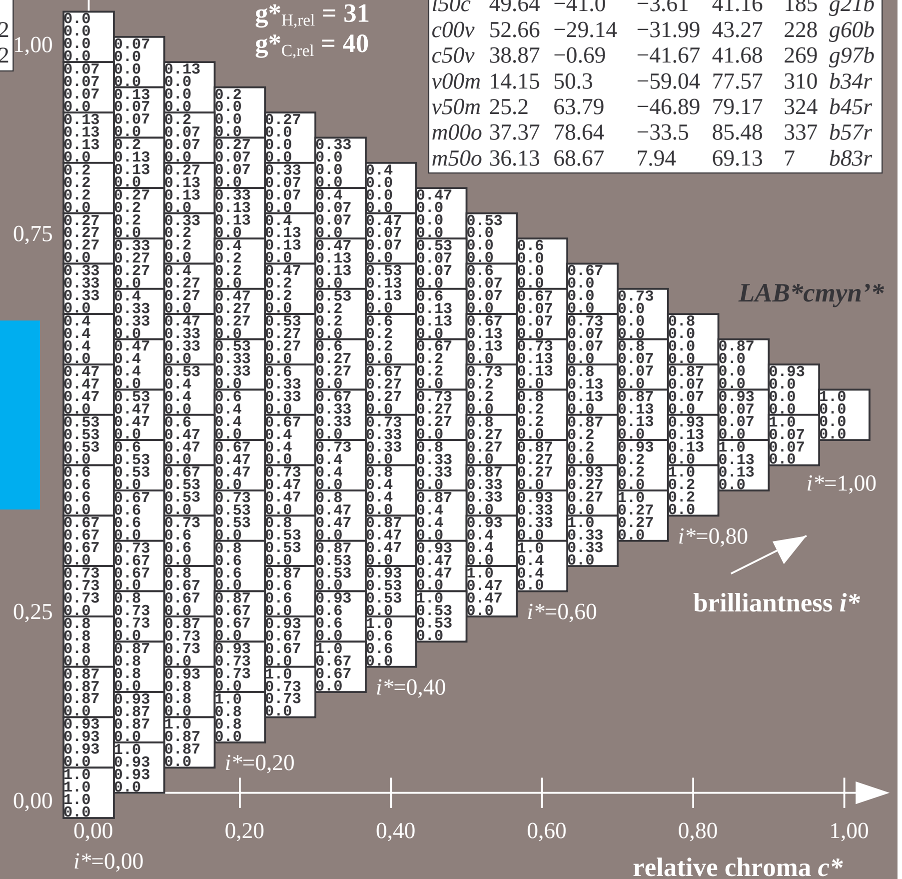
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −29 −32
$LAB^*LCH^*_{Ma}$: 53 43 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

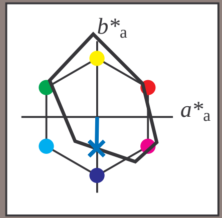
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

$u^*_d = c50v$
*LAB*cmyn'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t*



FRS09_92a; CIELAB data

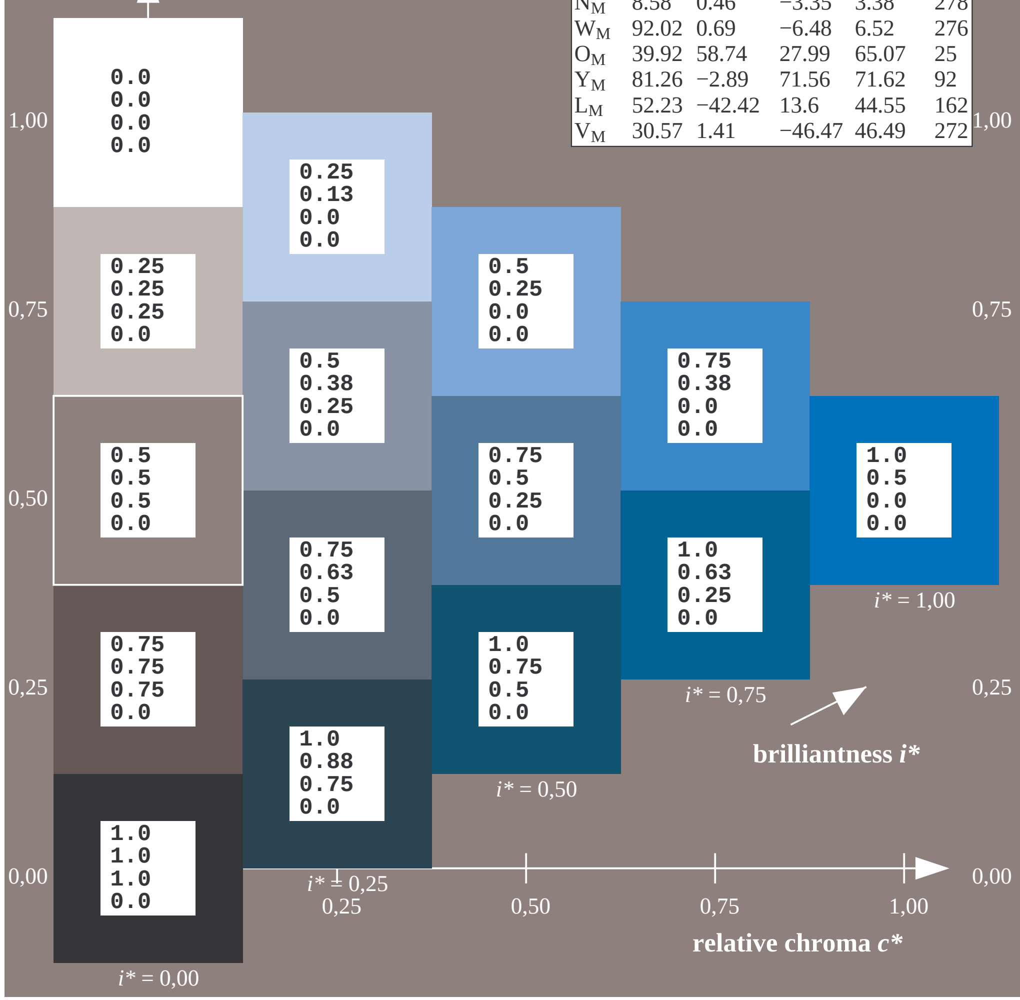
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

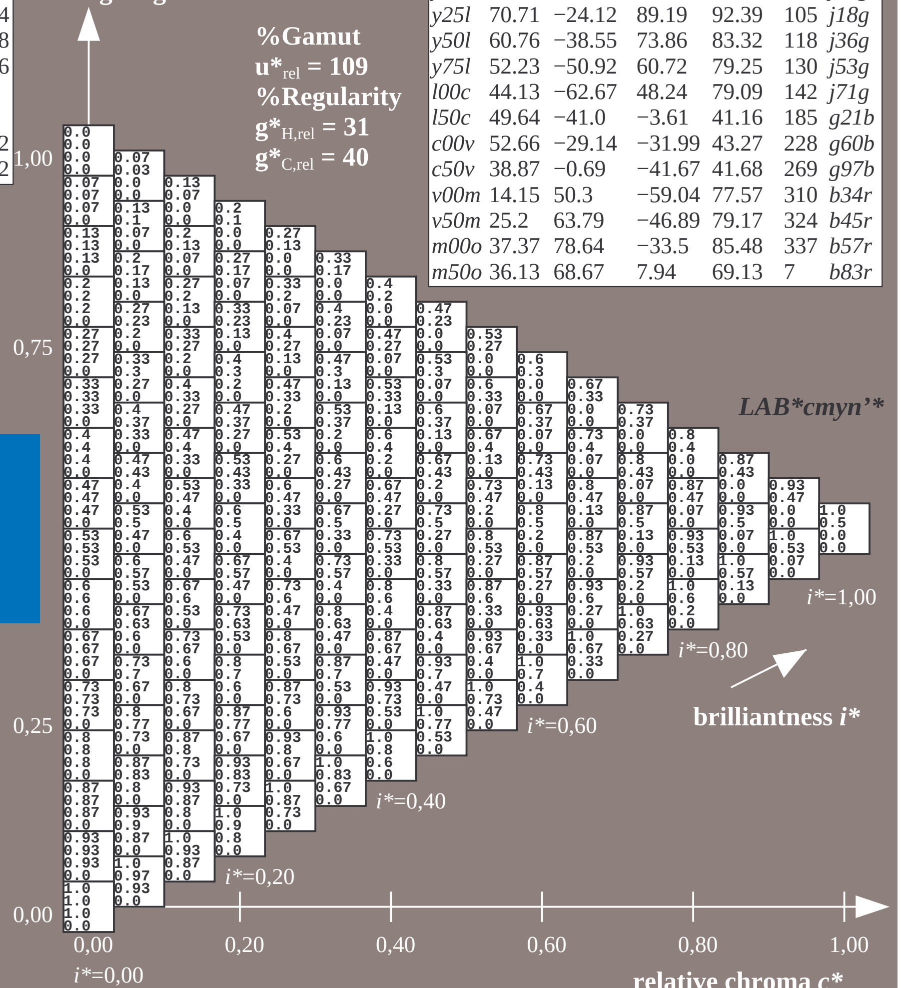
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 39 −1 −42
*LAB*LCH**$_{Ma}$: 39 42 269
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.05 1.0
triangle lightness *t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

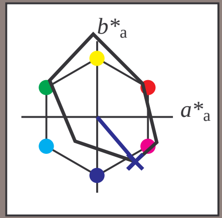
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

$u^*_d = v00m$
*LAB*cmyn'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t*



FRS09_92a; CIELAB data

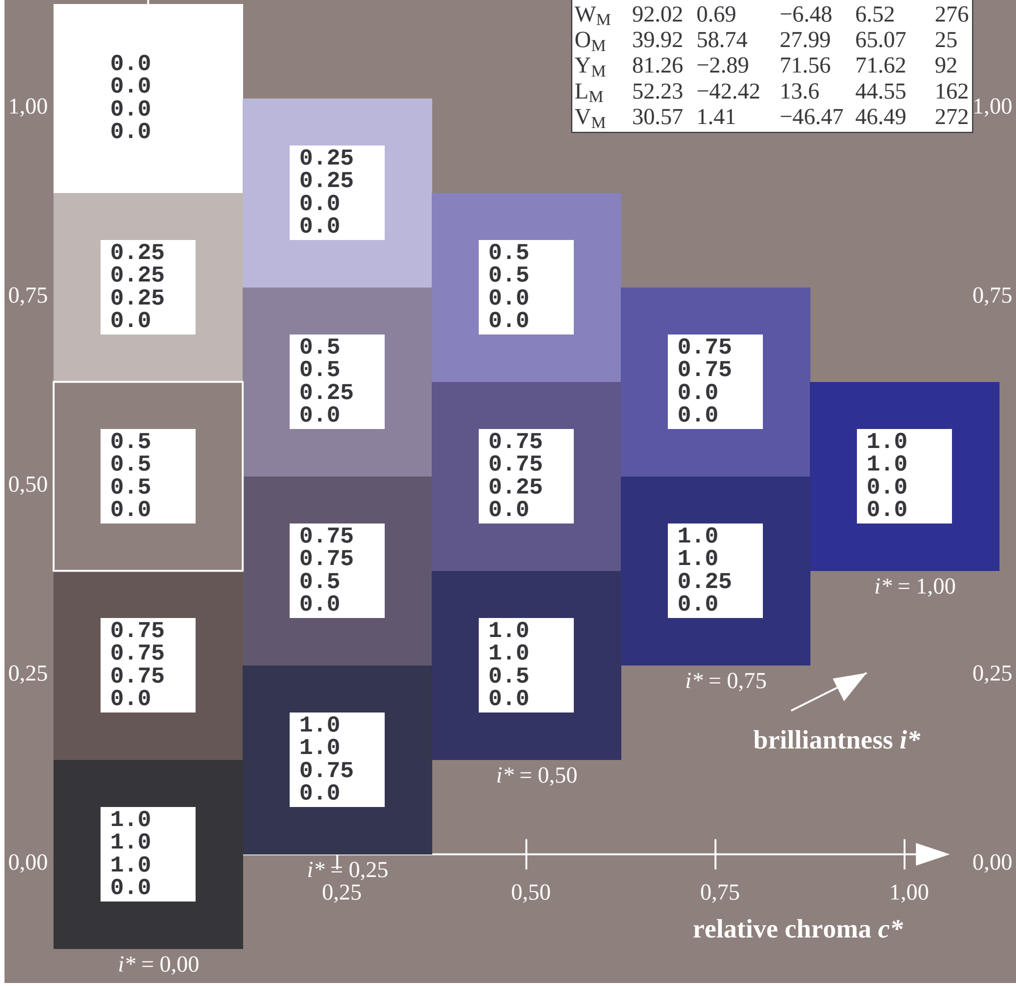
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

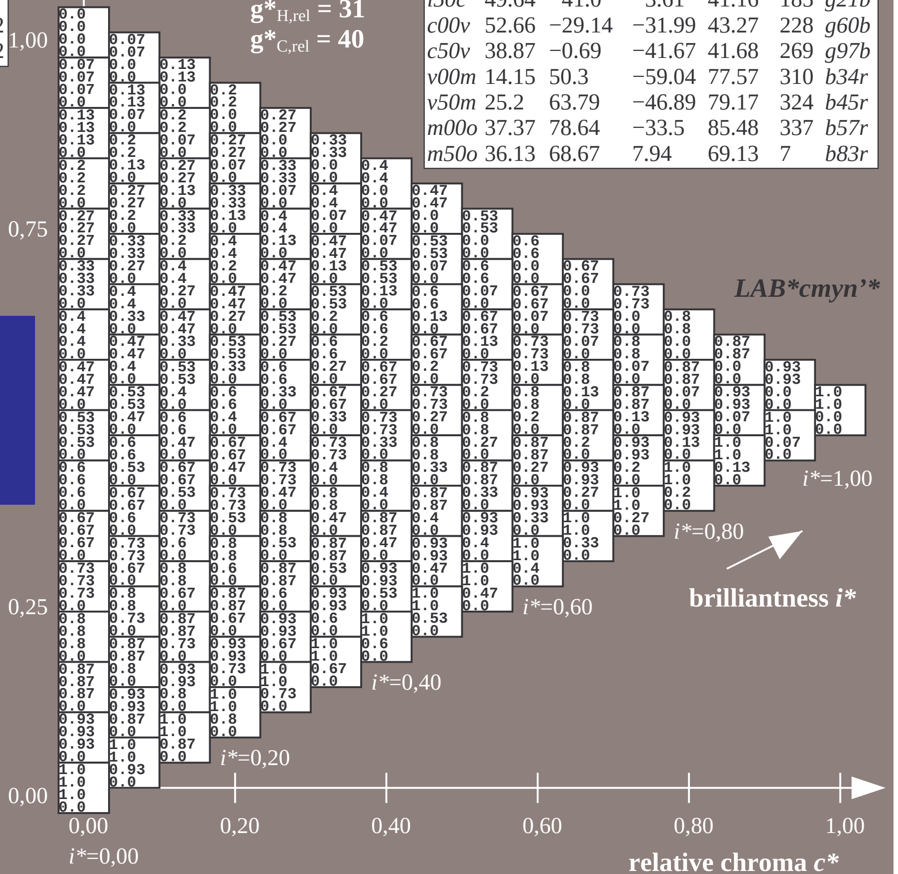
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 14 50 −59
*LAB*LCH**$_{Ma}$: 14 78 310
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.68 0.0 1.0
triangle lightness *t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	−5.17	109.32	109.44	93	j01g
y25l	70.71	−24.12	89.19	92.39	105	j18g
y50l	60.76	−38.55	73.86	83.32	118	j36g
y75l	52.23	−50.92	60.72	79.25	130	j53g
l00c	44.13	−62.67	48.24	79.09	142	j71g
l50c	49.64	−41.0	−3.61	41.16	185	g21b
c00v	52.66	−29.14	−31.99	43.27	228	g60b
c50v	38.87	−0.69	−41.67	41.68	269	g97b
v00m	14.15	50.3	−59.04	77.57	310	b34r
v50m	25.2	63.79	−46.89	79.17	324	b45r
m00o	37.37	78.64	−33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

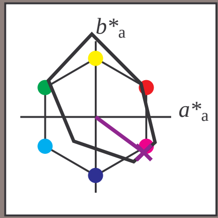
See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

$u^*_d = v50m$

*LAB*cmyn'**

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t*

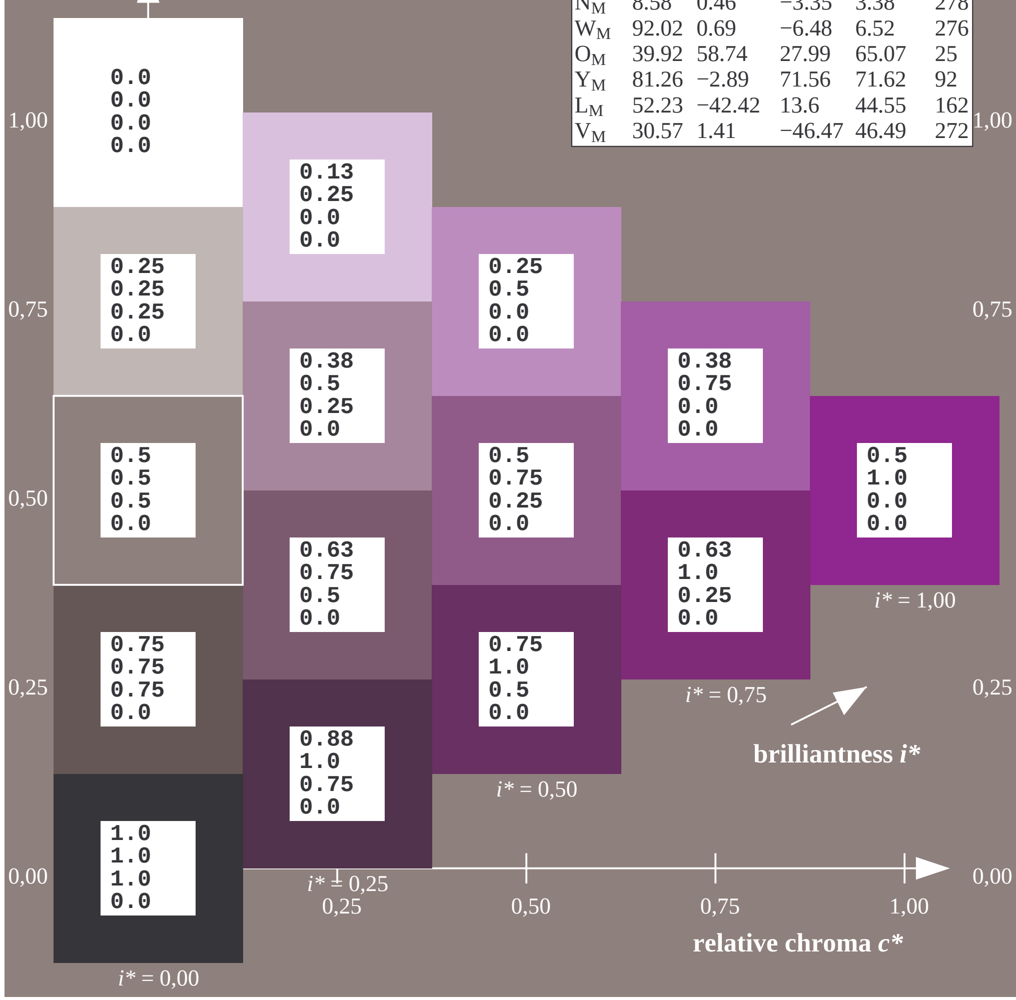


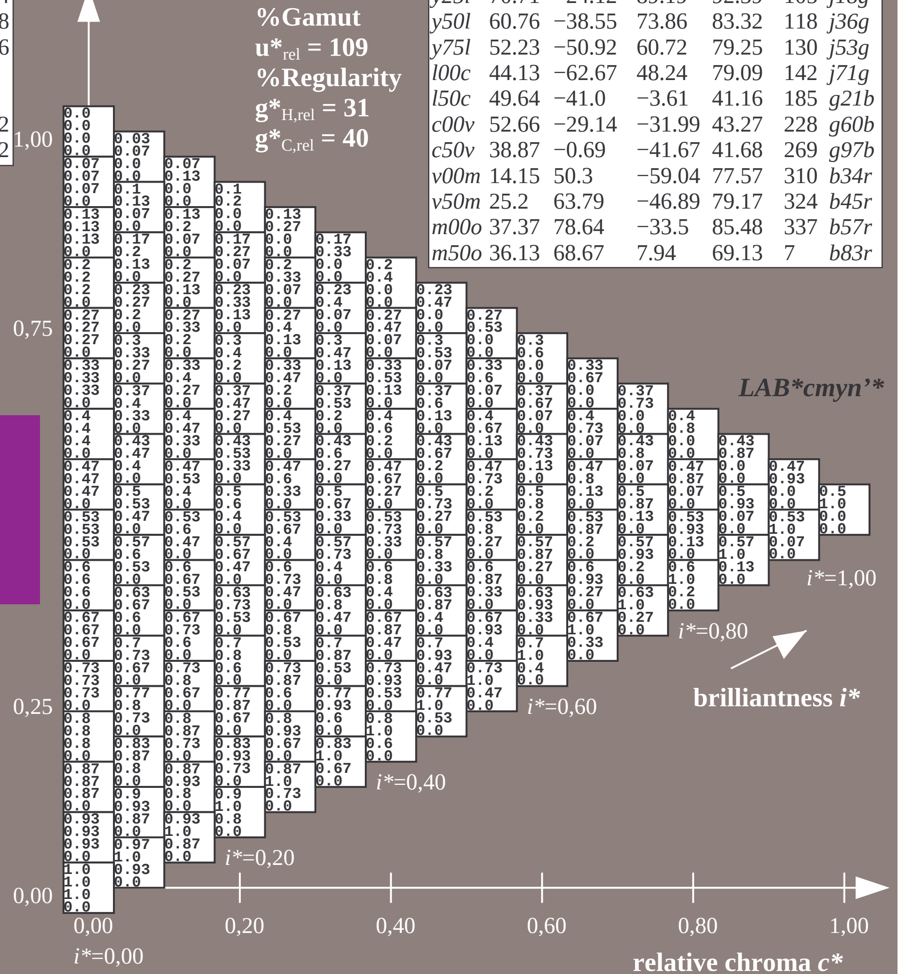
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 25 64 −47**
***LAB*LCH**$_{Ma}$: 25 79 323**
***lab*olv**$_{Ma}$: 0.5 0.0 1.0**
***lab*rgb**$_{Ma}$: 0.91 0.0 1.0**
triangle lightness *t*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$

*LAB*cmyn'**

data for any colour:

lab*tch** and *lab*icu*

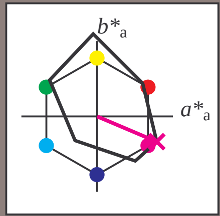
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

***$LAB^*LAB^*_{Ma}$*: 37 79 −34**

***$LAB^*LCH^*_{Ma}$*: 37 85 336**

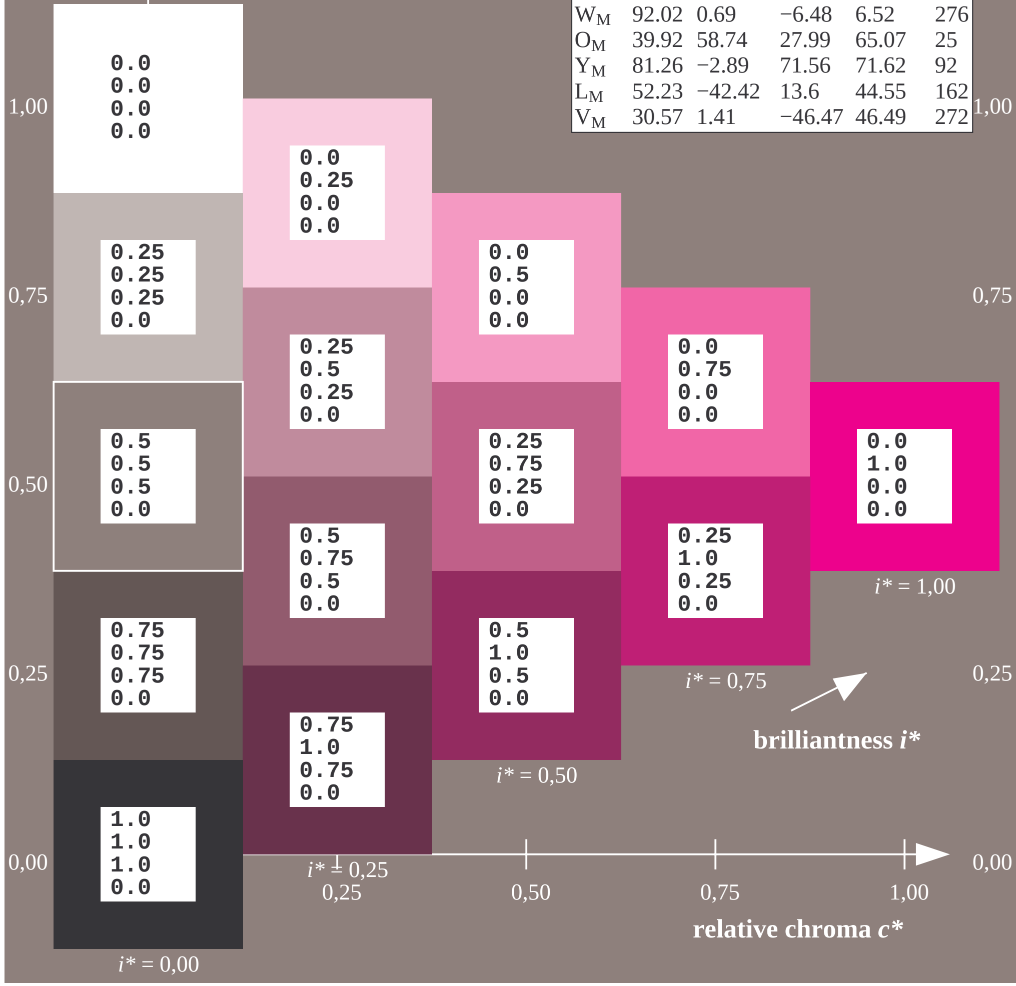
***$lab^*olv^*_{Ma}$*: 1.0 0.0 1.0**

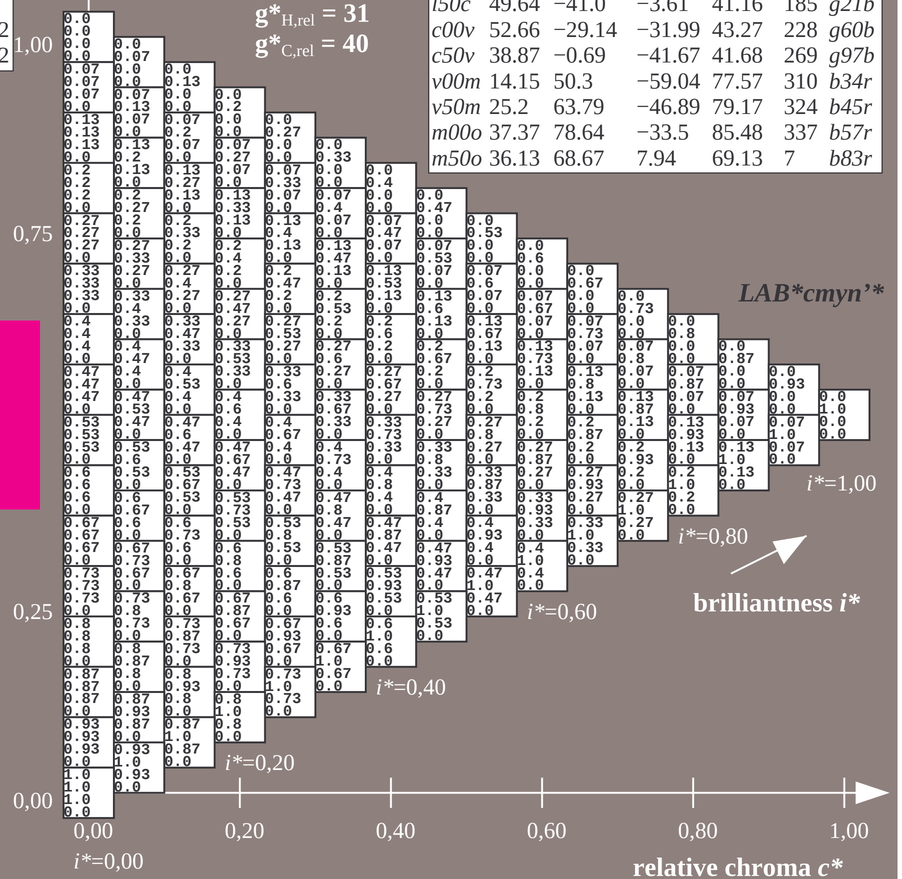
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.85**

triangle lightness t^*

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

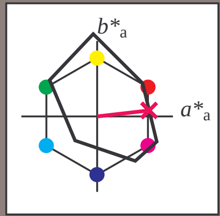
BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

$u^*_d = m50o$
LAB*cmyn'*

data for any colour:
lab*tch** and *lab*icu*
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

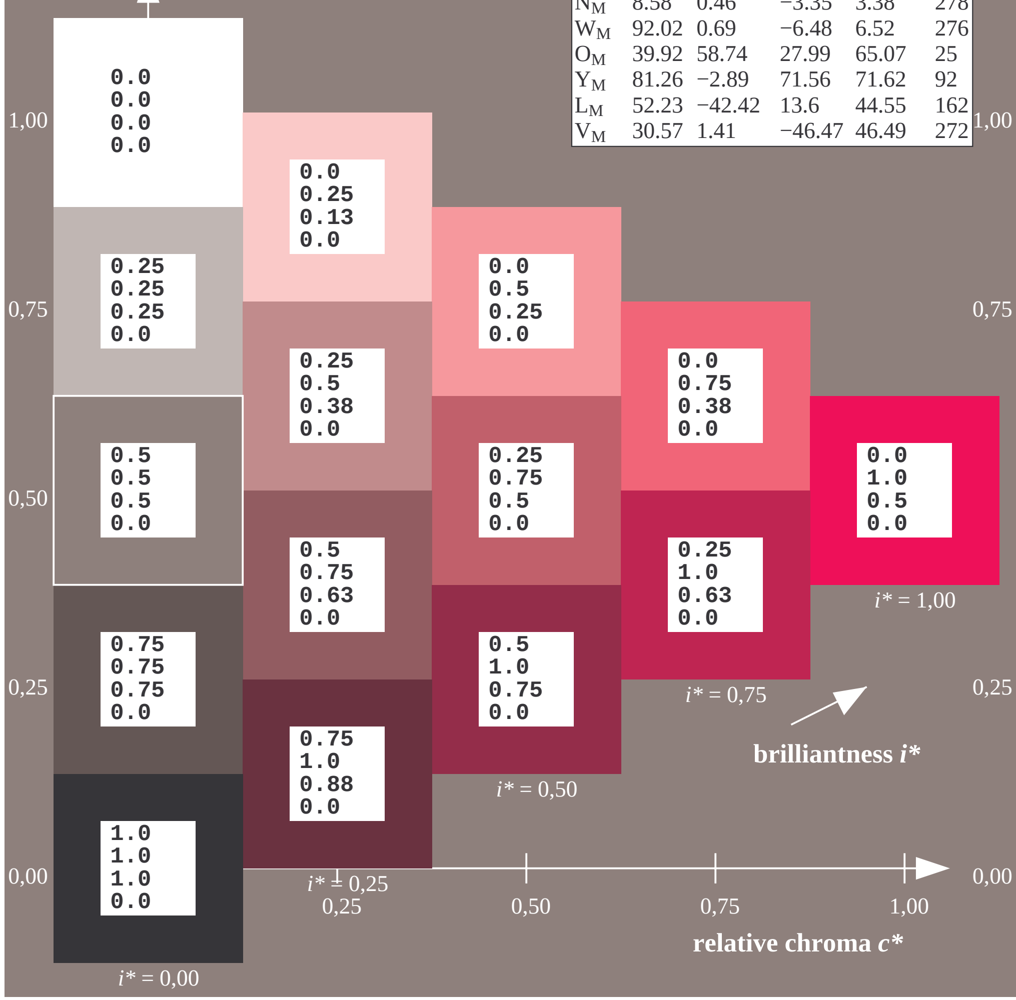


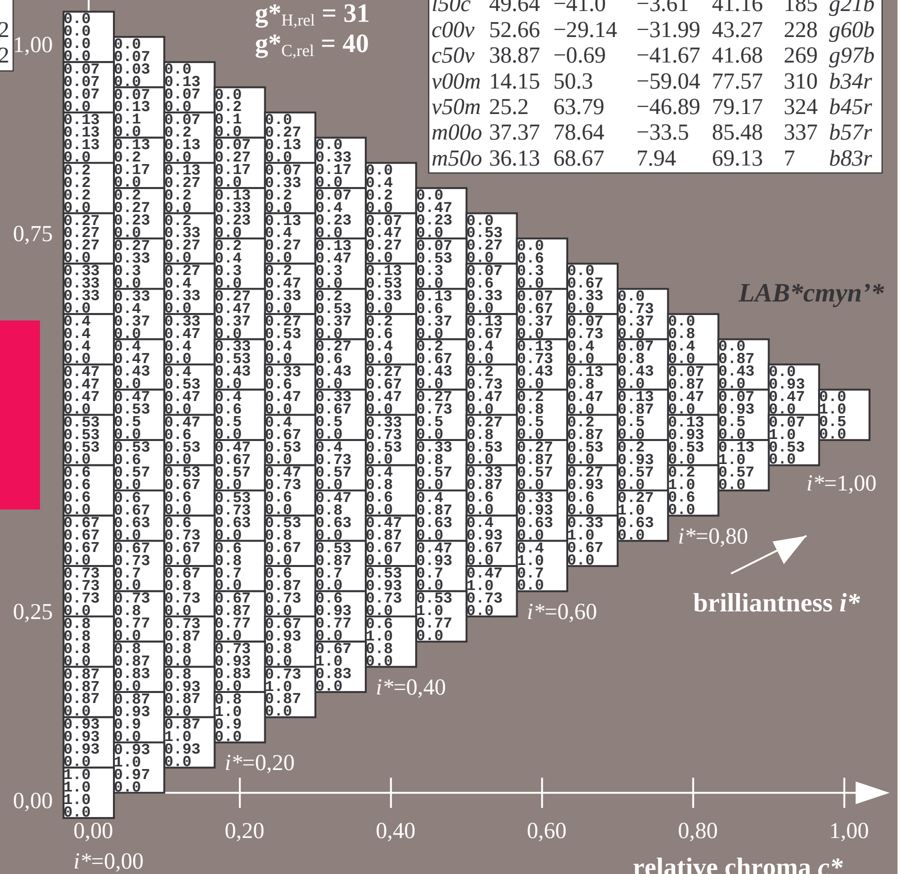
FRS09_92a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	−4.5	103.15	103.25	92
L_M	44.13	−62.11	43.56	75.86	145
C_M	52.66	−28.56	−36.99	46.73	232
V_M	14.15	50.78	−62.6	80.61	309
M_M	37.37	79.18	−37.93	87.8	334
N_M	8.58	0.46	−3.35	3.38	278
W_M	92.02	0.69	−6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	−2.89	71.56	71.62	92
L_M	52.23	−42.42	13.6	44.55	162
V_M	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 36 69 8**
***$LAB^*LCH^*_{Ma}$*: 36 69 6**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 0.5**
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.33**
triangle lightness *t**

%Gamut
$u^*_{rel} = 109$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	*r16j*
o25y	44.68	47.13	56.9	73.88	50	*r37j*
o50y	54.77	33.62	70.44	78.05	64	*r58j*
o75y	66.84	17.48	86.62	88.37	79	*r79j*
y00l	83.77	−5.17	109.32	109.44	93	*j01g*
y25l	70.71	−24.12	89.19	92.39	105	*j18g*
y50l	60.76	−38.55	73.86	83.32	118	*j36g*
y75l	52.23	−50.92	60.72	79.25	130	*j53g*
l00c	44.13	−62.67	48.24	79.09	142	*j71g*
l50c	49.64	−41.0	−3.61	41.16	185	*g21b*
c00v	52.66	−29.14	−31.99	43.27	228	*g60b*
c50v	38.87	−0.69	−41.67	41.68	269	*g97b*
v00m	14.15	50.3	−59.04	77.57	310	*b34r*
v50m	25.2	63.79	−46.89	79.17	324	*b45r*
m00o	37.37	78.64	−33.5	85.48	337	*b57r*
m50o	36.13	68.67	7.94	69.13	7	*b83r*





See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*

See for similar files: http://www.ps.bam.de/Ee40/; www.ps.bam.de/Ee.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*cmyn’*		
01	1.0 1.0 1.0 0.0	1.0 0.88 1.0 0.0	1.0 0.75 1.0 0.0	1.0 0.63 1.0 0.0	1.0 0.5 1.0 0.0	1.0 0.38 1.0 0.0	1.0 0.25 1.0 0.0	1.0 0.13 1.0 0.0	1.0 0.0 1.0 0.0	0.88 1.0 1.0 0.0	0.88 0.88 1.0 0.0	0.88 0.75 1.0 0.0	0.88 0.63 1.0 0.0	0.88 0.5 1.0 0.0	0.88 0.38 1.0 0.0	0.88 0.25 1.0 0.0	0.88 0.13 1.0 0.0	0.88 0.0 1.0 0.0	0.75 1.0 1.0 0.0	0.75 0.88 1.0 0.0	0.75 0.75 1.0 0.0	0.75 0.63 1.0 0.0	0.75 0.5 1.0 0.0	0.75 0.38 1.0 0.0	0.75 0.25 1.0 0.0	0.75 0.13 1.0 0.0	0.75 0.0 1.0 0.0	0.0 0.0 0.0 0.0	0.0 0.13 0.13 0.0	0.0 0.25 0.25 0.0	0.0 0.38 0.38 0.0	0.0 0.5 0.5 0.0	0.0 0.63 0.63 0.0	0.0 0.75 0.75 0.0	0.0 0.88 0.88 0.0	0.0 1.0 1.0 0.0	1.0 1.0 1.0 0.0	1.0 1.0 1.0 0.0	1.0 1.0 1.0 0.0	1.0 1.0 1.0 0.0
02	1.0 1.0 0.88 0.0	1.0 0.88 0.88 0.0	1.0 0.75 0.88 0.0	1.0 0.63 0.88 0.0	1.0 0.5 0.88 0.0	1.0 0.38 0.88 0.0	1.0 0.25 0.88 0.0	1.0 0.13 0.88 0.0	1.0 0.0 0.88 0.0	0.88 1.0 0.88 0.0	0.88 0.88 0.88 0.0	0.88 0.75 0.88 0.0	0.88 0.63 0.88 0.0	0.88 0.5 0.88 0.0	0.88 0.38 0.88 0.0	0.88 0.25 0.88 0.0	0.88 0.13 0.88 0.0	0.88 0.0 0.88 0.0	0.75 1.0 0.88 0.0	0.75 0.88 0.88 0.0	0.75 0.75 0.88 0.0	0.75 0.63 0.88 0.0	0.75 0.5 0.88 0.0	0.75 0.38 0.88 0.0	0.75 0.25 0.88 0.0	0.75 0.13 0.88 0.0	0.75 0.0 0.88 0.0	0.13 0.0 0.0 0.0	0.13 0.13 0.13 0.0	0.13 0.25 0.25 0.0	0.13 0.38 0.38 0.0	0.13 0.5 0.5 0.0	0.13 0.63 0.63 0.0	0.13 0.75 0.75 0.0	0.13 0.88 0.88 0.0	0.13 1.0 1.0 0.0	0.88 0.88 0.88 0.0	0.88 0.88 0.88 0.0	0.88 0.88 0.88 0.0	0.88 0.88 0.88 0.0
03	1.0 1.0 0.75 0.0	1.0 0.88 0.75 0.0	1.0 0.75 0.75 0.0	1.0 0.63 0.75 0.0	1.0 0.5 0.75 0.0	1.0 0.38 0.75 0.0	1.0 0.25 0.75 0.0	1.0 0.13 0.75 0.0	1.0 0.0 0.75 0.0	0.88 1.0 0.75 0.0	0.88 0.88 0.75 0.0	0.88 0.75 0.75 0.0	0.88 0.63 0.75 0.0	0.88 0.5 0.75 0.0	0.88 0.38 0.75 0.0	0.88 0.25 0.75 0.0	0.88 0.13 0.75 0.0	0.88 0.0 0.75 0.0	0.75 1.0 0.75 0.0	0.75 0.88 0.75 0.0	0.75 0.75 0.75 0.0	0.75 0.63 0.75 0.0	0.75 0.5 0.75 0.0	0.75 0.38 0.75 0.0	0.75 0.25 0.75 0.0	0.75 0.13 0.75 0.0	0.75 0.0 0.75 0.0	0.25 0.0 0.0 0.0	0.25 0.13 0.13 0.0	0.25 0.25 0.25 0.0	0.25 0.38 0.38 0.0	0.25 0.5 0.5 0.0	0.25 0.63 0.63 0.0	0.25 0.75 0.75 0.0	0.25 0.88 0.88 0.0	0.25 1.0 1.0 0.0	0.75 0.75 0.75 0.0	0.75 0.75 0.75 0.0	0.75 0.75 0.75 0.0	0.75 0.75 0.75 0.0
04	1.0 1.0 0.63 0.0	1.0 0.88 0.63 0.0	1.0 0.75 0.63 0.0	1.0 0.63 0.63 0.0	1.0 0.5 0.63 0.0	1.0 0.38 0.63 0.0	1.0 0.25 0.63 0.0	1.0 0.13 0.63 0.0	1.0 0.0 0.63 0.0	0.88 1.0 0.63 0.0	0.88 0.88 0.63 0.0	0.88 0.75 0.63 0.0	0.88 0.63 0.63 0.0	0.88 0.5 0.63 0.0	0.88 0.38 0.63 0.0	0.88 0.25 0.63 0.0	0.88 0.13 0.63 0.0	0.88 0.0 0.63 0.0	0.75 1.0 0.63 0.0	0.75 0.88 0.63 0.0	0.75 0.75 0.63 0.0	0.75 0.63 0.63 0.0	0.75 0.5 0.63 0.0	0.75 0.38 0.63 0.0	0.75 0.25 0.63 0.0	0.75 0.13 0.63 0.0	0.75 0.0 0.63 0.0	0.38 0.0 0.0 0.0	0.38 0.13 0.13 0.0	0.38 0.25 0.25 0.0	0.38 0.38 0.38 0.0	0.38 0.5 0.5 0.0	0.38 0.63 0.63 0.0	0.38 0.75 0.75 0.0	0.38 0.88 0.88 0.0	0.38 1.0 1.0 0.0	0.63 0.63 0.63 0.0	0.63 0.63 0.63 0.0	0.63 0.63 0.63 0.0	0.63 0.63 0.63 0.0
05	1.0 1.0 0.5 0.0	1.0 0.88 0.5 0.0	1.0 0.75 0.5 0.0	1.0 0.63 0.5 0.0	1.0 0.5 0.5 0.0	1.0 0.38 0.5 0.0	1.0 0.25 0.5 0.0	1.0 0.13 0.5 0.0	1.0 0.0 0.5 0.0	0.88 1.0 0.5 0.0	0.88 0.88 0.5 0.0	0.88 0.75 0.5 0.0	0.88 0.63 0.5 0.0	0.88 0.5 0.5 0.0	0.88 0.38 0.5 0.0	0.88 0.25 0.5 0.0	0.88 0.13 0.5 0.0	0.88 0.0 0.5 0.0	0.75 1.0 0.5 0.0	0.75 0.88 0.5 0.0	0.75 0.75 0.5 0.0	0.75 0.63 0.5 0.0	0.75 0.5 0.5 0.0	0.75 0.38 0.5 0.0	0.75 0.25 0.5 0.0	0.75 0.13 0.5 0.0	0.75 0.0 0.5 0.0	0.5 0.0 0.0 0.0	0.5 0.13 0.13 0.0	0.5 0.25 0.25 0.0	0.5 0.38 0.38 0.0	0.5 0.5 0.5 0.0	0.5 0.63 0.63 0.0	0.5 0.75 0.75 0.0	0.5 0.88 0.88 0.0	0.5 1.0 1.0 0.0	0.5 0.5 0.5 0.0	0.5 0.5 0.5 0.0	0.5 0.5 0.5 0.0	0.5 0.5 0.5 0.0
06	1.0 1.0 0.38 0.0	1.0 0.88 0.38 0.0	1.0 0.75 0.38 0.0	1.0 0.63 0.38 0.0	1.0 0.5 0.38 0.0	1.0 0.38 0.38 0.0	1.0 0.25 0.38 0.0	1.0 0.13 0.38 0.0	1.0 0.0 0.38 0.0	0.88 1.0 0.38 0.0	0.88 0.88 0.38 0.0	0.88 0.75 0.38 0.0	0.88 0.63 0.38 0.0	0.88 0.5 0.38 0.0	0.88 0.38 0.38 0.0	0.88 0.25 0.38 0.0	0.88 0.13 0.38 0.0	0.88 0.0 0.38 0.0	0.75 1.0 0.38 0.0	0.75 0.88 0.38 0.0	0.75 0.75 0.38 0.0	0.75 0.63 0.38 0.0	0.75 0.5 0.38 0.0	0.75 0.38 0.38 0.0	0.75 0.25 0.38 0.0	0.75 0.13 0.38 0.0	0.75 0.0 0.38 0.0	0.63 0.0 0.0 0.0	0.63 0.13 0.13 0.0	0.63 0.25 0.25 0.0	0.63 0.38 0.38 0.0	0.63 0.5 0.5 0.0	0.63 0.63 0.63 0.0	0.63 0.75 0.75 0.0	0.63 0.88 0.88 0.0	0.63 1.0 1.0 0.0	0.38 0.38 0.38 0.0	0.38 0.38 0.38 0.0	0.38 0.38 0.38 0.0	0.38 0.38 0.38 0.0
07	1.0 1.0 0.25 0.0	1.0 0.88 0.25 0.0	1.0 0.75 0.25 0.0	1.0 0.63 0.25 0.0	1.0 0.5 0.25 0.0	1.0 0.38 0.25 0.0	1.0 0.25 0.25 0.0	1.0 0.13 0.25 0.0	1.0 0.0 0.25 0.0	0.88 1.0 0.25 0.0	0.88 0.88 0.25 0.0	0.88 0.75 0.25 0.0	0.88 0.63 0.25 0.0	0.88 0.5 0.25 0.0	0.88 0.38 0.25 0.0	0.88 0.25 0.25 0.0	0.88 0.13 0.25 0.0	0.88 0.0 0.25 0.0	0.75 1.0 0.25 0.0	0.75 0.88 0.25 0.0	0.75 0.75 0.25 0.0	0.75 0.63 0.25 0.0	0.75 0.5 0.25 0.0	0.75 0.38 0.25 0.0	0.75 0.25 0.25 0.0	0.75 0.13 0.25 0.0	0.75 0.0 0.25 0.0	0.75 0.0 0.0 0.0	0.75 0.13 0.13 0.0	0.75 0.25 0.25 0.0	0.75 0.38 0.38 0.0	0.75 0.5 0.5 0.0	0.75 0.63 0.63 0.0	0.75 0.75 0.75 0.0	0.75 0.88 0.88 0.0	0.75 1.0 1.0 0.0	0.25 0.25 0.25 0.0	0.25 0.25 0.25 0.0	0.25 0.25 0.25 0.0	0.25 0.25 0.25 0.0
08	1.0 1.0 0.13 0.0	1.0 0.88 0.13 0.0	1.0 0.75 0.13 0.0	1.0 0.63 0.13 0.0	1.0 0.5 0.13 0.0	1.0 0.38 0.13 0.0	1.0 0.25 0.13 0.0	1.0 0.13 0.13 0.0	1.0 0.0 0.13 0.0	0.88 1.0 0.13 0.0	0.88 0.88 0.13 0.0	0.88 0.75 0.13 0.0	0.88 0.63 0.13 0.0	0.88 0.5 0.13 0.0	0.88 0.38 0.13 0.0	0.88 0.25 0.13 0.0	0.88 0.13 0.13 0.0	0.88 0.0 0.13 0.0	0.75 1.0 0.13 0.0	0.75 0.88 0.13 0.0	0.75 0.75 0.13 0.0	0.75 0.63 0.13 0.0	0.75 0.5 0.13 0.0	0.75 0.38 0.13 0.0	0.75 0.25 0.13 0.0	0.75 0.13 0.13 0.0	0.75 0.0 0.13 0.0	0.88 0.0 0.0 0.0	0.88 0.13 0.13 0.0	0.88 0.25 0.25 0.0	0.88 0.38 0.38 0.0	0.88 0.5 0.5 0.0	0.88 0.63 0.63 0.0	0.88 0.75 0.75 0.0	0.88 0.88 0.88 0.0	0.88 1.0 1.0 0.0	0.13 0.13 0.13 0.0	0.13 0.13 0.13 0.0	0.13 0.13 0.13 0.0	0.13 0.13 0.13 0.0
09	1.0 1.0 0.0 0.0	1.0 0.88 0.0 0.0	1.0 0.75 0.0 0.0	1.0 0.63 0.0 0.0	1.0 0.5 0.0 0.0	1.0 0.38 0.0 0.0	1.0 0.25 0.0 0.0	1.0 0.13 0.0 0.0	1.0 0.0 0.0 0.0	0.88 1.0 0.0 0.0	0.88 0.88 0.0 0.0	0.88 0.75 0.0 0.0	0.88 0.63 0.0 0.0	0.88 0.5 0.0 0.0	0.88 0.38 0.0 0.0	0.88 0.25 0.0 0.0	0.88 0.13 0.0 0.0	0.88 0.0 0.0 0.0	0.75 1.0 0.0 0.0	0.75 0.88 0.0 0.0	0.75 0.75 0.0 0.0	0.75 0.63 0.0 0.0	0.75 0.5 0.0 0.0	0.75 0.38 0.0 0.0	0.75 0.25 0.0 0.0	0.75 0.13 0.0 0.0	0.75 0.0 0.0 0.0	1.0 0.0 0.0 0.0	1.0 0.13 0.13 0.0	1.0 0.25 0.25 0.0	1.0 0.38 0.38 0.0	1.0 0.5 0.5 0.0	1.0 0.63 0.63 0.0	1.0 0.75 0.75 0.0	1.0 0.88 0.88 0.0	1.0 1.0 1.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
10	0.63 1.0 1.0 0.0	0.63 0.88 1.0 0.0	0.63 0.75 1.0 0.0	0.63 0.63 1.0 0.0	0.63 0.5 1.0 0.0	0.63 0.38 1.0 0.0	0.63 0.25 1.0 0.0	0.63 0.13 1.0 0.0	0.63 0.0 1.0 0.0	0.5 1.0 1.0 0.0	0.5 0.88 1.0 0.0	0.5 0.75 1.0 0.0	0.5 0.63 1.0 0.0	0.5 0.5 1.0 0.0	0.5 0.38 1.0 0.0	0.5 0.25 1.0 0.0	0.5 0.13 1.0 0.0	0.5 0.0 1.0 0.0	0.38 1.0 1.0 0.0	0.38 0.88 1.0 0.0	0.38 0.75 1.0 0.0	0.38 0.63 1.0 0.0	0.38 0.5 1.0 0.0	0.38 0.38 1.0 0.0	0.38 0.25 1.0 0.0	0.38 0.13 1.0 0.0	0.38 0.0 1.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.13 0.0	0.0 0.0 0.25 0.0	0.0 0.0 0.38 0.0	0.0 0.0 0.5 0.0	0.0 0.0 0.63 0.0	0.0 0.0 0.75 0.0	0.0 0.0 0.88 0.0	0.0 0.0 1.0 0.0	1.0 1.0 1.0 0.0	1.0 1.0 1.0 0.0	1.0 1.0 1.0 0.0	1.0 1.0 1.0 0.0
11	0.63 1.0 0.88 0.0	0.63 0.88 0.88 0.0	0.63 0.75 0.88 0.0	0.63 0.63 0.88 0.0	0.63 0.5 0.88 0.0	0.63 0.38 0.88 0.0	0.63 0.25 0.88 0.0	0.63 0.13 0.88 0.0	0.63 0.0 0.88 0.0	0.5 1.0 0.88 0.0	0.5 0.88 0.88 0.0	0.5 0.75 0.88 0.0	0.5 0.63 0.88 0.0	0.5 0.5 0.88 0.0	0.5 0.38 0.88 0.0	0.5 0.25 0.88 0.0	0.5 0.13 0.88 0.0	0.5 0.0 0.88 0.0	0.38 1.0 0.88 0.0	0.38 0.88 0.88 0.0	0.38 0.75 0.88 0.0	0.38 0.63 0.88 0.0	0.38 0.5 0.88 0.0	0.38 0.38 0.88 0.0	0.38 0.25 0.88 0.0	0.38 0.13 0.88 0.0	0.38 0.0 0.88 0.0	0.13 0.13 0.0 0.0	0.13 0.13 0.13 0.0	0.13 0.13 0.25 0.0	0.13 0.13 0.38 0.0	0.13 0.13 0.5 0.0	0.13 0.13 0.63 0.0	0.13 0.13 0.75 0.0	0.13 0.13 0.88 0.0	0.13 0.13 1.0 0.0	0.93 0.93 0.93 0.0	0.93 0.93 0.93 0.0	0.93 0.93 0.93 0.0	0.93 0.93 0.93 0.0
12	0.63 1.0 0.75 0.0	0.63 0.88 0.75 0.0	0.63 0.75 0.75 0.0	0.63 0.63 0.75 0.0	0.63 0.5 0.75 0.0	0.63 0.38 0.75 0.0	0.63 0.25 0.75 0.0	0.63 0.13 0.75 0.0	0.63 0.0 0.75 0.0	0.5 1.0 0.75 0.0	0.5 0.88 0.75 0.0	0.5 0.75 0.75 0.0	0.5 0.63 0.75 0.0	0.5 0.5 0.75 0.0	0.5 0.38 0.75 0.0	0.5 0.25 0.75 0.0	0.5 0.13 0.75 0.0	0.5 0.0 0.75 0.0	0.38 1.0 0.75 0.0	0.38 0.88 0.75 0.0	0.38 0.75 0.75 0.0	0.38 0.63 0.75 0.0	0.38 0.5 0.75 0.0	0.38 0.38 0.75 0.0	0.38 0.25 0.75 0.0	0.38 0.13 0.75 0.0	0.38 0.0 0.75 0.0	0.25 0.25 0.0 0.0	0.25 0.25 0.13 0.0	0.25 0.25 0.25 0.0	0.25 0.25 0.38 0.0	0.25 0.25 0.5 0.0	0.25 0.25 0.63 0.0	0.25 0.25 0.75 0.0	0.25 0.25 0.88 0.0	0.25 0.25 1.0 0.0	0.87 0.87 0.87 0.0	0.87 0.87 0.87 0.0	0.87 0.87 0.87 0.0	0.87 0.87 0.87 0.0
13	0.63 1.0 0.63 0.0	0.63 0.88 0.63 0.0	0.63 0.75 0.63 0.0	0.63 0.63 0.63 0.0	0.63 0.5 0.63 0.0	0.63 0.38 0.63 0.0	0.63 0.25 0.63 0.0	0.63 0.13 0.63 0.0	0.63 0.0 0.63 0.0	0.5 1.0 0.63 0.0	0.5 0.88 0.63 0.0	0.5 0.75 0.63 0.0	0.5 0.63 0.63 0.0	0.5 0.5 0.63 0.0	0.5 0.38 0.63 0.0	0.5 0.25 0.63 0.0	0.5 0.13 0.63 0.0	0.5 0.0 0.63 0.0	0.38 1.0 0.63 0.0	0.38 0.88 0.63 0.0	0.38 0.75 0.63 0.0	0.38 0.63 0.63 0.0	0.38 0.5 0.63 0.0	0.38 0.38 0.63 0.0	0.38 0.25 0.63 0.0	0.38 0.13 0.63 0.0	0.38 0.0 0.63 0.0	0.38 0.38 0.0 0.0	0.38 0.38 0.13 0.0	0.38 0.38 0.25 0.0	0.38 0.38 0.38 0.0	0.38 0.38 0.5 0.0	0.38 0.38 0.63 0.0	0.38 0.38 0.75 0.0	0.38 0.38 0.88 0.0	0.38 0.38 1.0 0.0	0.8 0.8 0.8 0.0	0.8 0.8 0.8 0.0	0.8 0.8 0.8 0.0	0.8 0.8 0.8 0.0
14	0.63 1.0 0.5 0.0	0.63 0.88 0.5 0.0	0.63 0.75 0.5 0.0	0.63 0.63 0.5 0.0	0.63 0.5 0.5 0.0	0.63 0.38 0.5 0.0	0.63 0.25 0.5 0.0	0.63 0.13 0.5 0.0	0.63 0.0 0.5 0.0	0.5 1.0 0.5 0.0	0.5 0.88 0.5 0.0	0.5 0.75 0.5 0.0	0.5 0.63 0.5 0.0	0.5 0.5 0.5 0.0	0.5 0.38 0.5 0.0	0.5 0.25 0.5 0.0	0.5 0.13 0.5 0.0	0.5 0.0 0.5 0.0	0.38 1.0 0.5 0.0	0.38 0.88 0.5 0.0	0.38 0.75 0.5 0.0	0.38 0.63 0.5 0.0	0.38 0.5 0.5 0.0	0.38 0.38 0.5 0.0	0.38 0.25 0.5 0.0	0.38 0.13 0.5 0.0	0.38 0.0 0.5 0.0	0.5 0.5 0.0 0.0	0.5 0.5 0.13 0.0	0.5 0.5 0.25 0.0	0.5 0.5 0.38 0.0	0.5 0.5 0.5 0.0	0.5 0.5 0.63 0.0	0.5 0.5 0.75 0.0	0.5 0.5 0.88 0.0	0.5 0.5 1.0 0.0	0.73 0.73 0.73 0.0	0.73 0.73 0.73 0.0	0.73 0.73 0.73 0.0	0.73 0.73 0.73 0.0
15	0.63 1.0 0.38 0.0	0.63 0.88 0.38 0.0	0.63 0.75 0.38 0.0	0.63 0.63 0.38 0.0	0.63 0.5 0.38 0.0	0.63 0.38 0.38 0.0	0.63 0.25 0.38 0.0	0.63 0.13 0.38 0.0	0.63 0.0 0.38 0.0	0.5 1.0 0.38 0.0	0.5 0.88 0.38 0.0	0.5 0.75 0.38 0.0	0.5 0.63 0.38 0.0	0.5 0.5 0.38 0.0	0.5 0.38 0.38 0.0	0.5 0.25 0.38 0.0	0.5 0.13 0.38 0.0	0.5 0.0 0.38 0.0	0.38 1.0 0.38 0.0	0.38 0.88 0.38 0.0	0.38 0.75 0.38 0.0	0.38 0.63 0.38 0.0	0.38 0.5 0.38 0.0	0.38 0.38 0.38 0.0	0.38 0.25 0.38 0.0	0.38 0.13 0.38 0.0	0.38 0.0 0.38 0.0	0.63 0.63 0.0 0.0	0.63 0.63 0.13 0.0	0.63 0.63 0.25 0.0	0.63 0.63 0.38 0.0	0.63 0.63 0.5 0.0	0.63 0.63 0.63 0.0	0.63 0.63 0.75 0.0	0.63 0.63 0.88 0.0	0.63 0.63 1.0 0.0	0.67 0.67 0.67 0.0	0.67 0.67 0.67 0.0	0.67 0.67 0.67 0.0	0.67 0.67 0.67 0.0
16	0.63 1.0 0.25 0.0	0.63 0.88 0.25 0.0	0.63 0.75 0.25 0.0	0.63 0.63 0.25 0.0	0.63 0.5 0.25 0.0	0.63 0.38 0.25 0.0	0.63 0.25 0.25 0.0	0.63 0.13 0.25 0.0	0.63 0.0 0.25 0.0	0.5 1.0 0.25 0.0	0.5 0.88 0.25 0.0	0.5 0.75 0.25 0.0	0.5 0.63 0.25 0.0	0.5 0.5 0.25 0.0	0.5 0.38 0.25 0.0	0.5 0.25 0.25 0.0	0.5 0.13 0.25 0.0	0.5 0.0 0.25 0.0	0.38 1.0 0.25 0.0	0.38 0.88 0.25 0.0	0.38 0.75 0.25 0.0	0.38 0.63 0.25 0.0	0.38 0.5 0.25 0.0	0.38 0.38 0.25 0.0	0.38 0.25 0.25 0.0	0.38 0.13 0.25 0.0	0.38 0.0 0.25 0.0	0.75 0.75 0.0 0.0	0.75 0.75 0.13 0.0	0.75 0.75 0.25 0.0	0.75 0.75 0.38 0.0	0.75 0.75 0.5 0.0	0.75 0.75 0.63 0.0	0.75 0.75 0.75 0.0	0.75 0.75 0.88 0.0	0.75 0.75 1.0 0.0	0.6 0.6 0.6 0.0	0.6 0.6 0.6 0.0	0.6 0.6 0.6 0.0	0.6 0.6 0.6 0.0
17	0.63 1.0 0.13 0.0	0.63 0.88 0.13 0.0	0.63 0.75 0.13 0.0	0.63 0.63 0.13 0.0	0.63 0.5 0.13 0.0	0.63 0.38 0.13 0.0	0.63 0.25 0.13 0.0	0.63 0.13 0.13 0.0	0.63 0.0 0.13 0.0	0.5 1.0 0.13 0.0	0.5 0.88 0.13 0.0	0.5 0.75 0.13 0.0	0.5 0.63 0.13 0.0	0.5 0.5 0.13 0.0	0.5 0.38 0.13 0.0	0.5 0.25 0.13 0.0	0.5 0.13 0.13 0.0	0.5 0.0 0.13 0.0	0.38 1.0 0.13 0.0	0.38 0.88 0.13 0.0	0.38 0.75 0.13 0.0	0.38 0.63 0.13 0.0	0.38 0.5 0.13 0.0	0.38 0.38 0.13 0.0	0.38 0.25 0.13 0.0	0.38 0.13 0.13 0.0	0.38 0.0 0.13 0.0	0.88 0.88 0.0 0.0	0.88 0.88 0.13 0.0	0.88 0.88 0.25 0.0	0.88 0.88 0.38 0.0	0.88 0.88 0.5 0.0	0.88 0.88 0.63 0.0	0.88 0.88 0.75 0.0	0.88 0.88 0.88 0.0	0.88 0.88 1.0 0.0	0.53 0.53 0.53 0.0	0.53 0.53 0.53 0.0	0.53 0.53 0.53 0.0	0.53 0.53 0.53 0.0
18	0.63 1.0 0.0 0.0	0.63 0.88 0.0 0.0	0.63 0.75 0.0 0.0	0.63 0.63 0.0 0.0	0.63 0.5 0.0 0.0	0.63 0.38 0.0 0.0	0.63 0.25 0.0 0.0	0.63 0.13 0.0 0.0	0.63 0.0 0.0 0.0	0.5 1.0 0.0 0.0	0.5 0.88 0.0 0.0	0.5 0.75 0.0 0.0	0.5 0.63 0.0 0.0	0.5 0.5 0.0 0.0	0.5 0.38 0.0 0.0	0.5 0.25 0.0 0.0	0.5 0.13 0.0 0.0	0.5 0.0 0.0 0.0	0.38 1.0 0.0 0.0	0.38 0.88 0.0 0.0	0.38 0.75 0.0 0.0	0.38 0.63 0.0 0.0	0.38 0.5 0.0 0.0	0.38 0.38 0.0 0.0	0.38 0.25 0.0 0.0	0.38 0.13 0.0 0.0	0.38 0.0 0.0 0.0	1.0 1.0 0.0 0.0	1.0 1.0 0.13 0.0	1.0 1.0 0.25 0.0	1.0 1.0 0.38 0.0	1.0 1.0 0.5 0.0	1.0 1.0 0.63 0.0	1.0 1.0 0.75 0.0	1.0 1.0 0.88 0.0	1.0 1.0 1.0 0.0	0.47 0.47 0.47 0.0	0.47 0.47 0.47 0.0	0.47 0.47 0.47 0.0	0.47 0.47 0.47 0.0
19	0.25 1.0 1.0 0.0	0.25 0.88 1.0 0.0	0.25 0.75 1.0 0.0	0.25 0.63 1.0 0.0	0.25 0.5 1.0 0.0	0.25 0.38 1.0 0.0	0.25 0.25 1.0 0.0	0.25 0.13 1.0 0.0	0.25 0.0 1.0 0.0	0.13 1.0 1.0 0.0	0.13 0.88 1.0 0.0	0.13 0.75 1.0 0.0	0.13 0.63 1.0 0.0	0.13 0.5 1.0 0.0	0.13 0.38 1.0 0.0	0.13 0.25 1.0 0.0	0.13 0.13 1.0 0.0	0.13 0.0 1.0 0.0	0.0 1.0 1.0 0.0	0.0 0.88 1.0 0.0	0.0 0.75 1.0 0.0	0.0 0.63 1.0 0.0	0.0 0.5 1.0 0.0	0.0 0.38 1.0 0.0	0.0 0.25 1.0 0.0	0.0 0.13 1.0 0.0	0.0 0.0 1.0 0.0	0.0 0.0 0.0 0.0	0.13 0.0 0.13 0.0	0.25 0.0 0.25 0.0	0.38 0.0 0.38 0.0	0.5 0.0 0.5 0.0	0.63 0.0 0.63 0.0	0.75 0.0 0.75 0.0	0.88 0.0 0.88 0.0	1.0 0.0 1.0 0.0	0.4 0.4 0.4 0.0	0.4 0.4 0.4 0.0	0.4 0.4 0.4 0.0	0.4 0.4 0.4 0.0
20	0.25 1.0 0.88 0.0	0.25 0.88 0.88 0.0	0.25 0.75 0.88 0.0	0.25 0.63 0.88 0.0	0.25 0.5 0.88 0.0	0.25 0.38 0.88 0.0	0.25 0.25 0.88 0.0	0.25 0.13 0.88 0.0	0.25 0.0 0.88 0.0	0.13 1.0 0.88 0.0	0.13 0.88 0.88 0.0	0.13 0.75 0.88 0.0	0.13 0.63 0.88 0.0	0.13 0.5 0.88 0.0	0.13 0.38 0.88 0.0	0.13 0.25 0.88 0.0	0.13 0.13 0.88 0.0	0.13 0.0 0.88 0.0	0.0 1.0 0.88 0.0	0.0 0.88 0.88 0.0	0.0 0.75 0.88 0.0	0.0 0.63 0.88 0.0	0.0 0.5 0.88 0.0	0.0 0.38 0.88 0.0	0.0 0.25 0.88 0.0	0.0 0.13 0.88 0.0	0.0 0.0 0.88 0.0	0.0 0.13 0.0 0.0	0.13 0.13 0.13 0.0	0.25 0.13 0.25 0.0	0.38 0.13 0.38 0.0	0.5 0.13 0.5 0.0	0.63 0.13 0.63 0.0	0.75 0.13 0.75 0.0	0.88 0.13 0.88 0.0	1.0 0.13 1.0 0.0	0.33 0.33 0.33 0.0	0.33 0.33 0.33 0.0	0.33 0.33 0.33 0.0	0.33 0.33 0.33 0.0
21	0.25 1.0 0.75 0.0	0.25 0.88 0.75 0.0	0.25 0.75 0.75 0.0	0.25 0.63 0.75 0.0	0.25 0.5 0.75 0.0	0.25 0.38 0.75 0.0	0.25 0.25 0.75 0.0	0.25 0.13 0.75 0.0	0.25 0.0 0.75 0.0	0.13 1.0 0.75 0.0	0.13 0.88 0.75 0.0	0.13 0.75 0.75 0.0	0.13 0.63 0.75 0.0	0.13 0.5 0.75 0.0	0.13 0.38 0.75 0.0	0.13 0.25 0.75 0.0	0.13 0.13 0.75 0.0	0.13 0.0 0.75 0.0	0.0 1.0 0.75 0.0	0.0 0.88 0.75 0.0	0.0 0.75 0.75 0.0	0.0 0.63 0.75 0.0	0.0 0.5 0.75 0.0	0.0 0.38 0.75 0.0	0.0 0.25 0.75 0.0	0.0 0.13 0.75 0.0	0.0 0.0 0.75 0.0	0.0 0.25 0.0 0.0	0.13 0.25 0.13 0.0	0.25 0.25 0.25 0.0	0.38 0.25 0.38 0.0	0.5 0.25 0.5 0.0	0.63 0.25 0.63 0.0	0.75 0.25 0.75 0.0	0.88 0.25 0.88 0.0	1.0 0.25 1.0 0.0	0.27 0.27 0.27 0.0	0.27 0.27 0.27 0.0	0.27 0.27 0.27 0.0	0.27 0.27 0.27 0.0
22	0.25 1.0 0.63 0.0	0.25 0.88 0.63 0.0	0.25 0.75 0.63 0.0	0.25 0.63 0.63 0.0	0.25 0.5 0.63 0.0	0.25 0.38 0.63 0.0	0.25 0.25 0.63 0.0	0.25 0.13 0.63 0.0	0.25 0.0 0.63 0.0	0.13 1.0 0.63 0.0	0.13 0.88 0.63 0.0	0.13 0.75 0.63 0.0	0.13 0.63 0.63 0.0	0.13 0.5 0.63 0.0	0.13 0.38 0.63 0.0	0.13 0.25 0.63 0.0	0.13 0.13 0.63 0.0	0.13 0.0 0.63 0.0	0.0 1.0 0.63 0.0	0.0 0.88 0.63 0.0	0.0 0.75 0.63 0.0	0.0 0.63 0.63 0.0	0.0 0.5 0.63 0.0	0.0 0.38 0.63 0.0	0.0 0.25 0.63 0.0	0.0 0.13 0.63 0.0	0.0 0.0 0.63 0.0	0.0 0.38 0.0 0.0	0.13 0.38 0.13 0.0	0.25 0.38 0.25 0.0	0.38 0.38 0.38 0.0	0.5 0.38 0.5 0.0	0.63 0.38 0.63 0.0	0.75 0.38 0.75 0.0	0.88 0.38 0.88 0.0	1.0 0.38 1.0 0.0	0.2 0.2 0.2 0.0	0.2 0.2 0.2 0.0	0.2 0.2 0.2 0.0	0.2 0.2 0.2 0.0
23	0.25 1.0 0.5 0.0	0.25 0.88 0.5 0.0	0.25 0.75 0.5 0.0	0.25 0.63 0.5 0.0	0.25 0.5 0.5 0.0	0.25 0.38 0.5 0.0	0.25 0.25 0.5 0.0	0.25 0.13 0.5 0.0	0.25 0.0 0.5 0.0	0.13 1.0 0.5 0.0	0.13 0.88 0.5 0.0	0.13 0.75 0.5 0.0	0.13 0.63 0.5 0.0	0.13 0.5 0.5 0.0	0.13 0.38 0.5 0.0	0.13 0.25 0.5 0.0	0.13 0.13 0.5 0.0	0.13 0.0 0.5 0.0	0.0 1.0 0.5 0.0	0.0 0.88 0.5 0.0	0.0 0.75 0.5 0.0	0.0 0.63 0.5 0.0	0.0 0.5 0.5 0.0	0.0 0.38 0.5 0.0	0.0 0.25 0.5 0.0	0.0 0.13 0.5 0.0	0.0 0.0 0.5 0.0	0.0 0.5 0.0 0.0	0.13 0.5 0.13 0.0	0.25 0.5 0.25 0.0	0.38 0.5 0.38 0.0	0.5 0.5 0.5 0.0	0.63 0.5 0.63 0.0	0.75 0.5 0.75 0.0	0.88 0.5 0.88 0.0	1.0 0.5 1.0 0.0	0.13 0.13 0.13 0.0	0.13 0.13 0.13 0.0	0.13 0.13 0.13 0.0	0.13 0.13 0.13 0.0
24	0.25 1.0 0.38 0.0	0.25 0.88 0.38 0.0	0.25 0.75 0.38 0.0	0.25 0.63 0.38 0.0	0.25 0.5 0.38 0.0	0.25 0.38 0.38 0.0	0.25 0.25 0.38 0.0	0.25 0.13 0.38 0.0	0.25 0.0 0.38 0.0	0.13 1.0 0.38 0.0	0.13 0.88 0.38 0.0	0.13 0.75 0.38 0.0	0.13 0.63 0.38 0.0	0.13 0.5 0.38 0.0	0.13 0.38 0.38 0.0	0.13 0.25 0.38 0.0	0.13 0.13 0.38 0.0	0.13 0.0 0.38 0.0	0.0 1.0 0.38 0.0	0.0 0.88 0.38 0.0	0.0 0.75 0.38 0.0	0.0 0.63 0.38 0.0	0.0 0.5 0.38 0.0	0.0 0.38 0.38 0.0	0.0 0.25 0.38 0.0	0.0 0.13 0.38 0.0	0.0 0.0 0.38 0.0	0.0 0.63 0.0 0.0	0.13 0.63 0.13 0.0	0.25 0.63 0.25 0.0	0.38 0.63 0.38 0.0	0.5 0.63 0.5 0.0	0.63 0.63 0.63 0.0	0.75 0.63 0.75 0.0	0.88 0.63 0.88 0.0	1.0 0.63 1.0 0.0	0.07 0.07 0.07 0.0	0.07 0.07 0.07 0.0	0.07 0.07 0.07 0.0	0.07 0.07 0.07 0.0
25	0.25 1.0 0.25 0.0	0.25 0.88 0.25 0.0	0.25 0.75 0.25 0.0	0.25 0.63 0.25 0.0	0.25 0.5 0.25 0.0	0.25 0.38 0.25 0.0	0.25 0.25 0.25 0.0	0.25 0.13 0.25 0.0	0.25 0.0 0.25 0.0	0.13 1.0 0.25 0.0	0.13 0.88 0.25 0.0	0.13 0.75 0.25 0.0	0.13 0.63 0.25 0.0	0.13 0.5 0.25 0.0	0.13 0.38 0.25 0.0	0.13 0.25 0.25 0.0	0.13 0.13 0.25 0.0	0.13 0.0 0.25 0.0	0.0 1.0 0.25 0.0	0.0 0.88 0.25 0.0	0.0 0.75 0.25 0.0	0.0 0.63 0.25 0.0	0.0 0.5 0.25 0.0	0.0 0.38 0.25 0.0	0.0 0.25 0.25 0.0	0.0 0.13 0.25 0.0	0.0 0.0 0.25 0.0	0.0 0.75 0.0 0.0	0.13 0.75 0.13 0.0	0.25 0.75 0.25 0.0	0.38 0.75 0.38 0.0	0.5 0.75 0.5 0.0	0.63 0.75 0.63 0.0	0.75 0.75 0.75 0.0	0.88 0.75 0.88 0.0	1.0 0.75 1.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
26	0.25 1.0 0.13 0.0	0.25 0.88 0.13 0.0	0.25 0.75 0.13 0.0	0.25 0.63 0.13 0.0	0.25 0.5 0.13 0.0	0.25 0.38 0.13 0.0	0.25 0.25 0.13 0.0	0.25 0.13 0.13 0.0	0.25 0.0 0.13 0.0	0.13 1.0 0.13 0.0	0.13 0.88 0.13 0.0	0.13 0.75 0.13 0.0	0.13 0.63 0.13 0.0	0.13 0.5 0.13 0.0	0.13 0.38 0.13 0.0	0.13 0.25 0.13 0.0	0.13 0.13 0.13 0.0	0.13 0.0 0.13 0.0	0.0 1.0 0.13 0.0	0.0 0.88 0.13 0.0	0.0 0.75 0.13 0.0	0.0 0.63 0.13 0.0	0.0 0.5 0.13 0.0	0.0 0.38 0.13 0.0	0.0 0.25 0.13 0.0	0.0 0.13 0.13 0.0	0.0 0.0 0.13 0.0	0.0 0.88 0.0 0.0	0.13 0.88 0.13 0.0	0.25 0.88 0.25 0.0	0.38 0.88 0.38 0.0	0.5 0.88 0.5 0.0	0.63 0.88 0.63 0.0	0.75 0.88 0.75 0.0	0.88 0.88 0.88 0.0	1.0 0.88 1.0 0.0	1.0 1.0 1.0 0.0	0.0 1.0 1.0 0.0	0.0 0.0 1.0 0.0	1.0 0.0 1.0 0.0
27	0.25 1.0 0.0 0.0	0.25 0.88 0.0 0.0	0.25 0.75 0.0 0.0	0.25 0.63 0.0 0.0	0.25 0.5 0.0 0.0	0.25 0.38 0.0 0.0	0.25 0.25 0.0 0.0	0.25 0.13 0.0 0.0	0.25 0.0 0.0 0.0	0.13 1.0 0.0 0.0	0.13 0.88 0.0 0.0	0.13 0.75 0.0 0.0	0.13 0.63 0.0 0.0	0.13 0.5 0.0 0.0	0.13 0.38 0.0 0.0	0.13 0.25 0.0 0.0	0.13 0.13 0.0 0.0	0.13 0.0 0.0 0.0	0.0 1.0 0.0 0.0	0.0 0.88 0.0 0.0	0.0 0.75 0.0 0.0	0.0 0.63 0.0 0.0	0.0 0.5 0.0 0.0	0.0 0.38 0.0 0.0	0.0 0.25 0.0 0.0	0.0 0.13 0.0 0.0	0.0 0.0 0.0 0.0	0.0 1.0 0.0 0.0	0.13 1.0 0.13 0.0	0.25 1.0 0.25 0.0	0.38 1.0 0.38 0.0	0.5 1.0 0.5 0.0	0.63 1.0 0.63 0.0	0.75 1.0 0.75 0.0	0.88 1.0 0.88 0.0	1.0 1.0 1.0 0.0	0.0 0.0 0.0 0.0	1.0 0.0 0.0 0.0	1.0 1.0 0.0 0.0	0.0 1.0 0.0 0.0

BAM registration: 20081001-Ee40/10L/L40E00NP.PS/ .PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

3 separations and 9 data tables for 16 hues *o00y* to *m75o*
input: *000n / w / nnn0 / www set...*
output: *−>cmy0* setcmykcolor*