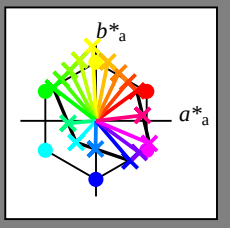
Input and output:
Colorimetric Printer Reflective System FRS12_95a
data for any colour:
u^*_d and number *no.* = 00 .. 15
device hue text:
u^*_d = 16 hues *o00y, o25y, ..., m50o*
contrast reduction factor:
c_R = 0.9

FRS12_95a; adapted (a) CIELAB data

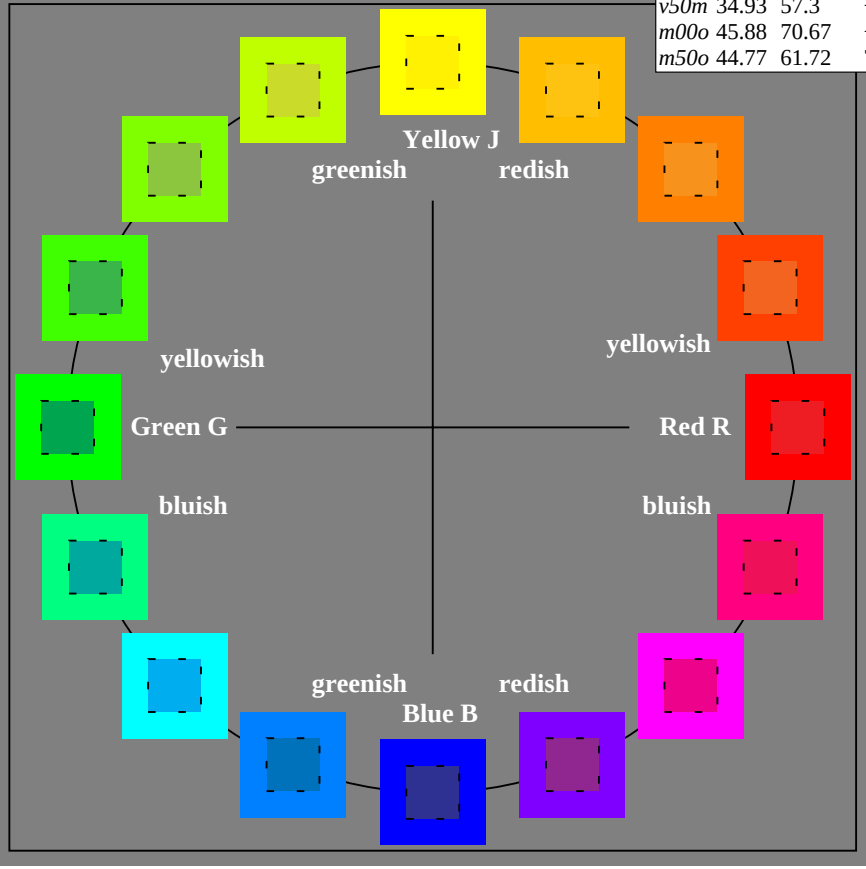
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

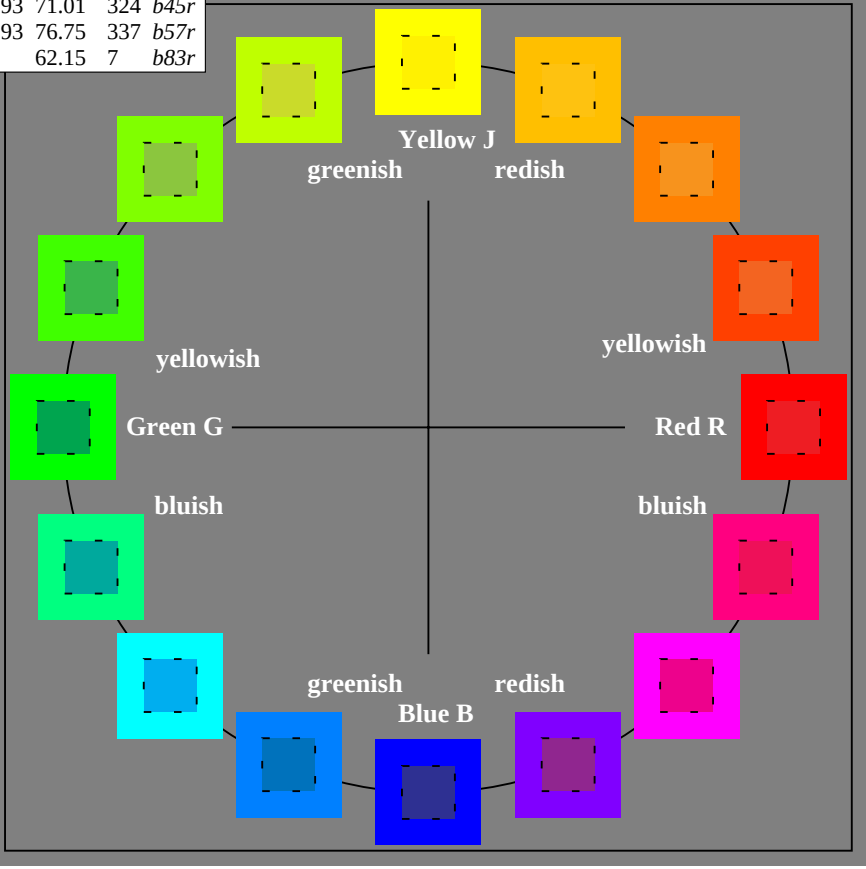


%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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



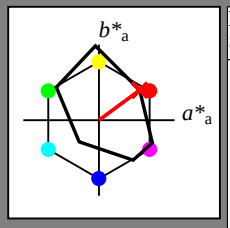


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

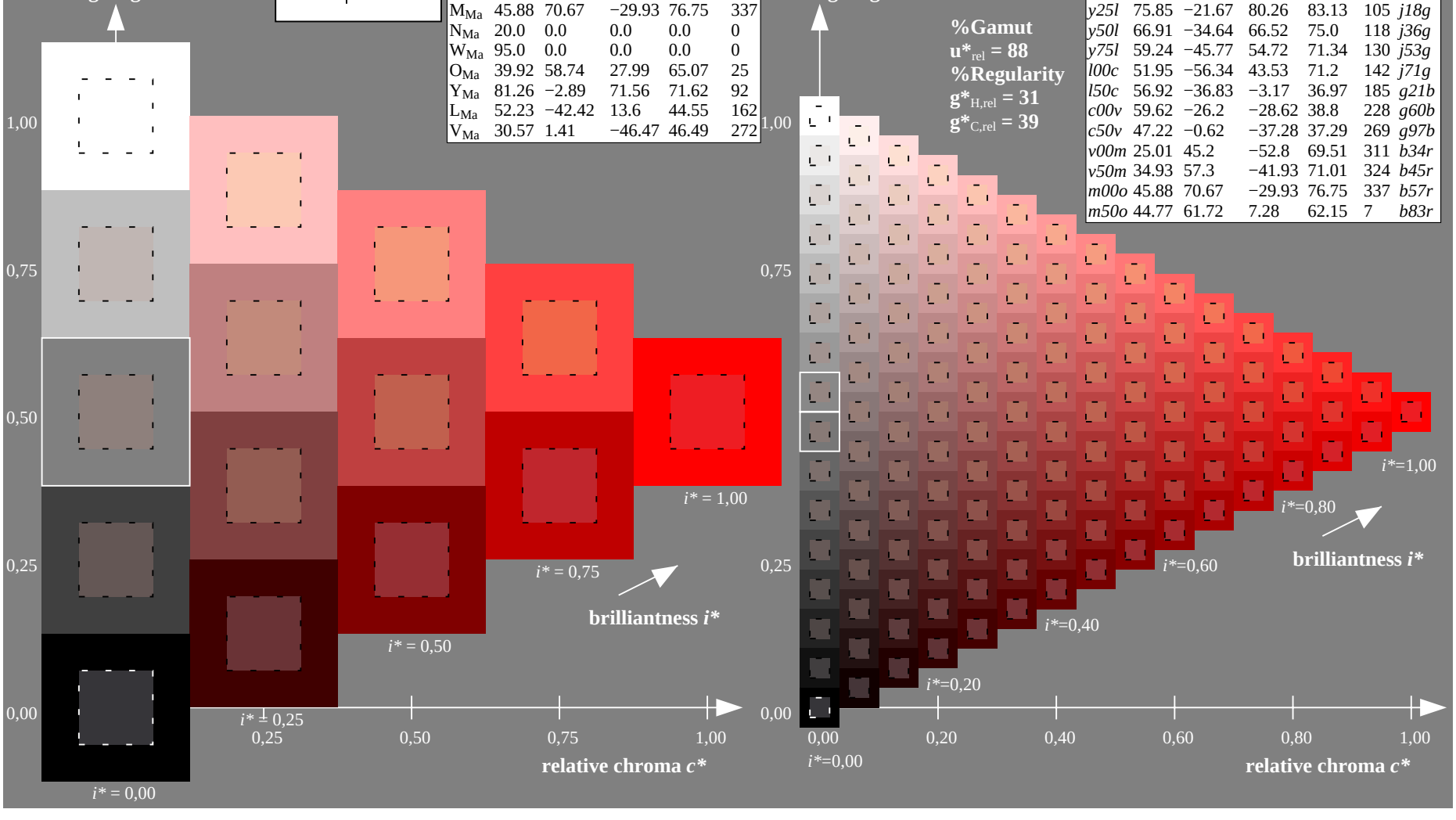
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 54 40**
***LAB*LCH**$_{Ma}$: 44 67 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} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

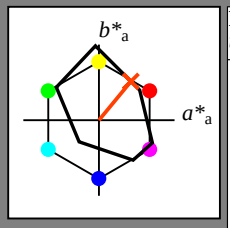
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

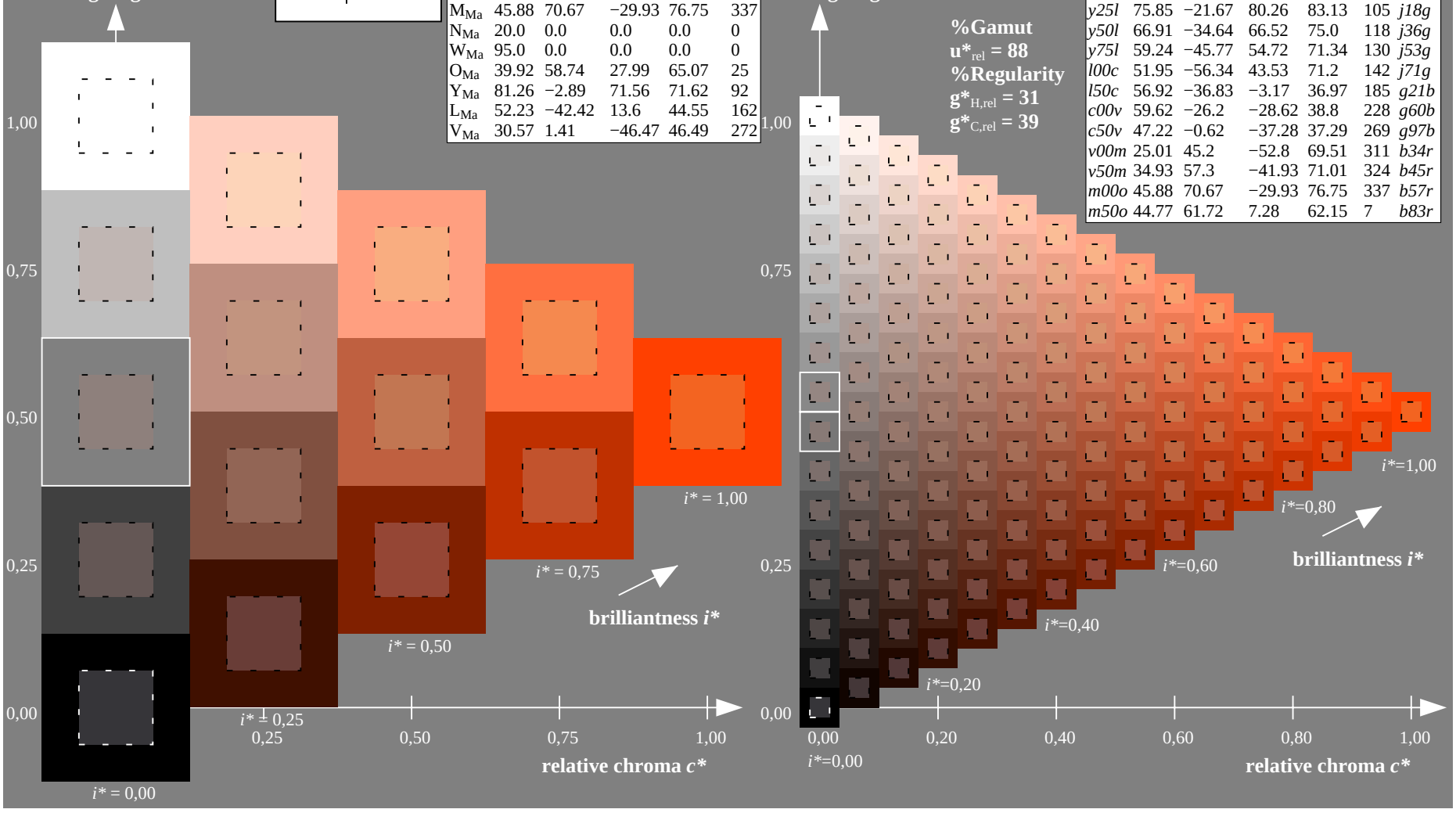
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 42 51**
***LAB*LCH**$_{Ma}$: 52 67 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} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

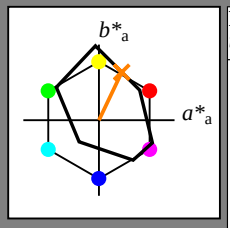


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

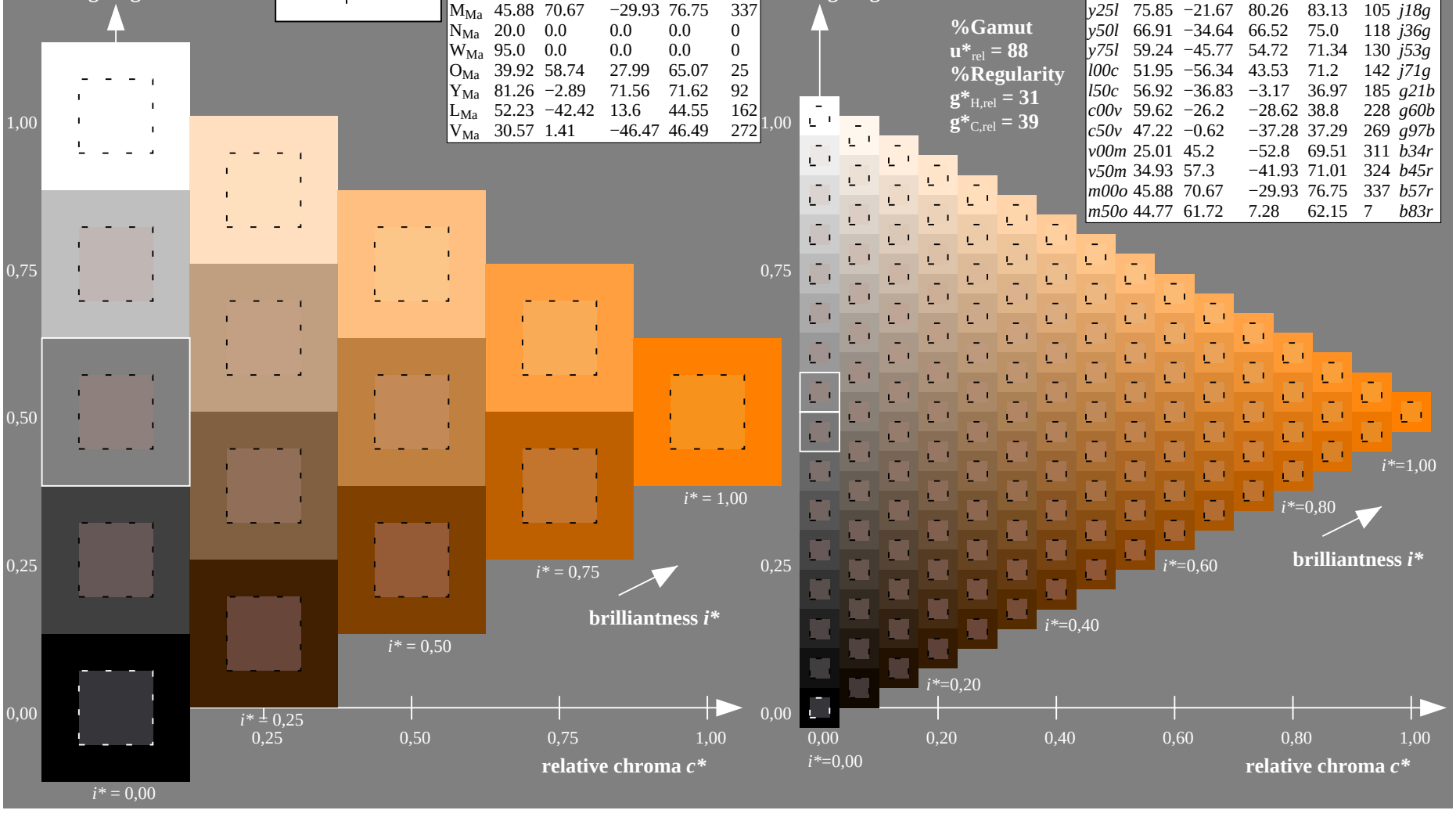
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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**$_{Ma}$: 62 30 63
*LAB*LCH**$_{Ma}$: 62 70 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} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

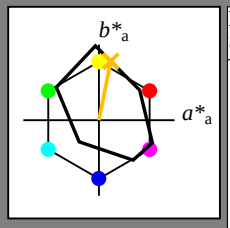


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

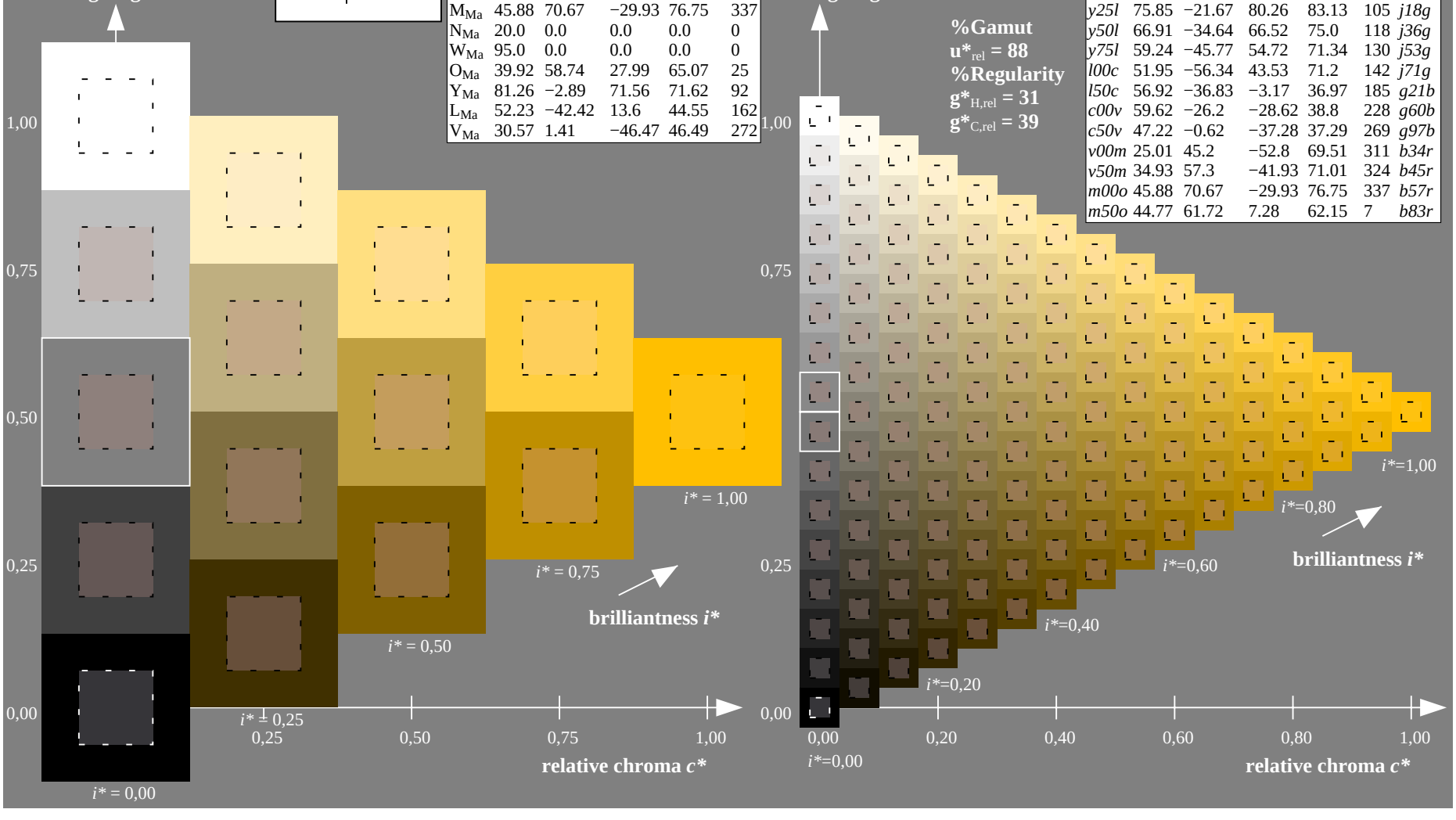
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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):
$LAB^*LAB^*_{Ma}$: 72 16 78
$LAB^*LCH^*_{Ma}$: 72 80 78
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.8 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

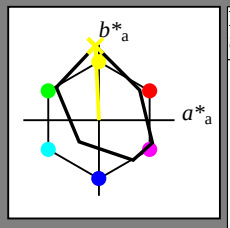


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

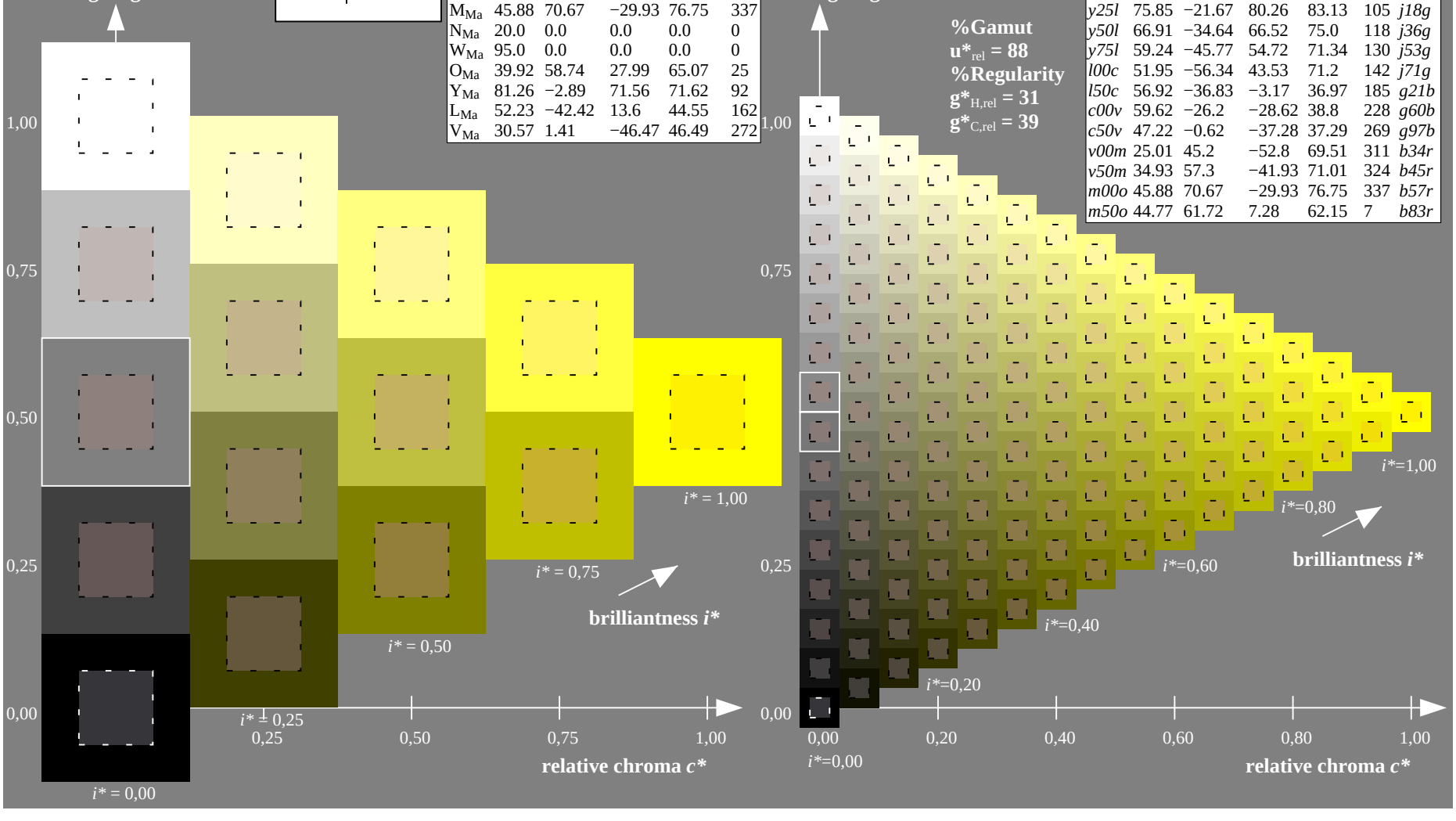
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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*: 88 −5 98**
***LAB*LCH*Ma*: 88 98 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} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

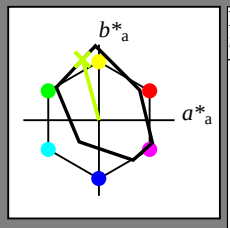


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

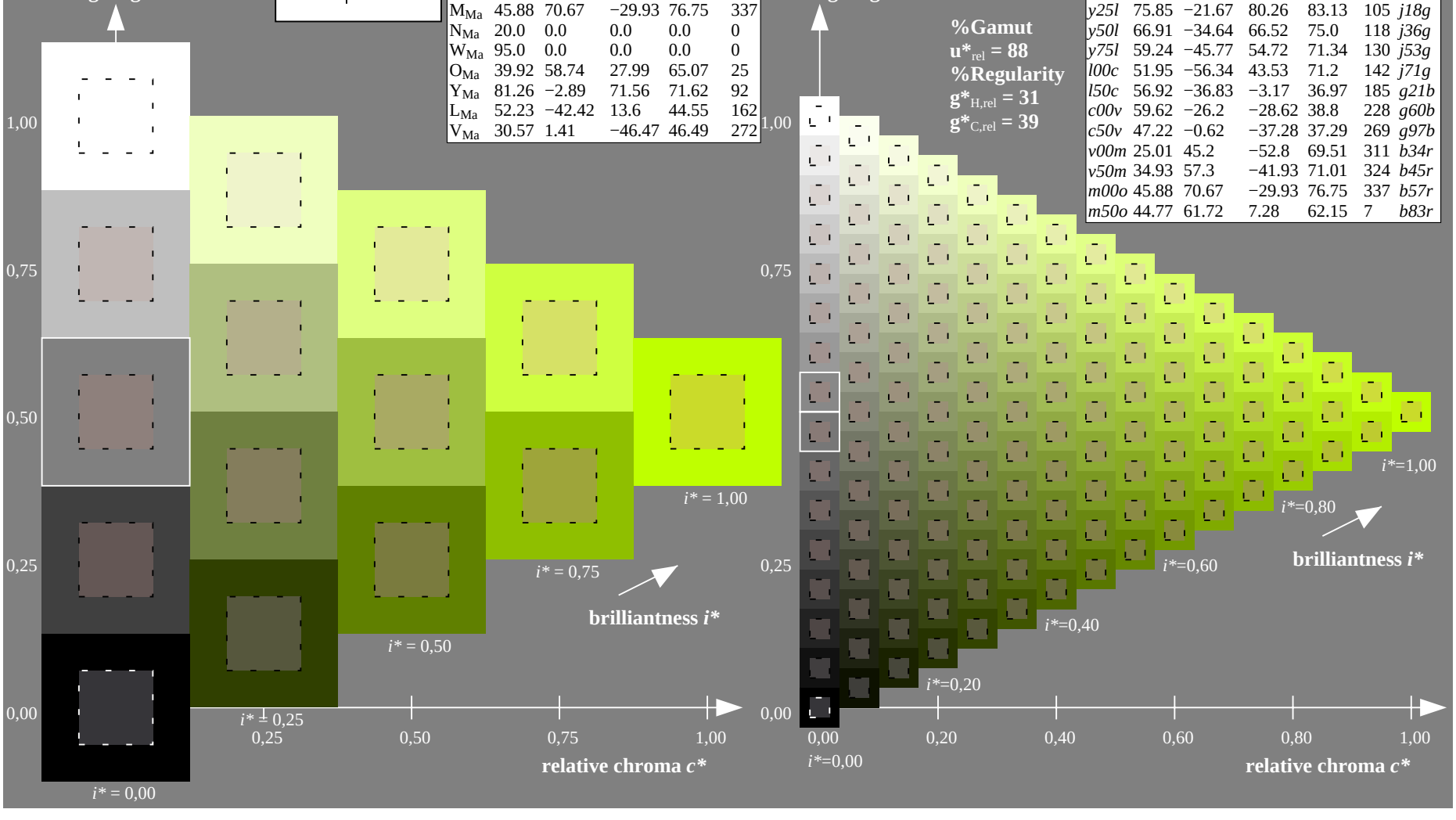
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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**$_{Ma}$: 76 −22 80**
***LAB*LCH**$_{Ma}$: 76 83 105**
***lab*olv**$_{Ma}$: 0.75 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.82 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

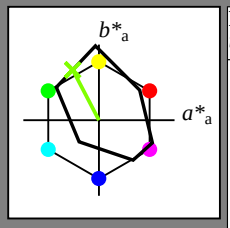


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$ $u^*_d = y50l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

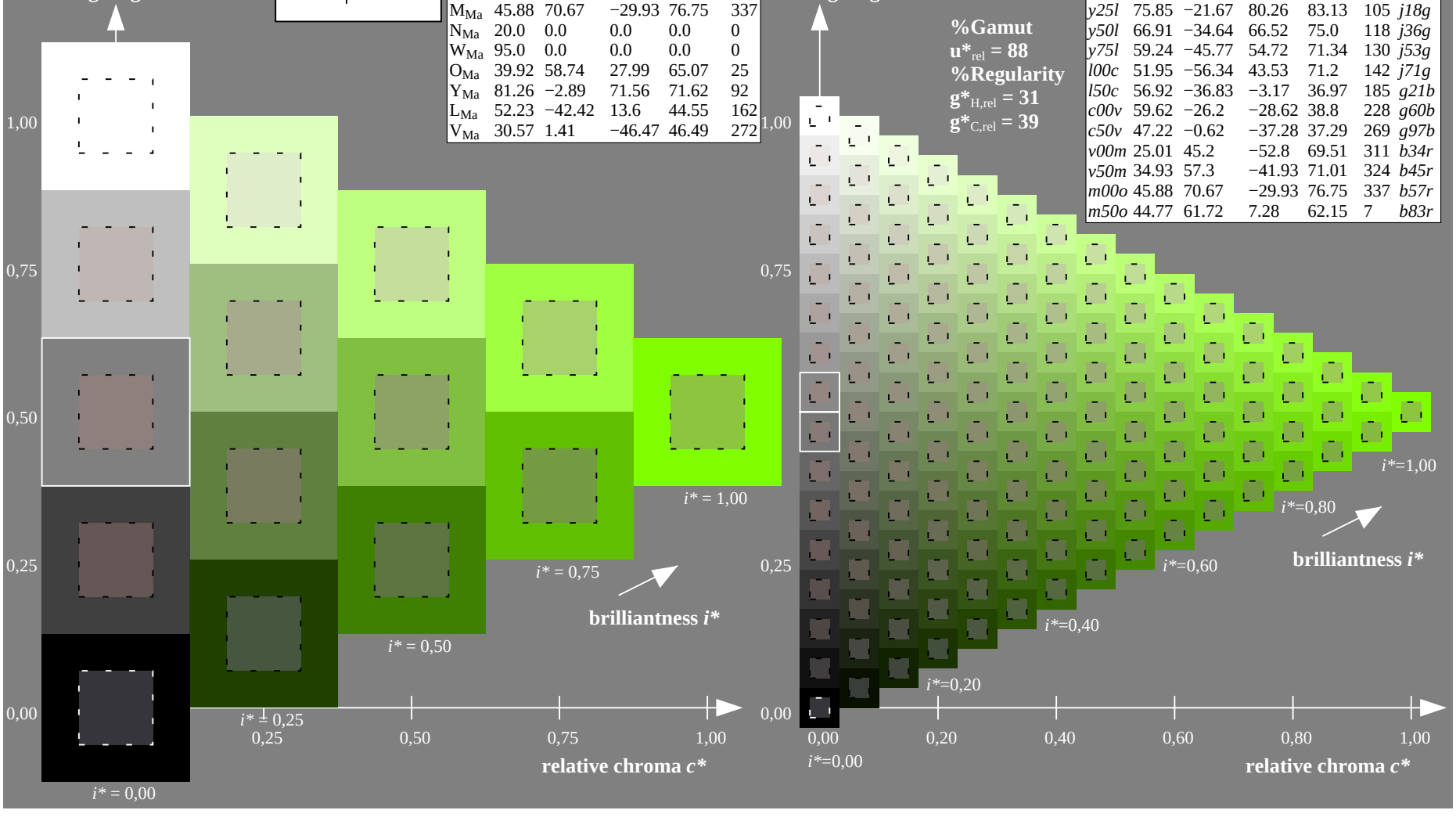
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 −35 67**
***LAB*LCH*Ma*: 67 75 117**
***lab*olv*Ma*: 0.5 1.0 0.0**
***lab*rgb*Ma*: 0.64 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

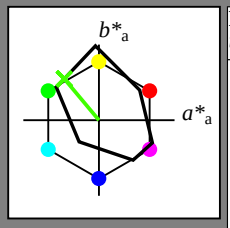


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

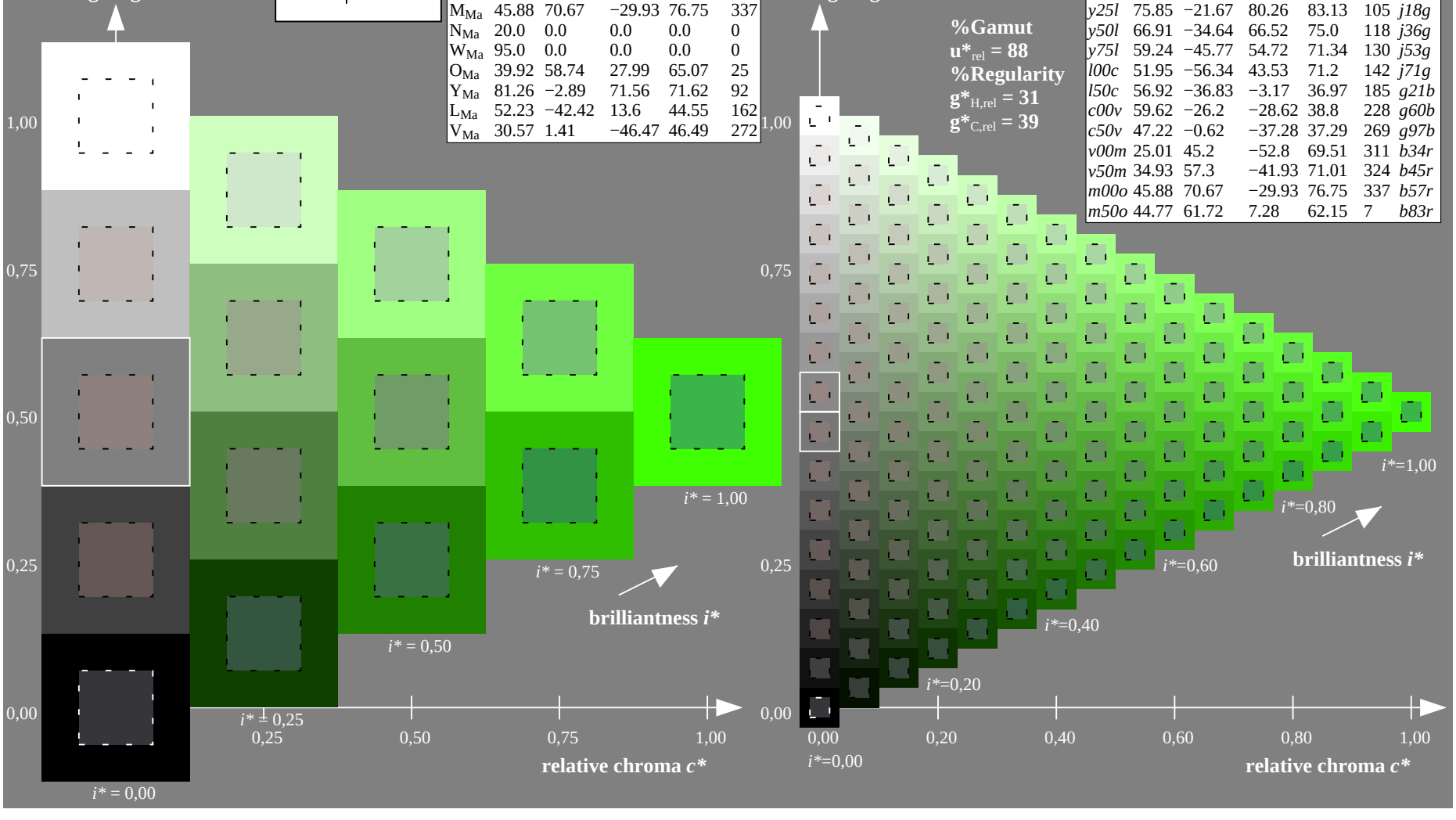
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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):
$LAB^*LAB^*_{Ma}$: 59 −46 55
$LAB^*LCH^*_{Ma}$: 59 71 129
$lab^*olv^*_{Ma}$: 0.25 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

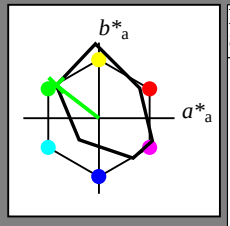


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$ $u^*_d = l00c$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

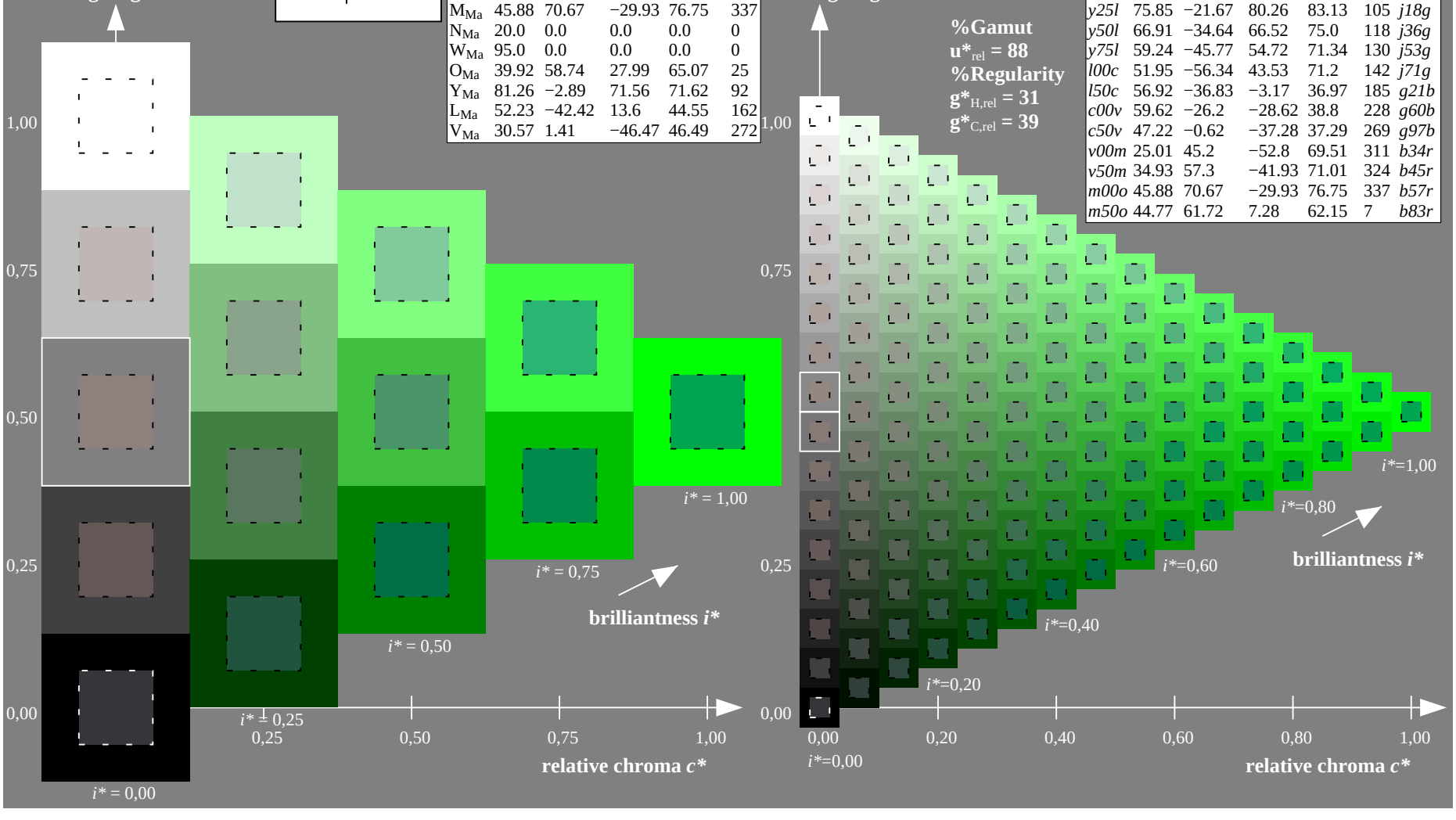
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 −56 44
*LAB*LCH**$_{Ma}$: 52 71 142
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

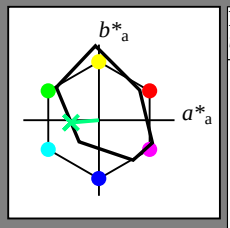


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

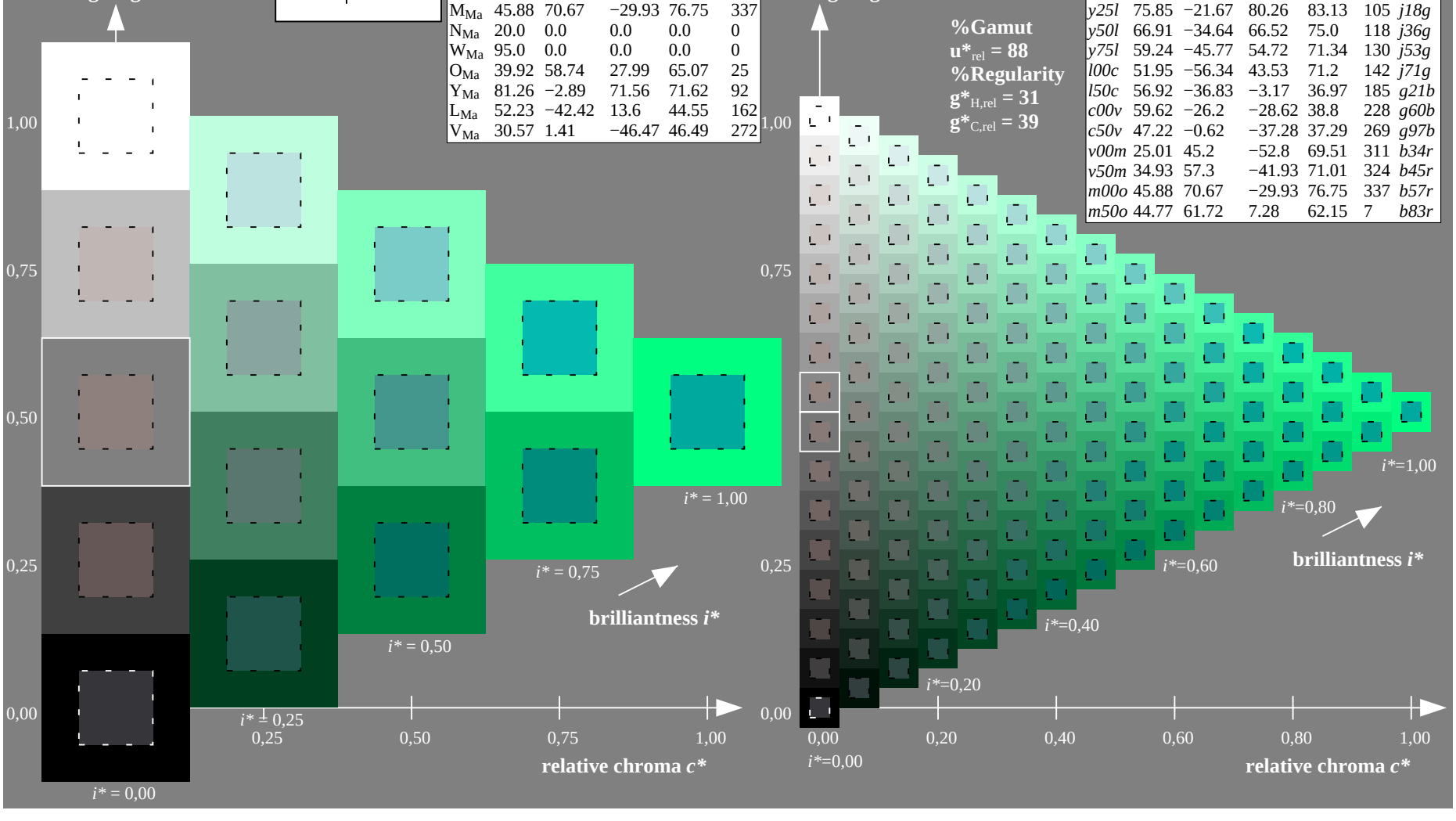
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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**$_{Ma}$: 57 −37 −3**
***LAB*LCH**$_{Ma}$: 57 37 184**
***lab*olv**$_{Ma}$: 0.0 1.0 0.5**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.41**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

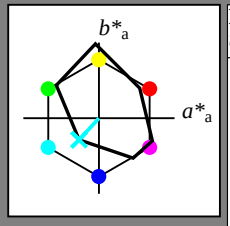


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

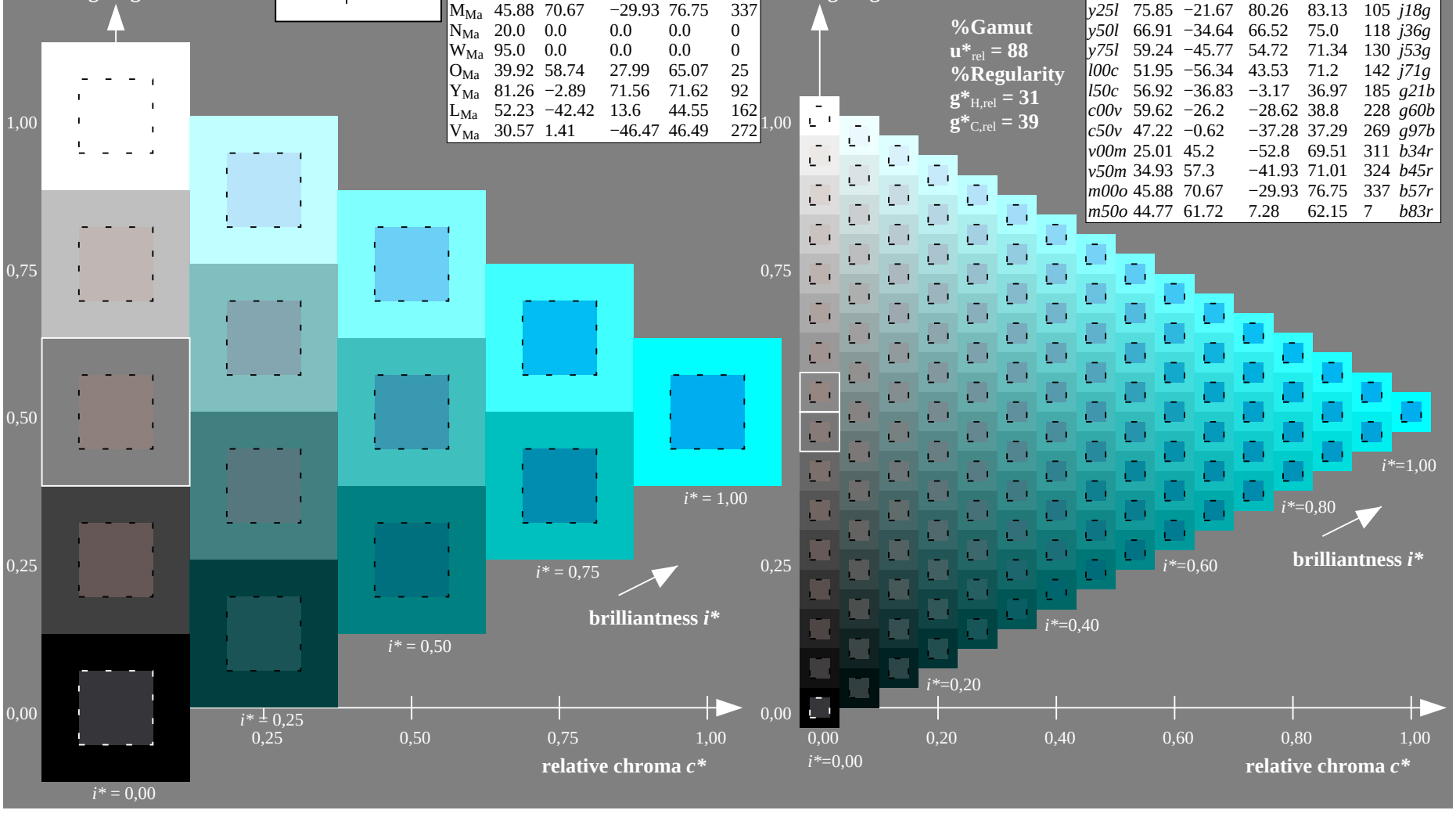
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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**$_{Ma}$: 60 −26 −29**
***LAB*LCH**$_{Ma}$: 60 39 227**
***lab*olv**$_{Ma}$: 0.0 1.0 1.0**
***lab*rgb**$_{Ma}$: 0.0 0.81 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

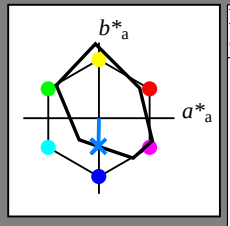


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

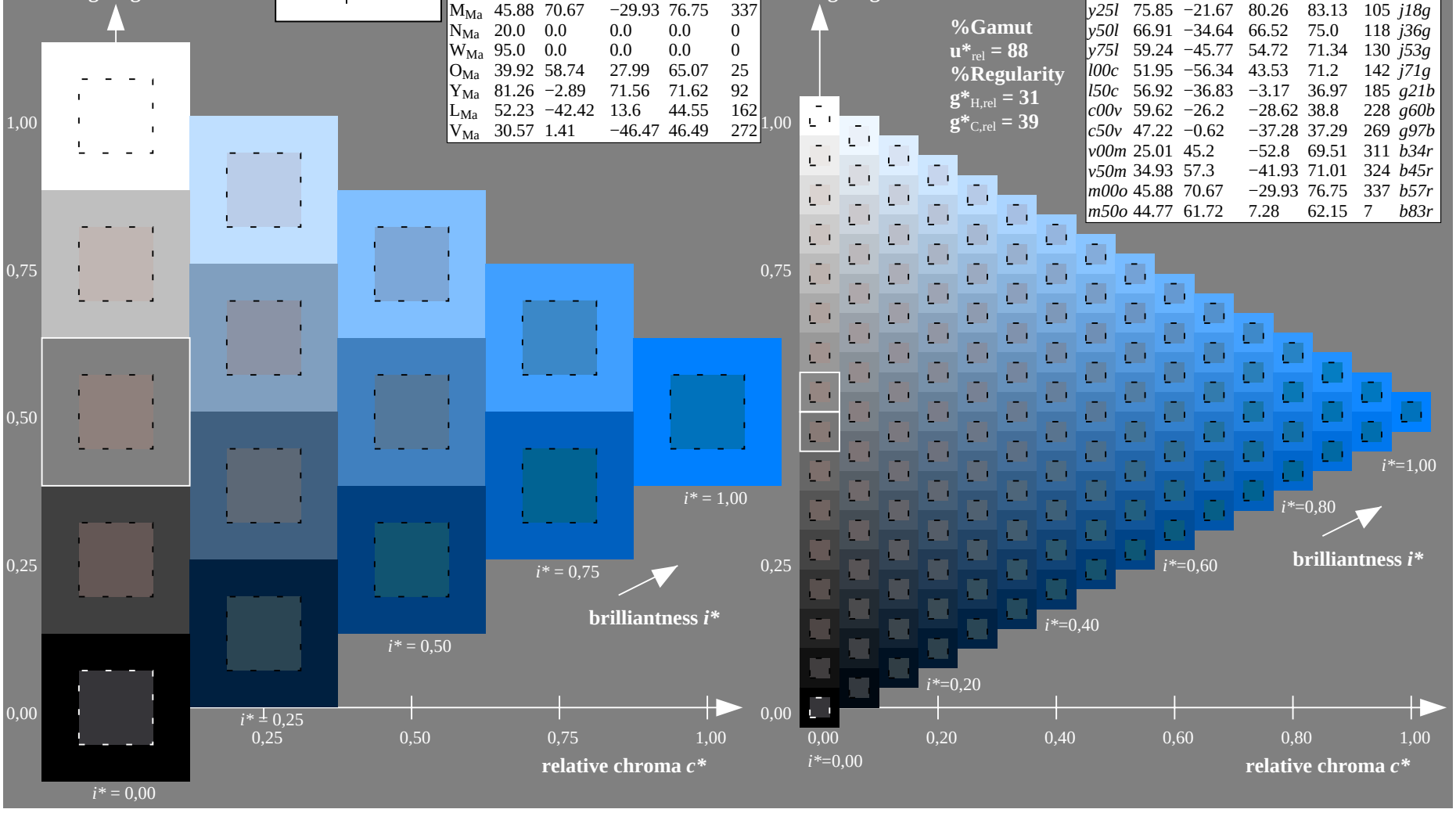
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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**$_{Ma}$: 47 −1 −37
*LAB*LCH**$_{Ma}$: 47 37 269
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.05 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

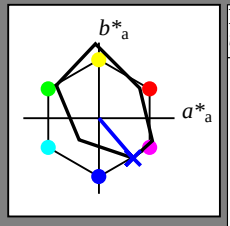


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$ **$u^*_d = v00m$**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

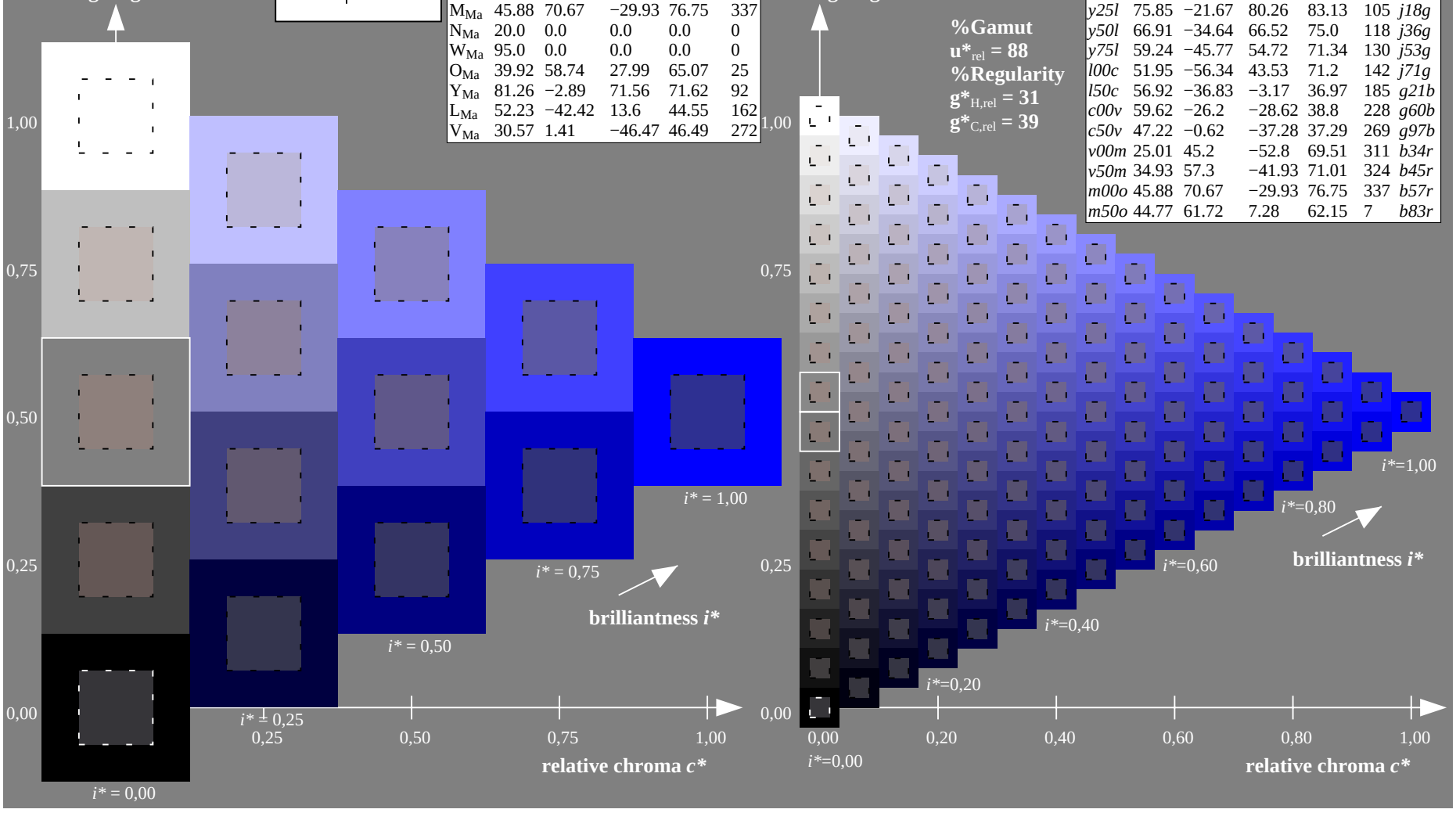
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 45 −53**
***LAB*LCH*Ma*: 25 70 310**
***lab*olv*Ma*: 0.0 0.0 1.0**
***lab*rgb*Ma*: 0.68 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

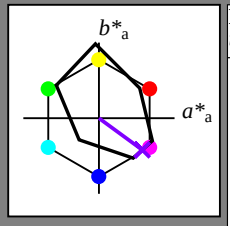


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

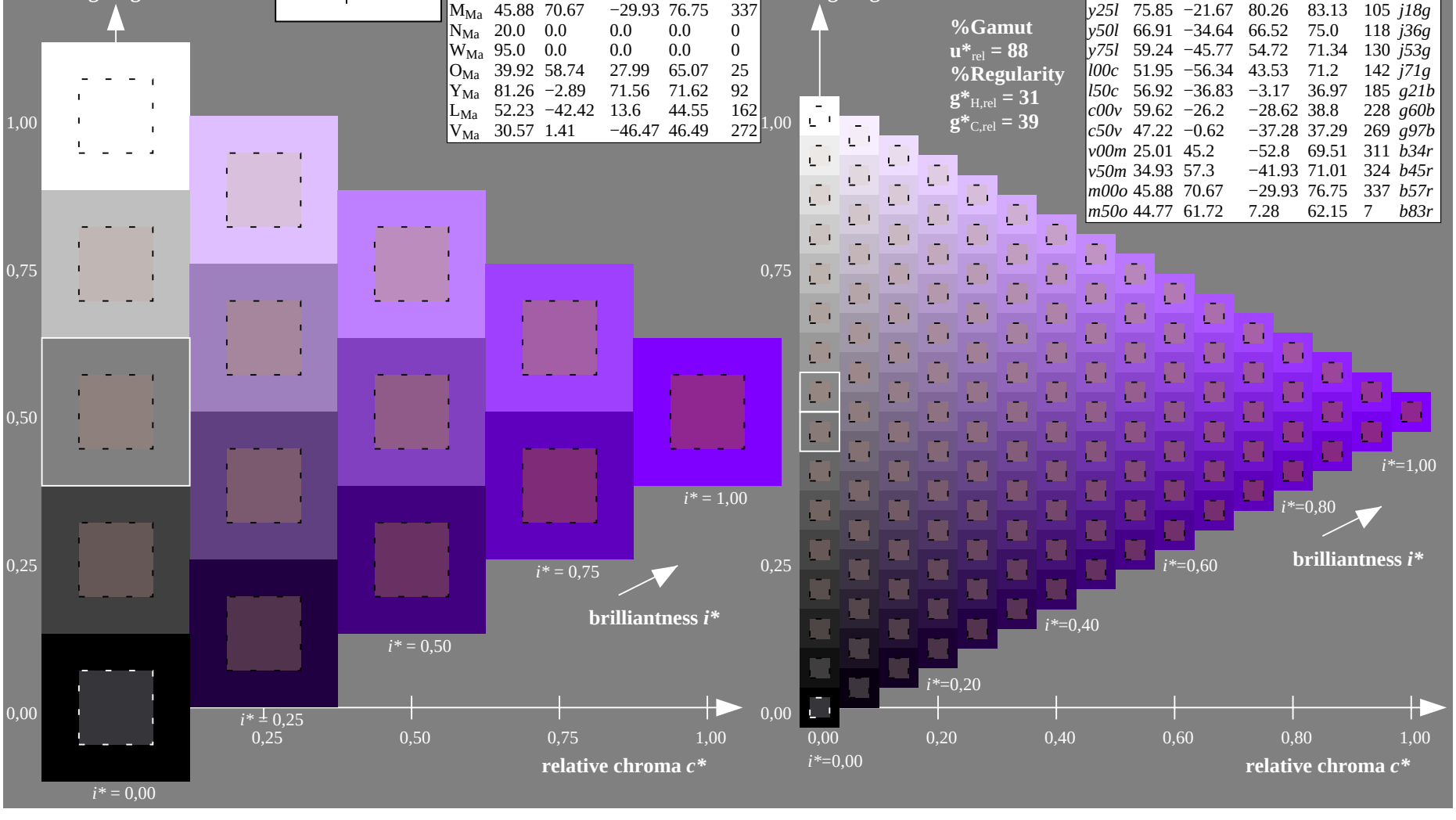
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 57 −42**
***LAB*LCH*Ma*: 35 71 323**
***lab*olv*Ma*: 0.5 0.0 1.0**
***lab*rgb*Ma*: 0.92 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

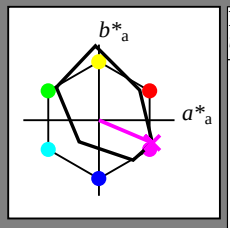


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

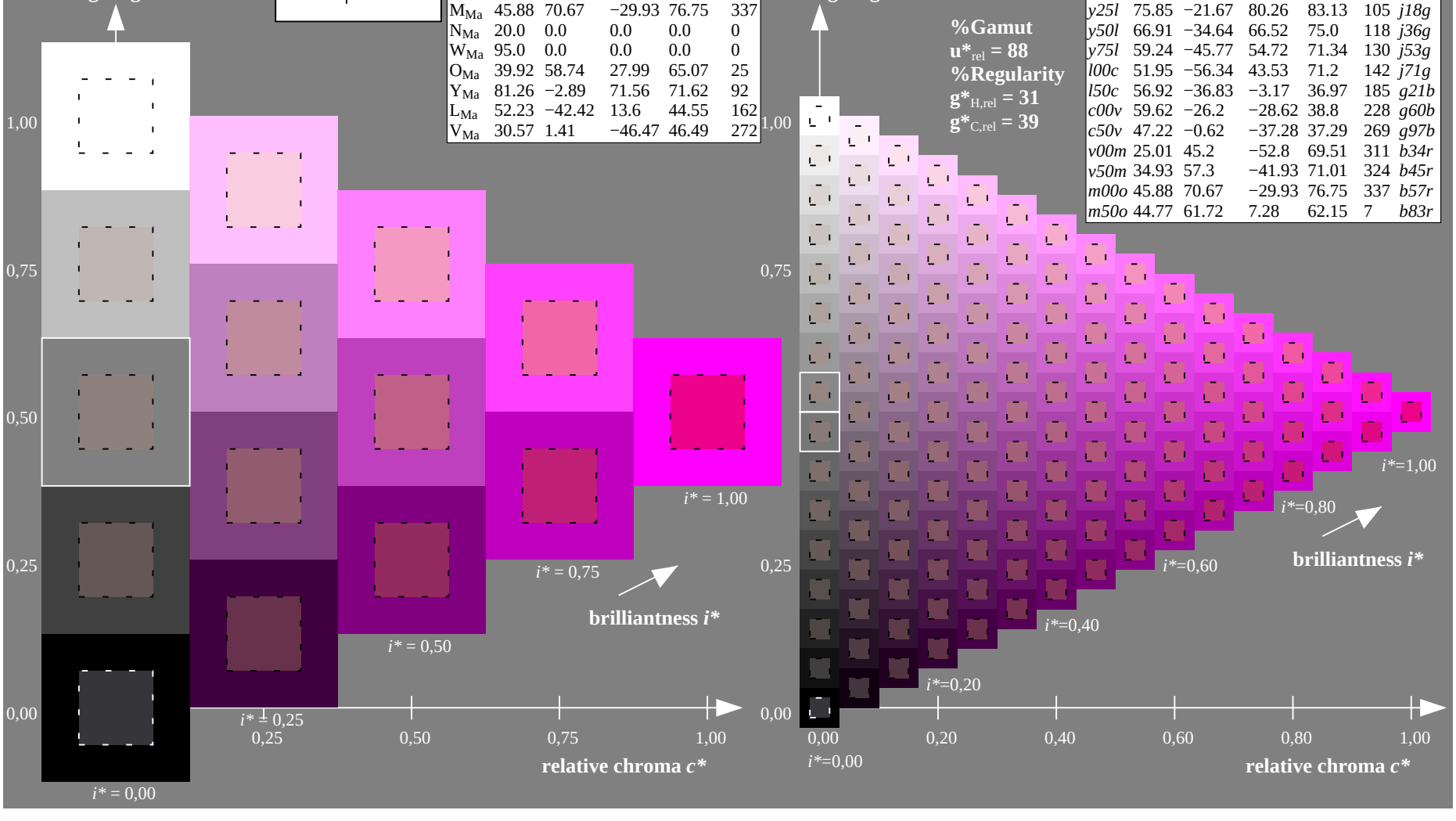
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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*: 46 71 −30**
***LAB*LCH*Ma*: 46 77 337**
***lab*olv*Ma*: 1.0 0.0 1.0**
***lab*rgb*Ma*: 1.0 0.0 0.85**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

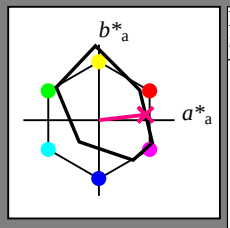


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$ $u^*_d = m50o$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

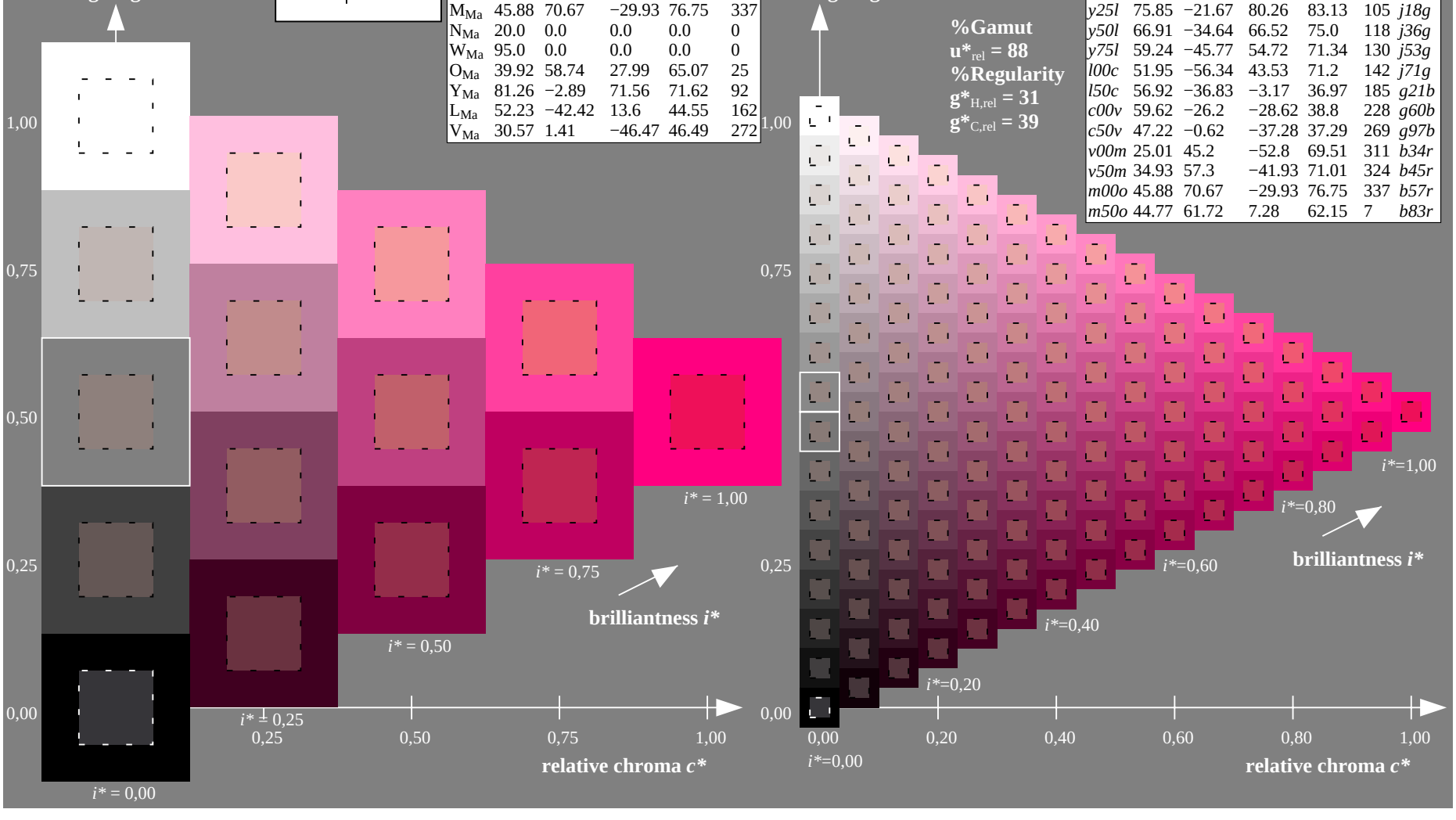
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 62 7
*LAB*LCH**$_{Ma}$: 45 62 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} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

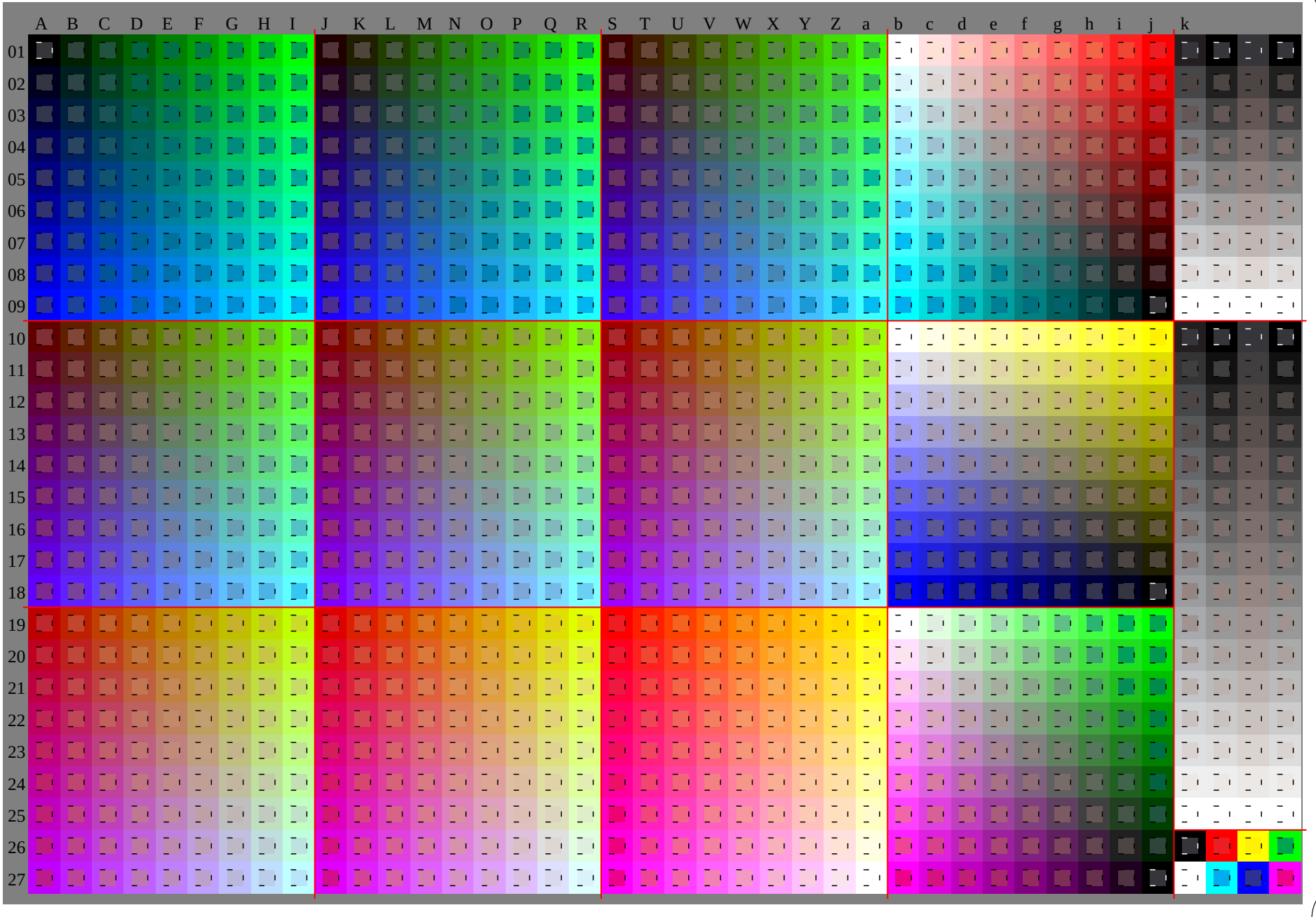
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

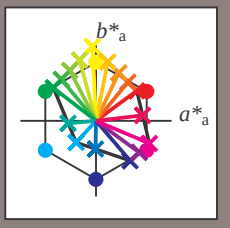
BAM-test chart Fe63; Relative Device Colour System
D65: colour scales and 9 data tables for 16 hues *o00y* to *m50o*

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

Input and output:
Colorimetric Printer Reflective System FRS12_95a
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 = 0.9

FRS12_95a; adapted (a) CIELAB data

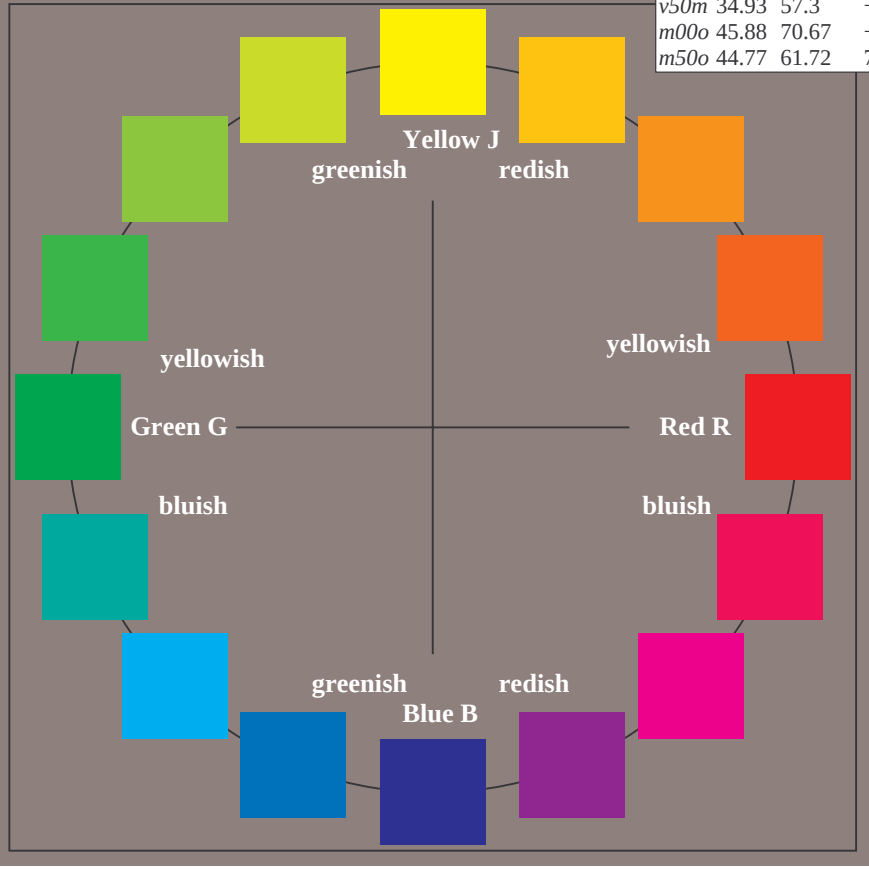
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

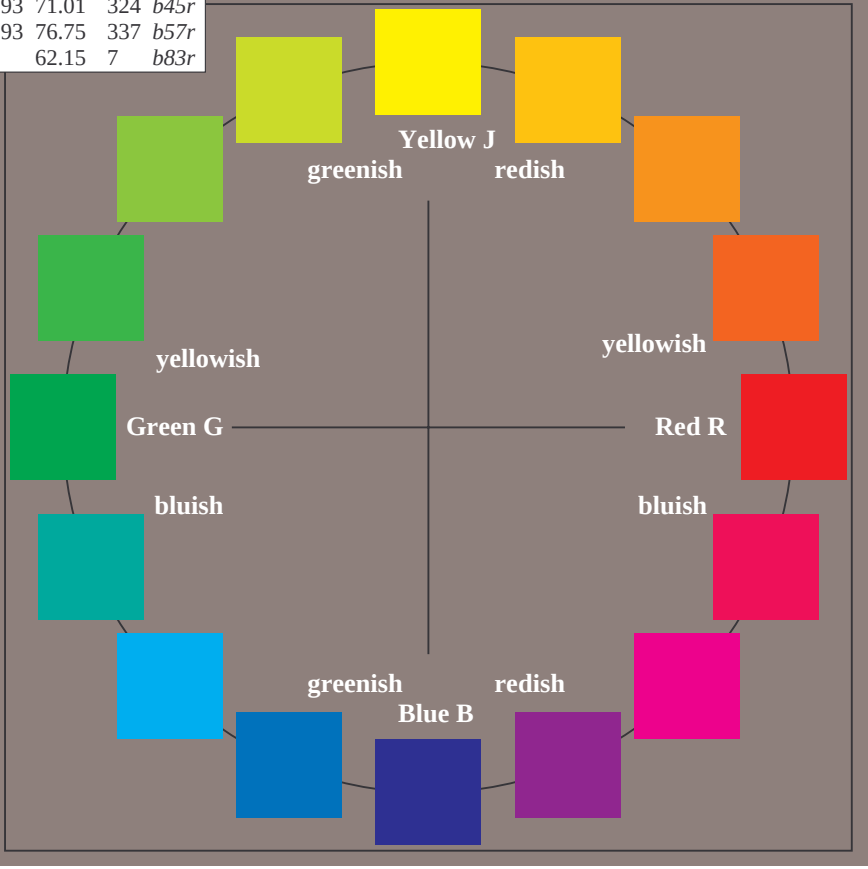


%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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



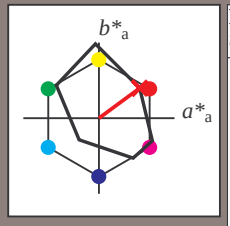


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

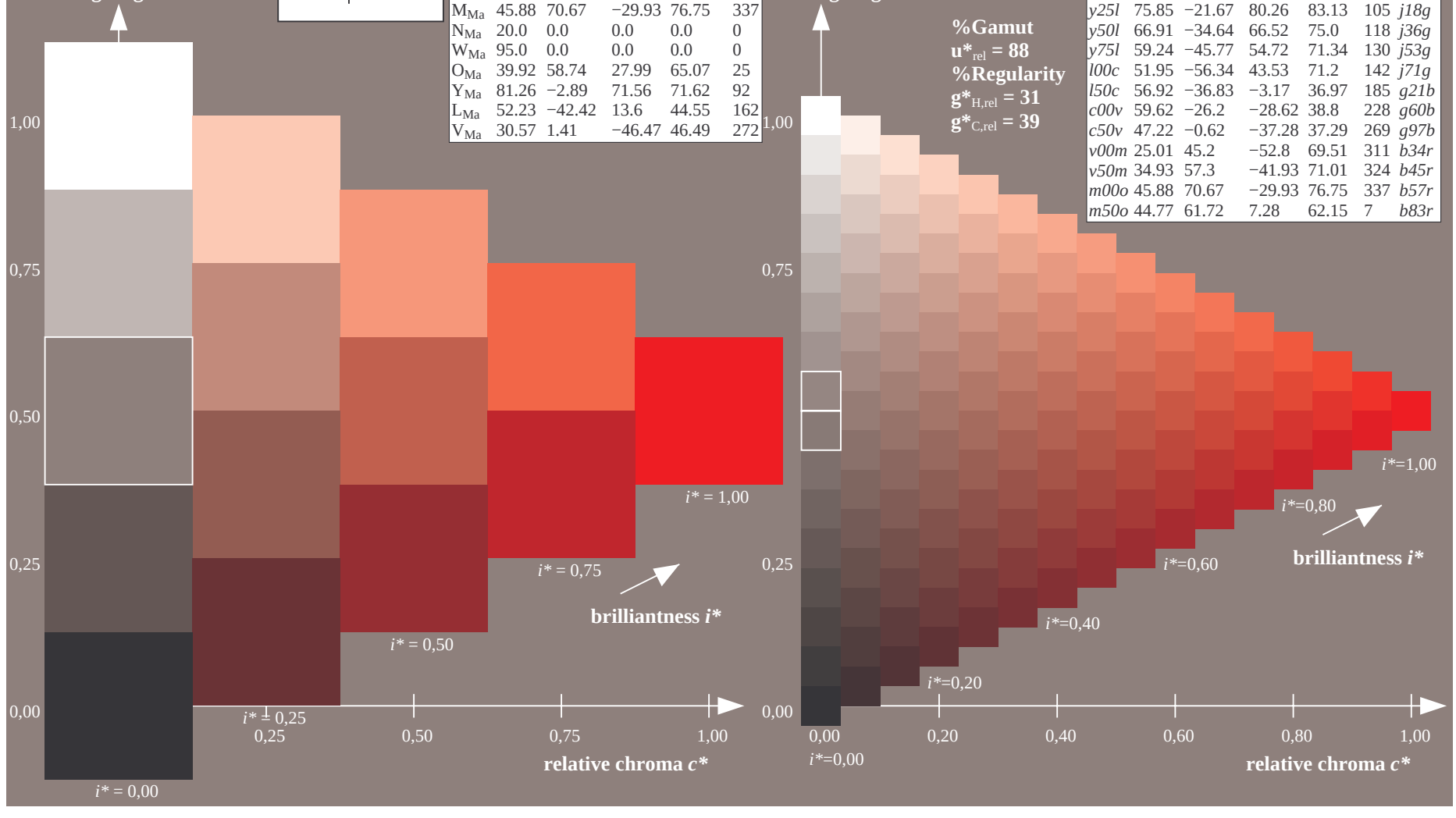
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 54 40**
***LAB*LCH**$_{Ma}$: 44 67 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} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

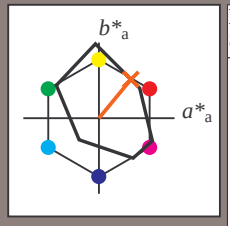


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

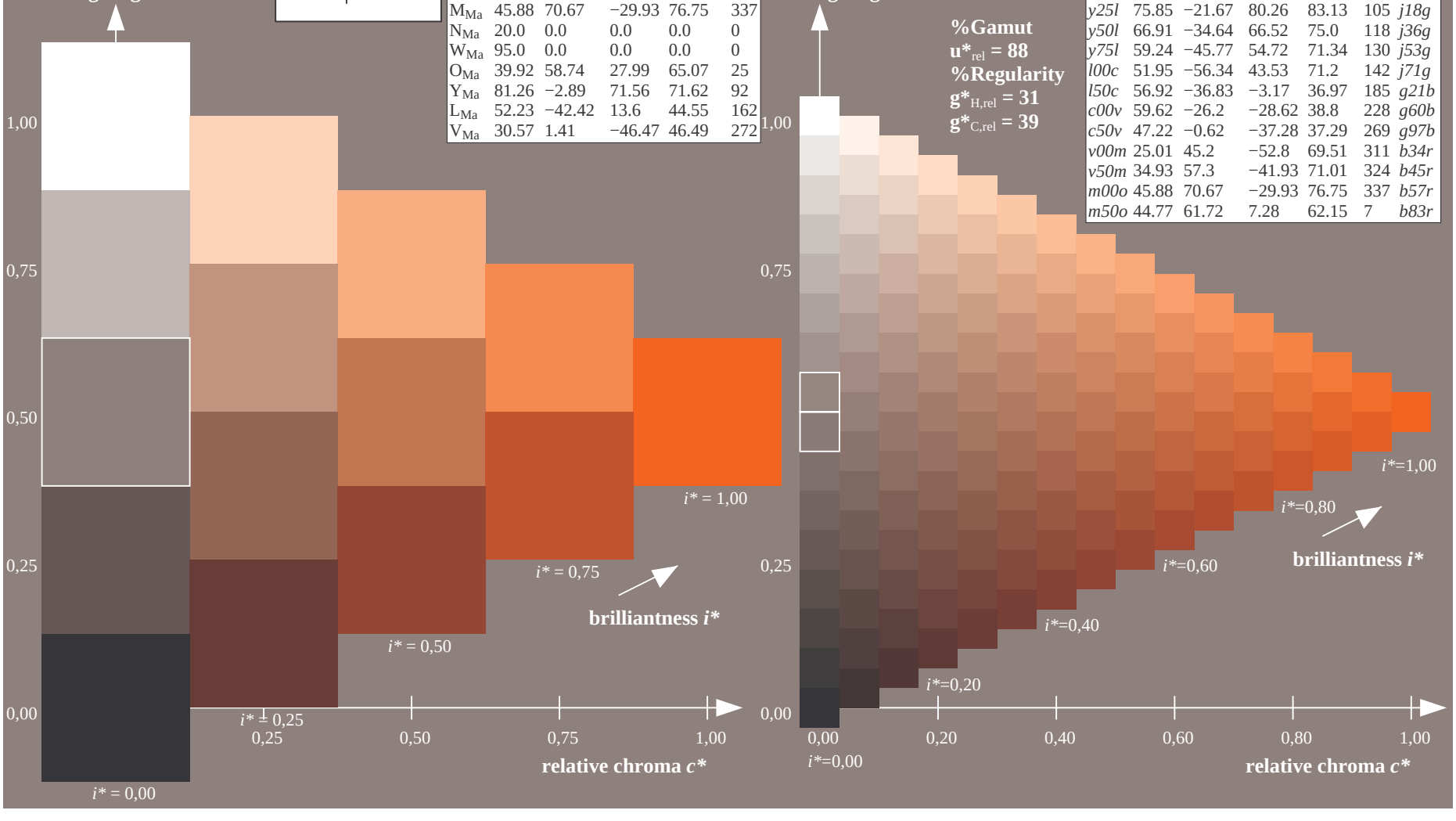
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 42 51**
***LAB*LCH**$_{Ma}$: 52 67 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} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

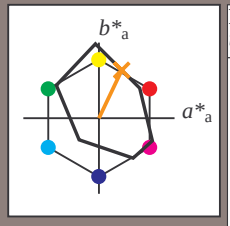


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

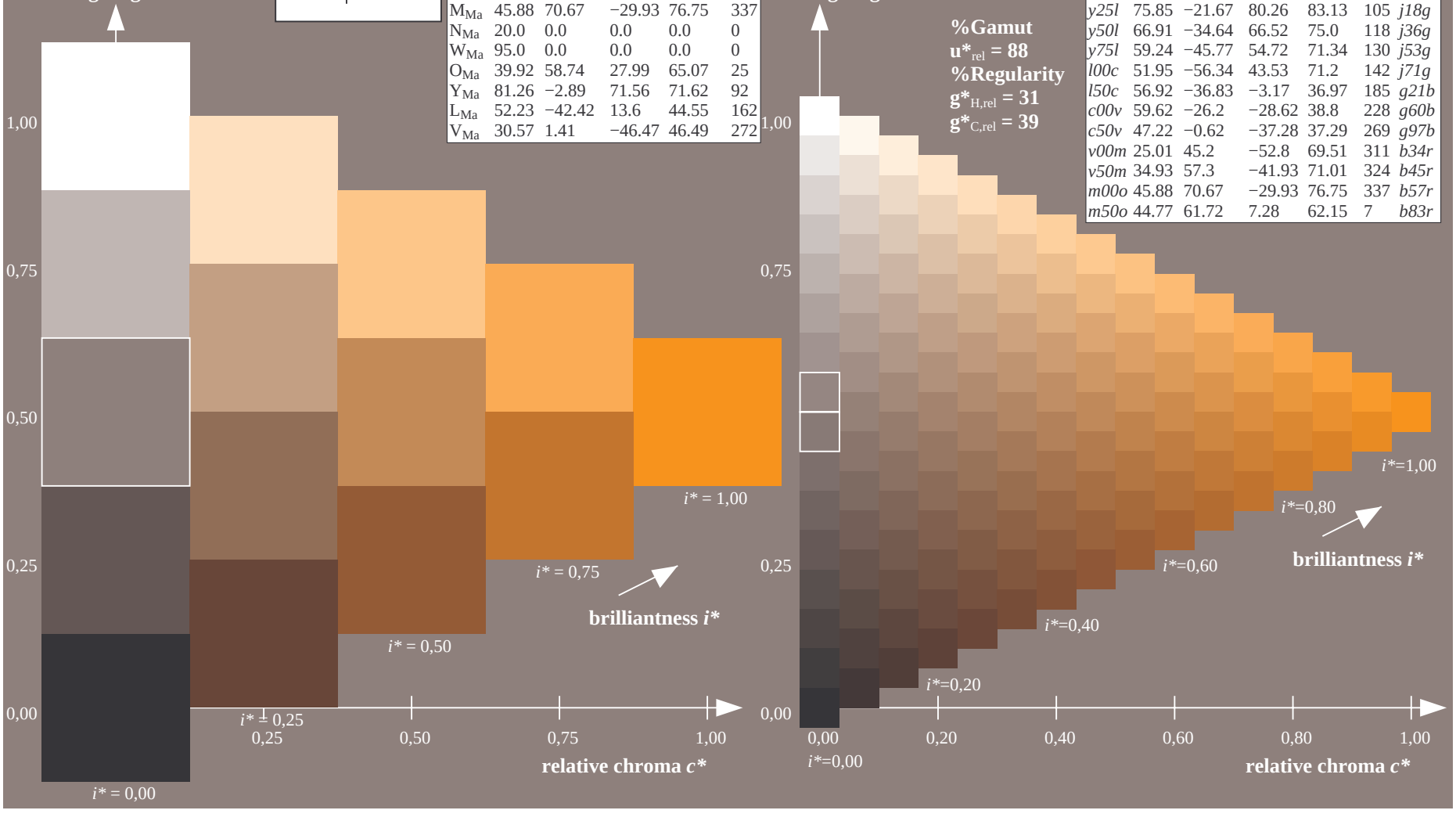
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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*$_{Ma}$: 62 30 63
LAB*LCH*$_{Ma}$: 62 70 64
lab*olv*$_{Ma}$: 1.0 0.5 0.0
lab*rgb*$_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

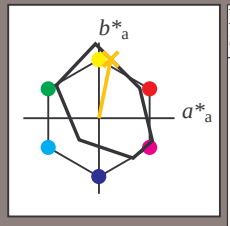


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

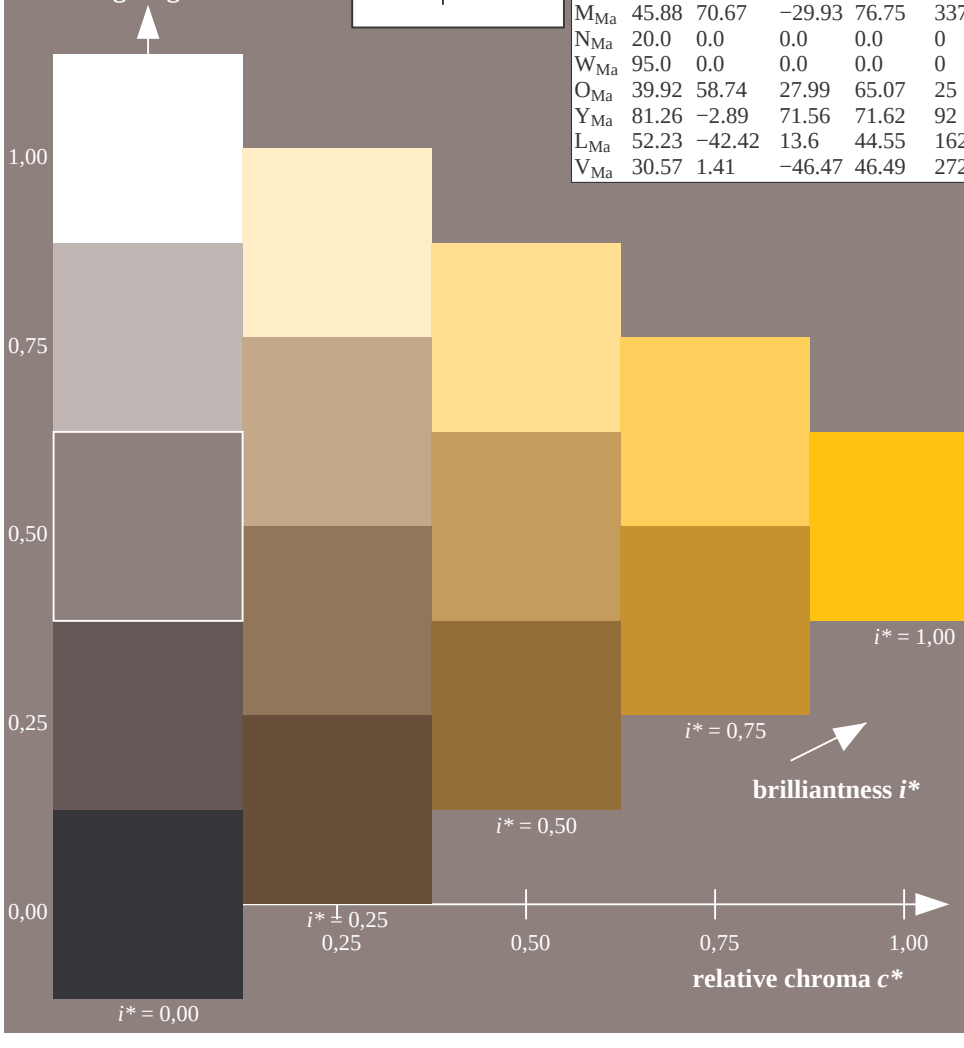
Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$ $u^*_d = o75y$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o75y$ $u^*_e = r79j$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

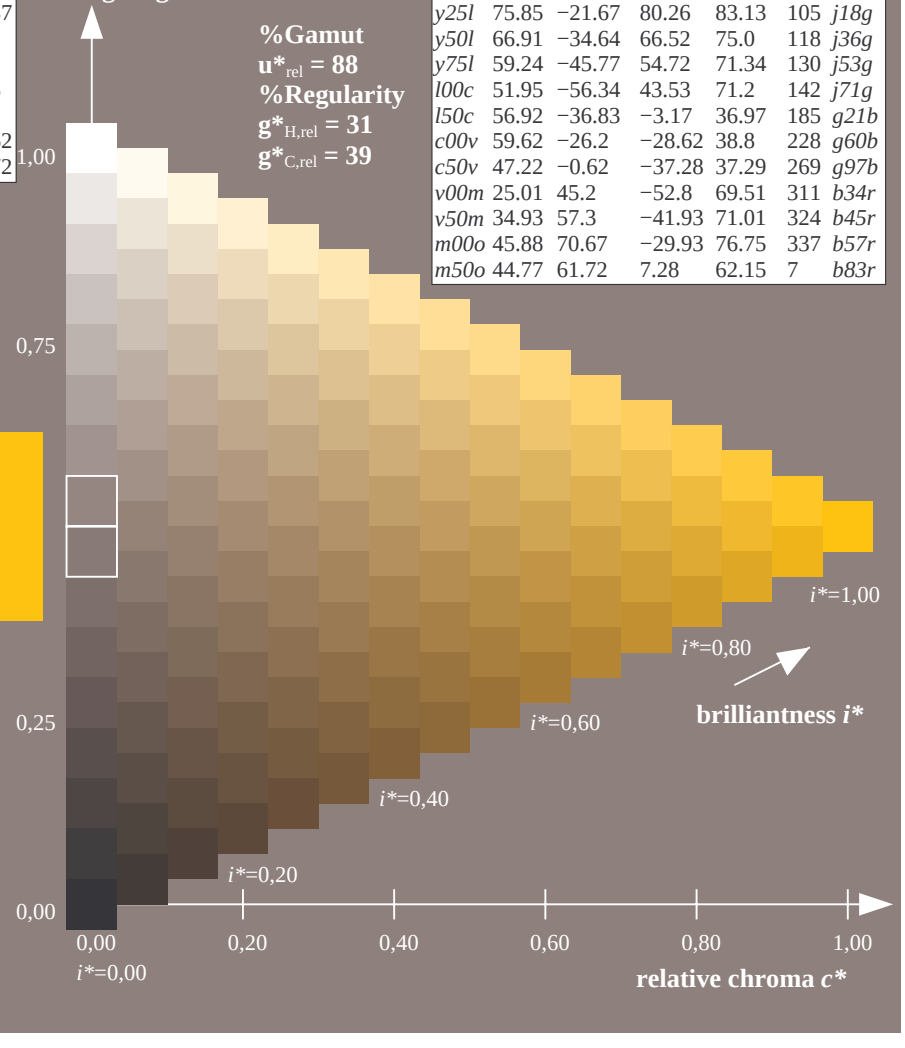


Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 72 16 78**
***LAB*LCH**$_{Ma}$: 72 80 78**
***lab*olv**$_{Ma}$: 1.0 0.75 0.0**
***lab*rgb**$_{Ma}$: 1.0 0.8 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

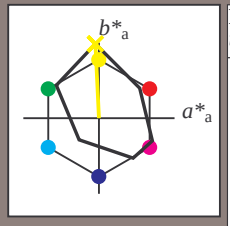


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

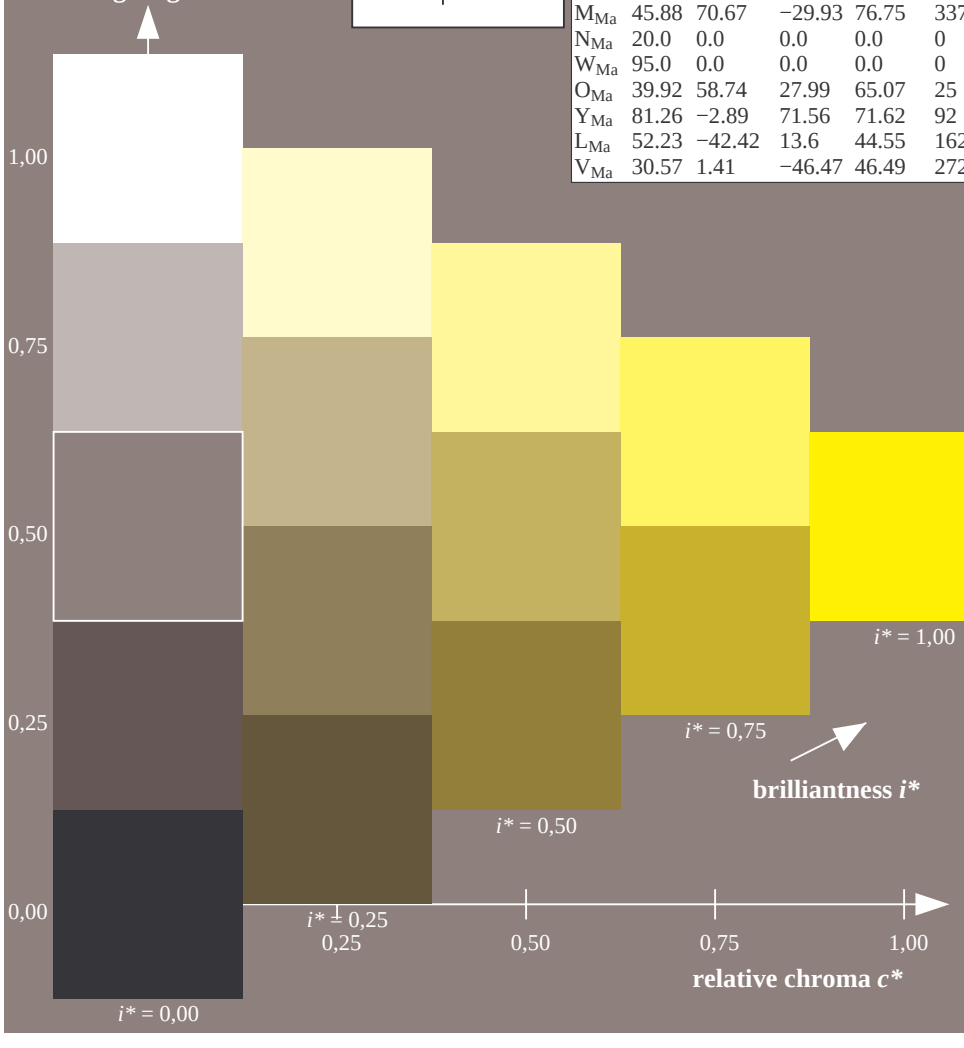
Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$ $u^*_d = y00l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

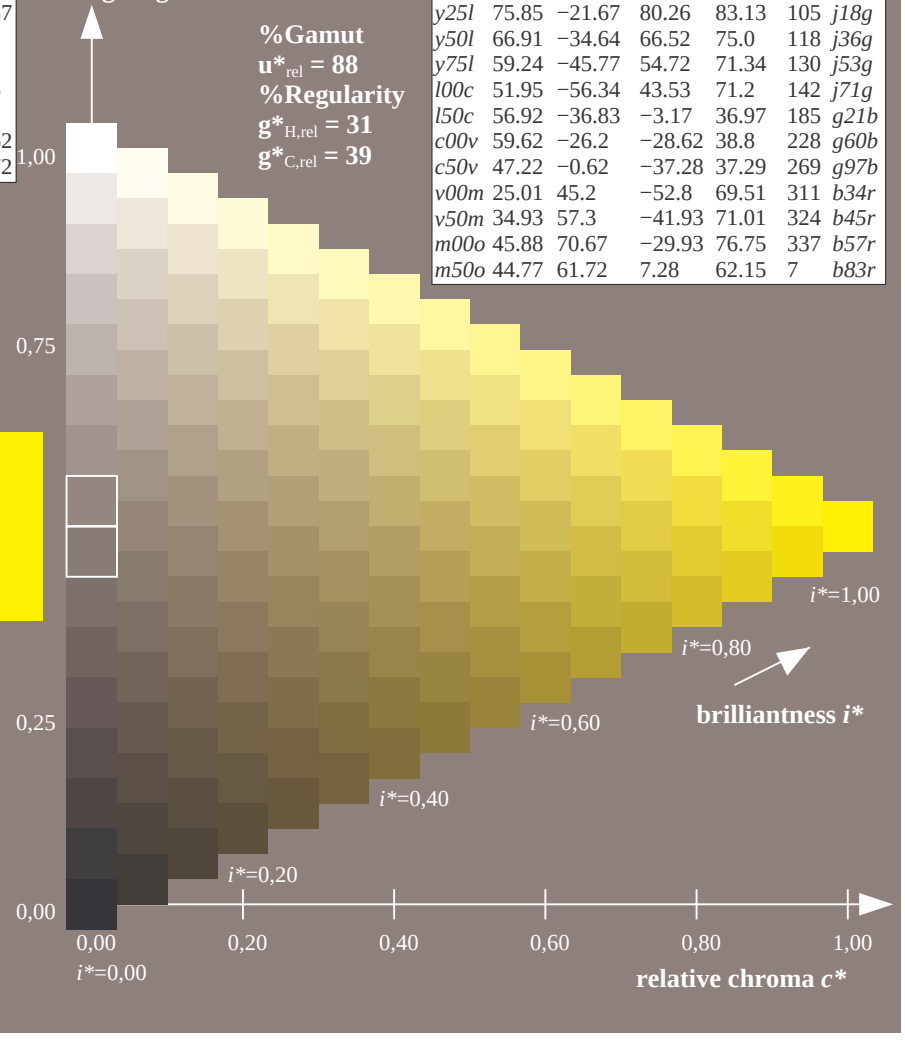


Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 88 −5 98**
***LAB*LCH**$_{Ma}$: 88 98 92**
***lab*olv**$_{Ma}$: 1.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.99 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

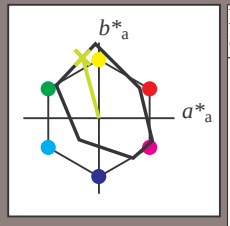


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

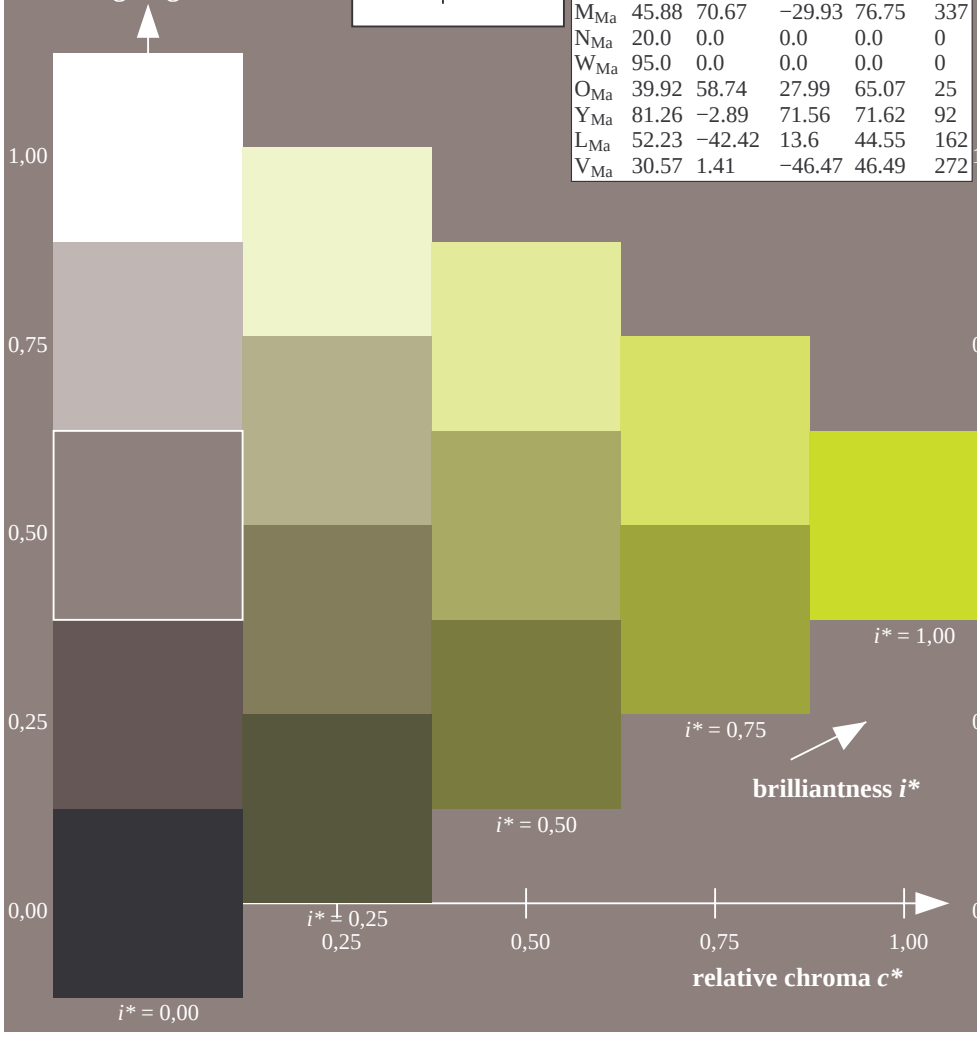
Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$ $u^*_d = y25l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

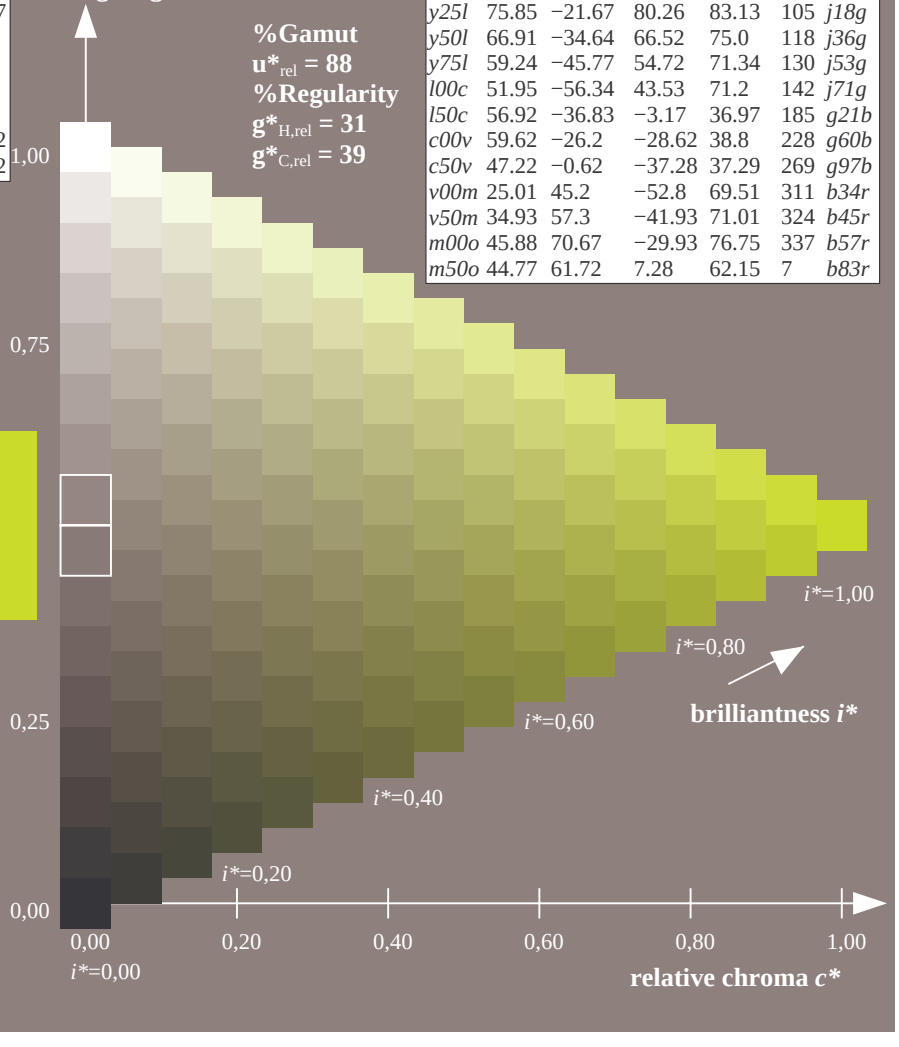


Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 76 −22 80**
***LAB*LCH**$_{Ma}$: 76 83 105**
***lab*olv**$_{Ma}$: 0.75 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.82 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

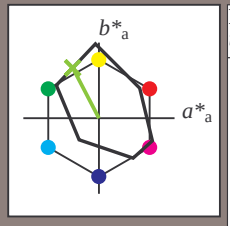


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$ $u^*_d = y50l$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

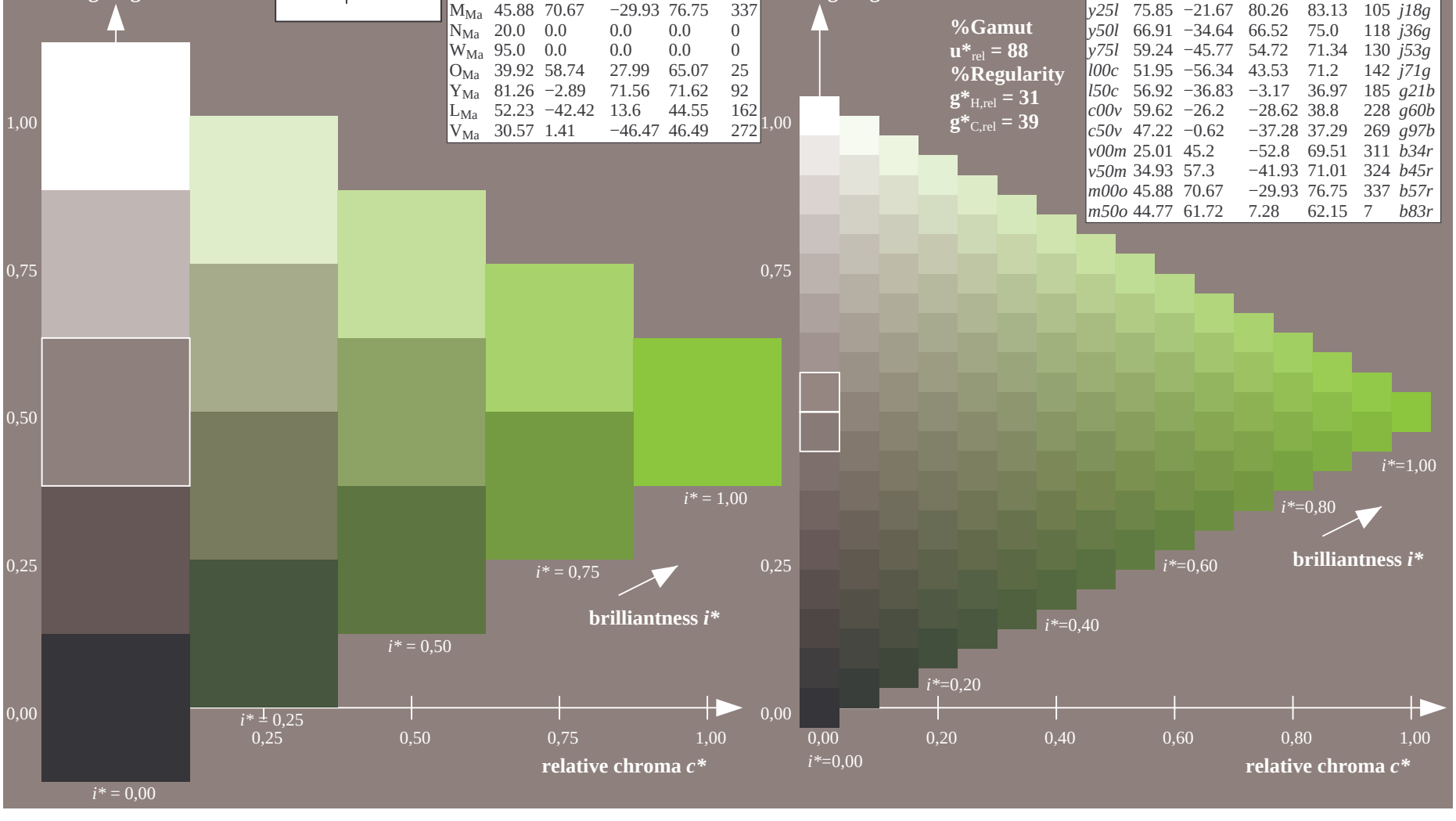
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 −35 67**
***LAB*LCH**$_{Ma}$: 67 75 117**
***lab*olv**$_{Ma}$: 0.5 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.64 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

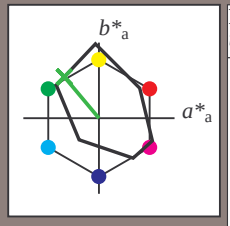


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

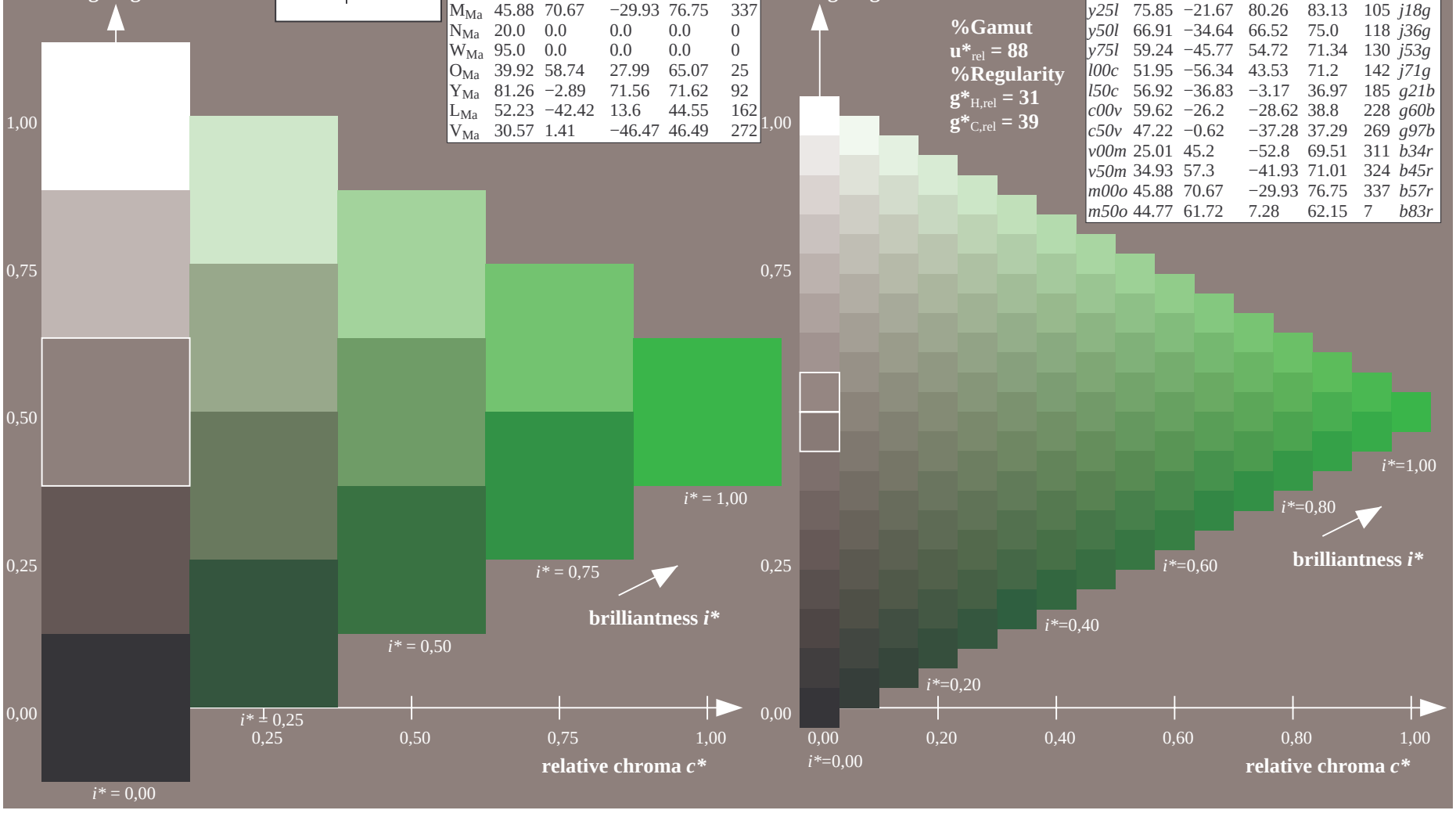
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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*: 59 −46 55**
***LAB*LCH*Ma*: 59 71 129**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.46 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

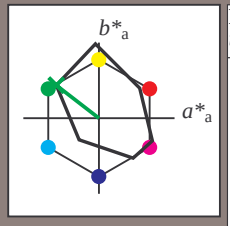


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$ $u^*_d = l00c$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

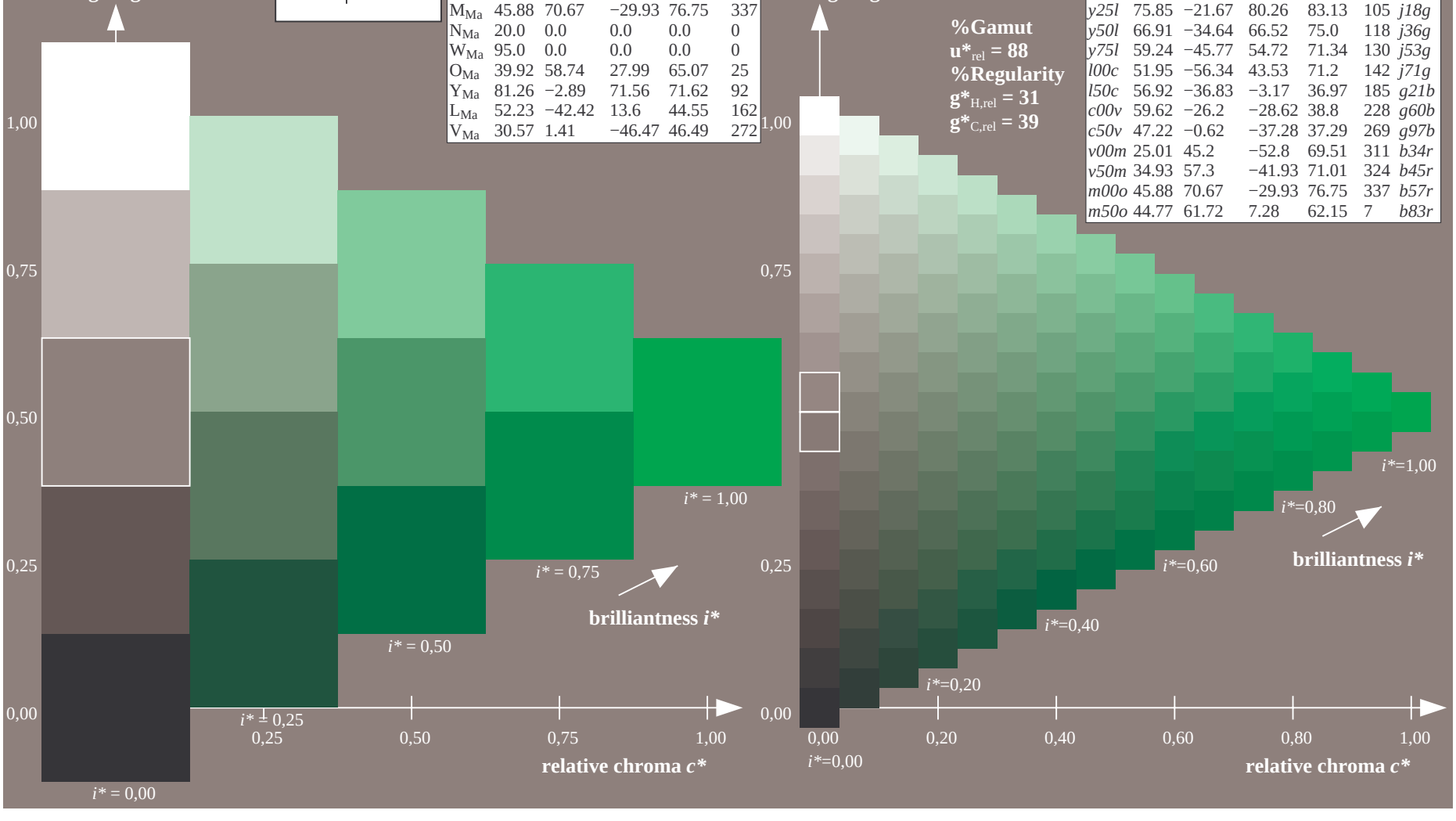
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 −56 44**
***LAB*LCH**$_{Ma}$: 52 71 142**
***lab*olv**$_{Ma}$: 0.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.28 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

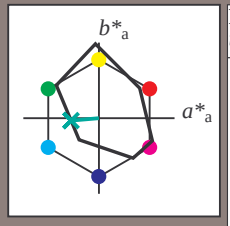


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

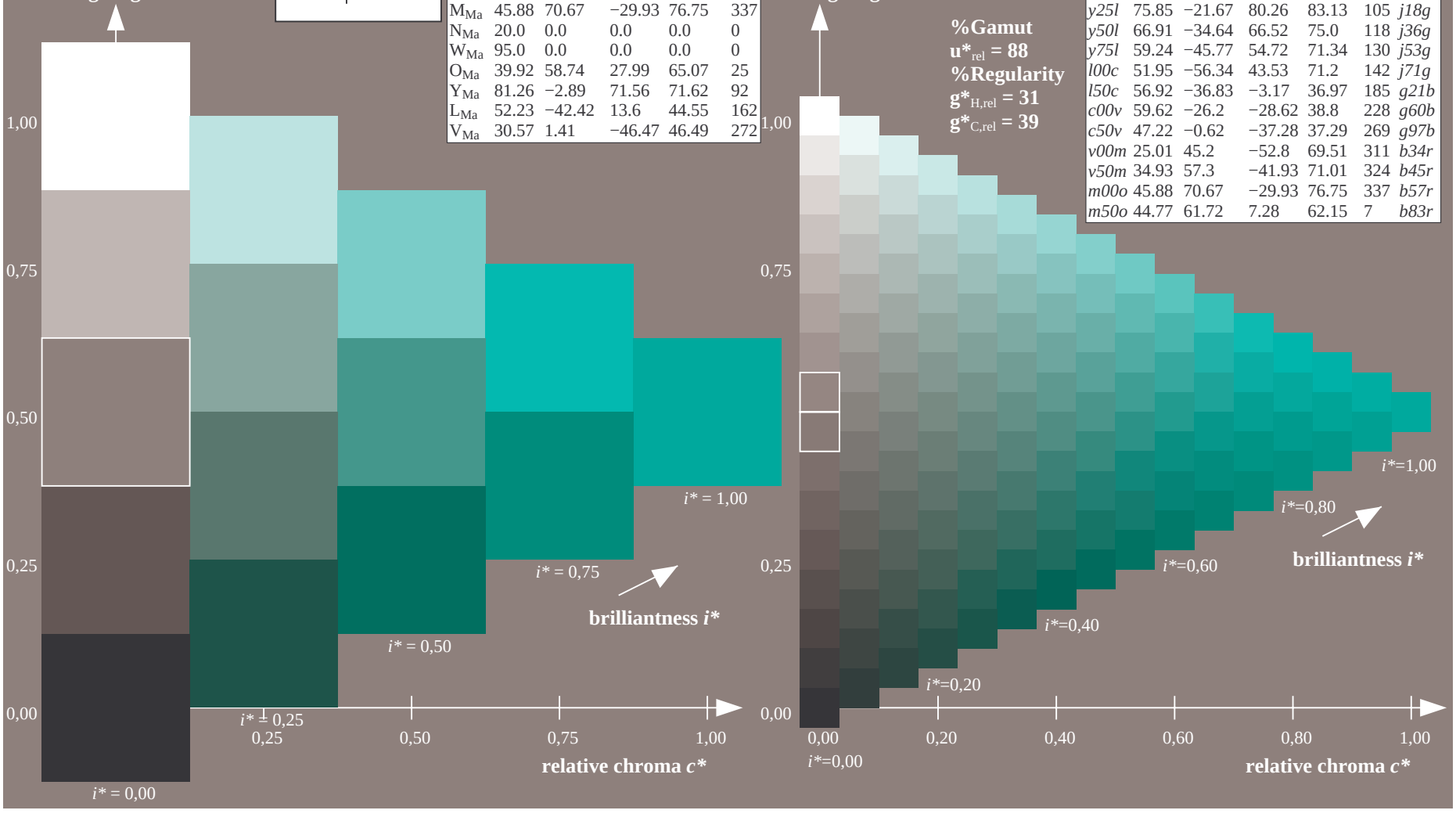
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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**$_{Ma}$: 57 −37 −3**
***LAB*LCH**$_{Ma}$: 57 37 184**
***lab*olv**$_{Ma}$: 0.0 1.0 0.5**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.41**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

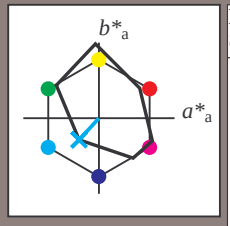


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

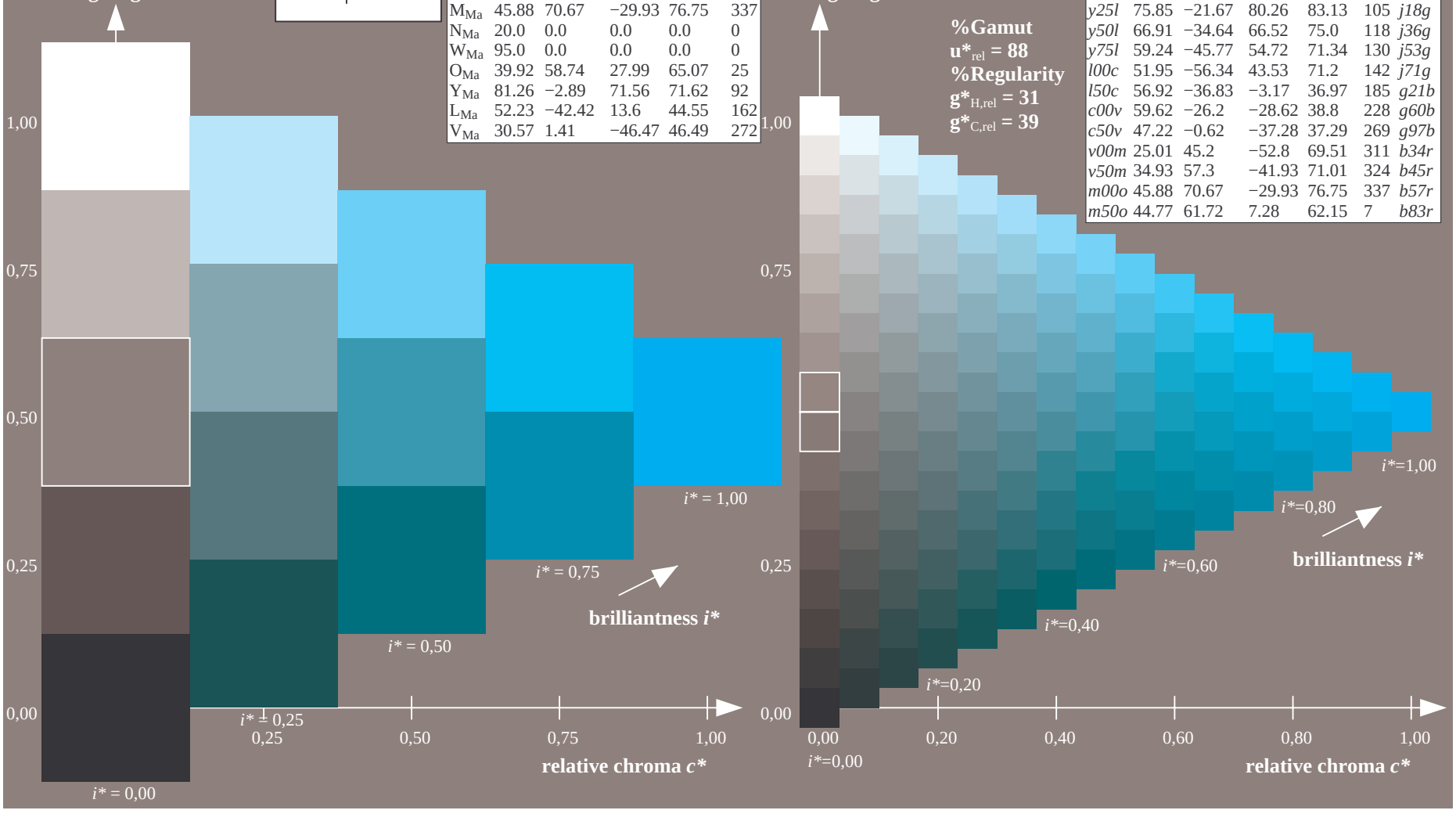
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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**$_{Ma}$: 60 −26 −29**
***LAB*LCH**$_{Ma}$: 60 39 227**
***lab*olv**$_{Ma}$: 0.0 1.0 1.0**
***lab*rgb**$_{Ma}$: 0.0 0.81 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

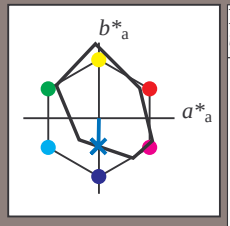


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

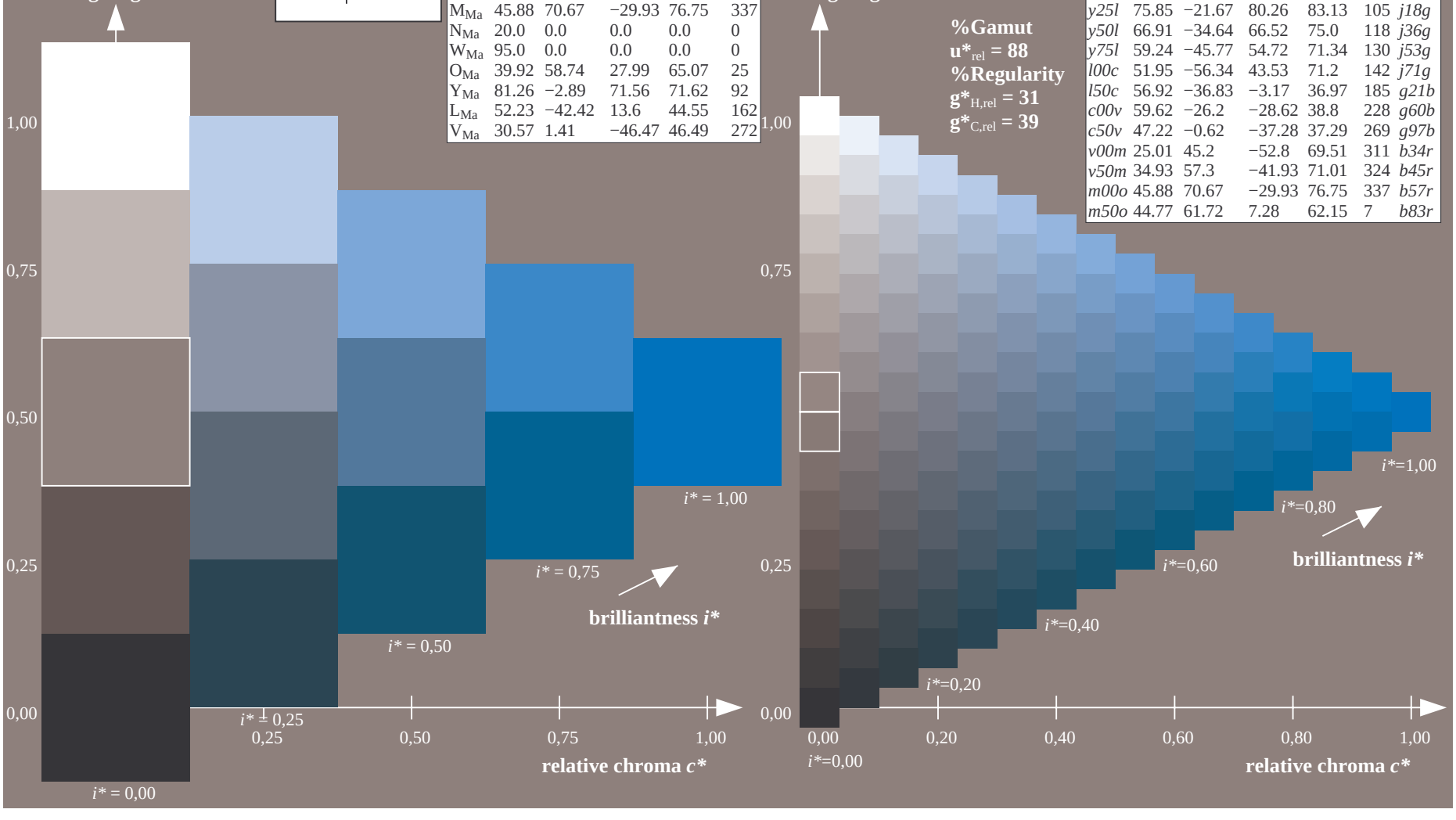
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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**$_{Ma}$: 47 −1 −37**
***LAB*LCH**$_{Ma}$: 47 37 269**
***lab*olv**$_{Ma}$: 0.0 0.5 1.0**
***lab*rgb**$_{Ma}$: 0.0 0.05 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

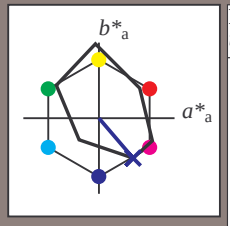


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

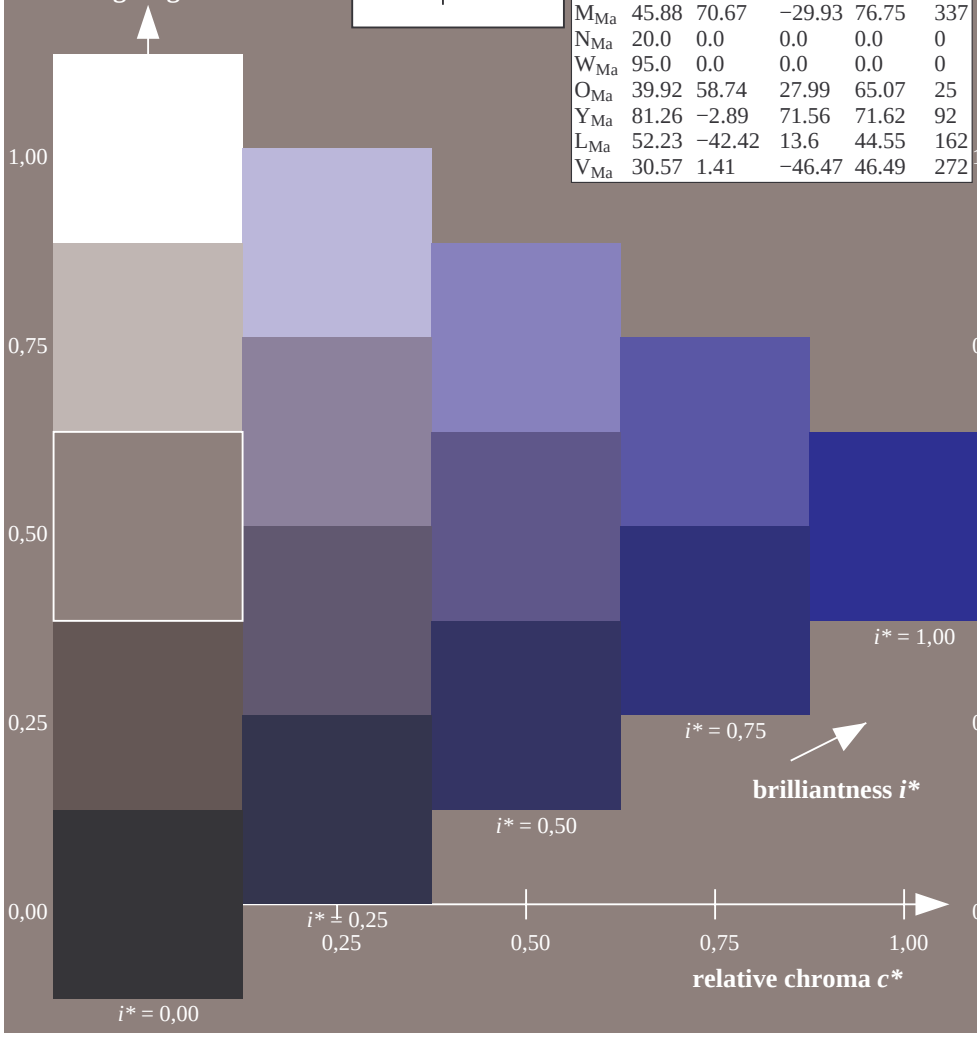
Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$ $u^*_d = v00m$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

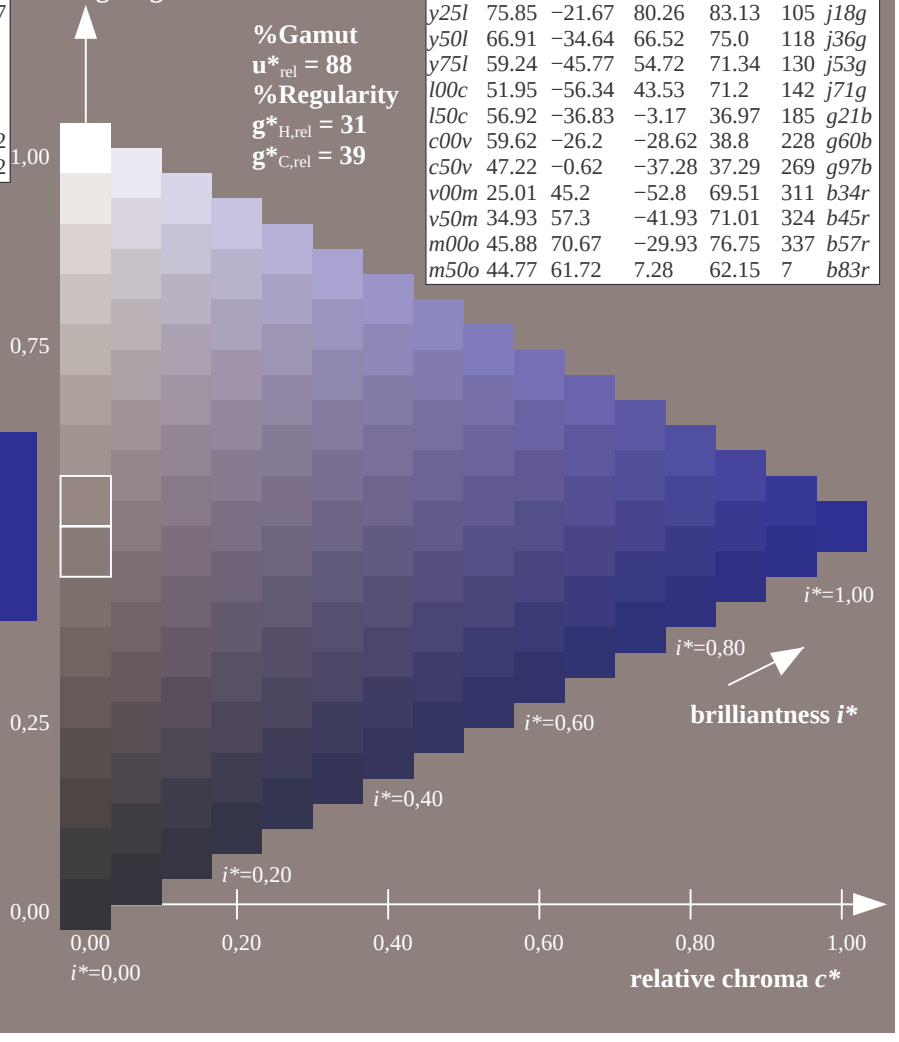


Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 25 45 −53**
***LAB*LCH**$_{Ma}$: 25 70 310**
***lab*olv**$_{Ma}$: 0.0 0.0 1.0**
***lab*rgb**$_{Ma}$: 0.68 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

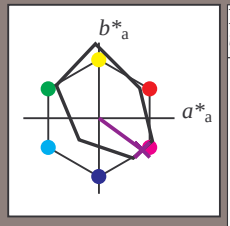


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

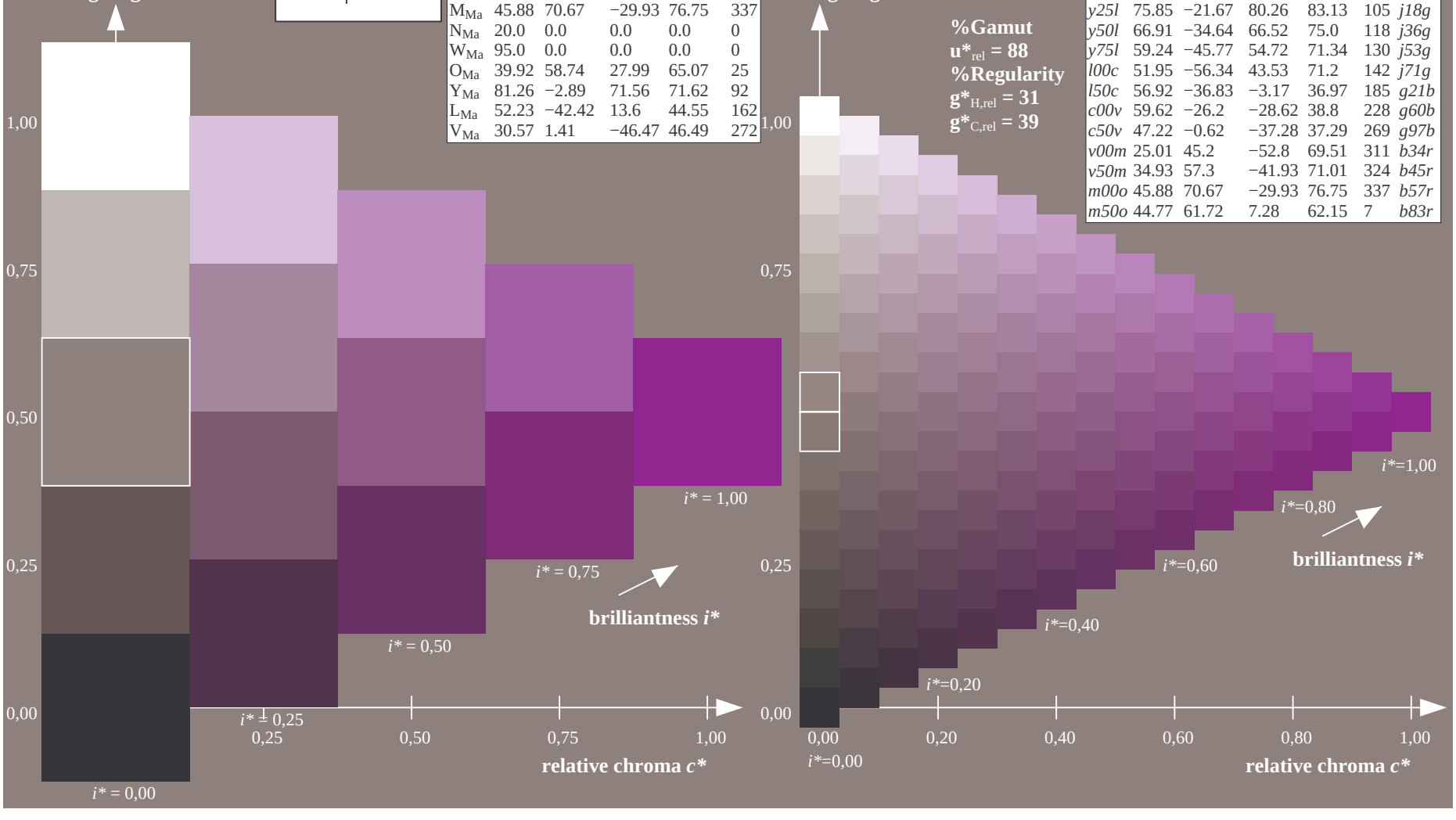
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 57 −42**
***LAB*LCH*Ma*: 35 71 323**
***lab*olv*Ma*: 0.5 0.0 1.0**
***lab*rgb*Ma*: 0.92 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

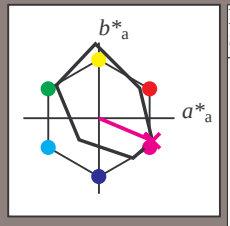


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

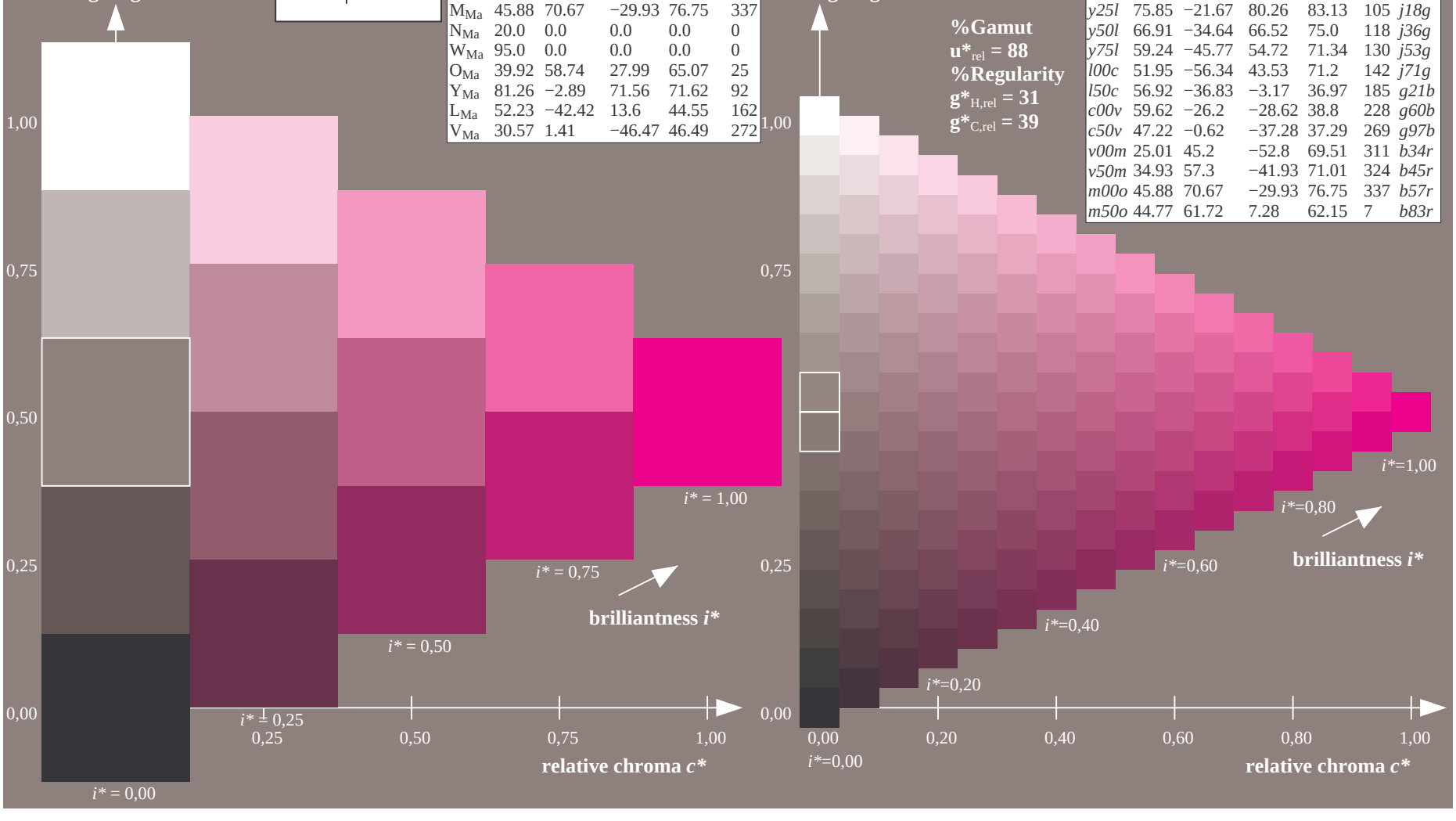
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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*: 46 71 −30**
***LAB*LCH*Ma*: 46 77 337**
***lab*olv*Ma*: 1.0 0.0 1.0**
***lab*rgb*Ma*: 1.0 0.0 0.85**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

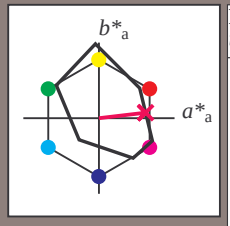


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$ $u^*_d = m50o$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

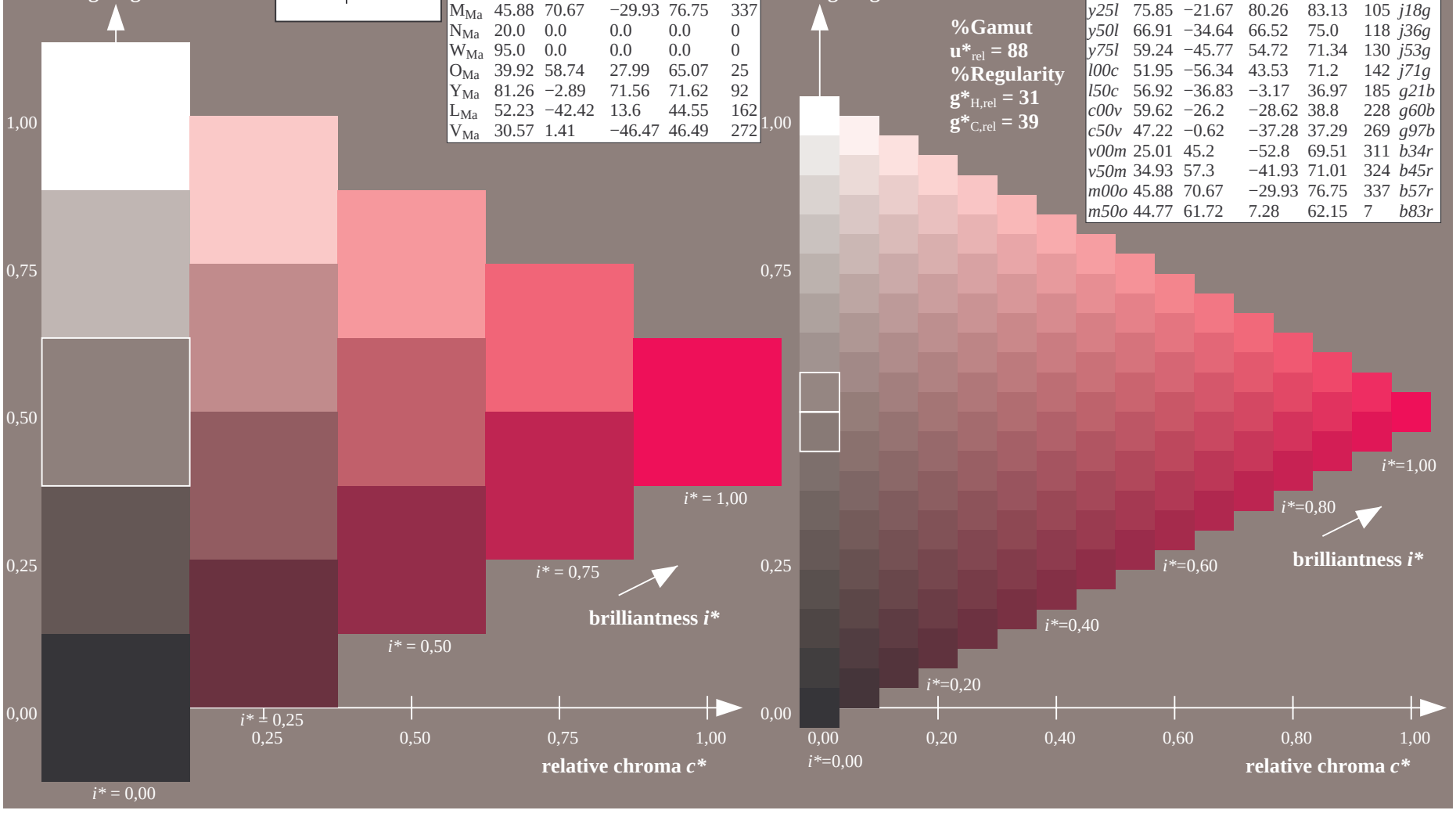
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 62 7**
***LAB*LCH*Ma*: 45 62 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} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

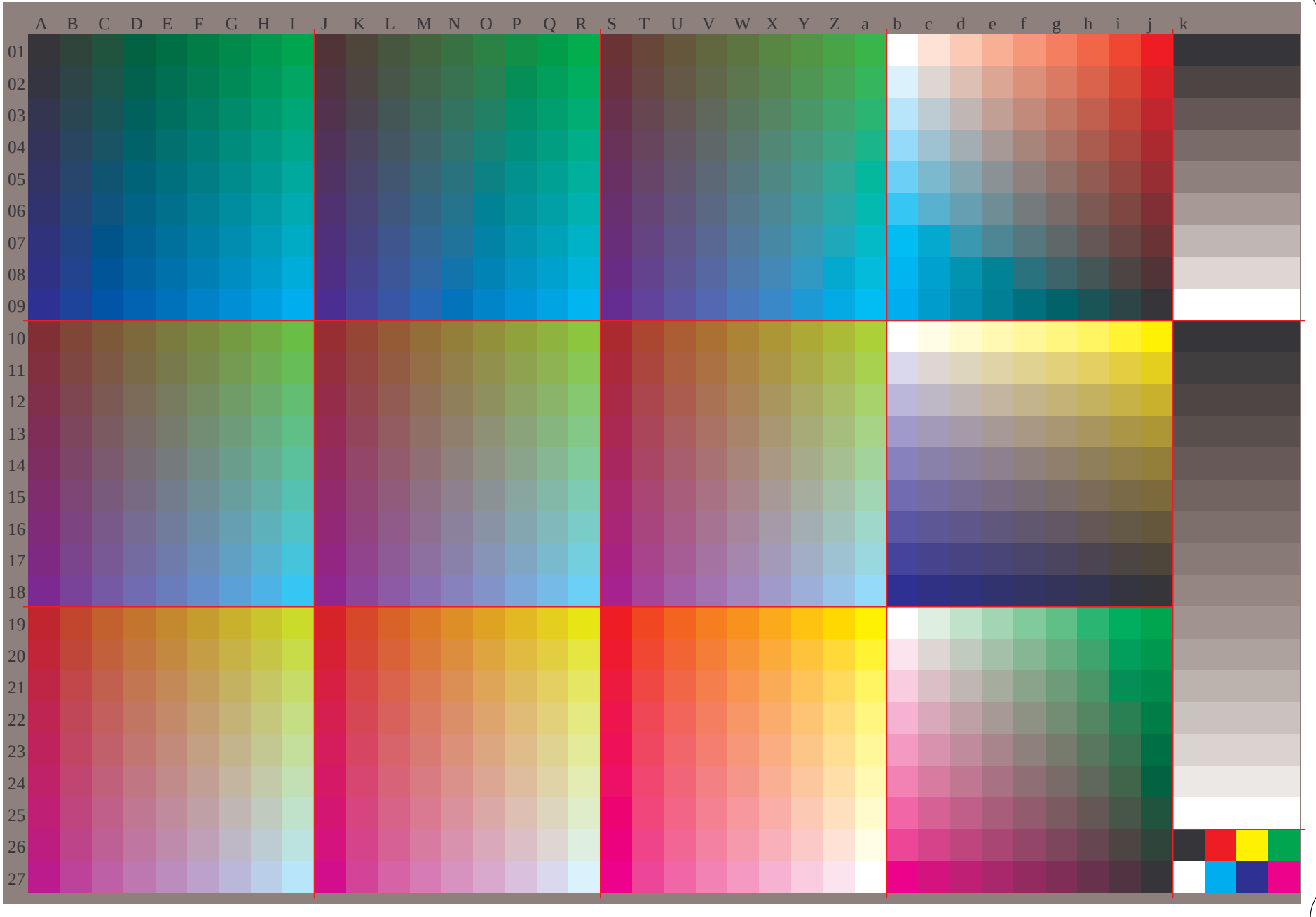
FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems



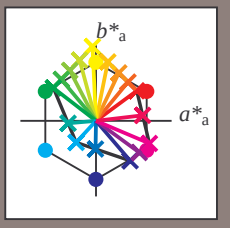
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System FRS12_95a
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 = 0.9

FRS12_95a; adapted (a) CIELAB data

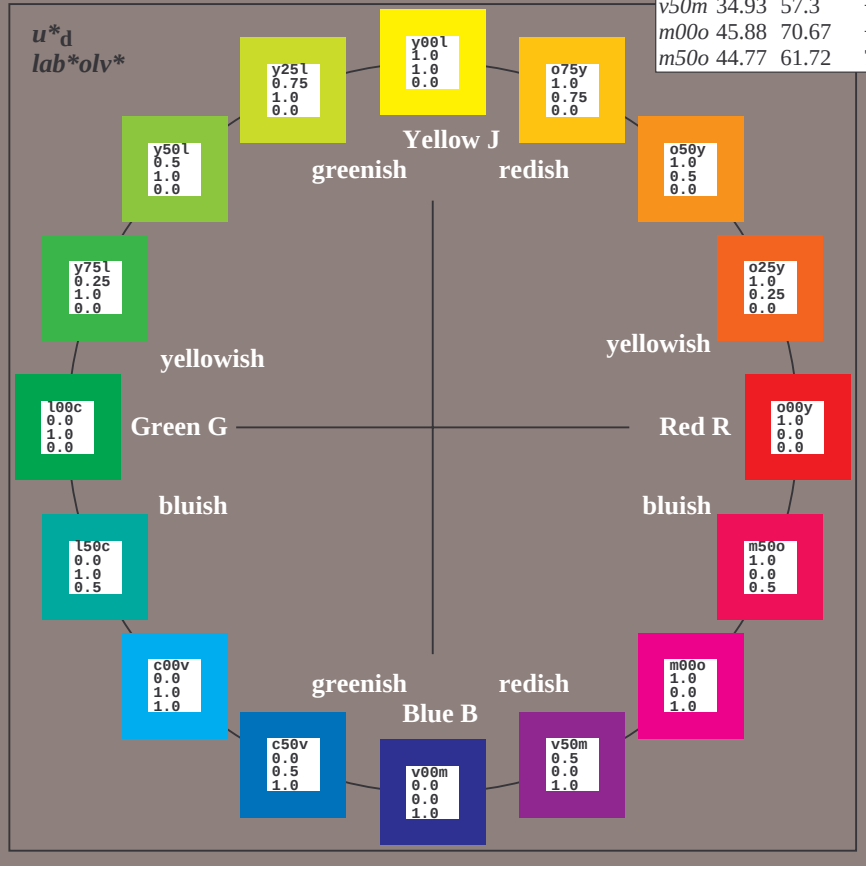
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

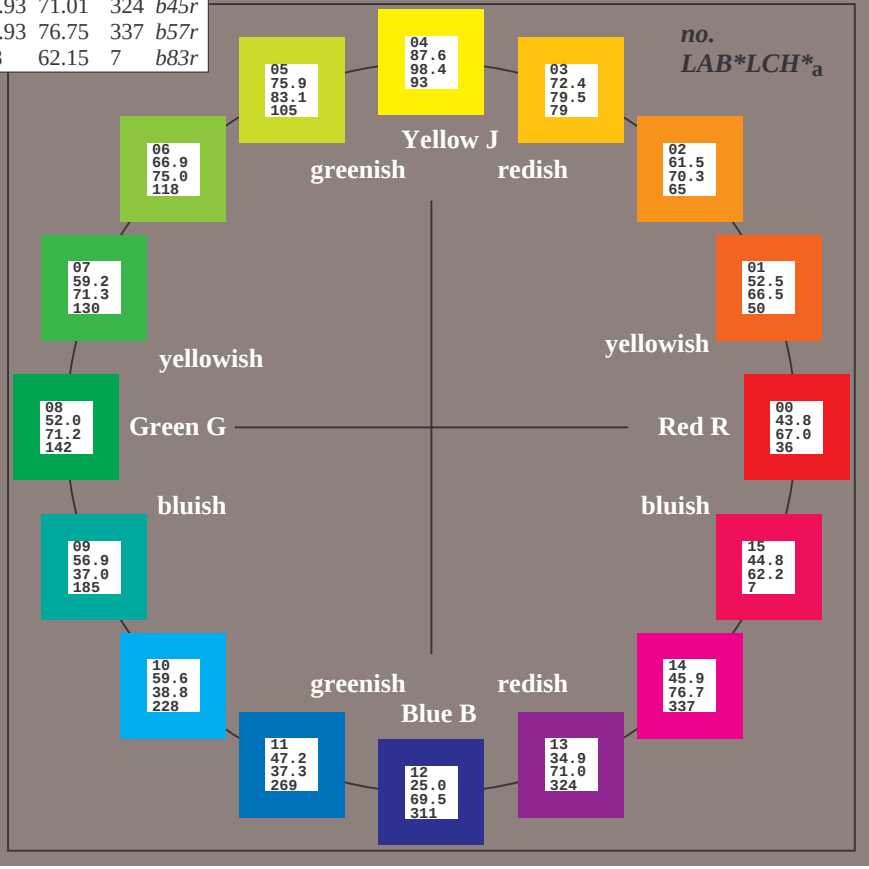


%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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



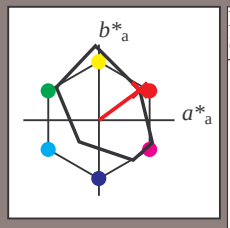


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r16j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

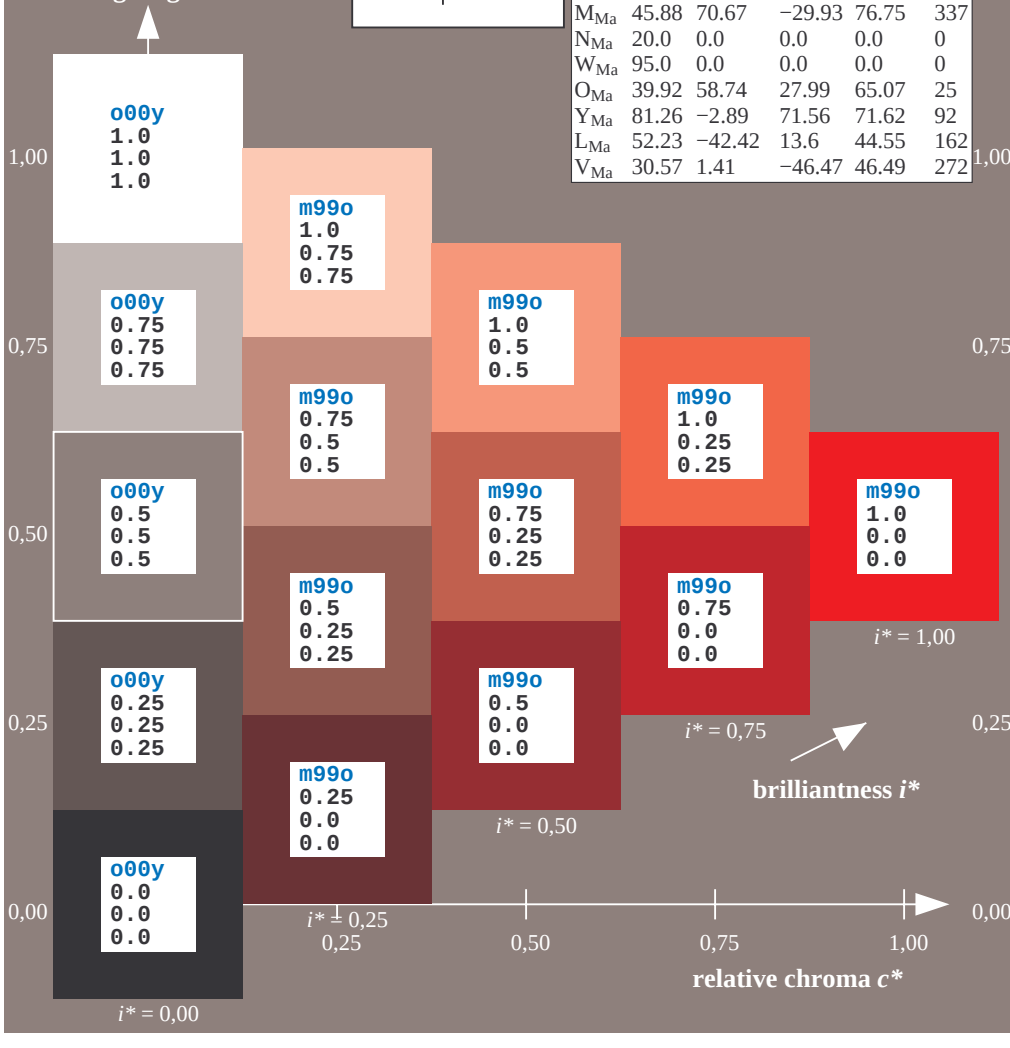
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 44 54 40
*LAB*LCH**$_{Ma}$: 44 67 36
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.16 0.0
triangle lightness *t**

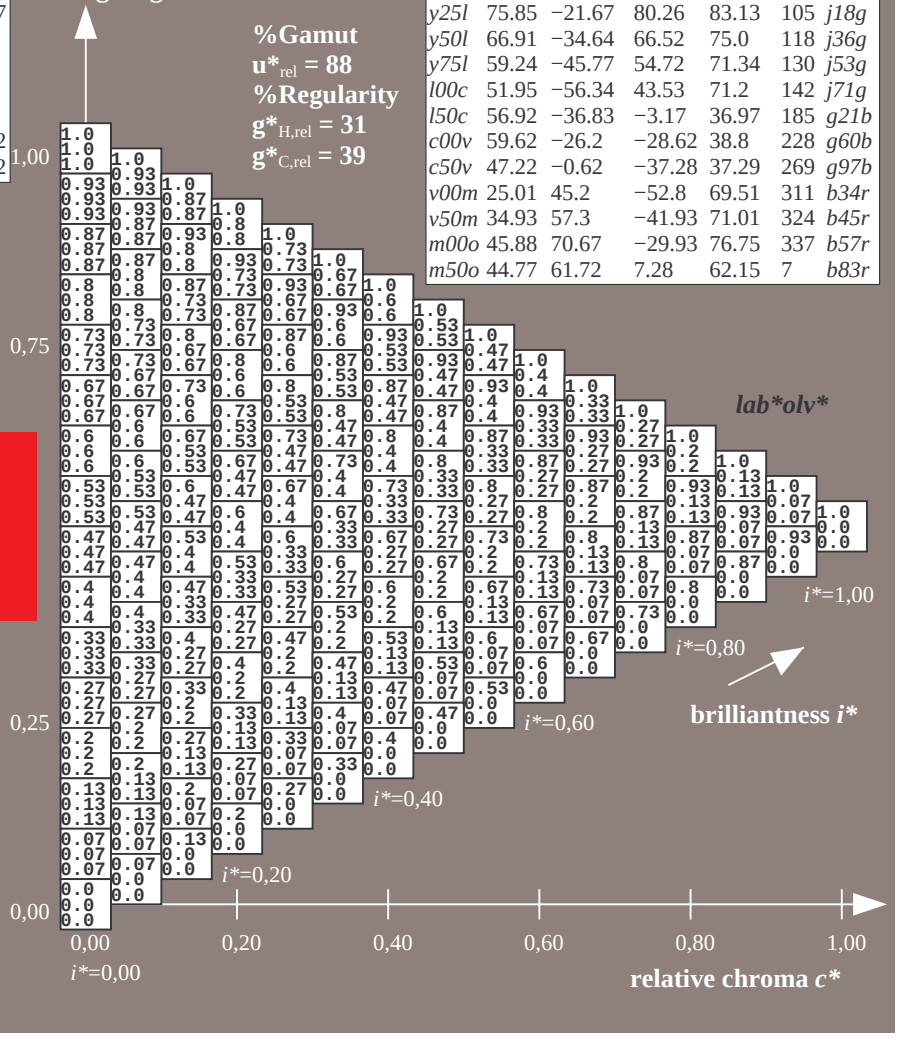
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o00y*
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



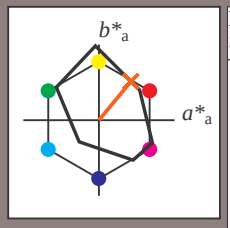


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r37j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

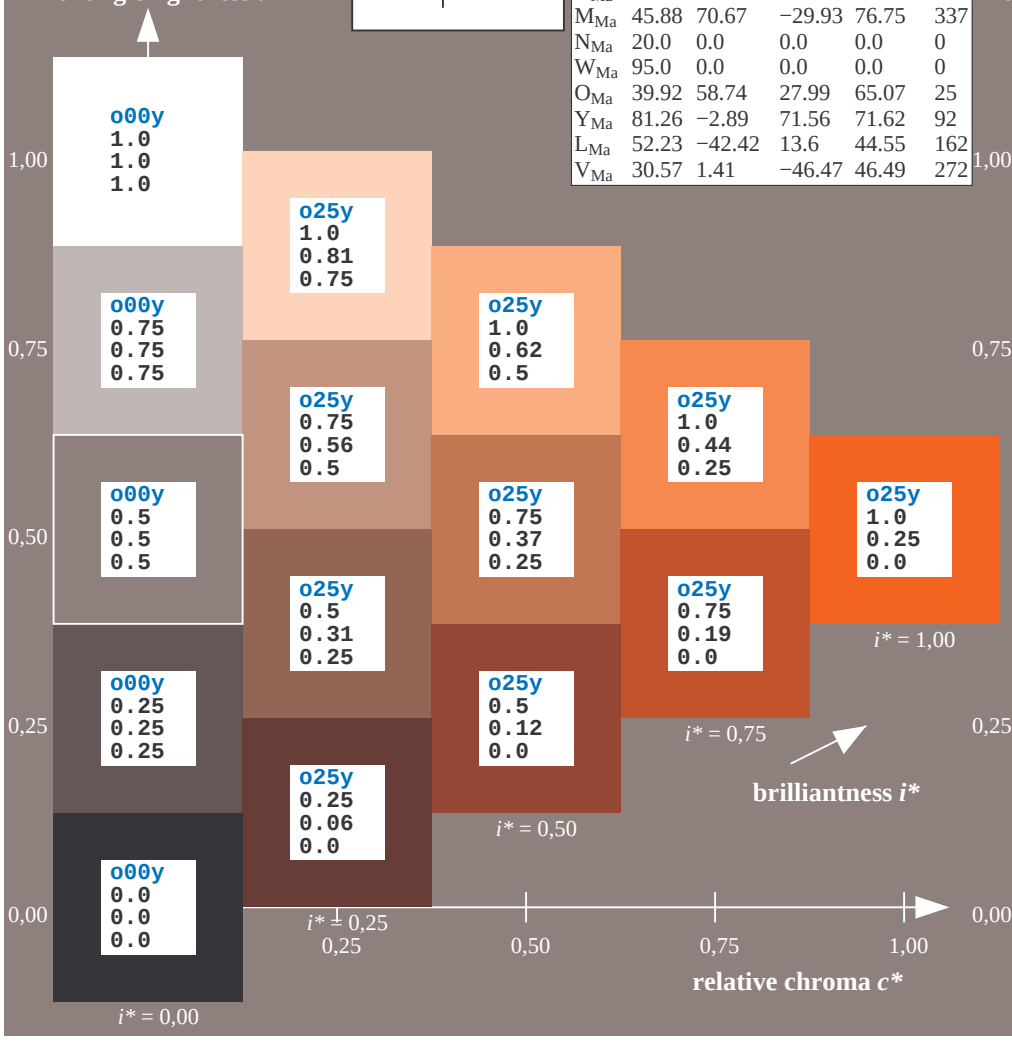
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 42 51
*LAB*LCH**$_{Ma}$: 52 67 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

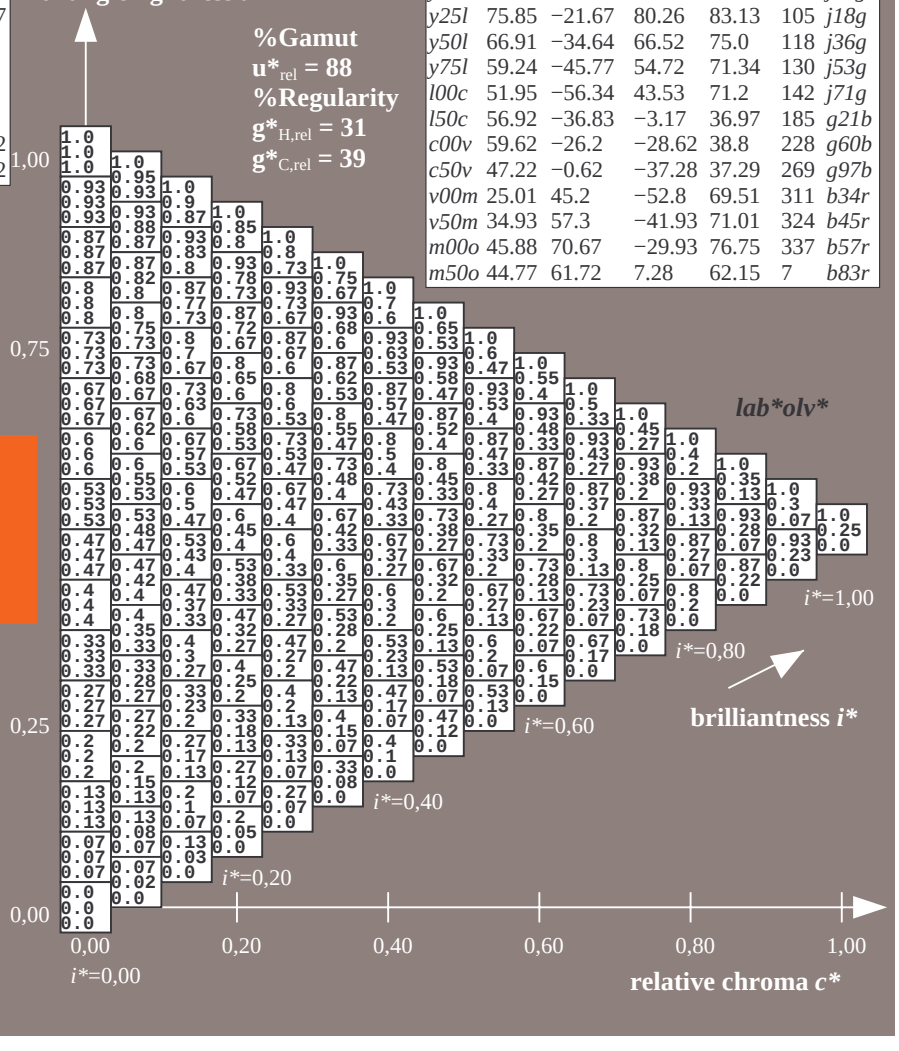
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o25y*
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



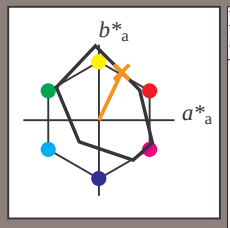


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r58j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

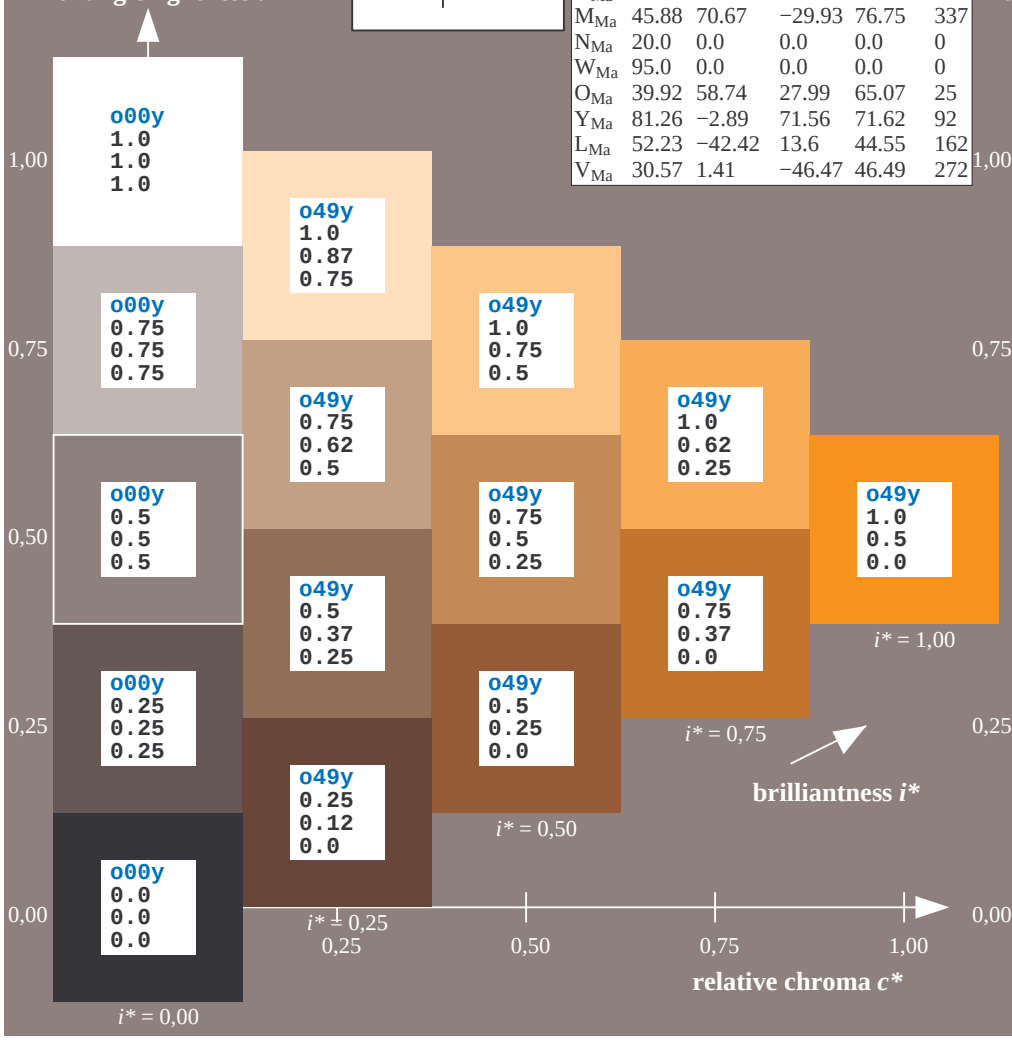
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 62 30 63**
***LAB*LCH*Ma*: 62 70 64**
***lab*olv*Ma*: 1.0 0.5 0.0**
***lab*rgb*Ma*: 1.0 0.58 0.0**
triangle lightness *t**

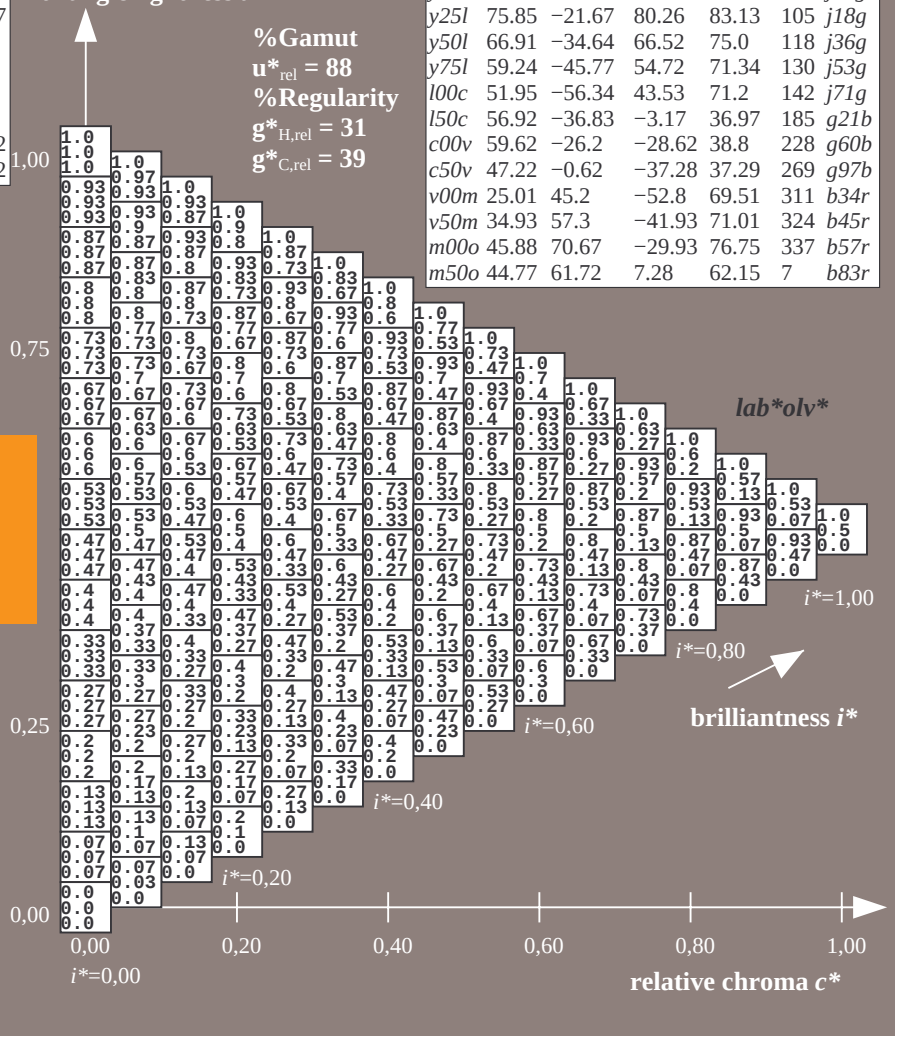
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

u^*_d = *o50y*
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



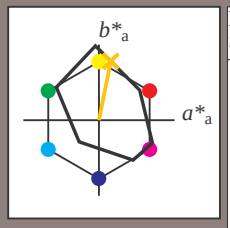


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r79j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

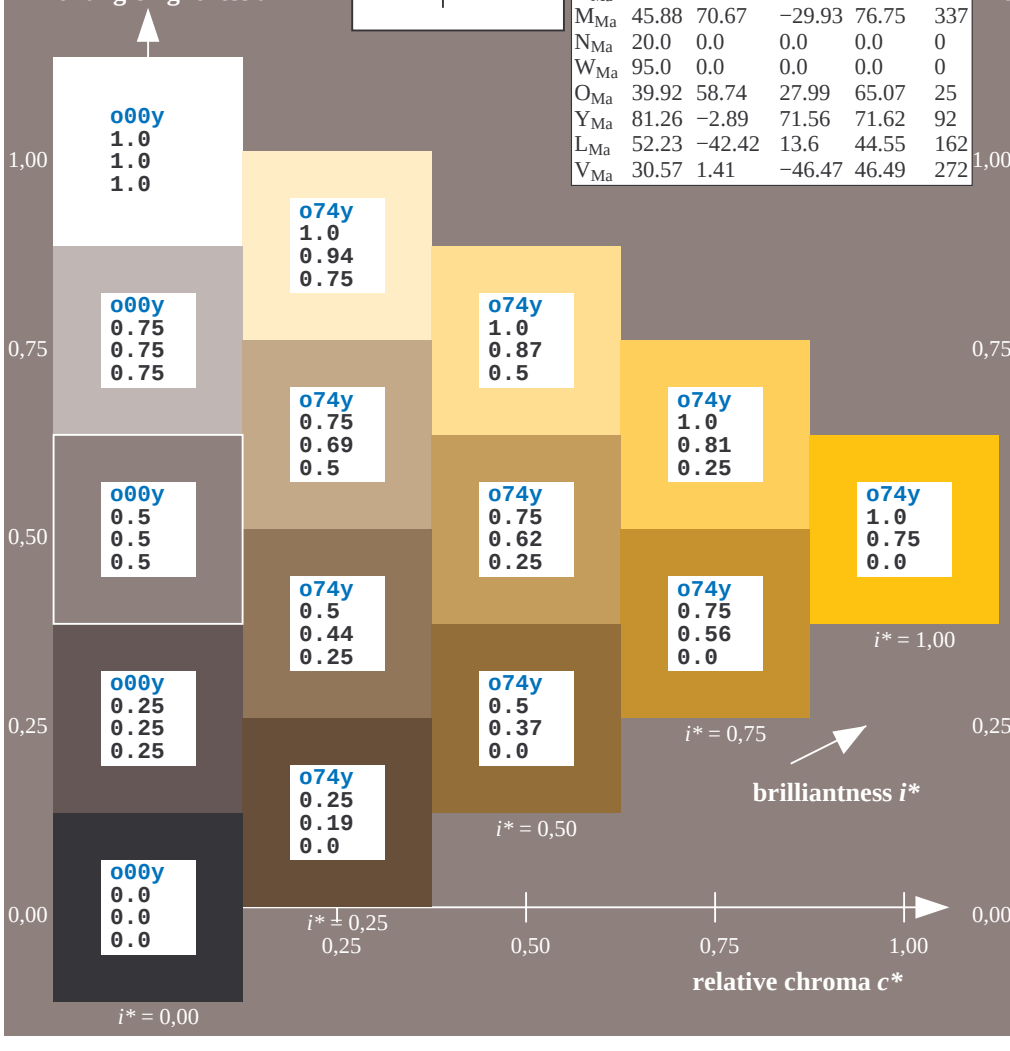
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 72 16 78
*LAB*LCH**$_{Ma}$: 72 80 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.8 0.0
triangle lightness *t**

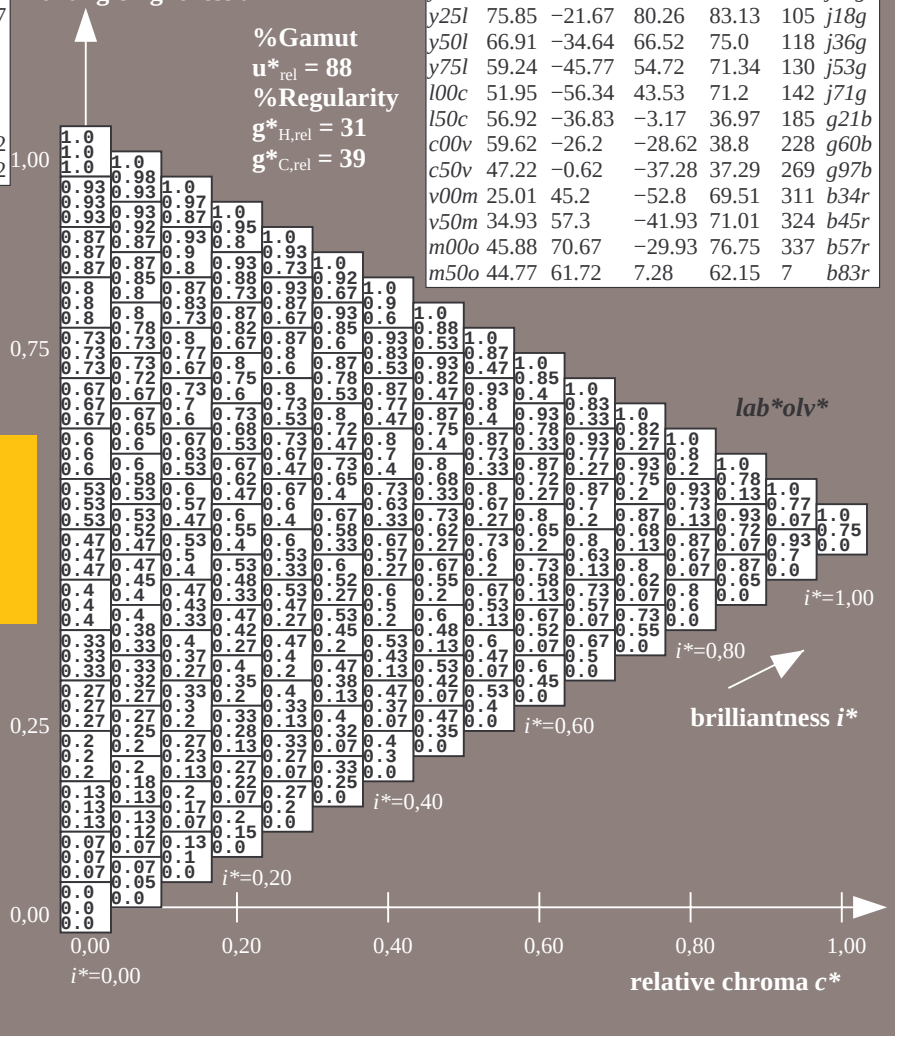
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o75y*
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



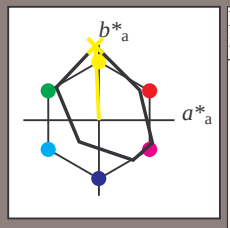


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j01g*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

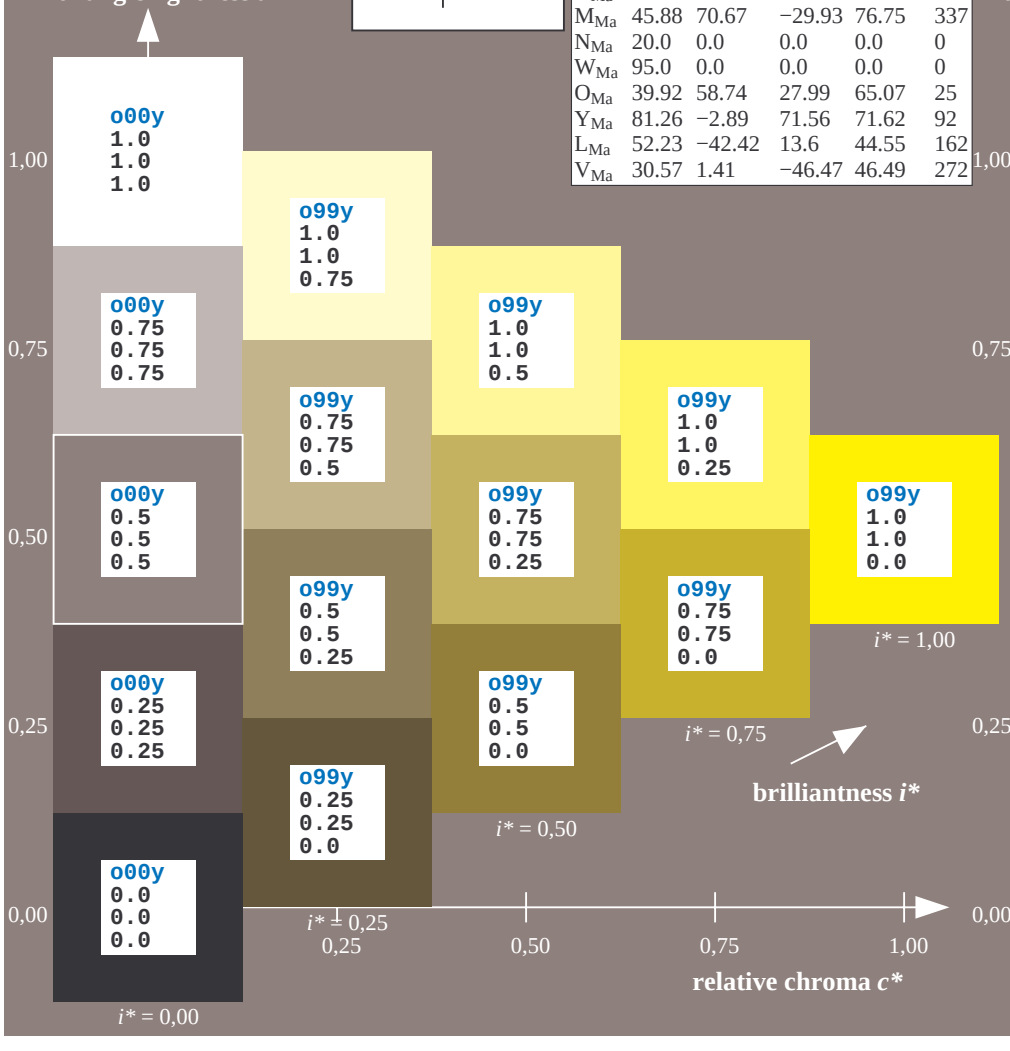
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 88 −5 98**
***LAB*LCH**$_{Ma}$: 88 98 92**
***lab*olv**$_{Ma}$: 1.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.99 1.0 0.0**
triangle lightness *t**

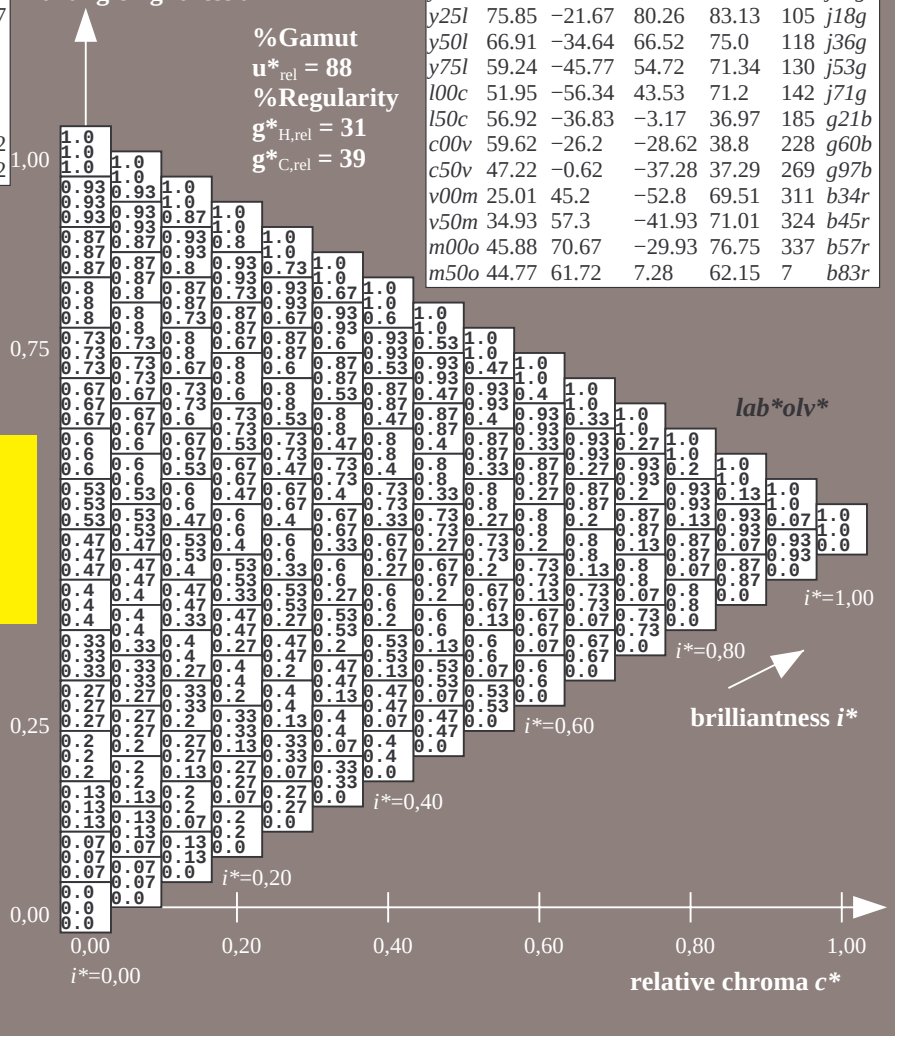
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *y00l*
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



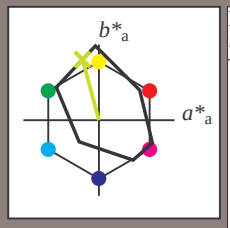


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

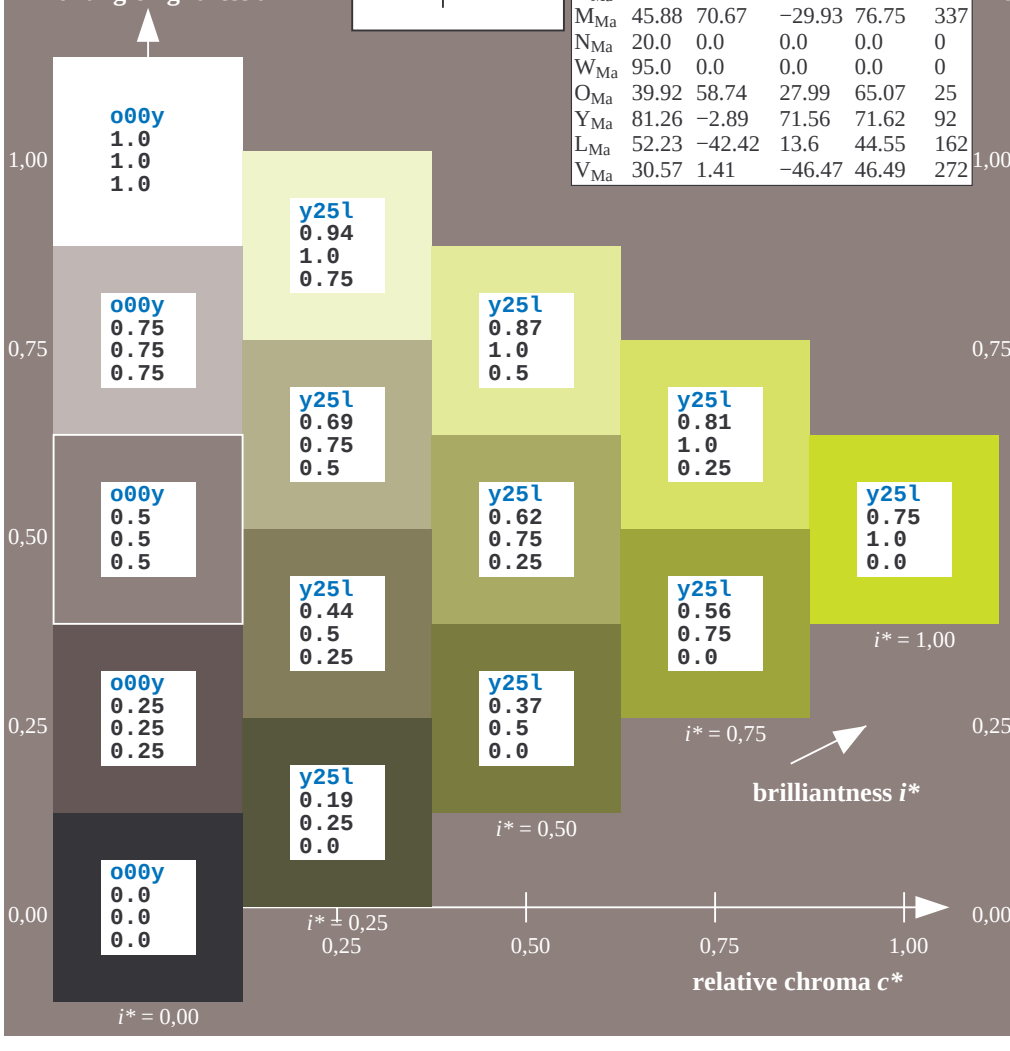
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 76 −22 80**
***LAB*LCH**$_{Ma}$: 76 83 105**
***lab*olv**$_{Ma}$: 0.75 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.82 1.0 0.0**
triangle lightness *t**

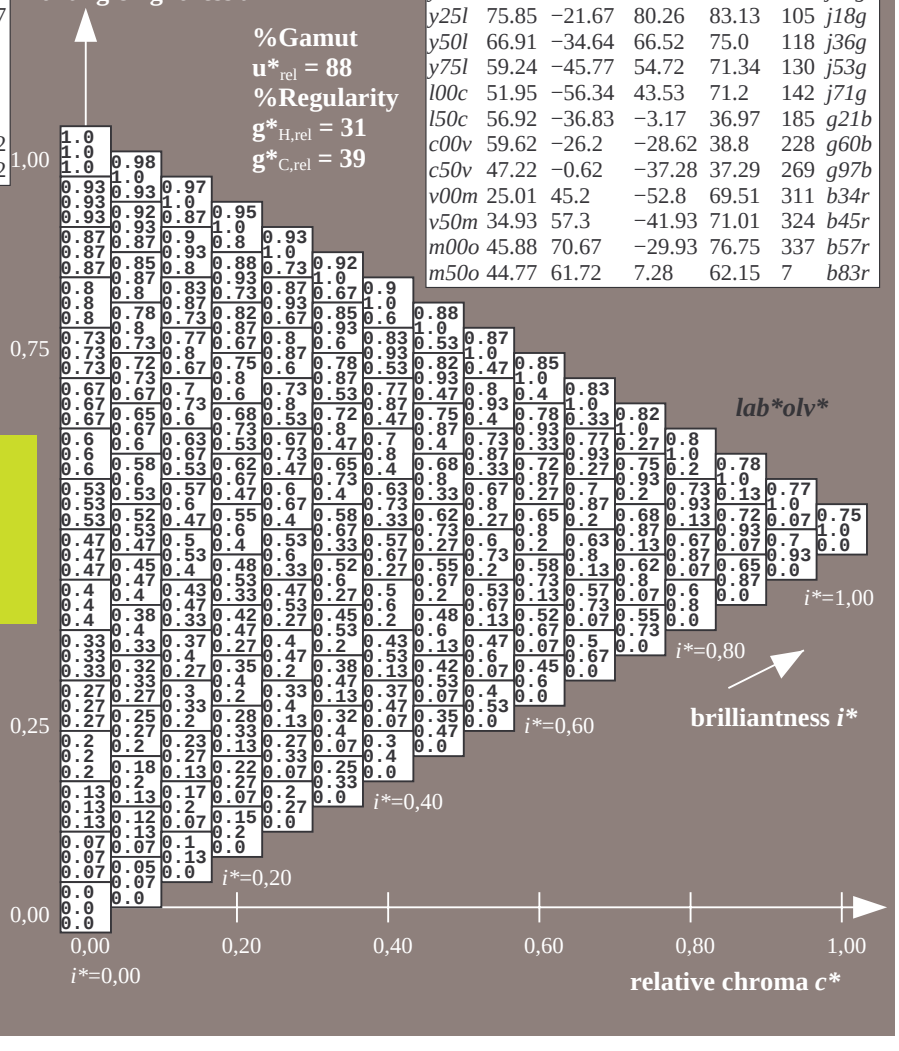
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y25l$
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



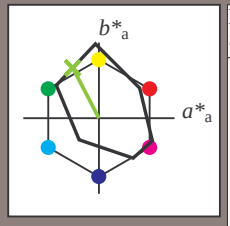


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

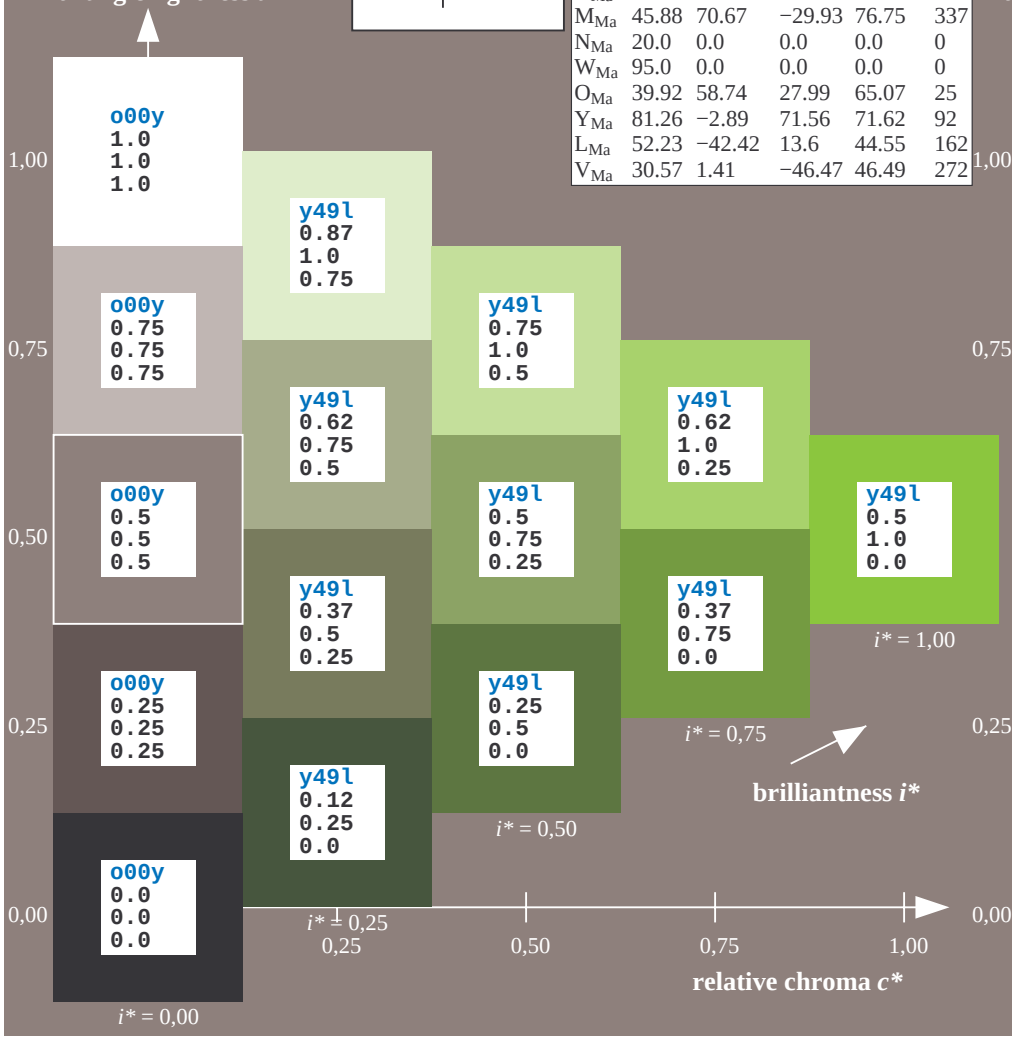
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 67 −35 67**
***LAB*LCH**$_{Ma}$: 67 75 117**
***lab*olv**$_{Ma}$: 0.5 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.64 1.0 0.0**
triangle lightness *t**

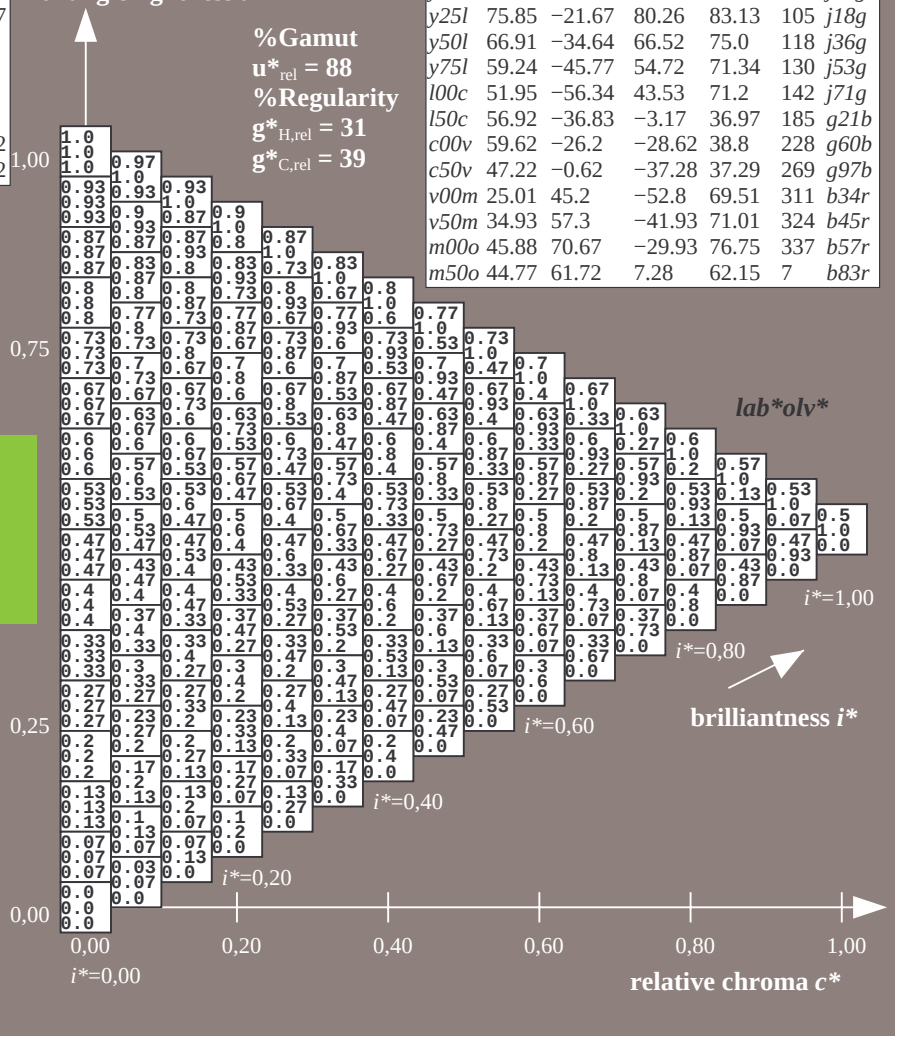
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y50l$
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



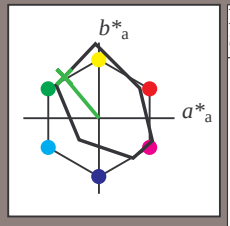


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

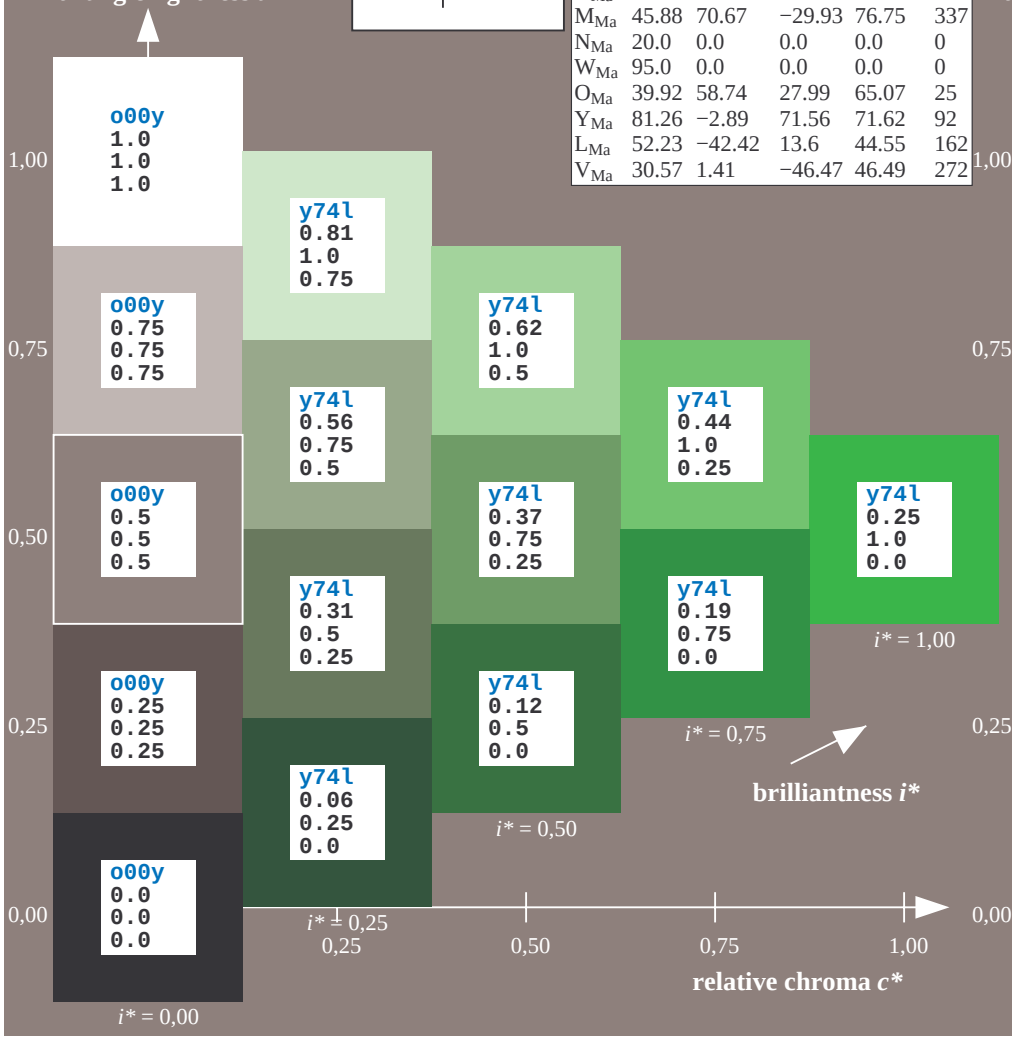
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 59 −46 55**
***LAB*LCH**$_{Ma}$: 59 71 129**
***lab*olv**$_{Ma}$: 0.25 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.46 1.0 0.0**
triangle lightness *t**

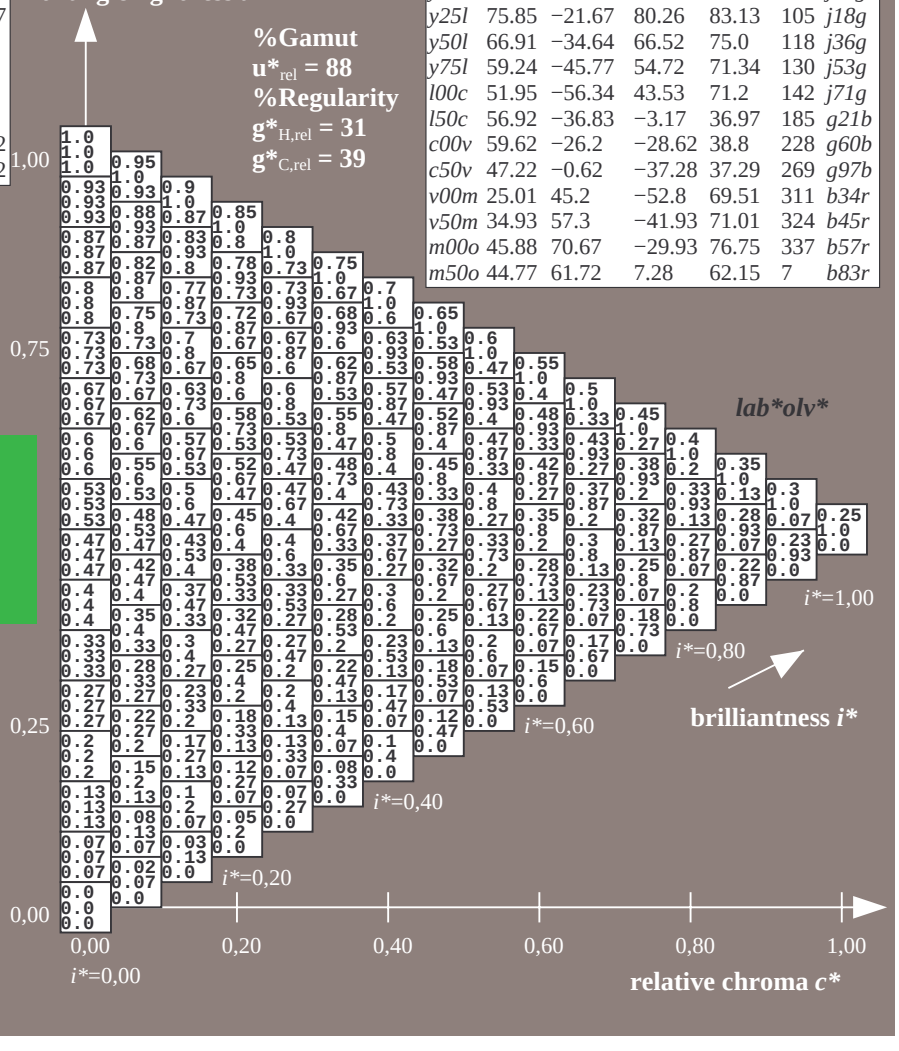
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y75l$
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



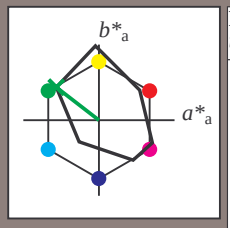


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

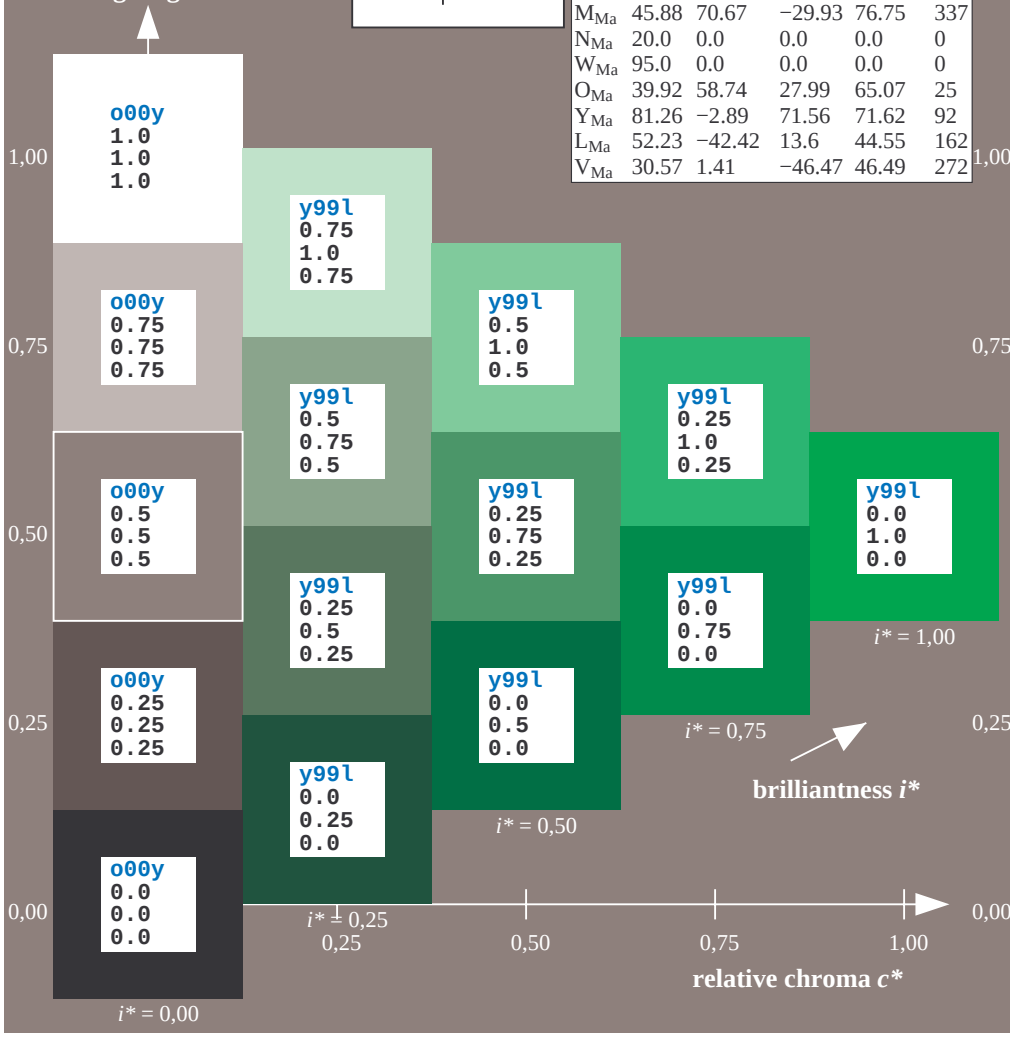
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 52 −56 44**
***LAB*LCH**$_{Ma}$: 52 71 142**
***lab*olv**$_{Ma}$: 0.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.28 1.0 0.0**
triangle lightness *t**

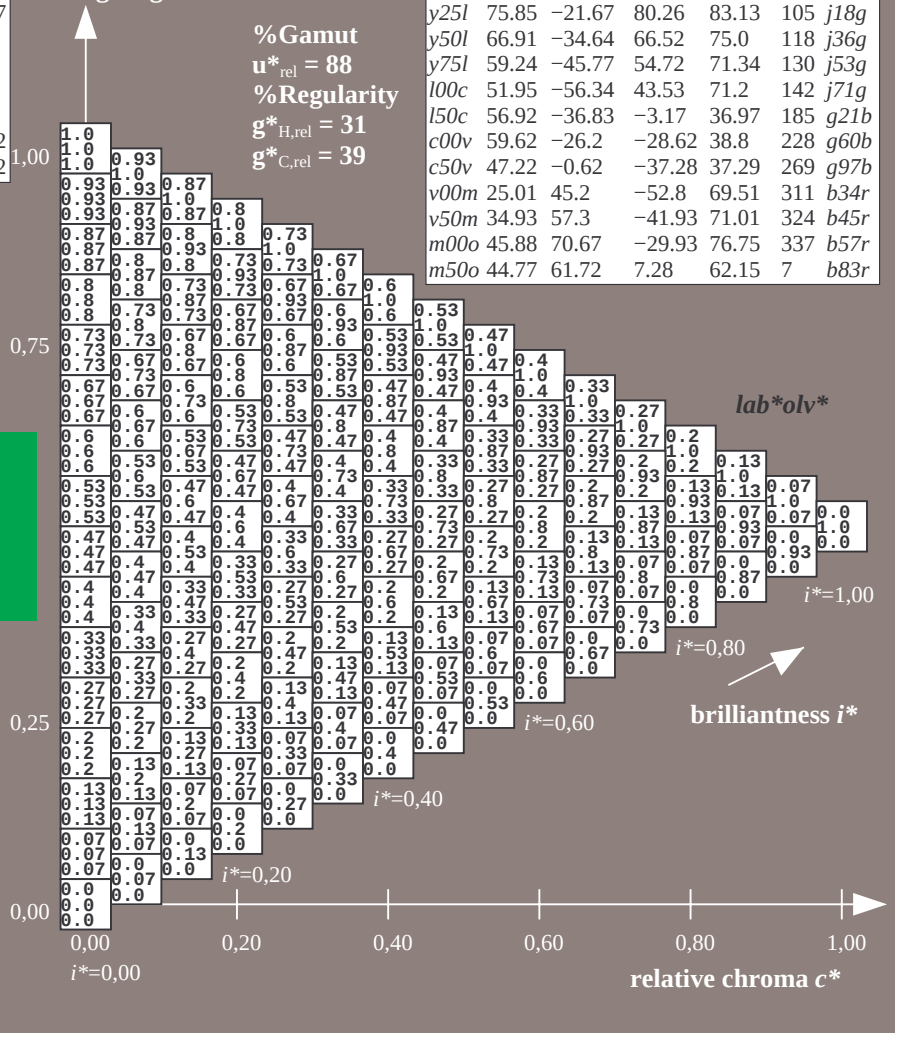
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = l00c$
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



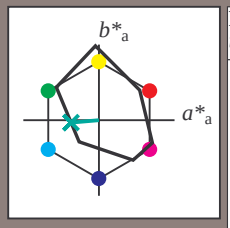


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

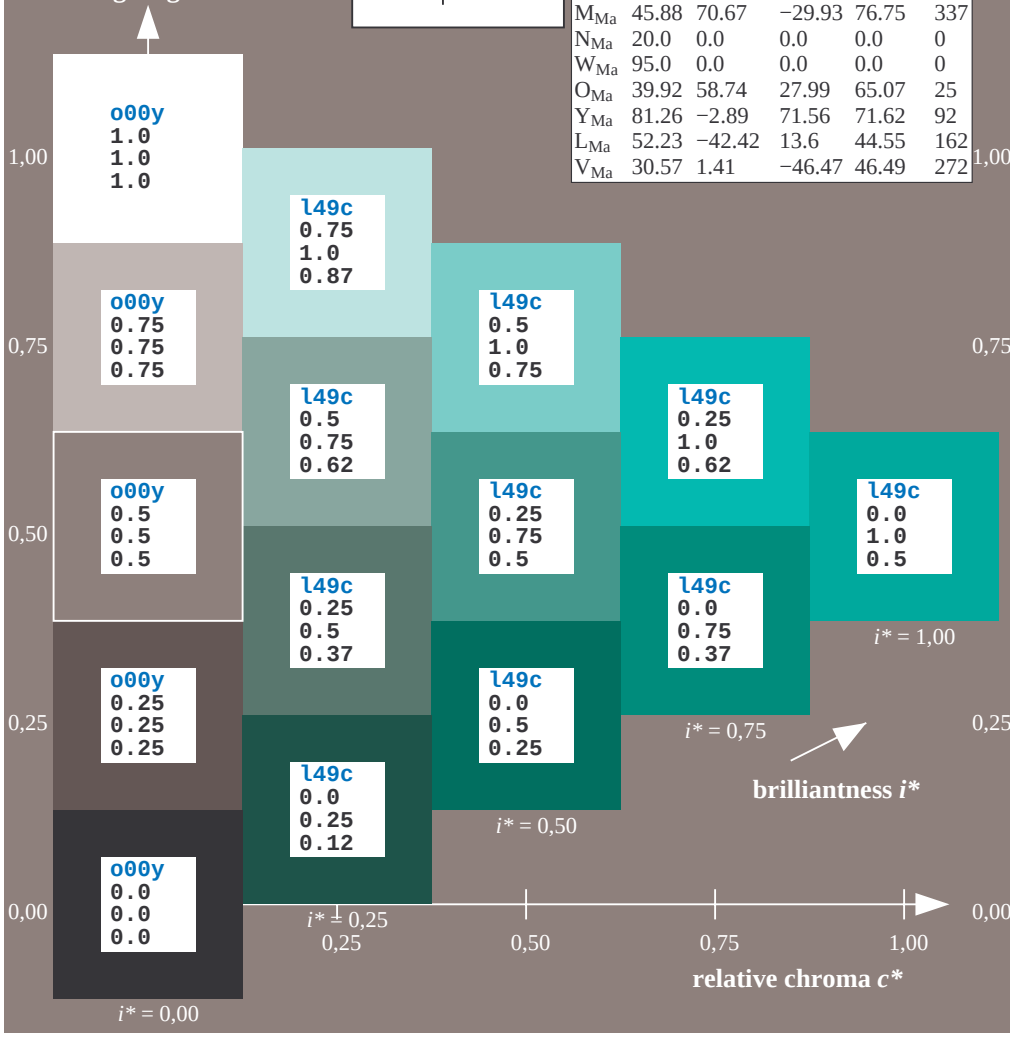
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 57 −37 −3**
***LAB*LCH**$_{Ma}$: 57 37 184**
***lab*olv**$_{Ma}$: 0.0 1.0 0.5**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.41**
triangle lightness *t**

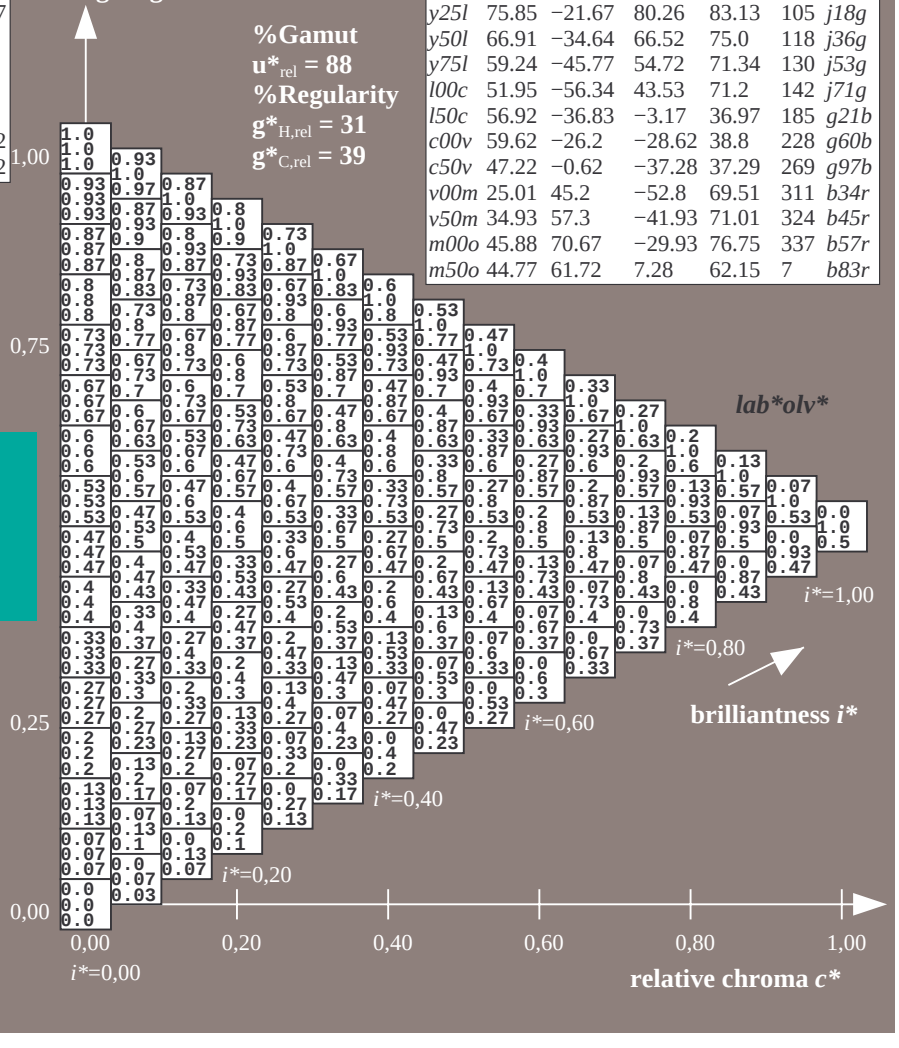
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = l50c$
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



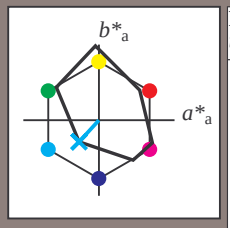


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g60b*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

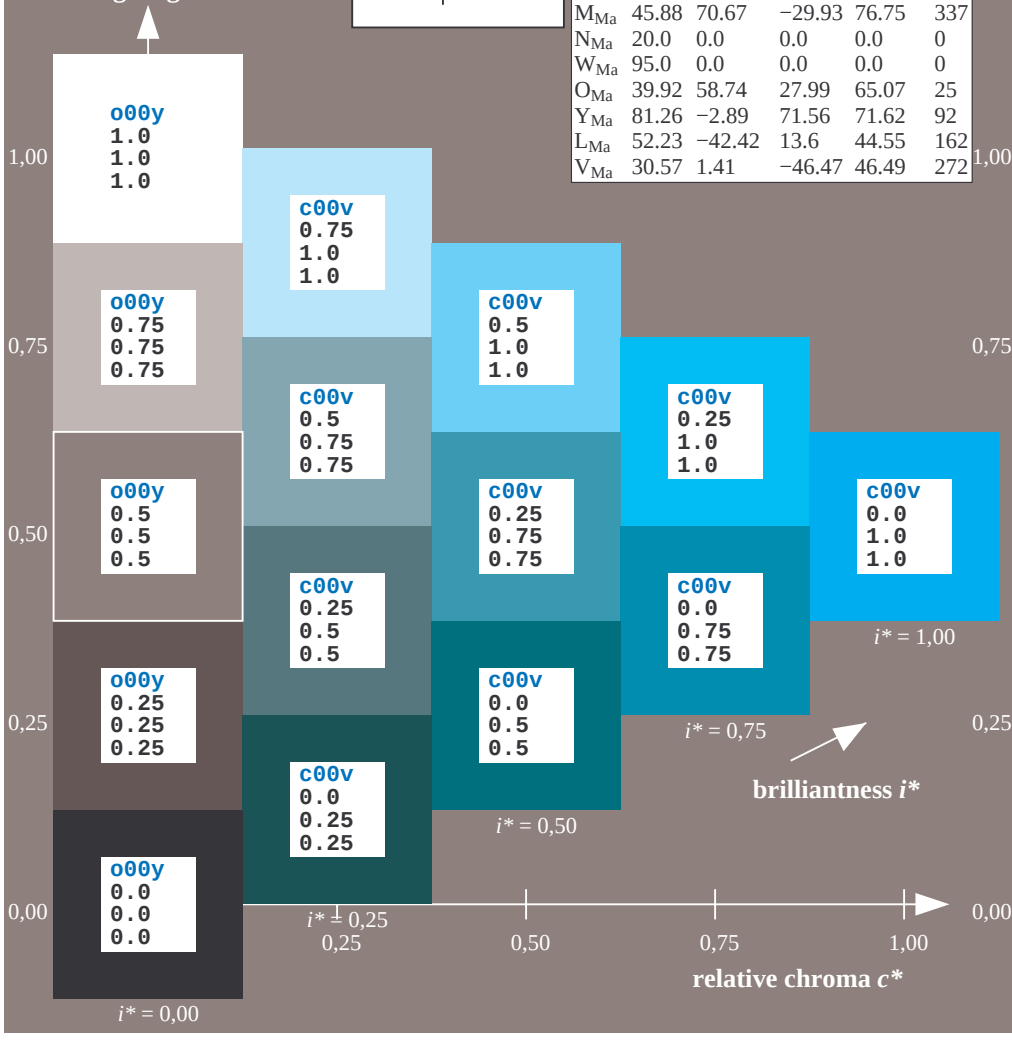
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −26 −29
*LAB*LCH**$_{Ma}$: 60 39 227
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.81 1.0
triangle lightness *t**

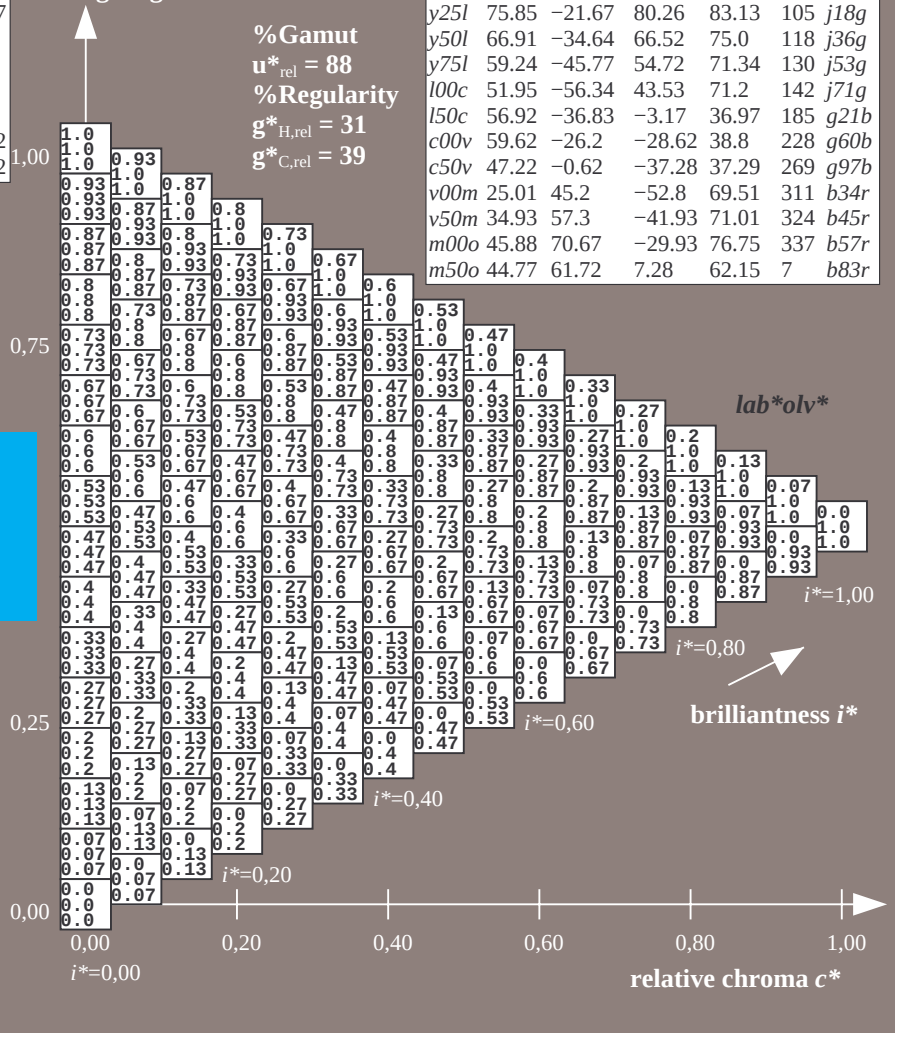
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *c00v*
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



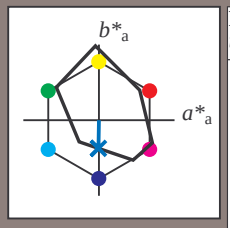


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g97b*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

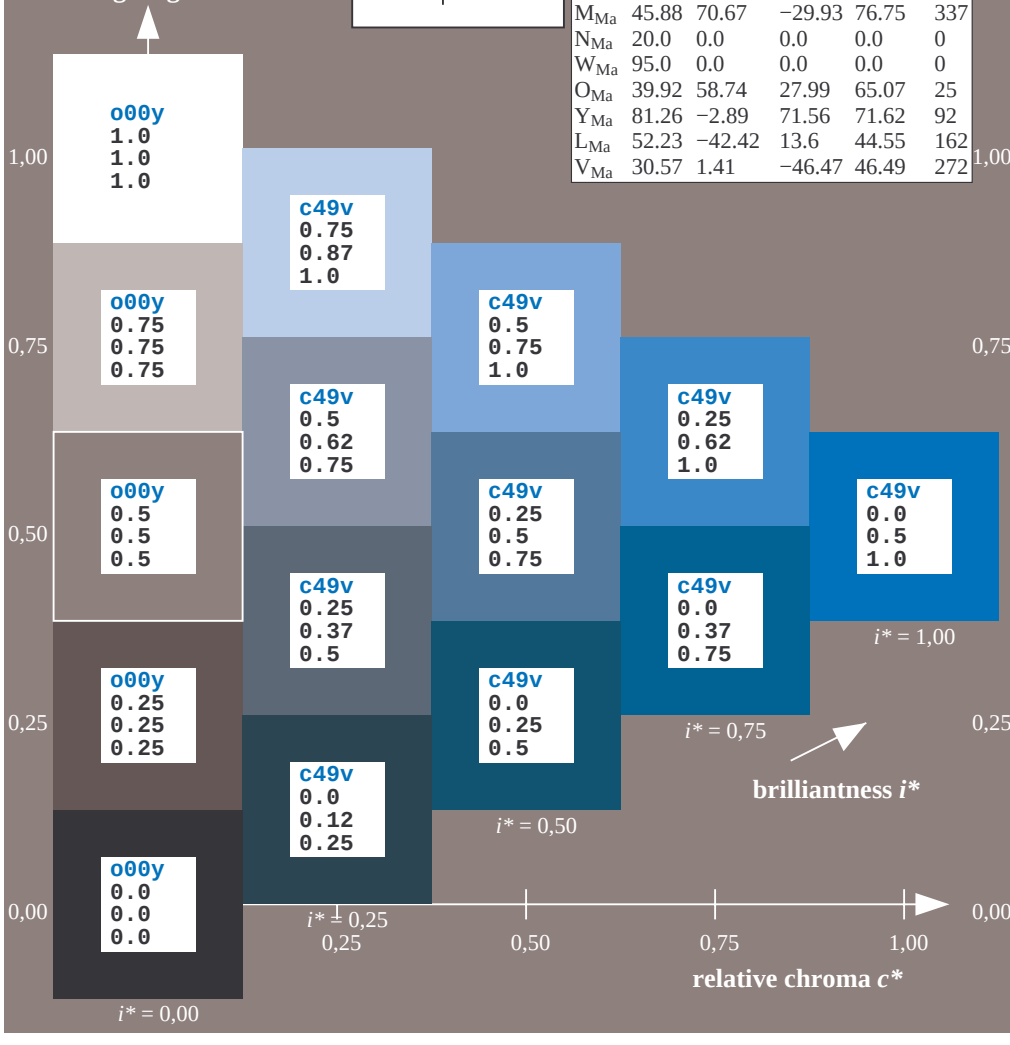
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 47 −1 −37**
***LAB*LCH*Ma*: 47 37 269**
***lab*olv*Ma*: 0.0 0.5 1.0**
***lab*rgb*Ma*: 0.0 0.05 1.0**
triangle lightness *t**

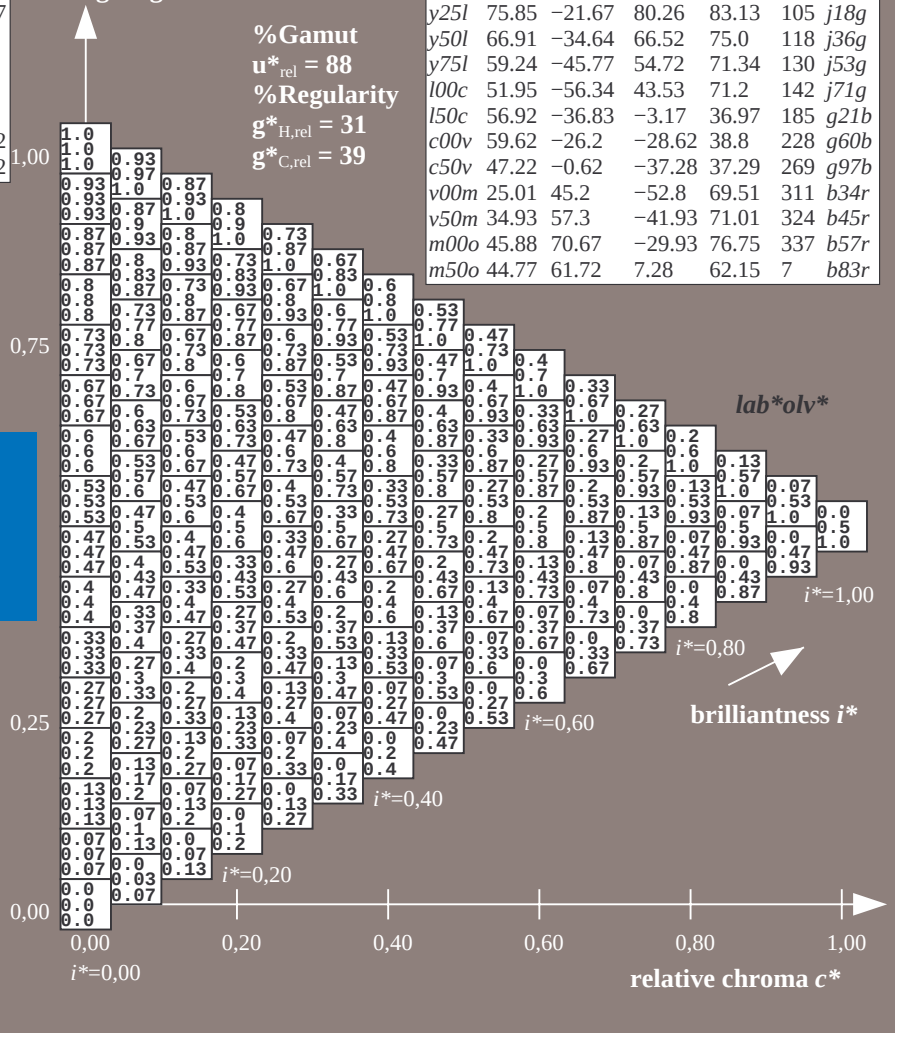
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *c50v*
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



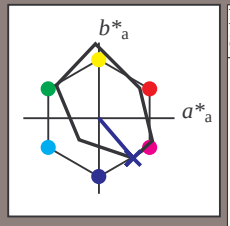


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b34r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

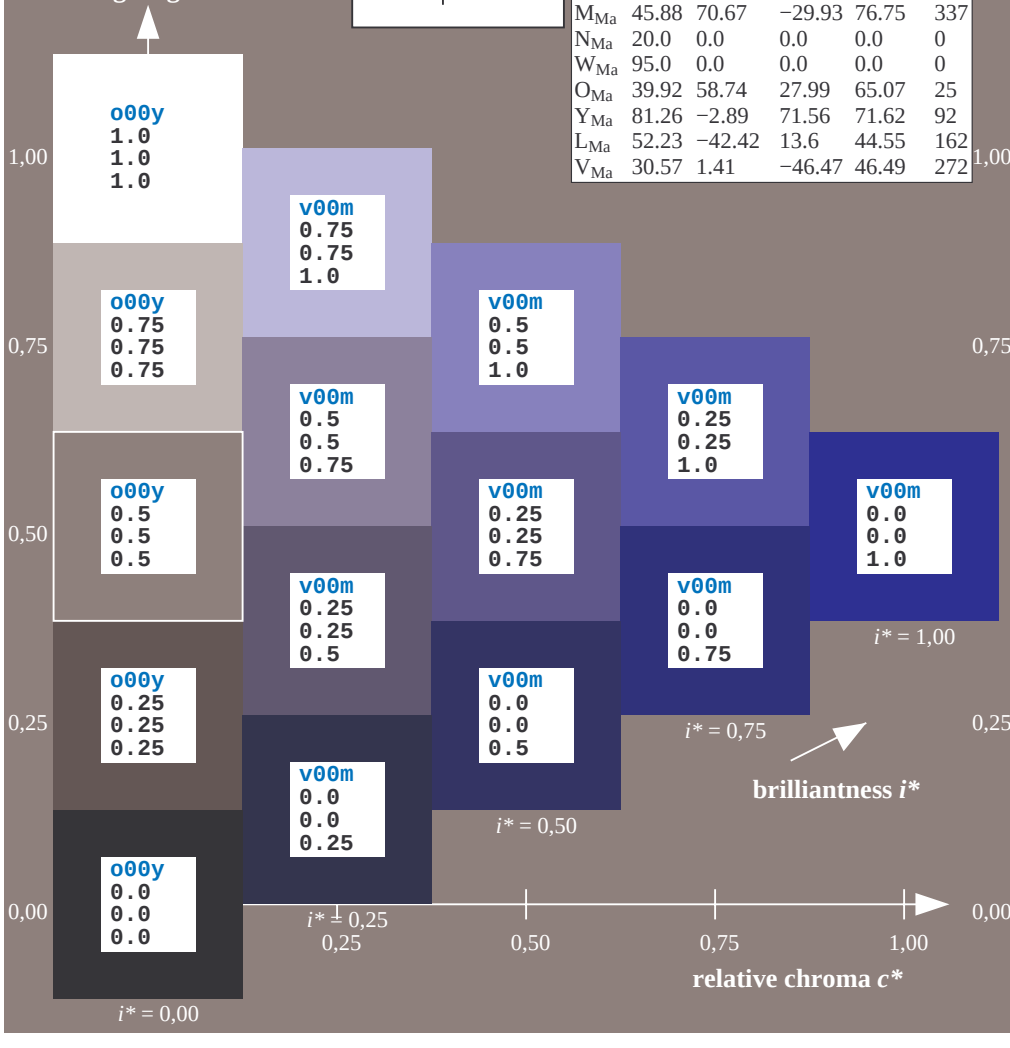
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 25 45 −53
*LAB*LCH**$_{Ma}$: 25 70 310
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.68 0.0 1.0
triangle lightness *t**

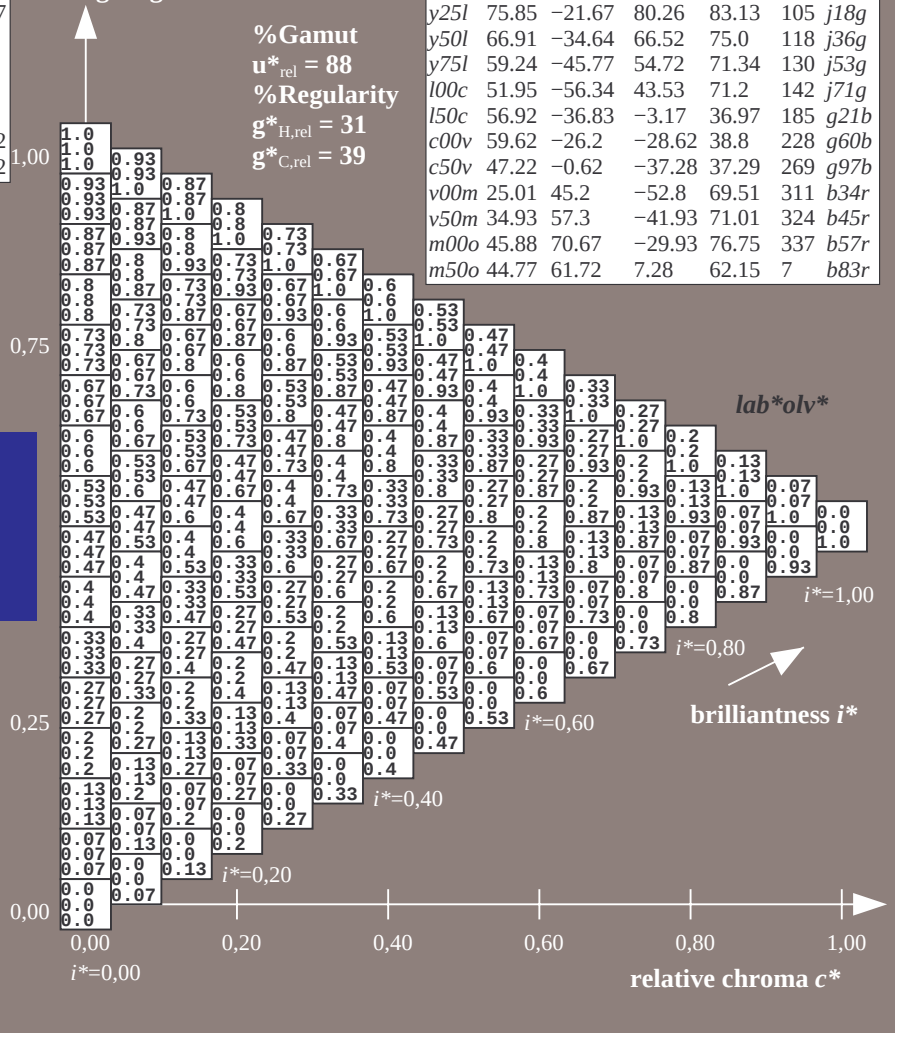
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *v00m*
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





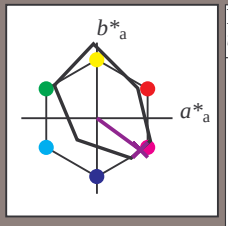
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

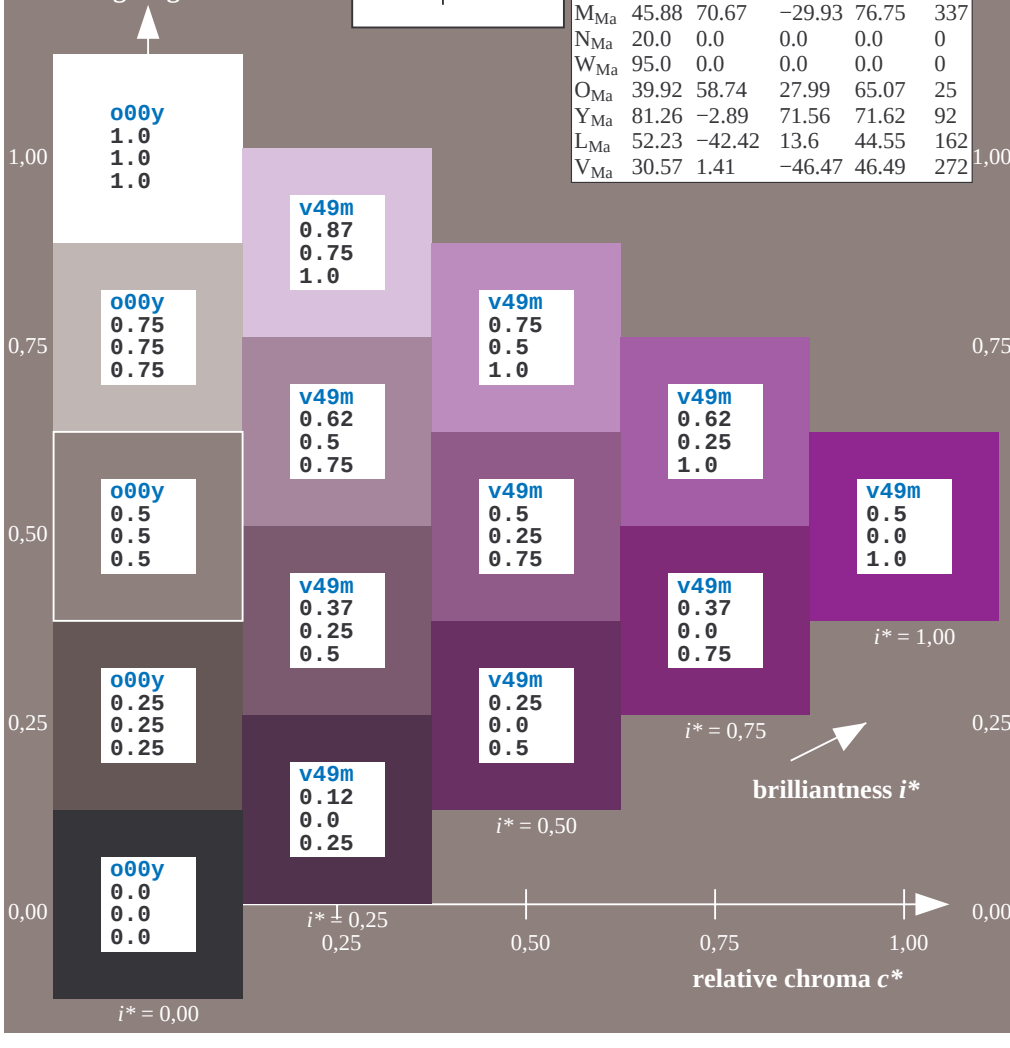
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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

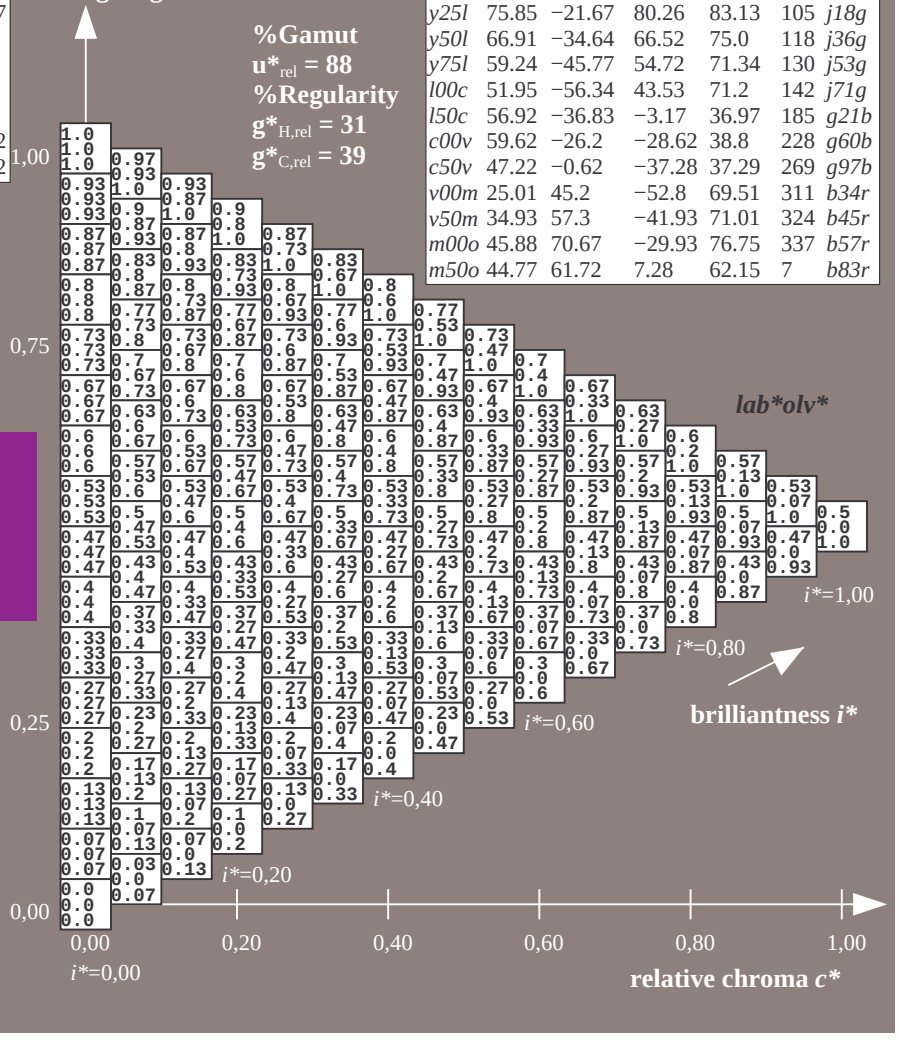
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 35 57 −42**
***LAB*LCH*$_{Ma}$*: 35 71 323**
***lab*olv*$_{Ma}$*: 0.5 0.0 1.0**
***lab*rgb*$_{Ma}$*: 0.92 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



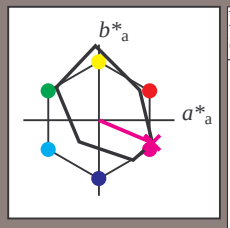


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b57r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

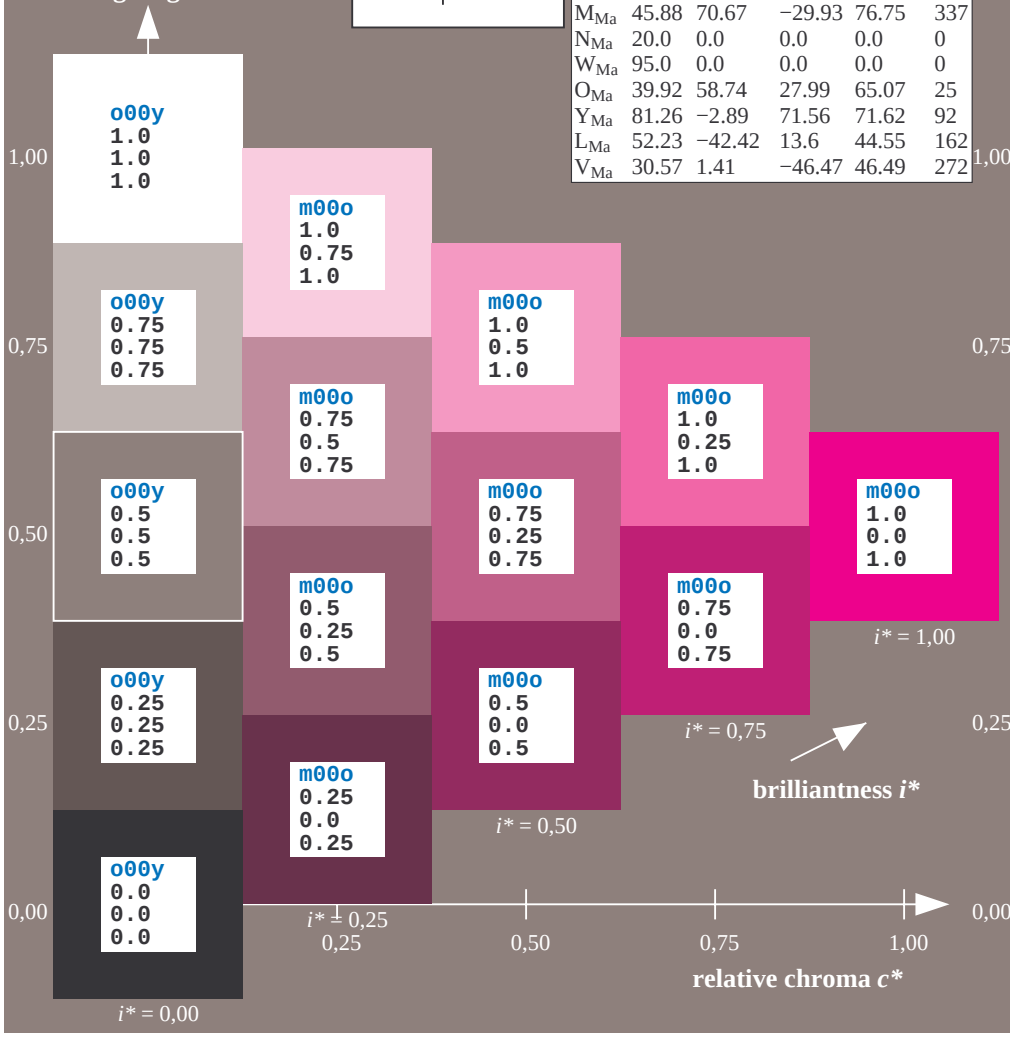
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 46 71 −30
*LAB*LCH**$_{Ma}$: 46 77 337
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.85
triangle lightness *t**

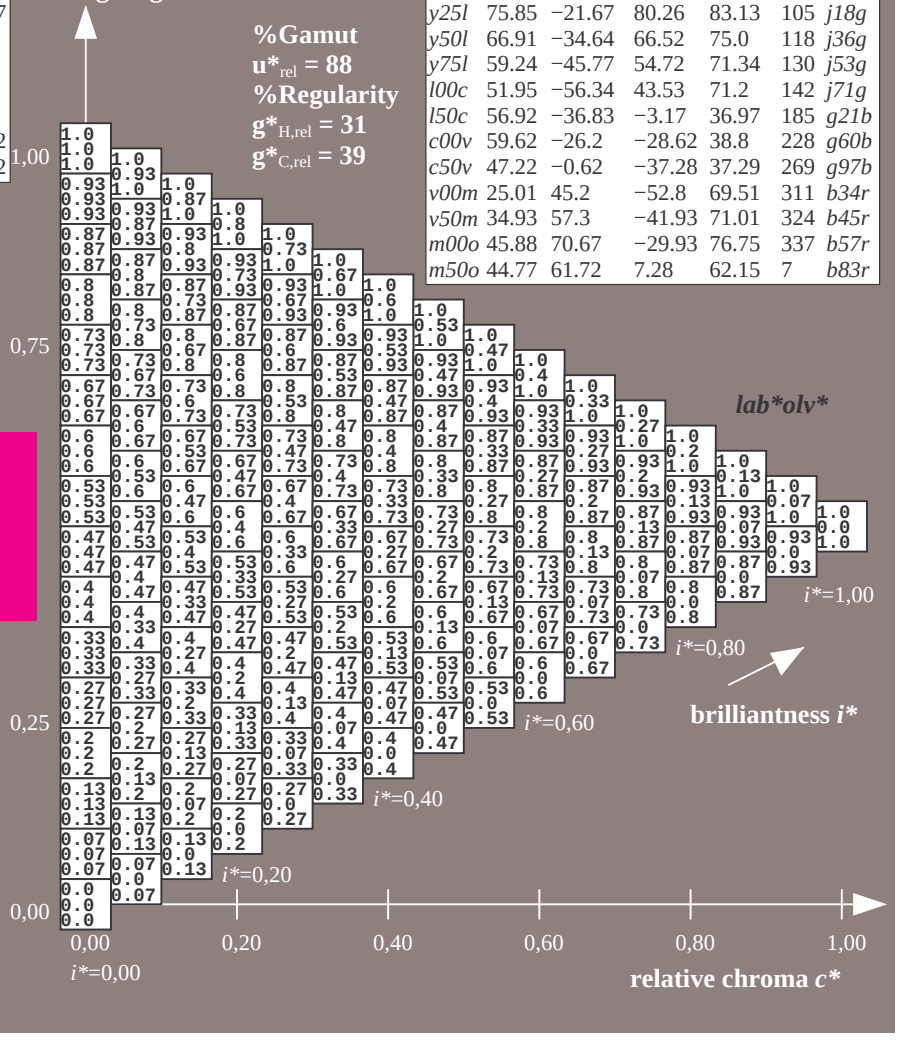
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *m00o*
*lab*olv**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





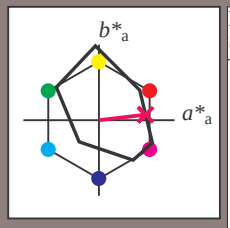
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

$u^*_d = m50o$
lab^*olv^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

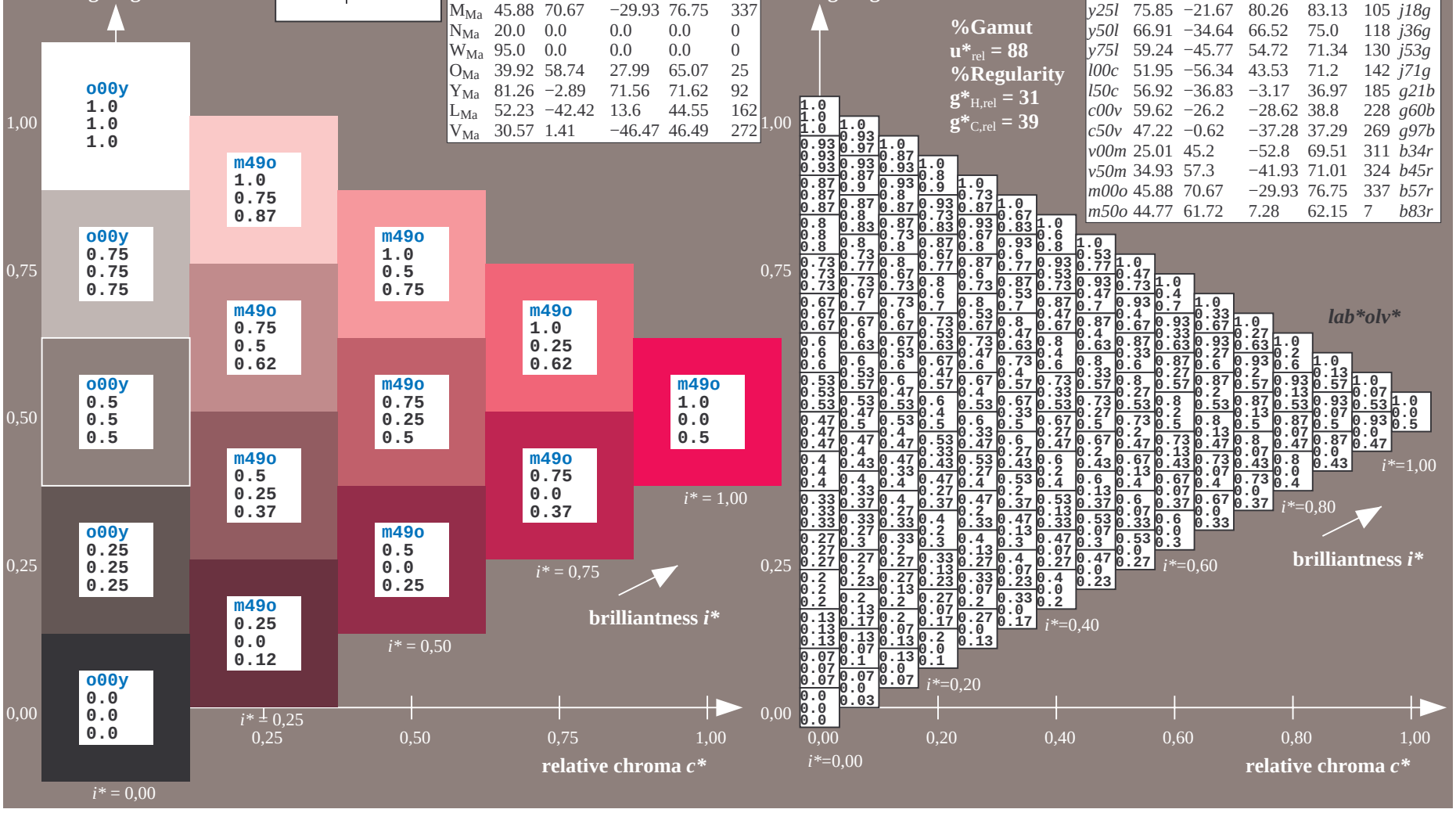
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 62 7
*LAB*LCH**$_{Ma}$: 45 62 6
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.33
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

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Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

	A	B	C	D	E	F	G	H	I
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

	J	K	L	M	N	O	P	Q	R
01	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
02	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
03	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
04	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
05	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
06	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
07	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
08	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
09	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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

	S	T	U	V	W	X	Y	Z	a
01	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
02	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
03	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
04	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
05	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
06	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
07	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
08	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
09	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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

	b	c	d	e	f	g	h	i	j
01	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
02	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
03	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
04	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
05	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
06	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
07	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
08	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
09	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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

	k	*lab*olv**		
01	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	0.13 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	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25
04	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	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5
06	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63
07	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75
08	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88
09	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	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
11	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07
12	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
13	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2
14	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27
15	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33
16	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4
17	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47
18	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53
19	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6
20	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67
21	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73
22	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8
23	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87
24	0.93 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 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
26	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	1.0 1.0 1.0	0.0 1.0 1.0	0.0 0.0 1.0	1.0 0.0 1.0

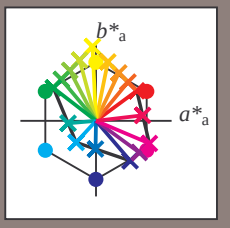
BAM-test chart Fe63; Relative Device Colour System
D65: colour scales and 9 data tables for 16 hues *o00y* to *m50o*

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

Input and output:
Colorimetric Printer Reflective System FRS12_95a
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 = 0.9

FRS12_95a; adapted (a) CIELAB data

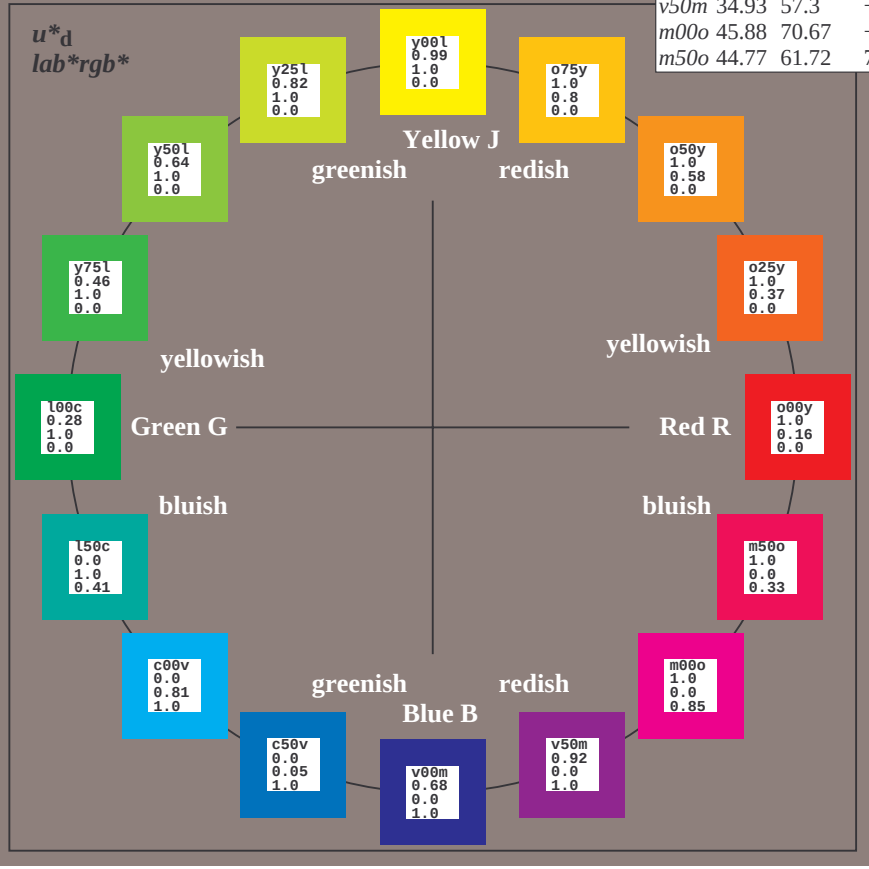
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

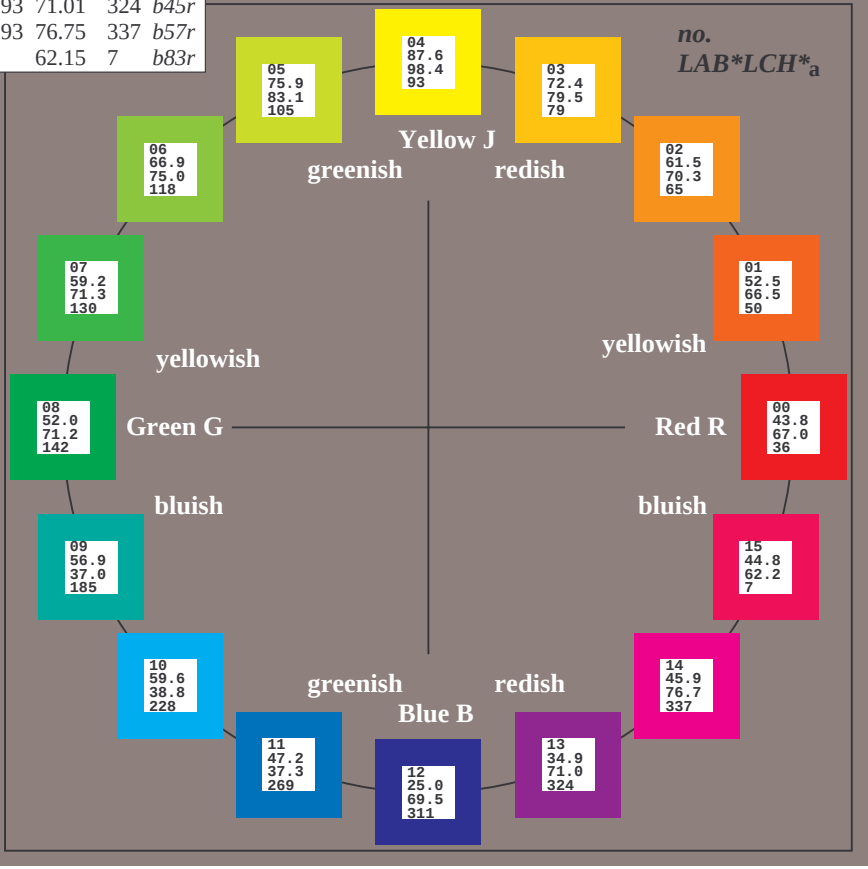


%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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



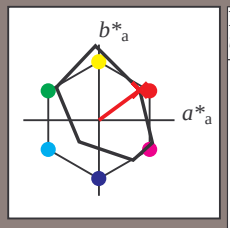


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r16j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

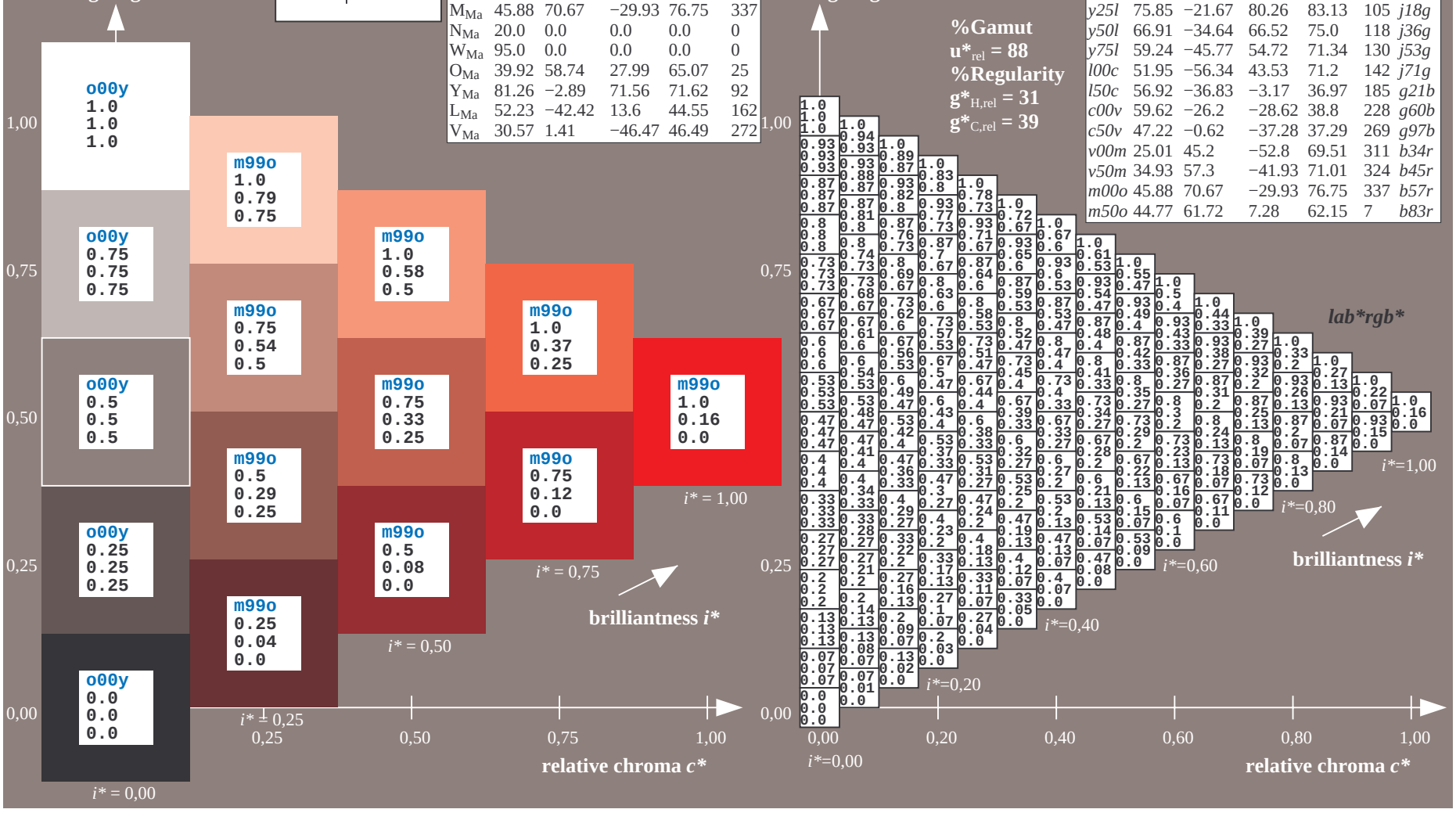
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 44 54 40
*LAB*LCH**$_{Ma}$: 44 67 36
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.16 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o00y*
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

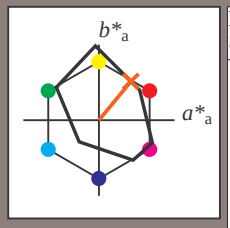


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r37j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

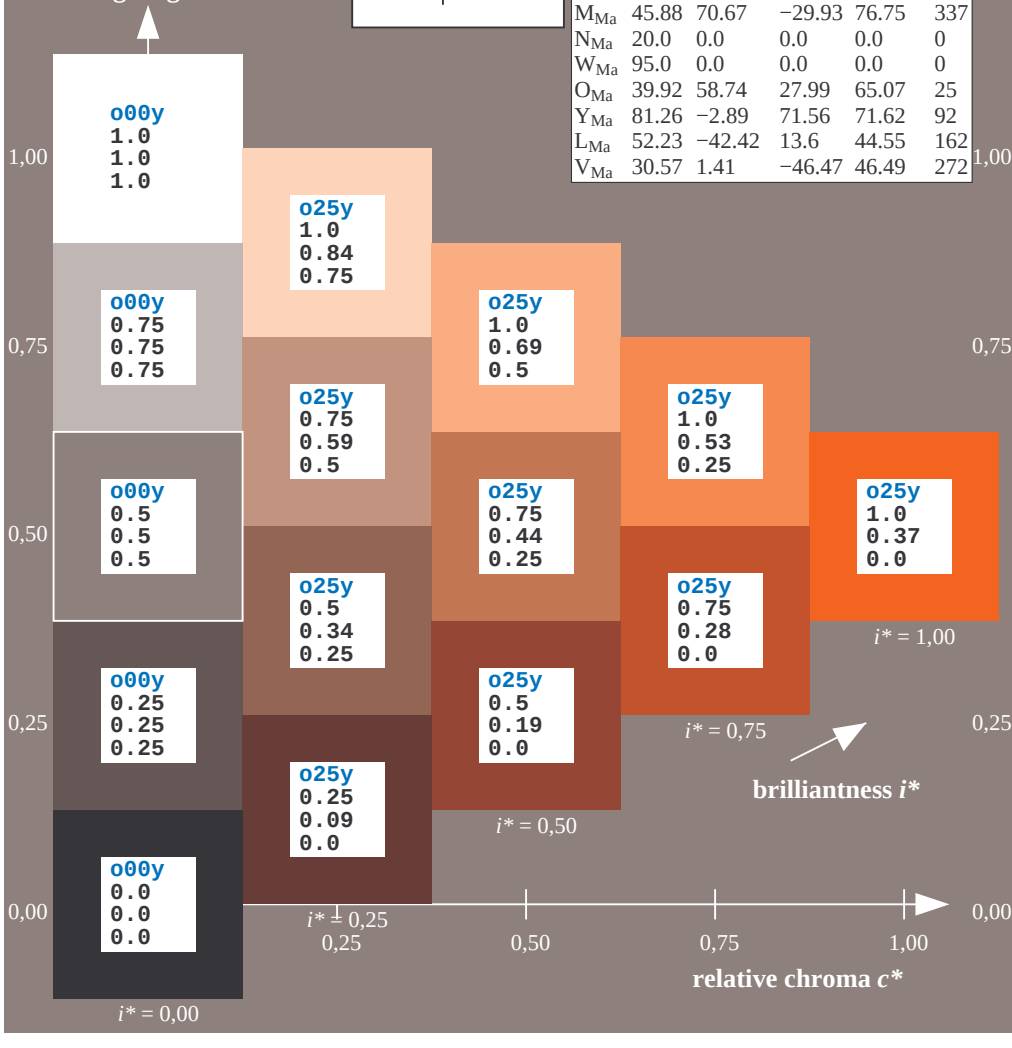
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 42 51
*LAB*LCH**$_{Ma}$: 52 67 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

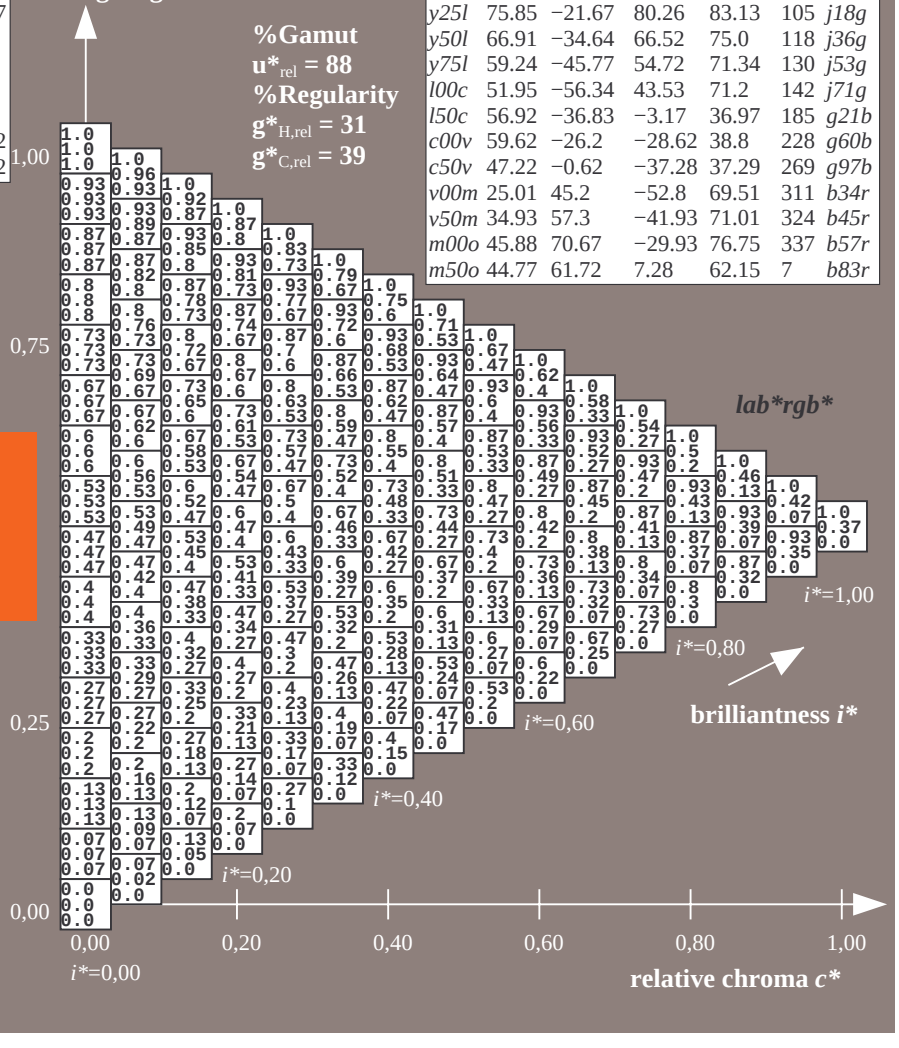
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o25y*
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



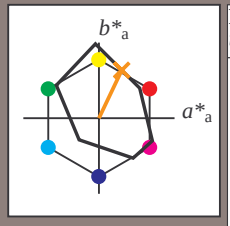


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o50y$ $u^*_e = r58j$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

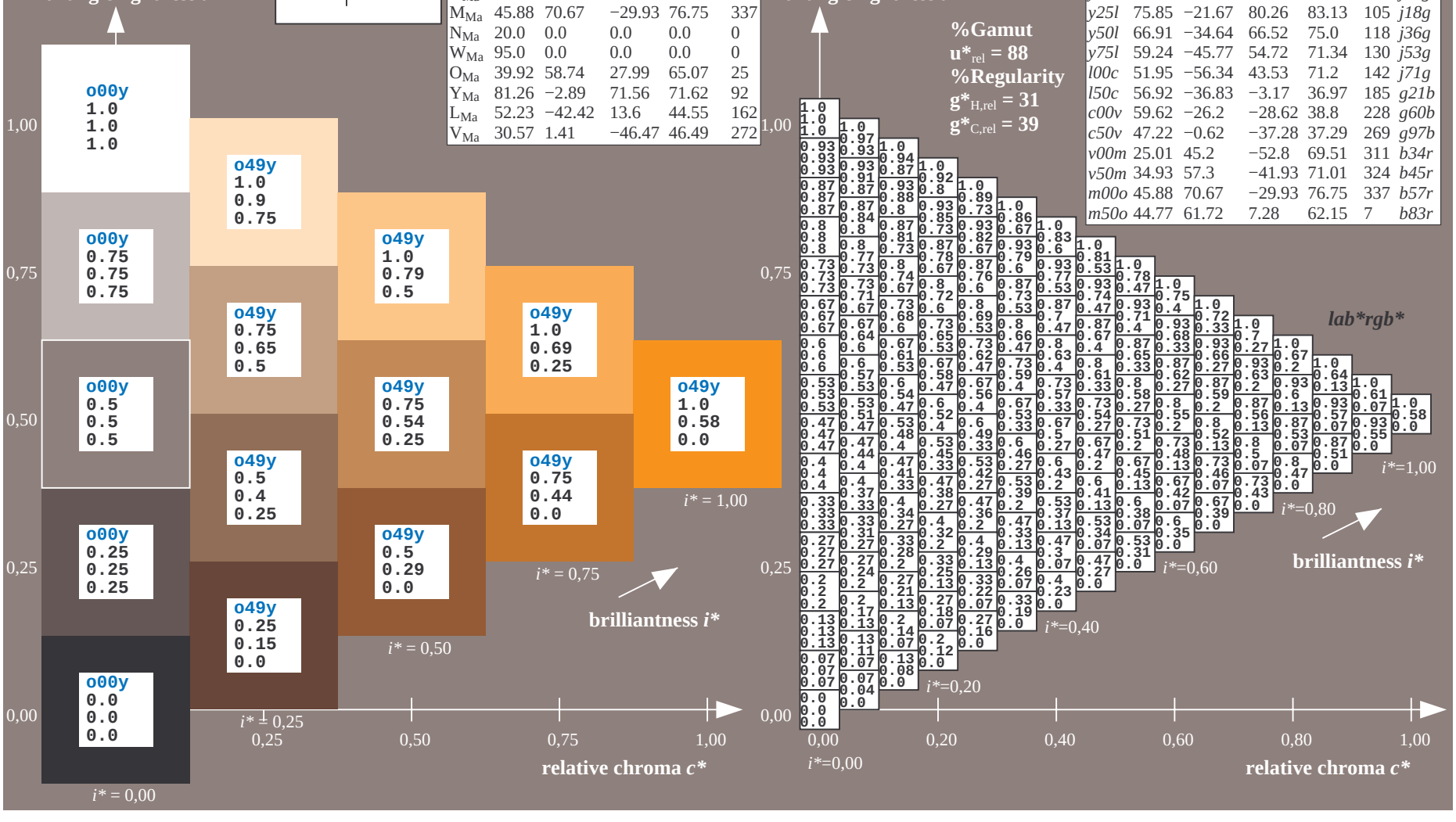
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 62 30 63**
***LAB*LCH**$_{Ma}$: 62 70 64**
***lab*olv**$_{Ma}$: 1.0 0.5 0.0**
***lab*rgb**$_{Ma}$: 1.0 0.58 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = o50y$
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

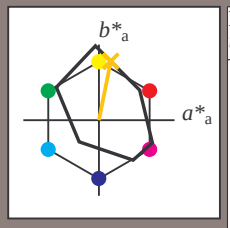
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r79j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

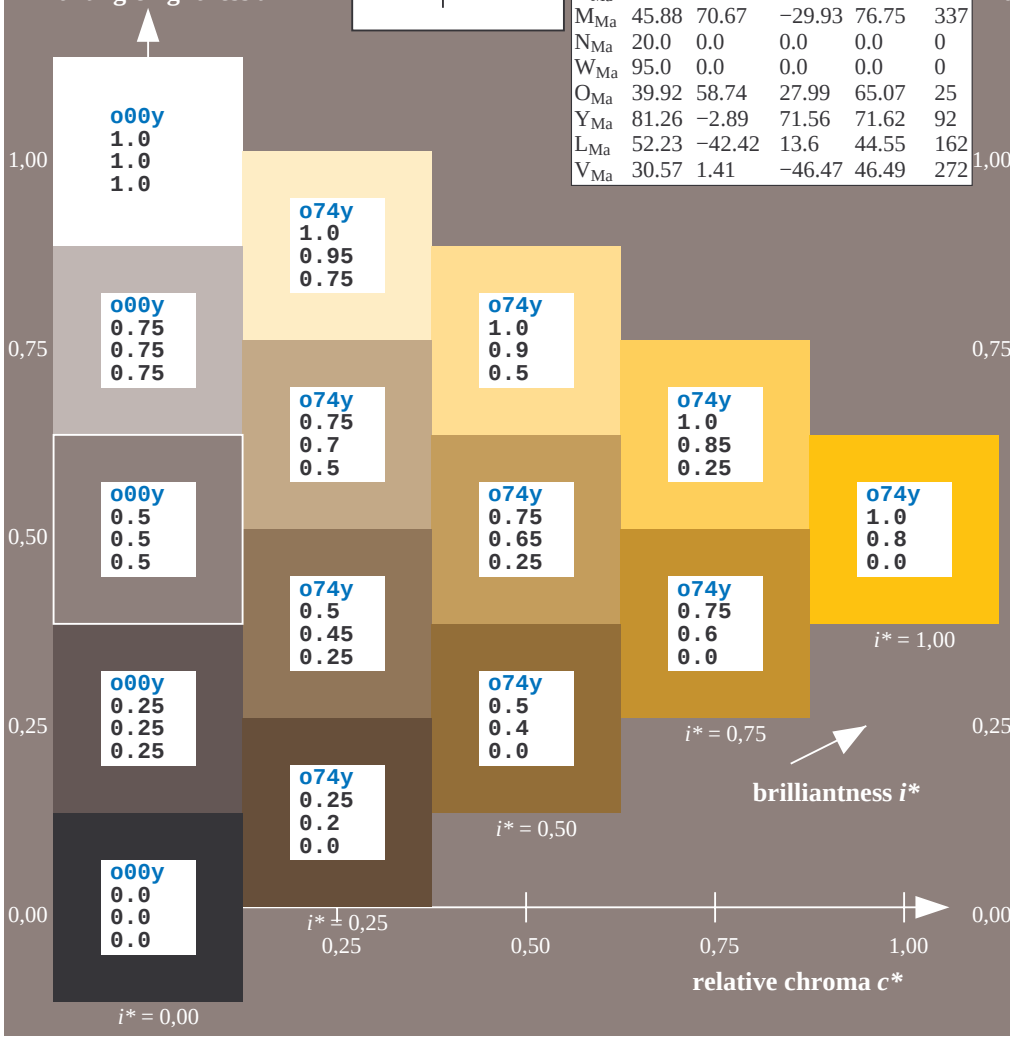
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 72 16 78
*LAB*LCH**$_{Ma}$: 72 80 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.8 0.0
triangle lightness *t**

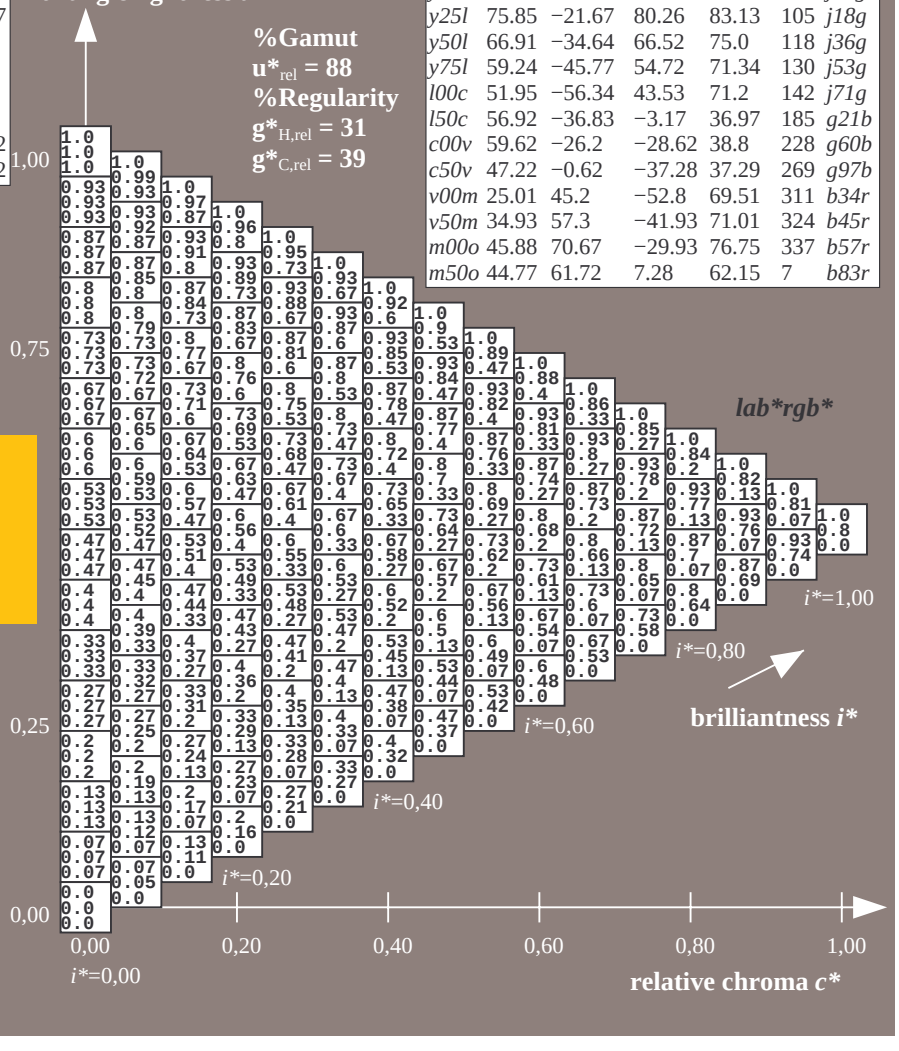
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o75y*
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



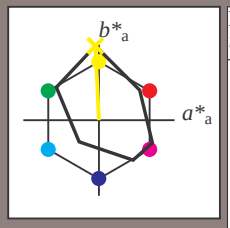


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j01g*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

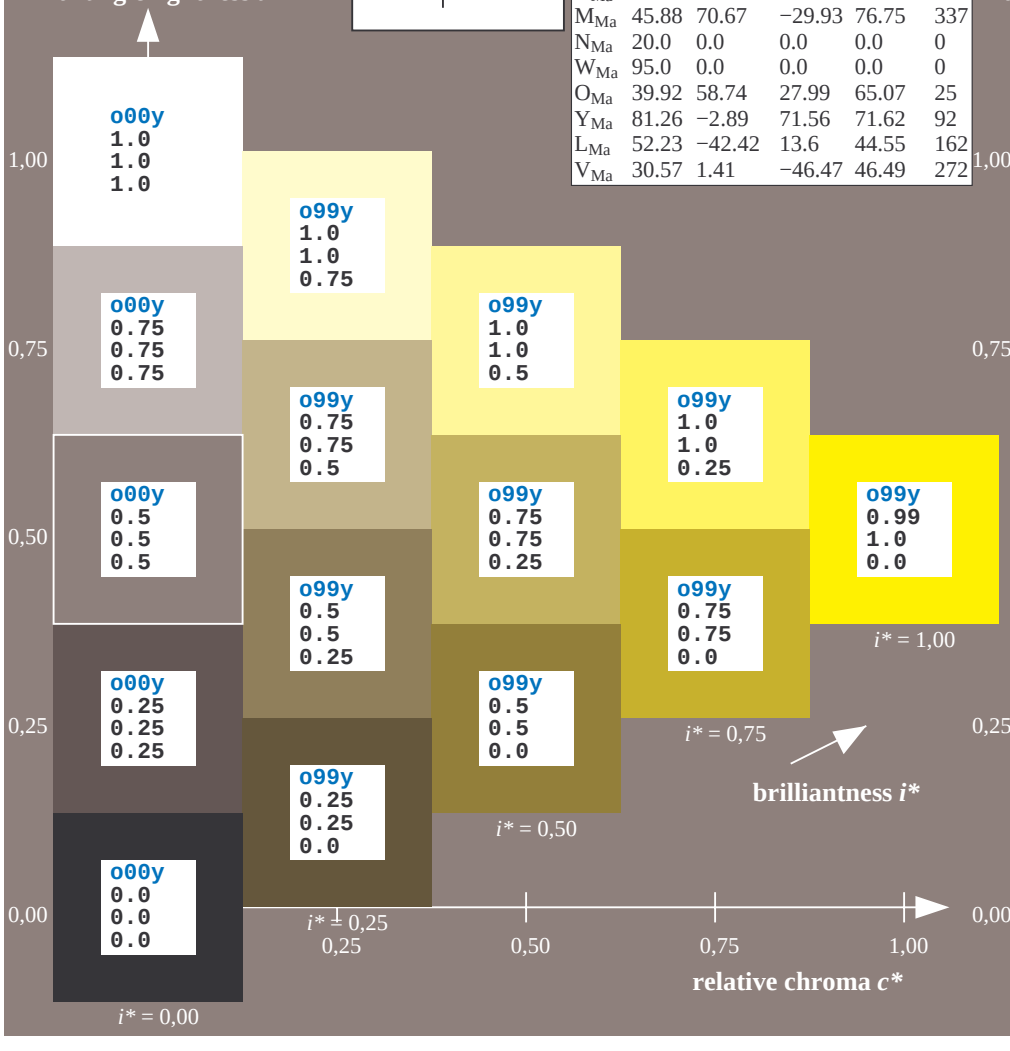
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 88 −5 98**
***LAB*LCH**$_{Ma}$: 88 98 92**
***lab*olv**$_{Ma}$: 1.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.99 1.0 0.0**
triangle lightness *t**

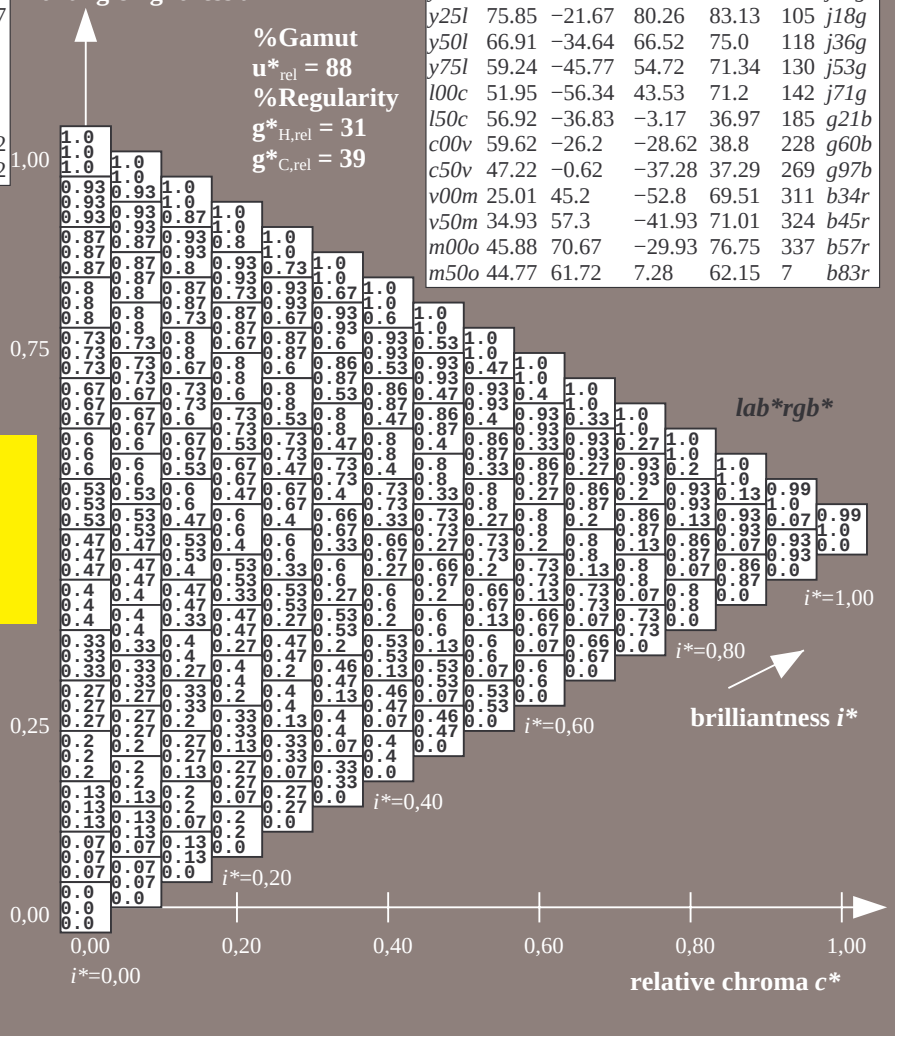
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *y00l*
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



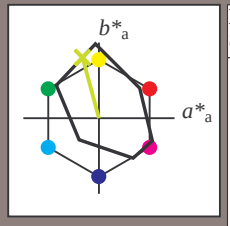


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

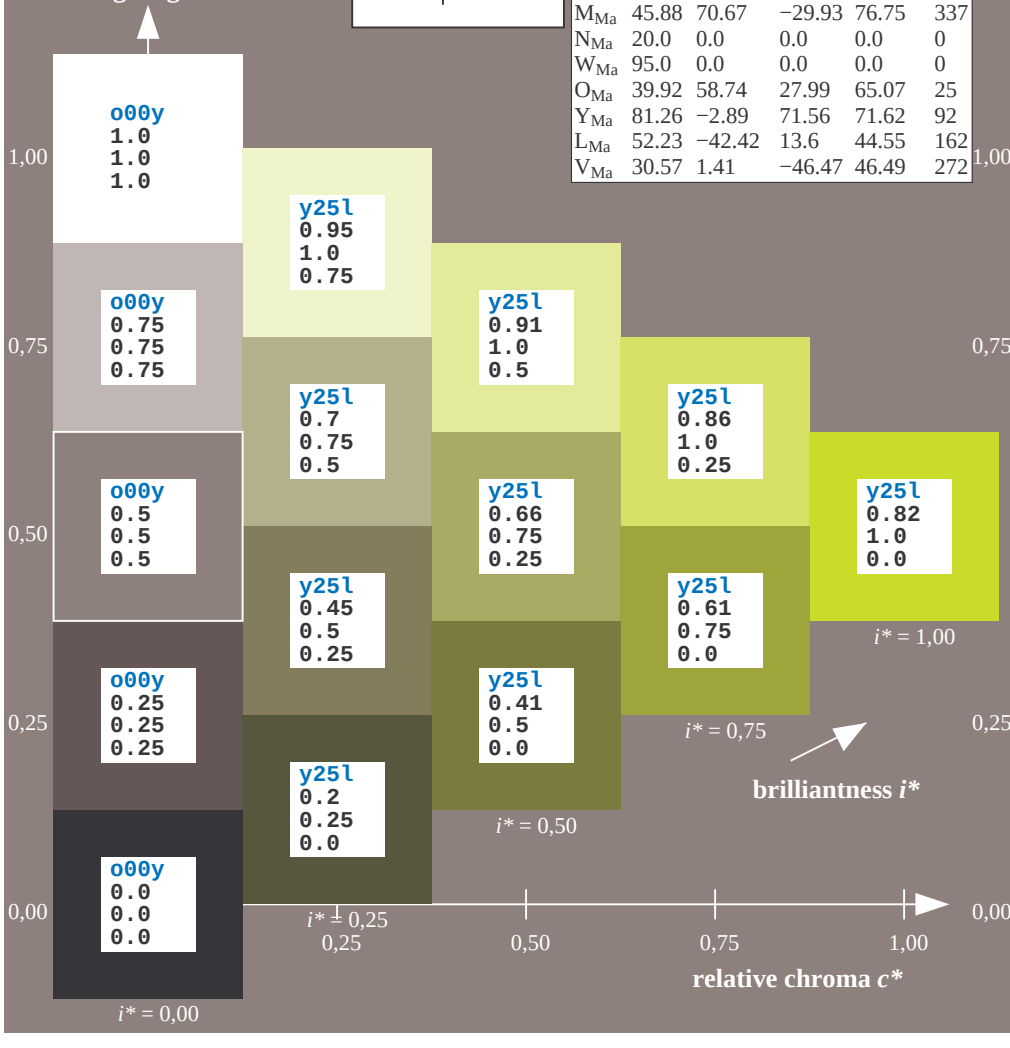
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 76 −22 80**
***LAB*LCH*Ma*: 76 83 105**
***lab*olv*Ma*: 0.75 1.0 0.0**
***lab*rgb*Ma*: 0.82 1.0 0.0**
triangle lightness *t**

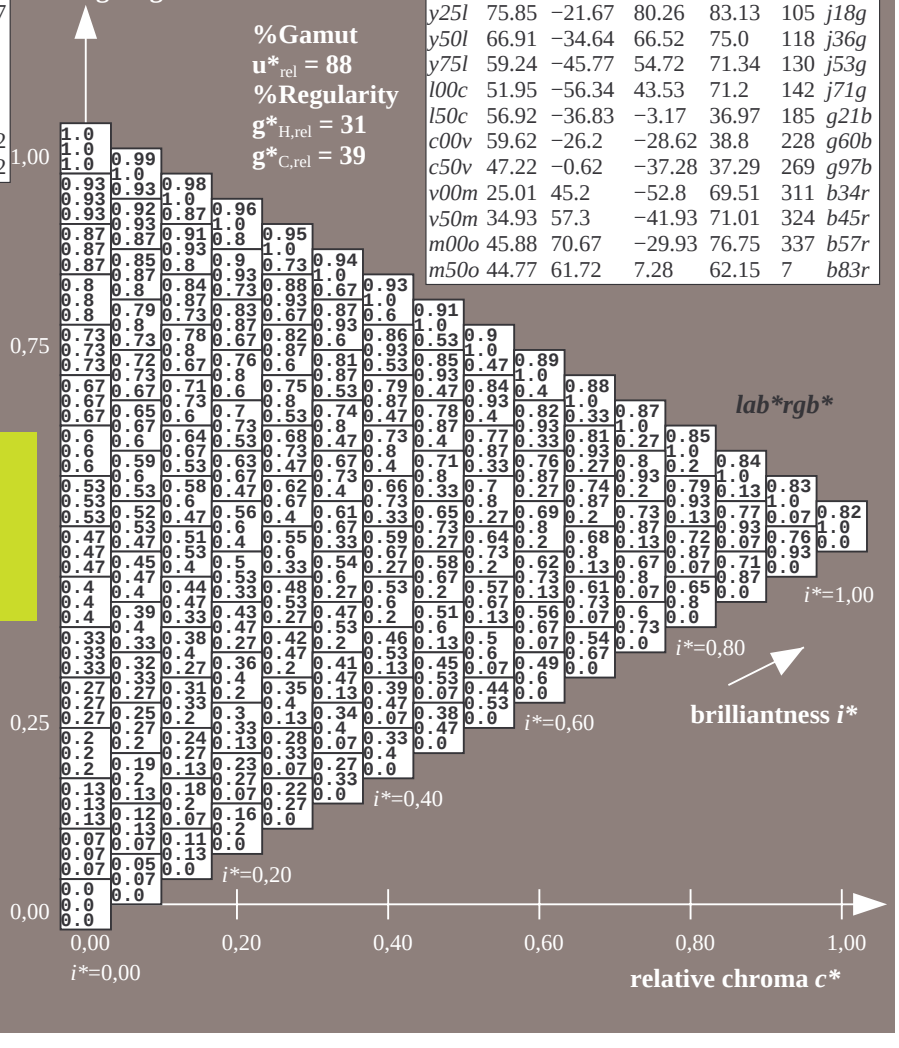
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

$u^*_d = y25l$
*lab*rgb**



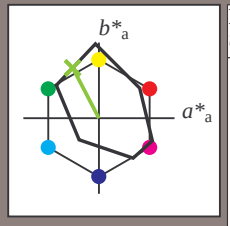


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

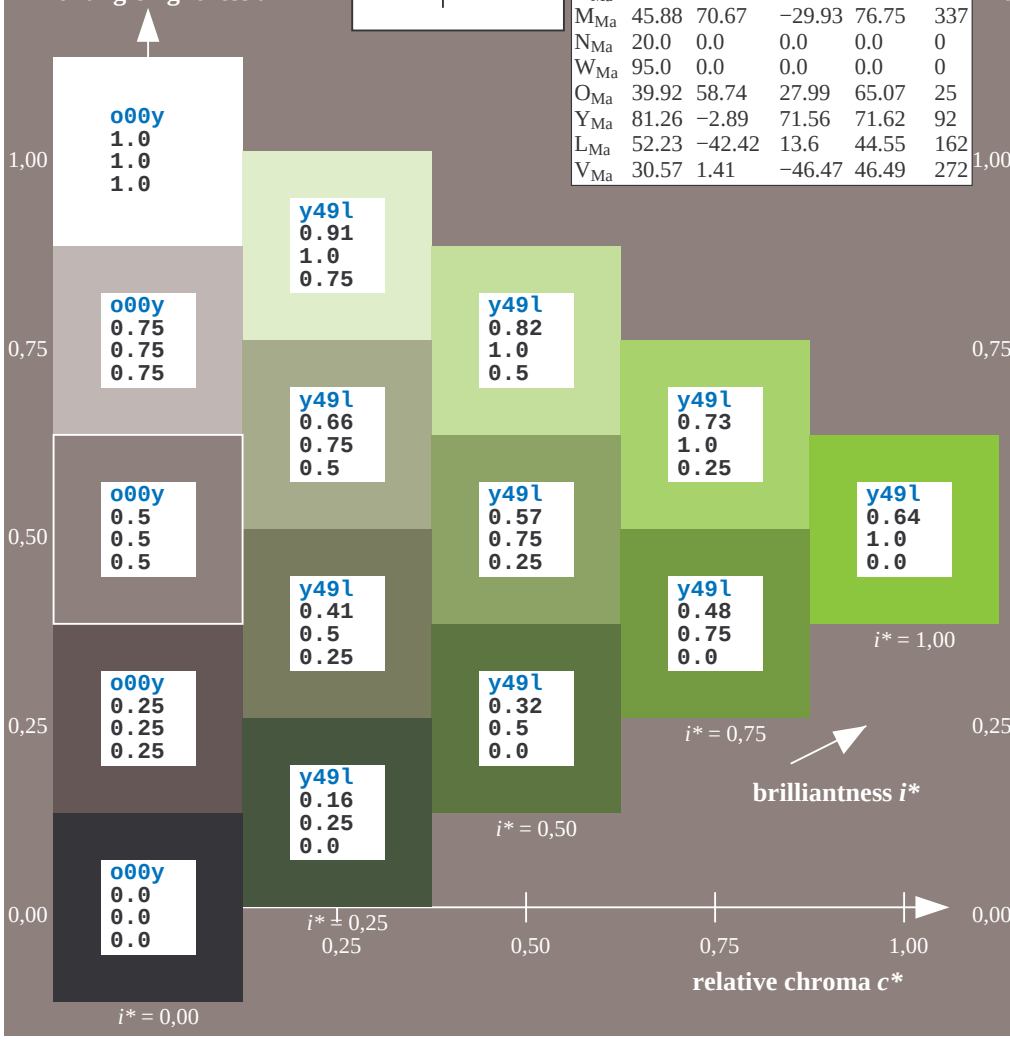
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 67 −35 67**
***LAB*LCH*Ma*: 67 75 117**
***lab*olv*Ma*: 0.5 1.0 0.0**
***lab*rgb*Ma*: 0.64 1.0 0.0**
triangle lightness *t**

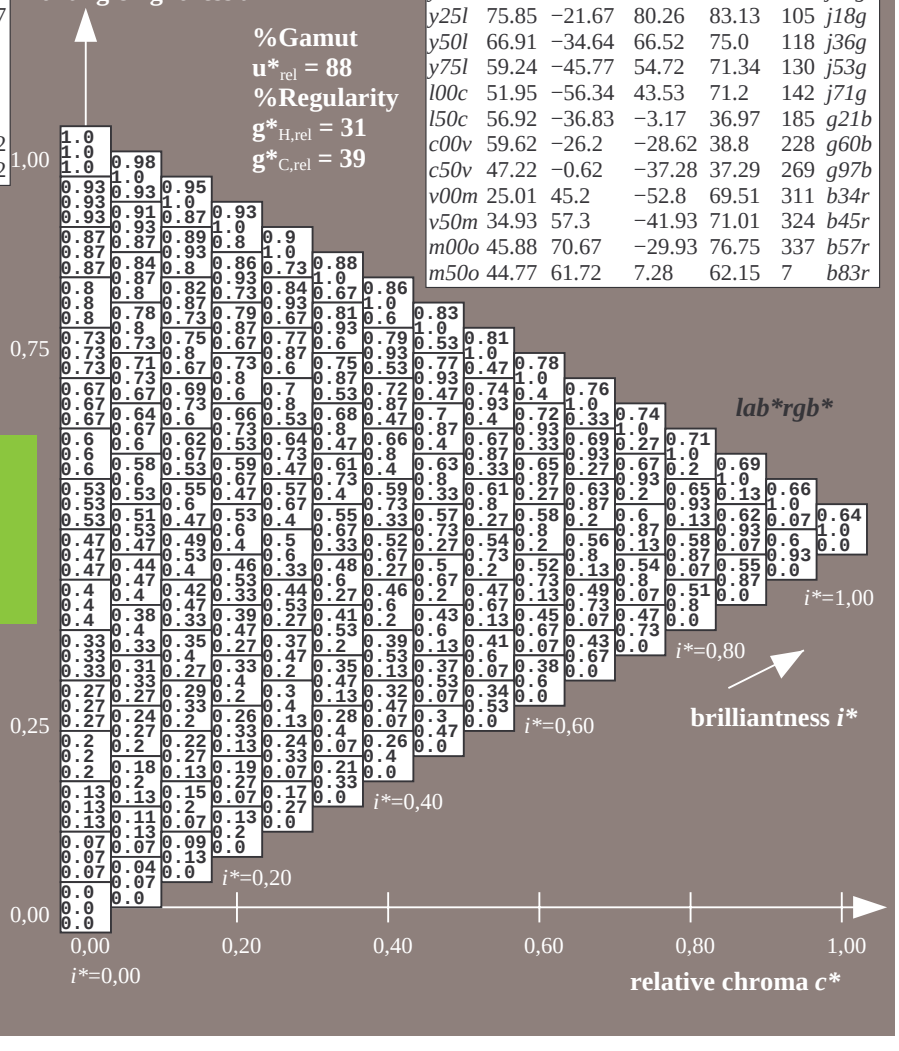
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

$u^*_d = y50l$
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



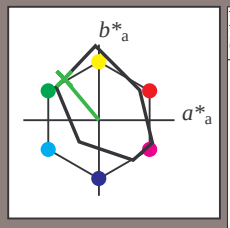


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

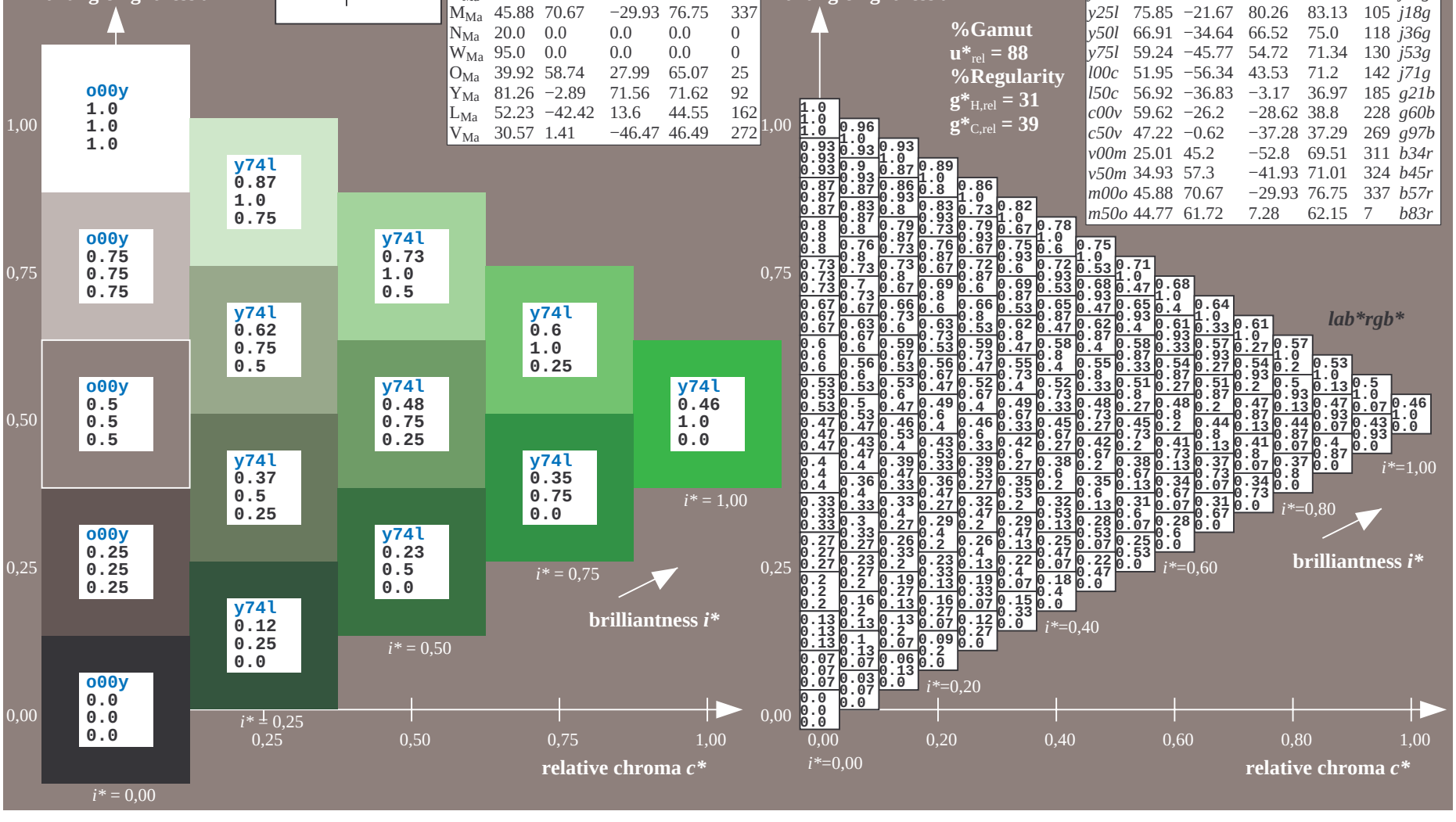
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 59 −46 55**
***LAB*LCH*Ma*: 59 71 129**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.46 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

$u^*_d = y75l$
*lab*rgb**



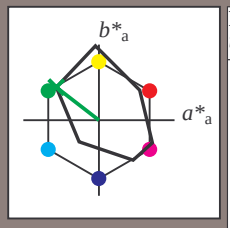
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

$u^*_d = l00c$
lab^*rgb^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



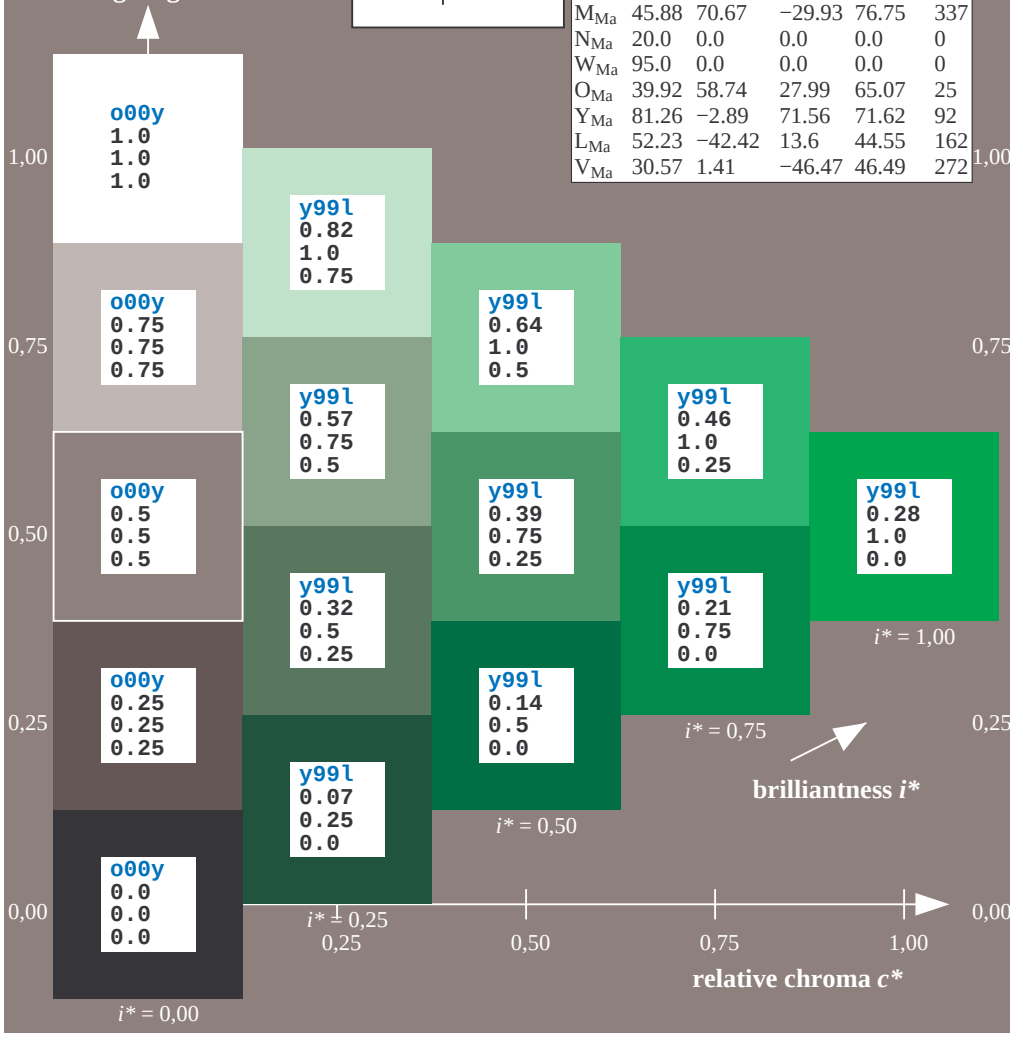
FRS12_95a; adapted (a) CIELAB data

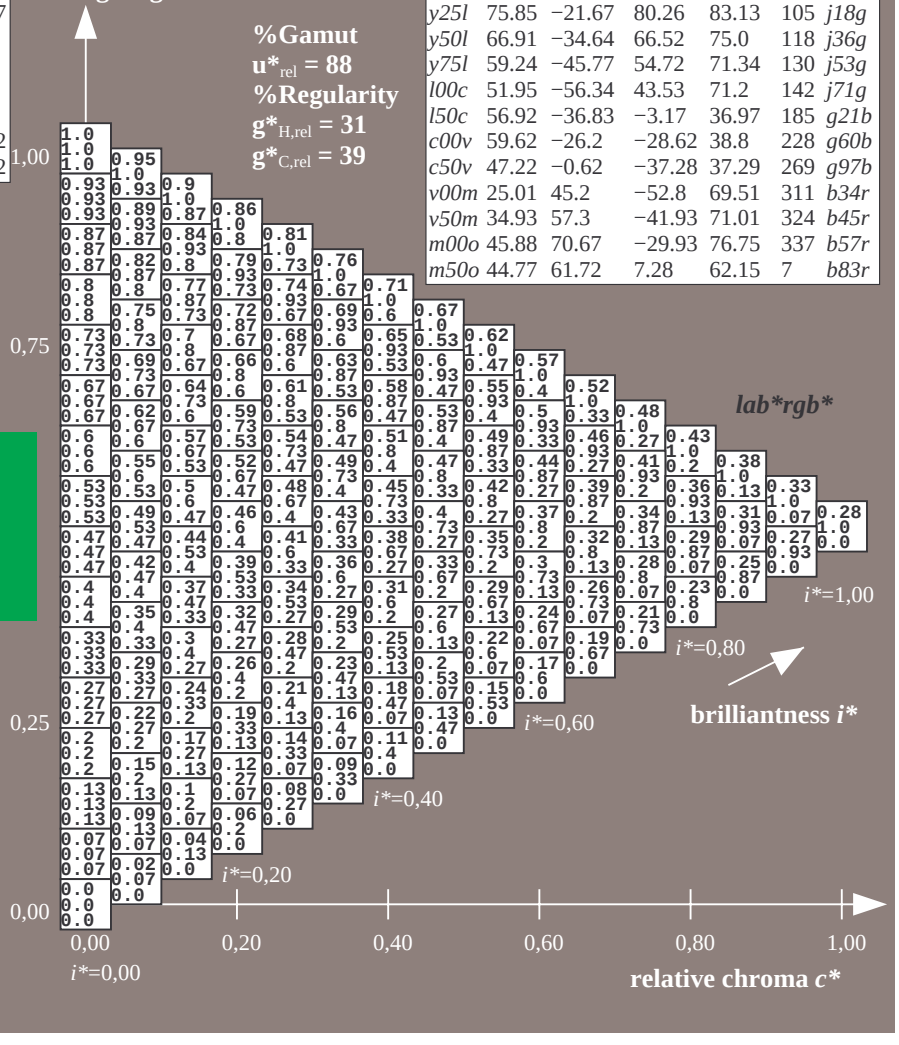
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 −56 44
$LAB^*LCH^*_{Ma}$: 52 71 142
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



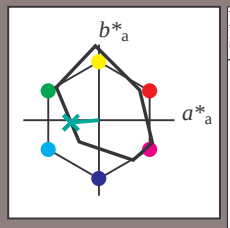


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *l50c* u^*_e = *g21b*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

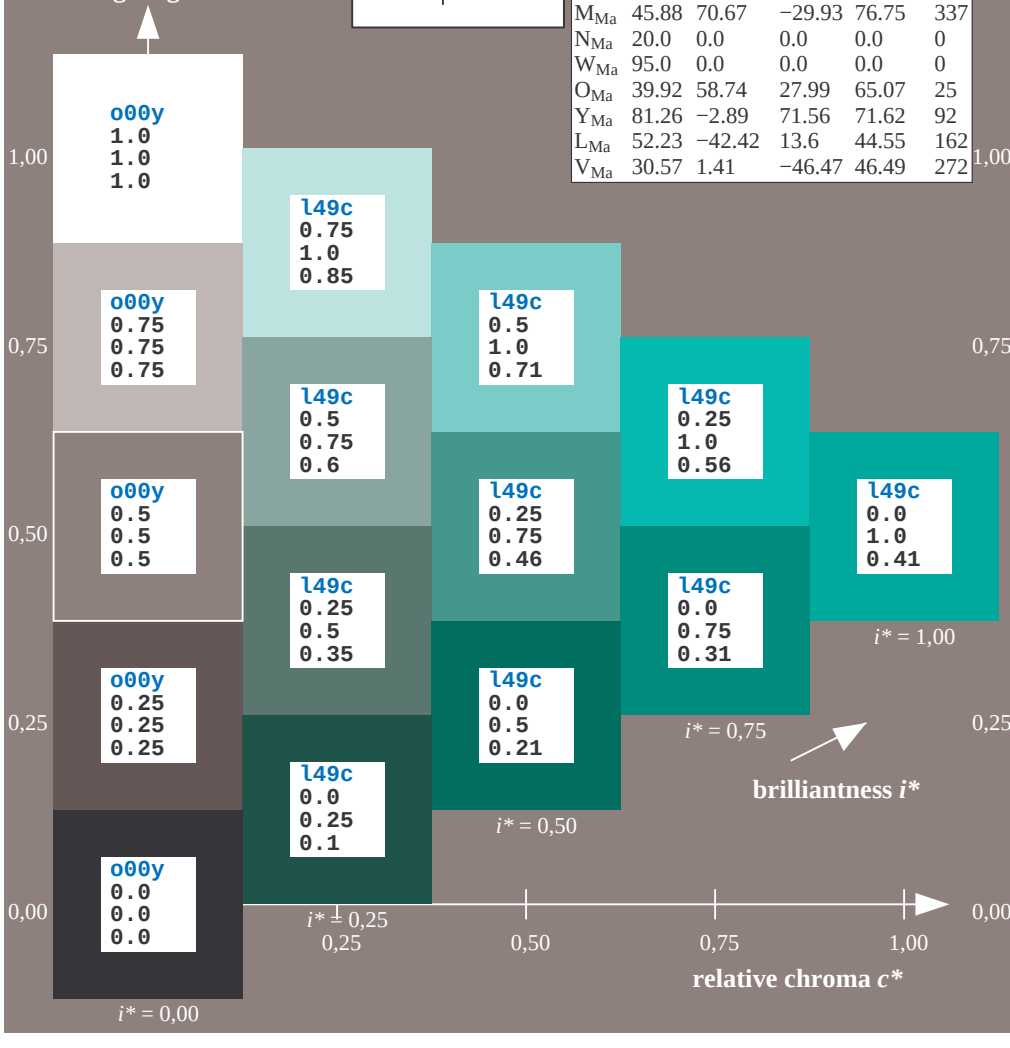
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 57 −37 −3**
***LAB*LCH*Ma*: 57 37 184**
***lab*olv*Ma*: 0.0 1.0 0.5**
***lab*rgb*Ma*: 0.0 1.0 0.41**
triangle lightness *t**

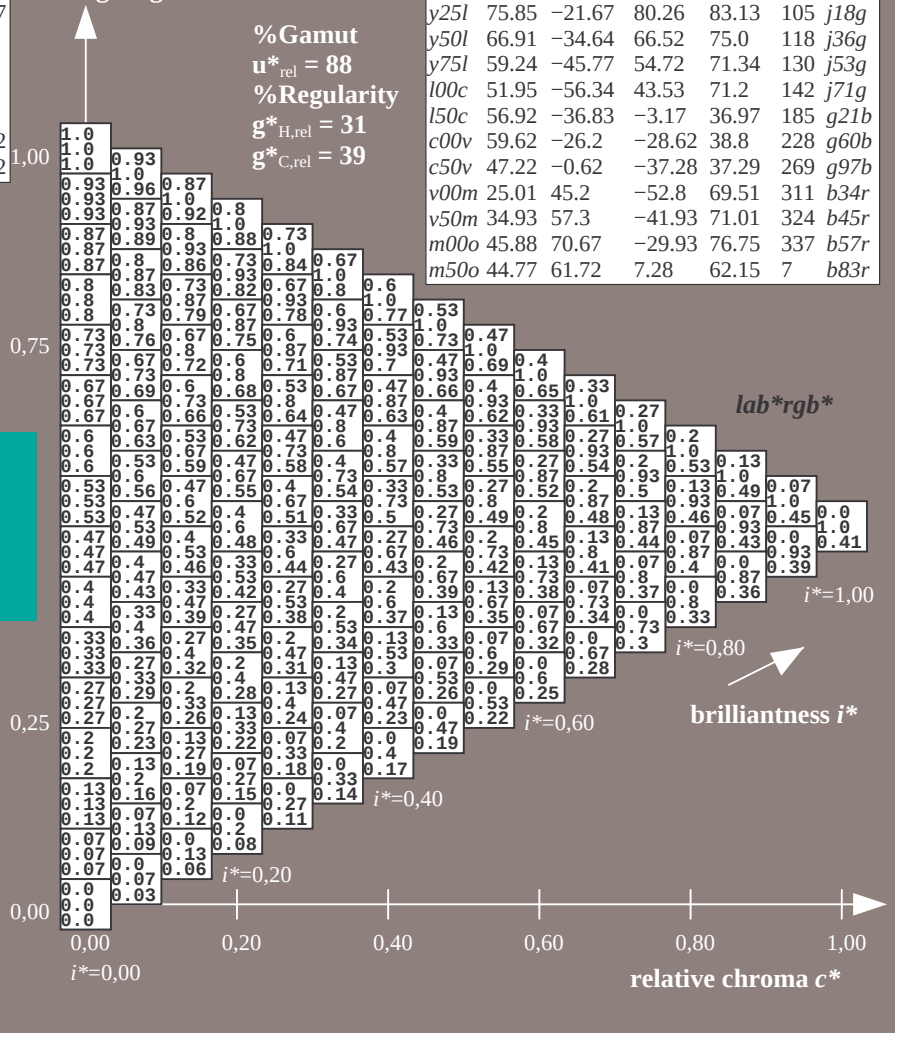
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *l50c*
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



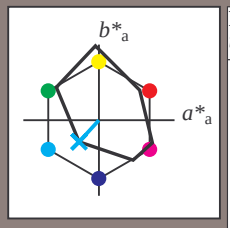


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g60b*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

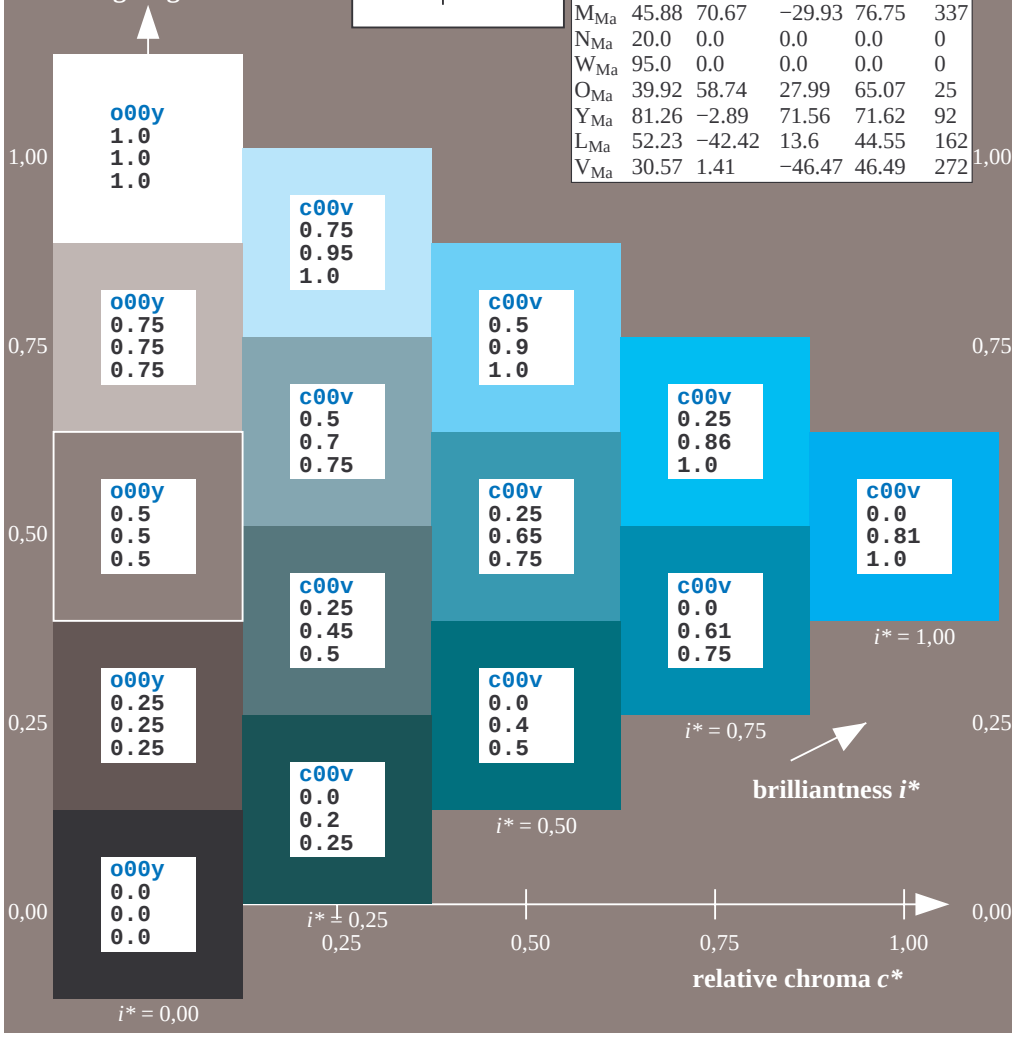
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 60 −26 −29**
***LAB*LCH*Ma*: 60 39 227**
***lab*olv*Ma*: 0.0 1.0 1.0**
***lab*rgb*Ma*: 0.0 0.81 1.0**
triangle lightness *t**

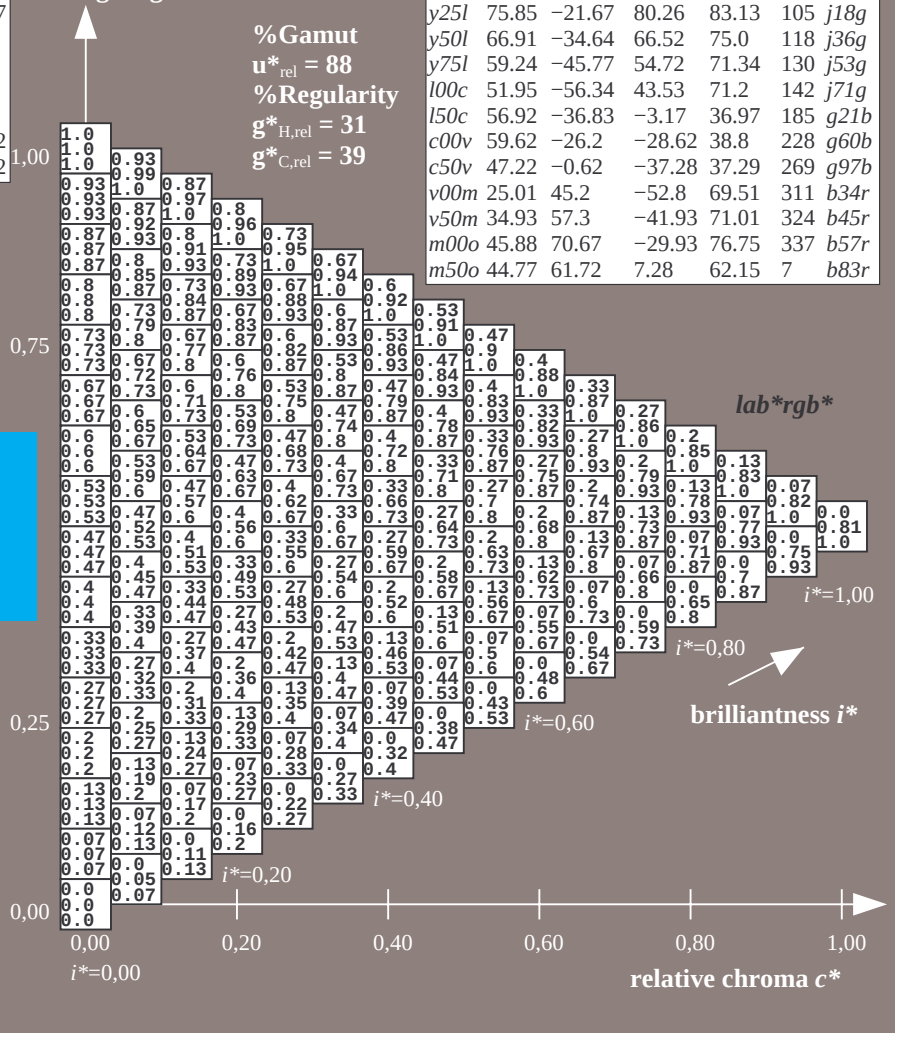
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

u^*_d = *c00v*
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



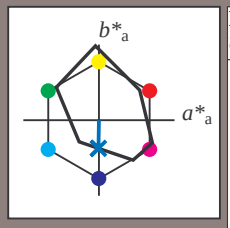


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g97b*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

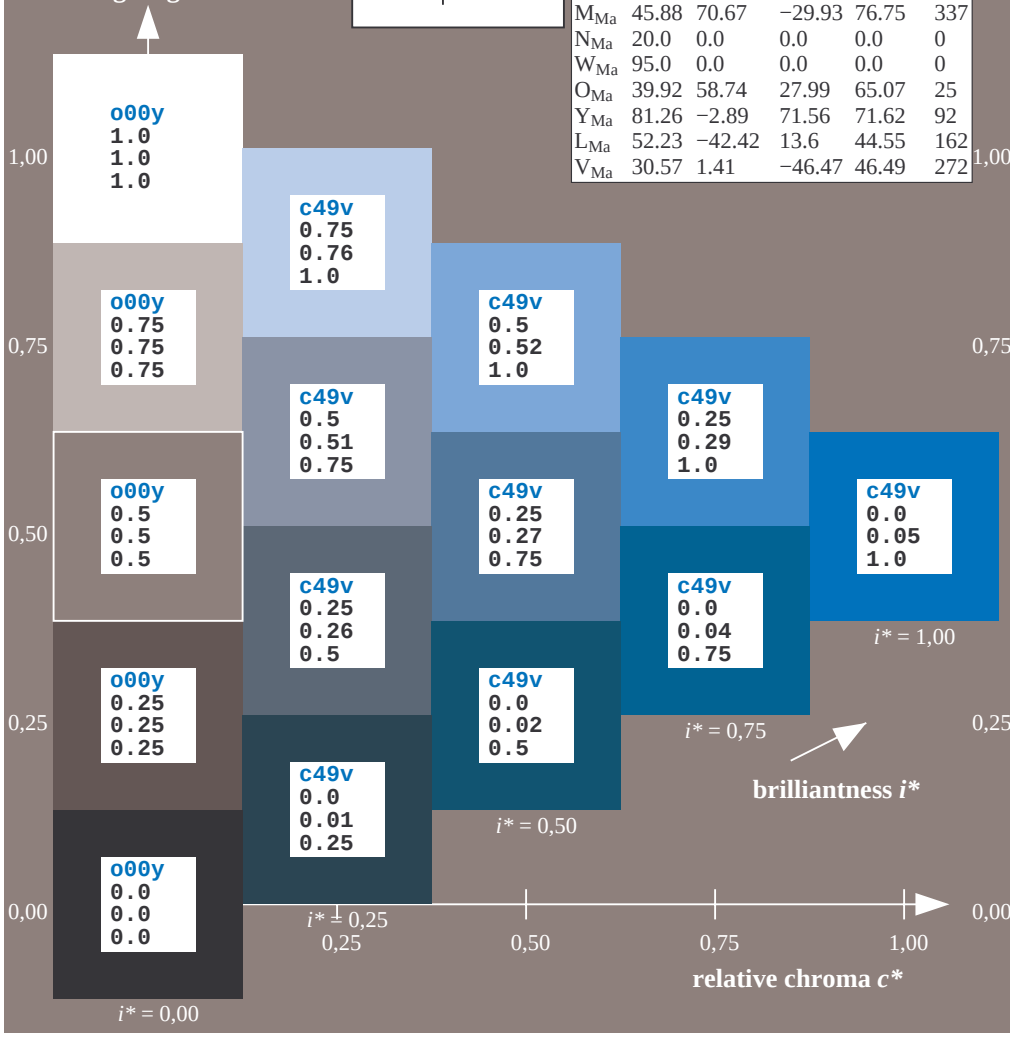
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 47 −1 −37**
***LAB*LCH*Ma*: 47 37 269**
***lab*olv*Ma*: 0.0 0.5 1.0**
***lab*rgb*Ma*: 0.0 0.05 1.0**
triangle lightness *t**

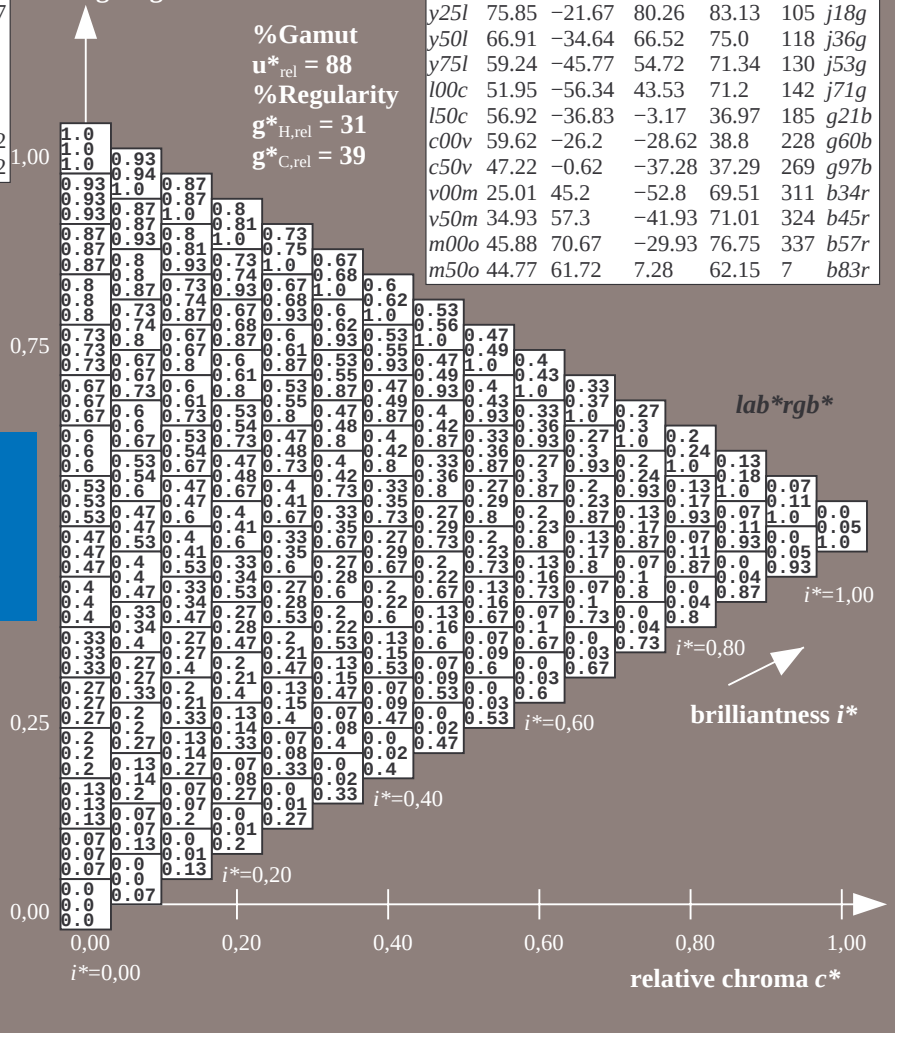
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *c50v*
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



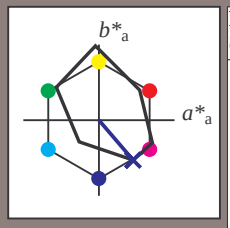


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b34r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

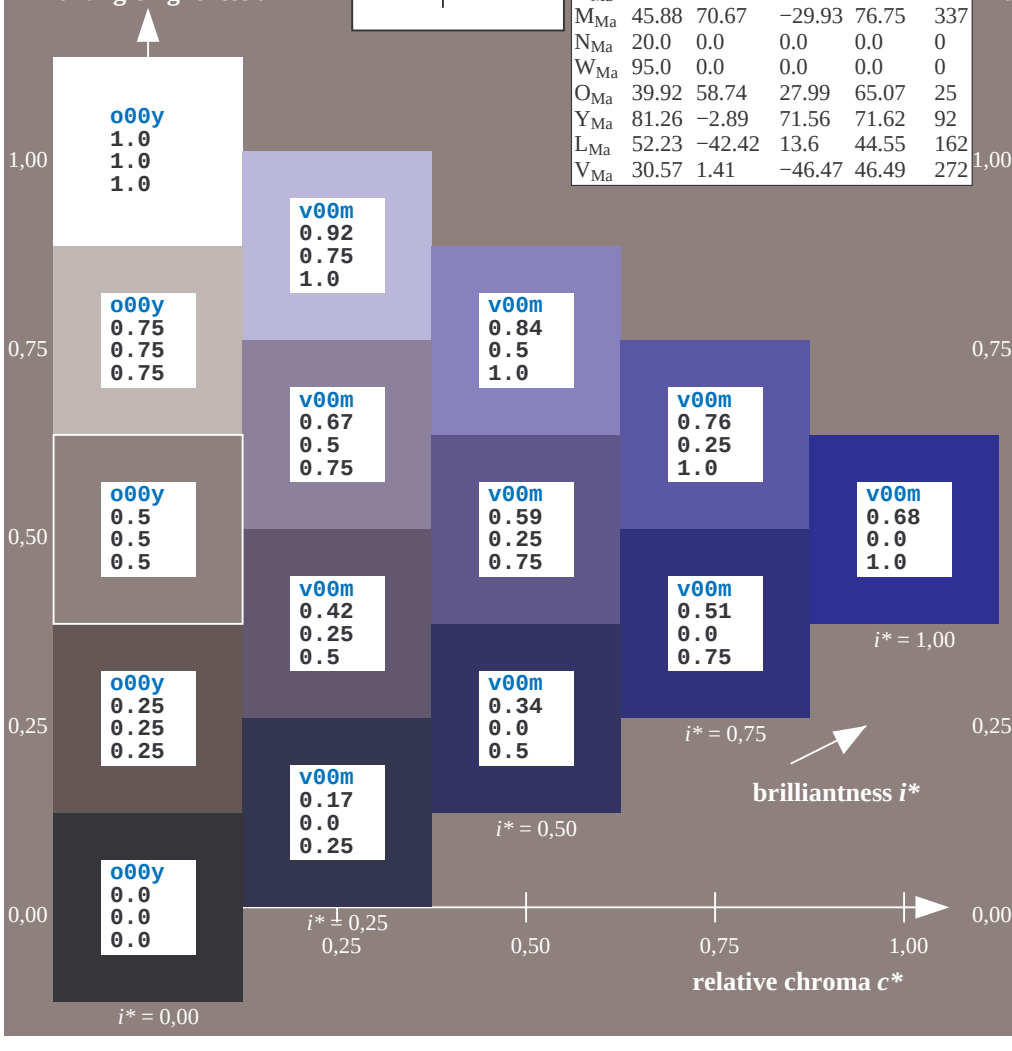
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 25 45 −53
*LAB*LCH**$_{Ma}$: 25 70 310
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.68 0.0 1.0
triangle lightness *t**

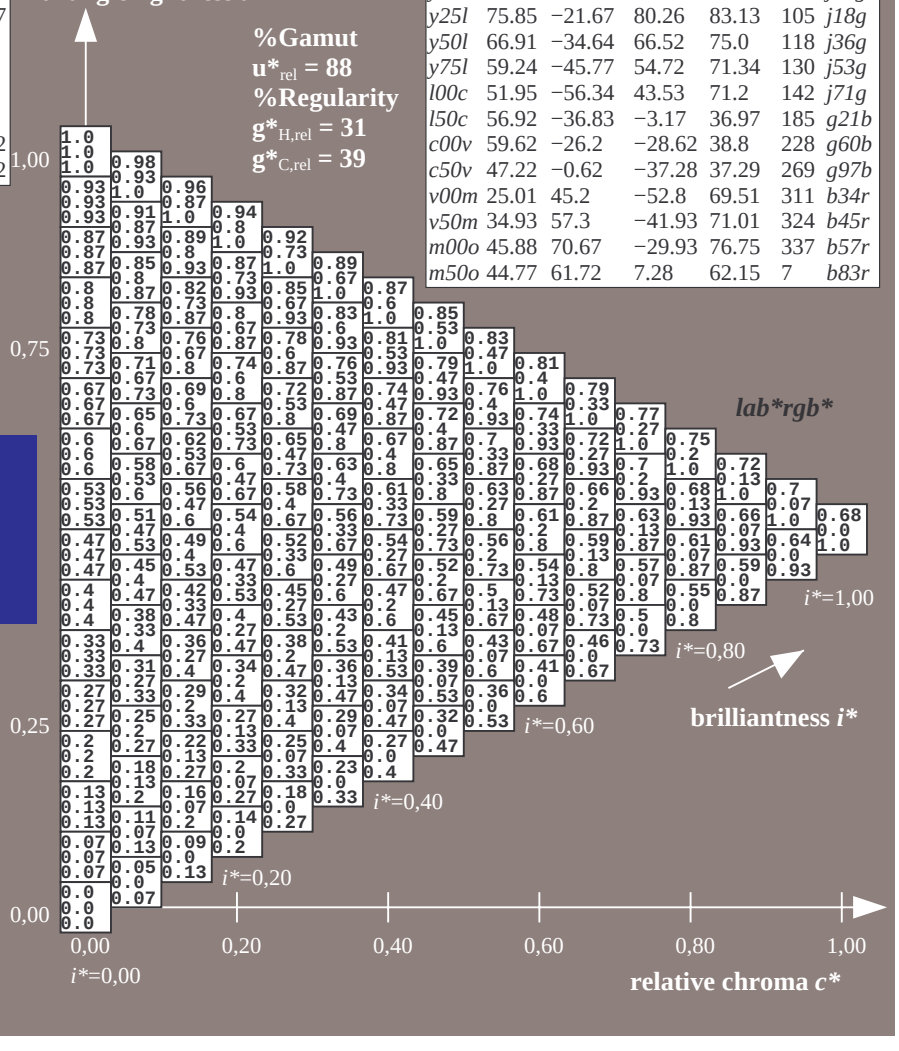
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *v00m*
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



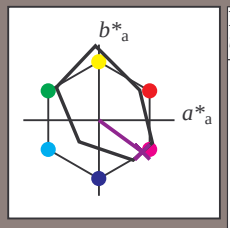


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b45r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

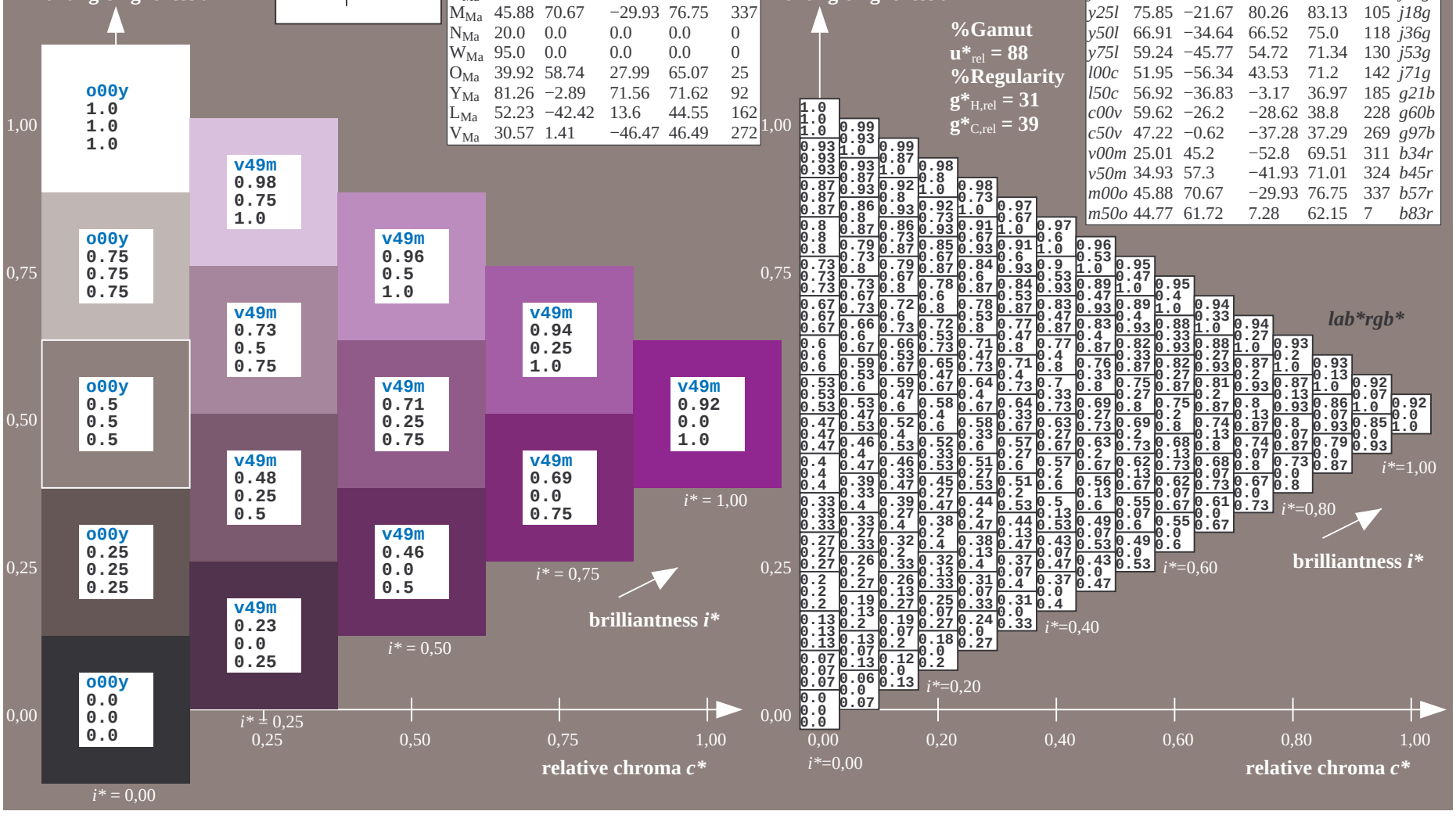
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 35 57 −42
*LAB*LCH**$_{Ma}$: 35 71 323
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.92 0.0 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *v50m*
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

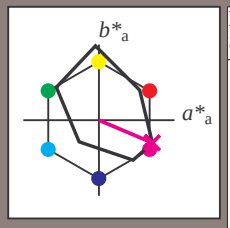


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b57r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

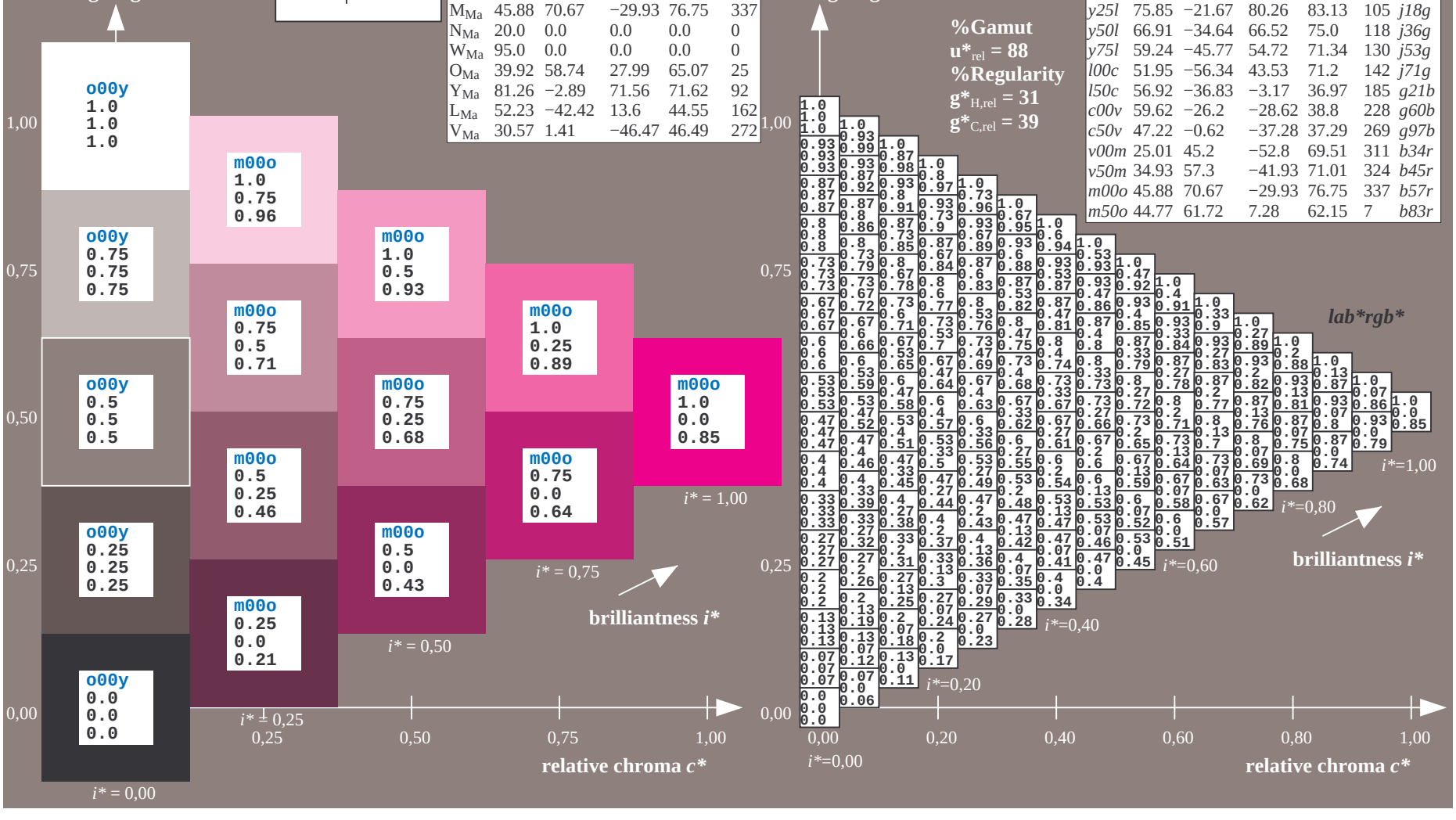
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 46 71 −30
*LAB*LCH**$_{Ma}$: 46 77 337
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.85
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *m00o*
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

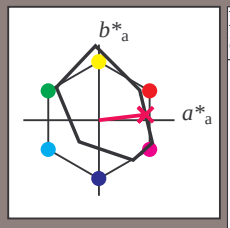


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b83r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

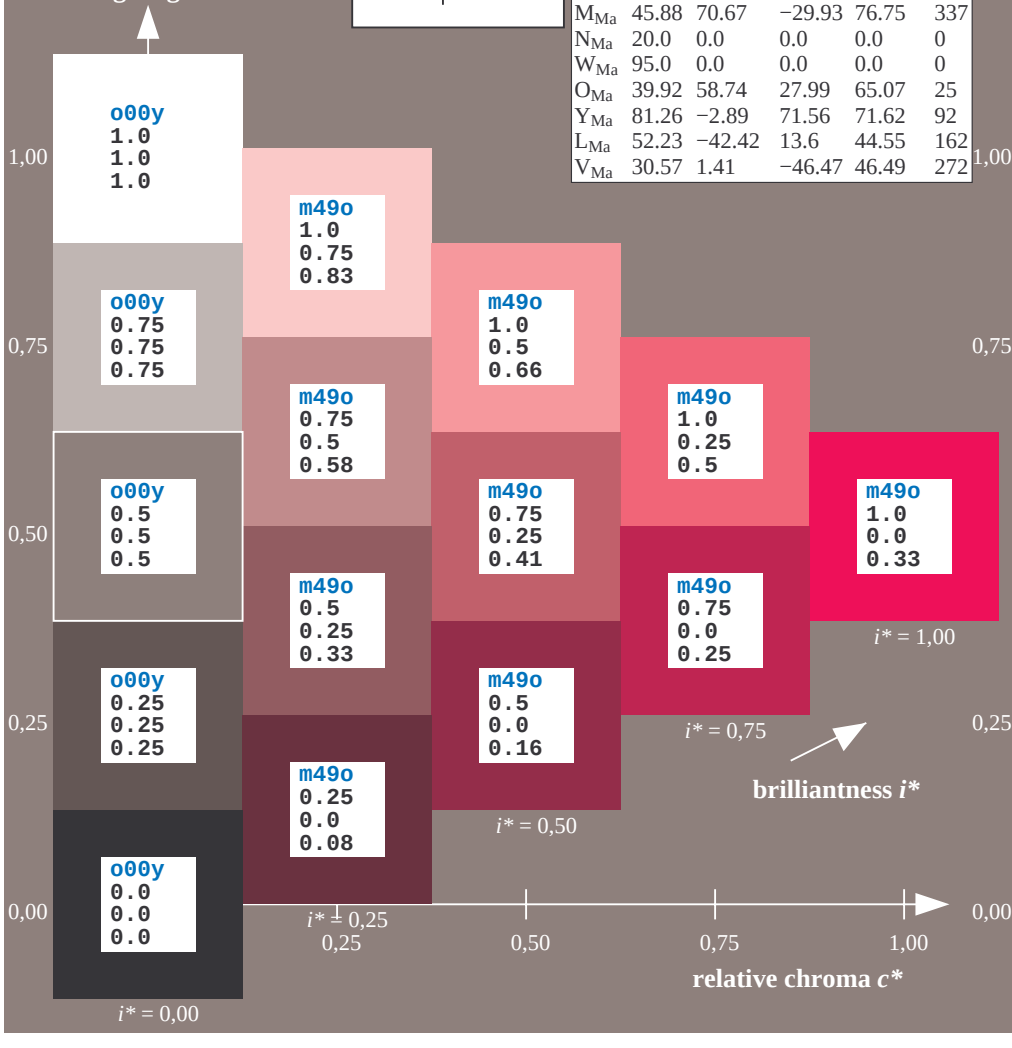
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 45 62 7
*LAB*LCH**$_{Ma}$: 45 62 6
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.33
triangle lightness *t**

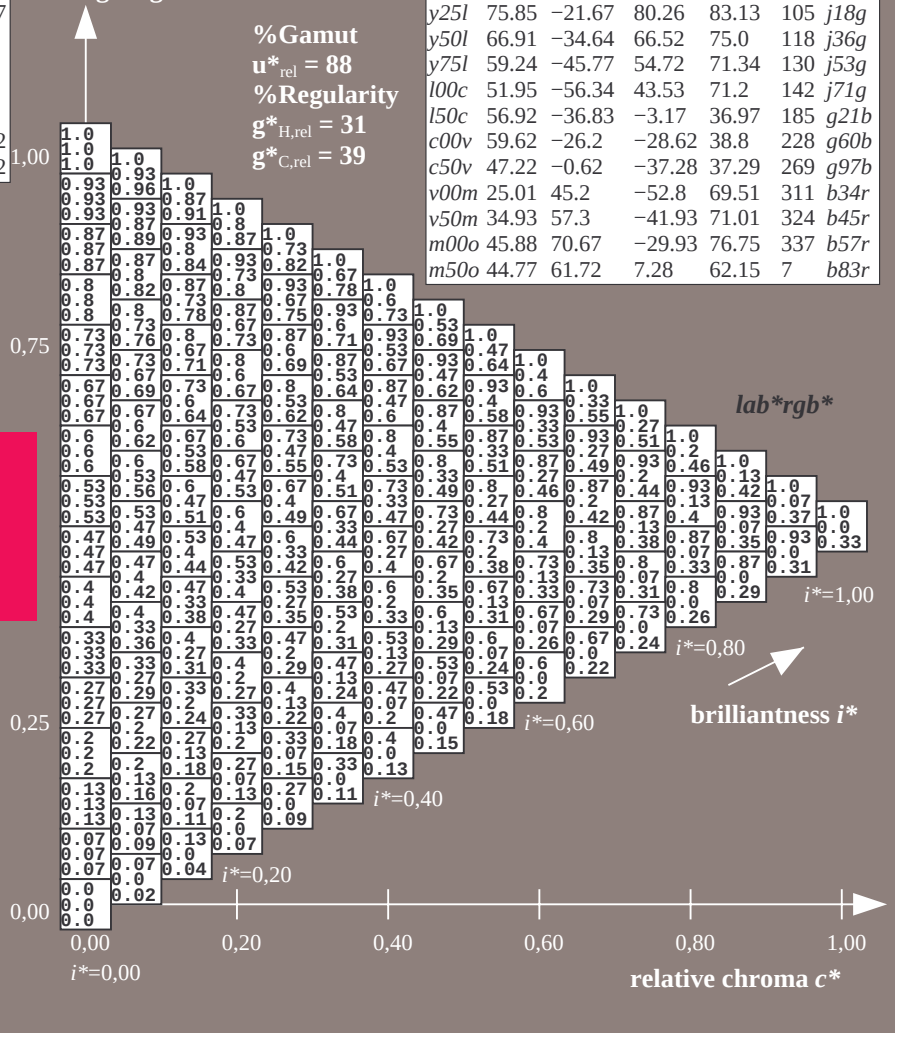
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *m50o*
*lab*rgb**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





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Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

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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
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
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	0.03 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
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
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
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 0.41	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
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 0.32 0.63	0.0 0.5 0.63	0.0 0.75 0.7	0.0 0.88 0.65	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 0.58	0.54 0.0 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 0.42 0.75	0.0 0.61 0.75	0.0 0.88 0.85	0.0 1.0 0.8	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 0.82	0.13 1.0 0.78	0.63 0.0 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 0.71 0.88	0.0 1.0 1.0	0.66 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 0.97	0.71 0.0 0.88
09	0.68 0.0 1.0	0.5 0.0 1.0	0.32 0.0 1.0	0.14 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 0.81 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
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	0.52 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
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 0.03	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
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 0.16	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	0.61 0.88 0.25	0.64 1.0 0.25	0.63 0.0 0.14
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
14	0.5 0.0 0.48	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 0.44	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
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
16	0.69 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	0.73 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
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
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	0.92 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
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
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
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 0.14 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
22	0.75 0.0 0.25	0.75 0.13 0.27	0.75 0.25 0.28	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 0.22	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
23	0.75 0.0 0.38	0.75 0.13 0.4	0.75 0.25 0.41	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 0.35	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
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 0.48	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
25	0.75 0.0 0.64	0.75 0.13 0.66	0.75 0.25 0.68	0.75 0.38 0.69	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 0.61	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
26	0.88 0.0 0.8	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 0.76	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
27	1.0 0.0 0.97	1.0 0.13 0.99	0.99 0.25 1.0	0.98 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 0.98	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

	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*rgb*		
01	0.25 0.15 0.0	0.25 0.25 0.0	0.28 0.38 0.0	0.32 0.5 0.0	0.36 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 0.15 0.13	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 0.13 0.23	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	0.35 0.13 0.38	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	0.28 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	0.44 0.13 0.5	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	0.52 0.13 0.63	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	0.61 0.13 0.75	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 0.86 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	0.7 0.13 0.88	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 0.57 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	0.78 0.13 1.0	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 0.67 1.0	0.25 0.86 1.0	0.0 0.81 1.0	0.0 0.71 0.88	0.0 0.61 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 0.21 0.0	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 0.21 0.13	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 0.13 0.16	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 0.13 0.29	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 0.13 0.42	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 0.13 0.55	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 0.13 0.72	0.75 0.25 0.73	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	0.87 0.13 0.88	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	0.96 0.13 1.0	0.94 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 0.27 0.0	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 0.8 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 0.27 0.13	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 0.16 0.13	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 0.13 0.22	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 0.94	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 0.13 0.35	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 0.13 0.48	1.0 0.25 0.5	1.0 0.38 0.52	1.0 0.5 0.53	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 0.69	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 0.13 0.61	1.0 0.25 0.63	1.0 0.38 0.65	1.0 0.5 0.66	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 0.13 0.74	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 0.76	0.75 0.13 0.66	0.63 0.13 0.55	0.5 0.13 0.44	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 0.13 0.87	1.0 0.25 0.89	1.0 0.38 0.91	1.0 0.5 0.93	1.0 0.63 0.94	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 0.81 1.0	0.68 0.0 1.0	1.0 0.0 0.85

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

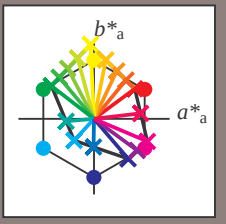
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System FRS12_95a
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 = 0.9

FRS12_95a; adapted (a) CIELAB data

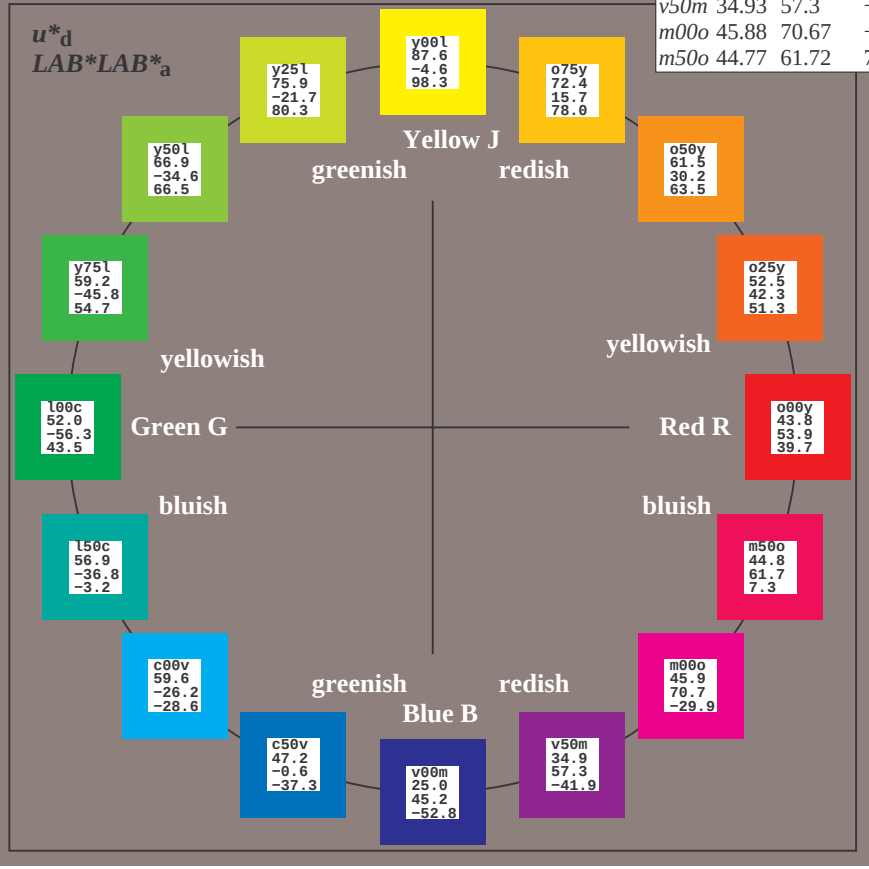
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

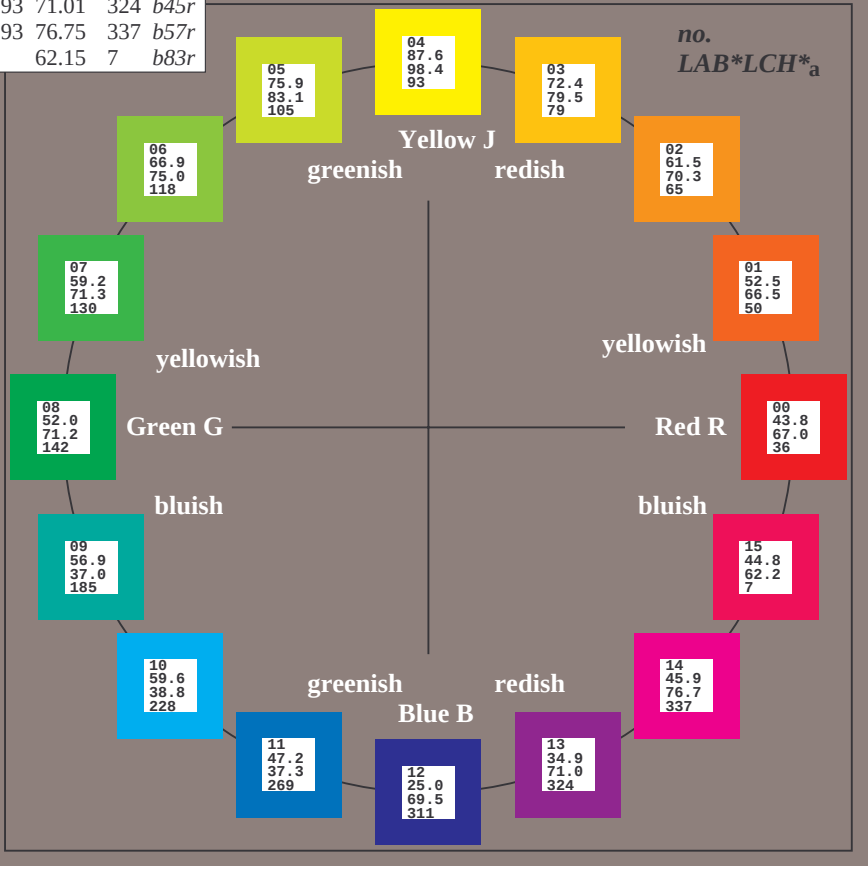


%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

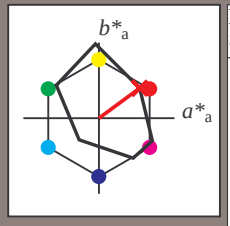




Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

$u^*_d = o00y$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data

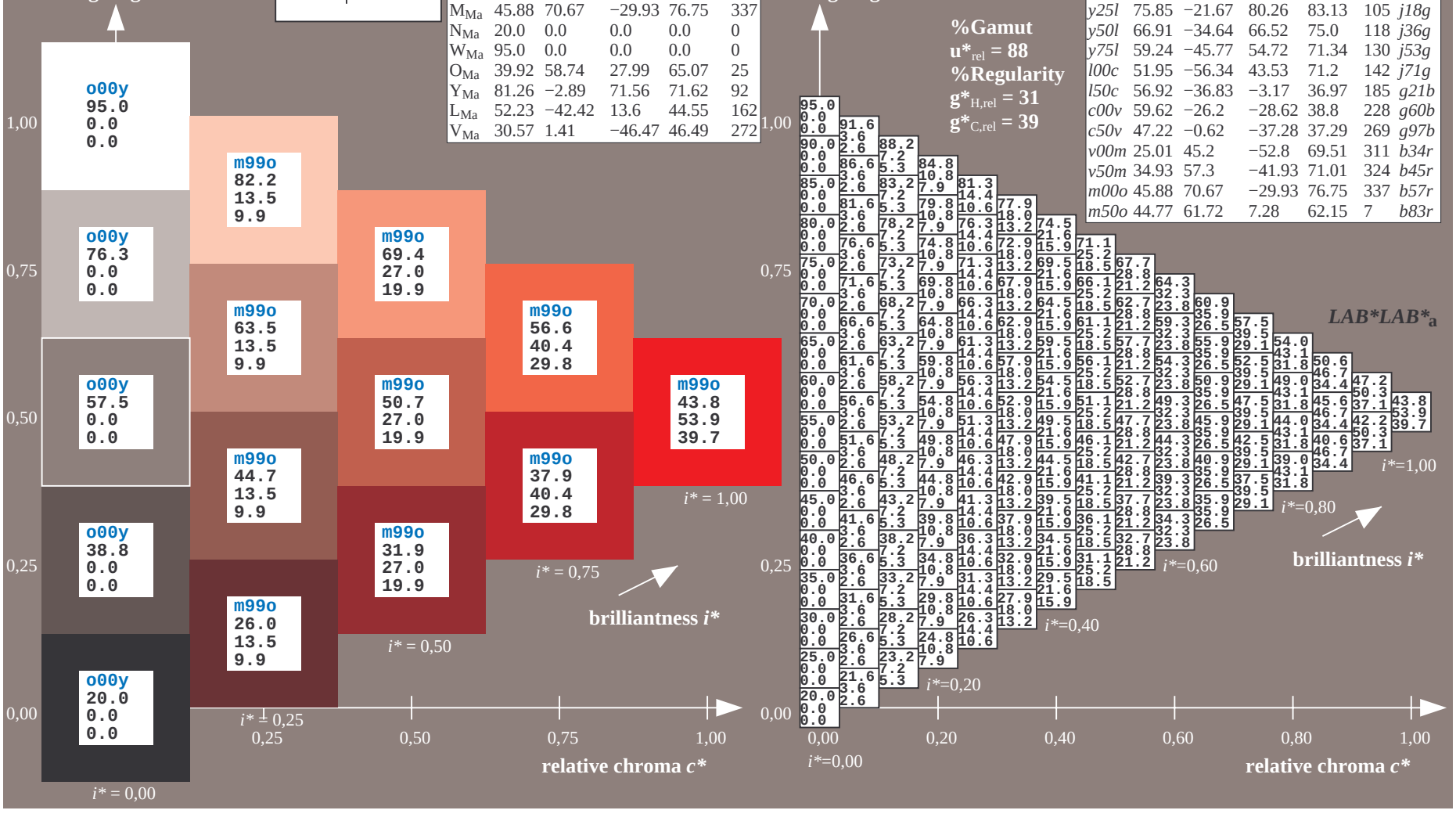
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 54 40
$LAB^*LCH^*_{Ma}$: 44 67 36
$lab^*olv^*_{Ma}$: 1.0 0.0 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

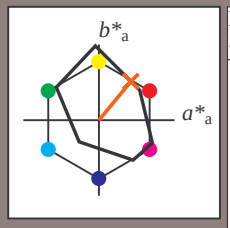


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r37j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

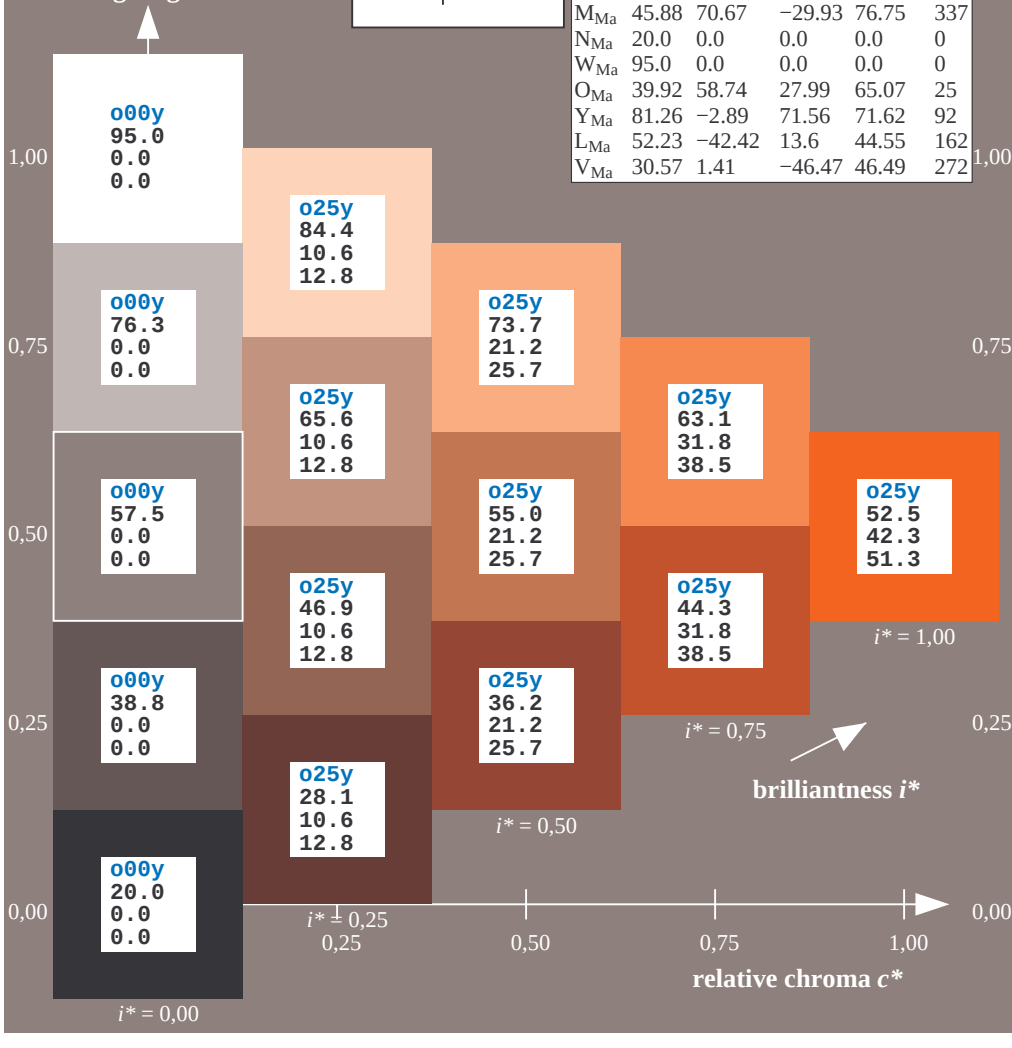
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 42 51
*LAB*LCH**$_{Ma}$: 52 67 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

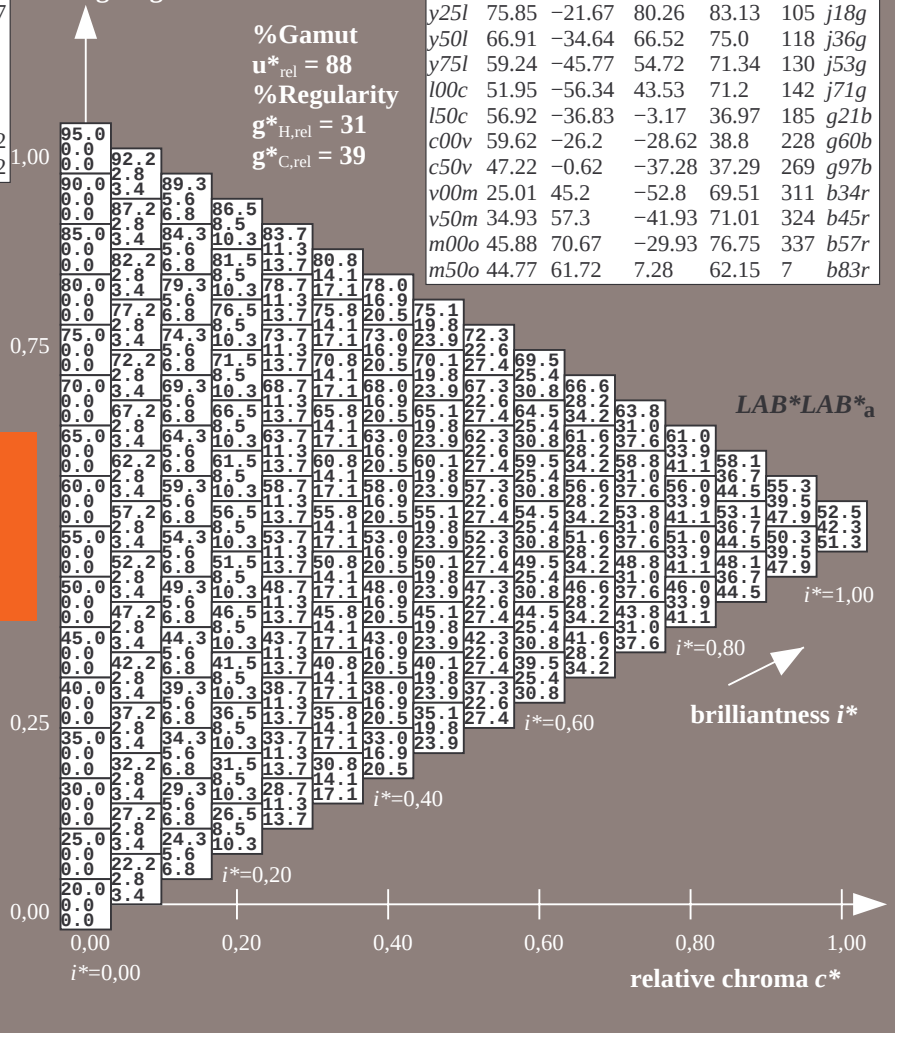
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o25y*
*LAB*LAB**$_a$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



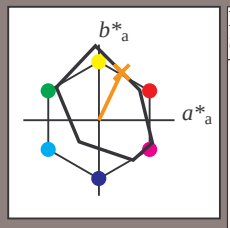


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r58j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

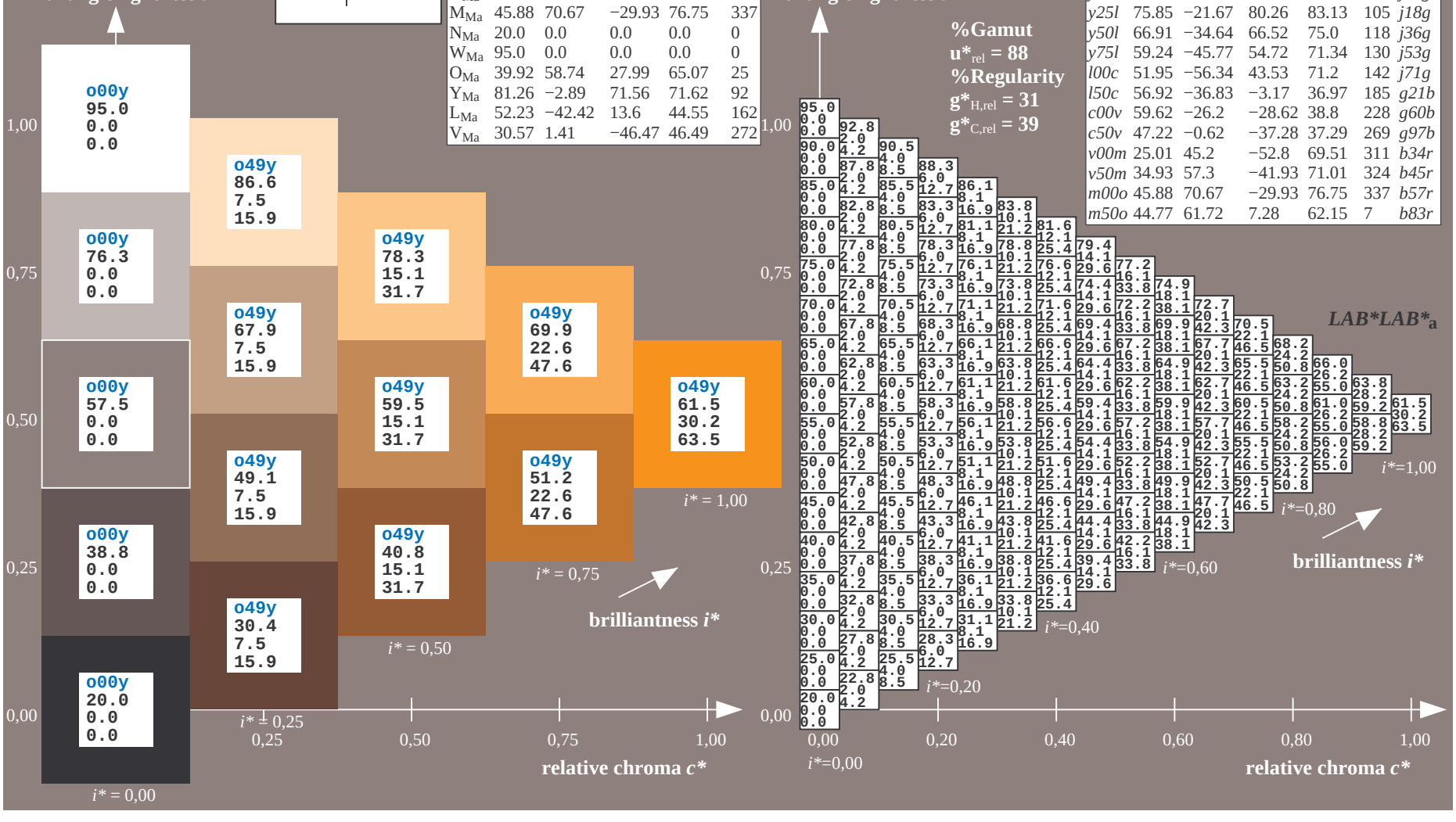
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 62 30 63
***LAB*LCH**$_{Ma}$: 62 70 64
***lab*olv**$_{Ma}$: 1.0 0.5 0.0
***lab*rgb**$_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o50y*
***LAB*LAB**$_a$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

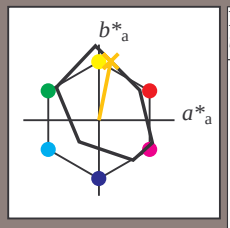


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r79j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

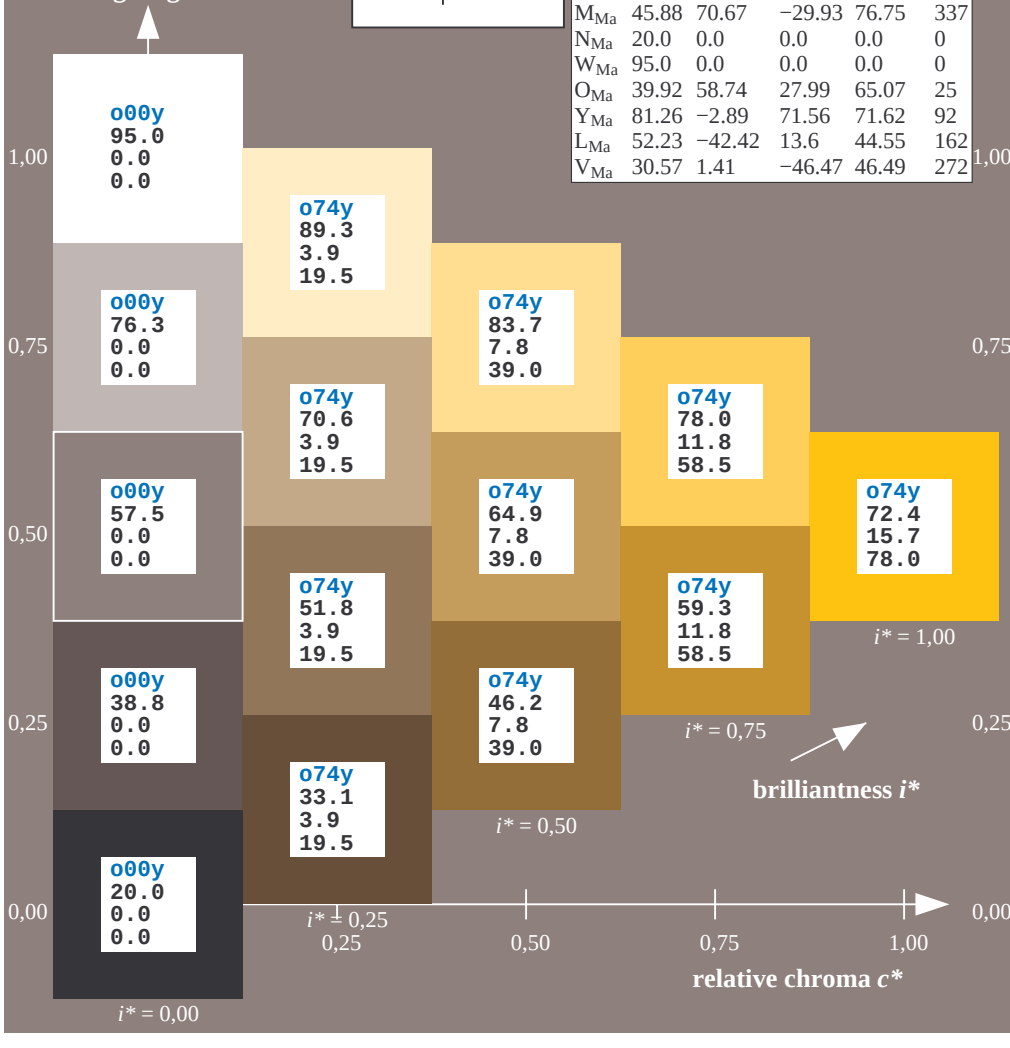
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 72 16 78
*LAB*LCH**$_{Ma}$: 72 80 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.8 0.0
triangle lightness *t**

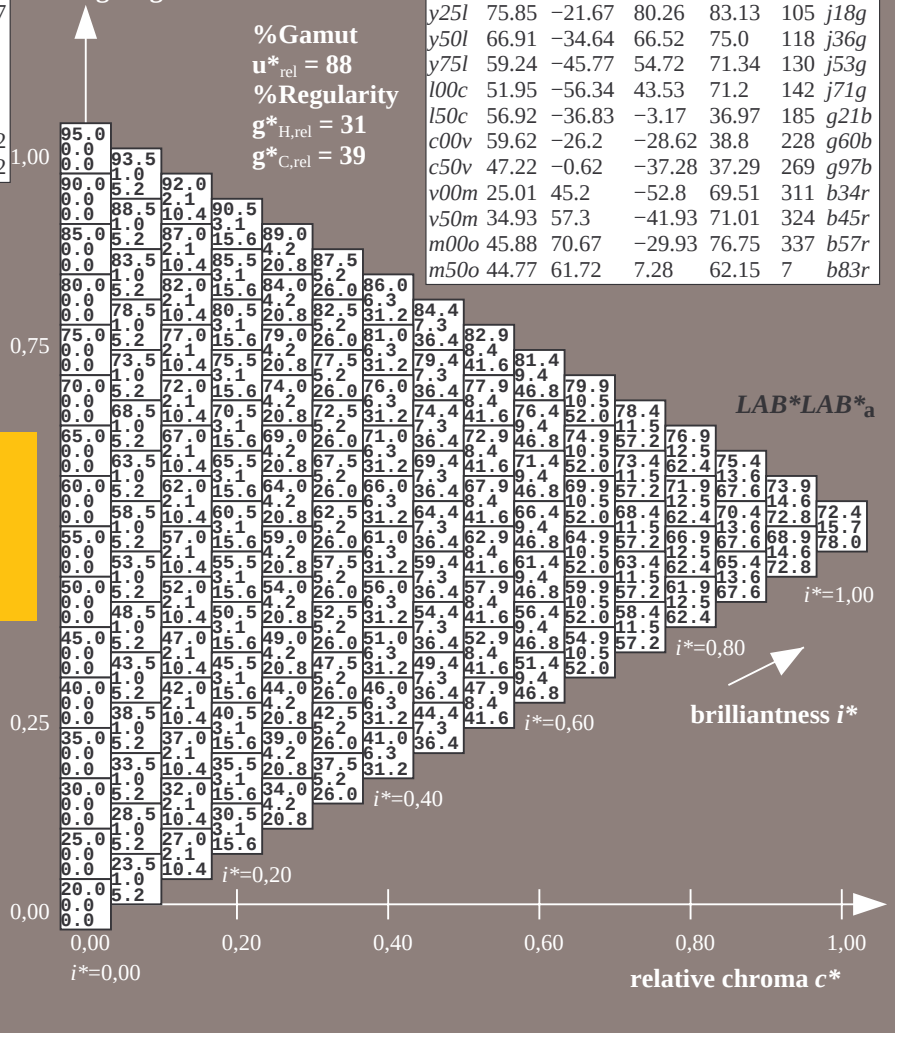
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o75y*
*LAB*LAB**$_a$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





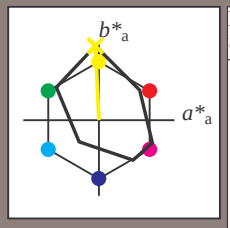
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

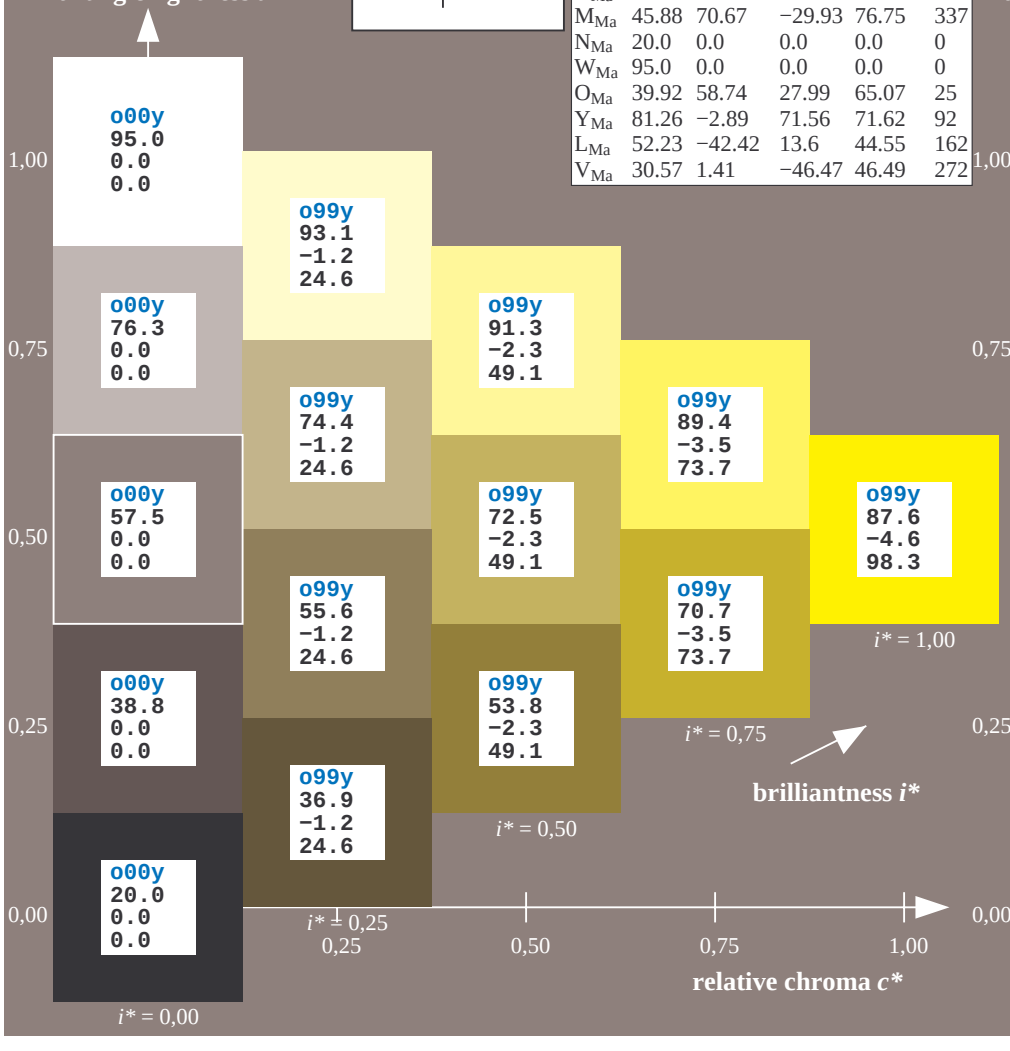
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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

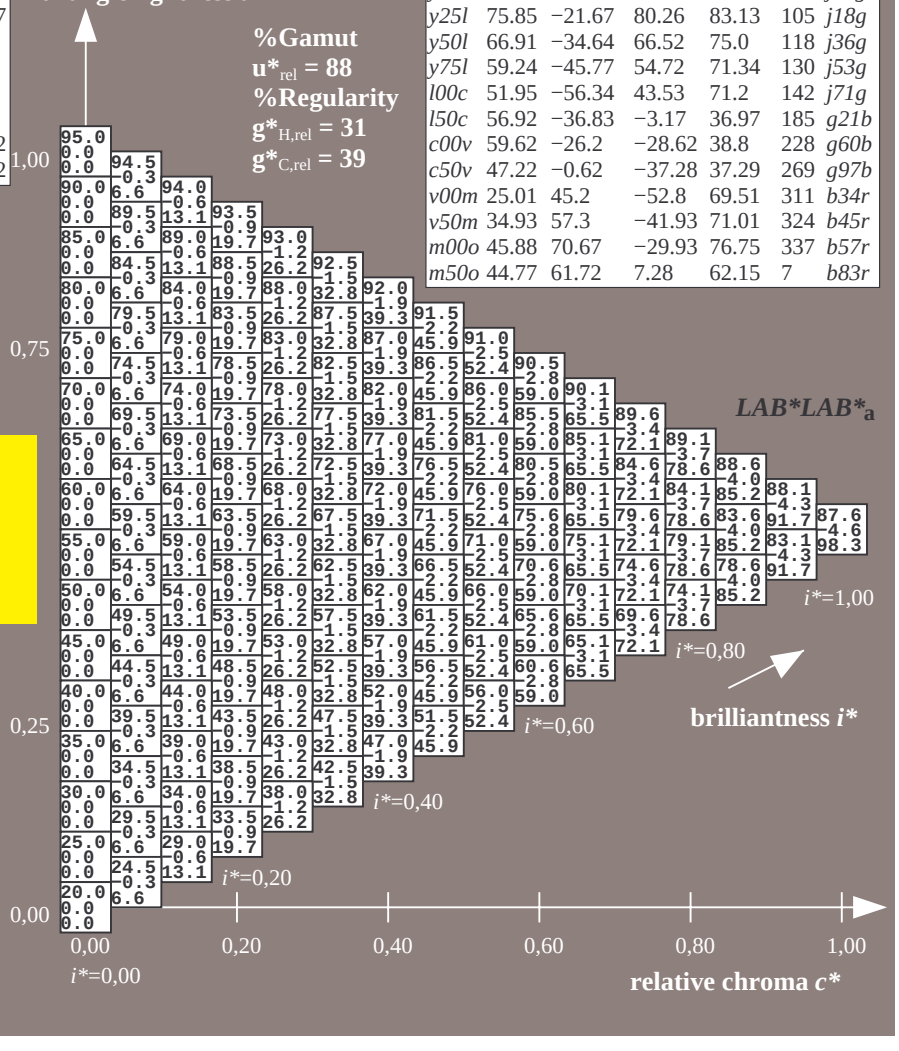
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 88 −5 98
$LAB^*LCH^*_{Ma}$: 88 98 92
$lab^*olv^*_{Ma}$: 1.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



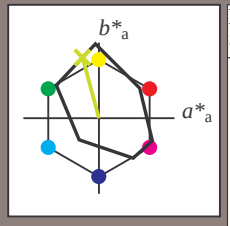


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

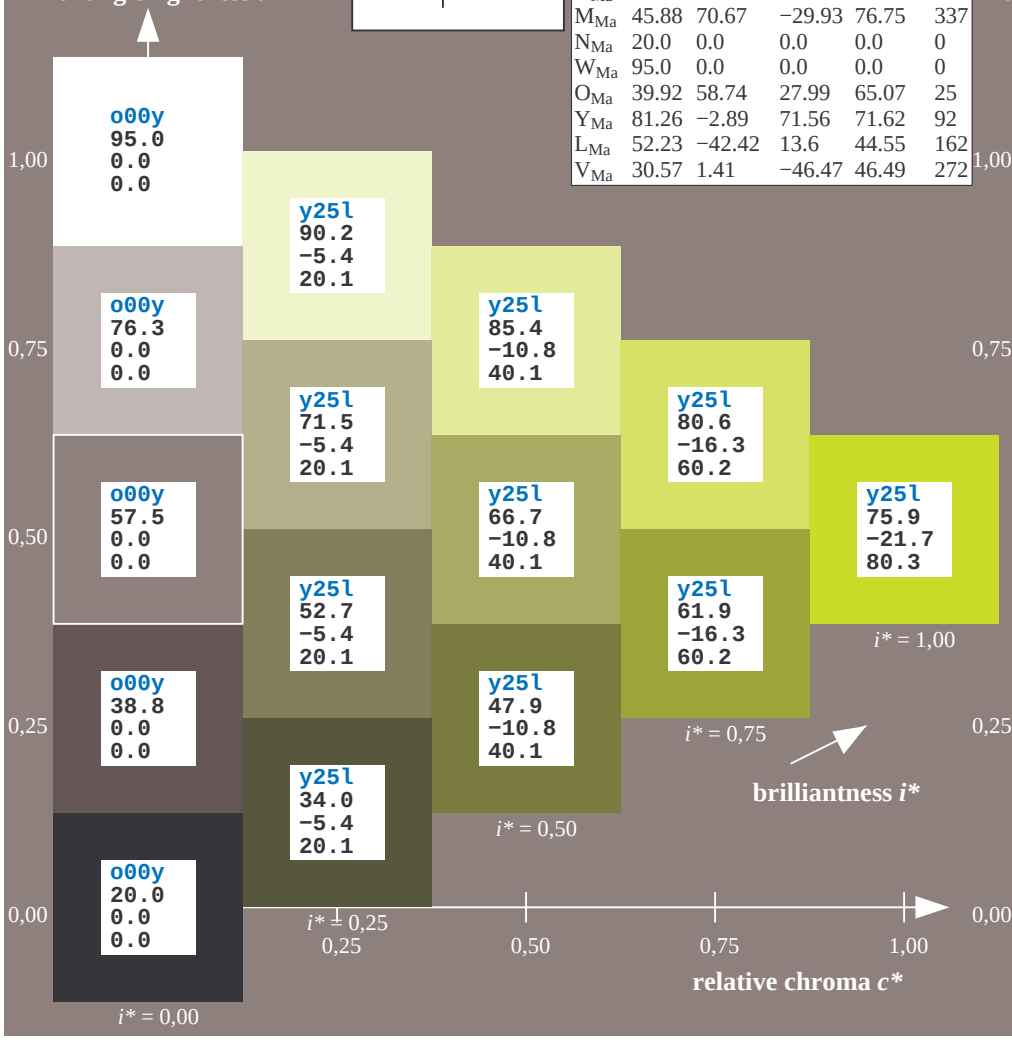
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 76 −22 80**
***LAB*LCH**$_{Ma}$: 76 83 105**
***lab*olv**$_{Ma}$: 0.75 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.82 1.0 0.0**
triangle lightness *t**

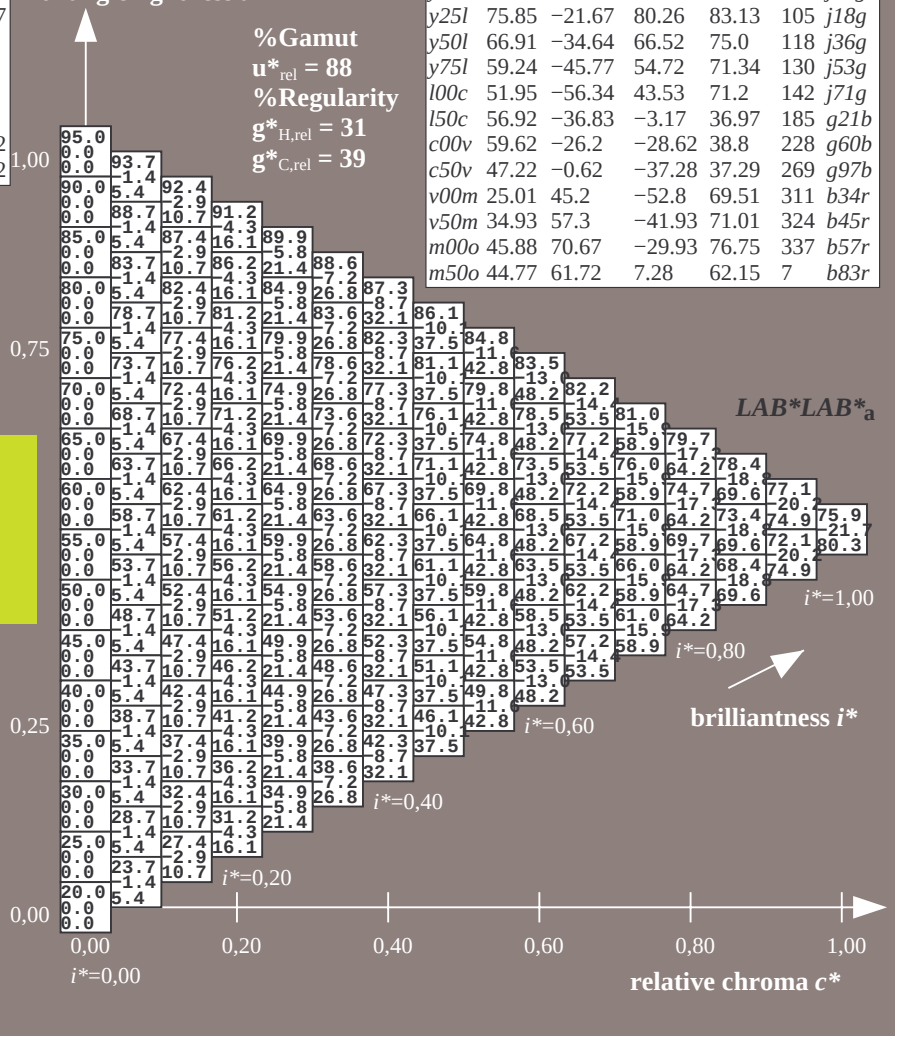
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y25l$
***LAB*LAB**$_a$**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





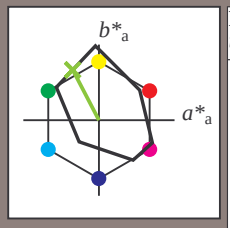
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

$u^*_d = y50l$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data

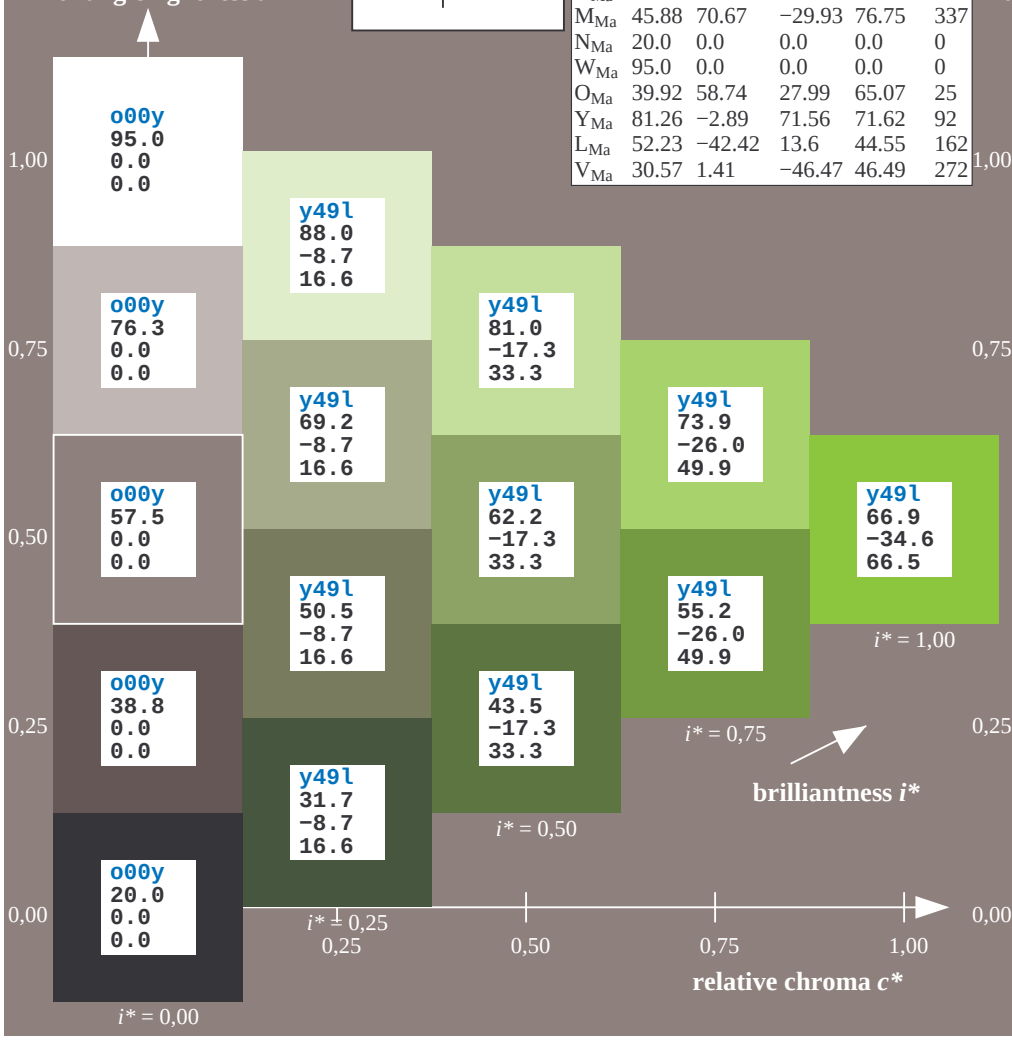
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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

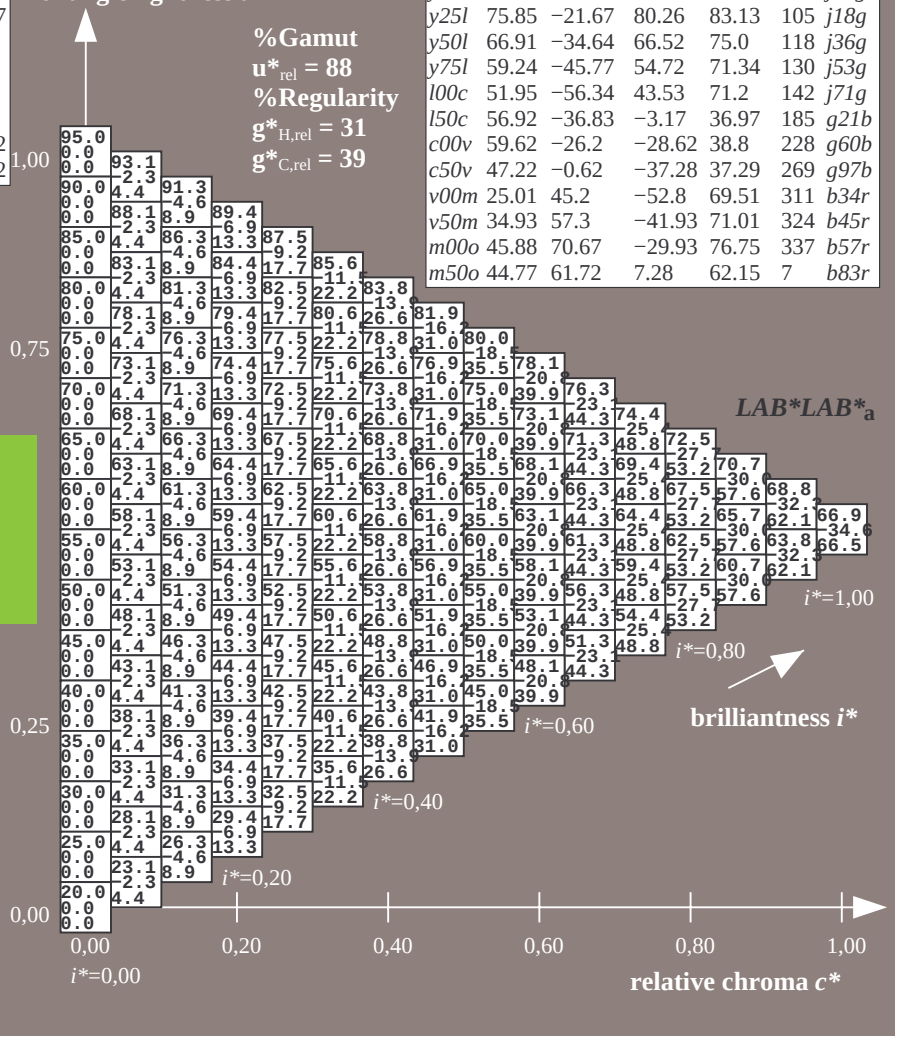
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 67 −35 67
$LAB^*LCH^*_{Ma}$: 67 75 117
$lab^*olv^*_{Ma}$: 0.5 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



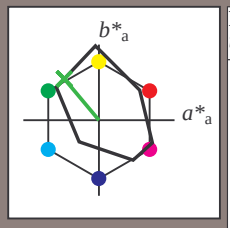


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

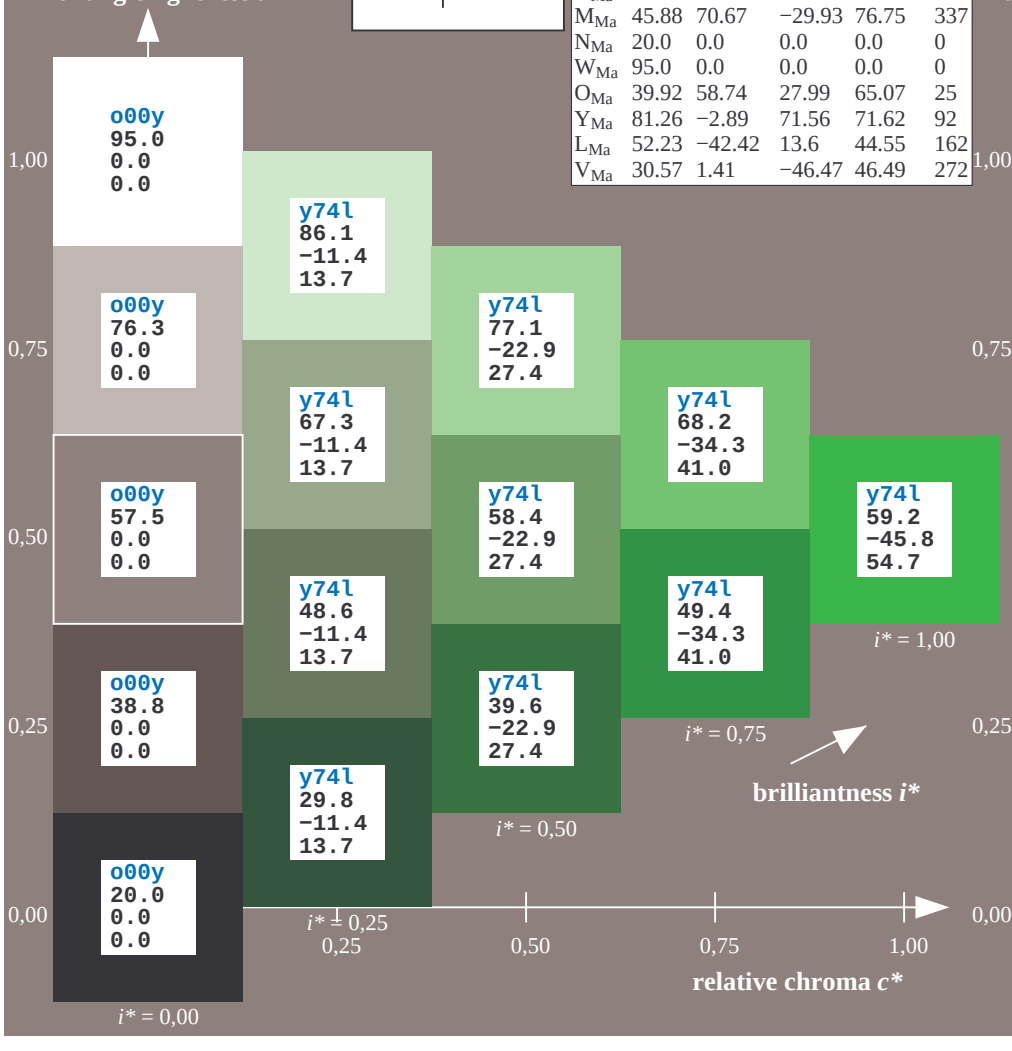
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 59 −46 55**
***LAB*LCH**$_{Ma}$: 59 71 129**
***lab*olv**$_{Ma}$: 0.25 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.46 1.0 0.0**
triangle lightness *t**

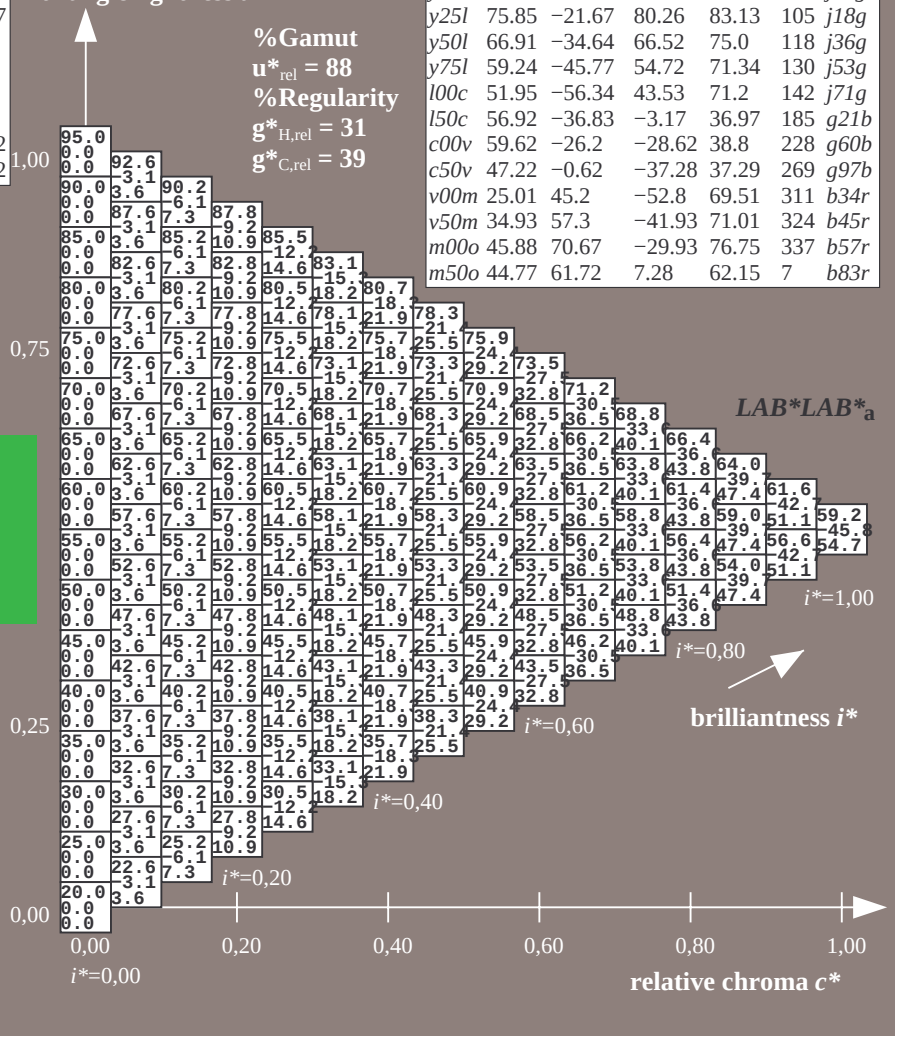
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y75l$
***LAB*LAB**$_a$**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





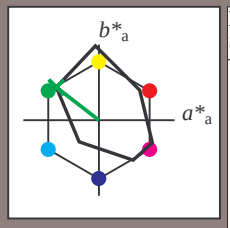
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

$u^*_d = l00c$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



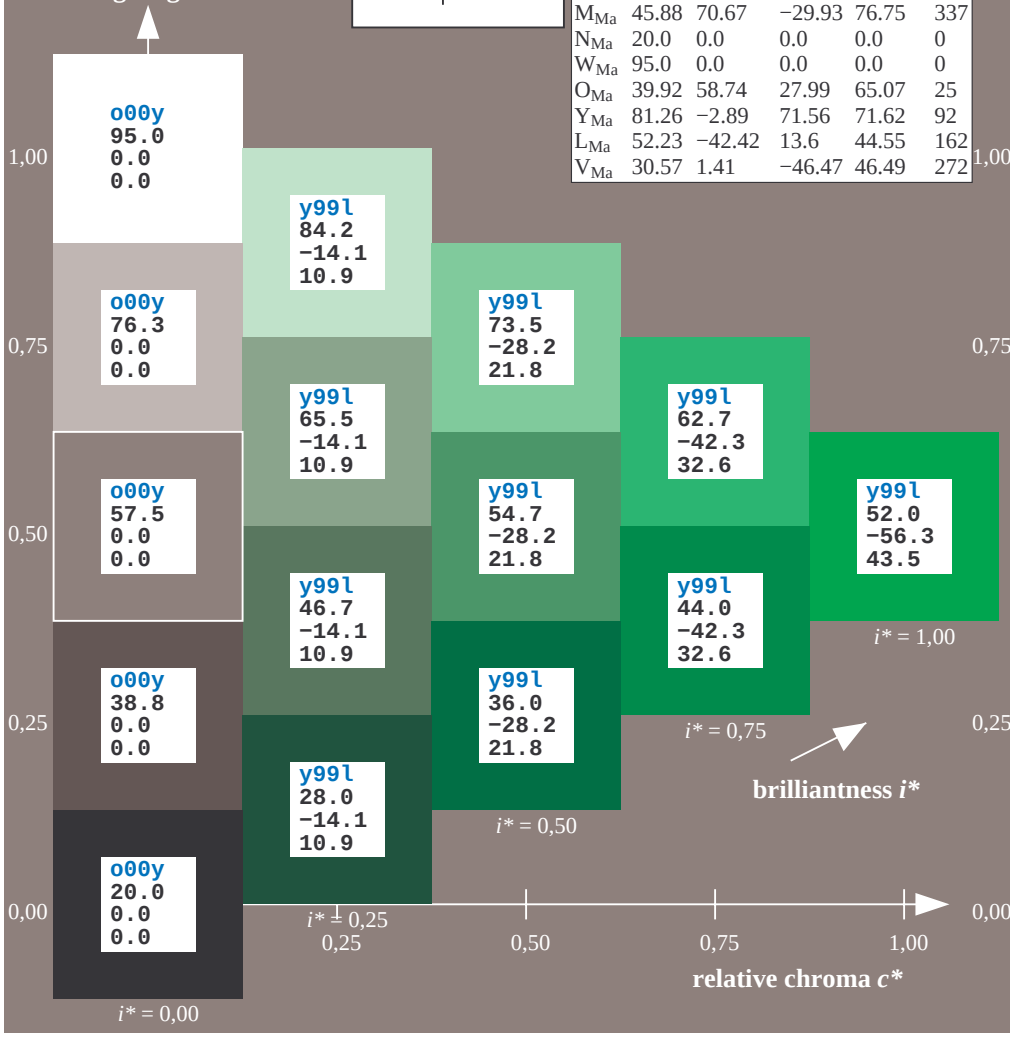
FRS12_95a; adapted (a) CIELAB data

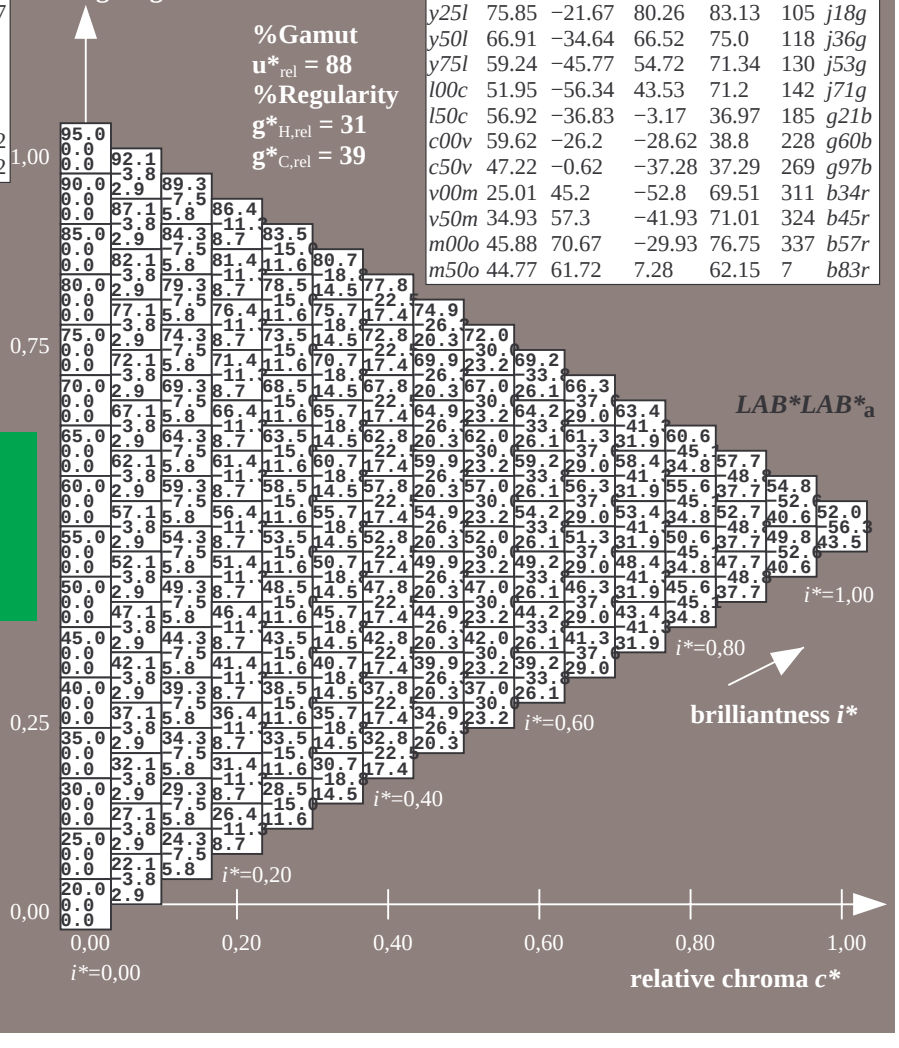
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 −56 44
$LAB^*LCH^*_{Ma}$: 52 71 142
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



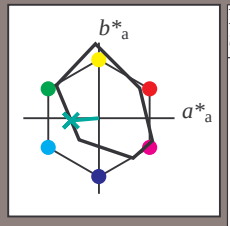


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

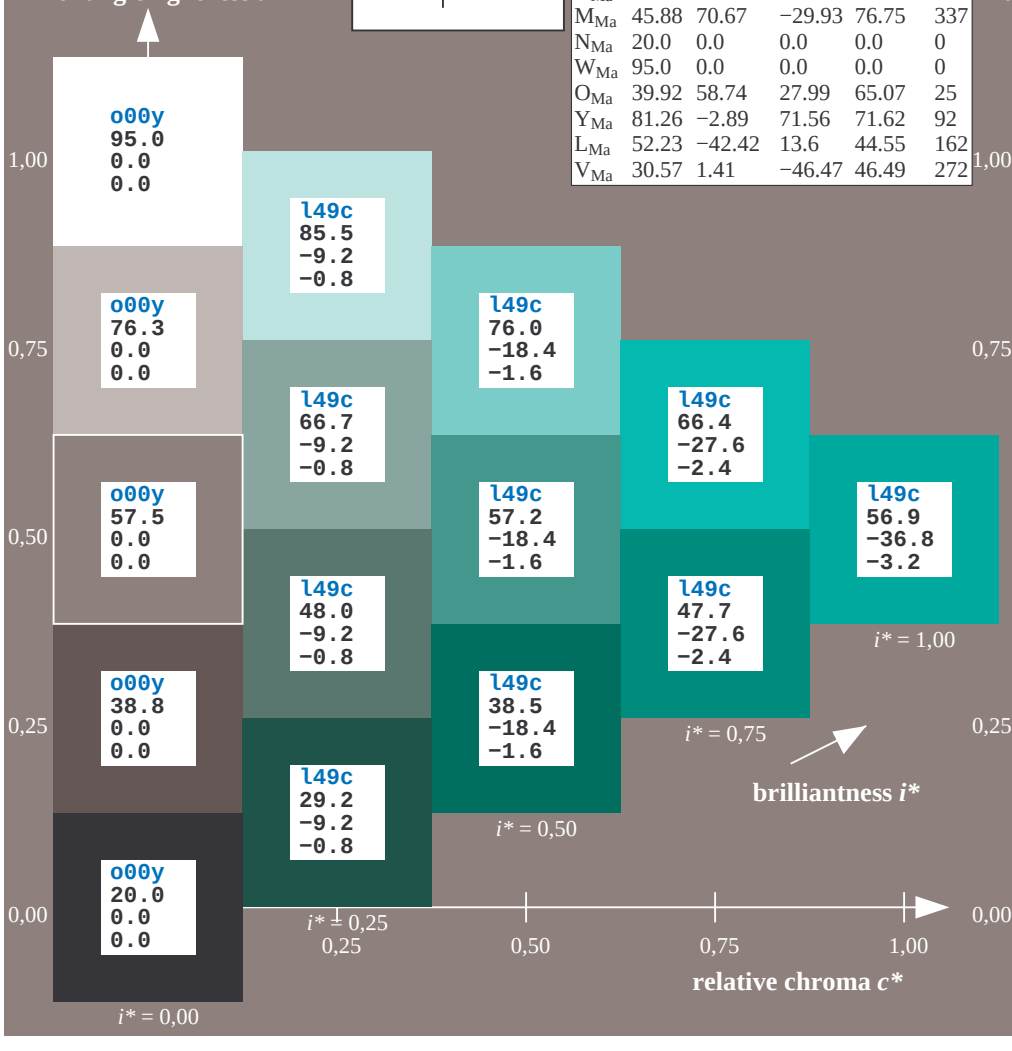
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 57 −37 −3**
***LAB*LCH**$_{Ma}$: 57 37 184**
***lab*olv**$_{Ma}$: 0.0 1.0 0.5**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.41**
triangle lightness *t**

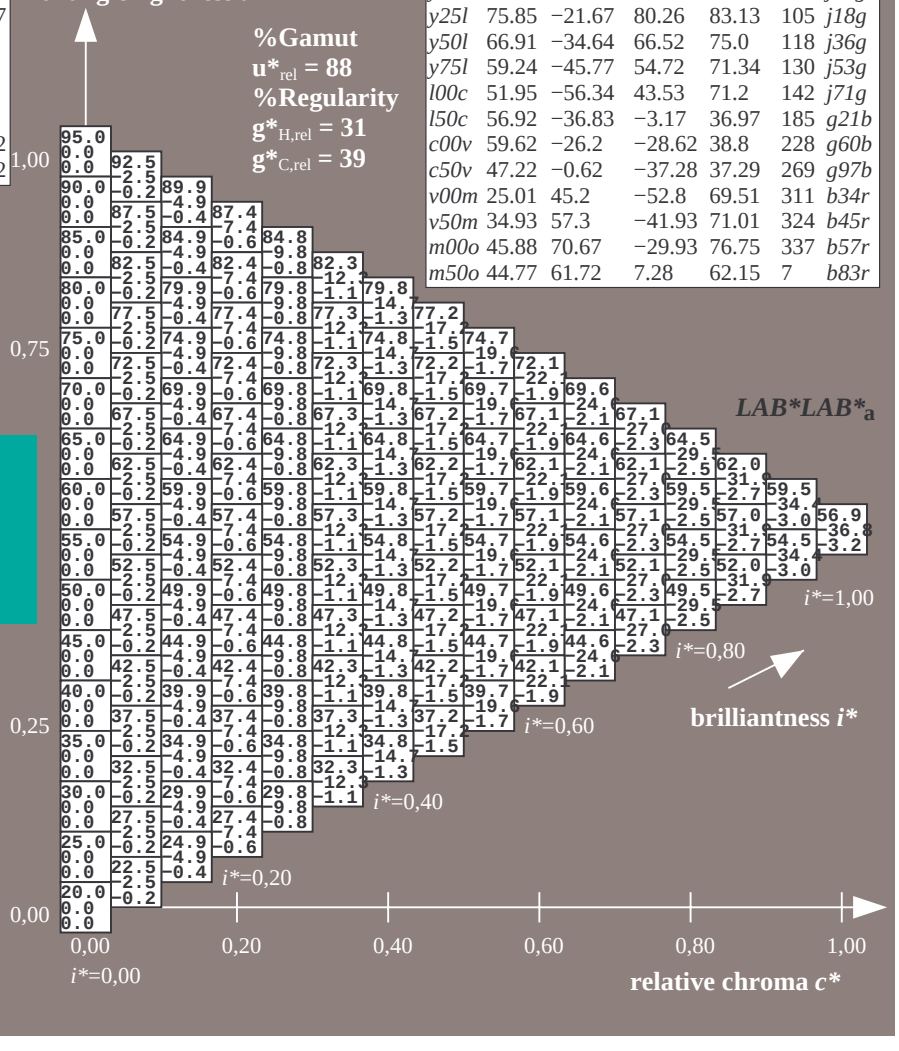
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = l50c$
***LAB*LAB**$_a$**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





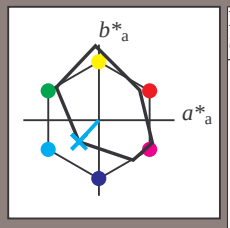
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



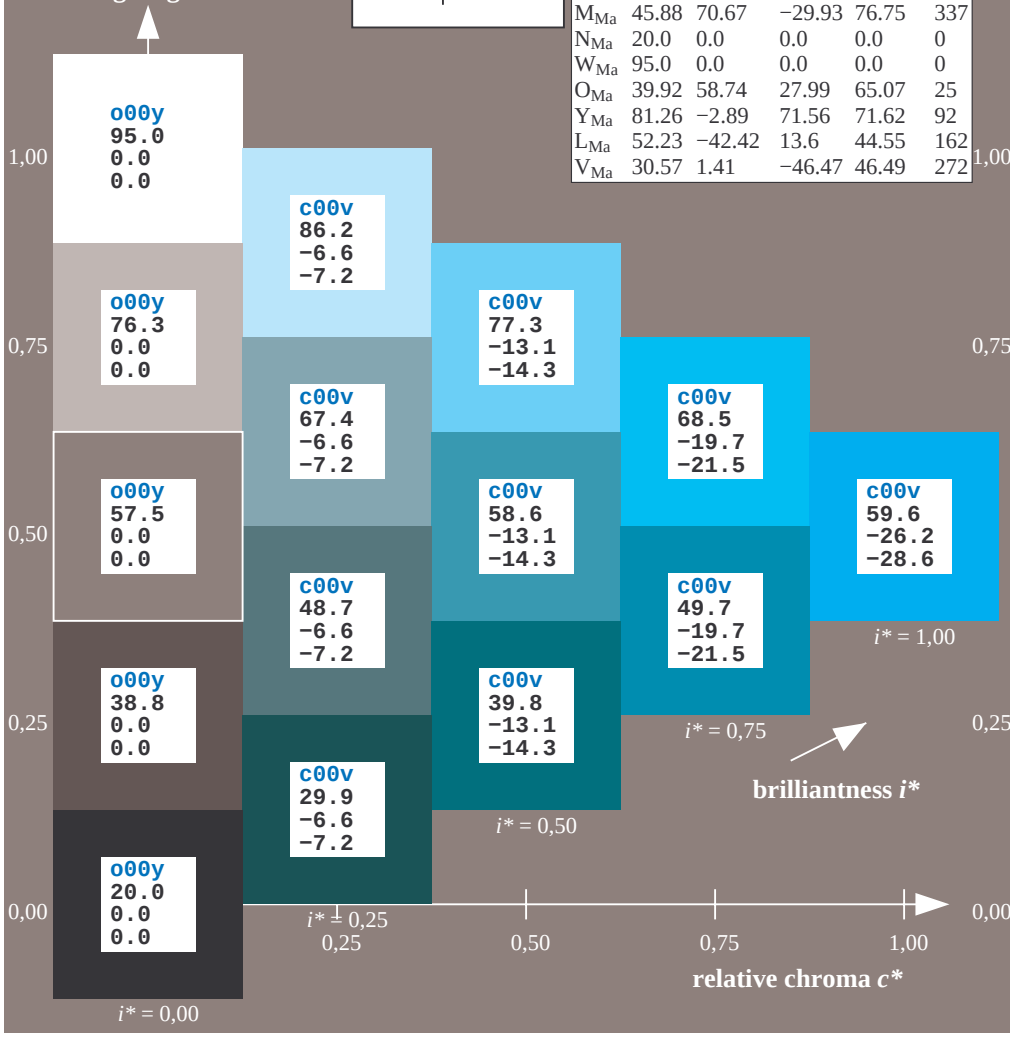
FRS12_95a; adapted (a) CIELAB data

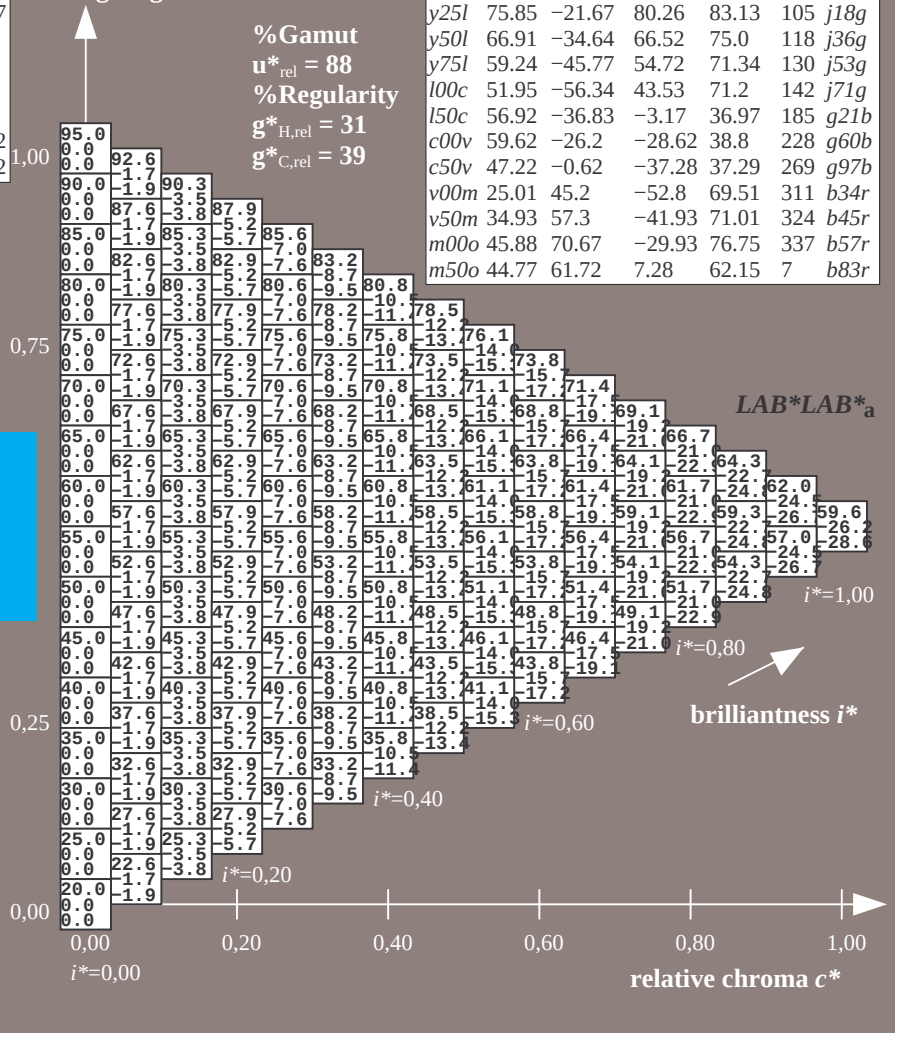
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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):
$LAB^*LAB^*_{Ma}$: 60 −26 −29
$LAB^*LCH^*_{Ma}$: 60 39 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.81 1.0
triangle lightness *t**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



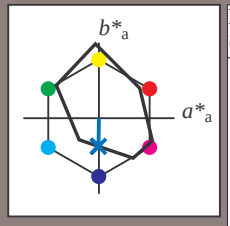


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

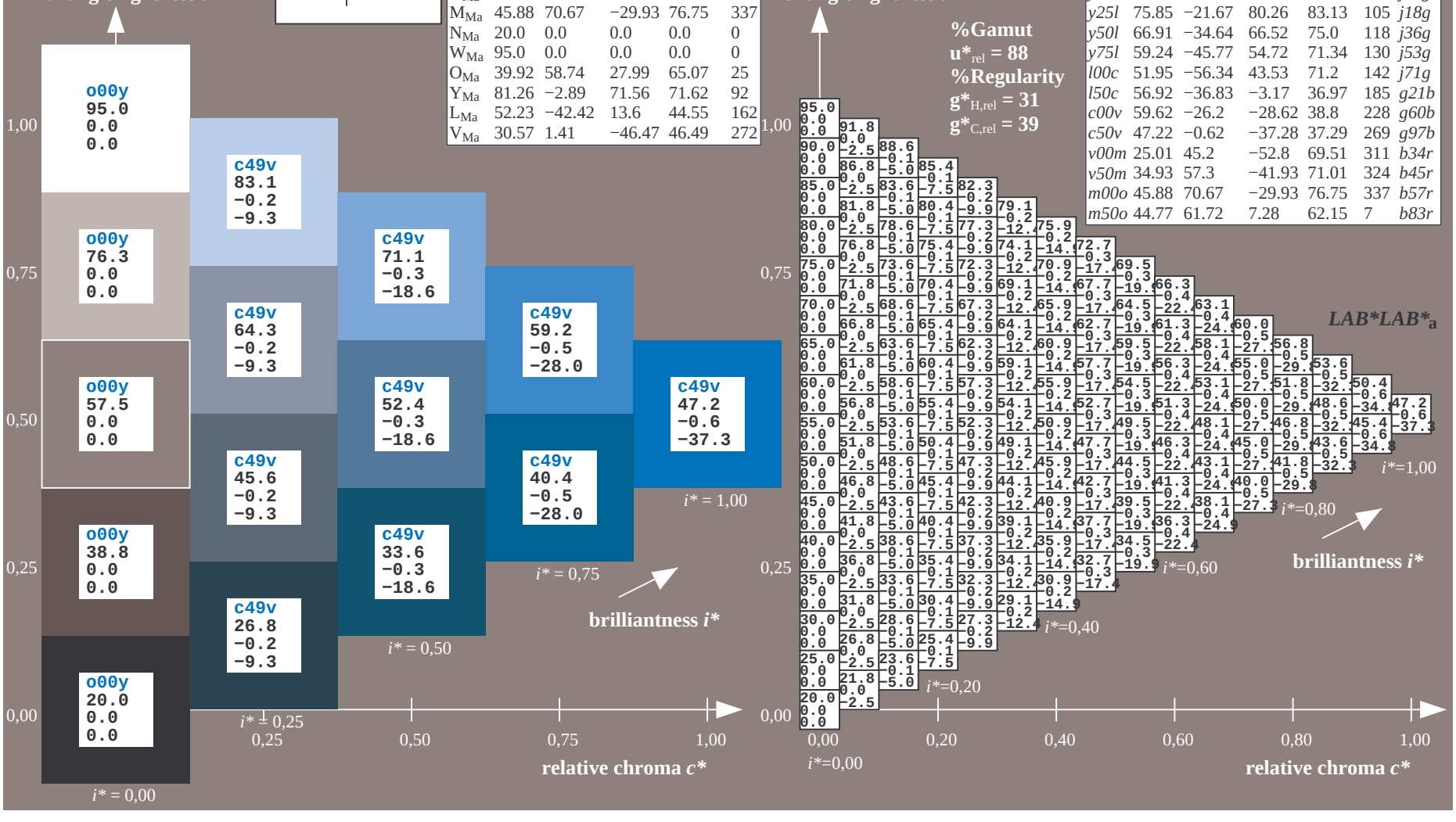
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 47 −1 −37**
***LAB*LCH**$_{Ma}$: 47 37 269**
***lab*olv**$_{Ma}$: 0.0 0.5 1.0**
***lab*rgb**$_{Ma}$: 0.0 0.05 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = c50v$
***LAB*LAB**$_a$**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



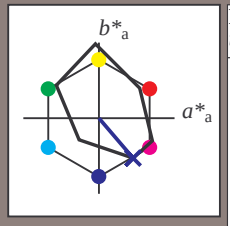
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

$u^*_d = v00m$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



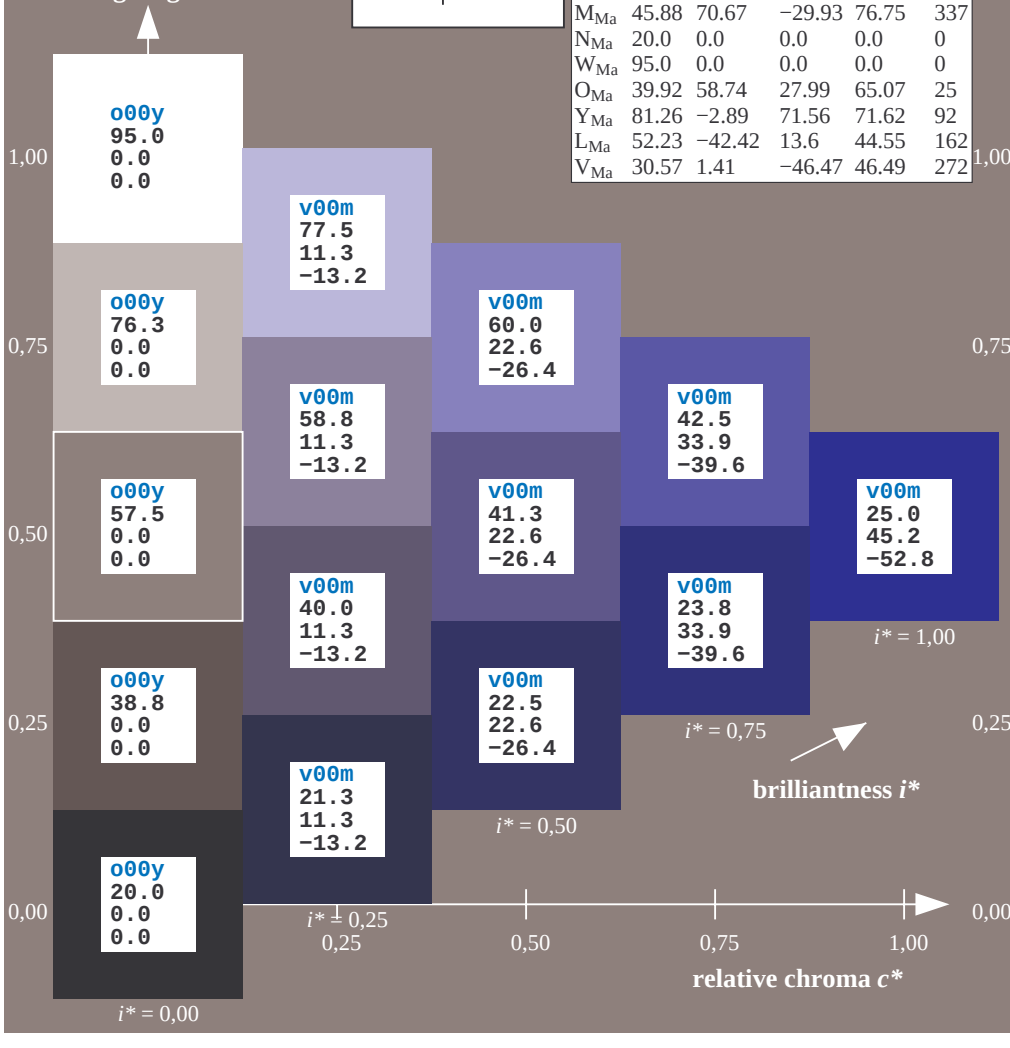
FRS12_95a; adapted (a) CIELAB data

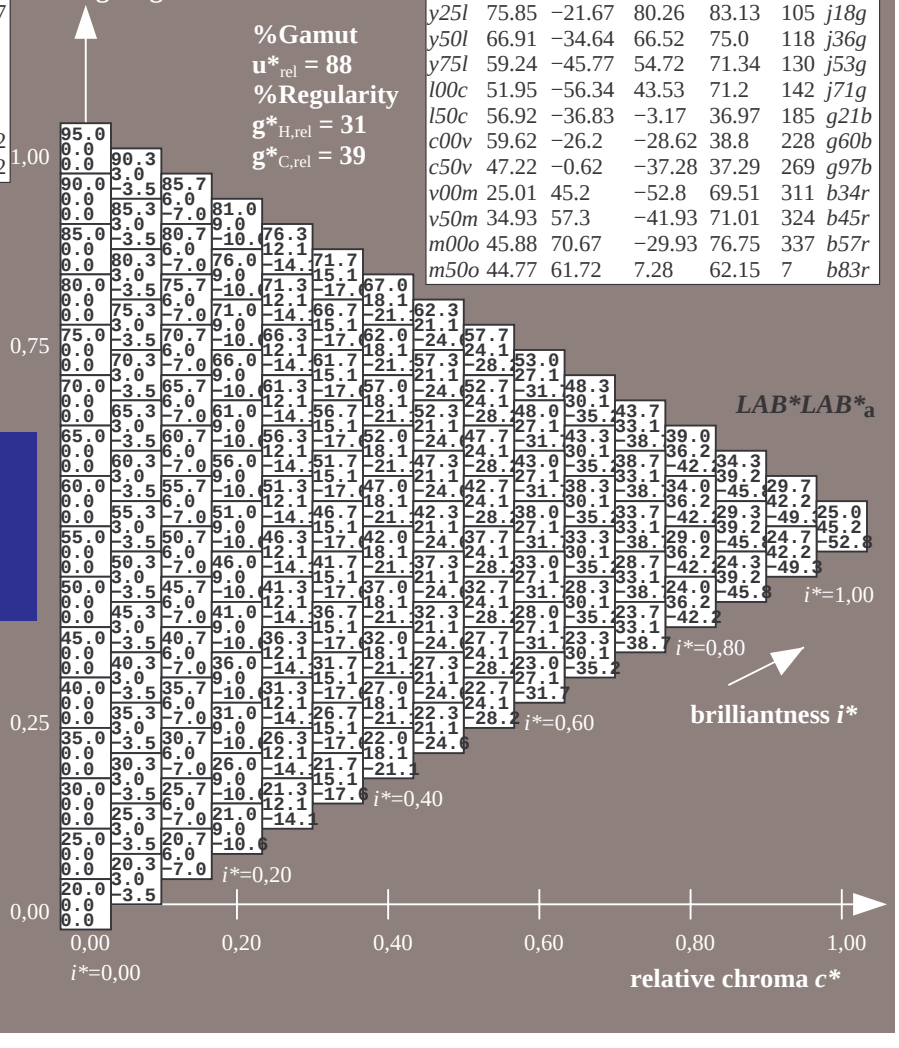
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 45 −53
$LAB^*LCH^*_{Ma}$: 25 70 310
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0
triangle lightness t^*

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





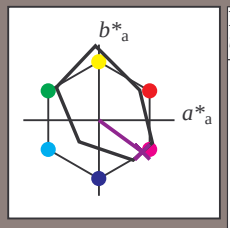
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

$u^*_d = v50m$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



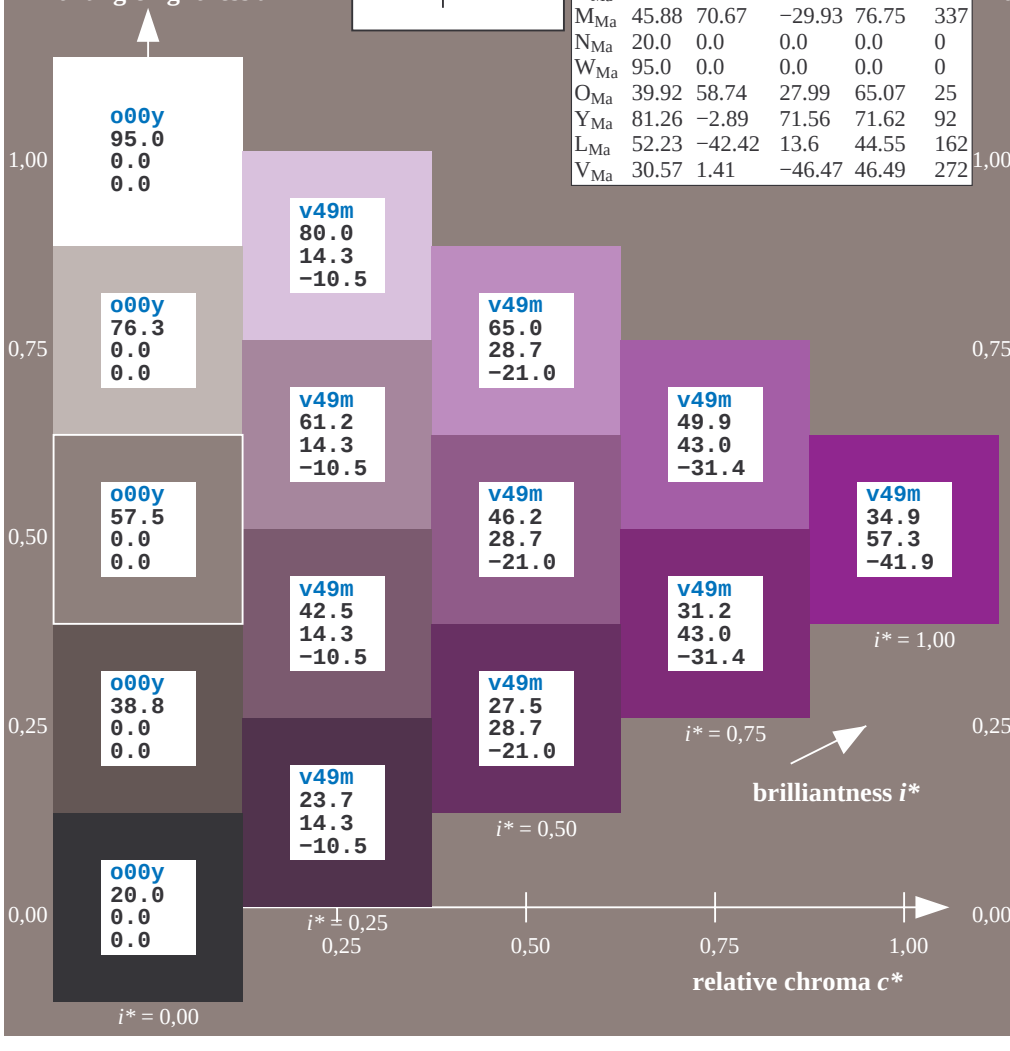
FRS12_95a; adapted (a) CIELAB data

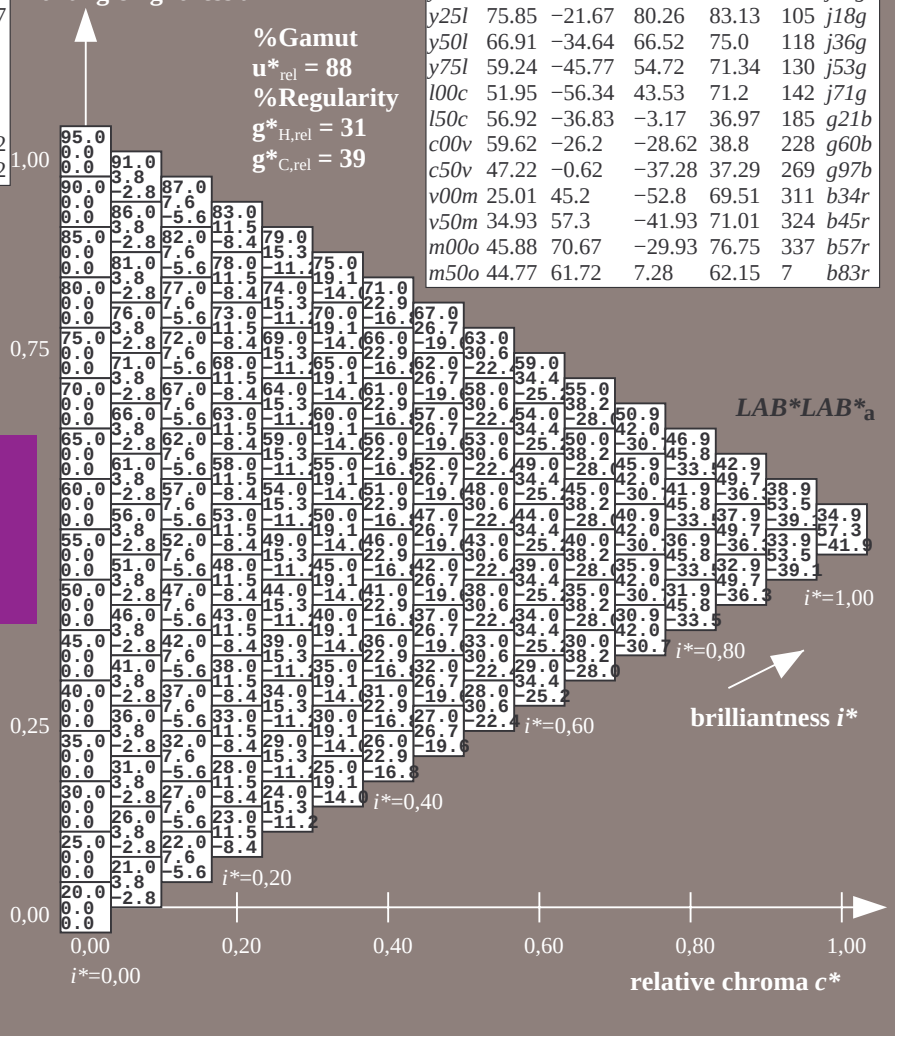
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 57 −42
$LAB^*LCH^*_{Ma}$: 35 71 323
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.92 0.0 1.0
triangle lightness t^*

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





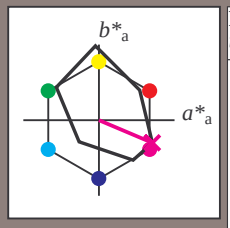
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

$u^*_d = m00o$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



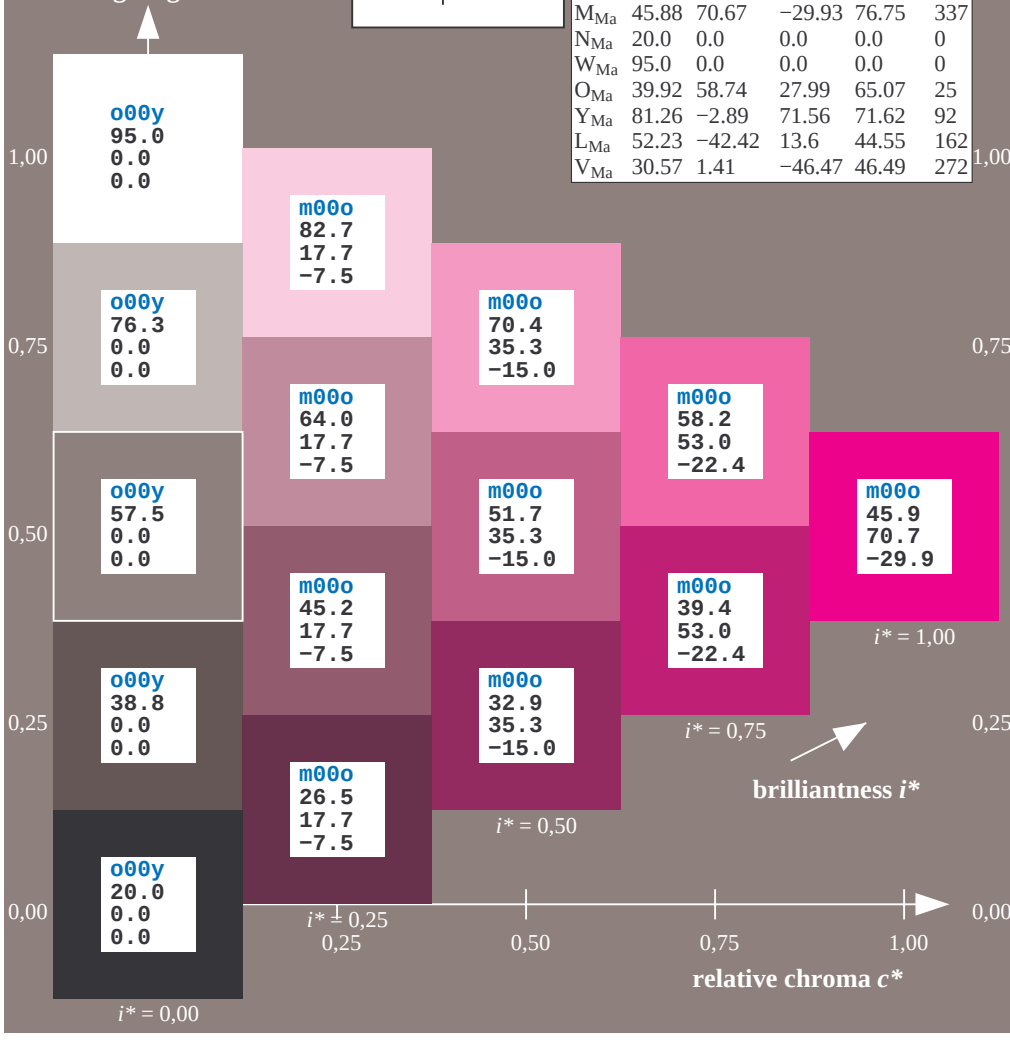
FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

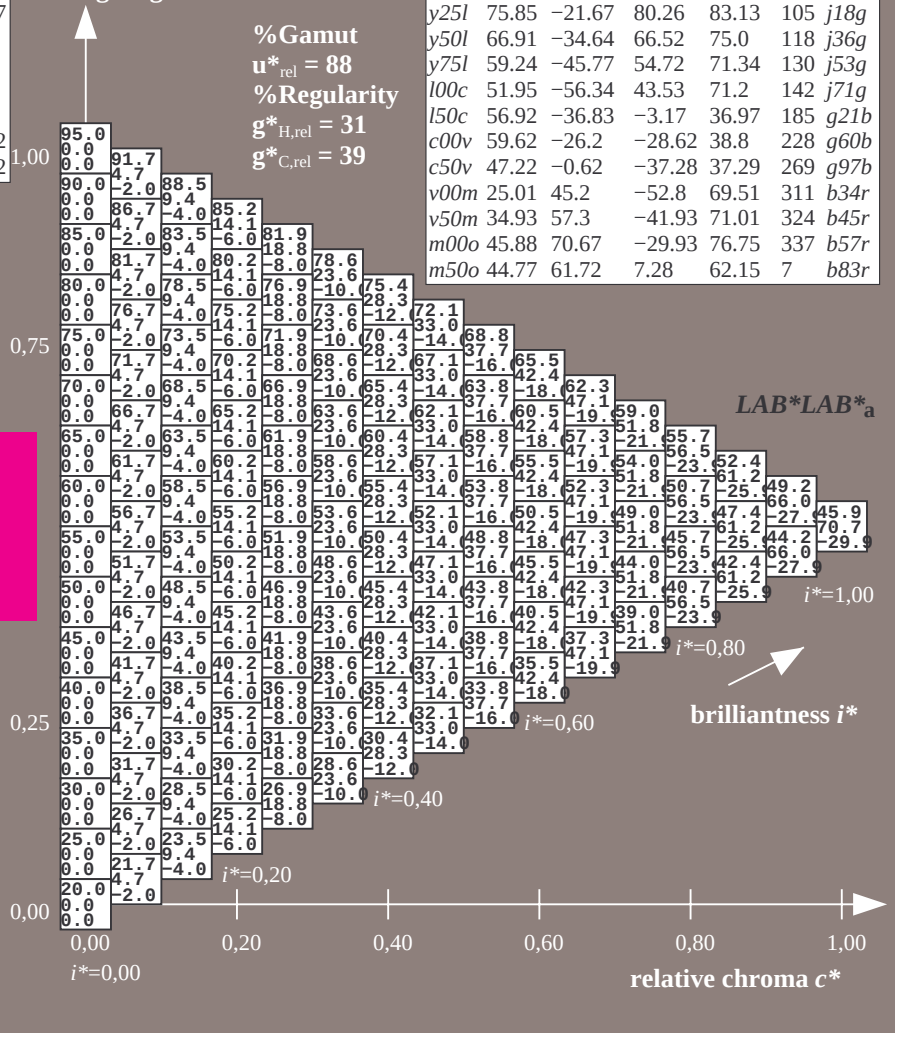
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 46 71 −30
$LAB^*LCH^*_{Ma}$: 46 77 337
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85
triangle lightness *t**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

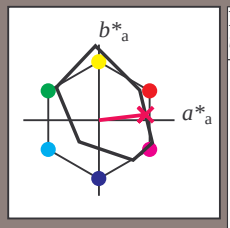


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b83r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

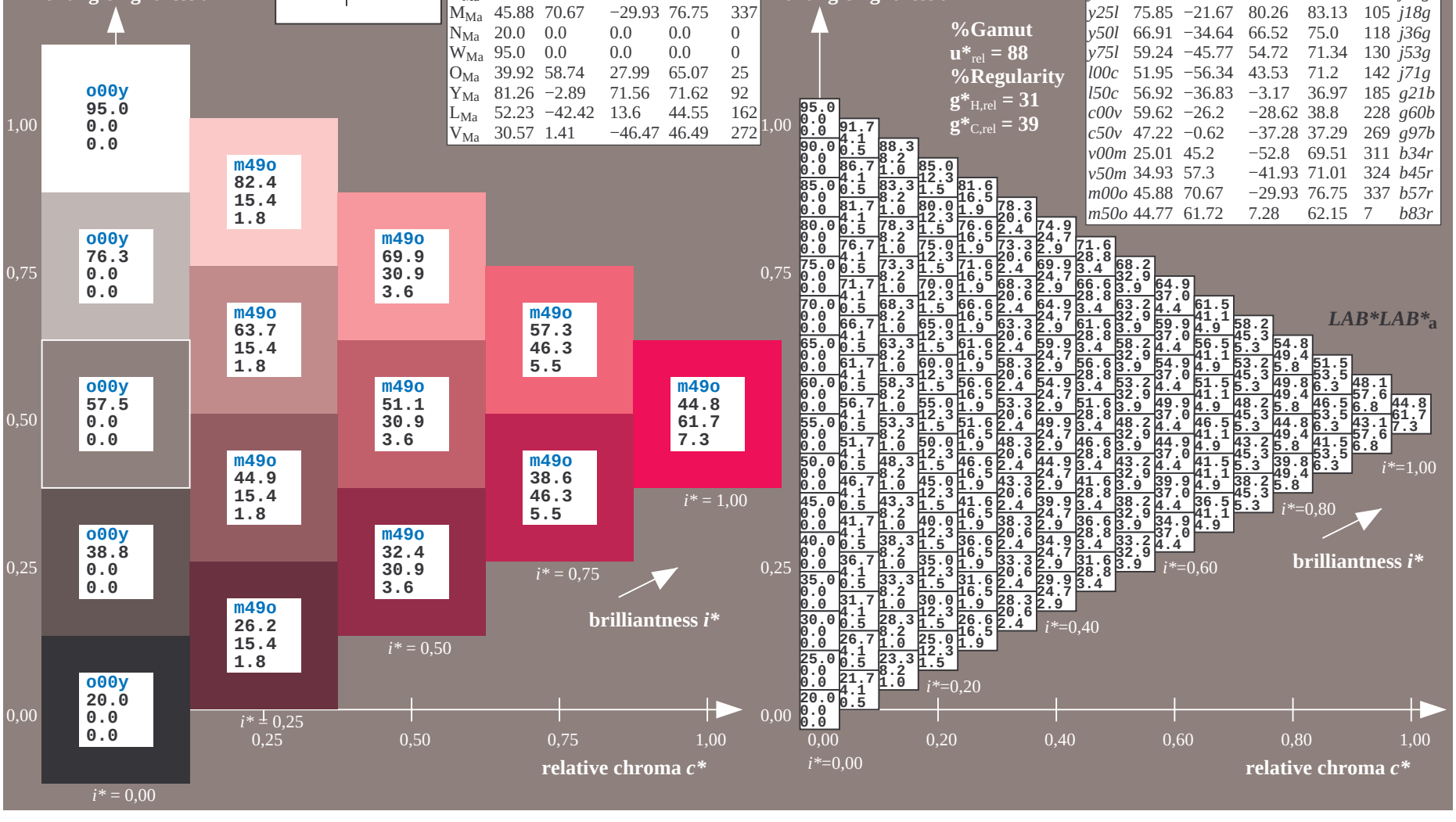
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 45 62 7
*LAB*LCH**$_{Ma}$: 45 62 6
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.33
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *m50o*
*LAB*LAB**$_a$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.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*a
01	20.0 0.0 0.0	24.0 -7.0 5.4	28.0 -14.1 10.9	32.0 -21.1 16.3	36.0 -28.2 21.8	40.0 -35.2 27.2	44.0 -42.3 32.6	48.0 -49.3 38.1	52.0 -56.3 43.5	23.0 6.7 5.0	28.4 -0.6 12.3	31.7 -8.7 16.6	35.6 -15.8 21.9	39.6 -22.9 27.4	43.6 -29.9 32.8	47.6 -37.0 38.2	51.6 -44.0 43.7	55.6 -51.1 49.1	26.0 13.5 9.9	30.4 7.5 15.9	36.9 -1.2 24.6	39.7 -9.9 28.3	43.5 -17.3 33.3	47.3 -24.5 38.5	51.3 -31.6 43.9	55.3 -38.7 49.3	59.2 -45.8 54.7	95.0 0.0 0.0	88.6 6.7 5.0	82.2 13.5 9.9	75.8 20.2 14.9	69.4 27.0 19.9	63.0 33.7 24.8	56.6 40.4 29.8	50.2 47.2 34.8	43.8 53.9 39.7	20.0 0.0 0.0	20.0 0.0 0.0	20.0 0.0 0.0	20.0 0.0 0.0
02	20.6 5.6 -6.6	25.0 -3.3 -3.6	29.2 -9.2 -0.8	33.5 -15.4 2.5	37.6 -21.8 6.4	41.7 -28.3 10.7	45.8 -35.0 15.2	49.9 -41.7 19.9	53.9 -48.5 24.8	23.2 8.8 -3.7	29.4 0.0 0.0	33.4 -7.0 5.4	37.4 -14.1 10.9	41.4 -21.1 16.3	45.4 -28.2 21.8	49.3 -35.2 27.2	53.3 -42.3 32.6	57.3 -49.3 38.1	26.2 15.4 1.8	32.4 6.7 5.0	37.8 -0.6 12.3	41.1 -8.7 16.6	45.0 -15.8 21.9	49.0 -22.9 27.4	53.0 -29.9 32.8	57.0 -37.0 38.2	61.0 -44.0 43.7	90.6 -3.3 -3.6	85.6 0.0 0.0	79.2 6.7 5.0	72.8 13.5 9.9	66.4 20.2 14.9	60.0 27.0 19.9	53.6 33.7 24.8	47.2 40.4 29.8	40.8 47.2 34.8	29.4 0.0 0.0	29.4 0.0 0.0	29.4 0.0 0.0	29.4 0.0 0.0
03	21.3 11.3 -13.2	26.8 -0.2 -9.3	29.9 -6.6 -7.2	34.2 -12.5 -4.3	38.5 -18.4 -1.6	42.7 -24.5 1.5	46.9 -30.7 5.0	51.1 -37.1 8.8	55.2 -43.5 12.8	23.7 14.3 -10.5	30.0 5.6 -6.6	34.3 -3.3 -3.6	38.6 -9.2 -0.8	42.8 -15.4 2.5	47.0 -21.8 6.4	51.1 -28.3 10.7	55.2 -35.0 15.2	59.3 -41.7 19.9	26.5 17.7 -7.5	32.6 8.8 -3.7	38.8 0.0 0.0	42.7 -7.0 5.4	46.7 -14.1 10.9	50.7 -21.1 16.3	54.7 -28.2 21.8	58.7 -35.2 27.2	62.7 -42.3 32.6	86.2 -6.6 -7.2	81.2 -3.3 -3.6	76.3 0.0 0.0	69.9 6.7 5.0	63.5 13.5 9.9	57.1 20.2 14.9	50.7 27.0 19.9	44.3 33.7 24.8	37.9 40.4 29.8	38.8 0.0 0.0	38.8 0.0 0.0	38.8 0.0 0.0	38.8 0.0 0.0
04	21.9 16.9 -19.8	28.4 3.5 -15.2	31.7 -3.4 -12.9	34.9 -9.8 -10.7	39.1 -15.8 -7.8	43.4 -21.7 -5.2	47.7 -27.6 -2.4	51.9 -33.7 0.7	56.2 -39.8 4.0	24.3 20.0 -17.1	30.6 11.3 -13.2	36.2 -0.2 -9.3	39.3 -6.6 -7.2	43.6 -12.5 -4.3	47.8 -18.4 -1.6	52.1 -24.5 1.5	56.3 -30.7 5.0	60.4 -37.1 8.8	26.9 23.1 -14.3	33.1 14.3 -10.5	39.4 5.6 -6.6	43.7 -3.3 -3.6	48.0 -9.2 -0.8	52.2 -15.4 2.5	56.4 -21.8 6.4	60.5 -28.3 10.7	64.6 -35.0 15.2	81.7 -9.8 -10.7	76.8 -6.6 -7.2	71.8 -3.3 -3.6	66.9 0.0 0.0	60.5 6.7 5.0	54.1 13.5 9.9	47.7 20.2 14.9	41.3 27.0 19.9	34.9 33.7 24.8	48.1 0.0 0.0	48.1 0.0 0.0	48.1 0.0 0.0	48.1 0.0 0.0
05	22.5 22.6 -26.4	29.7 7.7 -21.4	33.6 -0.3 -18.6	36.6 -6.6 -16.5	39.8 -13.1 -14.3	44.1 -19.1 -11.3	48.4 -25.0 -8.7	52.6 -30.9 -6.0	56.9 -36.8 -3.2	25.0 25.6 -23.7	31.3 16.9 -19.8	37.8 3.5 -15.2	41.1 -3.4 -12.9	44.2 -9.8 -10.7	48.5 -15.8 -7.8	52.8 -21.7 -5.2	57.1 -27.6 -2.4	61.3 -33.7 0.7	27.5 28.7 -21.0	33.7 20.0 -17.1	40.0 11.3 -13.2	45.6 -0.2 -9.3	48.7 -6.6 -7.2	52.9 -12.5 -4.3	57.2 -18.4 -1.6	61.4 -24.5 1.5	65.7 -30.7 5.0	77.3 -13.1 -14.3	72.4 -9.8 -10.7	67.4 -6.6 -7.2	62.5 -3.3 -3.6	57.5 0.0 0.0	51.1 6.7 5.0	44.7 13.5 9.9	38.3 20.2 14.9	31.9 27.0 19.9	57.5 0.0 0.0	57.5 0.0 0.0	57.5 0.0 0.0	57.5 0.0 0.0
06	23.1 28.2 -33.0	30.9 12.3 -27.6	35.3 3.2 -24.5	38.6 -3.6 -22.2	41.6 -9.8 -20.1	44.8 -16.4 -17.9	49.0 -22.5 -14.8	53.3 -28.3 -12.1	57.6 -34.2 -9.5	25.6 31.2 -30.3	31.9 22.6 -26.4	39.1 7.7 -21.4	43.0 -0.3 -18.6	46.0 -6.6 -16.5	49.2 -13.1 -14.3	53.4 -19.1 -11.3	57.7 -25.0 -8.7	62.0 -30.9 -6.0	28.1 34.3 -27.6	34.3 25.6 -23.7	40.6 16.9 -19.8	47.2 3.5 -15.2	50.5 -3.4 -12.9	53.6 -9.8 -10.7	57.9 -15.8 -7.8	62.2 -21.7 -5.2	66.4 -27.6 -2.4	72.9 -16.4 -17.9	67.9 -13.1 -14.3	63.0 -9.8 -10.7	58.0 -6.6 -7.2	53.1 -3.3 -3.6	48.1 0.0 0.0	41.7 6.7 5.0	35.3 13.5 9.9	28.9 20.2 14.9	66.9 0.0 0.0	66.9 0.0 0.0	66.9 0.0 0.0	66.9 0.0 0.0
07	23.8 33.9 -39.6	31.9 17.1 -33.9	36.8 7.0 -30.5	40.4 -0.5 -28.0	43.5 -6.8 -25.8	46.5 -13.0 -23.7	49.7 -19.7 -21.5	53.9 -25.8 -18.3	58.2 -31.6 -15.6	26.2 36.9 -36.9	32.5 28.2 -33.0	40.3 12.3 -27.6	44.7 3.2 -24.5	48.0 -3.6 -22.2	50.9 -9.8 -20.1	54.1 -16.4 -17.9	58.4 -22.5 -14.8	62.7 -28.3 -12.1	28.7 39.9 -34.2	35.0 31.2 -30.3	41.3 22.6 -26.4	48.5 7.7 -21.4	52.4 -0.3 -18.6	55.4 -6.6 -16.5	58.6 -13.1 -14.3	62.8 -19.1 -11.3	67.1 -25.0 -8.7	68.5 -19.7 -21.5	63.5 -16.4 -17.9	58.6 -13.1 -14.3	53.6 -9.8 -10.7	48.7 -6.6 -7.2	43.7 -3.3 -3.6	38.8 0.0 0.0	32.4 6.7 5.0	26.0 13.5 9.9	76.3 0.0 0.0	76.3 0.0 0.0	76.3 0.0 0.0	76.3 0.0 0.0
08	24.4 39.5 -46.2	32.9 22.0 -40.3	38.2 11.1 -36.6	42.1 2.9 -33.8	45.4 -3.8 -31.5	48.4 -10.0 -29.4	51.4 -16.2 -27.3	54.7 -22.9 -25.0	58.9 -29.1 -21.8	26.8 42.5 -43.5	33.1 33.9 -39.6	41.3 17.1 -33.9	46.2 7.0 -30.5	49.8 -0.5 -28.0	52.9 -6.8 -25.8	55.8 -13.0 -23.7	59.1 -19.7 -21.5	63.3 -25.8 -18.3	29.3 45.5 -40.8	35.6 36.9 -36.9	41.9 28.2 -33.0	49.6 12.3 -27.6	54.0 3.2 -24.5	57.3 -3.6 -22.2	60.3 -9.8 -20.1	63.5 -16.4 -17.9	67.8 -22.5 -14.8	64.0 -22.9 -25.0	59.1 -19.7 -21.5	54.1 -16.4 -17.9	49.2 -13.1 -14.3	44.2 -9.8 -10.7	39.3 -6.6 -7.2	34.3 -3.3 -3.6	29.4 0.0 0.0	23.0 6.7 5.0	85.6 0.0 0.0	85.6 0.0 0.0	85.6 0.0 0.0	85.6 0.0 0.0
09	25.0 45.2 -52.8	33.8 27.2 -46.7	39.5 15.4 -42.7	43.7 6.6 -39.7	47.2 -0.6 -37.3	50.3 -7.0 -35.1	53.3 -13.2 -33.0	56.3 -19.4 -30.9	59.6 -26.2 -28.6	27.5 48.2 -50.1	33.8 39.5 -46.2	42.2 22.0 -40.3	47.6 11.1 -36.6	51.5 2.9 -33.8	54.8 -3.8 -31.5	57.8 -10.0 -29.4	60.8 -16.2 -27.3	64.0 -22.9 -25.0	29.9 51.2 -47.4	36.2 42.5 -43.5	42.5 33.9 -39.6	50.7 17.1 -33.9	55.6 7.0 -30.5	59.2 -0.5 -28.0	62.2 -6.8 -25.8	65.2 -13.0 -23.7	68.5 -19.7 -21.5	59.6 -26.2 -28.6	54.7 -22.9 -25.0	49.7 -19.7 -21.5	44.8 -16.4 -17.9	39.8 -13.1 -14.3	34.9 -9.8 -10.7	29.9 -6.6 -7.2	25.0 -3.3 -3.6	20.0 0.0 0.0	95.0 0.0 0.0	95.0 0.0 0.0	95.0 0.0 0.0	95.0 0.0 0.0
10	28.9 20.2 14.9	33.3 14.4 20.7	38.2 7.9 27.3	45.3 -1.7 36.9	47.9 -10.8 40.1	51.4 -18.6 44.8	55.2 -26.0 49.9	59.1 -33.2 55.1	63.0 -40.3 60.5	31.9 27.0 19.9	36.2 21.2 25.7	40.8 15.1 31.7	46.2 7.8 39.0	53.8 -2.3 49.1	56.2 -11.7 52.1	59.5 -19.7 56.5	63.1 -27.3 61.4	66.9 -34.6 66.5	34.9 33.7 24.8	39.2 27.9 30.6	43.6 22.0 36.5	48.5 15.5 43.0	54.3 7.7 50.9	62.2 -2.9 61.4	64.5 -12.5 64.2	67.6 -20.7 68.3	71.2 -28.5 73.0	95.0 0.0 0.0	94.1 -0.6 12.3	93.1 -1.2 24.6	92.2 -1.7 36.9	91.3 -2.3 49.1	90.4 -2.9 61.4	89.4 -3.5 73.7	88.5 -4.1 86.0	87.6 -4.6 98.3	20.0 0.0 0.0	20.0 0.0 0.0	20.0 0.0 0.0	20.0 0.0 0.0
11	29.2 22.2 6.6	35.3 13.5 9.9	39.8 7.5 15.9	46.3 -1.2 24.6	49.1 -9.9 28.3	52.8 -17.3 33.3	56.7 -24.5 38.5	60.7 -31.6 43.9	64.6 -38.7 49.3	32.2 29.0 11.5	38.3 20.2 14.9	42.6 14.4 20.7	47.5 7.9 27.3	54.7 -1.7 36.9	57.3 -10.8 40.1	60.8 -18.6 44.8	64.6 -26.0 49.9	68.4 -33.2 55.1	35.1 35.7 16.3	41.3 27.0 19.9	45.6 21.2 25.7	50.1 15.1 31.7	55.6 7.8 39.0	63.2 -2.3 49.1	65.6 -11.7 52.1	68.9 -19.7 56.5	72.5 -27.3 61.4	86.3 5.6 -6.6	85.6 0.0 0.0	84.7 -0.6 12.3	83.8 -1.2 24.6	82.8 -1.7 36.9	81.9 -2.3 49.1	81.0 -2.9 61.4	80.1 -3.5 73.7	79.1 -4.1 86.0	25.0 0.0 0.0	25.0 0.0 0.0	25.0 0.0 0.0	25.0 0.0 0.0
12	29.4 24.1 -1.3	35.6 15.4 1.8	41.7 6.7 5.0	47.2 -0.6 12.3	50.5 -8.7 16.6	54.4 -15.8 21.9	58.4 -22.9 27.4	62.4 -29.9 32.8	66.4 -37.0 38.2	32.4 30.9 3.6	38.5 22.2 6.6	44.7 13.5 9.9	49.1 7.5 15.9	55.6 -1.2 24.6	58.5 -9.9 28.3	62.2 -17.3 33.3	66.1 -24.5 38.5	70.0 -31.6 43.9	35.4 37.6 8.5	41.5 29.0 11.5	47.7 20.2 14.9	52.0 14.4 20.7	56.9 7.9 27.3	64.1 -1.7 36.9	66.7 -10.8 40.1	70.2 -18.6 44.8	73.9 -26.0 49.9	77.5 11.3 -13.2	76.9 5.6 -6.6	76.3 0.0 0.0	75.3 -0.6 12.3	74.4 -1.2 24.6	73.5 -1.7 36.9	72.5 -2.3 49.1	71.6 -2.9 61.4	70.7 -3.5 73.7	30.0 0.0 0.0	30.0 0.0 0.0	30.0 0.0 0.0	30.0 0.0 0.0
13	29.7 26.5 -11.2	35.8 17.7 -7.5	42.0 8.8 -3.7	48.1 0.0 0.0	52.1 -7.0 5.4	56.1 -14.1 10.9	60.1 -21.1 16.3	64.1 -28.2 21.8	68.1 -35.2 27.2	32.6 32.9 -4.7	38.8 24.1 -1.3	44.9 15.4 1.8	51.1 6.7 5.0	56.6 -0.6 12.3	59.9 -8.7 16.6	63.8 -15.8 21.9	67.7 -22.9 27.4	71.7 -29.9 32.8	35.6 39.5 0.5	41.8 30.9 3.6	47.9 22.2 6.6	54.1 13.5 9.9	58.5 7.5 15.9	65.0 -1.2 24.6	67.9 -9.9 28.3	71.6 -17.3 33.3	75.5 -24.5 38.5	68.8 16.9 -19.8	68.1 11.3 -13.2	67.5 5.6 -6.6	66.9 0.0 0.0	65.9 -0.6 12.3	65.0 -1.2 24.6	64.1 -1.7 36.9	63.2 -2.3 49.1	62.2 -2.9 61.4	35.0 0.0 0.0	35.0 0.0 0.0	35.0 0.0 0.0	35.0 0.0 0.0
14	30.1 31.9 -18.1	36.3 23.1 -14.3	42.5 14.3 -10.5	48.8 5.6 -6.6	53.1 -3.3 -3.6	57.4 -9.2 -0.8	61.6 -15.4 2.5	65.7 -21.8 6.4	69.9 -28.3 10.7	32.9 35.3 -15.0	39.1 26.5 -11.2	45.2 17.7 -7.5	51.4 8.8 -3.7	57.5 0.0 0.0	61.5 -7.0 5.4	65.5 -14.1 10.9	69.5 -21.1 16.3	73.5 -28.2 21.8	35.9 41.6 -8.2	42.0 32.9 -4.7	48.2 24.1 -1.3	54.3 15.4 1.8	60.5 6.7 5.0	65.9 -0.6 12.3	69.2 -8.7 16.6	73.1 -15.8 21.9	77.1 -22.9 27.4	60.0 22.6 -26.4	59.4 16.9 -19.8	58.8 11.3 -13.2	58.1 5.6 -6.6	57.5 0.0 0.0	56.6 -0.6 12.3	55.6 -1.2 24.6	54.7 -1.7 36.9	53.8 -2.3 49.1	40.0 0.0 0.0	40.0 0.0 0.0	40.0 0.0 0.0	40.0 0.0 0.0
15	30.6 37.4 -24.8	36.8 28.7 -21.0	43.1 20.0 -17.1	49.4 11.3 -13.2	54.9 -0.2 -9.3	58.0 -6.6 -7.2	62.3 -12.5 -4.3	66.6 -18.4 -1.6	70.8 -24.5 1.5	33.3 40.7 -21.8	39.5 31.9 -18.1	45.6 23.1 -14.3	51.9 14.3 -10.5	58.1 5.6 -6.6	62.5 -3.3 -3.6	66.7 -9.2 -0.8	71.0 -15.4 2.5	75.1 -21.8 6.4	36.2 44.2 -18.7	42.3 35.3 -15.0	48.5 26.5 -11.2	54.6 17.7 -7.5	60.7 8.8 -3.7	66.9 0.0 0.0	70.9 -7.0 5.4	74.9 -14.1 10.9	78.9 -21.1 16.3	51.3 28.2 -33.0	50.6 22.6 -26.4	50.0 16.9 -19.8	49.4 11.3 -13.2	48.8 5.6 -6.6	48.1 0.0 0.0	47.2 -0.6 12.3	46.3 -1.2 24.6	45.3 -1.7 36.9	45.0 0.0 0.0	45.0 0.0 0.0	45.0 0.0 0.0	45.0 0.0 0.0
16	31.2 43.0 -31.4	37.4 34.3 -27.6	43.7 25.6 -23.7	50.0 16.9 -19.8	56.5 3.5 -15.2	59.9 -3.4 -12.9	63.0 -9.8 -10.7	67.2 -15.8 -7.8	71.5 -21.7 -5.2	33.8 46.2 -28.6	40.0 37.4 -24.8	46.2 28.7 -21.0	52.5 20.0 -17.1	58.8 11.3 -13.2	64.3 -0.2 -9.3	67.4 -6.6 -7.2	71.7 -12.5 -4.3	76.0 -18.4 -1.6	36.5 49.5 -25.6	42.7 40.7 -21.8	48.8 31.9 -18.1	55.0 23.1 -14.3	61.2 14.3 -10.5	67.5 5.6 -6.6	71.8 -3.3 -3.6	76.1 -9.2 -0.8	80.3 -15.4 2.5	42.5 33.9 -39.6	41.9 28.2 -33.0	41.3 22.6 -26.4	40.6 16.9 -19.8	40.0 11.3 -13.2	39.4 5.6 -6.6	38.8 0.0 0.0	37.8 -0.6 12.3	36.9 -1.2 24.6	50.0 0.0 0.0	50.0 0.0 0.0	50.0 0.0 0.0	50.0 0.0 0.0
17	31.8 48.6 -38.1	38.0 39.9 -34.2	44.3 31.2 -30.3	50.6 22.6 -26.4	57.9 7.7 -21.4	61.7 -0.3 -18.6	64.8 -6.6 -16.5	67.9 -13.1 -14.3	72.2 -19.1 -11.3	34.3 51.7 -35.3	40.6 43.0 -31.4	46.8 34.3 -27.6	53.1 25.6 -23.7	59.4 16.9 -19.8	65.9 3.5 -15.2	69.2 -3.4 -12.9	72.4 -9.8 -10.7	76.6 -15.8 -7.8	37.0 54.9 -32.4	43.2 46.2 -28.6	49.4 37.4 -24.8	55.6 28.7 -21.0	61.8 20.0 -17.1	68.1 11.3 -13.2	73.7 -0.2 -9.3	76.8 -6.6 -7.2	81.1 -12.5 -4.3	33.8 39.5 -46.2	33.1 33.9 -39.6	32.5 28.2 -33.0	31.9 22.6 -26.4	31.3 16.9 -19.8	30.6 11.3 -13.2	30.0 5.6 -6.6	29.4 0.0 0.0	28.4 -0.6 12.3	55.0 0.0 0.0	55.0 0.0 0.0	55.0 0.0 0.0	55.0 0.0 0.0
18	32.4 54.2 -44.7	38.7 45.5 -40.8	45.0 36.9 -36.9	51.3 28.2 -33.0	59.0 12.3 -27.6	63.4 3.2 -24.5	66.7 -3.6 -22.2	69.7 -9.8 -20.1	72.9 -16.4 -17.9	34.9 57.3 -41.9	41.2 48.6 -38.1	47.4 39.9 -34.2	53.7 31.2 -30.3	60.0 22.6 -26.4	67.2 7.7 -21.4	71.1 -0.3 -18.6	74.1 -6.6 -16.5	77.3 -13.1 -14.3	37.5 60.5 -39.1	43.7 51.7 -35.3	49.9 43.0 -31.4	56.2 34.3 -27.6	62.5 25.6 -23.7	68.8 16.9 -19.8	75.3 3.5 -15.2	78.6 -3.4 -12.9	81.7 -9.8 -10.7	25.0 45.2 -52.8	24.4 39.5 -46.2	23.8 33.9 -39.6	23.1 28.2 -33.0	22.5 22.6 -26.4	21.9 16.9 -19.8	21.3 11.3 -13.2	20.6 5.6 -6.6	20.0 0.0 0.0	60.0 0.0 0.0	60.0 0.0 0.0	60.0 0.0 0.0	60.0 0.0 0.0
19	37.9 40.4 29.8	42.2 34.6 35.6	46.5 28.8 41.4	51.2 22.6 47.6	56.3 15.7 54.5	62.6 7.4 62.9	70.7 -3.5 73.7	72.9 -13.2 76.3	75.9 -21.7 80.3	40.8 47.2 34.8	45.2 41.4 40.6	49.5 35.6 46.4	54.0 29.6 52.4	58.8 23.1 58.9	64.3 15.7 66.2	70.9 7.0 74.9	79.1 -4.1 86.0	81.2 -13.9 88.5	43.8 53.9 39.7	48.1 48.1 45.6	52.5 42.3 51.3	56.9 36.4 57.2	61.5 30.2 63.5	66.6 23.4 70.3	72.4 15.7 78.0	79.2 6.6 87.1	87.6 -4.6 98.3	95.0 0.0 0.0	89.6 -7.0 5.4	84.2 -14.1 10.9	78.9 -21.1 16.3	73.5 -28.2 21.8	68.1 -35.2 27.2	62.7 -42.3 32.6	57.3 -49.3 38.1	52.0 -56.3 43.5	65.0 0.0 0.0	65.0 0.0 0.0	65.0 0.0 0.0	65.0 0.0 0.0
20	38.1 42.5 21.2	44.3 33.7 24.8	48.6 27.9 30.6	53.0 22.0 36.5	57.9 15.5 43.0	63.7 7.7 50.9	71.6 -2.9 61.4	73.9 -12.5 64.2	77.0 -20.7 68.3	41.1 49.3 26.1	47.2 40.4 29.8	51.6 34.6 35.6	55.9 28.8 41.4	60.5 22.6 47.6	65.7 15.7 54.5	72.0 7.4 62.9	80.1 -3.5 73.7	82.2 -13.2 76.3	44.1 56.0 31.0	50.2 47.2 34.8	54.5 41.4 40.6	58.9 35.6 46.4	63.4 29.6 52.4	68.2 23.1 58.9	73.7 15.7 66.2	80.2 7.0 74.9	88.5 -4.1 86.0	88.9 8.8 -3.7	85.6 0.0 0.0	80.2 -7.0 5.4	74.9 -14.1 10.9	69.5 -21.1 16.3	64.1 -28.2 21.8	58.7 -35.2 27.2	53.3 -42.3 32.6	48.0 -49.3 38.1	70.0 0.0 0.0	70.0 0.0 0.0	70.0 0.0 0.0	70.0 0.0 0.0
21	38.3 44.4 13.3	44.5 35.7 16.3	50.7 27.0 19.9	55.0 21.2 25.7	59.5 15.1 31.7	64.9 7.8 39.0	72.5 -2.3 49.1	74.9 -11.7 52.1	78.2 -19.7 56.5	41.3 51.2 18.1	47.5 42.5 21.2	53.6 33.7 24.8	58.0 27.9 30.6	62.4 22.0 36.5	67.2 15.5 43.0	73.1 7.7 50.9	81.0 -2.9 61.4	83.3 -12.5 64.2	44.3 58.0 22.9	50.5 49.3 26.1	56.6 40.4 29.8	60.9 34.6 35.6	65.3 28.8 41.4	69.9 22.6 47.6	75.1 15.7 54.5	81.3 7.4 62.9	89.4 -3.5 73.7	82.7 17.7 -7.5	79.5 8.8 -3.7	76.3 0.0 0.0	70.9 -7.0 5.4	65.5 -14.1 10.9	60.1 -21.1 16.3	54.7 -28.2 21.8	49.3 -35.2 27.2	44.0 -42.3 32.6	75.0 0.0 0.0	75.0 0.0 0.0	75.0 0.0 0.0	75.0 0.0 0.0
22	38.6 46.3 5.5	44.7 37.6 8.5	50.9 29.0 11.5	57.1 20.2 14.9	61.4 14.4 20.7	66.3 7.9 27.3	73.5 -1.7 36.9	76.1 -10.8 40.1	79.5 -18.6 44.8	41.6 53.1 10.3	47.7 44.4 13.3	53.9 35.7 16.3	60.0 27.0 19.9	64.4 21.2 25.7	68.9 15.1 31.7	74.3 7.8 39.0	81.9 -2.3 49.1	84.3 -11.7 52.1	44.5 59.8 15.1	50.7 51.2 18.1	56.9 42.5 21.2	63.0 33.7 24.8	67.3 27.9 30.6	71.7 22.0 36.5	76.6 15.5 43.0	82.5 7.7 50.9	90.4 -2.9 61.4	76.6 26.5 -11.2	73.3 17.7 -7.5	70.1 8.8 -3.7	66.9 0.0 0.0	61.5 -7.0 5.4	56.1 -14.1 10.9	50.7 -21.1 16.3	45.4 -28.2 21.8	40.0 -35.2 27.2	80.0 0.0 0.0	80.0 0.0 0.0	80.0 0.0 0.0	80.0 0.0 0.0
23	38.8 48.2 -2.7	45.0 39.5 0.5	51.1 30.9 3.6	57.3 22.2 6.6	63.5 13.5 9.9	67.9 7.5 15.9	74.4 -1.2 24.6	77.2 -9.9 28.3	81.0 -17.3 33.3	41.8 55.0 2.4	48.0 46.3 5.5	54.1 37.6 8.5	60.3 29.0 11.5	66.4 20.2 14.9	70.8 14.4 20.7	75.7 7.9 27.3	82.8 -1.7 36.9	85.4 -10.8 40.1	44.8 61.7 7.3	50.9 53.1 10.3	57.1 44.4 13.3	63.3 35.7 16.3	69.4 27.0 19.9	73.7 21.2 25.7	78.3 15.1 31.7	83.7 7.8 39.0	91.3 -2.3 49.1	70.4 35.3 -15.0	67.2 26.5 -11.2	64.0 17.7 -7.5	60.7 8.8 -3.7	57.5 0.0 0.0	52.1 -7.0 5.4	46.7 -14.1 10.9	41.4 -21.1 16.3	36.0 -28.2 21.8	85.0 0.0 0.0	85.0 0.0 0.0	85.0 0.0 0.0	85.0 0.0 0.0
24	39.1 50.4 -11.7	45.2 41.6 -8.2	51.4 32.9 -4.7	57.5 24.1 -1.3	63.7 15.4 1.8	69.9 6.7 5.0	75.3 -0.6 12.3	78.6 -8.7 16.6	82.5 -15.8 21.9	42.0 57.0 -6.0	48.2 48.2 -2.7	54.4 39.5 0.5	60.5 30.9 3.6	66.7 22.2 6.6	72.8 13.5 9.9	77.3 7.5 15.9	83.8 -1.2 24.6	86.6 -9.9 28.3	45.0 63.7 -0.8	51.2 55.0 2.4	57.3 46.3 5.5	63.5 37.6 8.5	69.7 29.0 11.5	75.8 20.2 14.9	80.1 14.4 20.7	85.0 7.9 27.3	92.2 -1.7 36.9	64.3 44.2 -18.7	61.1 35.3 -15.0	57.8 26.5 -11.2	54.6 17.7 -7.5	51.4 8.8 -3.7	48.1 0.0 0.0	42.7 -7.0 5.4	37.4 -14.1 10.9	32.0 -21.1 16.3	90.0 0.0 0.0	90.0 0.0 0.0	90.0 0.0 0.0	90.0 0.0 0.0
25	39.4 53.0 -22.4	45.5 44.2 -18.7	51.7 35.3 -15.0	57.8 26.5 -11.2	64.0 17.7 -7.5	70.1 8.8 -3.7	76.3 0.0 0.0	80.2 -7.0 5.4	84.2 -14.1 10.9	42.3 59.2 -15.3	48.5 50.4 -11.7	54.6 41.6 -8.2	60.8 32.9 -4.7	66.9 24.1 -1.3	73.1 15.4 1.8	79.2 6.7 5.0	84.7 -0.6 12.3	88.0 -8.7 16.6	45.3 65.7 -9.4	51.4 57.0 -6.0	57.6 48.2 -2.7	63.7 39.5 0.5	69.9 30.9 3.6	76.0 22.2 6.6	82.2 13.5 9.9	86.6 7.5 15.9	93.1 -1.2 24.6	58.2 53.0 -22.4	54.9 44.2 -18.7	51.7 35.3 -15.0	48.5 26.5 -11.2	45.2 17.7 -7.5	42.0 8.8 -3.7	38.8 0.0 0.0	33.4 -7.0 5.4	28.0 -14.1 10.9	95.0 0.0 0.0	95.0 0.0 0.0	95.0 0.0 0.0	95.0 0.0 0.0
26	39.7 58.3 -29.4	45.9 49.5 -25.6	52.1 40.7 -21.8	58.2 31.9 -18.1	64.4 23.1 -14.3	70.6 14.3 -10.5	76.9 5.6 -6.6	81.2 -3.3 -3.6	85.5 -9.2 -0.8	42.6 61.8 -26.2	48.8 53.0 -22.4	54.9 44.2 -18.7	61.1 35.3 -15.0	67.2 26.5 -11.2	73.3 17.7 -7.5	79.5 8.8 -3.7	85.6 0.0 0.0	89.6 -7.0 5.4	45.5 68.0 -18.9	51.7 59.2 -15.3	57.8 50.4 -11.7	64.0 41.6 -8.2	70.1 32.9 -4.7	76.3 24.1 -1.3	82.4 15.4 1.8	88.6 6.7 5.0	94.1 -0.6 12.3	52.0 61.8 -26.2	48.8 53.0 -22.4	45.5 44.2 -18.7	42.3 35.3 -15.0	39.1 26.5 -11.2	35.8 17.7 -7.5	32.6 8.8 -3.7	29.4 0.0 0.0	24.0 -7.0 5.4	20.0 0.0 0.0	43.8 53.9 39.7	87.6 -4.6 98.3	52.0 -56.3 43.5
27	40.2 63.7 -36.2	46.4 54.9 -32.4	52.5 46.2 -28.6	58.7 37.4 -24.8	65.0 28.7 -21.0	71.2 20.0 -17.1	77.5 11.3 -13.2	83.1 -0.2 -9.3	86.2 -6.6 -7.2	43.0 67.1 -33.1	49.1 58.3 -29.4	55.3 49.5 -25.6	61.4 40.7 -21.8	67.6 31.9 -18.1	73.8 23.1 -14.3	80.0 14.3 -10.5	86.3 5.6 -6.6	90.6 -3.3 -3.6	45.9 70.7 -29.9	52.0 61.8 -26.2	58.2 53.0 -22.4	64.3 44.2 -18.7	70.4 35.3 -15.0	76.6 26.5 -11.2	82.7 17.7 -7.5	88.9 8.8 -3.7	95.0 0.0 0.0	45.9 70.7 -29.9	42.6 61.8 -26.2	39.4 53.0 -22.4	36.2 44.2 -18.7	32.9 35.3 -15.0	29.7 26.5 -11.2	26.5 17.7 -7.5	23.2 8.8 -3.7	20.0 0.0 0.0	95.0 0.0 0.0	59.6 -26.2 -28.6	25.0 45.2 -52.8	45.9 70.7 -29.9

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS
application for evaluation and measurement of printer or monitor systems BAM material: code=rha4ta

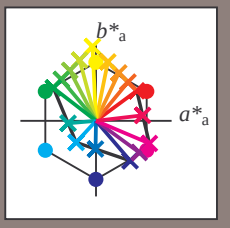
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System FRS12_95a
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 = 0.9

FRS12_95a; adapted (a) CIELAB data

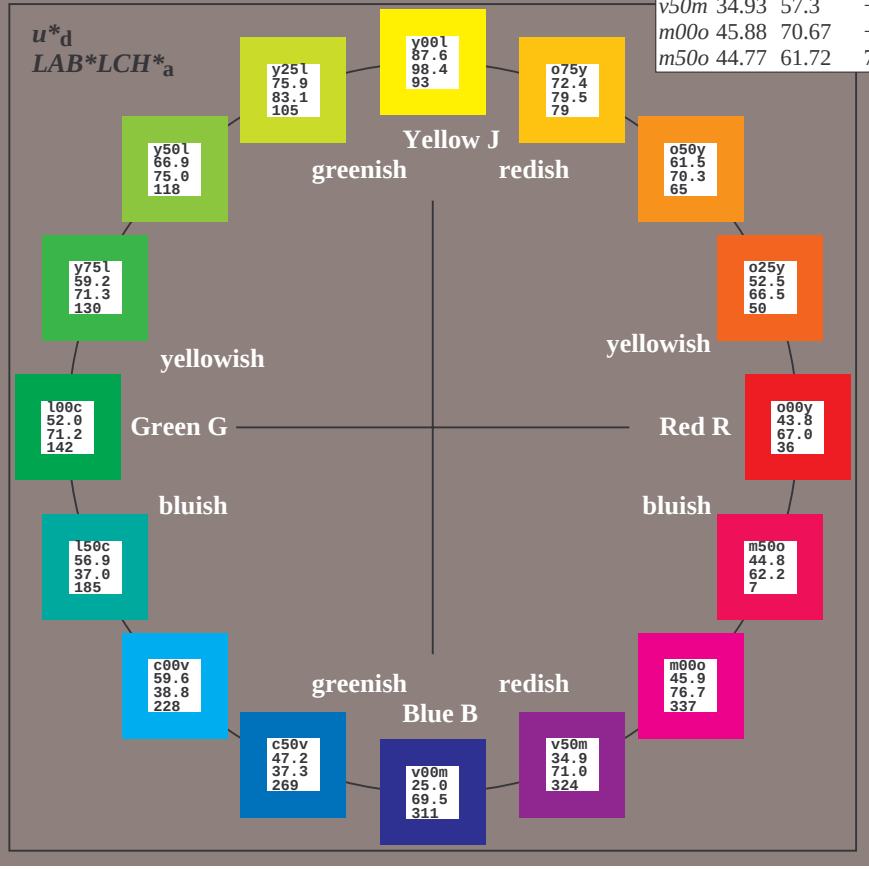
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

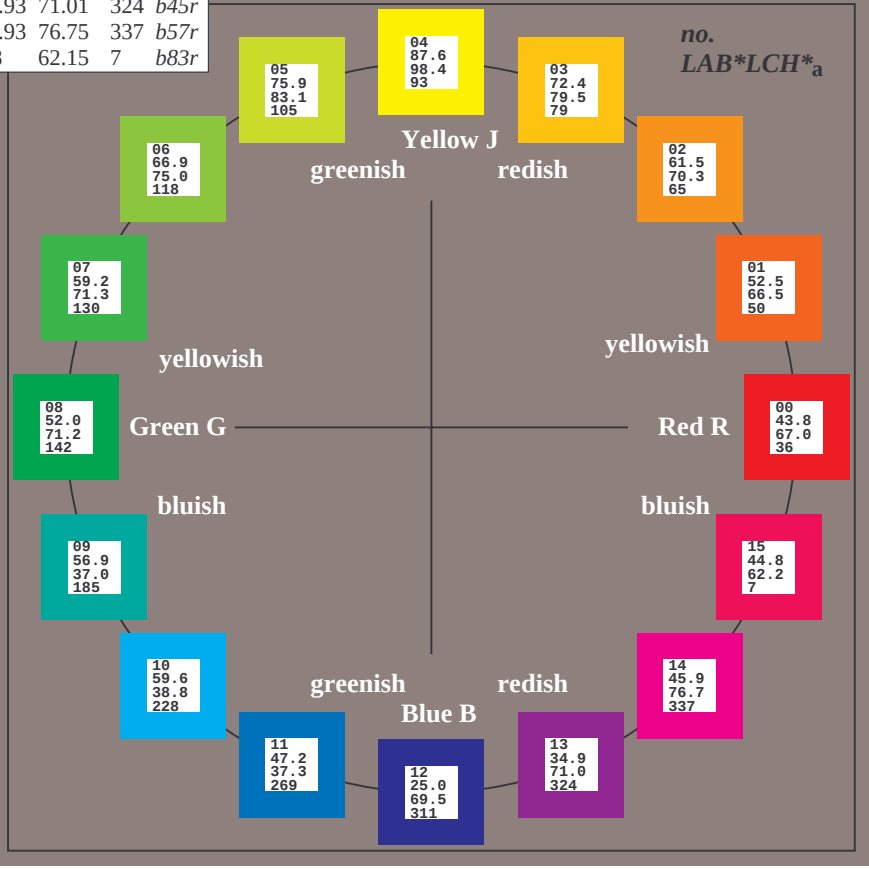


%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

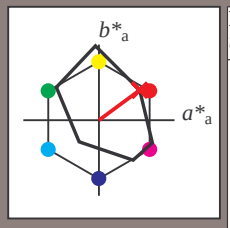
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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





Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r16j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

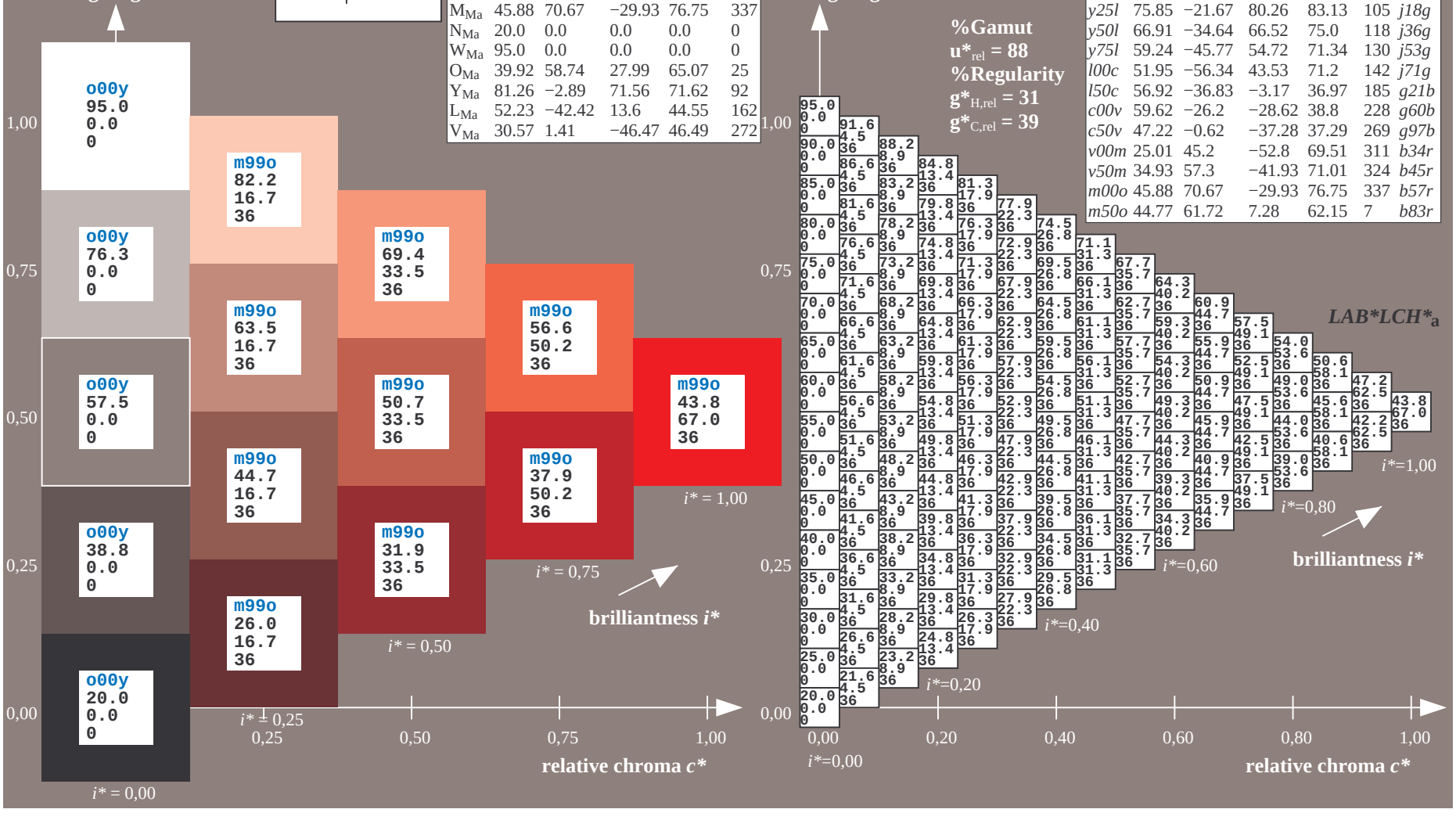
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 44 54 40
*LAB*LCH**$_{Ma}$: 44 67 36
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.16 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o00y*
*LAB*LCH**$_a$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

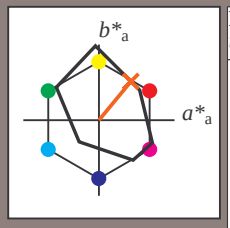


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r37j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

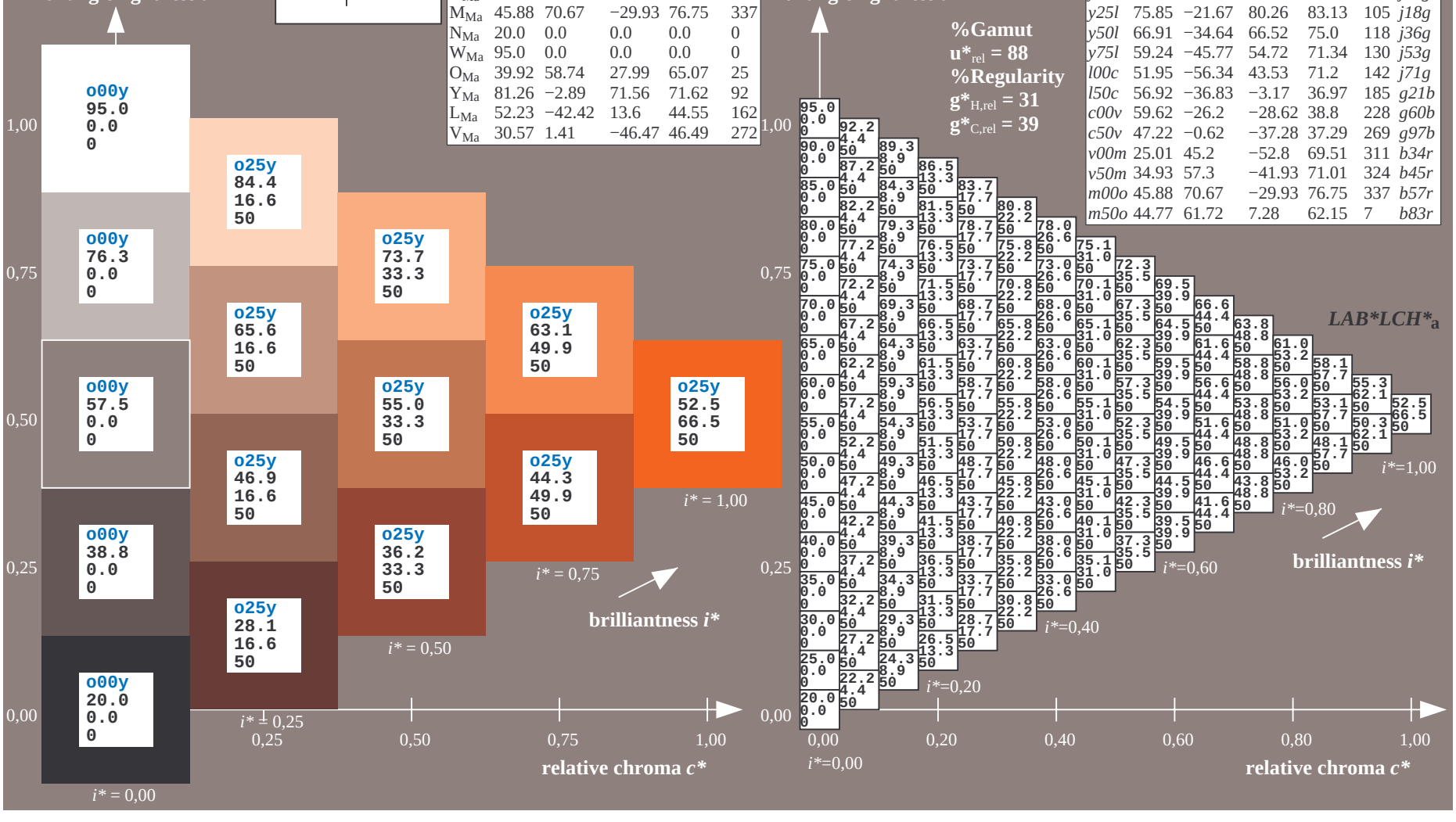
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 42 51
*LAB*LCH**$_{Ma}$: 52 67 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o25y*
*LAB*LCH**$_a$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

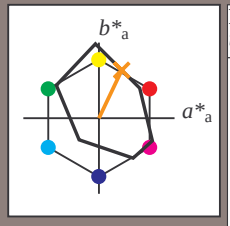


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r58j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

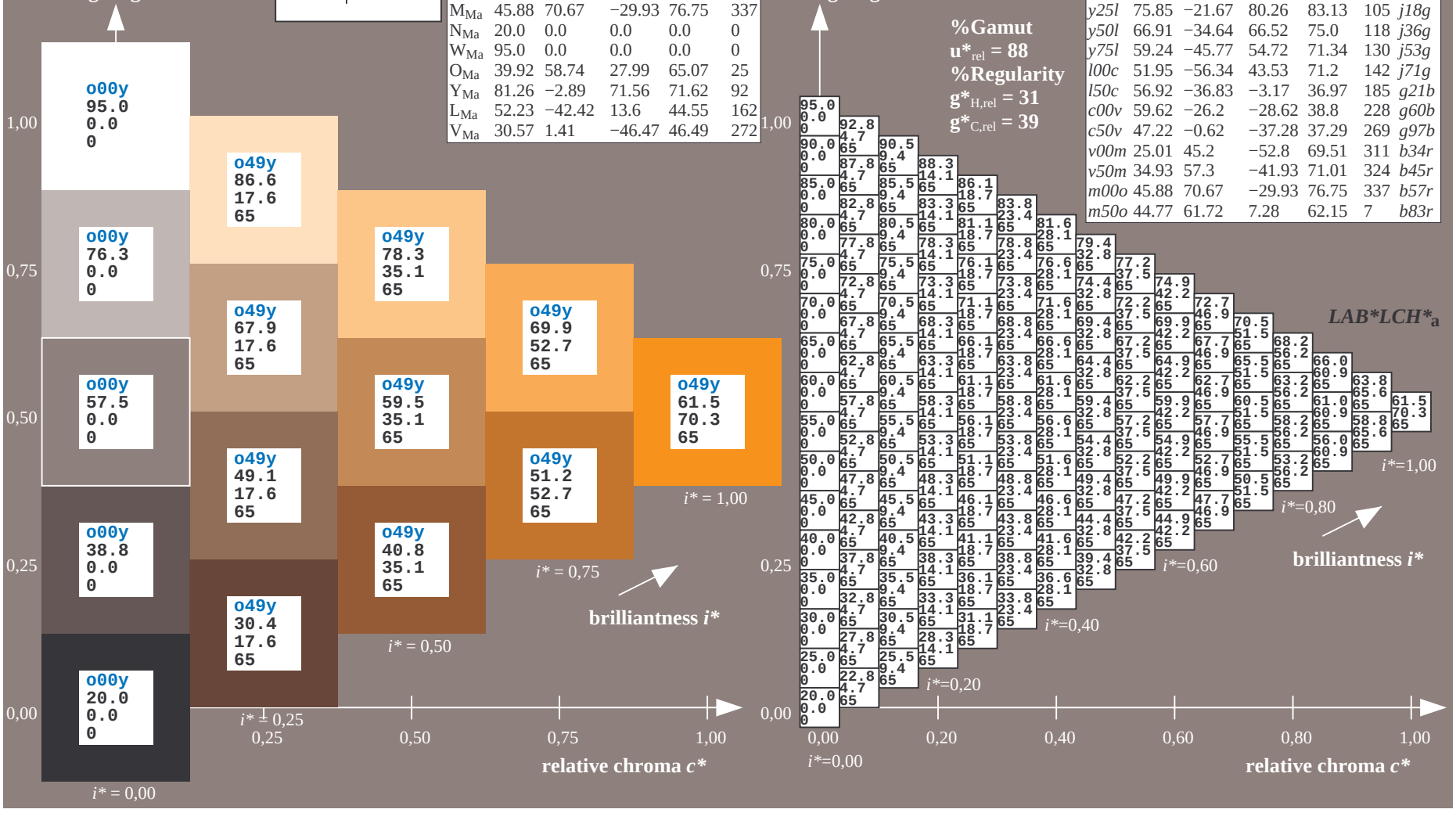
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 30 63
*LAB*LCH**$_{Ma}$: 62 70 64
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o50y*
*LAB*LCH**$_a$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

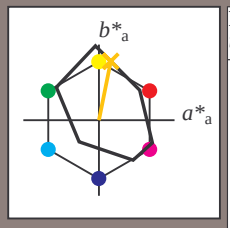


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r79j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

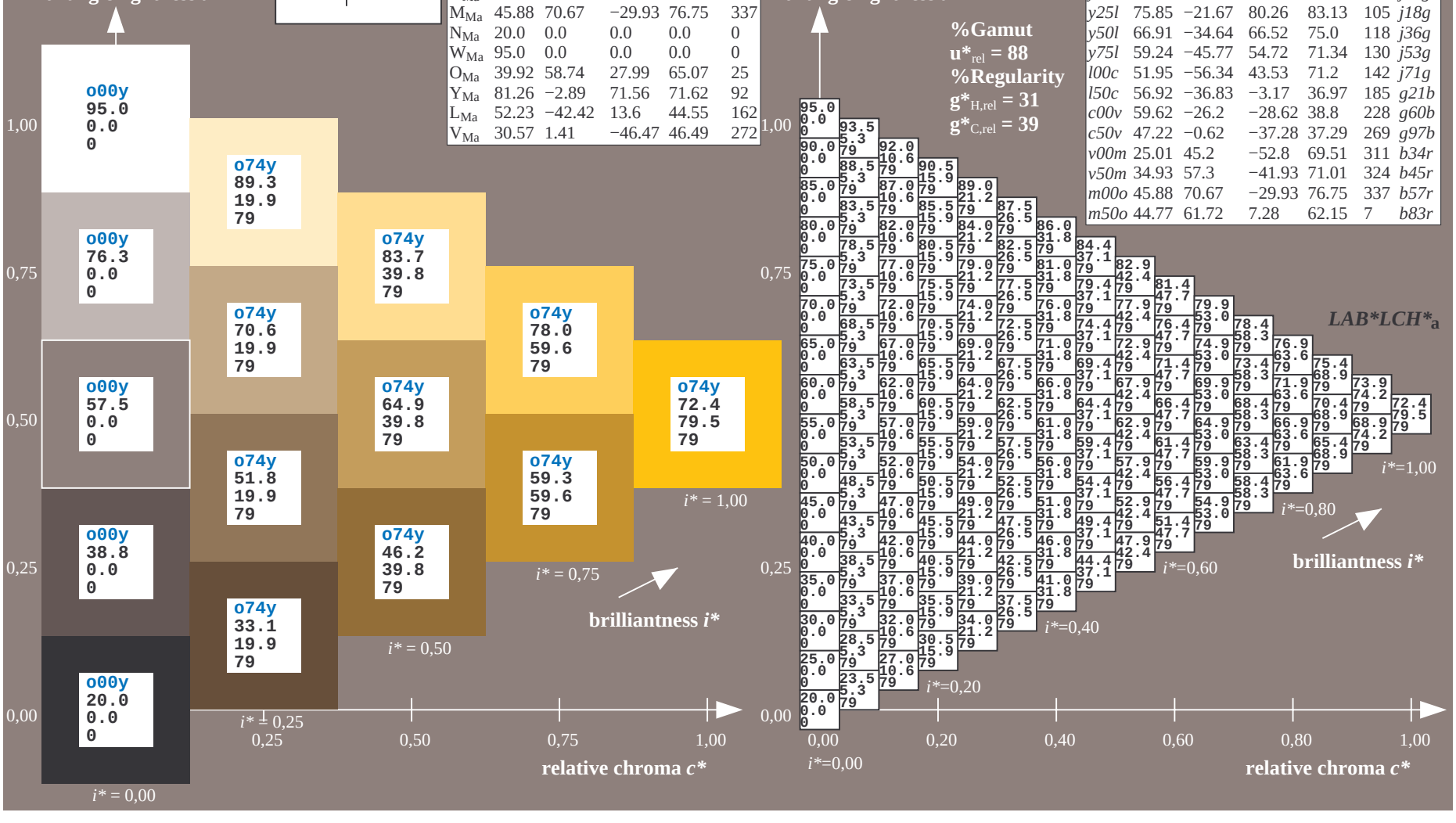
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 72 16 78
*LAB*LCH**$_{Ma}$: 72 80 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.8 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o75y*
*LAB*LCH**$_a$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



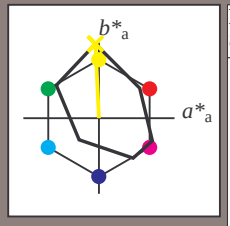
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

$u^*_d = y00l$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data

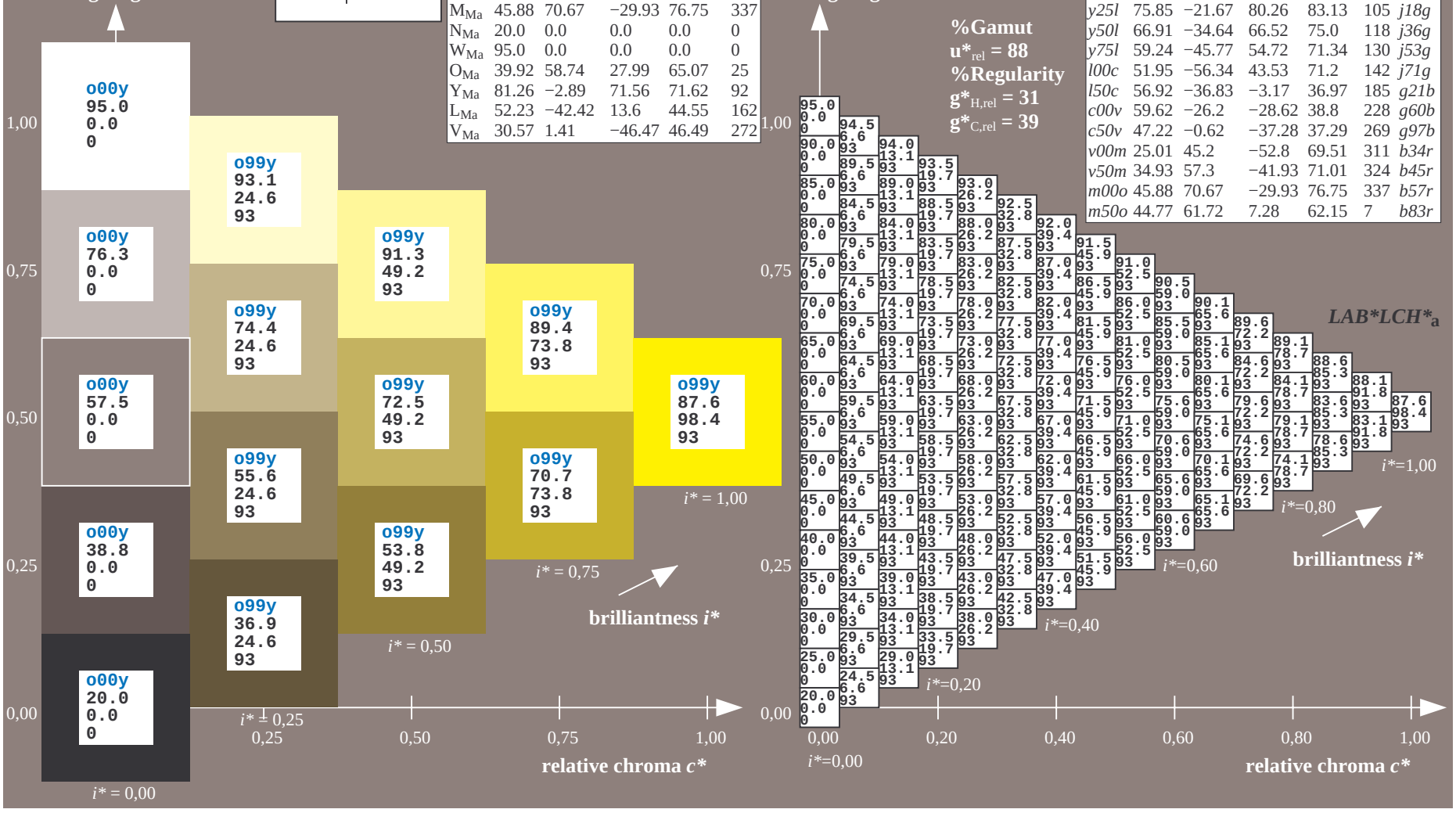
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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):
$LAB^*LAB^*_{Ma}$: 88 −5 98
$LAB^*LCH^*_{Ma}$: 88 98 92
$lab^*olv^*_{Ma}$: 1.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

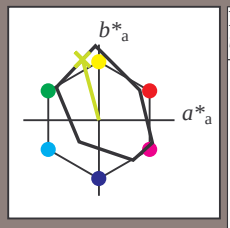


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

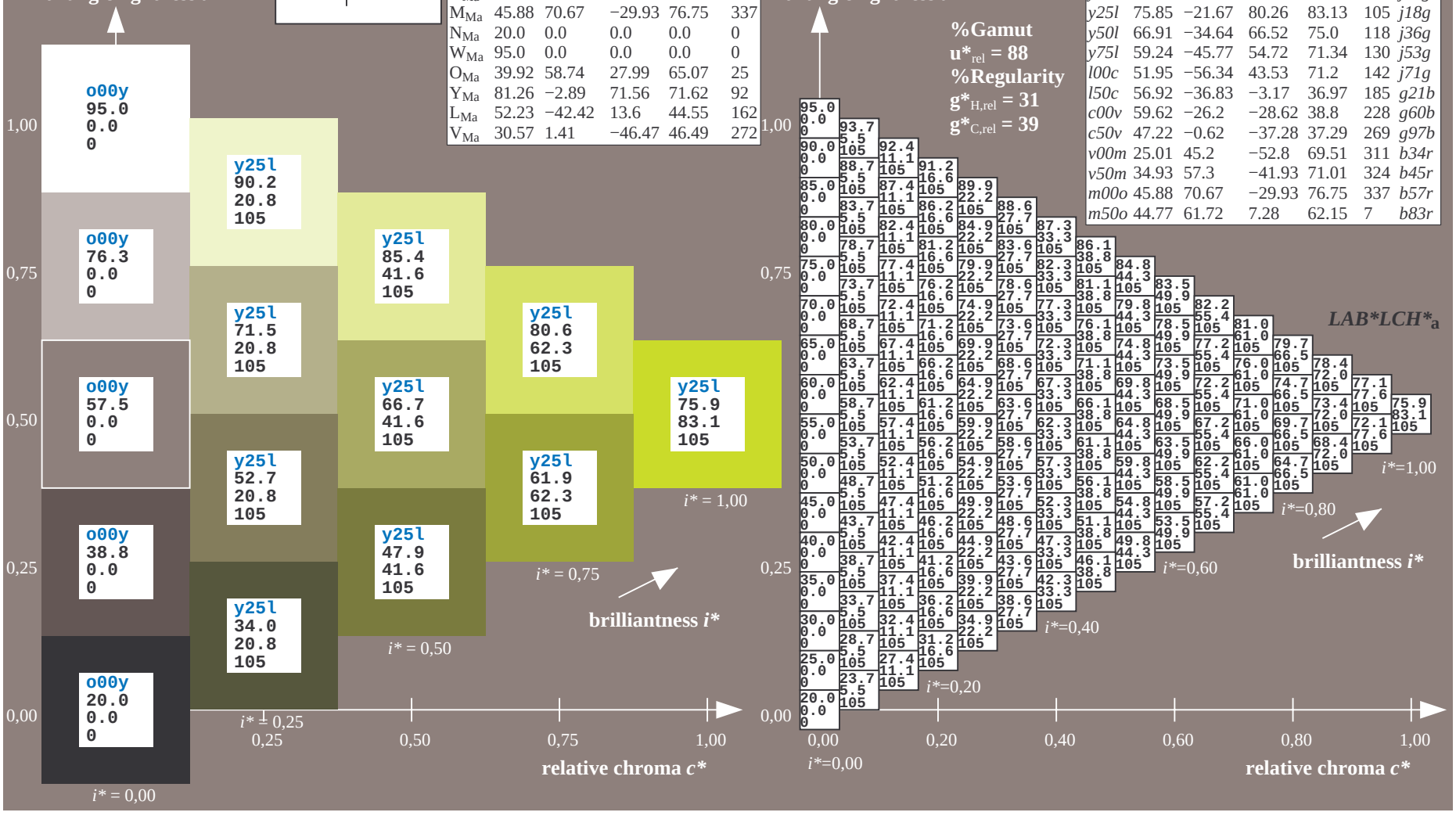
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 76 −22 80**
***LAB*LCH**$_{Ma}$: 76 83 105**
***lab*olv**$_{Ma}$: 0.75 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.82 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y25l$
***LAB*LCH**$_a$**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

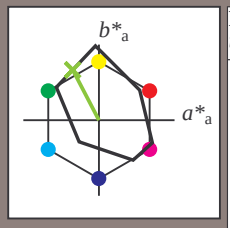


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

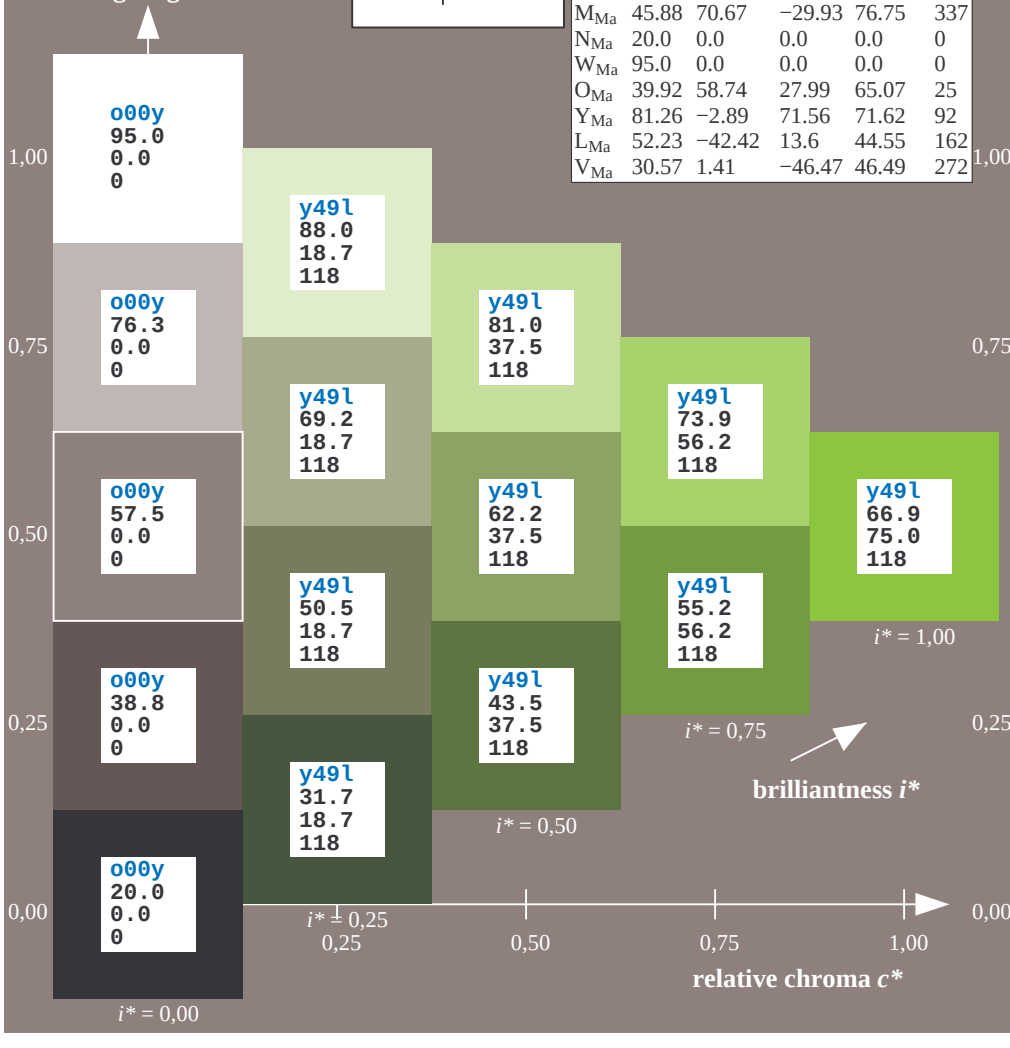
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 67 −35 67**
***LAB*LCH**$_{Ma}$: 67 75 117**
***lab*olv**$_{Ma}$: 0.5 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.64 1.0 0.0**
triangle lightness *t**

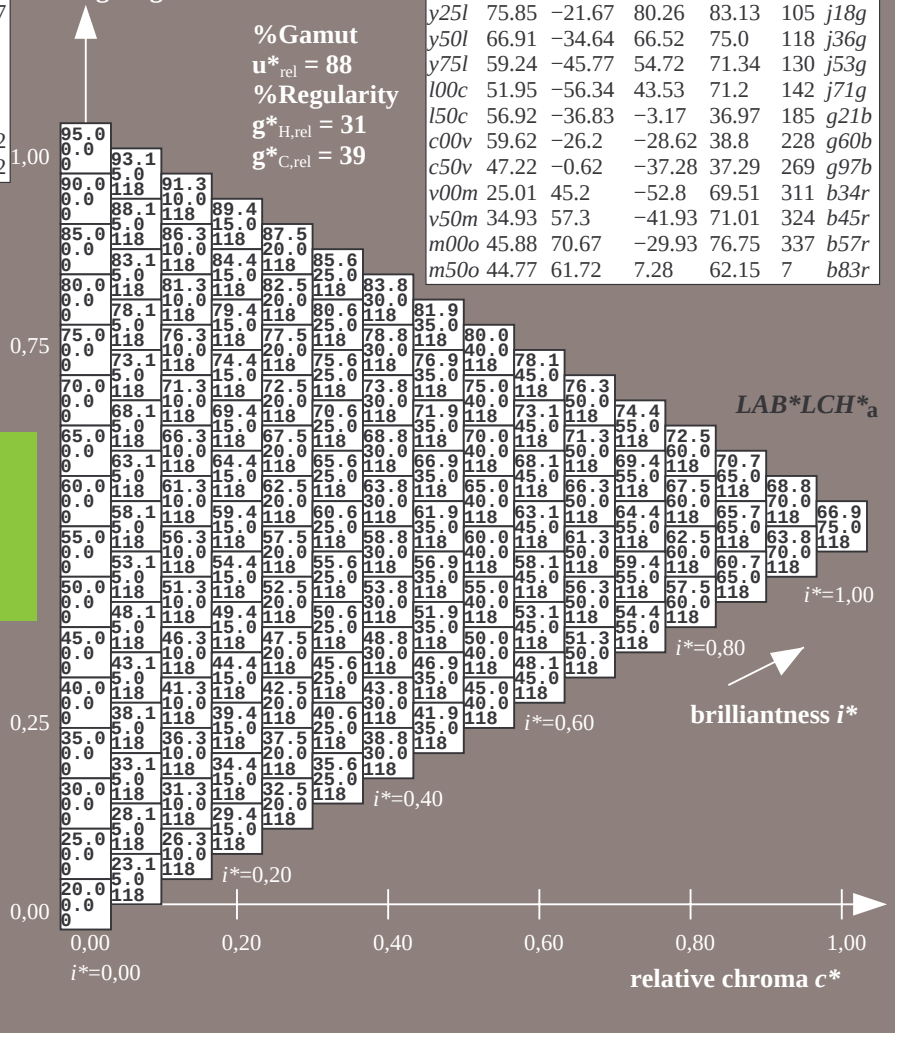
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y50l$
***LAB*LCH**$_a$**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



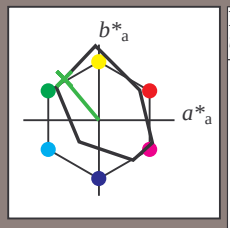


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

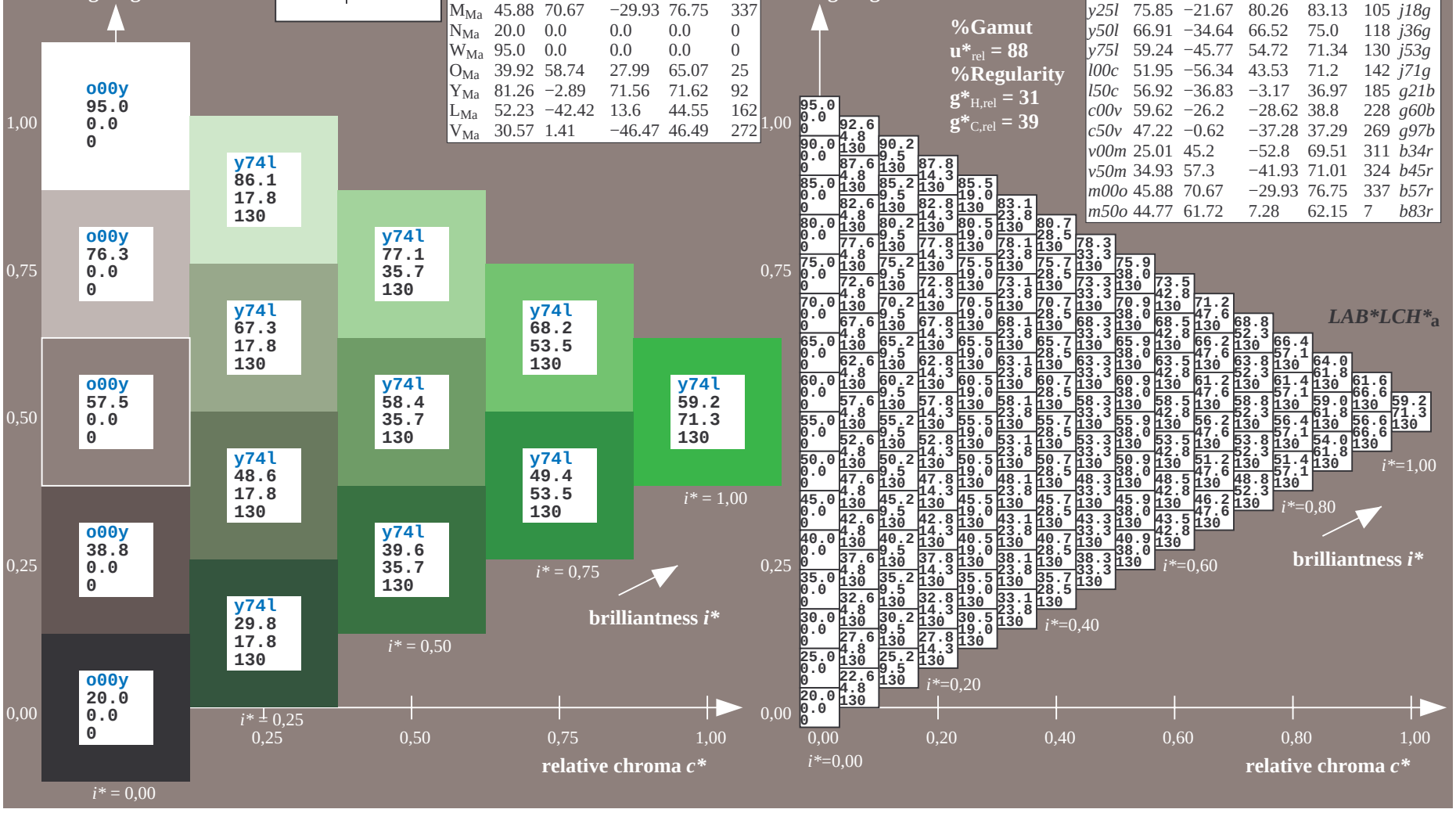
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 59 −46 55**
***LAB*LCH**$_{Ma}$: 59 71 129**
***lab*olv**$_{Ma}$: 0.25 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.46 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y75l$
***LAB*LCH**$_a$**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



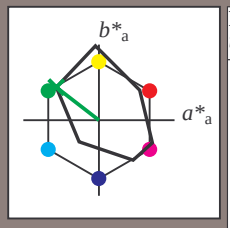
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

$u^*_d = l00c$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



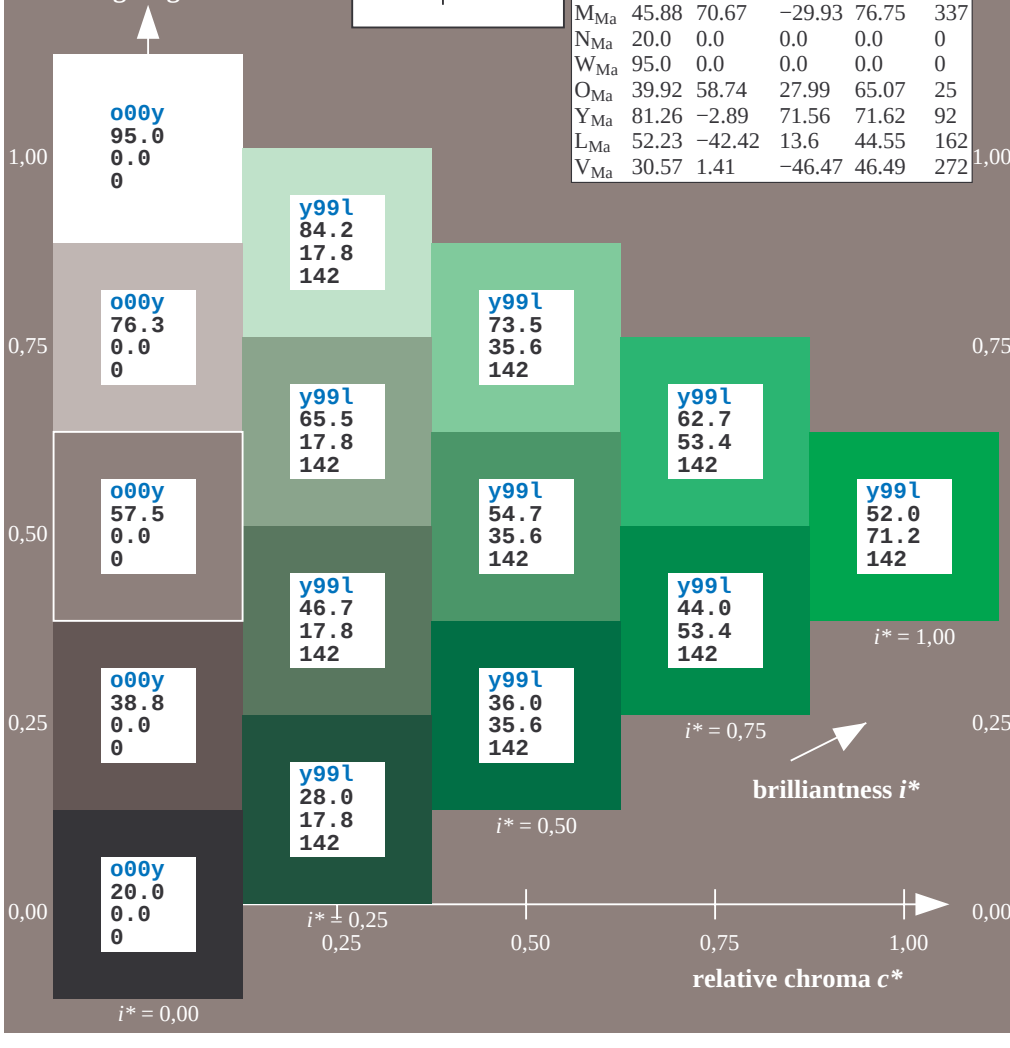
FRS12_95a; adapted (a) CIELAB data

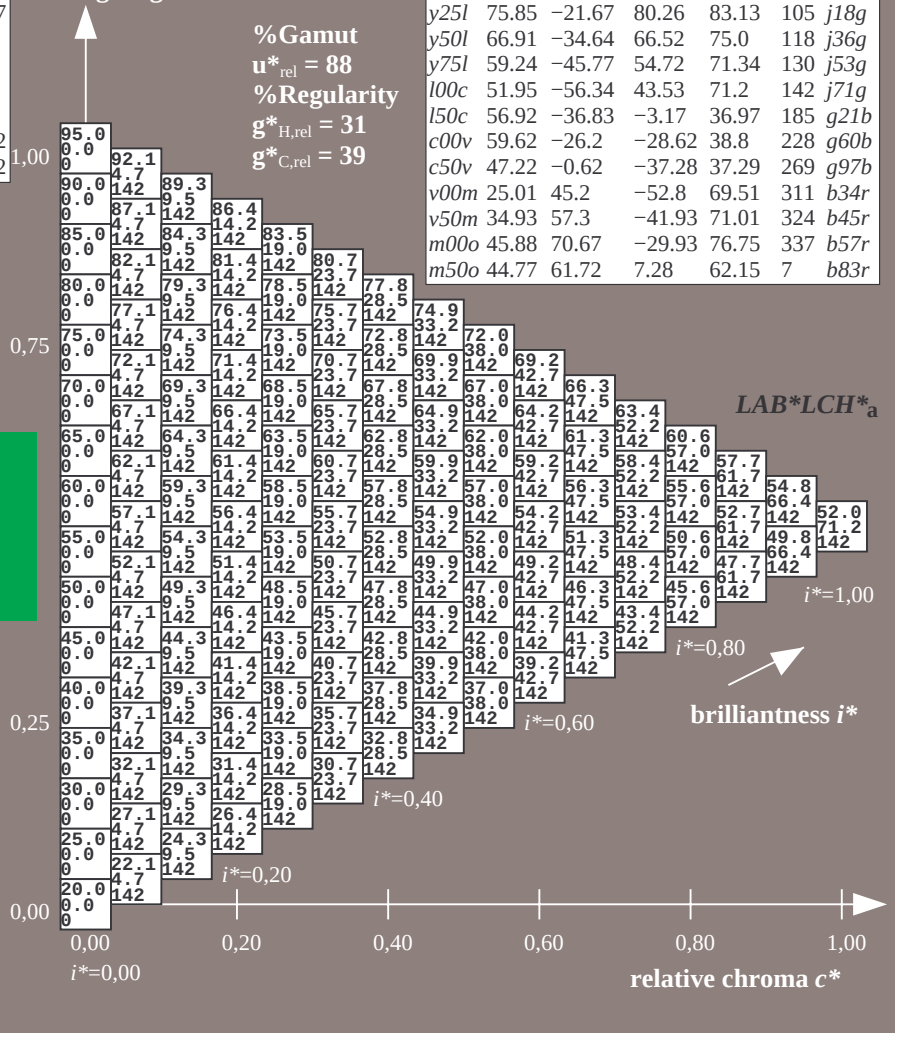
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 −56 44
$LAB^*LCH^*_{Ma}$: 52 71 142
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





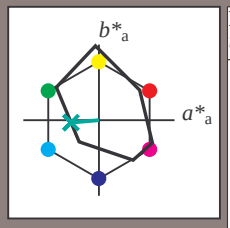
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

$u^*_d = l50c$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

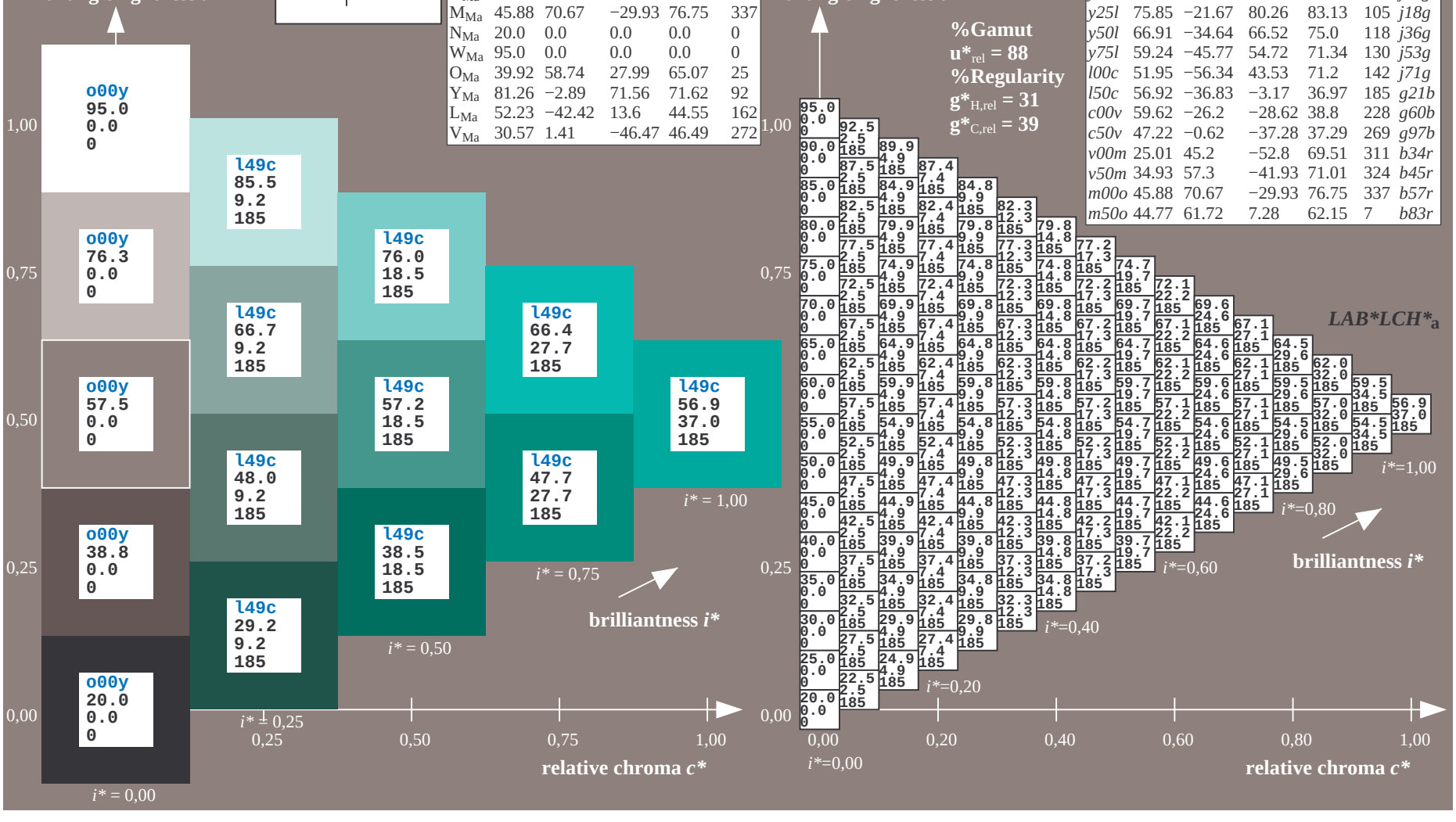
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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):
$LAB^*LAB^*_{Ma}$: 57 −37 −3
$LAB^*LCH^*_{Ma}$: 57 37 184
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.41
triangle lightness *t**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$



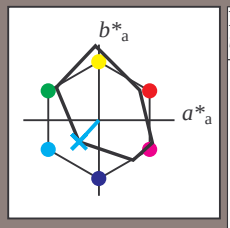
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data

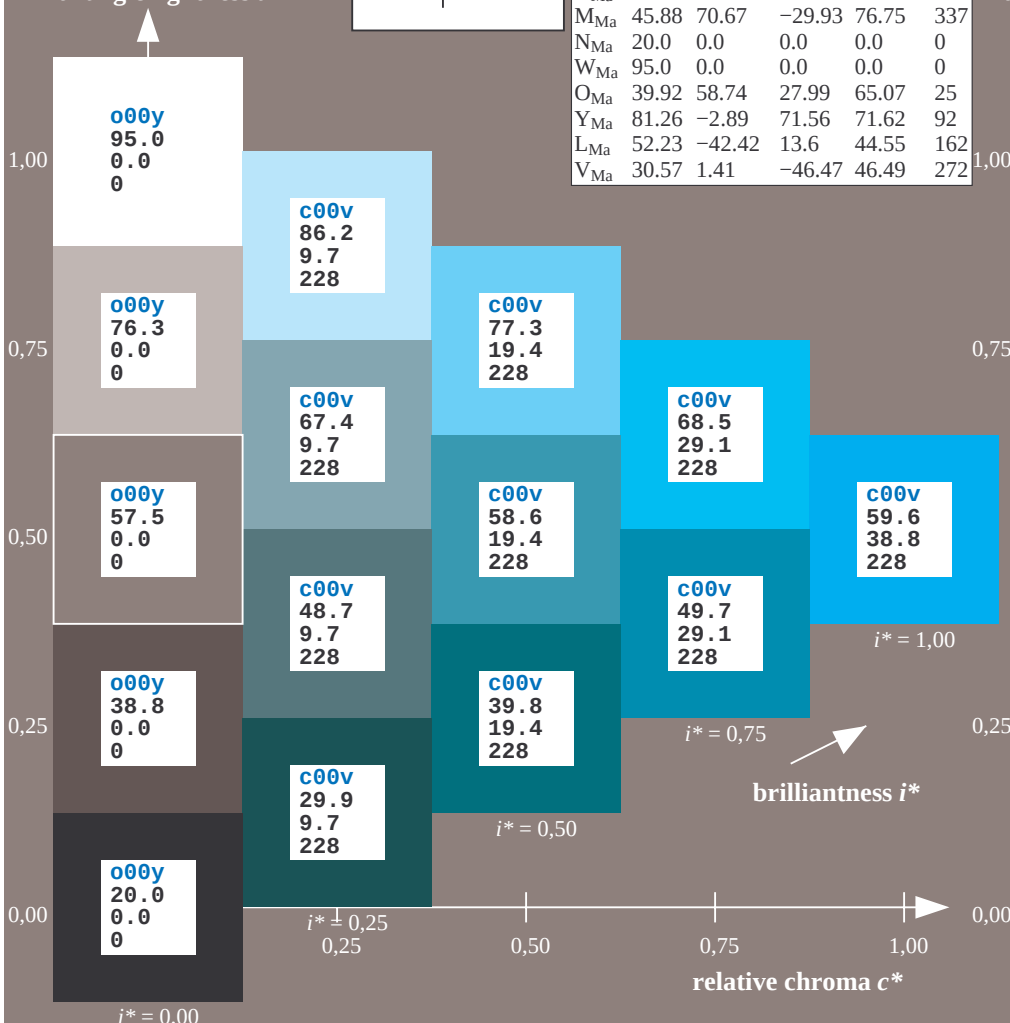
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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

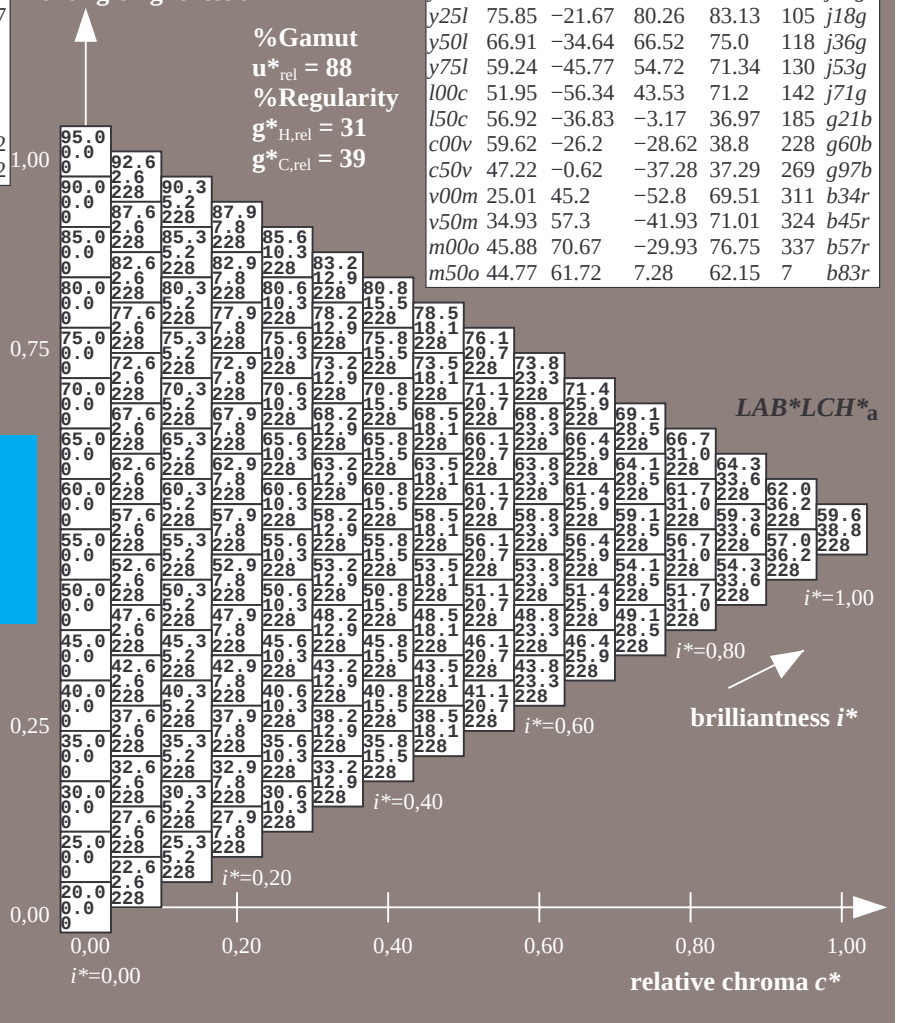
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 60 −26 −29
$LAB^*LCH^*_{Ma}$: 60 39 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.81 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



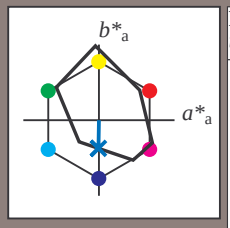


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

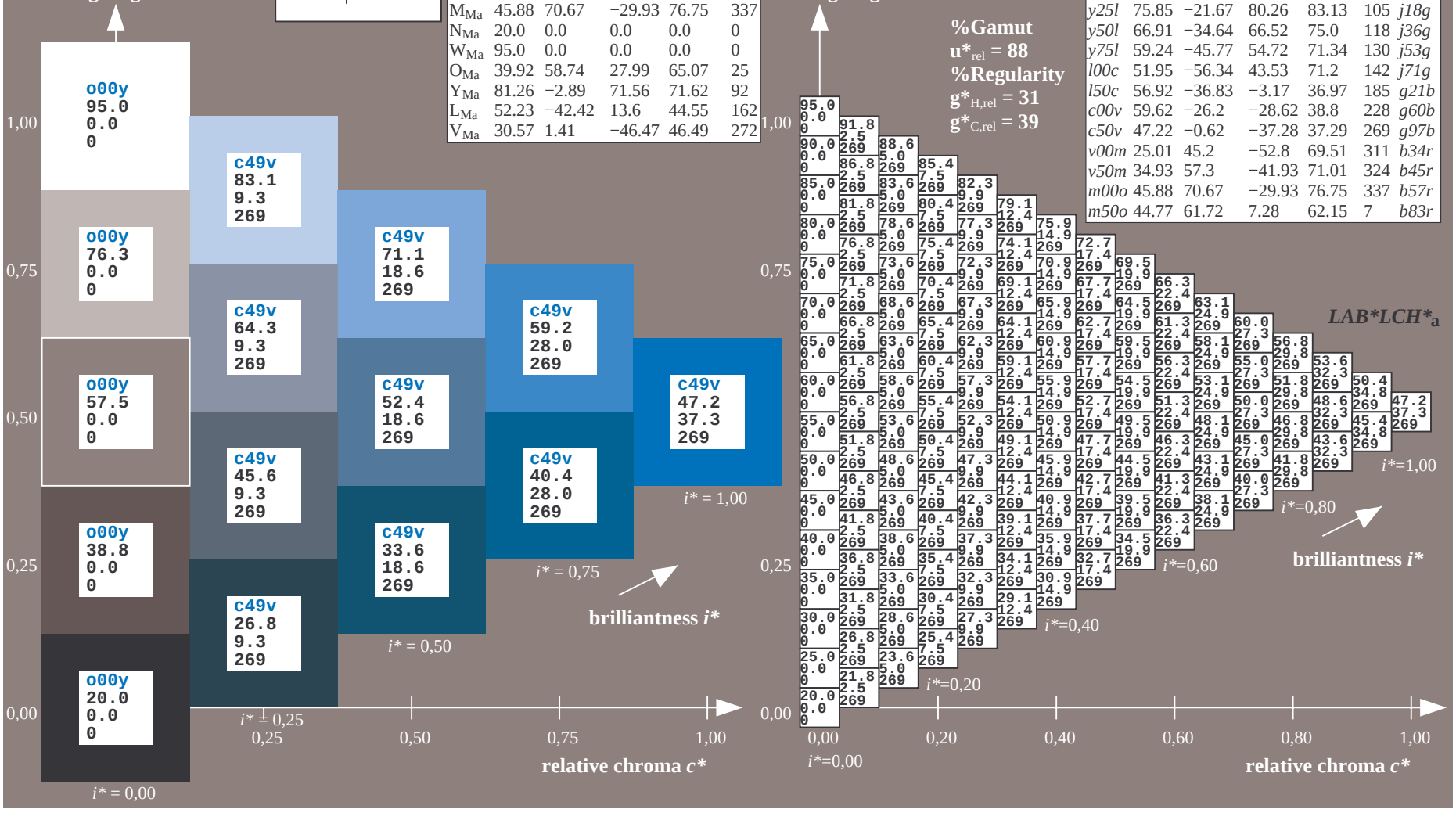
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 47 −1 −37**
***LAB*LCH*Ma*: 47 37 269**
***lab*olv*Ma*: 0.0 0.5 1.0**
***lab*rgb*Ma*: 0.0 0.05 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = c50v$
LAB*LCH*a

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

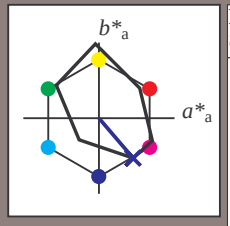


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

$u^*_d = v00m$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



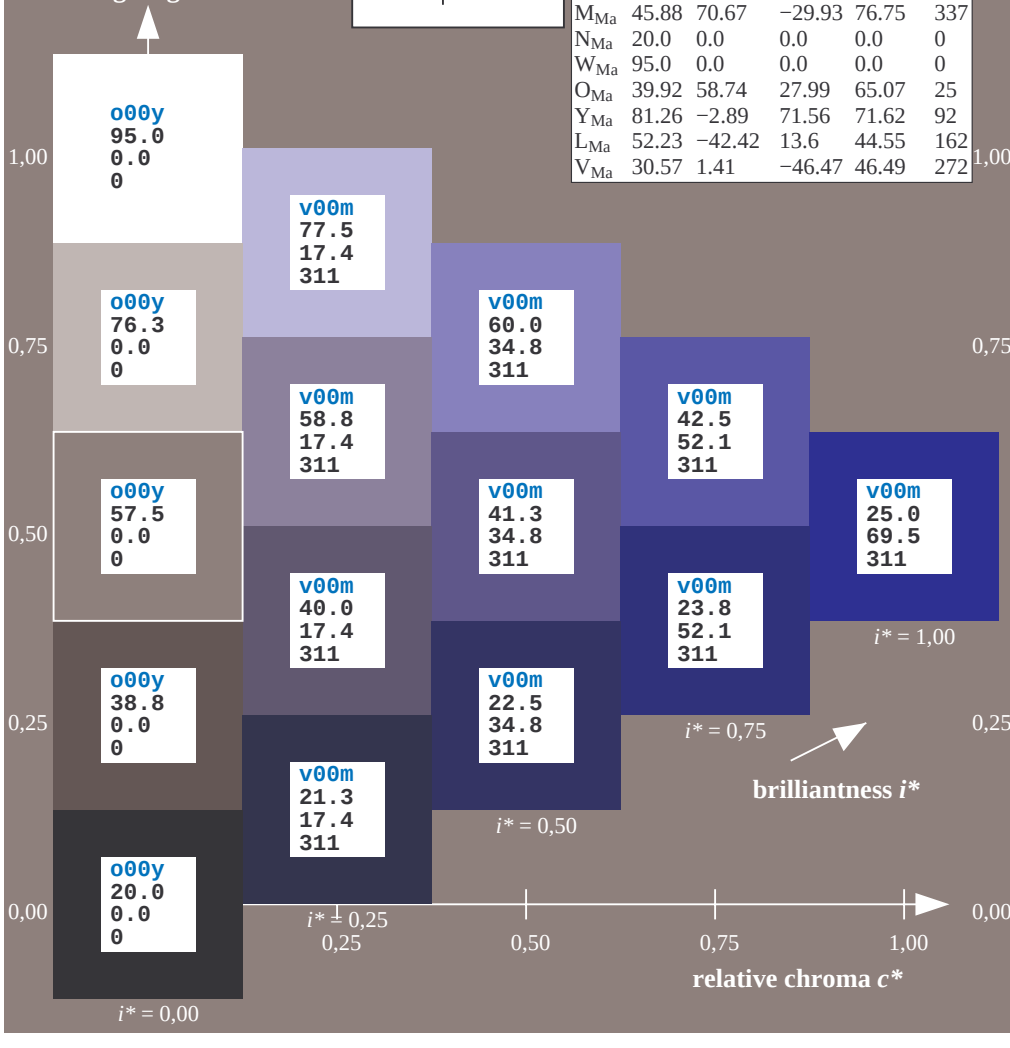
FRS12_95a; adapted (a) CIELAB data

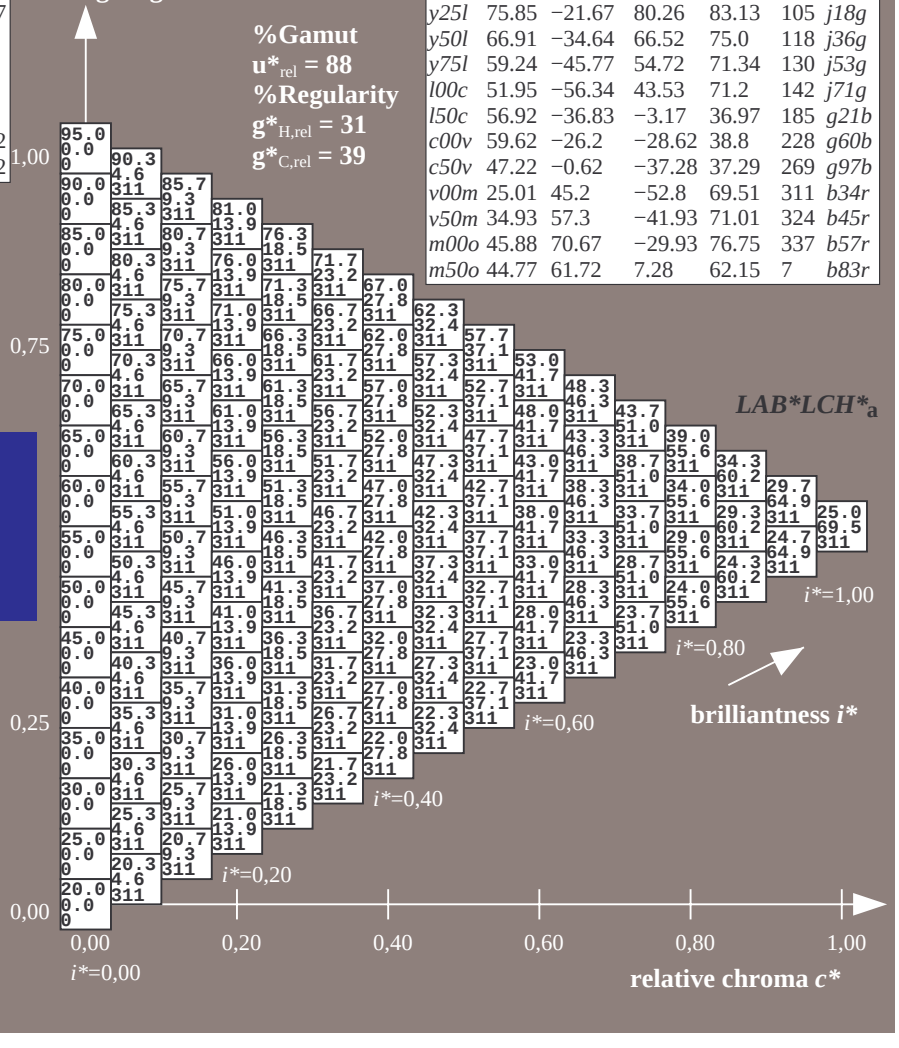
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 45 −53
$LAB^*LCH^*_{Ma}$: 25 70 310
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0
triangle lightness *t**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





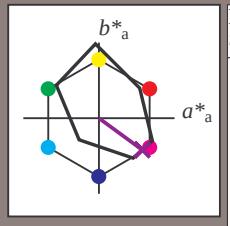
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



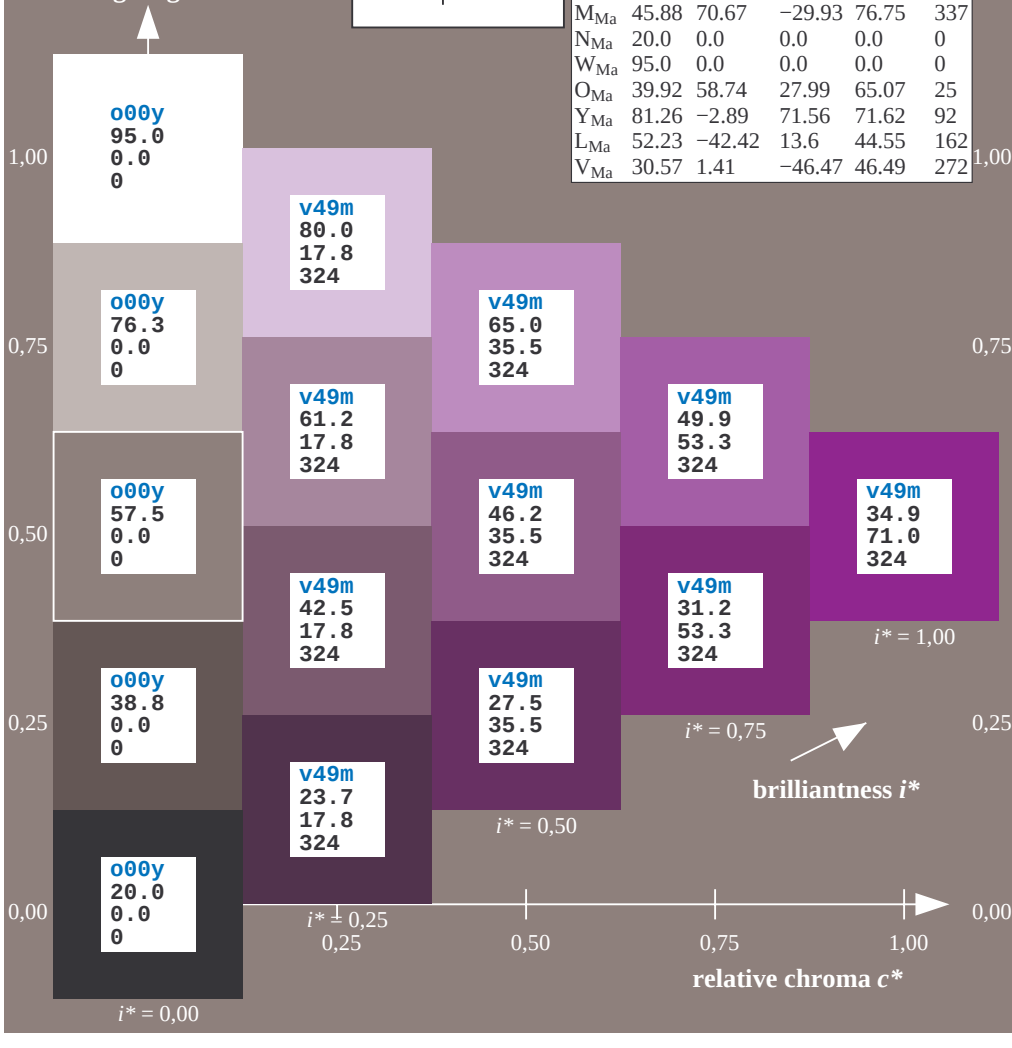
FRS12_95a; adapted (a) CIELAB data

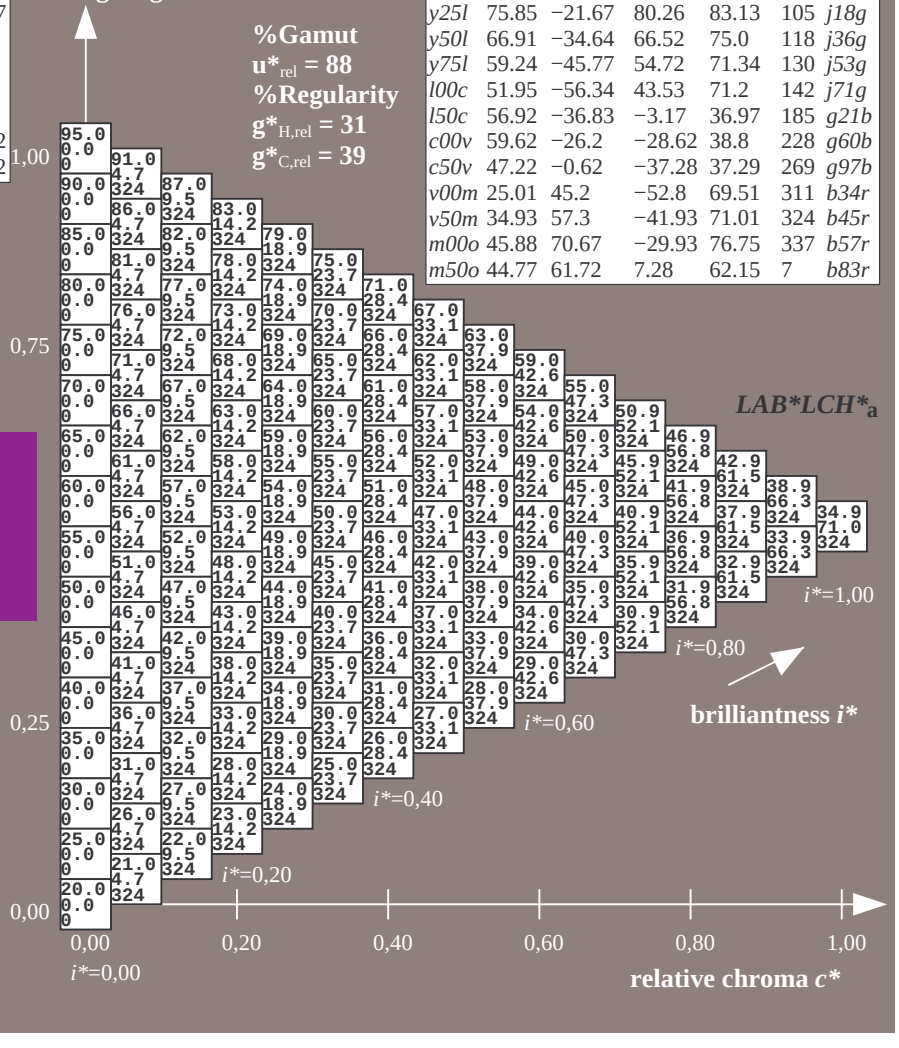
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 57 −42
$LAB^*LCH^*_{Ma}$: 35 71 323
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.92 0.0 1.0
triangle lightness *t**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





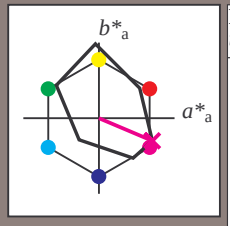
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data

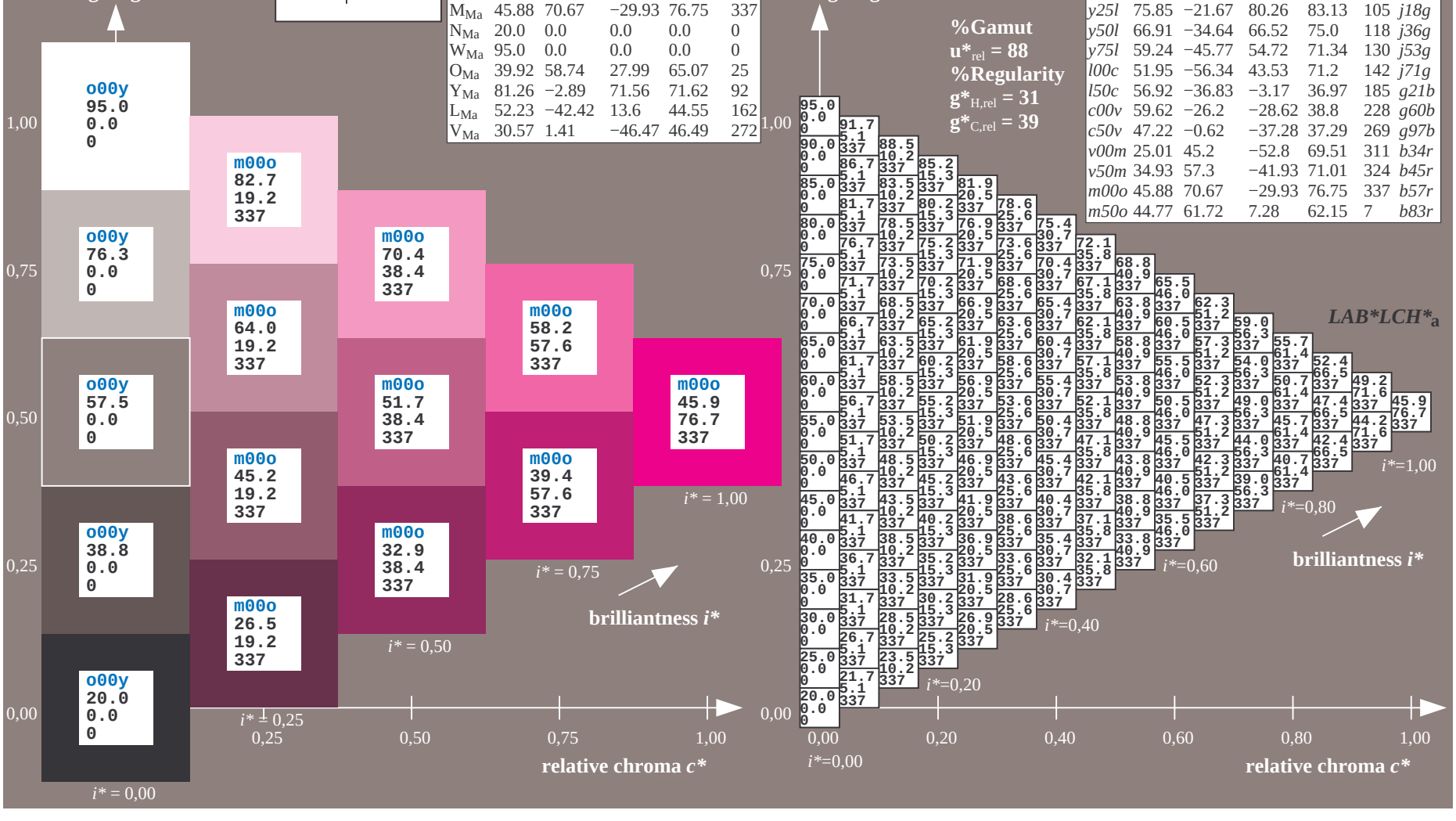
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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):
$LAB^*LAB^*_{Ma}$: 46 71 −30
$LAB^*LCH^*_{Ma}$: 46 77 337
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85
triangle lightness t^*

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



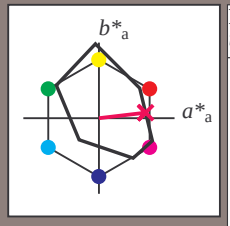
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

$u^*_d = m50o$
$LAB^*LCH^*_a$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data

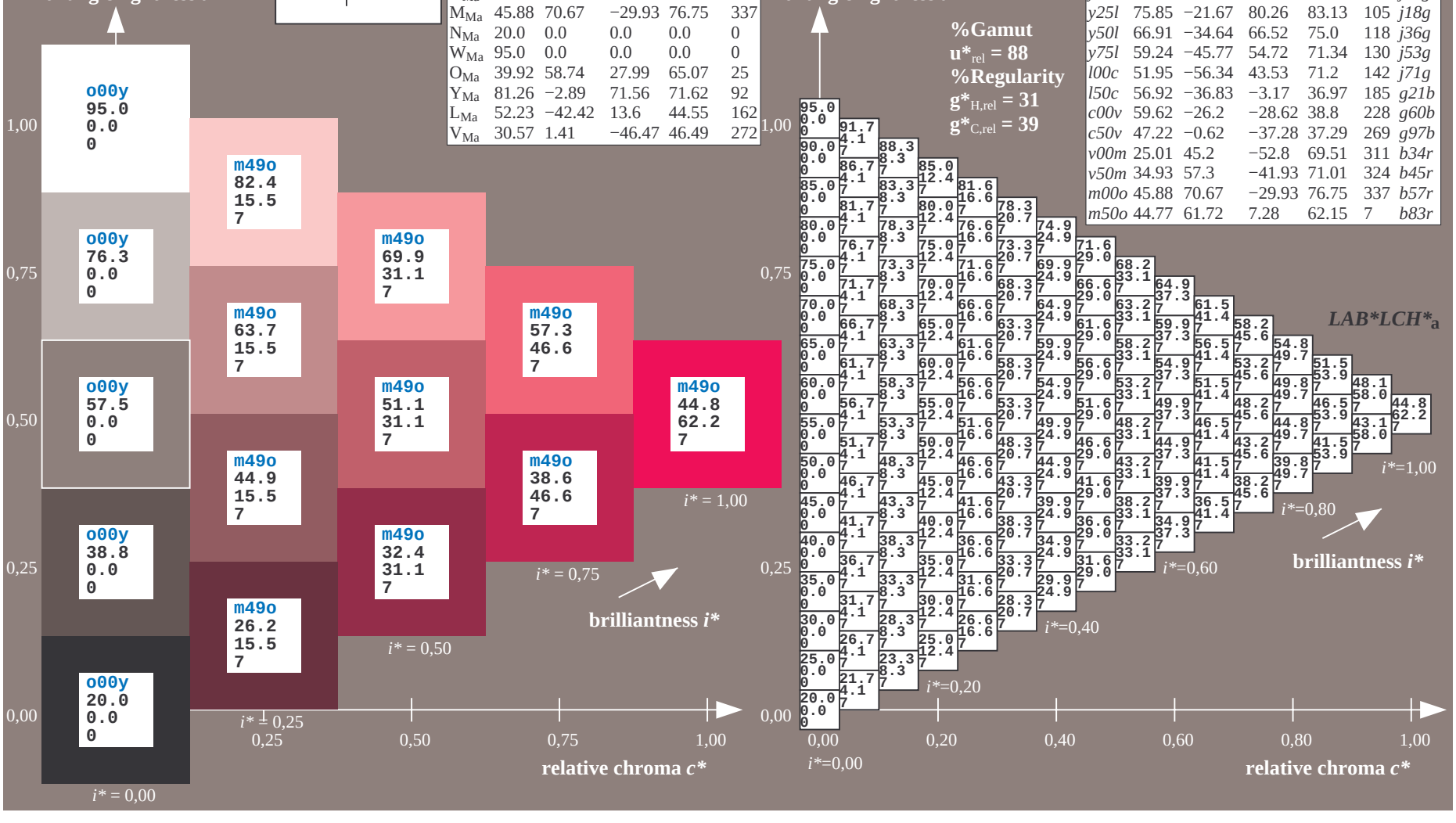
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 62 7
$LAB^*LCH^*_{Ma}$: 45 62 6
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33
triangle lightness t^*

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

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01	20.0 0.0 0	24.0 8.9 142	28.0 17.8 142	32.0 26.7 142	36.0 35.6 142	40.0 44.5 142	44.0 53.4 142	48.0 62.3 142	52.0 71.2 142
02	20.6 8.7 311	25.0 4.9 228	29.2 9.2 185	33.5 15.6 171	37.6 22.7 164	41.7 30.2 159	45.8 38.1 157	49.9 46.2 154	53.9 54.4 153
03	21.3 17.4 311	26.8 9.3 269	29.9 9.7 228	34.2 13.2 199	38.5 18.5 185	42.7 24.5 176	46.9 31.1 171	51.1 38.1 167	55.2 45.3 164
04	21.9 26.1 311	28.4 15.6 283	31.7 13.3 255	34.9 14.6 228	39.1 17.6 206	43.4 22.3 193	47.7 27.7 185	51.9 33.7 179	56.2 40.0 174
05	22.5 34.8 311	29.7 22.7 290	33.6 18.6 269	36.6 17.8 248	39.8 19.4 228	44.1 22.2 210	48.4 26.5 199	52.6 31.5 191	56.9 37.0 185
06	23.1 43.4 311	30.9 30.2 294	35.3 24.7 277	38.6 22.5 261	41.6 22.4 244	44.8 24.3 228	49.0 26.9 213	53.3 30.8 203	57.6 35.5 196
07	23.8 52.1 311	31.9 38.0 297	36.8 31.3 283	40.4 28.0 269	43.5 26.7 255	46.5 27.0 241	49.7 29.1 228	53.9 31.6 215	58.2 35.3 206
08	24.4 60.8 311	32.9 45.9 299	38.2 38.2 287	42.1 33.9 275	45.4 31.7 263	48.4 31.1 251	51.4 31.8 239	54.7 34.0 228	58.9 36.3 217
09	25.0 69.5 311	33.8 54.0 300	39.5 45.4 290	43.7 40.3 279	47.2 37.3 269	50.3 35.8 259	53.3 35.6 248	56.3 36.5 238	59.6 38.8 228
10	28.9 25.1 36	33.3 25.2 55	38.2 28.4 74	45.3 36.9 93	47.9 41.6 105	51.4 48.5 113	55.2 56.2 118	59.1 64.4 121	63.0 72.7 124
11	29.2 23.2 17	35.3 16.7 36	39.8 17.6 65	46.3 24.6 93	49.1 29.9 109	52.8 37.5 118	56.7 45.7 122	60.7 54.1 126	64.6 62.7 128
12	29.4 24.2 357	35.6 15.5 7	41.7 8.4 36	47.2 12.3 93	50.5 18.7 118	54.4 27.1 126	58.4 35.7 130	62.4 44.4 132	66.4 53.2 134
13	29.7 28.8 337	35.8 19.2 337	42.0 9.6 337	48.1 0.0 0	52.1 8.9 142	56.1 17.8 142	60.1 26.7 142	64.1 35.6 142	68.1 44.5 142
14	30.1 36.6 330	36.3 27.1 328	42.5 17.8 324	48.8 8.7 311	53.1 4.9 228	57.4 9.2 185	61.6 15.6 171	65.7 22.7 164	69.9 30.2 159
15	30.6 44.9 326	36.8 35.5 324	43.1 26.3 319	49.4 17.4 311	54.9 9.3 269	58.0 9.7 228	62.3 13.2 199	66.6 18.5 185	70.8 24.5 176
16	31.2 53.3 324	37.4 44.0 321	43.7 34.9 317	50.0 26.1 311	56.5 15.6 283	59.9 13.3 255	63.0 14.6 228	67.2 17.6 206	71.5 22.3 193
17	31.8 61.7 322	38.0 52.6 319	44.3 43.5 316	50.6 34.8 311	57.9 22.7 290	61.7 18.6 269	64.8 17.8 248	67.9 19.4 228	72.2 22.2 210
18	32.4 70.3 320	38.7 61.2 318	45.0 52.2 315	51.3 43.4 311	59.0 30.2 294	63.4 24.7 277	66.7 22.5 261	69.7 22.4 244	72.9 24.3 228
19	37.9 50.2 36	42.2 49.7 46	46.5 50.5 55	51.2 52.7 65	56.3 56.8 74	62.6 63.3 83	70.7 73.8 93	72.9 77.5 100	75.9 83.1 105
20	38.1 47.5 27	44.3 41.9 36	48.6 41.4 48	53.0 42.6 59	57.9 45.7 70	63.7 51.4 81	71.6 61.5 93	73.9 65.4 101	77.0 71.4 107
21	38.3 46.4 17	44.5 39.3 25	50.7 33.5 36	55.0 33.3 50	59.5 35.1 65	64.9 39.8 79	72.5 49.2 93	74.9 53.4 103	78.2 59.9 109
22	38.6 46.6 7	44.7 38.6 13	50.9 31.2 22	57.1 25.1 36	61.4 25.2 55	66.3 28.4 74	73.5 36.9 93	76.1 41.6 105	79.5 48.5 113
23	38.8 48.3 357	45.0 39.5 1	51.1 31.1 7	57.3 23.2 17	63.5 16.7 36	67.9 17.6 65	74.4 24.6 93	77.2 29.9 109	81.0 37.5 118
24	39.1 51.8 347	45.2 42.4 349	51.4 33.2 352	57.5 24.2 357	63.7 15.5 7	69.9 8.4 36	75.3 12.3 93	78.6 18.7 118	82.5 27.1 126
25	39.4 57.6 337	45.5 48.0 337	51.7 38.4 337	57.8 28.8 337	64.0 19.2 337	70.1 9.6 337	76.3 0.0 0	80.2 8.9 142	84.2 17.8 142
26	39.7 65.3 333	45.9 55.7 333	52.1 46.2 332	58.2 36.6 330	64.4 27.1 328	70.6 17.8 324	76.9 8.7 311	81.2 4.9 228	85.5 9.2 185
27	40.2 73.3 330	46.4 63.8 329	52.5 54.3 328	58.7 44.9 326	65.0 35.5 324	71.2 26.3 319	77.5 17.4 311	83.1 9.3 269	86.2 9.7 228

	J	K	L	M	N	O	P	Q	R
01	23.0 8.4 36	28.4 12.3 93	31.7 18.7 118	35.6 27.1 126	39.6 35.7 130	43.6 44.4 132	47.6 53.2 134	51.6 62.0 135	55.6 70.9 136
02	23.2 9.6 337	29.4 0.0 0	33.4 8.9 142	37.4 17.8 142	41.4 26.7 142	45.4 35.6 142	49.3 44.5 142	53.3 53.4 142	57.3 62.3 142
03	23.7 17.8 324	30.0 8.7 311	34.3 4.9 228	38.6 9.2 185	42.8 15.6 171	47.0 22.7 164	51.1 30.2 159	55.2 38.1 157	59.3 46.2 154
04	24.3 26.3 319	30.6 17.4 311	36.2 9.3 269	39.3 9.7 228	43.6 13.2 199	47.8 18.5 185	52.1 24.5 176	56.3 31.1 171	60.4 38.1 167
05	25.0 34.9 317	31.3 26.1 311	37.8 15.6 283	41.1 13.3 255	44.2 14.6 228	48.5 17.6 206	52.8 22.3 193	57.1 27.7 185	61.3 33.7 179
06	25.6 43.5 316	31.9 34.8 311	39.1 22.7 290	43.0 18.6 269	46.0 17.8 248	49.2 19.4 228	53.4 22.2 210	57.7 26.5 199	62.0 31.5 191
07	26.2 52.2 315	32.5 43.4 311	40.3 30.2 294	44.7 24.7 277	48.0 22.5 261	50.9 22.4 244	54.1 24.3 228	58.4 26.9 213	62.7 30.8 203
08	26.8 60.9 314	33.1 52.1 311	41.3 38.0 297	46.2 31.3 283	49.8 28.0 269	52.9 26.7 255	55.8 27.0 241	59.1 29.1 228	63.3 31.6 215
09	27.5 69.5 314	33.8 60.8 311	42.2 45.9 299	47.6 38.2 287	51.5 33.9 275	54.8 31.7 263	57.8 31.1 251	60.8 31.8 239	64.0 34.0 228
10	31.9 33.5 36	36.2 33.3 50	40.8 35.1 65	46.2 39.8 79	53.8 49.2 93	56.2 53.4 103	59.5 59.9 109	63.1 67.2 114	66.9 75.0 118
11	32.2 31.2 22	38.3 25.1 36	42.6 25.2 55	47.5 28.4 74	54.7 36.9 93	57.3 41.6 105	60.8 48.5 113	64.6 56.2 118	68.4 64.4 121
12	32.4 31.1 7	38.5 23.2 17	44.7 16.7 36	49.1 17.6 65	55.6 24.6 93	58.5 29.9 109	62.2 37.5 118	66.1 45.7 122	70.0 54.1 126
13	32.6 33.2 352	38.8 24.2 357	44.9 15.5 7	51.1 8.4 36	56.6 12.3 93	59.9 18.7 118	63.8 27.1 126	67.7 35.7 130	71.7 44.4 132
14	32.9 38.4 337	39.1 28.8 337	45.2 19.2 337	51.4 9.6 337	57.5 0.0 0	61.5 8.9 142	65.5 17.8 142	69.5 26.7 142	73.5 35.6 142
15	33.3 46.2 332	39.5 36.6 330	45.6 27.1 328	51.9 17.8 324	58.1 8.7 311	62.5 4.9 228	66.7 9.2 185	71.0 15.6 171	75.1 22.7 164
16	33.8 54.3 328	40.0 44.9 326	46.2 35.5 324	52.5 26.3 319	58.8 17.4 311	64.3 9.3 269	67.4 9.7 228	71.7 13.2 199	76.0 18.5 185
17	34.3 62.6 326	40.6 53.3 324	46.8 44.0 321	53.1 34.9 317	59.4 26.1 311	65.9 15.6 283	69.2 13.3 255	72.4 14.6 228	76.6 17.6 206
18	34.9 71.0 324	41.2 61.7 322	47.4 52.6 319	53.7 43.5 316	60.0 34.8 311	67.2 22.7 290	71.1 18.6 269	74.1 17.8 248	77.3 19.4 228
19	40.8 58.6 36	45.2 58.0 44	49.5 58.4 52	54.0 60.1 61	58.8 63.2 69	64.3 68.0 77	70.9 75.3 85	79.1 86.1 93	81.2 89.6 99
20	41.1 55.8 28	47.2 50.2 36	51.6 49.7 46	55.9 50.5 55	60.5 52.7 65	65.7 56.8 74	72.0 63.3 83	80.1 73.8 93	82.2 77.5 100
21	41.3 54.3 19	47.5 47.5 27	53.6 41.9 36	58.0 41.4 48	62.4 42.6 59	67.2 45.7 70	73.1 51.4 81	81.0 61.5 93	83.3 65.4 101
22	41.6 54.1 11	47.7 46.4 17	53.9 39.3 25	60.0 33.5 36	64.4 33.3 50	68.9 35.1 65	74.3 39.8 79	81.9 49.2 93	84.3 53.4 103
23	41.8 55.0 2	48.0 46.6 7	54.1 38.6 13	60.3 31.2 22	66.4 25.1 36	70.8 25.2 55	75.7 28.4 74	82.8 36.9 93	85.4 41.6 105
24	42.0 57.3 354	48.2 48.3 357	54.4 39.5 1	60.5 31.1 7	66.7 23.2 17	72.8 16.7 36	77.3 17.6 65	83.8 24.6 93	86.6 29.9 109
25	42.3 61.2 346	48.5 51.8 347	54.6 42.4 349	60.8 33.2 352	66.9 24.2 357	73.1 15.5 7	79.2 8.4 36	84.7 12.3 93	88.0 18.7 118
26	42.6 67.2 337	48.8 57.6 337	54.9 48.0 337	61.1 38.4 337	67.2 28.8 337	73.3 19.2 337	79.5 9.6 337	85.6 0.0 0	89.6 8.9 142
27	43.0 74.8 334	49.1 65.3 333	55.3 55.7 333	61.4 46.2 332	67.6 36.6 330	73.8 27.1 328	80.0 17.8 324	86.3 8.7 311	90.6 4.8 228

	S	T	U	V	W	X	Y	Z	a
01	26.0 16.7 36	30.4 17.6 65	36.9 24.6 93	39.7 29.9 109	43.5 37.5 118	47.3 45.7 122	51.3 54.1 126	55.3 62.7 128	59.2 71.3 130
02	26.2 15.5 7	32.4 8.4 36	37.8 12.3 93	41.1 18.7 118	45.0 27.1 126	49.0 35.7 130	53.0 44.4 132	57.0 53.2 134	61.0 62.0 135
03	26.5 19.2 337	32.6 9.6 337	38.8 0.0 0	42.7 8.9 142	46.7 17.8 142	50.7 26.7 142	54.7 35.6 142	58.7 44.5 142	62.7 53.4 142
04	26.9 27.1 328	33.1 17.8 324	39.4 8.7 311	43.7 4.9 228	48.0 9.2 185	52.2 15.6 171	56.4 22.7 164	60.5 30.2 159	64.6 38.1 157
05	27.5 35.5 324	33.7 26.3 319	40.0 17.4 311	45.6 9.3 269	48.7 9.7 228	52.9 13.2 199	57.2 18.5 185	61.4 24.5 176	65.7 31.1 171
06	28.1 44.0 321	34.3 34.9 317	40.6 26.1 311	47.2 15.6 283	50.5 13.3 255	53.6 14.6 228	57.9 17.6 206	62.2 22.3 193	66.4 27.7 185
07	28.7 52.6 319	35.0 43.5 316	41.3 34.8 311	48.5 22.7 290	52.4 18.6 269	55.4 17.8 248	58.6 19.4 228	62.8 22.2 210	67.1 26.5 199
08	29.3 61.2 318	35.6 52.2 315	41.9 43.4 311	49.6 30.2 294	54.0 24.7 277	57.3 22.5 261	60.3 22.4 244	63.5 24.3 228	67.8 26.9 213
09	29.9 69.8 317	36.2 60.9 314	42.5 52.1 311	50.7 38.0 297	55.6 31.3 283	59.2 28.0 269	62.2 26.7 255	65.2 27.0 241	68.5 29.1 228
10	34.9 41.9 36	39.2 41.4 48	43.6 42.6 59	48.5 45.7 70	54.3 51.4 81	62.2 61.5 93	64.5 65.4 101	67.6 71.4 107	71.2 78.4 111
11	35.1 39.3 25	41.3 33.5 36	45.6 33.3 50	50.1 35.1 65	55.6 39.8 79	63.2 49.2 93	65.6 53.4 103	68.9 59.9 109	72.5 67.2 114
12	35.4 38.6 13	41.5 31.2 22	47.7 25.1 36	52.0 25.2 55	56.9 28.4 74	64.1 36.9 93	66.7 41.6 105	70.2 48.5 113	73.9 56.2 118
13	35.6 39.5 1	41.8 31.1 7	47.9 23.2 17	54.1 16.7 36	58.5 17.6 65	65.0 24.6 93	67.9 29.9 109	71.6 37.5 118	75.5 45.7 122
14	35.9 42.4 349	42.0 33.2 352	48.2 24.2 357	54.3 15.5 7	60.5 8.4 36	65.9 12.3 93	69.2 18.7 118	73.1 27.1 126	77.1 35.7 130
15	36.2 48.0 337	42.3 38.4 337	48.5 28.8 337	54.6 19.2 337	60.7 9.6 337	66.9 0.0 0	70.9 8.9 142	74.9 17.8 142	78.9 26.7 142
16	36.5 55.7 333	42.7 46.2 332	48.8 36.6 330	55.0 27.1 328	61.2 17.8 324	67.5 8.7 311	71.8 4.9 228	76.1 9.2 185	80.3 15.6 171
17	37.0 63.8 329	43.2 54.3 328	49.4 44.9 326	55.6 35.5 324	61.8 26.3 319	68.1 17.4 311	73.7 9.3 269	76.8 9.7 228	81.1 13.2 199
18	37.5 72.0 327	43.7 62.6 326	49.9 53.3 324	56.2 44.0 321	62.5 34.9 317	68.8 26.1 311	75.3 15.6 283	78.6 13.3 255	81.7 14.6 228
19	43.8 67.0 36	48.1 66.3 43	52.5 66.5 50	56.9 67.8 58	61.5 70.3 65	66.6 74.1 72	72.4 79.5 79	79.2 87.3 86	87.6 98.4 93
20	44.1 64.0 29	50.2 58.6 36	54.5 58.0 44	58.9 58.4 52	63.4 60.1 61	68.2 63.2 69	73.7 68.0 77	80.2 75.3 85	88.5 86.1 93
21	44.3 62.3 22	50.5 55.8 28	56.6 50.2 36	60.9 49.7 46	65.3 50.5 55	69.9 52.7 65	75.1 56.8 74	81.3 63.3 83	89.4 73.8 93
22	44.5 61.7 14	50.7 54.3 19	56.9 47.5 27	63.0 41.9 36	67.3 41.4 48	71.7 42.6 59	76.6 45.7 70	82.5 51.4 81	90.4 61.5 93
23	44.8 62.2 7	50.9 54.1 11	57.1 46.4 17	63.3 39.3 25	69.4 33.5 36	73.7 33.3 50	78.3 35.1 65	83.7 39.8 79	91.3 49.2 93
24	45.0 63.7 359	51.2 55.0 2	57.3 46.6 7	63.5 38.6 13	69.7 31.2 22	75.8 25.1 36	80.1 25.2 55	85.0 28.4 74	92.2 36.9 93
25	45.3 66.4 352	51.4 57.3 354	57.6 48.3 357	63.7 39.5 1	69.9 31.1 7	76.0 23.2 17	82.2 16.7 36	86.6 17.6 65	93.1 24.6 93
26	45.5 70.6 344	51.7 61.2 346	57.8 51.8 347	64.0 42.4 349	70.1 33.2 352	76.3 24.2 357	82.4 15.5 7	88.6 8.4 36	94.1 12.3 93
27	45.9 76.7 337	52.0 67.2 337	58.2 57.6 337	64.3 48.0 337	70.4 38.4 337	76.6 28.8 337	82.7 19.2 337	88.9 9.6 337	95.0 0.0 0

	b	c	d	e	f	g	h	i	j	k	LAB*LCH*a		
01	95.0 0.0 0	88.6 8.4 36	82.2 16.7 36	75.8 25.1 36	69.4 33.5 36	63.0 41.9 36	56.6 50.2 36	50.2 58.6 36	43.8 67.0 36	20.0 0.0 0	20.0 0.0 0	20.0 0.0 0	20.0 0.0 0
02	90.6 4.8 228	85.6 0.0 0	79.2 8.4 36	72.8 16.7 36	66.4 25.1 36	60.0 33.5 36	53.6 41.9 36	47.2 50.2 36	40.8 58.6 36	29.4 0.0 0	29.4 0.0 0	29.4 0.0 0	29.4 0.0 0
03	86.2 9.7 228	81.2 4.9 228	76.3 0.0 0	69.9 8.4 36	63.5 16.7 36	57.1 25.1 36	50.7 33.5 36	44.3 41.9 36	37.9 50.2 36	38.8 0.0 0	38.8 0.0 0	38.8 0.0 0	38.8 0.0 0
04	81.7 14.6 228	76.8 9.7 228	71.8 4.9 228	66.9 0.0 0	60.5 8.4 36	54.1 16.7 36	47.7 25.1 36	41.3 33.5 36	34.9 41.9 36	48.1 0.0 0	48.1 0.0 0	48.1 0.0 0	48.1 0.0 0
05	77.3 19.4 228	72.4 14.6 228	67.4 9.7 228	62.5 4.9 228	57.5 0.0 0	51.1 8.4 36	44.7 16.7 36	38.3 25.1 36	31.9 33.5 36	57.5 0.0 0	57.5 0.0 0	57.5 0.0 0	57.5 0.0 0
06	72.9 24.3 228	67.9 19.4 228	63.0 14.6 228	58.0 9.7 228	53.1 4.9 228	48.1 0.0 0	41.7 8.4 36	35.3 16.7 36	28.9 25.1 36	66.9 0.0 0	66.9 0.0 0	66.9 0.0 0	66.9 0.0 0
07	68.5 29.1 228	63.5 24.3 228	58.6 19.4 228	53.6 14.6 228	48.7 9.7 228	43.7 4.9 228	38.8 0.0 0	32.4 8.4 36	26.0 16.7 36	76.3 0.0 0	76.3 0.0 0	76.3 0.0 0	76.3 0.0 0
08	64.0 34.0 228	59.1 29.1 228	54.1 24.3 228	49.2 19.4 228	44.2 14.6 228	39.3 9.7 228	34.3 4.9 228	29.4 0.0 0	23.0 8.4 36	85.6 0.0 0	85.6 0.0 0	85.6 0.0 0	85.6 0.0 0
09	59.6 38.8 228	54.7 34.0 228	49.7 29.1 228	44.8 24.3 228	39.8 19.4 228	34.9 14.6 228	29.9 9.7 228	25.0 4.9 228	20.0 0.0 0	95.0 0.0 0	95.0 0.0 0	95.0 0.0 0	95.0 0.0 0
10	95.0 0.0 0	94.1 12.3 93	93.1 24.6 93	92.2 36.9 93	91.3 49.2 93	90.4 61.5 93	89.4 73.8 93	88.5 86.1 93	87.6 98.4 93	20.0 0.0 0	20.0 0.0 0	20.0 0.0 0	20.0 0.0 0
11	86.3 8.7 311	85.6 0.0 0	84.7 12.3 93	83.8 24.6 93	82.8 36.9 93	81.9 49.2 93	81.0 61.5 93	80.1 73.8 93	79.1 86.1 93	25.0 0.0 0	25.0 0.0 0	25.0 0.0 0	25.0 0.0 0
12	77.5 17.4 311	76.9 8.7 311	76.3 0.0 0	75.3 12.3 93	74.4 24.6 93	73.5 36.9 93	72.5 49.2 93	71.6 61.5 93	70.7 73.8 93	30.0 0.0 0	30.0 0.0 0	30.0 0.0 0	30.0 0.0 0
13	68.8 26.1 311	68.1 17.4 311	67.5 8.7 311	66.9 0.0 0	65.9 12.3 93	65.0 24.6 93	64.1 36.9 93	63.2 49.2 93	62.2 61.5 93	35.0 0.0 0	35.0 0.0 0	35.0 0.0 0	35.0 0.0 0
14	60.0 34.8 311	59.4 26.1 311	58.8 17.4 311	58.1 8.7 311	57.5 0.0 0	56.6 12.3 93	55.6 24.6 93	54.7 36.9 93	53.8 49.2 93	40.0 0.0 0	40.0 0.0 0	40.0 0.0 0	40.0 0.0 0
15	51.3 43.4 311	50.6 34.8 311	50.0 26.1 311	49.4 17.4 311	48.8 8.7 311	48.1 0.0 0	47.2 12.3 93	46.3 24.6 93	45.3 36.9 93	45.0 0.0 0	45.0 0.0 0	45.0 0.0 0	45.0 0.0 0
16	42.5 52.1 311	41.9 43.4 311	41.3 34.8 311	40.6 26.1 311	40.0 17.4 311	39.4 8.7 311	38.8 0.0 0	37.8 12.3 93	36.9 24.6 93	50.0 0.0 0	50.0 0.0 0	50.0 0.0 0	50.0 0.0 0
17	33.8 60.8 311	33.1 52.1 311	32.5 43.4 311	31.9 34.8 311	31.3 26.1 311	30.6 17.4 311	30.0 8.7 311	29.4 0.0 0	28.4 12.3 93	55.0 0.0 0	55.0 0.0 0	55.0 0.0 0	55.0 0.0 0
18	25.0 69.5 311	24.4 60.8 311	23.8 52.1 311	23.1 43.4 311	22.5 34.8 311	21.9 26.1 311	21.3 17.4 311	20.6 8.7 311	20.0 0.0 0	60.0 0.0 0	60.0 0.0 0	60.0 0.0 0	60.0 0.0 0
19	95.0 0.0 0	89.6 8.9 142	84.2 17.8 142	78.9 26.7 142	73.5 35.6 142	68.1 44.5 142	62.7 53.4 142	57.3 62.3 142	52.0 71.2 142	65.0 0.0 0	65.0 0.0 0	65.0 0.0 0	65.0 0.0 0
20	88.9 9.6 337	85.6 0.0 0	80.2 8.9 142	74.9 17.8 142	69.5 26.7 142	64.1 35.6 142	58.7 44.5 142	53.3 53.4 142	48.0 62.3 142	70.0 0.0 0	70.0 0.0 0	70.0 0.0 0	70.0 0.0 0
21	82.7 19.2 337	79.5 9.6 337	76.3 0.0 0	70.9 8.9 142	65.5 17.8 142	60.1 26.7 142	54.7 35.6 142	49.3 44.5 142	44.0 53.4 142	75.0 0.0 0	75.0 0.0 0	75.0 0.0 0	75.0 0.0 0
22	76.6 28.8 337	73.3 19.2 337	70.1 9.6 337	66.9 0.0 0	61.5 8.9 142	56.1 17.8 142	50.7 26.7 142	45.4 35.6 142	40.0 44.5 142	80.0 0.0 0	80.0 0.0 0	80.0 0.0 0	80.0 0.0 0
23	70.4 38.4 337	67.2 28.8 337	64.0 19.2 337	60.7 9.6 337	57.5 0.0 0	52.1 8.9 142	46.7 17.8 142	41.4 26.7 142	36.0 35.6 142	85.0 0.0 0	85.0 0.0 0	85.0 0.0 0	85.0 0.0 0
24	64.3 48.0 337	61.1 38.4 337	57.8 28.8 337	54.6 19.2 337	51.4 9.6 337	48.1 0.0 0	42.7 8.9 142	37.4 17.8 142	32.0 26.7 142	90.0 0.0 0	90.0 0.0 0	90.0 0.0 0	90.0 0.0 0
25	58.2 57.6 337	54.9 48.0 337	51.7 38.4 337	48.5 28.8 337	45.2 19.2 337	42.0 9.6 337	38.8 0.0 0	33.4 8.9 142	28.0 17.8 142	95.0 0.0 0	95.0 0.0 0	95.0 0.0 0	95.0 0.0 0
26	52.0 67.2 337	48.8 57.6 337	45.5 48.0 337	42.3 38.4 337	39.1 28.8 337	35.8 19.2 337	32.6 9.6 337	29.4 0.0 0	24.0 8.9 142	20.0 0.0 0	43.8 67.0 36	87.6 98.4 93	52.0 71.2 142
27	45.9 76.7 337	42.6 67.2 337	39.4 57.6 337	36.2 48.0 337	32.9 38.4 337	29.7 28.8 337	26.5 19.2 337	23.2 9.6 337	20.0 0.0 0	95.0 0.0 0	59.6 38.8 228	25.0 69.5 311	45.9 76.7 337

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

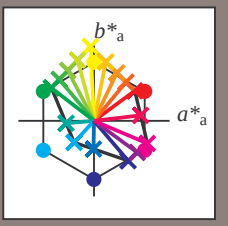
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System FRS12_95a
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 = 0.9

FRS12_95a; adapted (a) CIELAB data

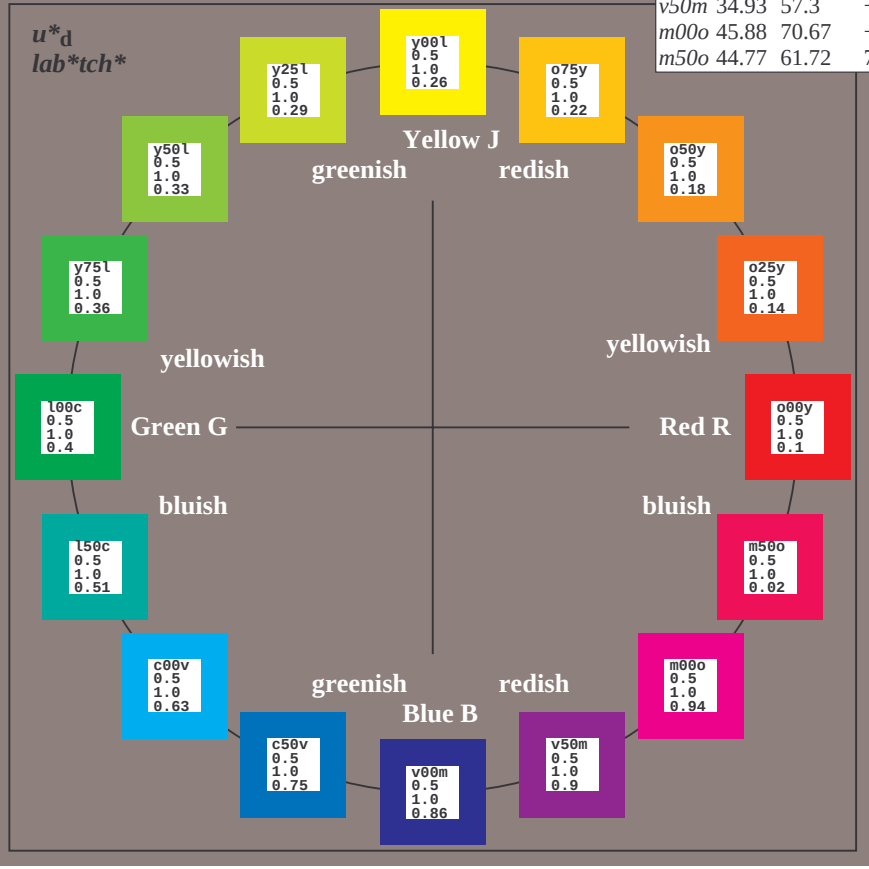
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

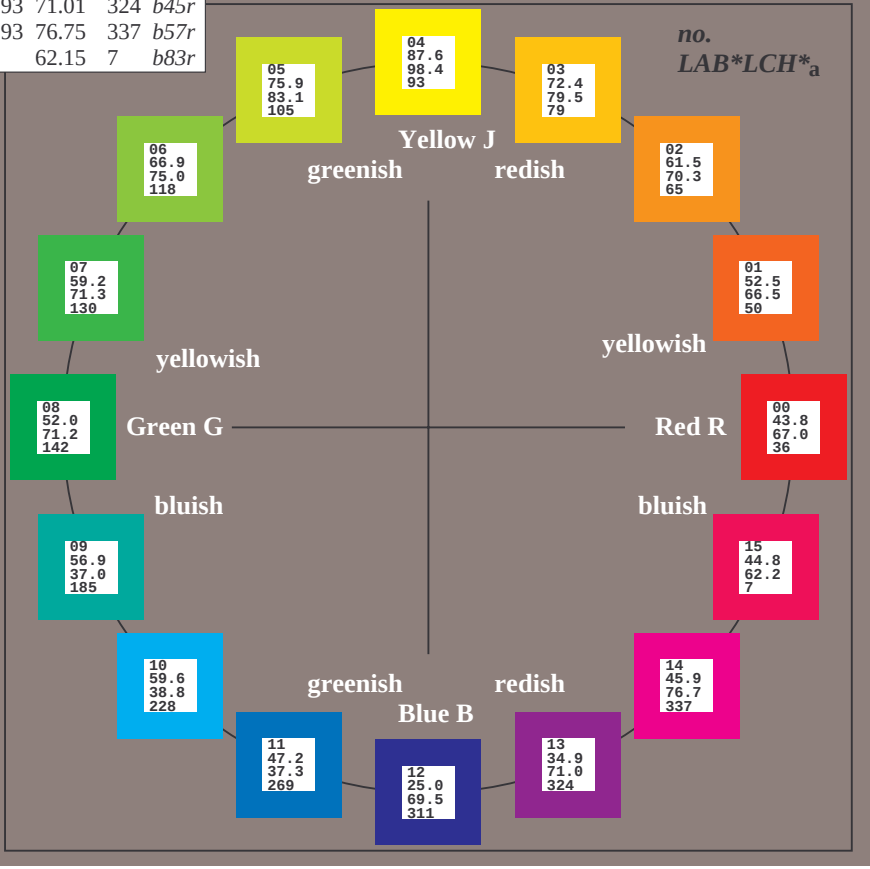


%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

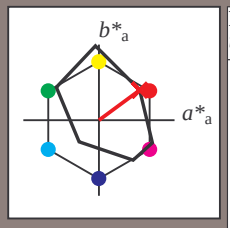
Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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





Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r16j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

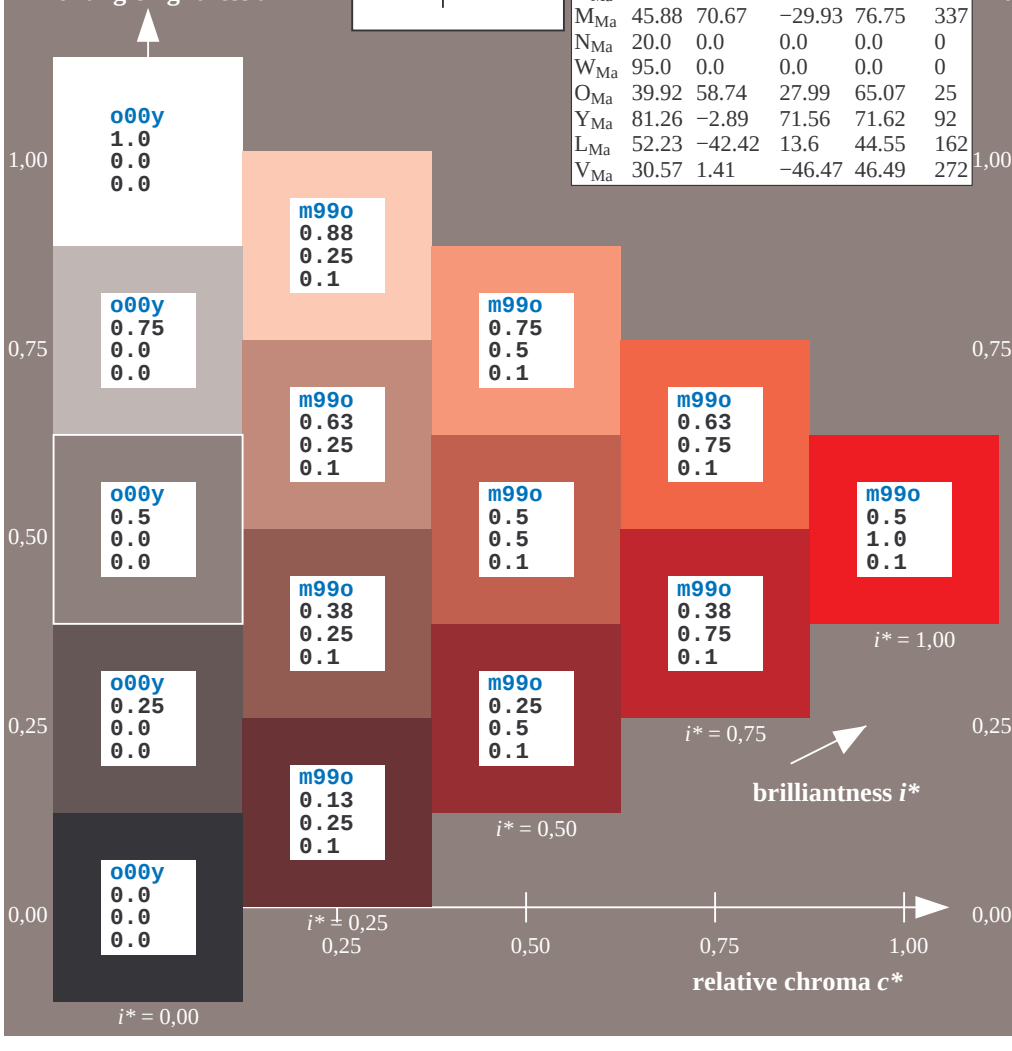
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 44 54 40
*LAB*LCH**$_{Ma}$: 44 67 36
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.16 0.0
triangle lightness *t**

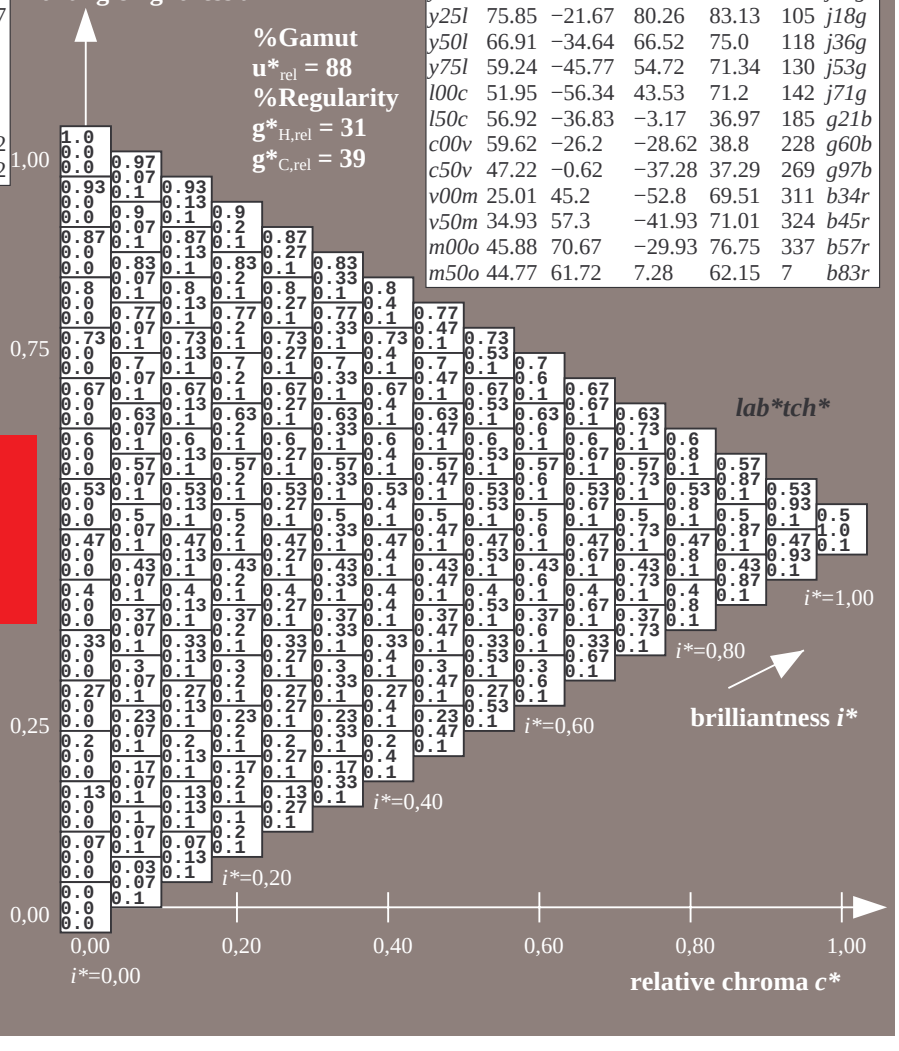
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o00y*
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



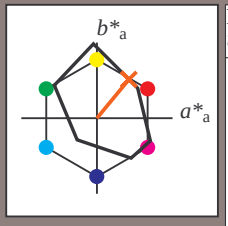


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r37j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

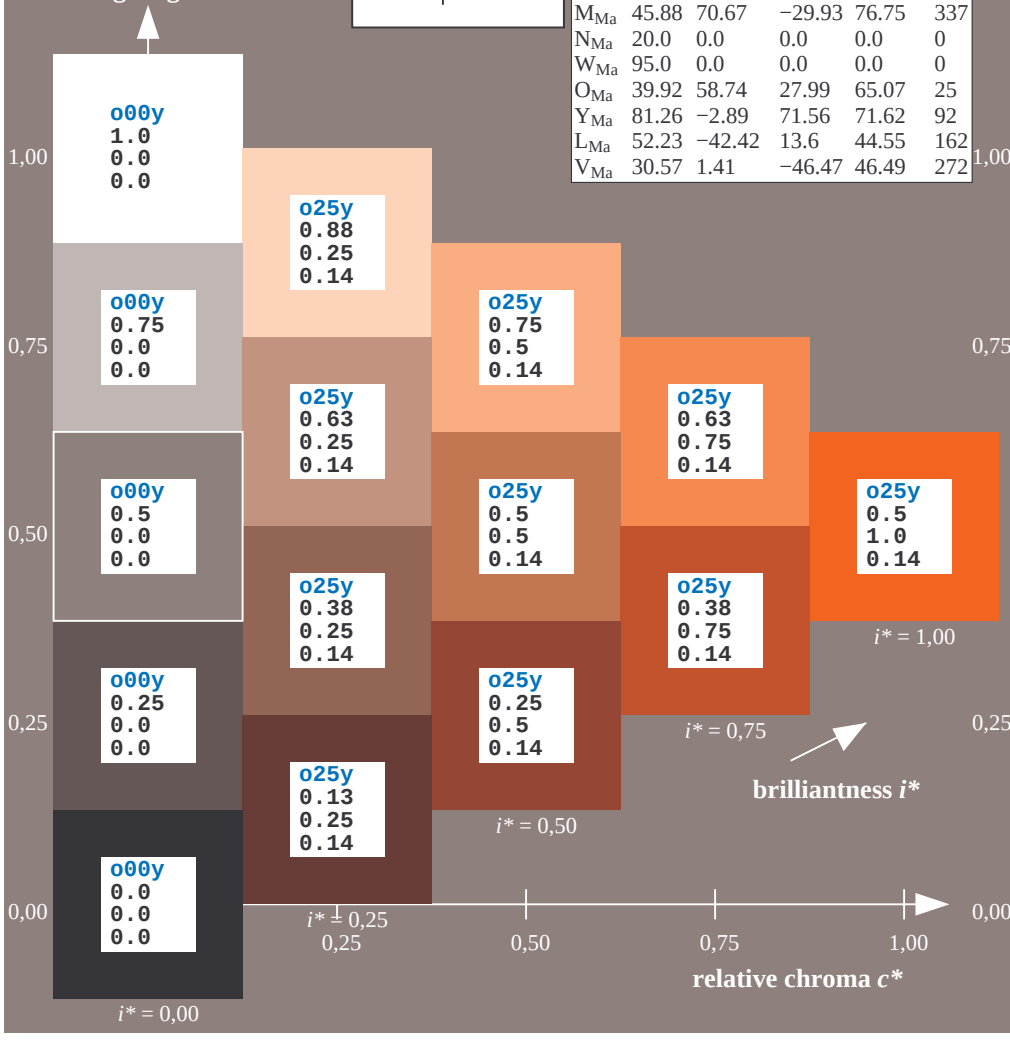
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 42 51
*LAB*LCH**$_{Ma}$: 52 67 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

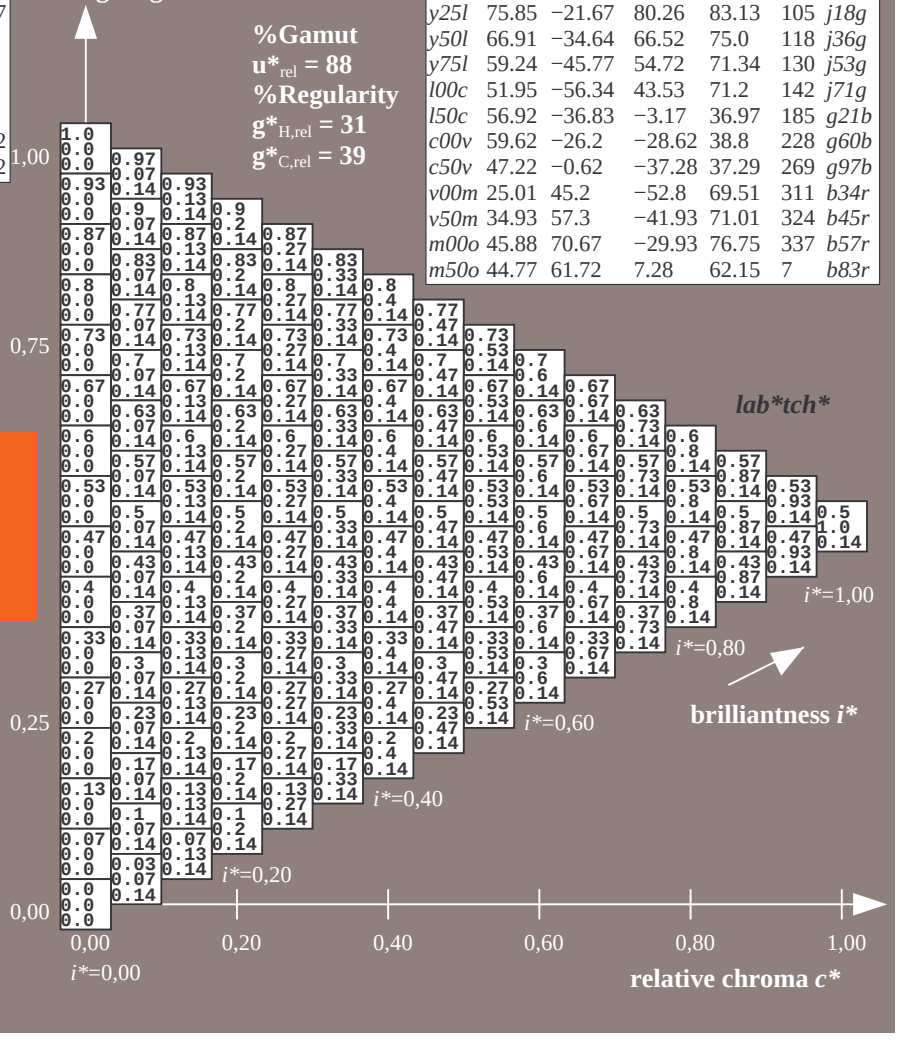
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o25y*
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



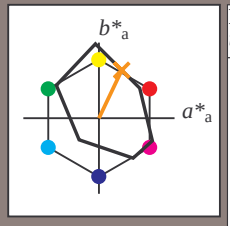


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r58j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

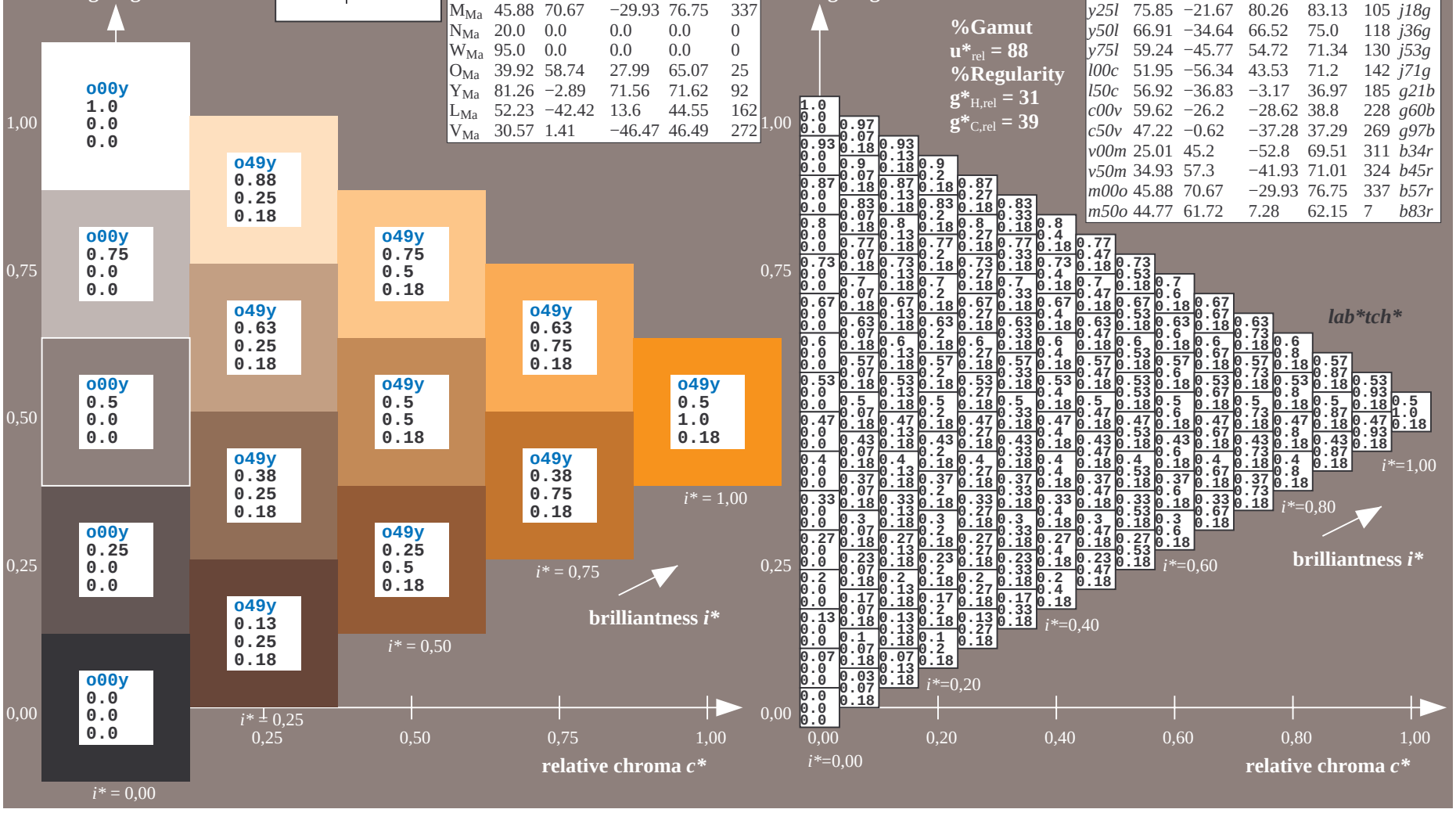
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 62 30 63**
***LAB*LCH*Ma*: 62 70 64**
***lab*olv*Ma*: 1.0 0.5 0.0**
***lab*rgb*Ma*: 1.0 0.58 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

u^*_d = *o50y*
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

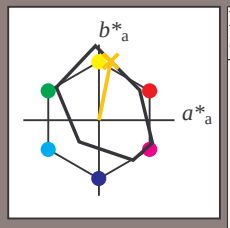
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r79j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

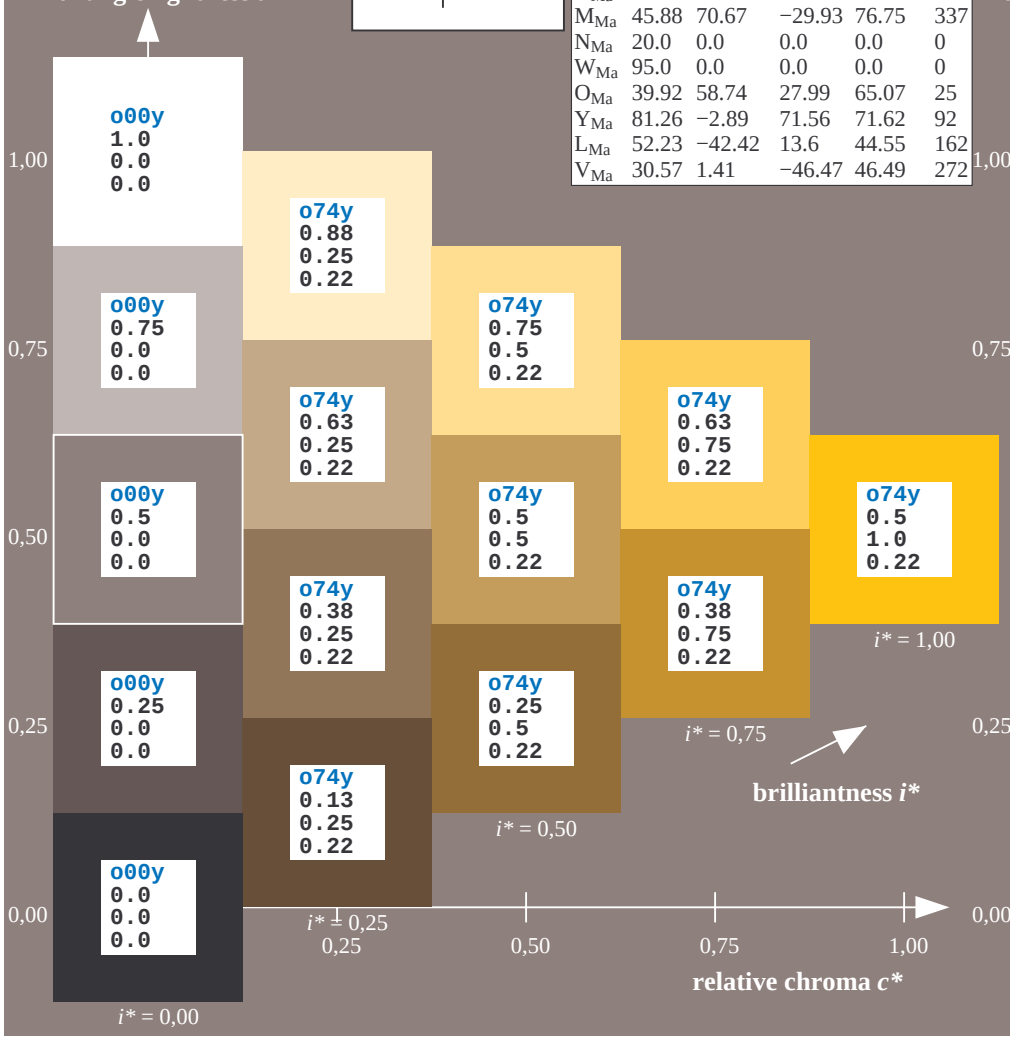
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 72 16 78
*LAB*LCH**$_{Ma}$: 72 80 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.8 0.0
triangle lightness *t**

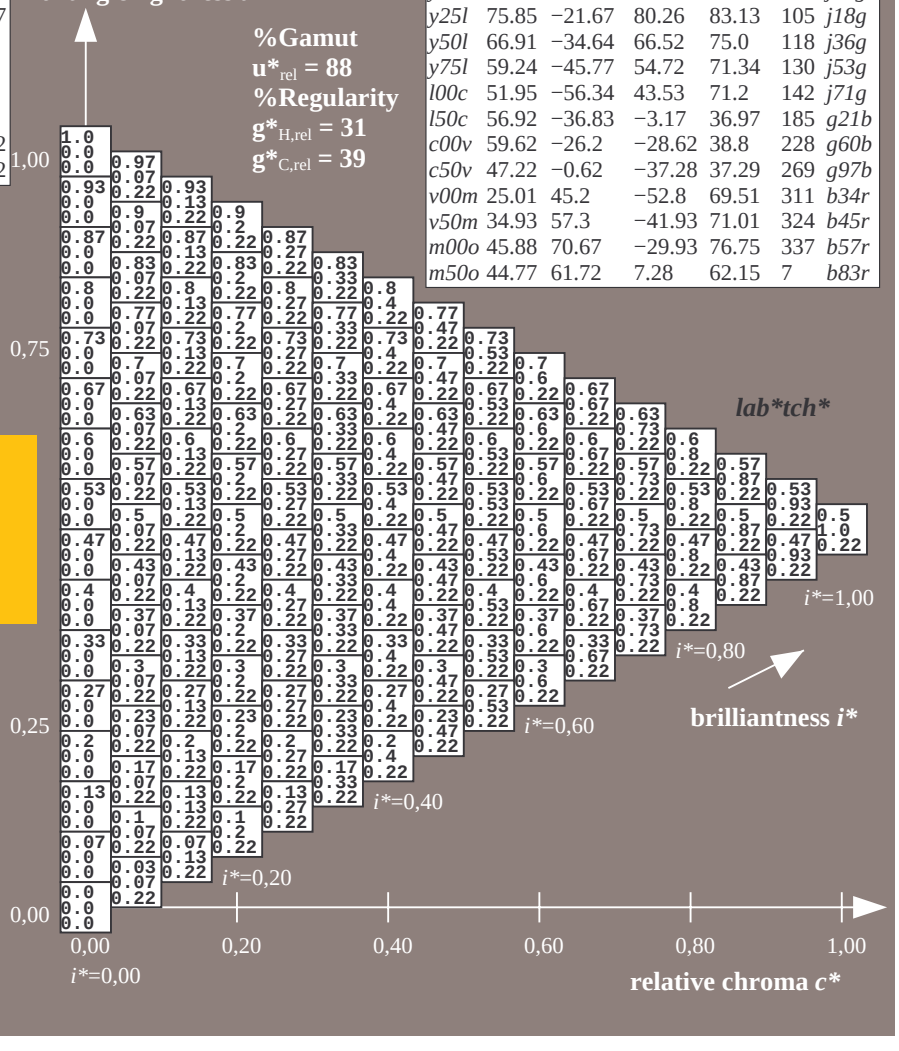
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o75y*
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



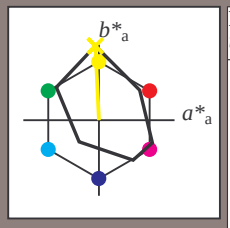


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j01g*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

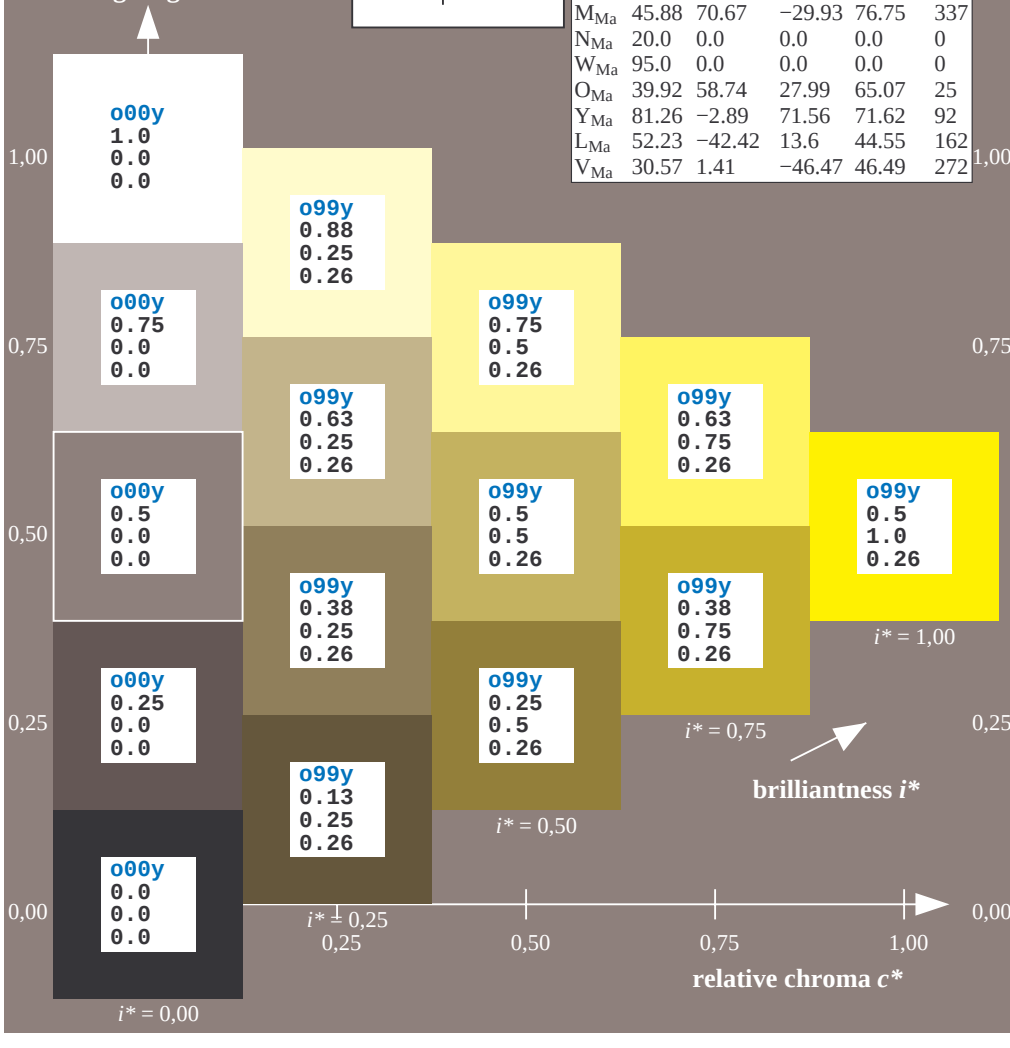
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 88 −5 98
*LAB*LCH**$_{Ma}$: 88 98 92
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.99 1.0 0.0
triangle lightness *t**

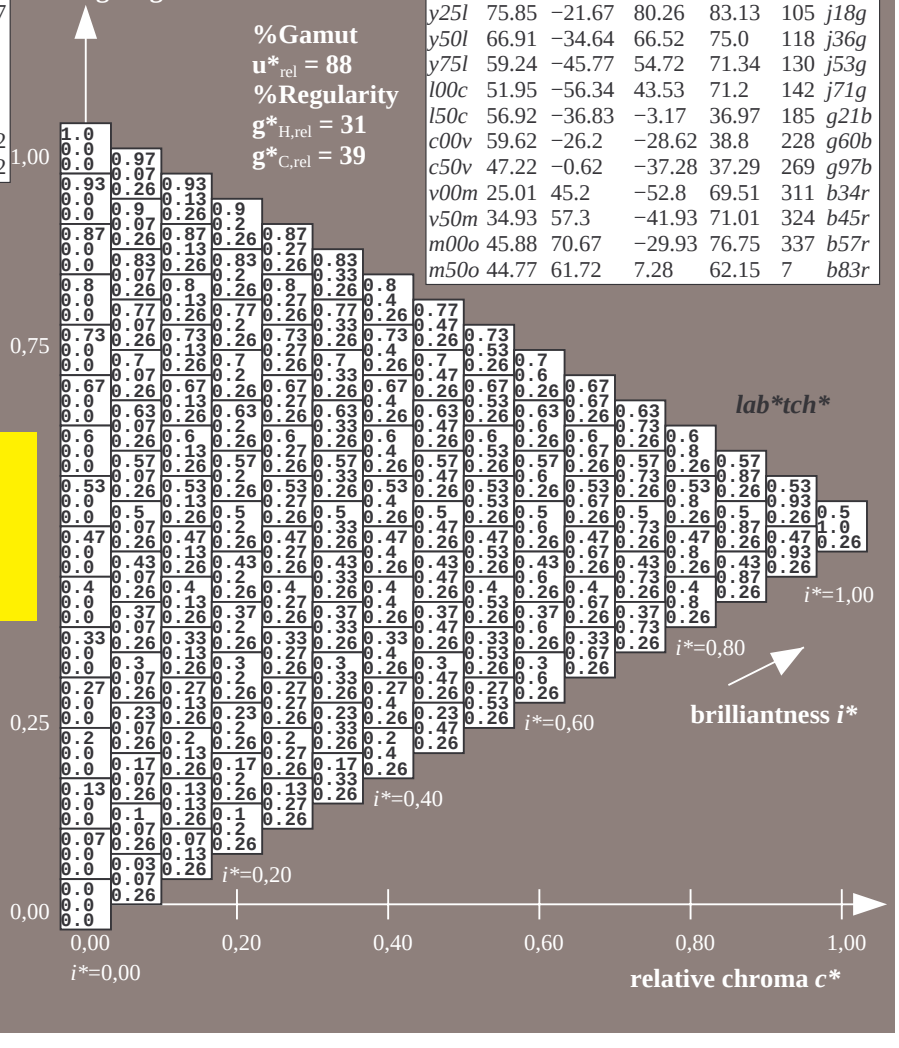
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *y00l*
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



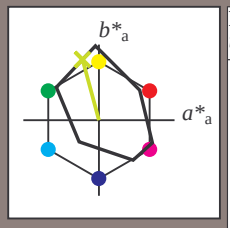


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

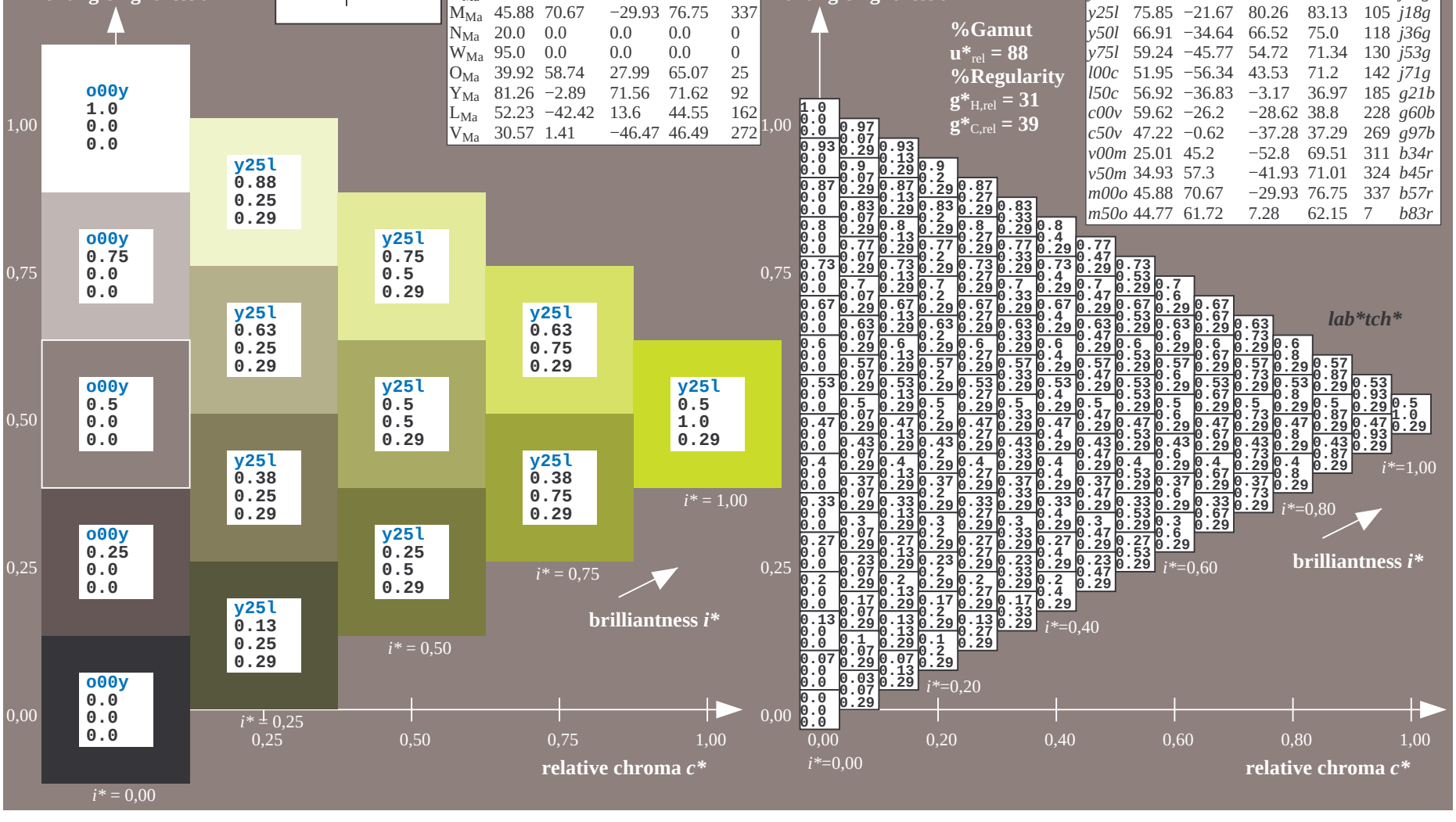
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 76 −22 80**
***LAB*LCH**$_{Ma}$: 76 83 105**
***lab*olv**$_{Ma}$: 0.75 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.82 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y25l$
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

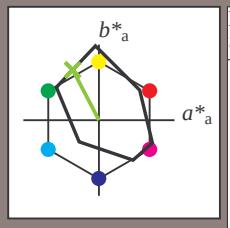


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

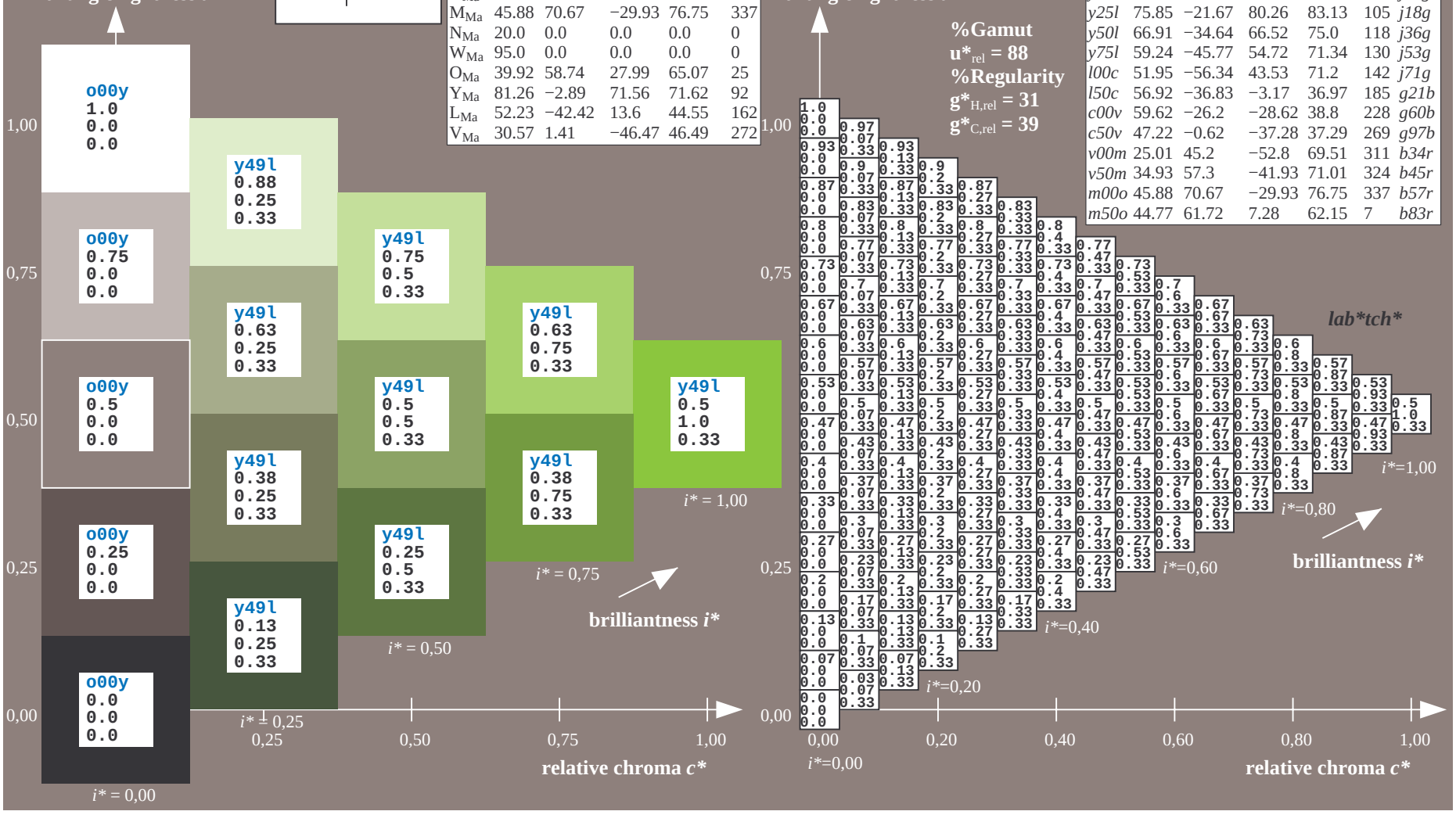
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 67 −35 67**
***LAB*LCH*Ma*: 67 75 117**
***lab*olv*Ma*: 0.5 1.0 0.0**
***lab*rgb*Ma*: 0.64 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u*d = y50l
lab*tch*

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

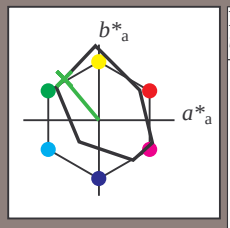


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

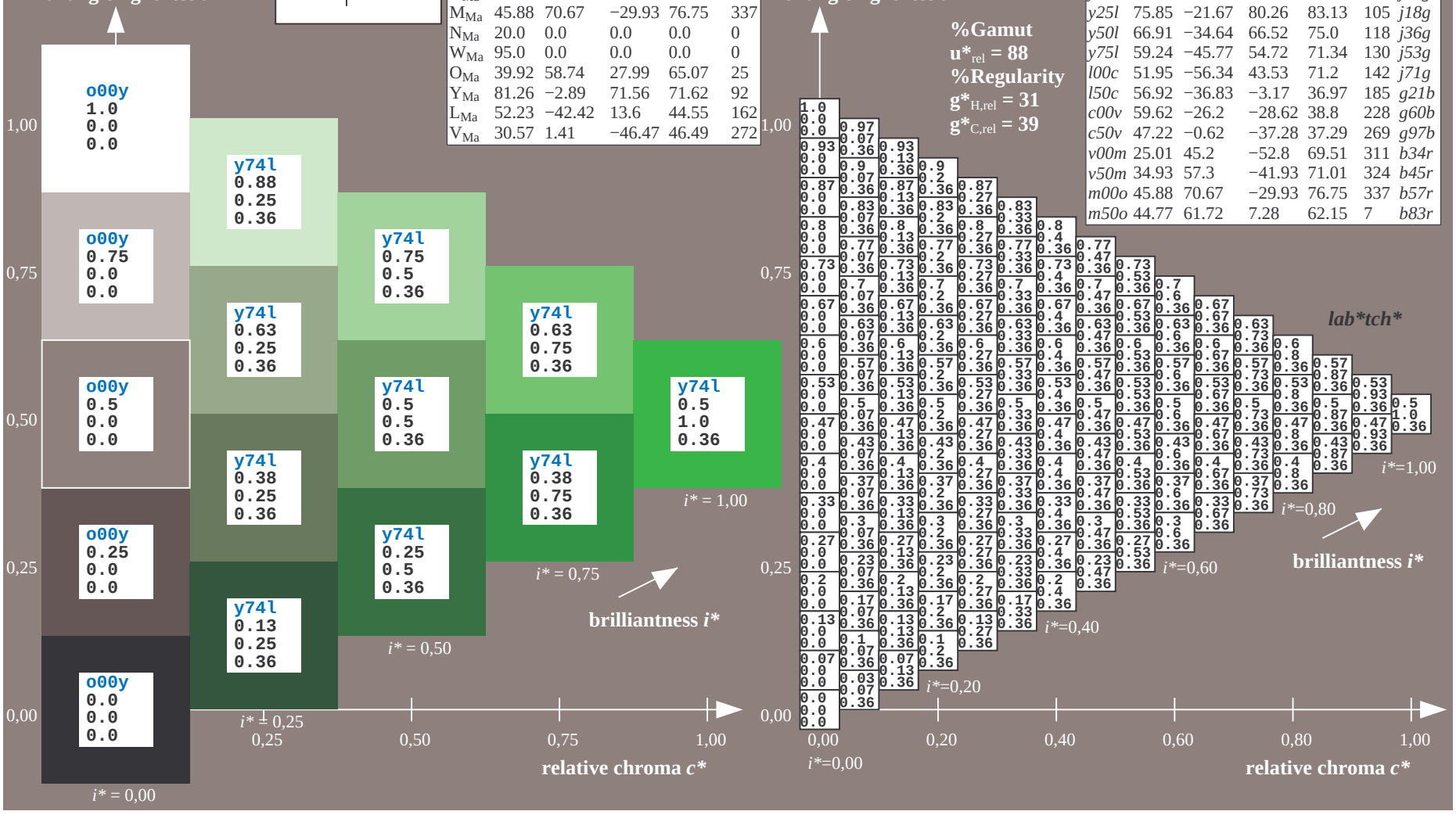
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 59 −46 55**
***LAB*LCH*Ma*: 59 71 129**
***lab*olv*Ma*: 0.25 1.0 0.0**
***lab*rgb*Ma*: 0.46 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y75l$
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

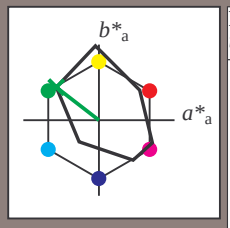


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

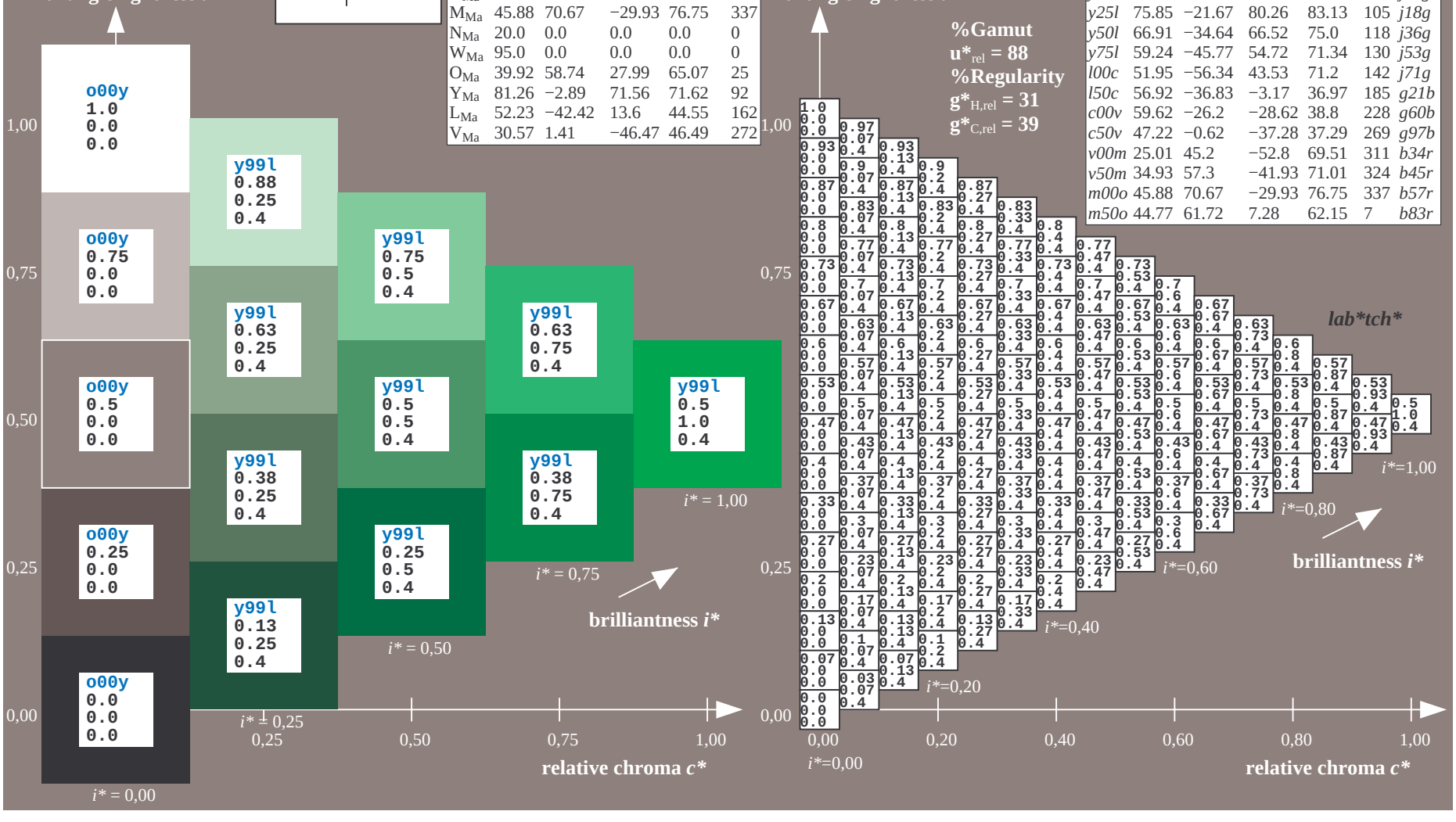
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 52 −56 44**
***LAB*LCH**$_{Ma}$: 52 71 142**
***lab*olv**$_{Ma}$: 0.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.28 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = l00c$
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

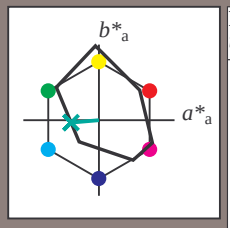


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

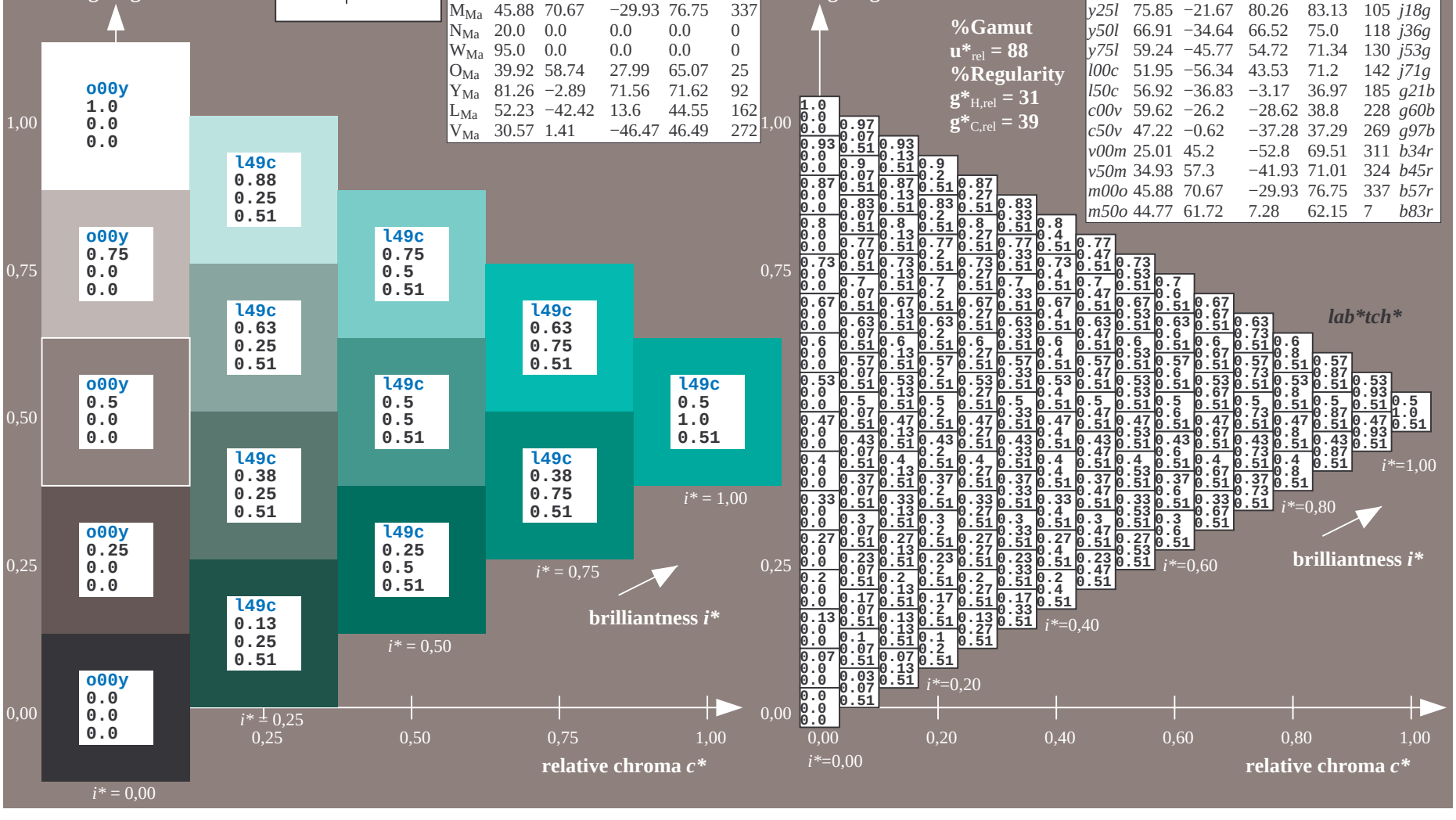
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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):
$LAB^*LAB^*_{Ma}$: 57 −37 −3
$LAB^*LCH^*_{Ma}$: 57 37 184
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.41
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

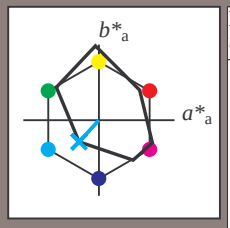


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g60b*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

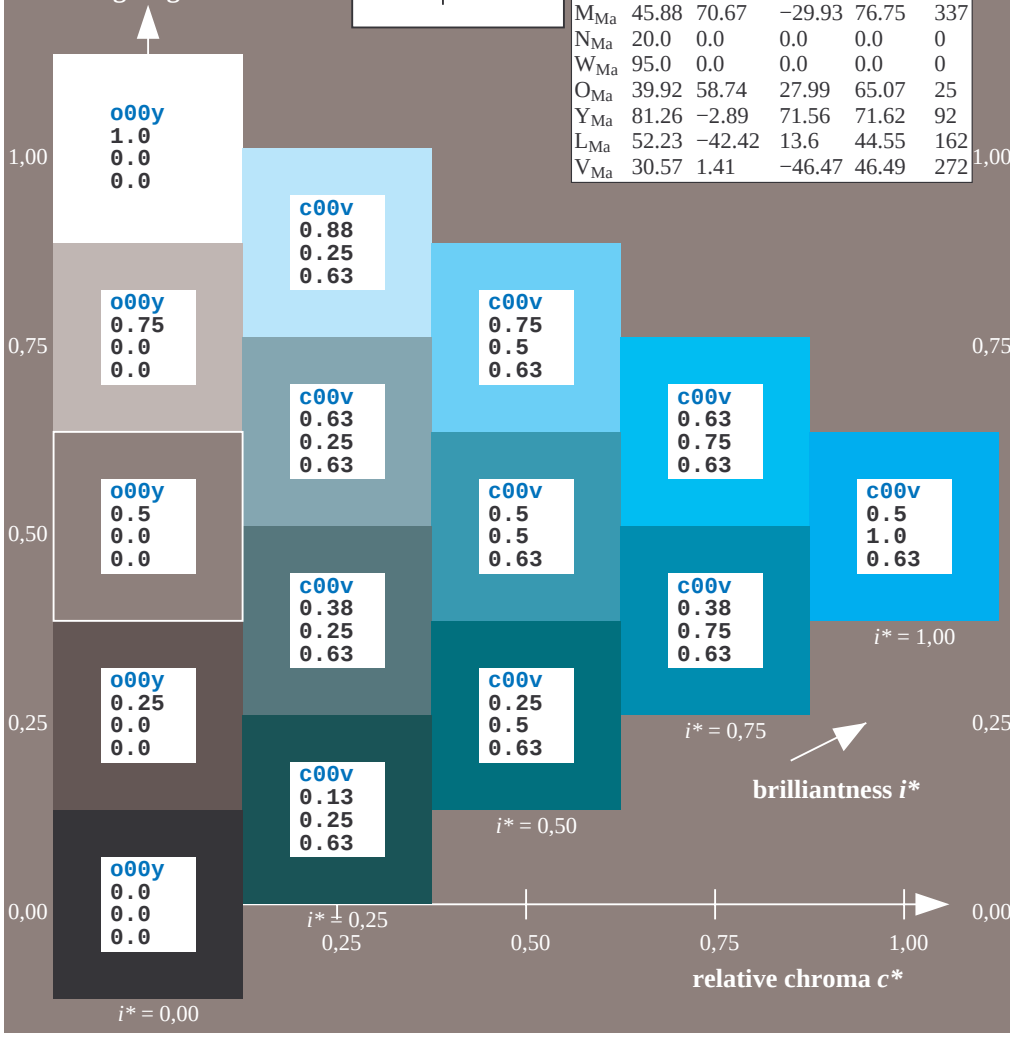
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −26 −29
*LAB*LCH**$_{Ma}$: 60 39 227
*lab*olv**$_{Ma}$: 0.0 1.0 1.0
*lab*rgb**$_{Ma}$: 0.0 0.81 1.0
triangle lightness *t**

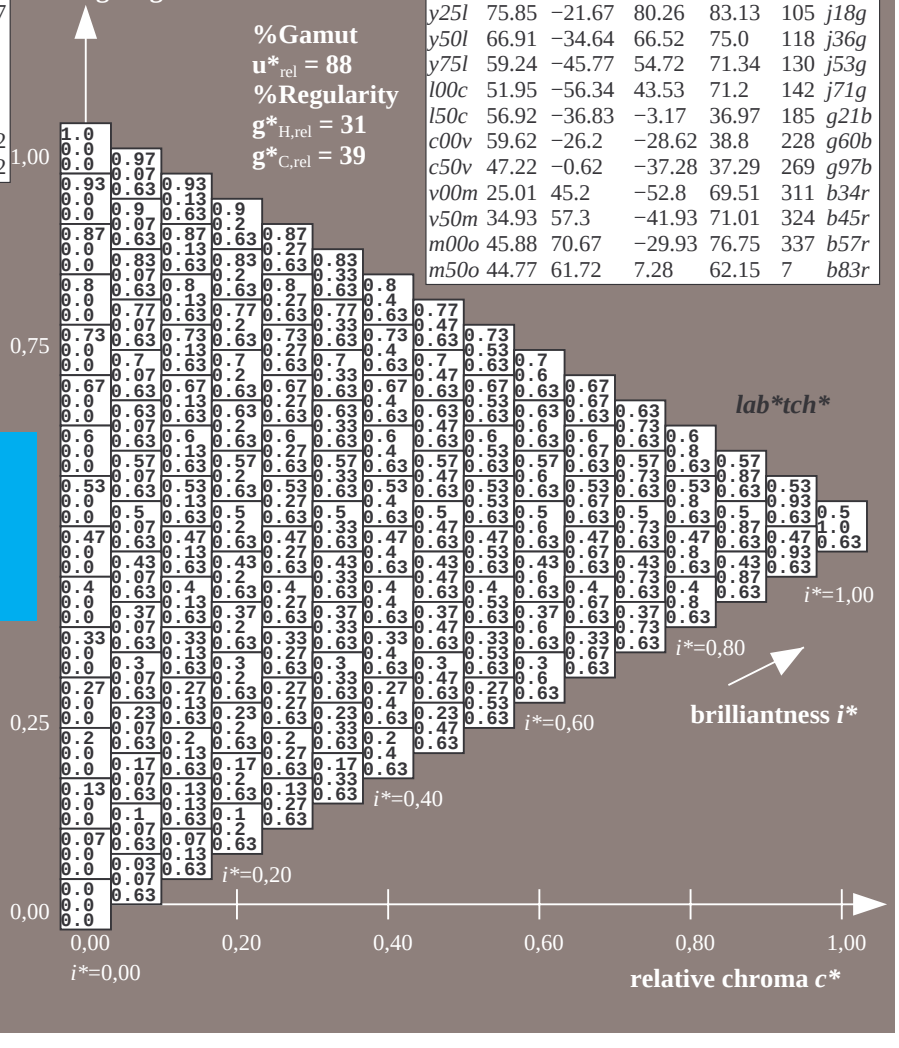
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *c00v*
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



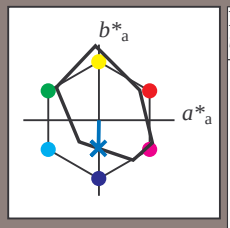


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g97b*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

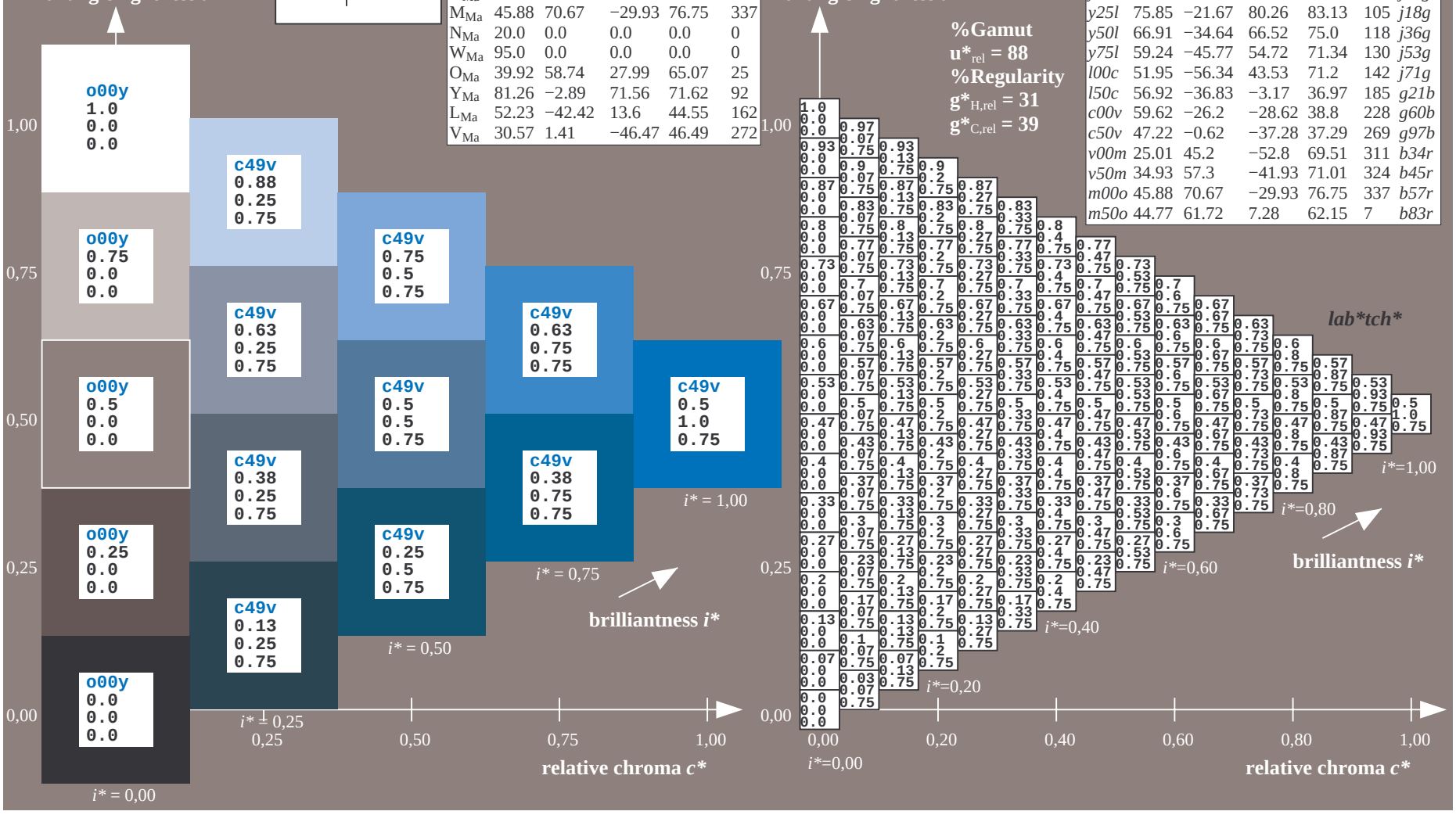
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 47 −1 −37
*LAB*LCH**$_{Ma}$: 47 37 269
*lab*olv**$_{Ma}$: 0.0 0.5 1.0
*lab*rgb**$_{Ma}$: 0.0 0.05 1.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *c50v*
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

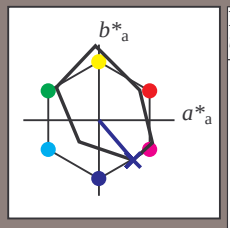


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b34r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

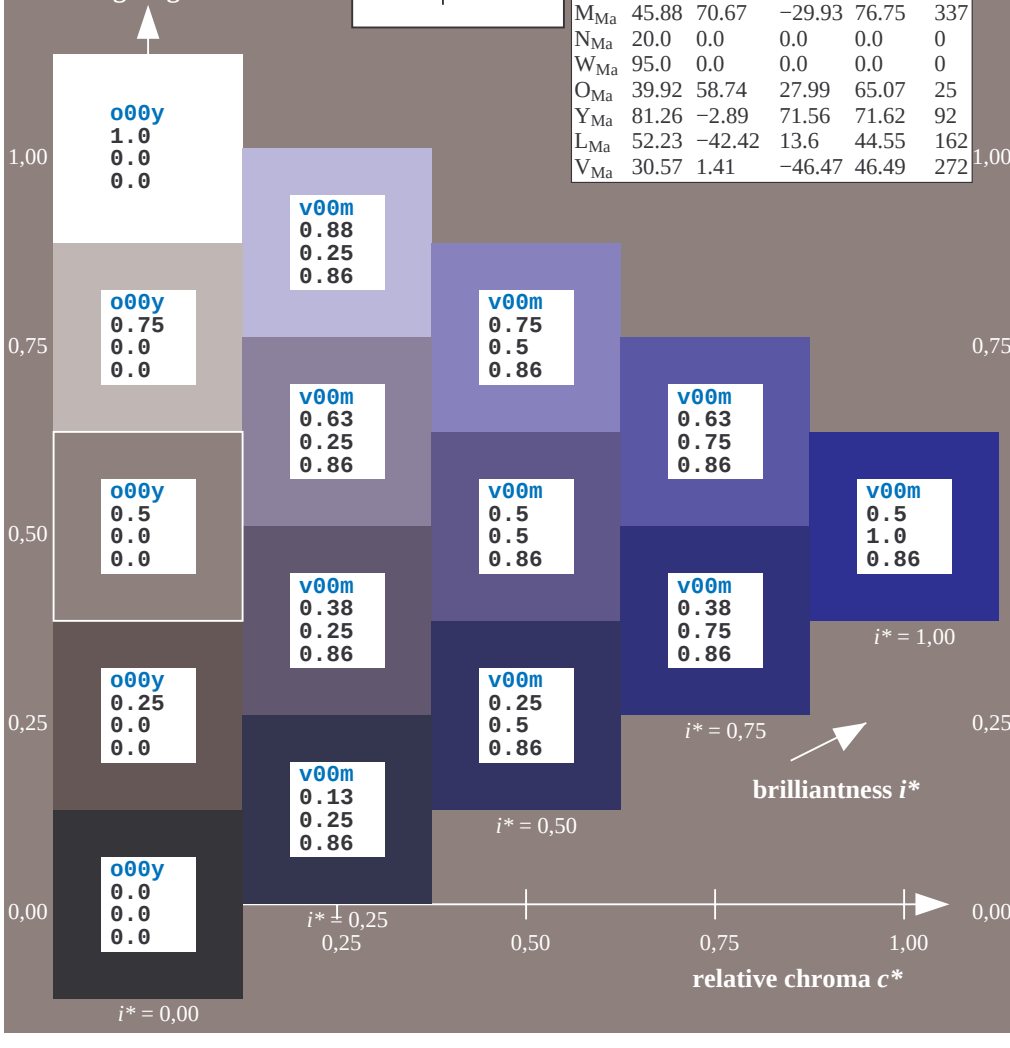
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 25 45 −53
*LAB*LCH**$_{Ma}$: 25 70 310
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.68 0.0 1.0
triangle lightness *t**

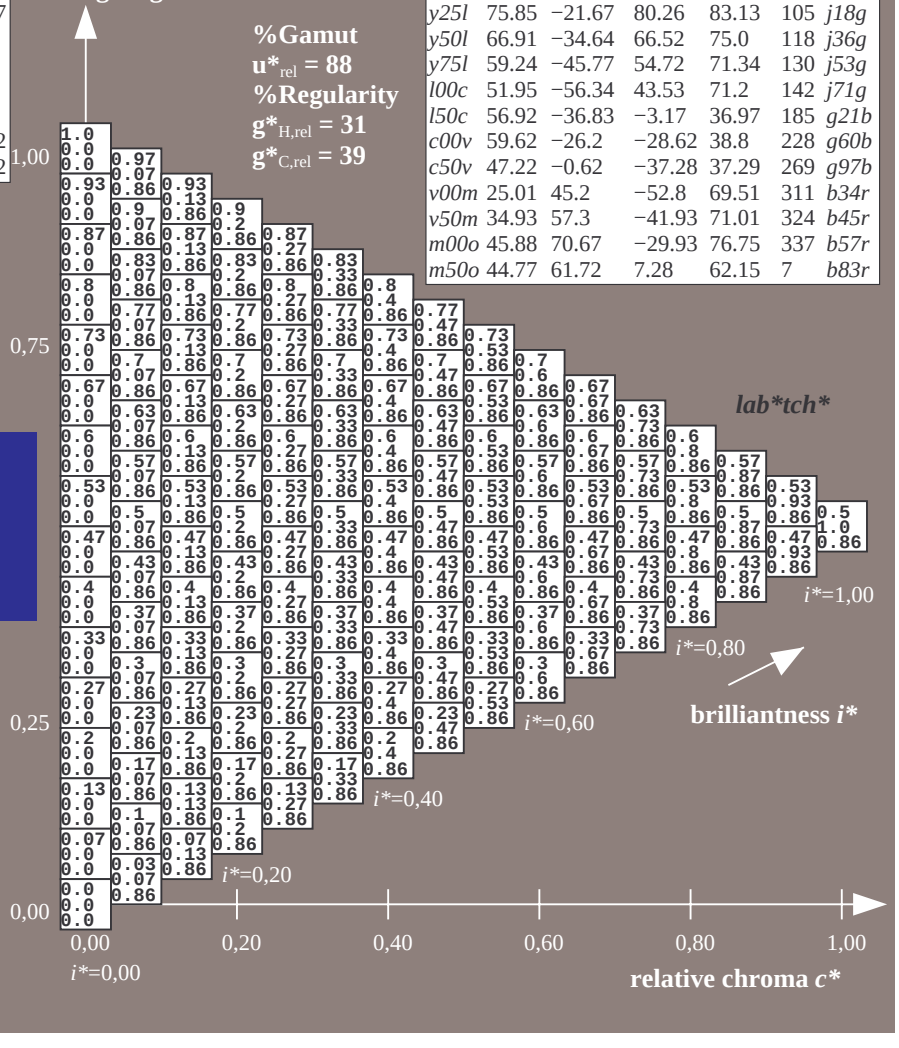
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *v00m*
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



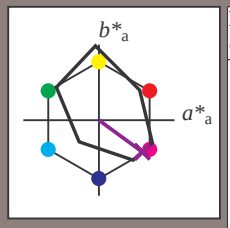


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b45r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

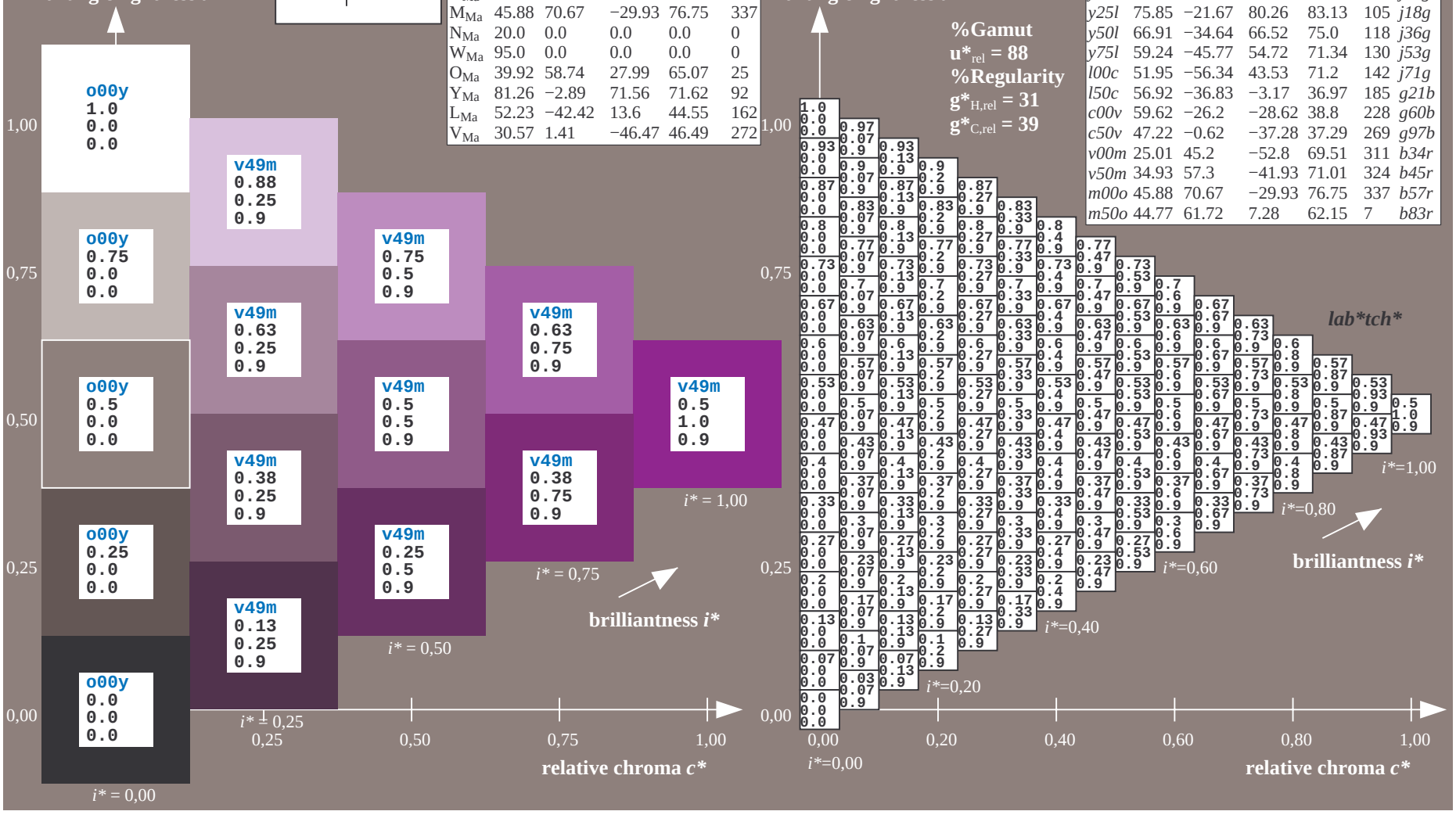
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 35 57 −42**
***LAB*LCH*Ma*: 35 71 323**
***lab*olv*Ma*: 0.5 0.0 1.0**
***lab*rgb*Ma*: 0.92 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

u^*_d = *v50m*
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

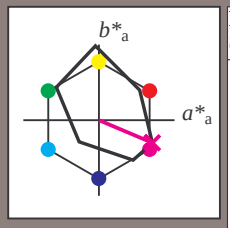
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b57r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

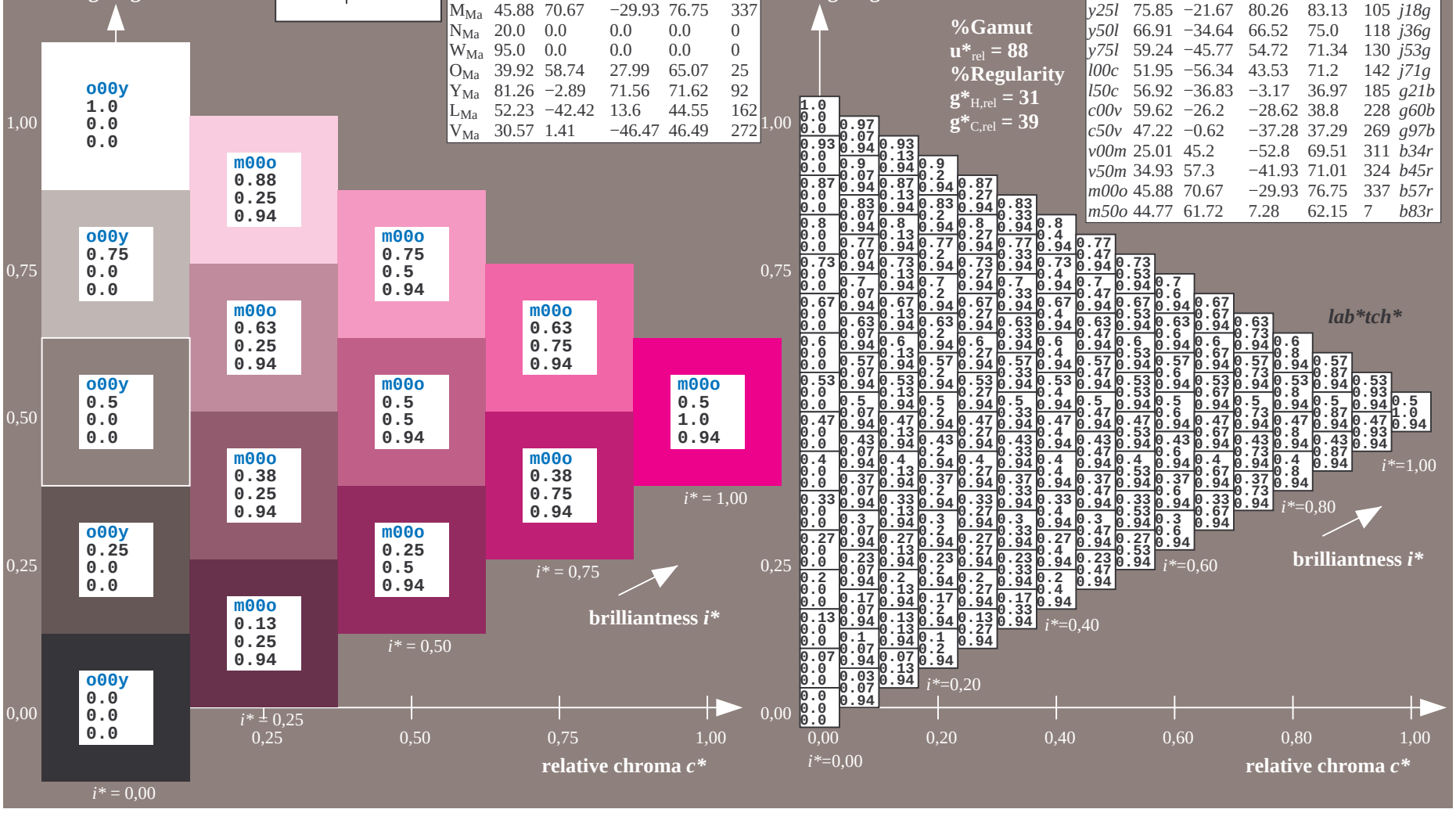
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 46 71 −30
*LAB*LCH**$_{Ma}$: 46 77 337
*lab*olv**$_{Ma}$: 1.0 0.0 1.0
*lab*rgb**$_{Ma}$: 1.0 0.0 0.85
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *m00o*
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

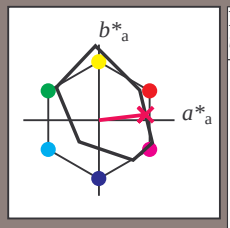
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b83r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

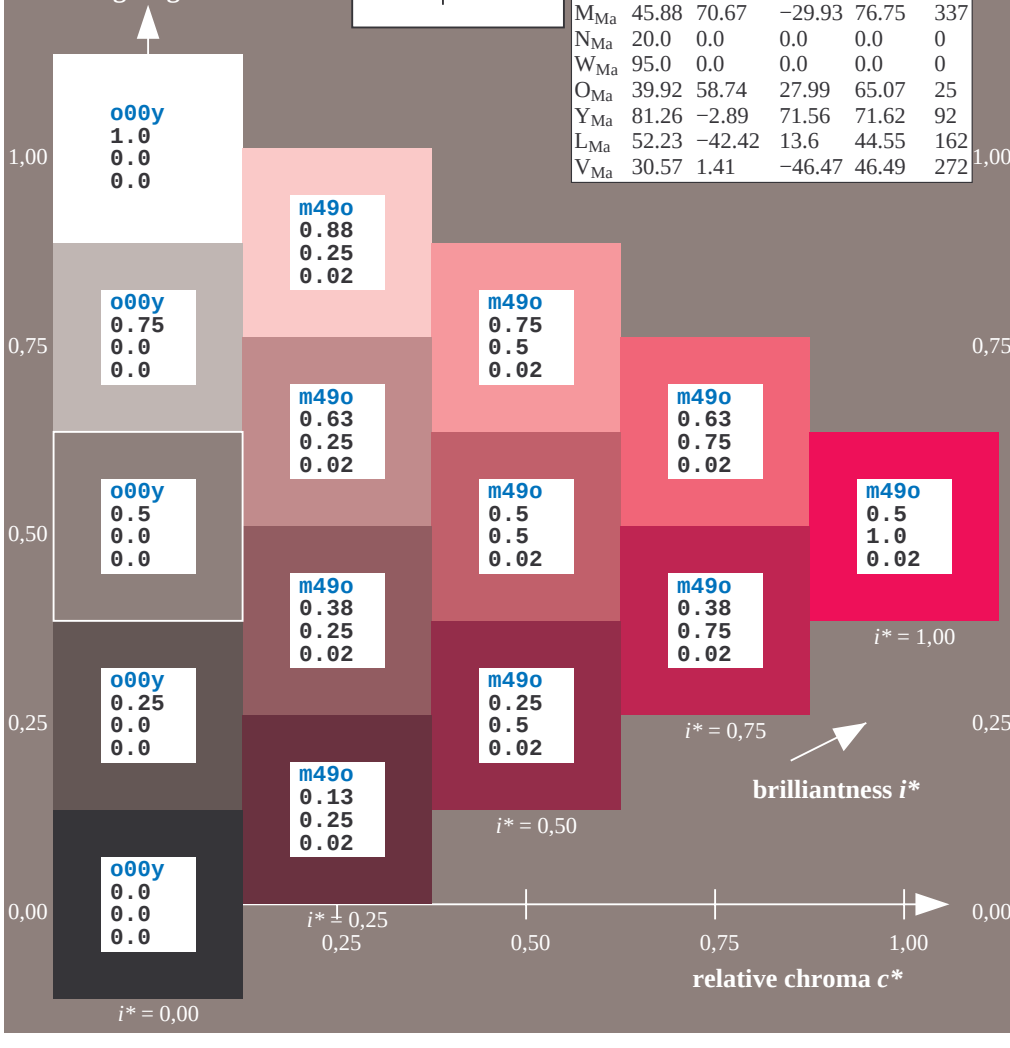
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 45 62 7
*LAB*LCH**$_{Ma}$: 45 62 6
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.33
triangle lightness *t**

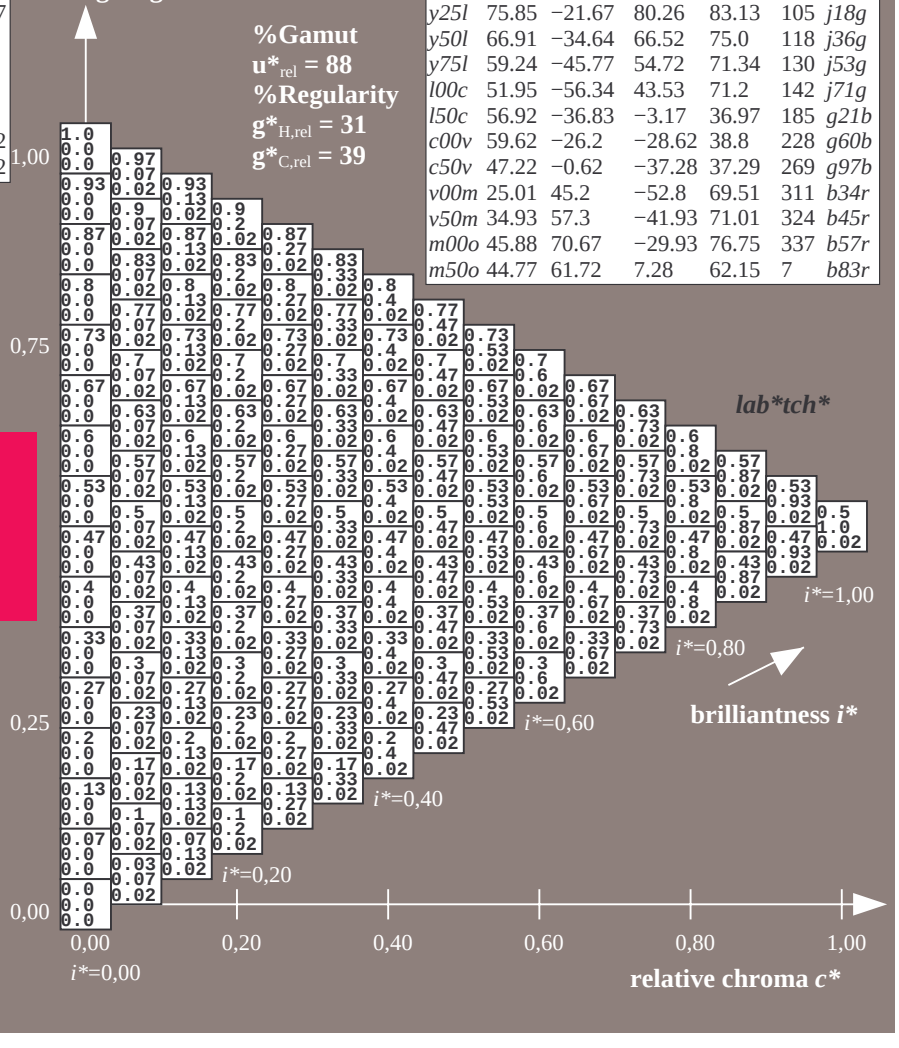
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *m50o*
*lab*tch**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

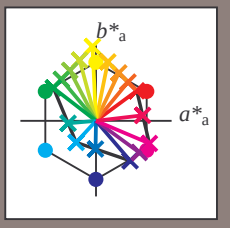
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	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 0.0 0.0	0.06 0.13 0.4	0.13 0.25 0.4	0.19 0.38 0.4	0.25 0.5 0.4	0.31 0.63 0.4	0.38 0.75 0.4	0.44 0.88 0.4	0.5 1.0 0.4	0.06 0.13 0.1	0.06 0.13 0.26	0.13 0.25 0.33	0.19 0.38 0.35	0.25 0.5 0.36	0.31 0.63 0.37	0.38 0.75 0.37	0.44 0.88 0.38	0.5 1.0 0.38	0.13 0.25 0.1	0.13 0.25 0.18	0.13 0.25 0.26	0.19 0.38 0.3	0.25 0.5 0.33	0.31 0.63 0.34	0.38 0.75 0.35	0.44 0.88 0.36	0.5 1.0 0.36	1.0 0.0 0.0	0.94 0.13 0.1	0.88 0.25 0.1	0.81 0.38 0.1	0.75 0.5 0.1	0.69 0.63 0.1	0.63 0.75 0.1	0.56 0.88 0.1	0.5 1.0 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
02	0.06 0.13 0.86	0.06 0.13 0.63	0.13 0.25 0.51	0.19 0.38 0.47	0.25 0.5 0.45	0.31 0.63 0.44	0.38 0.75 0.43	0.44 0.88 0.43	0.5 1.0 0.42	0.06 0.13 0.94	0.13 0.0 0.0	0.19 0.13 0.4	0.25 0.25 0.4	0.31 0.38 0.4	0.38 0.5 0.4	0.44 0.63 0.4	0.5 0.75 0.4	0.56 0.88 0.4	0.13 0.25 0.02	0.19 0.13 0.1	0.19 0.13 0.26	0.25 0.25 0.33	0.31 0.38 0.35	0.38 0.5 0.36	0.44 0.63 0.37	0.5 0.75 0.37	0.56 0.88 0.38	0.94 0.13 0.63	0.88 0.0 0.0	0.81 0.13 0.1	0.75 0.25 0.1	0.69 0.38 0.1	0.63 0.5 0.1	0.56 0.63 0.1	0.5 0.75 0.1	0.44 0.88 0.1	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0
03	0.13 0.25 0.86	0.13 0.25 0.75	0.13 0.25 0.63	0.19 0.38 0.55	0.25 0.5 0.51	0.31 0.63 0.49	0.38 0.75 0.47	0.44 0.88 0.46	0.5 1.0 0.45	0.13 0.25 0.9	0.19 0.13 0.86	0.19 0.13 0.63	0.25 0.25 0.51	0.31 0.38 0.47	0.38 0.5 0.45	0.44 0.63 0.44	0.5 0.75 0.43	0.56 0.88 0.43	0.13 0.25 0.94	0.19 0.13 0.94	0.25 0.0 0.0	0.31 0.13 0.4	0.38 0.25 0.4	0.44 0.38 0.4	0.5 0.5 0.4	0.56 0.63 0.4	0.63 0.75 0.4	0.88 0.25 0.63	0.81 0.13 0.63	0.75 0.0 0.0	0.69 0.13 0.1	0.63 0.25 0.1	0.56 0.38 0.1	0.5 0.5 0.1	0.44 0.63 0.1	0.38 0.75 0.1	0.25 0.0 0.0	0.25 0.0 0.0	0.25 0.0 0.0	0.25 0.0 0.0
04	0.19 0.38 0.86	0.19 0.38 0.79	0.19 0.38 0.71	0.19 0.38 0.63	0.25 0.5 0.57	0.31 0.63 0.54	0.38 0.75 0.51	0.44 0.88 0.5	0.5 1.0 0.48	0.19 0.38 0.89	0.25 0.25 0.86	0.25 0.25 0.75	0.25 0.25 0.63	0.31 0.38 0.55	0.38 0.5 0.51	0.44 0.63 0.49	0.5 0.75 0.47	0.56 0.88 0.46	0.19 0.38 0.91	0.25 0.25 0.9	0.31 0.13 0.86	0.31 0.13 0.63	0.38 0.25 0.51	0.44 0.38 0.47	0.5 0.5 0.45	0.56 0.63 0.44	0.63 0.75 0.43	0.81 0.38 0.63	0.75 0.25 0.63	0.69 0.13 0.63	0.63 0.0 0.0	0.56 0.13 0.1	0.5 0.25 0.1	0.44 0.38 0.1	0.38 0.5 0.1	0.31 0.63 0.1	0.38 0.0 0.0	0.38 0.0 0.0	0.38 0.0 0.0	0.38 0.0 0.0
05	0.25 0.5 0.86	0.25 0.5 0.81	0.25 0.5 0.75	0.25 0.5 0.69	0.25 0.5 0.63	0.31 0.63 0.58	0.38 0.75 0.55	0.44 0.88 0.53	0.5 1.0 0.51	0.25 0.5 0.88	0.31 0.38 0.86	0.31 0.38 0.79	0.31 0.38 0.71	0.31 0.38 0.63	0.38 0.5 0.57	0.44 0.63 0.54	0.5 0.75 0.51	0.56 0.88 0.5	0.25 0.5 0.9	0.31 0.38 0.89	0.38 0.25 0.86	0.38 0.25 0.75	0.38 0.25 0.63	0.44 0.38 0.55	0.5 0.5 0.51	0.56 0.63 0.49	0.63 0.75 0.47	0.75 0.5 0.63	0.69 0.38 0.63	0.63 0.25 0.63	0.56 0.13 0.63	0.5 0.0 0.0	0.44 0.13 0.1	0.38 0.25 0.1	0.31 0.38 0.1	0.25 0.5 0.1	0.5 0.0 0.0	0.5 0.0 0.0	0.5 0.0 0.0	0.5 0.0 0.0
06	0.31 0.63 0.86	0.31 0.63 0.82	0.31 0.63 0.77	0.31 0.63 0.72	0.31 0.63 0.68	0.31 0.63 0.63	0.38 0.75 0.59	0.44 0.88 0.56	0.5 1.0 0.54	0.31 0.63 0.88	0.38 0.5 0.86	0.38 0.5 0.81	0.38 0.5 0.75	0.38 0.5 0.69	0.38 0.5 0.63	0.44 0.63 0.58	0.5 0.75 0.55	0.56 0.88 0.53	0.31 0.63 0.89	0.38 0.5 0.88	0.44 0.38 0.86	0.44 0.38 0.79	0.44 0.38 0.71	0.44 0.38 0.63	0.5 0.5 0.57	0.56 0.63 0.54	0.63 0.75 0.51	0.69 0.63 0.63	0.63 0.5 0.63	0.56 0.38 0.63	0.5 0.25 0.63	0.44 0.13 0.63	0.38 0.0 0.0	0.31 0.13 0.1	0.25 0.25 0.1	0.19 0.38 0.1	0.63 0.0 0.0	0.63 0.0 0.0	0.63 0.0 0.0	0.63 0.0 0.0
07	0.38 0.75 0.86	0.38 0.75 0.82	0.38 0.75 0.79	0.38 0.75 0.75	0.38 0.75 0.71	0.38 0.75 0.67	0.38 0.75 0.63	0.44 0.88 0.6	0.5 1.0 0.57	0.38 0.75 0.87	0.44 0.63 0.86	0.44 0.63 0.82	0.44 0.63 0.77	0.44 0.63 0.72	0.44 0.63 0.68	0.44 0.63 0.63	0.5 0.75 0.59	0.56 0.88 0.56	0.38 0.75 0.89	0.44 0.63 0.88	0.5 0.5 0.86	0.5 0.5 0.81	0.5 0.5 0.75	0.5 0.5 0.69	0.5 0.5 0.63	0.56 0.63 0.58	0.63 0.75 0.55	0.63 0.75 0.63	0.56 0.63 0.63	0.5 0.5 0.63	0.44 0.38 0.63	0.38 0.25 0.63	0.31 0.13 0.63	0.25 0.0 0.0	0.19 0.13 0.1	0.13 0.25 0.1	0.75 0.0 0.0	0.75 0.0 0.0	0.75 0.0 0.0	0.75 0.0 0.0
08	0.44 0.88 0.86	0.44 0.88 0.83	0.44 0.88 0.8	0.44 0.88 0.76	0.44 0.88 0.73	0.44 0.88 0.7	0.44 0.88 0.66	0.44 0.88 0.63	0.5 1.0 0.6	0.44 0.88 0.87	0.5 0.75 0.86	0.5 0.75 0.82	0.5 0.75 0.79	0.5 0.75 0.75	0.5 0.75 0.71	0.5 0.75 0.67	0.5 0.75 0.63	0.56 0.88 0.6	0.44 0.88 0.88	0.5 0.75 0.87	0.56 0.63 0.86	0.56 0.63 0.82	0.56 0.63 0.77	0.56 0.63 0.72	0.56 0.63 0.68	0.56 0.63 0.63	0.63 0.75 0.59	0.56 0.88 0.63	0.5 0.75 0.63	0.44 0.63 0.63	0.38 0.5 0.63	0.31 0.38 0.63	0.25 0.25 0.63	0.19 0.13 0.63	0.13 0.0 0.0	0.06 0.13 0.1	0.88 0.0 0.0	0.88 0.0 0.0	0.88 0.0 0.0	0.88 0.0 0.0
09	0.5 1.0 0.86	0.5 1.0 0.83	0.5 1.0 0.81	0.5 1.0 0.78	0.5 1.0 0.75	0.5 1.0 0.72	0.5 1.0 0.69	0.5 1.0 0.66	0.5 1.0 0.63	0.5 1.0 0.87	0.56 0.88 0.86	0.56 0.88 0.83	0.56 0.88 0.8	0.56 0.88 0.76	0.56 0.88 0.73	0.56 0.88 0.7	0.56 0.88 0.66	0.56 0.88 0.63	0.5 1.0 0.88	0.56 0.88 0.87	0.63 0.75 0.86	0.63 0.75 0.82	0.63 0.75 0.79	0.63 0.75 0.75	0.63 0.75 0.71	0.63 0.75 0.67	0.63 0.75 0.63	0.5 1.0 0.63	0.44 0.88 0.63	0.38 0.75 0.63	0.31 0.63 0.63	0.25 0.5 0.63	0.19 0.38 0.63	0.13 0.25 0.63	0.06 0.13 0.63	0.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0
10	0.19 0.38 0.1	0.19 0.38 0.15	0.19 0.38 0.21	0.19 0.38 0.26	0.25 0.5 0.29	0.31 0.63 0.31	0.38 0.75 0.33	0.44 0.88 0.34	0.5 1.0 0.34	0.25 0.5 0.1	0.25 0.5 0.14	0.25 0.5 0.18	0.25 0.5 0.22	0.25 0.5 0.26	0.31 0.63 0.29	0.38 0.75 0.3	0.44 0.88 0.32	0.5 1.0 0.33	0.31 0.63 0.1	0.31 0.63 0.13	0.31 0.63 0.16	0.31 0.63 0.19	0.31 0.63 0.23	0.31 0.63 0.26	0.38 0.75 0.28	0.44 0.88 0.3	0.5 1.0 0.31	1.0 0.0 0.0	0.94 0.13 0.26	0.88 0.25 0.26	0.81 0.38 0.26	0.75 0.5 0.26	0.69 0.63 0.26	0.63 0.75 0.26	0.56 0.88 0.26	0.5 1.0 0.26	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	0.19 0.38 0.05	0.25 0.25 0.1	0.25 0.25 0.18	0.25 0.25 0.26	0.31 0.38 0.3	0.38 0.5 0.33	0.44 0.63 0.34	0.5 0.75 0.35	0.56 0.88 0.36	0.25 0.5 0.06	0.31 0.38 0.1	0.31 0.38 0.15	0.31 0.38 0.21	0.31 0.38 0.26	0.38 0.5 0.29	0.44 0.63 0.31	0.5 0.75 0.33	0.56 0.88 0.34	0.31 0.63 0.07	0.38 0.5 0.1	0.38 0.5 0.14	0.38 0.5 0.18	0.38 0.5 0.22	0.38 0.5 0.26	0.44 0.63 0.29	0.5 0.75 0.3	0.56 0.88 0.32	0.94 0.13 0.86	0.88 0.0 0.0	0.81 0.13 0.26	0.75 0.25 0.26	0.69 0.38 0.26	0.63 0.5 0.26	0.56 0.63 0.26	0.5 0.75 0.26	0.44 0.88 0.26	0.07 0.0 0.0	0.07 0.0 0.0	0.07 0.0 0.0	0.07 0.0 0.0
12	0.19 0.38 0.99	0.25 0.25 0.02	0.31 0.13 0.1	0.31 0.13 0.26	0.38 0.25 0.33	0.44 0.38 0.35	0.5 0.5 0.36	0.56 0.63 0.37	0.63 0.75 0.37	0.25 0.5 0.02	0.31 0.38 0.05	0.38 0.25 0.1	0.38 0.25 0.18	0.38 0.25 0.26	0.44 0.38 0.3	0.5 0.5 0.33	0.56 0.63 0.34	0.63 0.75 0.35	0.31 0.63 0.04	0.38 0.5 0.06	0.44 0.38 0.1	0.44 0.38 0.15	0.44 0.38 0.21	0.44 0.38 0.26	0.5 0.5 0.29	0.56 0.63 0.31	0.63 0.75 0.33	0.88 0.25 0.86	0.81 0.13 0.86	0.75 0.0 0.0	0.69 0.13 0.26	0.63 0.25 0.26	0.56 0.38 0.26	0.5 0.5 0.26	0.44 0.63 0.26	0.38 0.75 0.26	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0	0.13 0.0 0.0
13	0.19 0.38 0.94	0.25 0.25 0.94	0.31 0.13 0.94	0.38 0.0 0.0	0.44 0.13 0.4	0.5 0.25 0.4	0.56 0.38 0.4	0.63 0.5 0.4	0.69 0.63 0.4	0.25 0.5 0.98	0.31 0.38 0.99	0.38 0.25 0.02	0.44 0.13 0.1	0.44 0.13 0.26	0.5 0.25 0.33	0.56 0.38 0.35	0.63 0.5 0.36	0.69 0.63 0.37	0.31 0.63 0.0	0.38 0.5 0.02	0.44 0.38 0.05	0.5 0.25 0.1	0.5 0.25 0.18	0.5 0.25 0.26	0.56 0.38 0.3	0.63 0.5 0.33	0.69 0.63 0.34	0.81 0.38 0.86	0.75 0.25 0.86	0.69 0.13 0.86	0.63 0.0 0.0	0.56 0.13 0.26	0.5 0.25 0.26	0.44 0.38 0.26	0.38 0.5 0.26	0.31 0.63 0.26	0.2 0.0 0.0	0.2 0.0 0.0	0.2 0.0 0.0	0.2 0.0 0.0
14	0.25 0.5 0.92	0.31 0.38 0.91	0.38 0.25 0.9	0.44 0.13 0.86	0.44 0.13 0.63	0.5 0.25 0.51	0.56 0.38 0.47	0.63 0.5 0.45	0.69 0.63 0.44	0.25 0.5 0.94	0.31 0.38 0.94	0.38 0.25 0.94	0.44 0.13 0.94	0.5 0.0 0.0	0.56 0.13 0.4	0.63 0.25 0.4	0.69 0.38 0.4	0.75 0.5 0.4	0.31 0.63 0.97	0.38 0.5 0.98	0.44 0.38 0.99	0.5 0.25 0.02	0.56 0.13 0.1	0.56 0.13 0.26	0.63 0.25 0.33	0.69 0.38 0.35	0.75 0.5 0.36	0.75 0.5 0.86	0.69 0.38 0.86	0.63 0.25 0.86	0.56 0.13 0.86	0.5 0.0 0.0	0.44 0.13 0.26	0.38 0.25 0.26	0.31 0.38 0.26	0.25 0.5 0.26	0.27 0.0 0.0	0.27 0.0 0.0	0.27 0.0 0.0	0.27 0.0 0.0
15	0.31 0.63 0.91	0.38 0.5 0.9	0.44 0.38 0.89	0.5 0.25 0.86	0.5 0.25 0.75	0.5 0.25 0.63	0.56 0.38 0.55	0.63 0.5 0.51	0.69 0.63 0.49	0.31 0.63 0.92	0.38 0.5 0.92	0.44 0.38 0.91	0.5 0.25 0.9	0.56 0.13 0.86	0.56 0.13 0.63	0.63 0.25 0.51	0.69 0.38 0.47	0.75 0.5 0.45	0.31 0.63 0.94	0.38 0.5 0.94	0.44 0.38 0.94	0.5 0.25 0.94	0.56 0.13 0.94	0.63 0.0 0.0	0.69 0.13 0.4	0.75 0.25 0.4	0.81 0.38 0.4	0.69 0.63 0.86	0.63 0.5 0.86	0.56 0.38 0.86	0.5 0.25 0.86	0.44 0.13 0.86	0.38 0.0 0.0	0.31 0.13 0.26	0.25 0.25 0.26	0.19 0.38 0.26	0.33 0.0 0.0	0.33 0.0 0.0	0.33 0.0 0.0	0.33 0.0 0.0
16	0.38 0.75 0.9	0.44 0.63 0.89	0.5 0.5 0.88	0.56 0.38 0.86	0.56 0.38 0.79	0.56 0.38 0.71	0.56 0.38 0.63	0.63 0.5 0.57	0.69 0.63 0.54	0.38 0.75 0.91	0.44 0.63 0.91	0.5 0.5 0.9	0.56 0.38 0.89	0.63 0.25 0.86	0.63 0.25 0.75	0.63 0.25 0.63	0.69 0.38 0.55	0.75 0.5 0.51	0.38 0.75 0.92	0.44 0.63 0.92	0.5 0.5 0.92	0.56 0.38 0.91	0.63 0.25 0.9	0.69 0.13 0.86	0.69 0.13 0.63	0.75 0.25 0.51	0.81 0.38 0.47	0.63 0.75 0.86	0.56 0.63 0.86	0.5 0.5 0.86	0.44 0.38 0.86	0.38 0.25 0.86	0.31 0.13 0.86	0.25 0.0 0.0	0.19 0.13 0.26	0.13 0.25 0.26	0.4 0.0 0.0	0.4 0.0 0.0	0.4 0.0 0.0	0.4 0.0 0.0
17	0.44 0.88 0.89	0.5 0.75 0.89	0.56 0.63 0.88	0.63 0.5 0.86	0.63 0.5 0.81	0.63 0.5 0.75	0.63 0.5 0.69	0.63 0.5 0.63	0.69 0.63 0.58	0.44 0.88 0.9	0.5 0.75 0.9	0.56 0.63 0.89	0.63 0.5 0.88	0.69 0.38 0.86	0.69 0.38 0.79	0.69 0.38 0.71	0.69 0.38 0.63	0.75 0.5 0.57	0.44 0.88 0.92	0.5 0.75 0.91	0.56 0.63 0.91	0.63 0.5 0.9	0.69 0.38 0.89	0.75 0.25 0.86	0.75 0.25 0.75	0.75 0.25 0.63	0.81 0.38 0.55	0.56 0.88 0.86	0.5 0.75 0.86	0.44 0.63 0.86	0.38 0.5 0.86	0.31 0.38 0.86	0.25 0.25 0.86	0.19 0.13 0.86	0.13 0.0 0.0	0.06 0.13 0.26	0.47 0.0 0.0	0.47 0.0 0.0	0.47 0.0 0.0	0.47 0.0 0.0
18	0.5 1.0 0.89	0.56 0.88 0.88	0.63 0.75 0.87	0.69 0.63 0.86	0.69 0.63 0.82	0.69 0.63 0.77	0.69 0.63 0.72	0.69 0.63 0.68	0.69 0.63 0.63	0.5 1.0 0.9	0.56 0.88 0.89	0.63 0.75 0.89	0.69 0.63 0.88	0.75 0.5 0.86	0.75 0.5 0.81	0.75 0.5 0.75	0.75 0.5 0.69	0.75 0.5 0.63	0.5 1.0 0.91	0.56 0.88 0.9	0.63 0.75 0.9	0.69 0.63 0.89	0.75 0.5 0.88	0.81 0.38 0.86	0.81 0.38 0.79	0.81 0.38 0.71	0.81 0.38 0.63	0.5 1.0 0.86	0.44 0.88 0.86	0.38 0.75 0.86	0.31 0.63 0.86	0.25 0.5 0.86	0.19 0.38 0.86	0.13 0.25 0.86	0.06 0.13 0.86	0.0 0.0 0.0	0.53 0.0 0.0	0.53 0.0 0.0	0.53 0.0 0.0	0.53 0.0 0.0
19	0.38 0.75 0.1	0.38 0.75 0.13	0.38 0.75 0.15	0.38 0.75 0.18	0.38 0.75 0.21	0.38 0.75 0.23	0.38 0.75 0.26	0.44 0.88 0.28	0.5 1.0 0.29	0.44 0.88 0.1	0.44 0.88 0.12	0.44 0.88 0.15	0.44 0.88 0.17	0.44 0.88 0.19	0.44 0.88 0.21	0.44 0.88 0.24	0.44 0.88 0.26	0.5 1.0 0.27	0.5 1.0 0.1	0.5 1.0 0.12	0.5 1.0 0.14	0.5 1.0 0.16	0.5 1.0 0.18	0.5 1.0 0.2	0.5 1.0 0.22	0.5 1.0 0.24	0.5 1.0 0.26	1.0 0.0 0.0	0.94 0.13 0.4	0.88 0.25 0.4	0.81 0.38 0.4	0.75 0.5 0.4	0.69 0.63 0.4	0.63 0.75 0.4	0.56 0.88 0.4	0.5 1.0 0.4	0.6 0.0 0.0	0.6 0.0 0.0	0.6 0.0 0.0	0.6 0.0 0.0
20	0.38 0.75 0.07	0.44 0.63 0.1	0.44 0.63 0.13	0.44 0.63 0.16	0.44 0.63 0.19	0.44 0.63 0.23	0.44 0.63 0.26	0.5 0.75 0.28	0.56 0.88 0.3	0.44 0.88 0.08	0.5 0.75 0.1	0.5 0.75 0.13	0.5 0.75 0.15	0.5 0.75 0.18	0.5 0.75 0.21	0.5 0.75 0.23	0.5 0.75 0.26	0.56 0.88 0.28	0.5 1.0 0.08	0.56 0.88 0.1	0.56 0.88 0.12	0.56 0.88 0.15	0.56 0.88 0.17	0.56 0.88 0.19	0.56 0.88 0.21	0.56 0.88 0.24	0.56 0.88 0.26	0.94 0.13 0.94	0.88 0.0 0.0	0.81 0.13 0.4	0.75 0.25 0.4	0.69 0.38 0.4	0.63 0.5 0.4	0.56 0.63 0.4	0.5 0.75 0.4	0.44 0.88 0.4	0.67 0.0 0.0	0.67 0.0 0.0	0.67 0.0 0.0	0.67 0.0 0.0
21	0.38 0.75 0.05	0.44 0.63 0.07	0.5 0.5 0.1	0.5 0.5 0.14	0.5 0.5 0.18	0.5 0.5 0.22	0.5 0.5 0.26	0.56 0.63 0.29	0.63 0.75 0.3	0.44 0.88 0.05	0.5 0.75 0.07	0.56 0.63 0.1	0.56 0.63 0.13	0.56 0.63 0.16	0.56 0.63 0.19	0.56 0.63 0.23	0.56 0.63 0.26	0.63 0.75 0.28	0.5 1.0 0.06	0.56 0.88 0.08	0.63 0.75 0.1	0.63 0.75 0.13	0.63 0.75 0.15	0.63 0.75 0.18	0.63 0.75 0.21	0.63 0.75 0.23	0.63 0.75 0.26	0.88 0.25 0.94	0.81 0.13 0.94	0.75 0.0 0.0	0.69 0.13 0.4	0.63 0.25 0.4	0.56 0.38 0.4	0.5 0.5 0.4	0.44 0.63 0.4	0.38 0.75 0.4	0.73 0.0 0.0	0.73 0.0 0.0	0.73 0.0 0.0	0.73 0.0 0.0
22	0.38 0.75 0.02	0.44 0.63 0.04	0.5 0.5 0.06	0.56 0.38 0.1	0.56 0.38 0.15	0.56 0.38 0.21	0.56 0.38 0.26	0.63 0.5 0.29	0.69 0.63 0.31	0.44 0.88 0.03	0.5 0.75 0.05	0.56 0.63 0.07	0.63 0.5 0.1	0.63 0.5 0.14	0.63 0.5 0.18	0.63 0.5 0.22	0.63 0.5 0.26	0.69 0.63 0.29	0.5 1.0 0.04	0.56 0.88 0.05	0.63 0.75 0.07	0.69 0.63 0.1	0.69 0.63 0.13	0.69 0.63 0.16	0.69 0.63 0.19	0.69 0.63 0.23	0.69 0.63 0.26	0.81 0.38 0.94	0.75 0.25 0.94	0.69 0.13 0.94	0.63 0.0 0.0	0.56 0.13 0.4	0.5 0.25 0.4	0.44 0.38 0.4	0.38 0.5 0.4	0.31 0.63 0.4	0.8 0.0 0.0	0.8 0.0 0.0	0.8 0.0 0.0	0.8 0.0 0.0
23	0.38 0.75 0.99	0.44 0.63 0.0	0.5 0.5 0.02	0.56 0.38 0.05	0.63 0.25 0.1	0.63 0.25 0.18	0.63 0.25 0.26	0.69 0.38 0.3	0.75 0.5 0.33	0.44 0.88 0.01	0.5 0.75 0.02	0.56 0.63 0.04	0.63 0.5 0.06	0.69 0.38 0.1	0.69 0.38 0.15	0.69 0.38 0.21	0.69 0.38 0.26	0.75 0.5 0.29	0.5 1.0 0.02	0.56 0.88 0.03	0.63 0.75 0.05	0.69 0.63 0.07	0.75 0.5 0.1	0.75 0.5 0.14	0.75 0.5 0.18	0.75 0.5 0.22	0.75 0.5 0.26	0.75 0.5 0.94	0.69 0.38 0.94	0.63 0.25 0.94	0.56 0.13 0.94	0.5 0.0 0.0	0.44 0.13 0.4	0.38 0.25 0.4	0.31 0.38 0.4	0.25 0.5 0.4	0.87 0.0 0.0	0.87 0.0 0.0	0.87 0.0 0.0	0.87 0.0 0.0
24	0.38 0.75 0.96	0.44 0.63 0.97	0.5 0.5 0.98	0.56 0.38 0.99	0.63 0.25 0.02	0.69 0.13 0.1	0.69 0.13 0.26	0.75 0.25 0.33	0.81 0.38 0.35	0.44 0.88 0.98	0.5 0.75 0.99	0.56 0.63 0.0	0.63 0.5 0.02	0.69 0.38 0.05	0.75 0.25 0.1	0.75 0.25 0.18	0.75 0.25 0.26	0.81 0.38 0.3	0.5 1.0 1.0	0.56 0.88 0.01	0.63 0.75 0.02	0.69 0.63 0.04	0.75 0.5 0.06	0.81 0.38 0.1	0.81 0.38 0.15	0.81 0.38 0.21	0.81 0.38 0.26	0.69 0.63 0.94	0.63 0.5 0.94	0.56 0.38 0.94	0.5 0.25 0.94	0.44 0.13 0.94	0.38 0.0 0.0	0.31 0.13 0.4	0.25 0.25 0.4	0.19 0.38 0.4	0.93 0.0 0.0	0.93 0.0 0.0	0.93 0.0 0.0	0.93 0.0 0.0
25	0.38 0.75 0.94	0.44 0.63 0.94	0.5 0.5 0.94	0.56 0.38 0.94	0.63 0.25 0.94	0.69 0.13 0.94	0.75 0.0 0.0	0.81 0.13 0.4	0.88 0.25 0.4	0.44 0.88 0.96	0.5 0.75 0.96	0.56 0.63 0.97	0.63 0.5 0.98	0.69 0.38 0.99	0.75 0.25 0.02	0.81 0.13 0.1	0.81 0.13 0.26	0.88 0.25 0.33	0.5 1.0 0.98	0.56 0.88 0.98	0.63 0.75 0.99	0.69 0.63 0.0	0.75 0.5 0.02	0.81 0.38 0.05	0.88 0.25 0.1	0.88 0.25 0.18	0.88 0.25 0.26	0.63 0.75 0.94	0.56 0.63 0.94	0.5 0.5 0.94	0.44 0.38 0.94	0.38 0.25 0.94	0.31 0.13 0.94	0.25 0.0 0.0	0.19 0.13 0.4	0.13 0.25 0.4	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0
26	0.44 0.88 0.93	0.5 0.75 0.92	0.56 0.63 0.92	0.63 0.5 0.92	0.69 0.38 0.91	0.75 0.25 0.9	0.81 0.13 0.86	0.81 0.13 0.63	0.88 0.25 0.51	0.44 0.88 0.94	0.5 0.75 0.94	0.56 0.63 0.94	0.63 0.5 0.94	0.69 0.38 0.94	0.75 0.25 0.94	0.81 0.13 0.94	0.88 0.0 0.0	0.94 0.13 0.4	0.5 1.0 0.96	0.56 0.88 0.96	0.63 0.75 0.96	0.69 0.63 0.97	0.75 0.5 0.98	0.81 0.38 0.99	0.88 0.25 0.02	0.94 0.13 0.1	0.94 0.13 0.26	0.56 0.88 0.94	0.5 0.75 0.94	0.44 0.63 0.94	0.38 0.5 0.94	0.31 0.38 0.94	0.25 0.25 0.94	0.19 0.13 0.94	0.13 0.0 0.0	0.06 0.13 0.4	0.0 0.0 0.0	0.5 1.0 0.1	0.5 1.0 0.26	0.5 1.0 0.4
27	0.5 1.0 0.92	0.56 0.88 0.92	0.63 0.75 0.91	0.69 0.63 0.91	0.75 0.5 0.9	0.81 0.38 0.89	0.88 0.25 0.86	0.88 0.25 0.75	0.88 0.25 0.63	0.5 1.0 0.93	0.56 0.88 0.93	0.63 0.75 0.92	0.69 0.63 0.92	0.75 0.5 0.92	0.81 0.38 0.91	0.88 0.25 0.9	0.94 0.13 0.86	0.94 0.13 0.63	0.5 1.0 0.94	0.56 0.88 0.94	0.63 0.75 0.94	0.69 0.63 0.94	0.75 0.5 0.94	0.81 0.38 0.94	0.88 0.25 0.94	0.94 0.13 0.94	1.0 0.0 0.0	0.5 1.0 0.94	0.44 0.88 0.94	0.38 0.75 0.94	0.31 0.63 0.94	0.25 0.5 0.94	0.19 0.38 0.94	0.13 0.25 0.94	0.06 0.13 0.94	0.0 0.0 0.0	1.0 0.0 0.0	0.5 1.0 0.63	0.5 1.0 0.86	0.5 1.0 0.94

Input and output:
Colorimetric Printer Reflective System FRS12_95a
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 = 0.9

FRS12_95a; adapted (a) CIELAB data

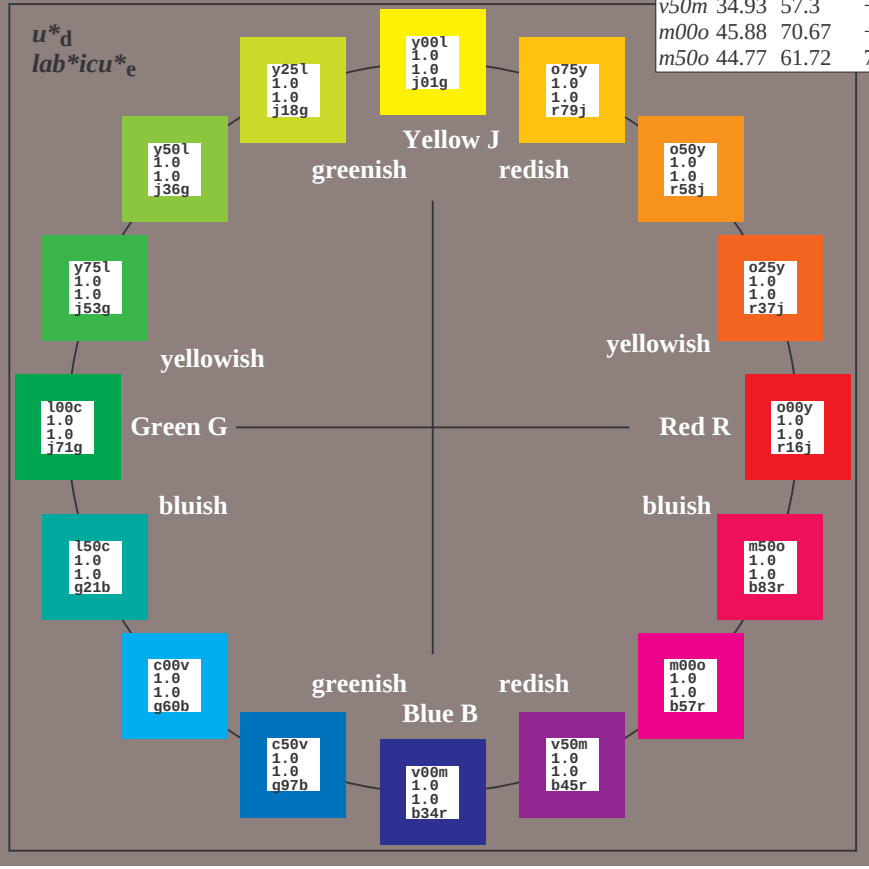
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

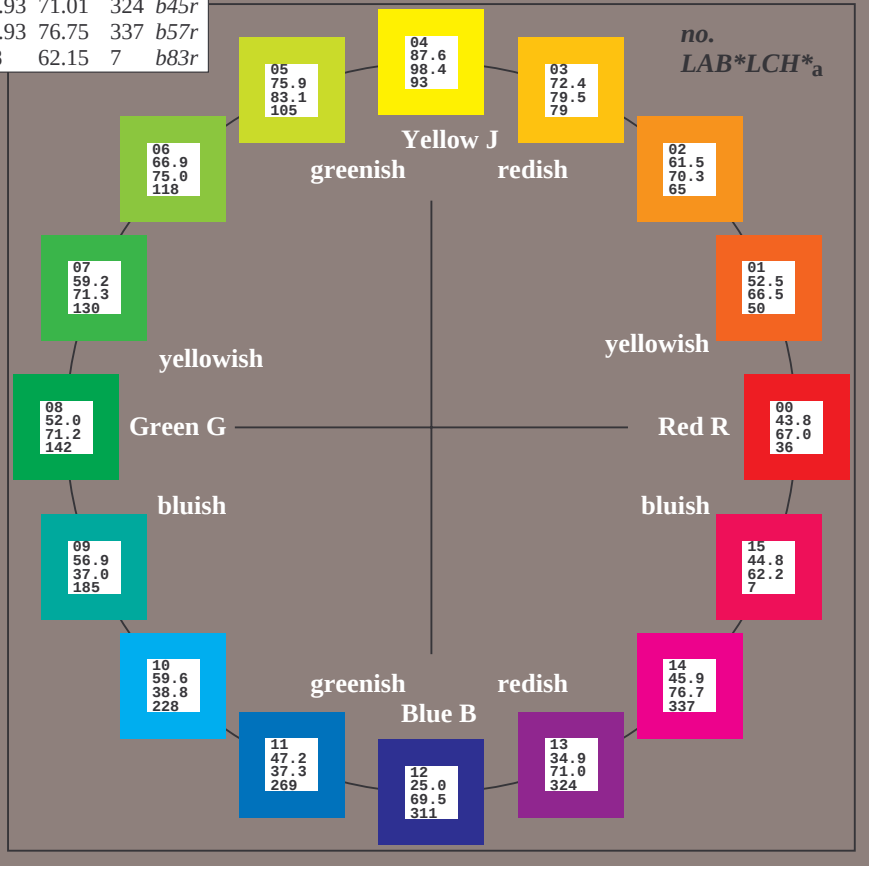


%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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



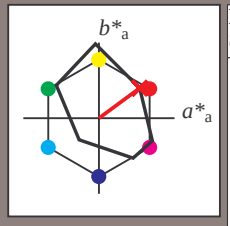


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r16j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

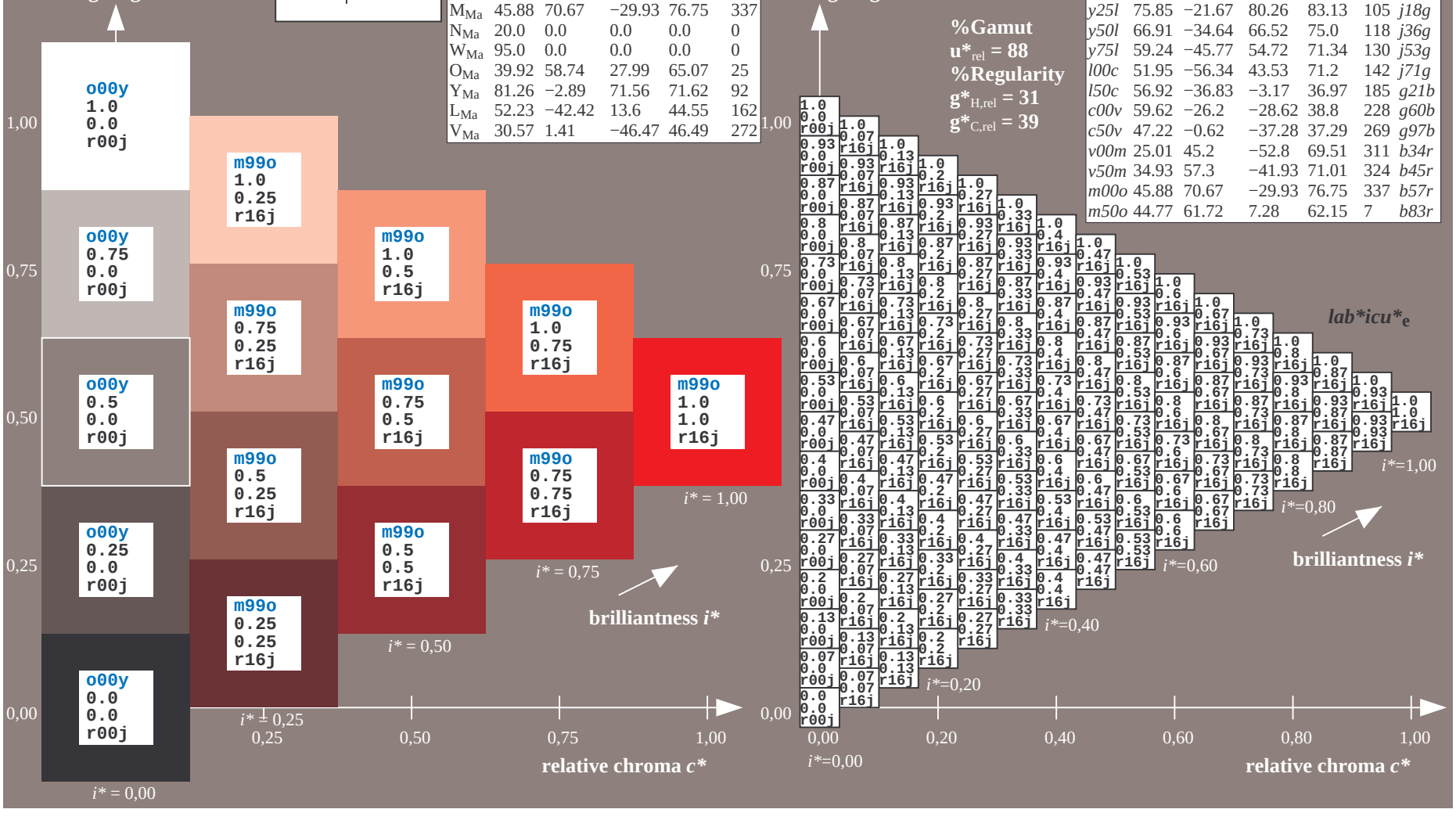
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 44 54 40
*LAB*LCH**$_{Ma}$: 44 67 36
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.16 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o00y*
*lab*icu**$_e$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

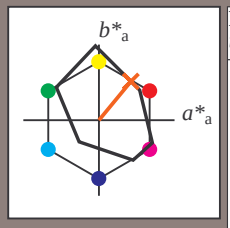


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r37j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

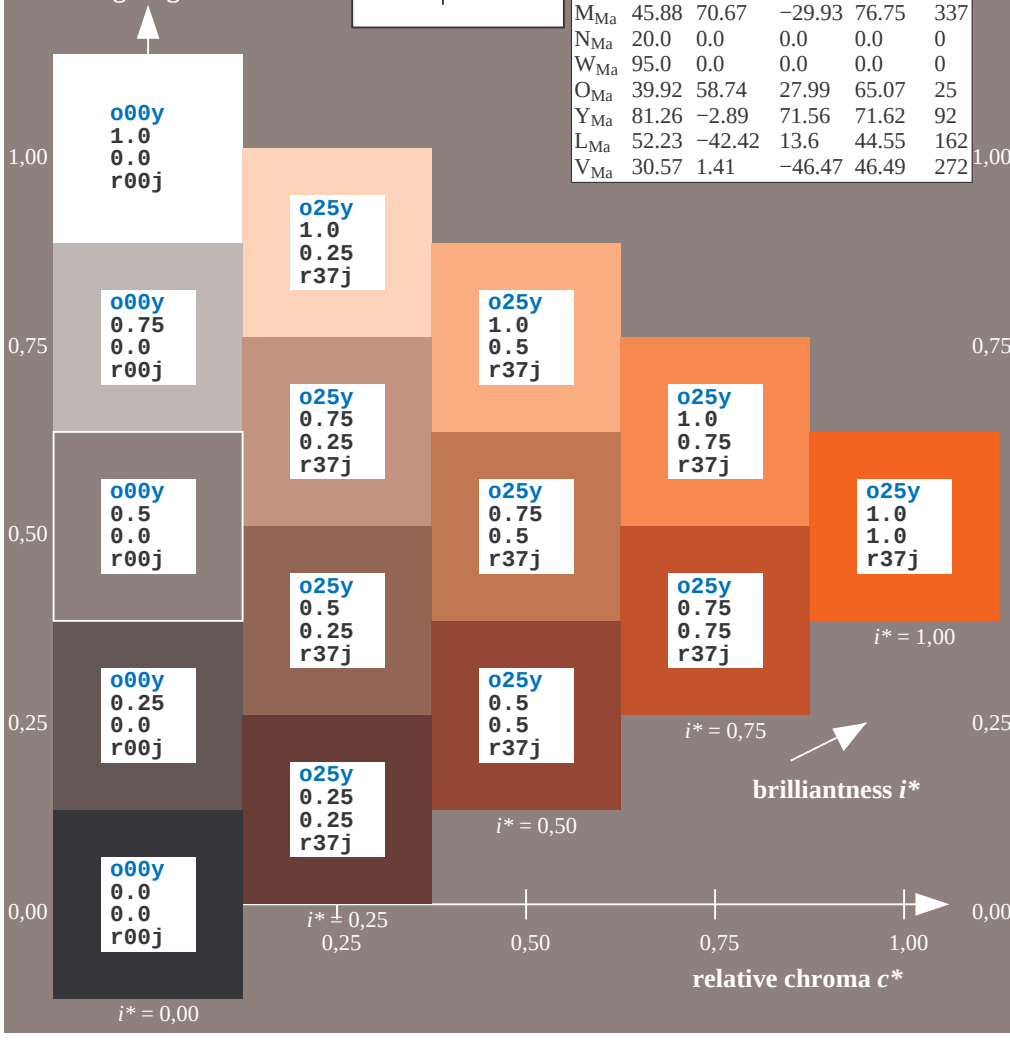
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 42 51
*LAB*LCH**$_{Ma}$: 52 67 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

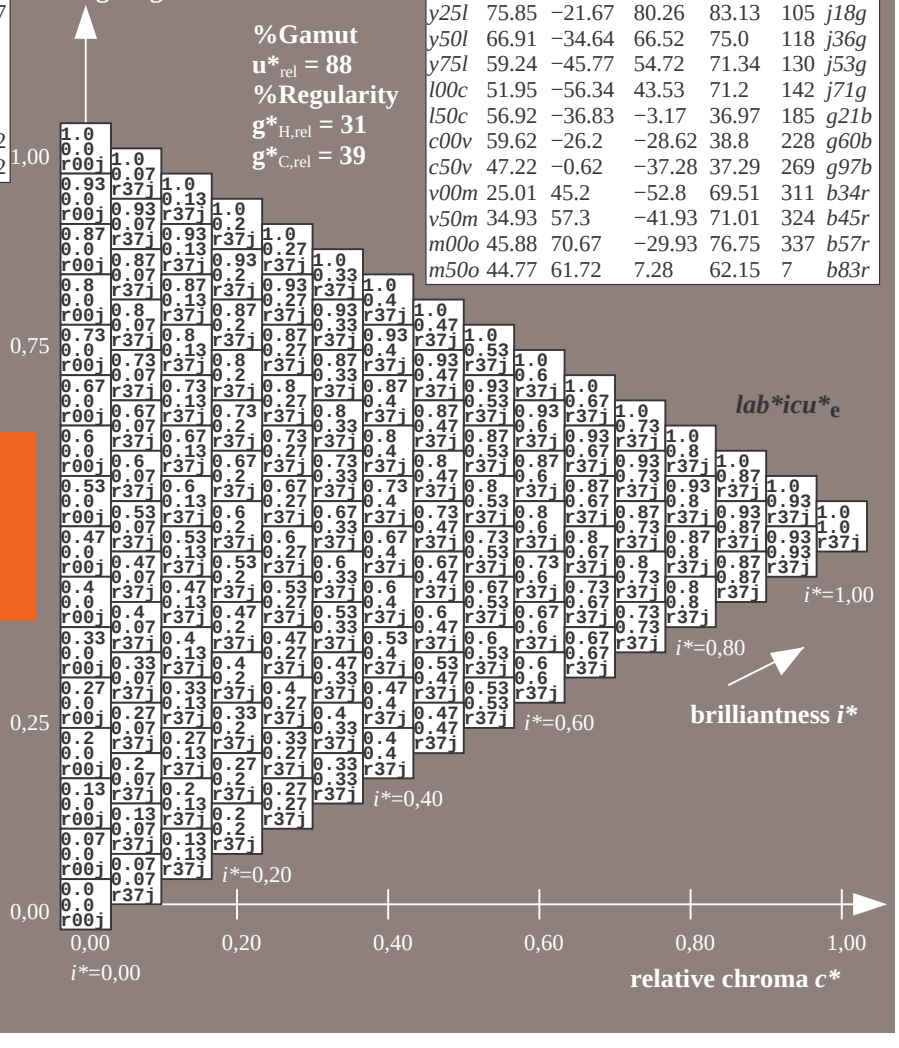
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o25y*
*lab*icu**$_e$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



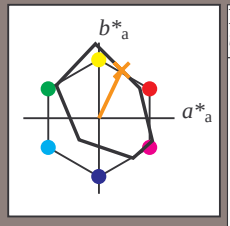


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r58j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

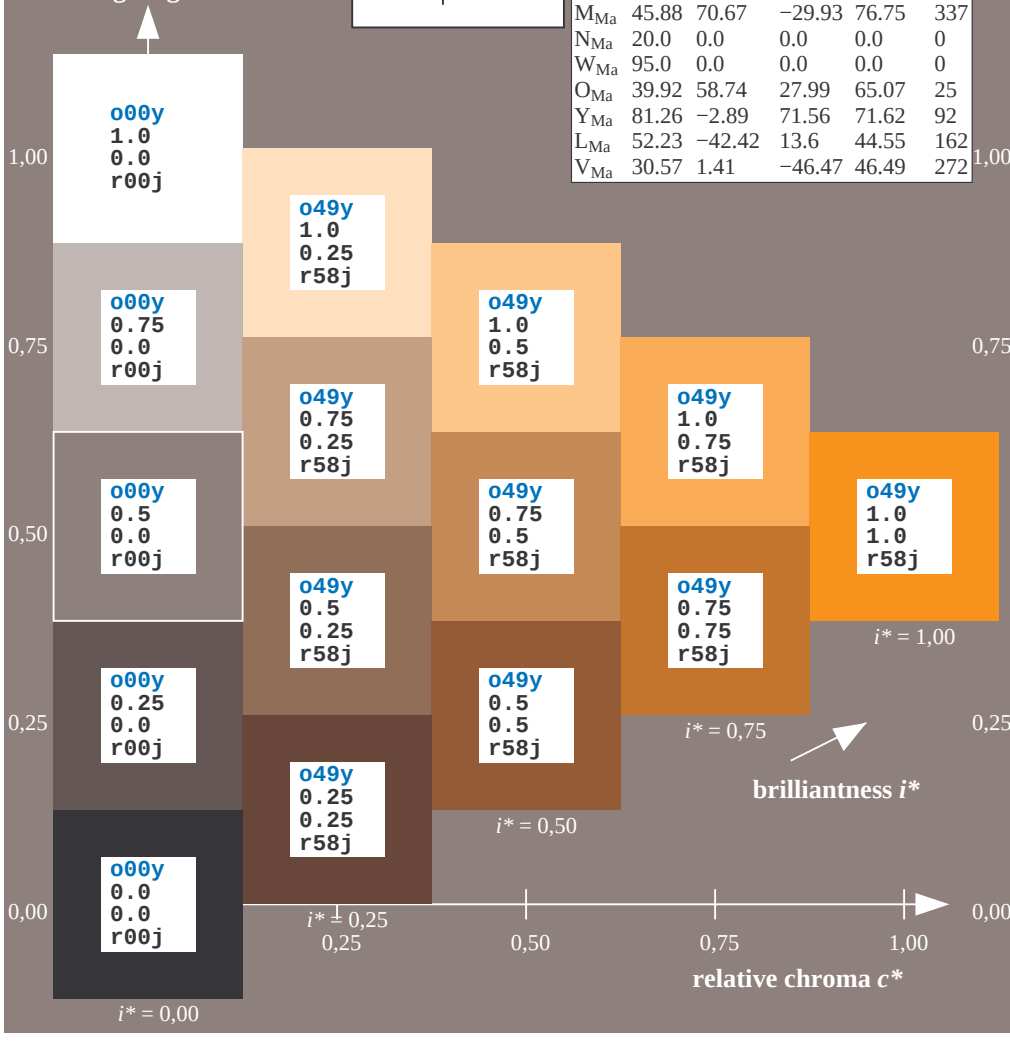
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 62 30 63**
***LAB*LCH*Ma*: 62 70 64**
***lab*olv*Ma*: 1.0 0.5 0.0**
***lab*rgb*Ma*: 1.0 0.58 0.0**
triangle lightness *t**

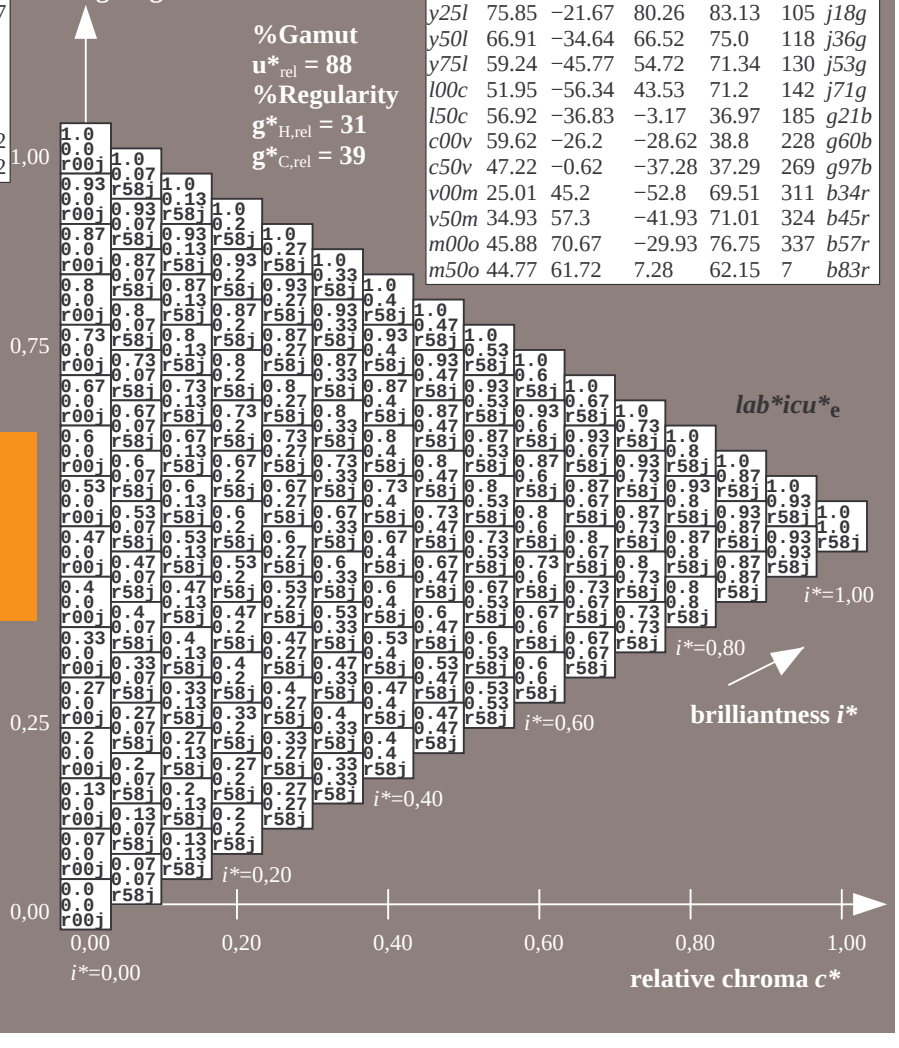
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o50y*
*lab*icu**$_e$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



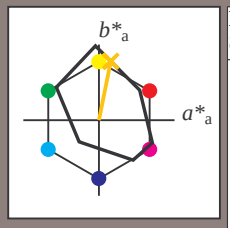


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r79j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

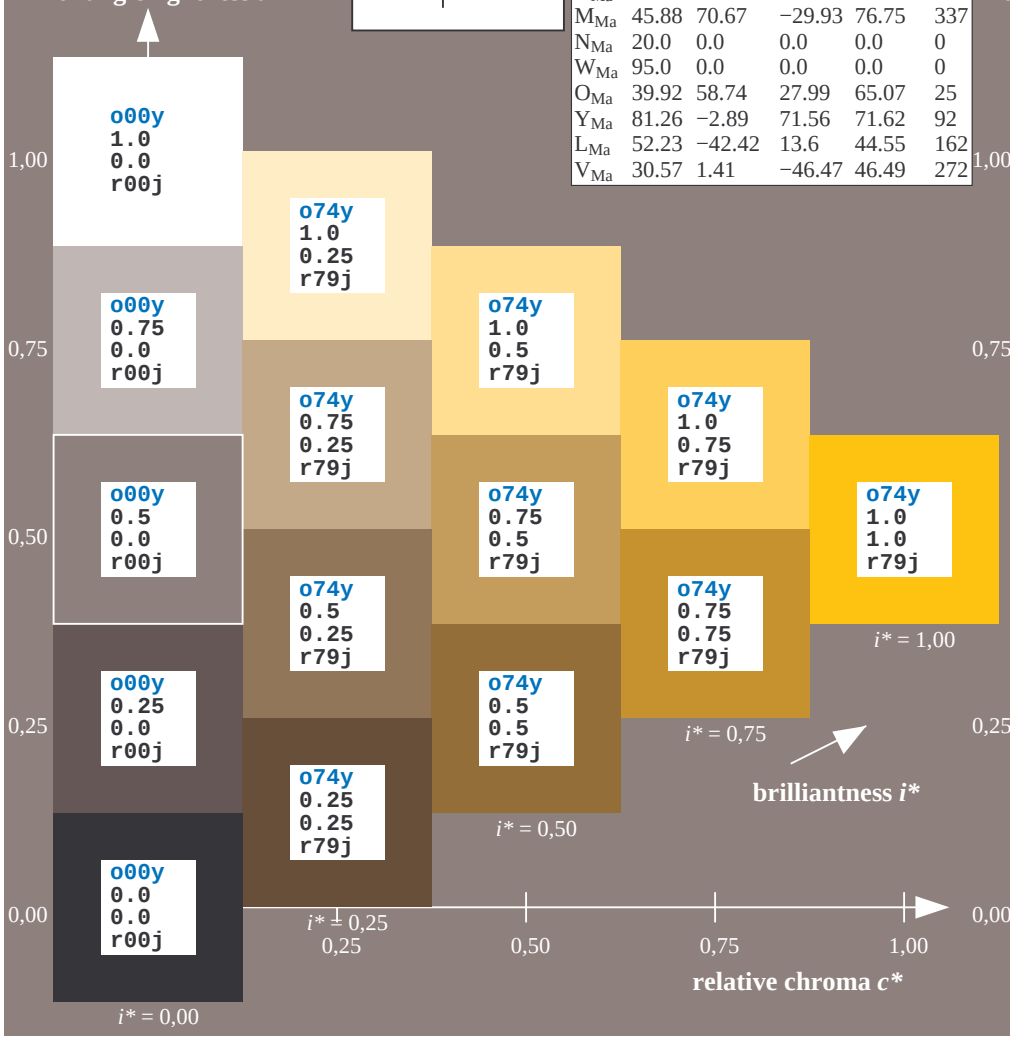
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 72 16 78
*LAB*LCH**$_{Ma}$: 72 80 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.8 0.0
triangle lightness *t**

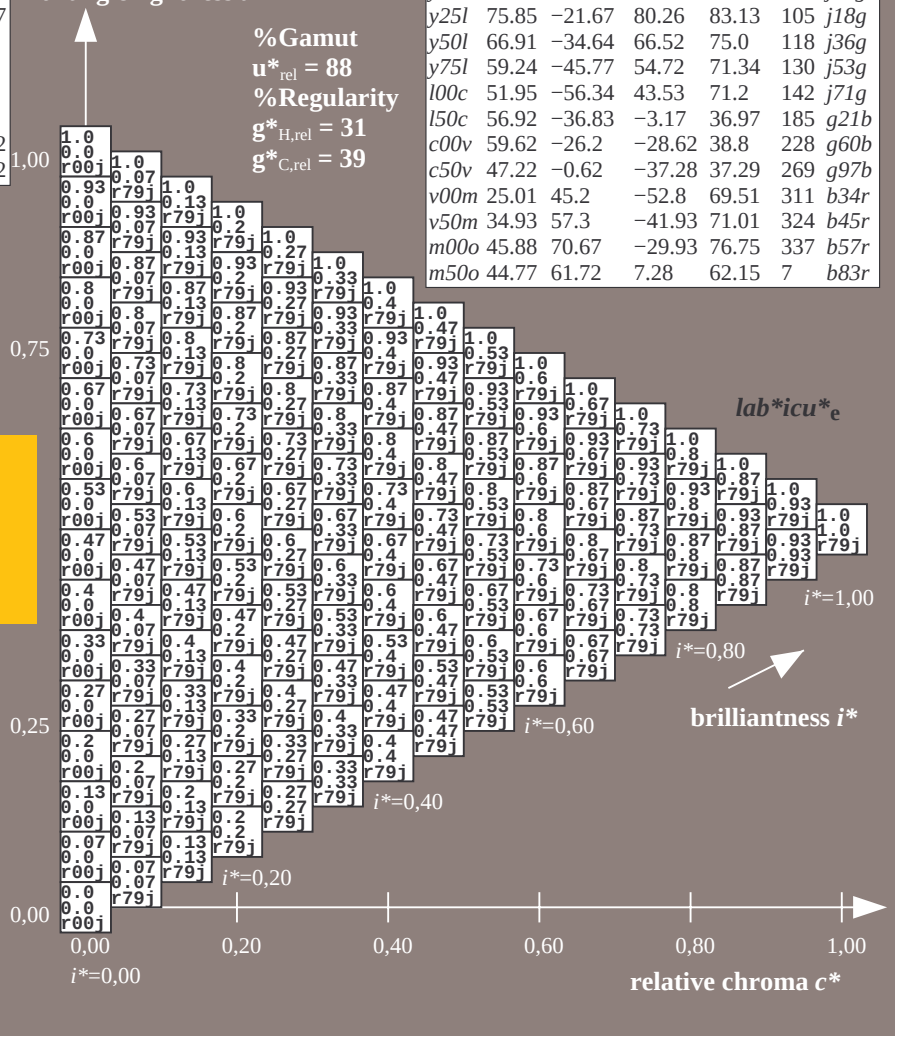
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o75y*
*lab*icu**$_e$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



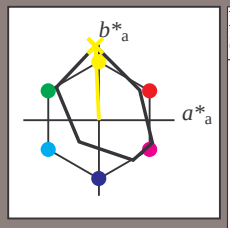


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = o00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

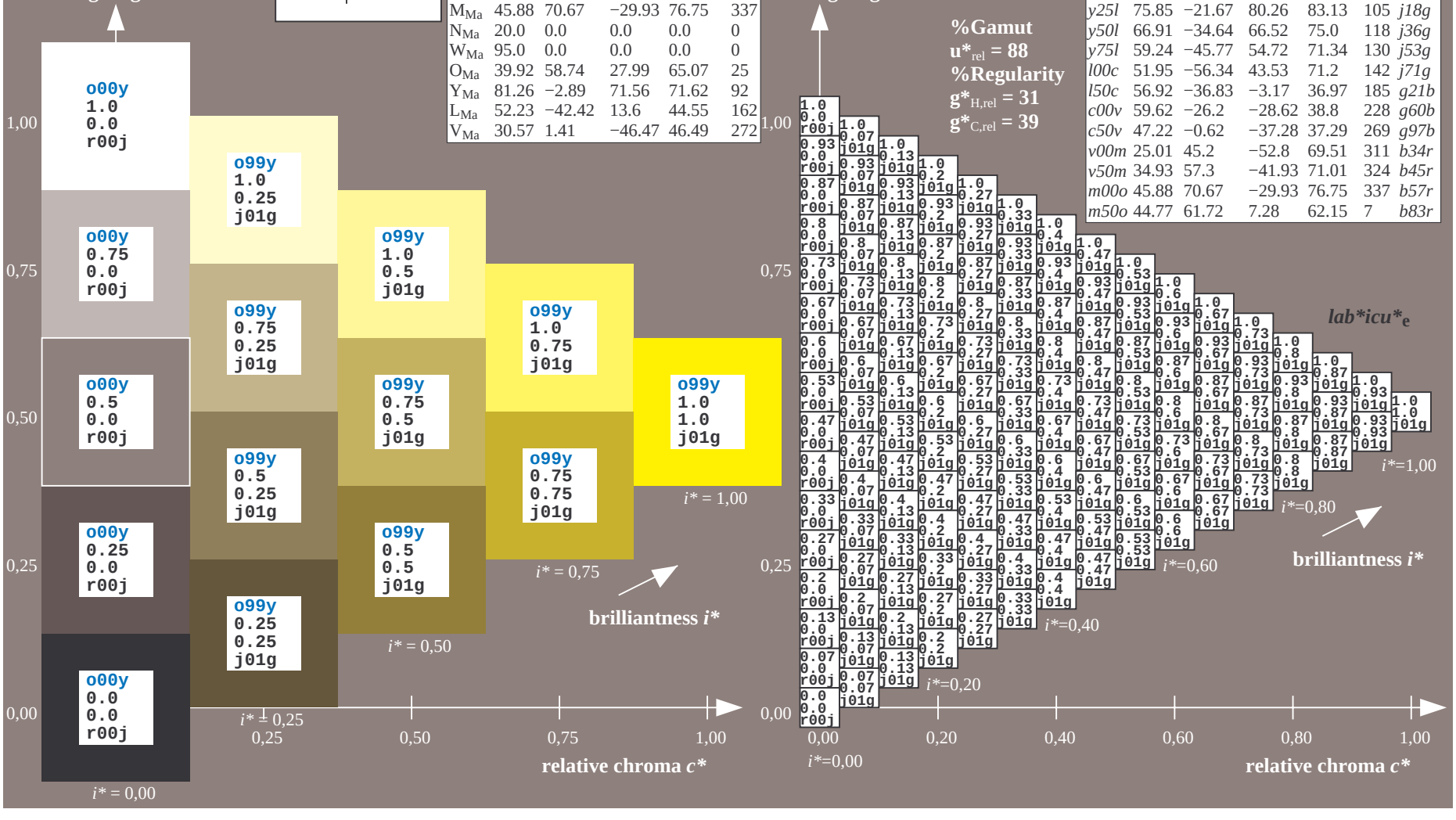
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 88 −5 98**
***LAB*LCH*Ma*: 88 98 92**
***lab*olv*Ma*: 1.0 1.0 0.0**
***lab*rgb*Ma*: 0.99 1.0 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

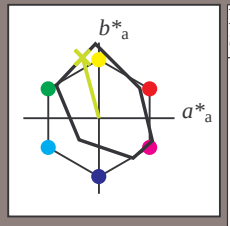
$u^*_d = o00l$
$lab^*icu^*_e$



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

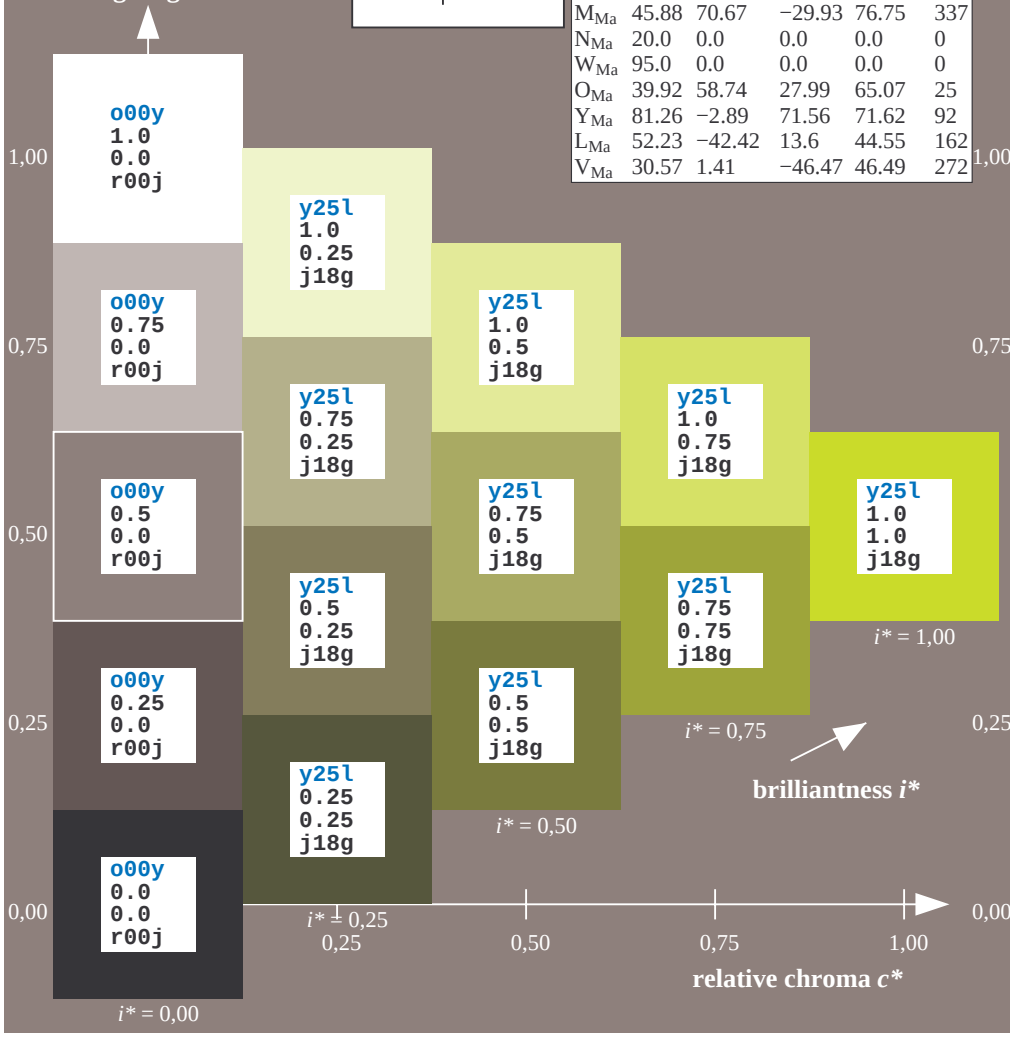
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 76 −22 80**
***LAB*LCH**$_{Ma}$: 76 83 105**
***lab*olv**$_{Ma}$: 0.75 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.82 1.0 0.0**
triangle lightness *t**

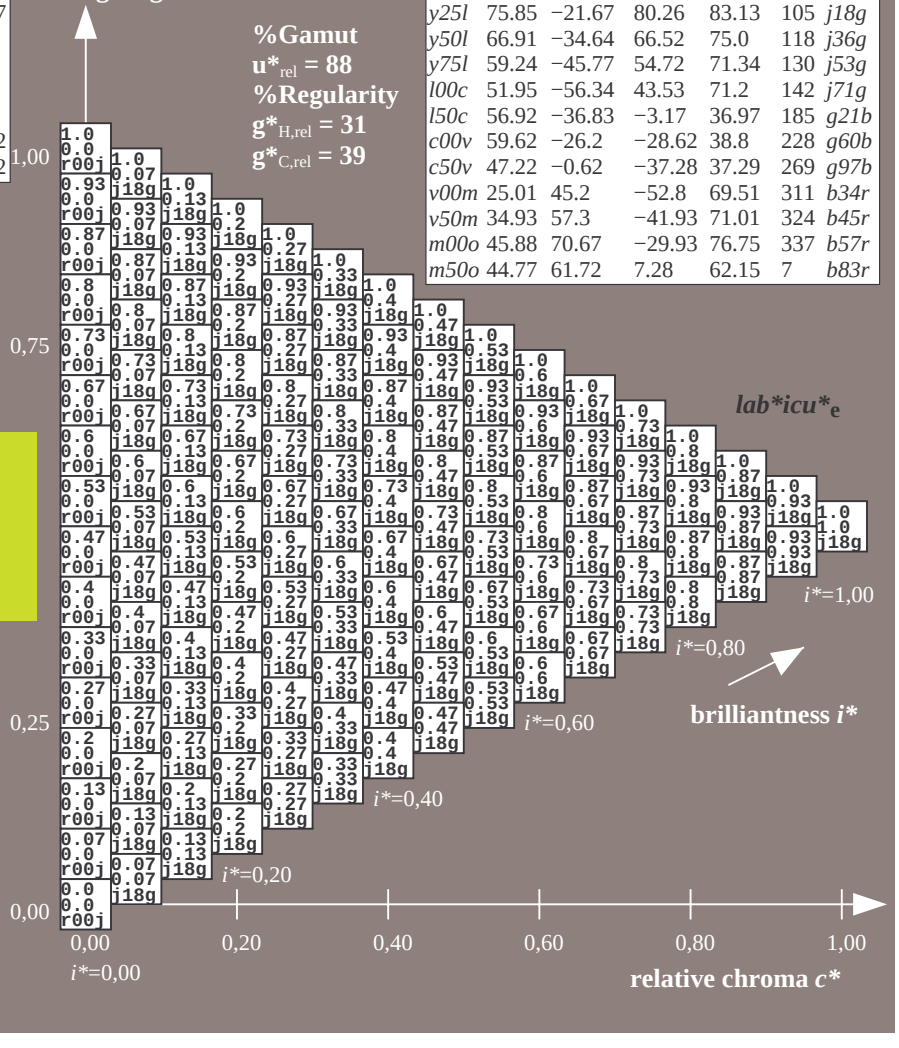
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y25l$
$lab^*icu^*_e$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



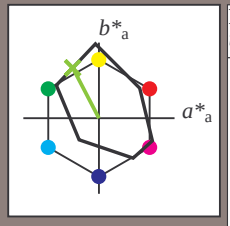


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

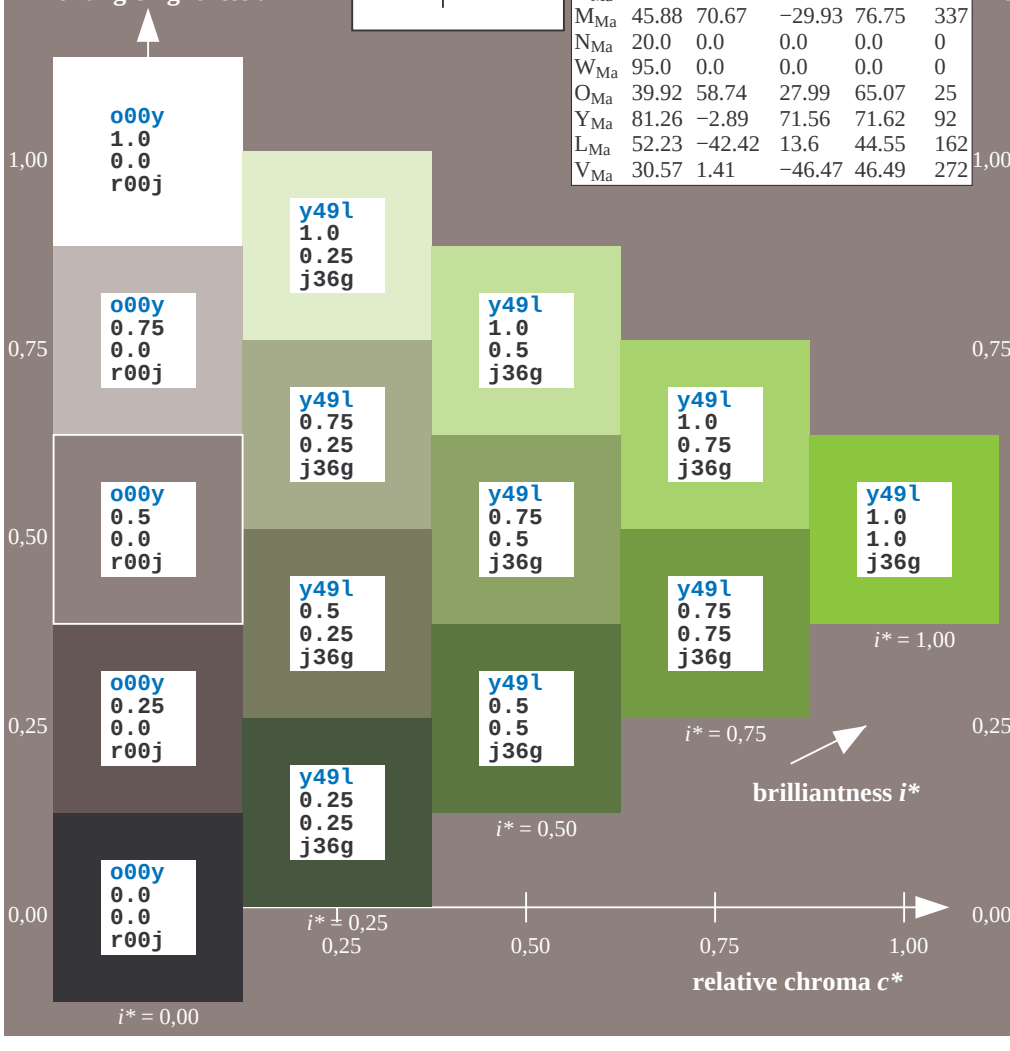
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 67 −35 67**
***LAB*LCH**$_{Ma}$: 67 75 117**
***lab*olv**$_{Ma}$: 0.5 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.64 1.0 0.0**
triangle lightness *t**

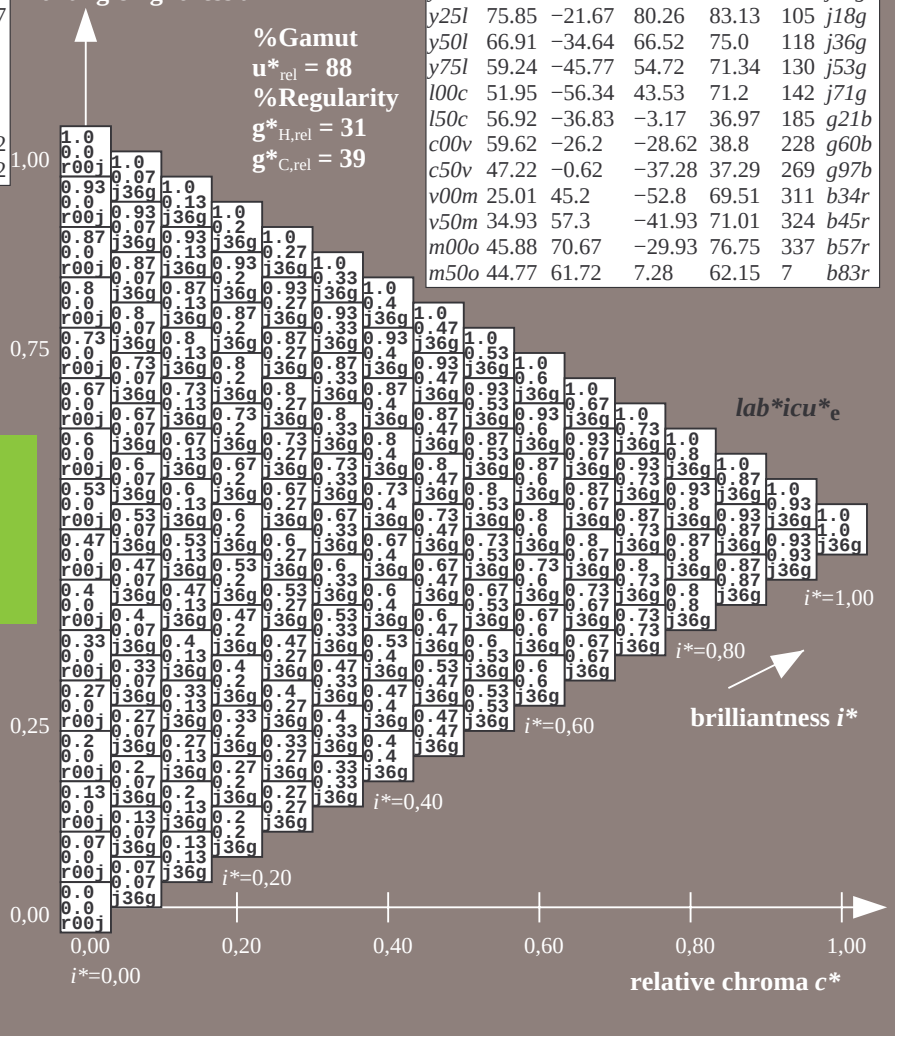
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y50l$
$lab^*icu^*_e$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



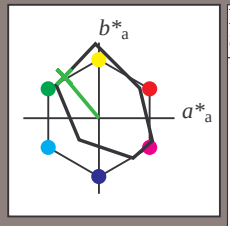


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

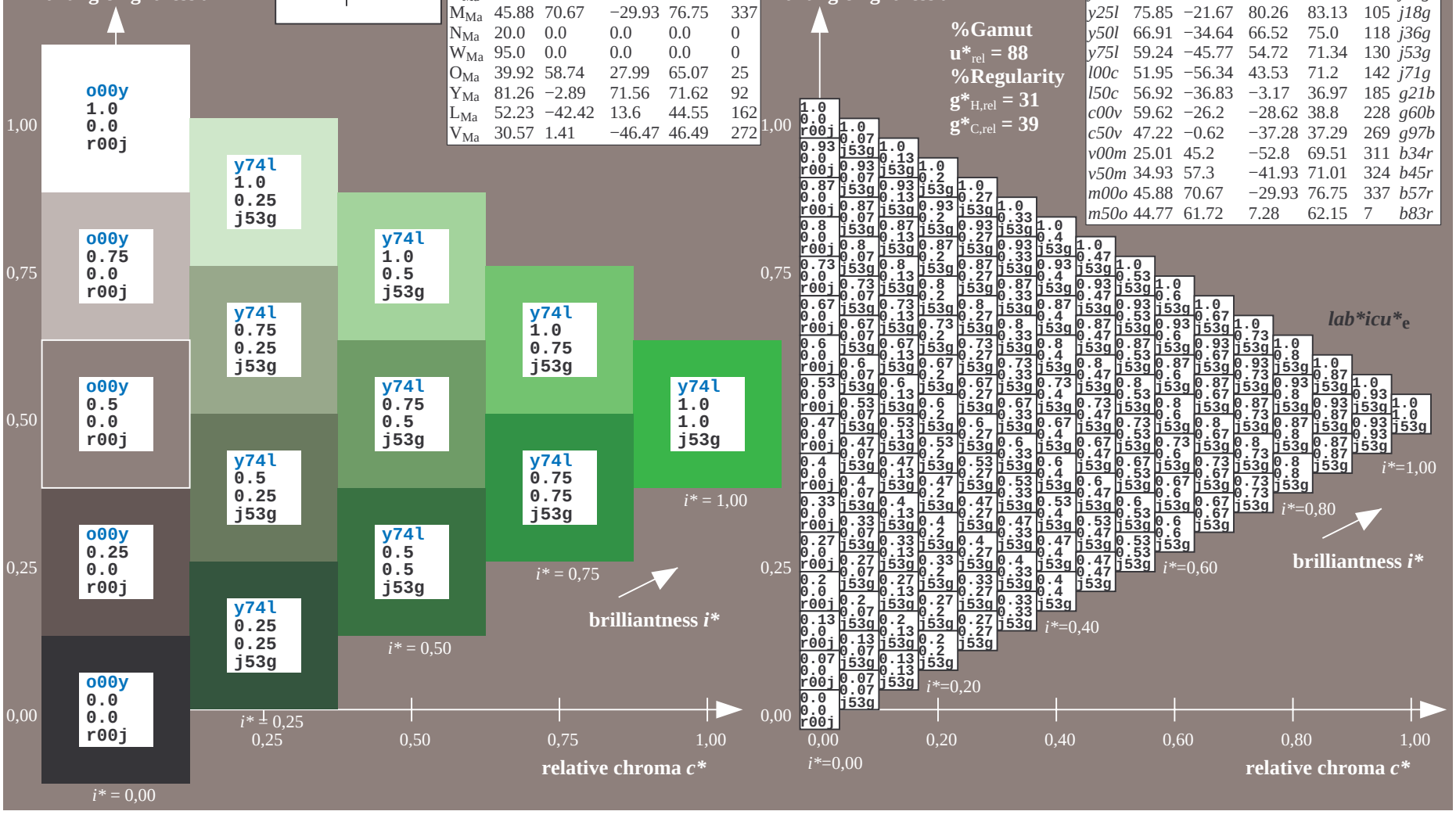
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 59 −46 55**
***LAB*LCH**$_{Ma}$: 59 71 129**
***lab*olv**$_{Ma}$: 0.25 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.46 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y75l$
$lab^*icu^*_e$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

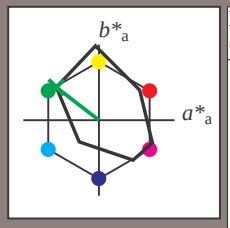


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

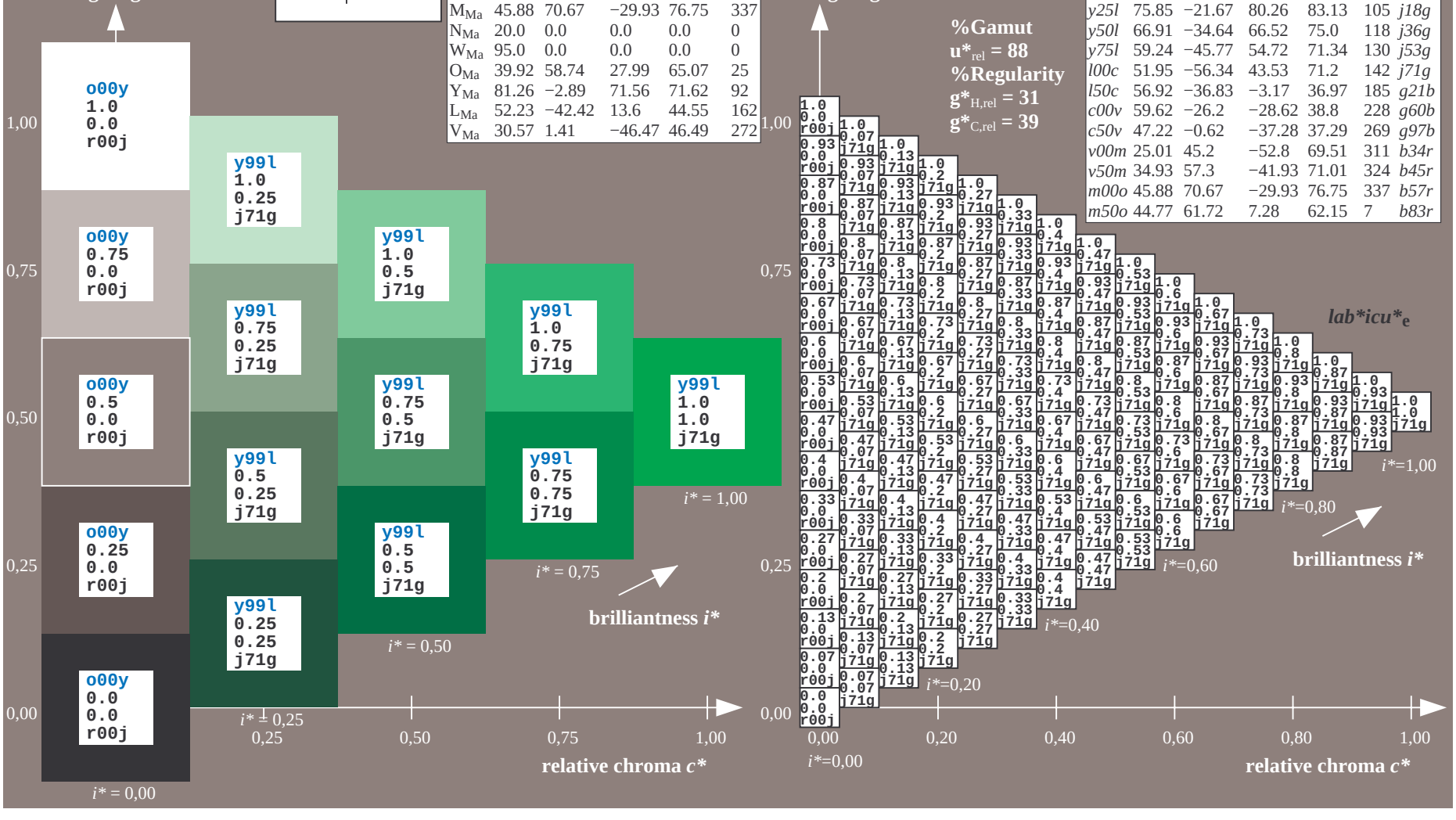
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 −56 44
$LAB^*LCH^*_{Ma}$: 52 71 142
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

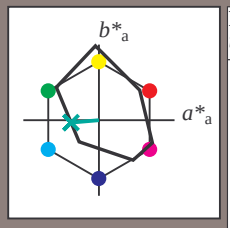


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

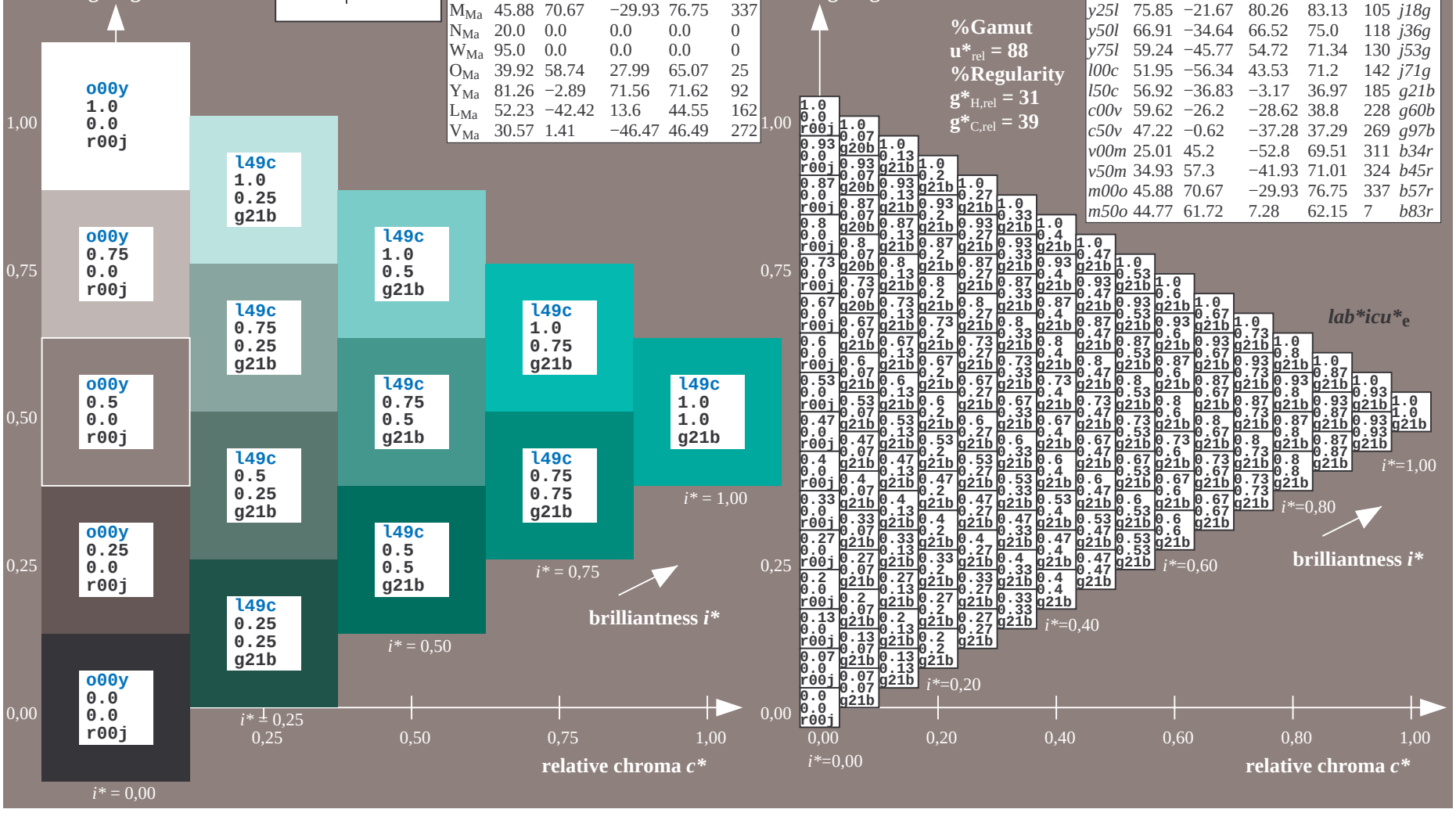
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 57 −37 −3**
***LAB*LCH**$_{Ma}$: 57 37 184**
***lab*olv**$_{Ma}$: 0.0 1.0 0.5**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.41**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = l50c$
$lab^*icu^*_e$

FRS12_95a; adapted (a) CIELAB data

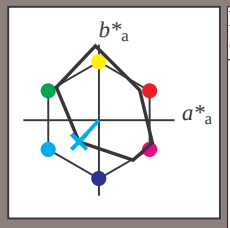
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c00v* u^*_e = *g60b*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

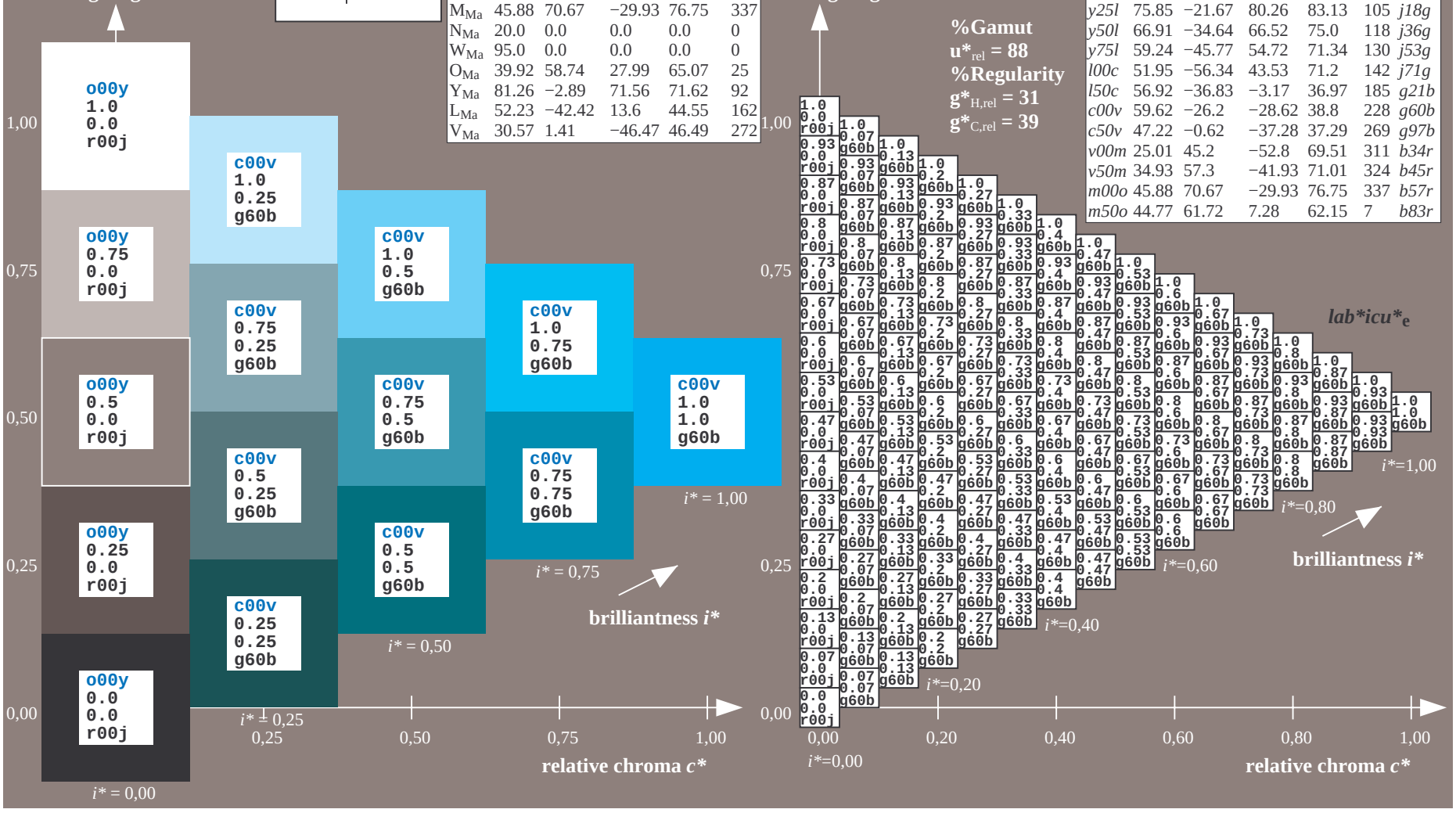
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 60 −26 −29**
***LAB*LCH*Ma*: 60 39 227**
***lab*olv*Ma*: 0.0 1.0 1.0**
***lab*rgb*Ma*: 0.0 0.81 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *c00v*
*lab*icu**$_e$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

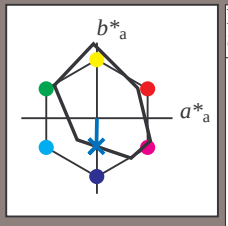


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *c50v* u^*_e = *g97b*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

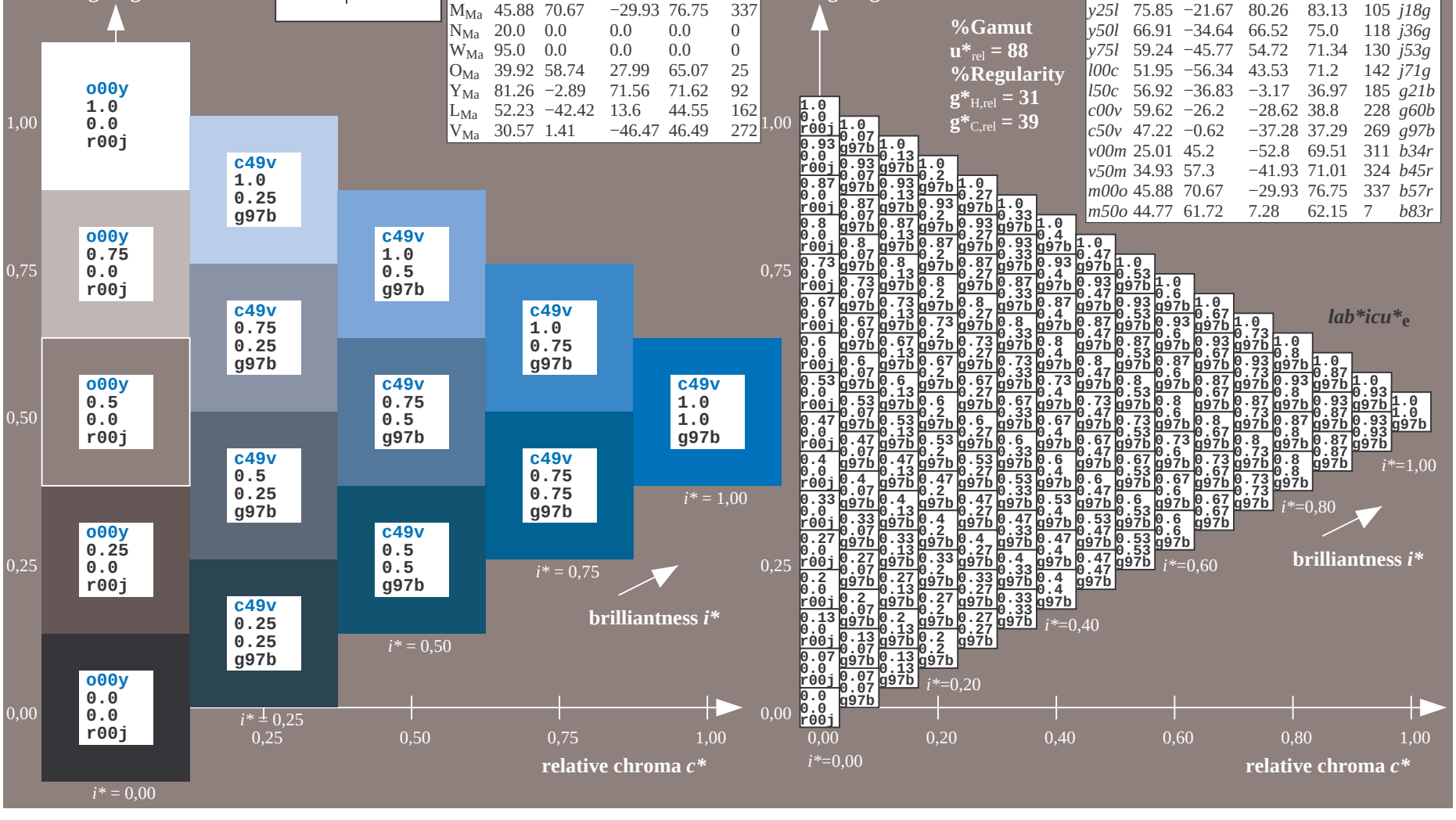
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 47 −1 −37**
***LAB*LCH*Ma*: 47 37 269**
***lab*olv*Ma*: 0.0 0.5 1.0**
***lab*rgb*Ma*: 0.0 0.05 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

u^*_d = *c50v*
*lab*icu**$_e$

FRS12_95a; adapted (a) CIELAB data

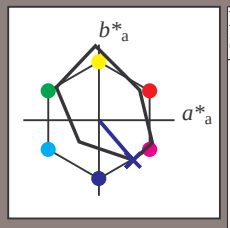
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b34r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

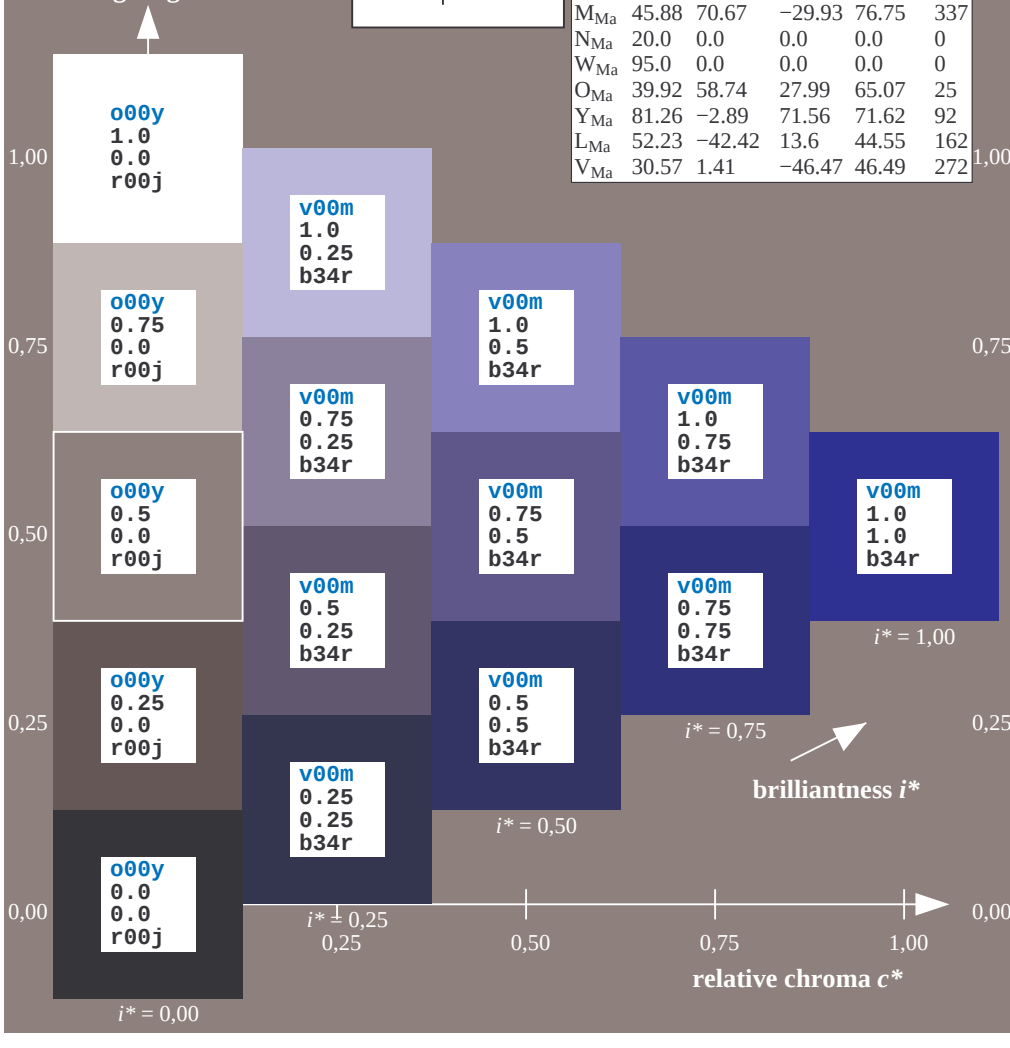
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 25 45 −53**
***LAB*LCH*Ma*: 25 70 310**
***lab*olv*Ma*: 0.0 0.0 1.0**
***lab*rgb*Ma*: 0.68 0.0 1.0**
triangle lightness *t**

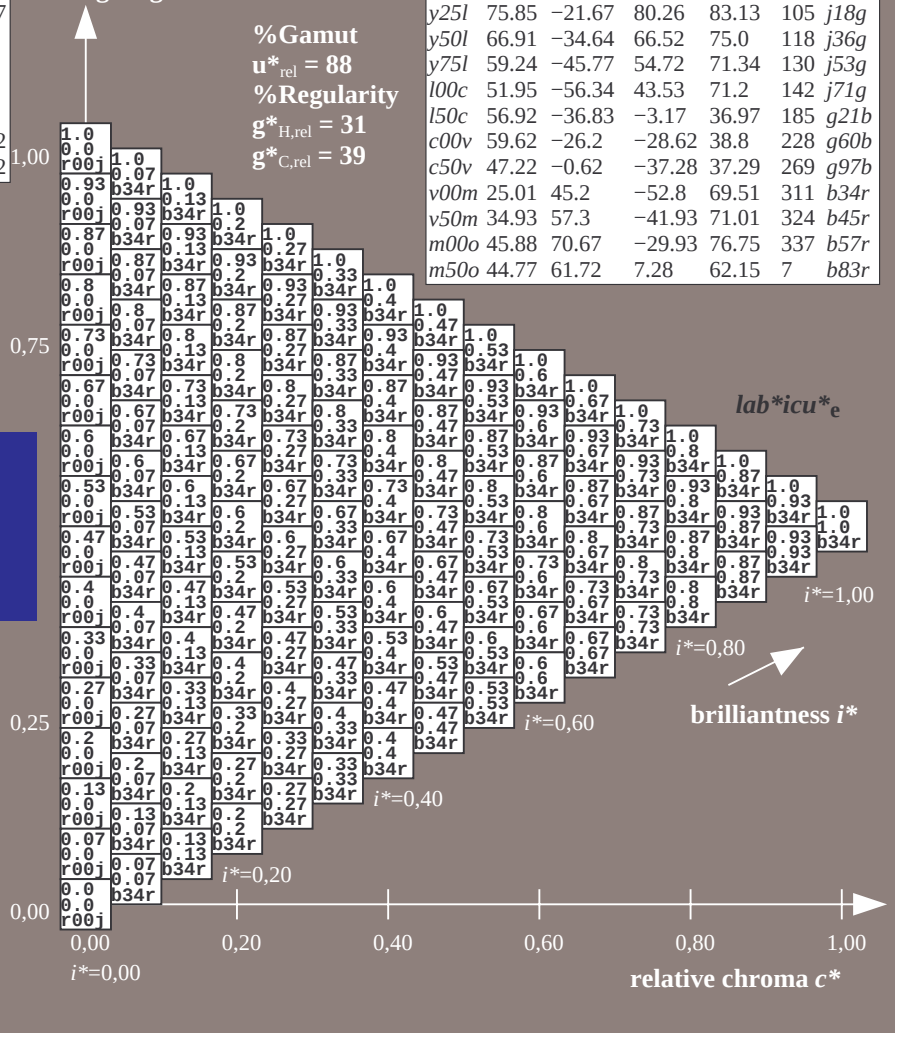
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *v00m*
*lab*icu**$_e$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





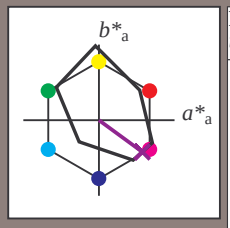
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

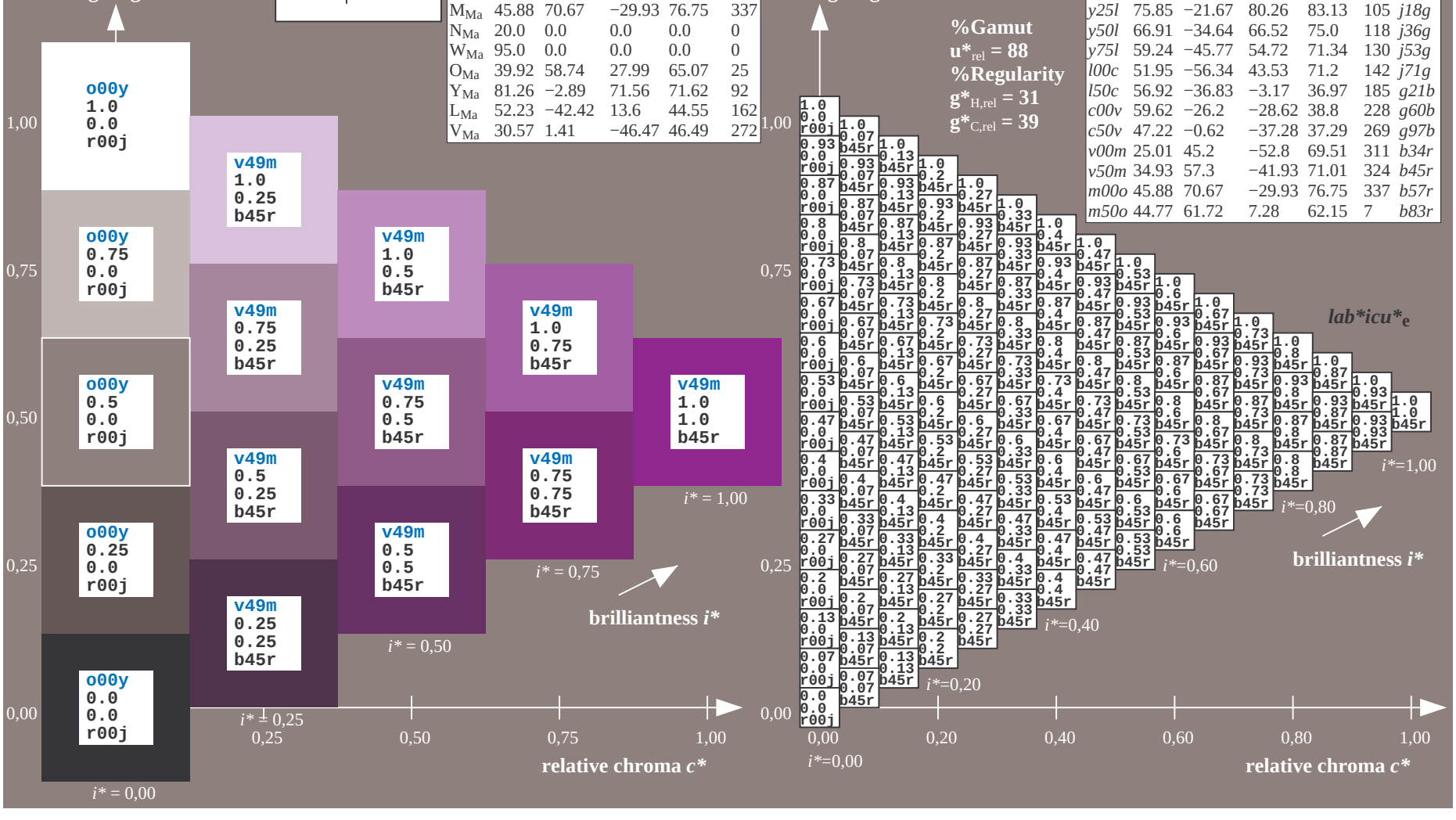
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	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 57 −42**
***LAB*LCH*Ma*: 35 71 323**
***lab*olv*Ma*: 0.5 0.0 1.0**
***lab*rgb*Ma*: 0.92 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

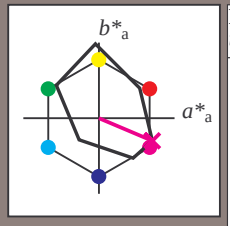


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m00o* u^*_e = *b57r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

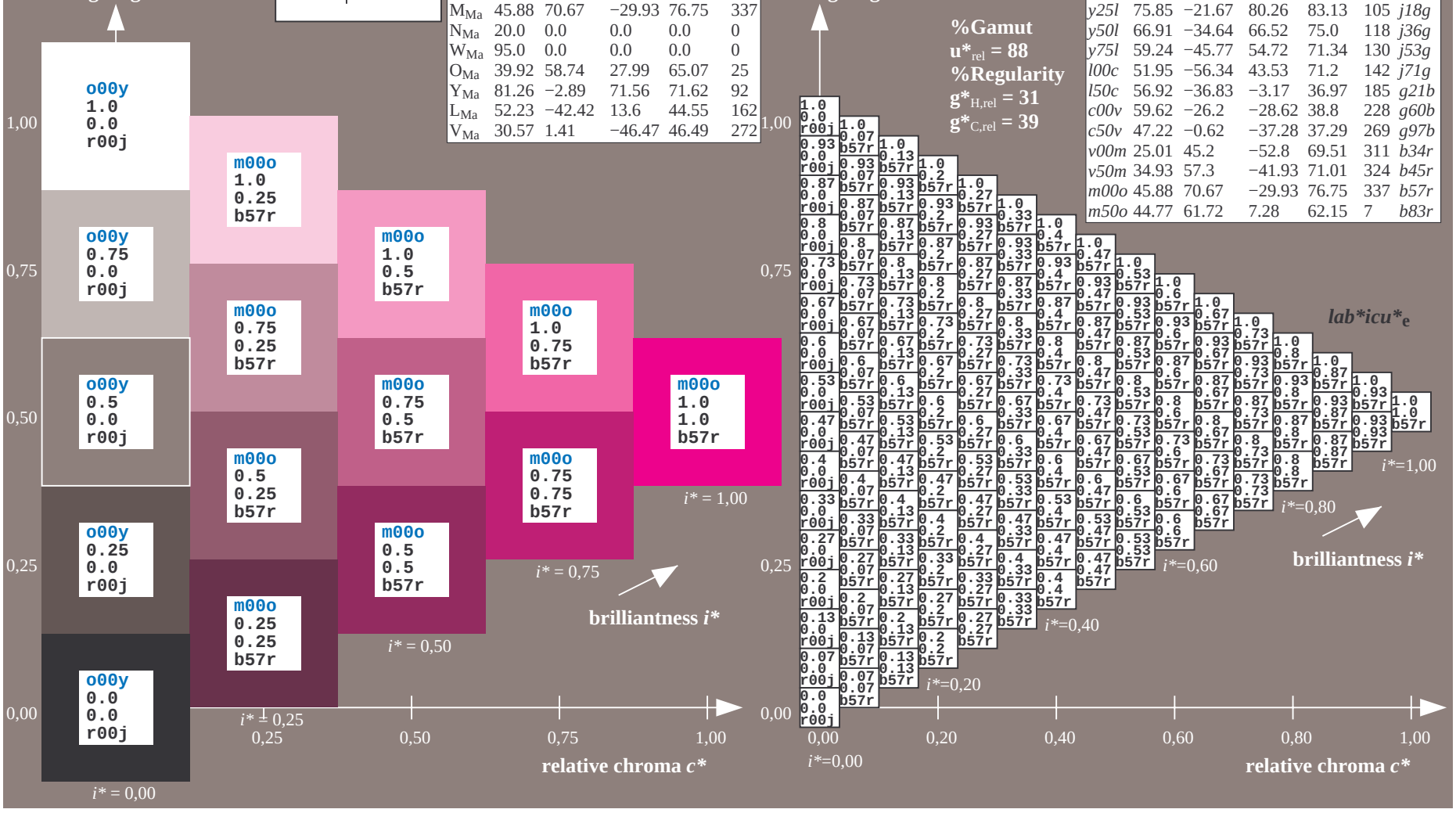
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 46 71 −30**
***LAB*LCH*Ma*: 46 77 337**
***lab*olv*Ma*: 1.0 0.0 1.0**
***lab*rgb*Ma*: 1.0 0.0 0.85**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *m00o*
*lab*icu**$_e$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

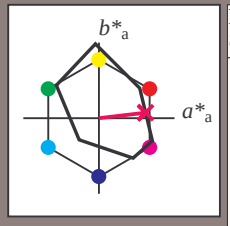


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b83r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	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

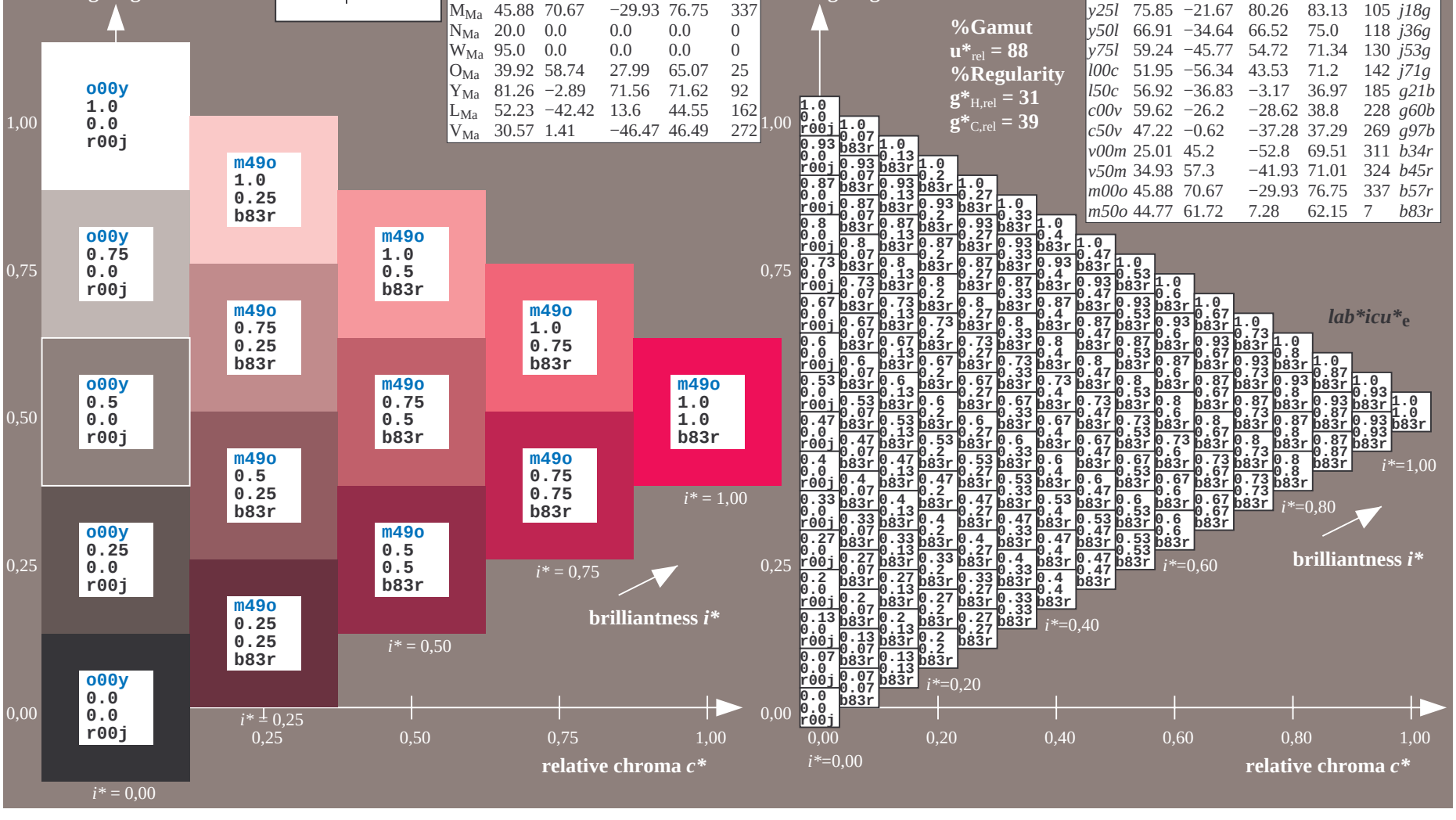
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 45 62 7
*LAB*LCH**$_{Ma}$: 45 62 6
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.33
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *m50o*
*lab*icu**$_e$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.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
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
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
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
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
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
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
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
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 g49b
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
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 j44g
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
12	0.38 0.38 b75r	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
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
14	0.5 0.5 b52r	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
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
16	0.75 0.75 b45r	0.75 0.63 b43r	0.75 0.5 b40r	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
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
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
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
20	0.75 0.75 r02j	0.75 0.63 r16j	0.75 0.63 r33j	0.75 0.63 r50j	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
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
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
23	0.75 0.75 b75r	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
24	0.75 0.75 b66r	0.75 0.63 b68r	0.75 0.5 b70r	0.75 0.38 b75r	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
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
26	0.88 0.88 b54r	0.88 0.75 b53r	0.88 0.63 b53r	0.88 0.5 b52r	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
27	1.0 1.0 b52r	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

	J	K	L	M	N	O	P	Q	R
01	0.13 0.13 r16j	0.13 0.13 j01g	0.25 0.25 j36g	0.38 0.38 j47g	0.5 0.5 j53g	0.63 0.63 j57g	0.75 0.75 j59g	0.88 0.88 j61g	1.0 1.0 j62g
02	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
03	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
04	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
05	0.5 0.5 b40r	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
06	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
07	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
08	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
09	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
10	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
11	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
12	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
13	0.5 0.5 b70r	0.5 0.38 b75r	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
14	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
15	0.63 0.63 b53r	0.63 0.5 b52r	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
16	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
17	0.88 0.88 b47r	0.88 0.75 b45r	0.88 0.63 b43r	0.88 0.5 b40r	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
18	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
19	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
20	0.88 0.88 r04j	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
21	0.88 0.88 b94r	0.88 0.75 r02j	0.88 0.63 r16j	0.88 0.63 r33j	0.88 0.63 r50j	0.88 0.63 r66j	0.88 0.63 r83j	0.88 0.63 j01g	1.0 0.75 j12g
22	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
23	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
24	0.88 0.88 b72r	0.88 0.75 b75r	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
25	0.88 0.88 b65r	0.88 0.75 b66r	0.88 0.63 b68r	0.88 0.5 b70r	0.88 0.38 b75r	0.88 0.25 b83r	0.88 0.13 r16j	0.88 0.13 j01g	1.0 0.25 j36g
26	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
27	1.0 1.0 b54r	1.0 0.88 b54r	1.0 0.75 b53r	1.0 0.63 b53r	1.0 0.5 b52r	1.0 0.38 b49r	1.0 0.25 b45r	1.0 0.13 b34r	1.0 0.13 g60b

	S	T	U	V	W	X	Y	Z	a
01	0.25 0.25 r16j	0.25 0.25 r58j	0.25 0.25 j01g	0.38 0.38 j24g	0.5 0.5 j36g	0.63 0.63 j43g	0.75 0.75 j47g	0.88 0.88 j51g	1.0 1.0 j53g
02	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
03	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
04	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
05	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
06	0.63 0.63 b43r	0.63 0.5 b40r	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
07	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
08	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
09	1.0 1.0 b40r	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
10	0.63 0.63 r16j	0.63 0.63 r33j	0.63 0.63 r50j	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
11	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
12	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
13	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
14	0.63 0.63 b68r	0.63 0.5 b70r	0.63 0.38 b75r	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
15	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
16	0.75 0.75 b53r	0.75 0.63 b53r	0.75 0.5 b52r	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
17	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
18	1.0 1.0 b48r	1.0 0.88 b47r	1.0 0.75 b45r	1.0 0.63 b43r	1.0 0.5 b40r	1.0 0.38 b34r	1.0 0.38 b10r	1.0 0.38 g85b	1.0 0.38 g60b
19	1.0 1.0 r16j	1.0 1.0 r27j	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
20	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
21	1.0 1.0 b96r	1.0 0.88 r04j	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
22	1.0 1.0 b90r	1.0 0.88 b94r	1.0 0.75 r02j	1.0 0.63 r16j	1.0 0.63 r33j	1.0 0.63 r50j	1.0 0.63 r66j	1.0 0.63 r83j	1.0 0.63 j01g
23	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
24	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
25	1.0 1.0 b70r	1.0 0.88 b72r	1.0 0.75 b75r	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
26	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 b75r	1.0 0.25 b83r	1.0 0.13 r16j	1.0 0.13 j01g
27	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

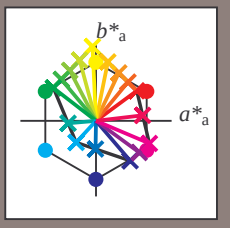
	b	c	d	e	f	g	h	i	j	k	lab*icu*e		
01	1.0 0.0 r00j	1.0 0.13 r16j	1.0 0.25 r16j	1.0 0.38 r16j	1.0 0.5 r16j	1.0 0.63 r16j	1.0 0.75 r16j	1.0 0.88 r16j	1.0 1.0 r16j	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j	0.0 0.0 r00j
02	1.0 0.13 g60b	0.88 0.0 r00j	0.88 0.13 r16j	0.88 0.25 r16j	0.88 0.38 r16j	0.88 0.5 r16j	0.88 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	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	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	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	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	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	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 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	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	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	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	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	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	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	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	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 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	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	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	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	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	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	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	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	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 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-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output:
Colorimetric Printer Reflective System FRS12_95a
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 = 0.9

FRS12_95a; adapted (a) CIELAB data

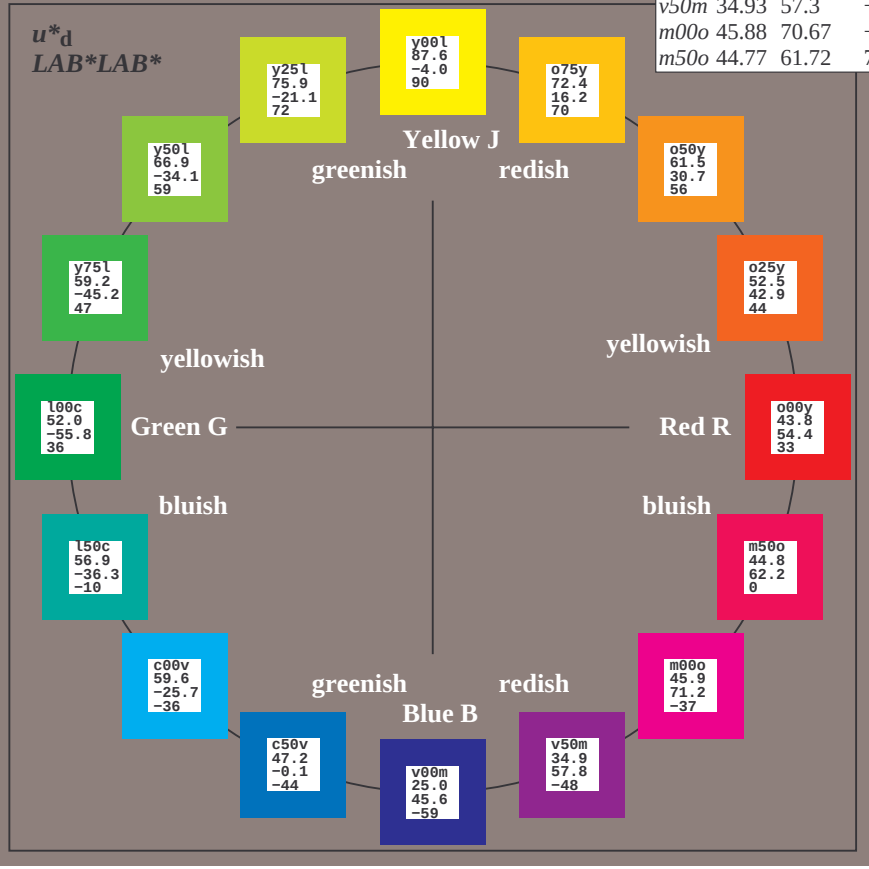
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

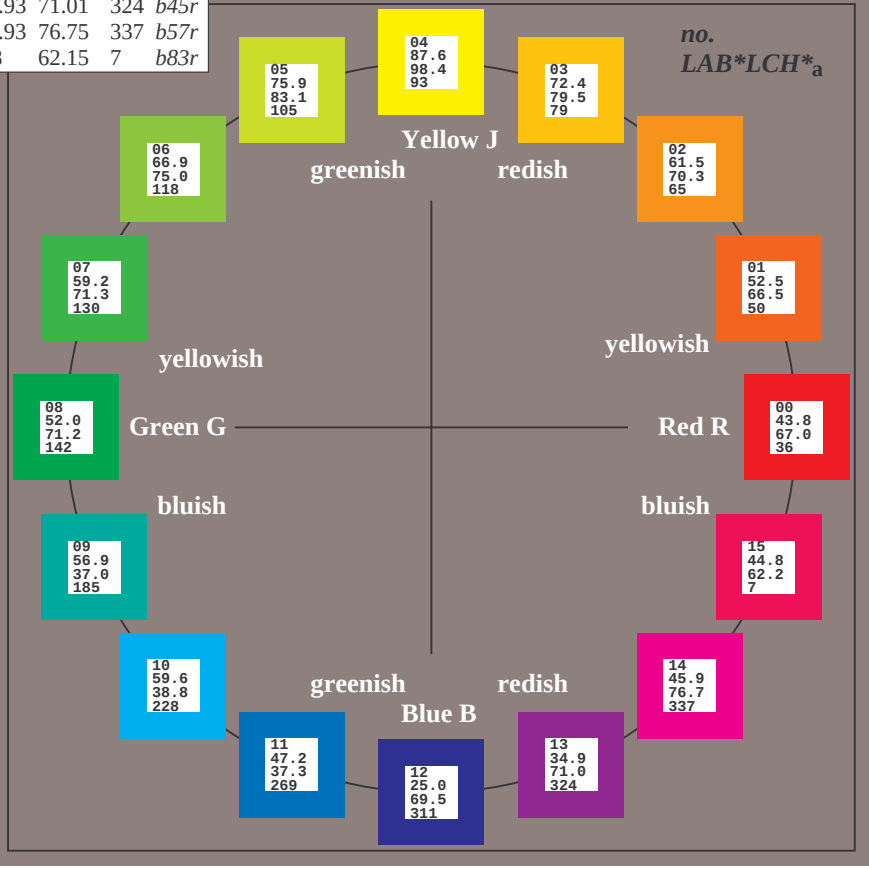


%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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





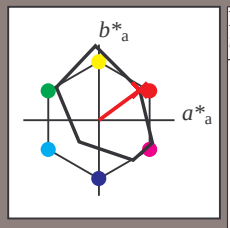
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95; CIELAB data

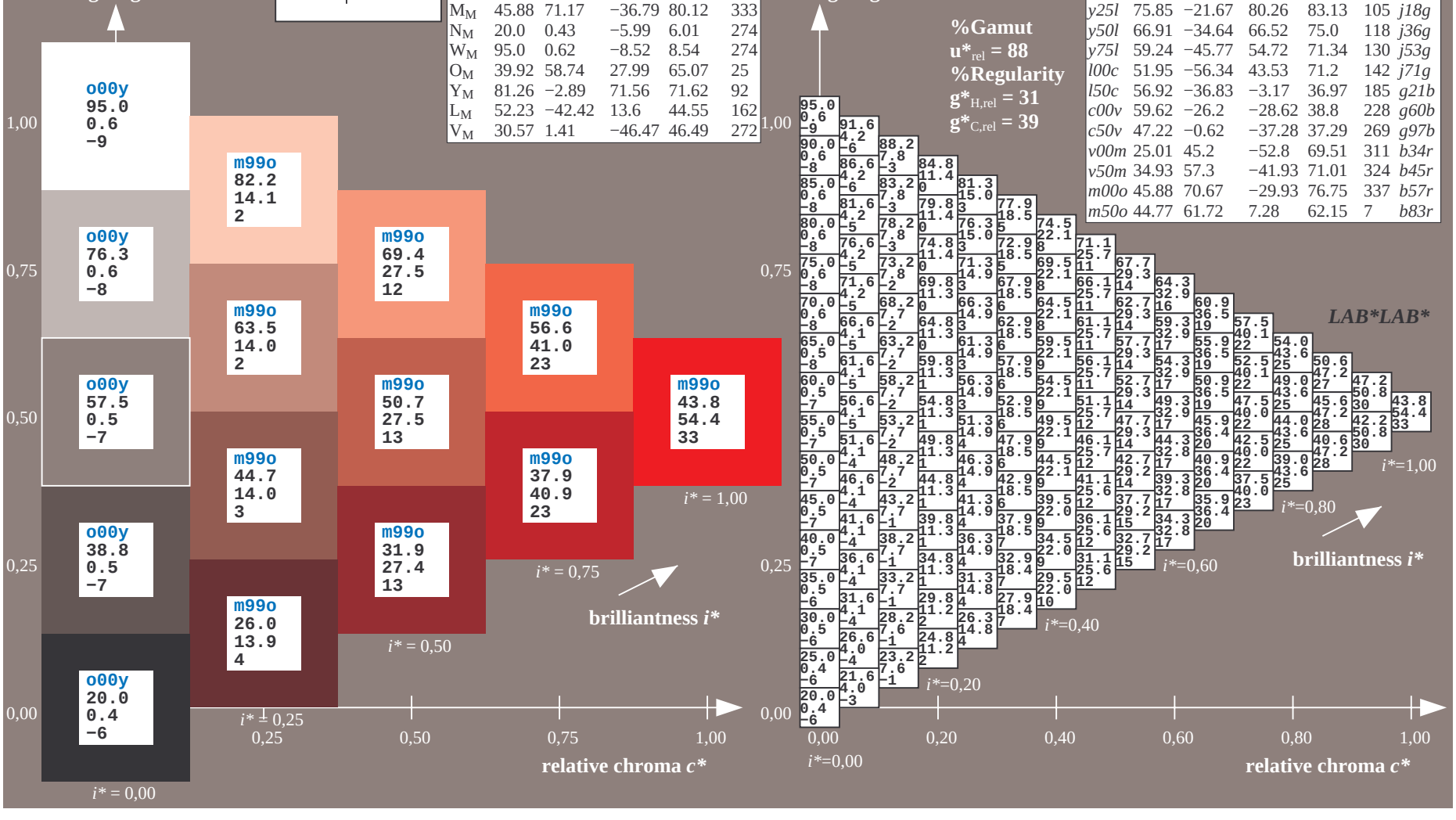
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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 54 40
*LAB*LCH**$_{Ma}$: 44 67 36
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.16 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

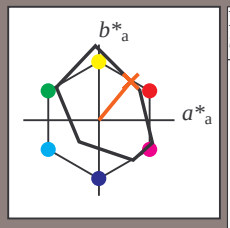


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r37j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

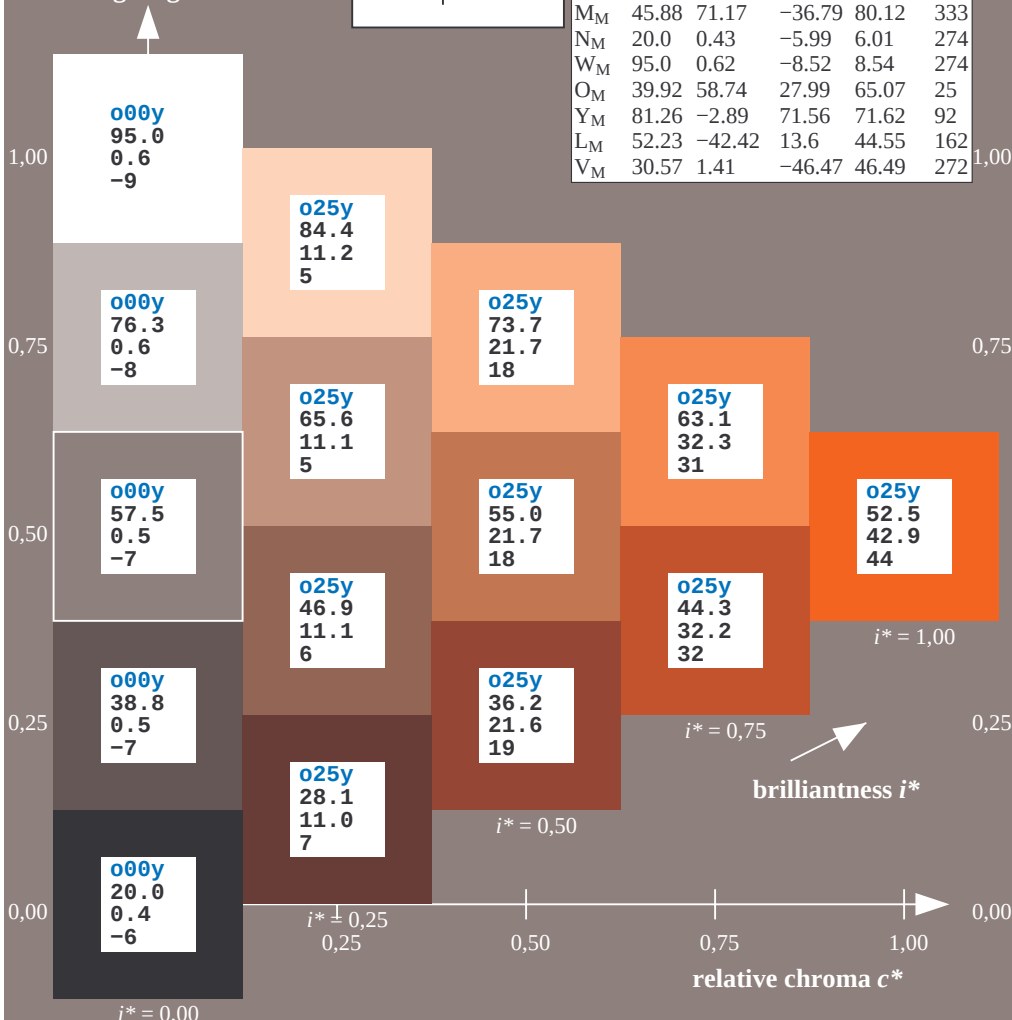
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 52 42 51
$LAB^*LCH^*_{Ma}$: 52 67 50
$lab^*olv^*_{Ma}$: 1.0 0.25 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

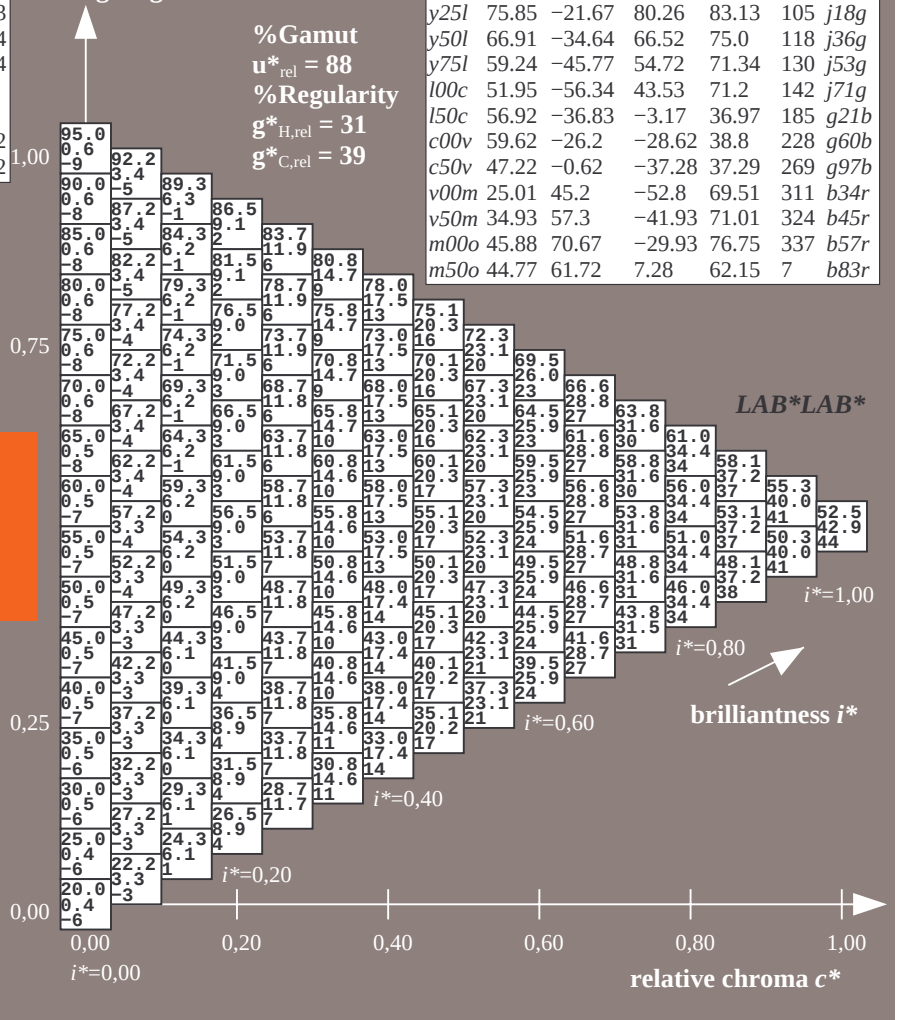
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o25y*
*LAB*LAB**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

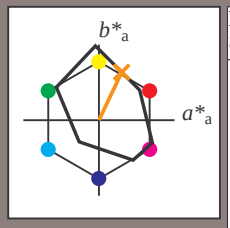
u^*_d = *o50y* **LAB*LAB***

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

Hue texts:
u^*_d = *o50y* u^*_e = *r58j*

contrast reduction factor:
$c_R = 0.9$

triangle lightness *t**



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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*$_{Ma}$: 62 30 63**

***LAB*LCH*$_{Ma}$: 62 70 64**

***lab*olv*$_{Ma}$: 1.0 0.5 0.0**

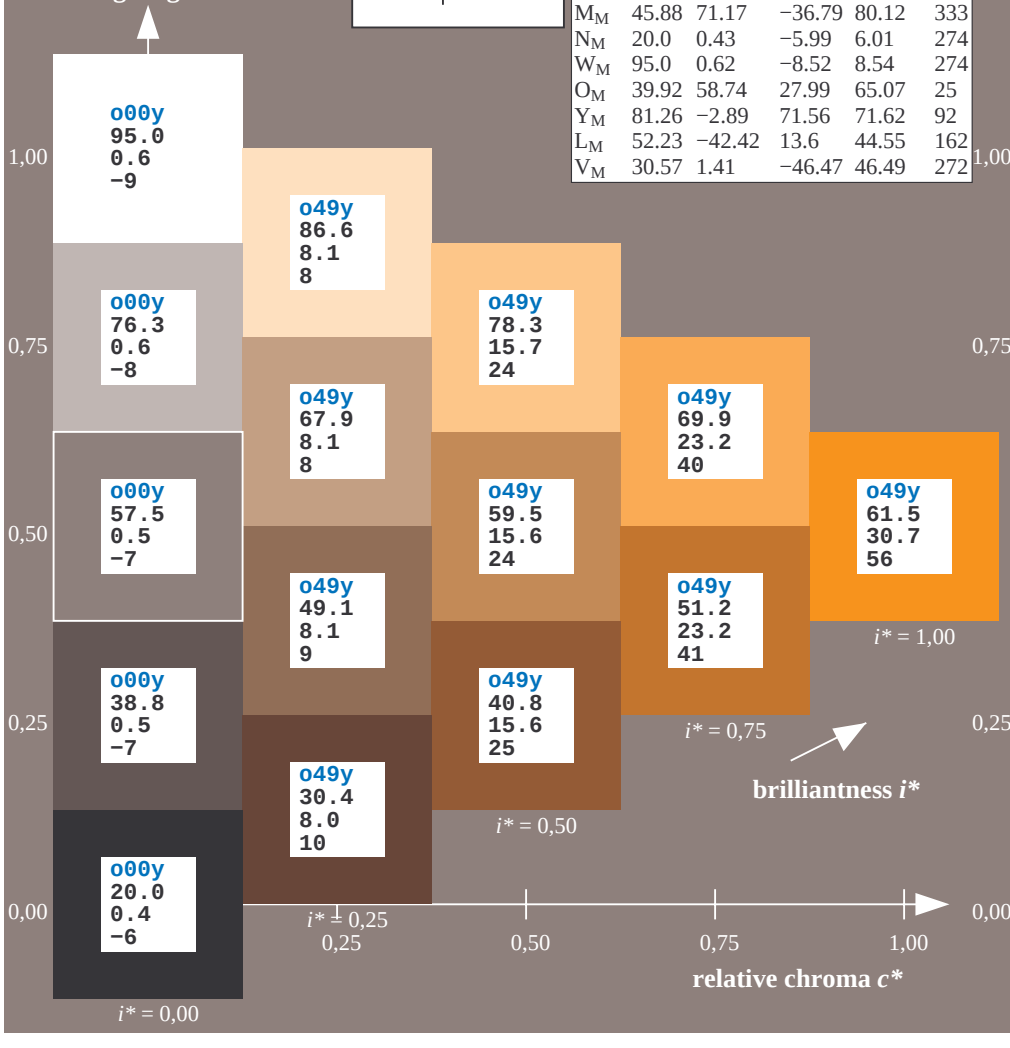
***lab*rgb*$_{Ma}$: 1.0 0.58 0.0**

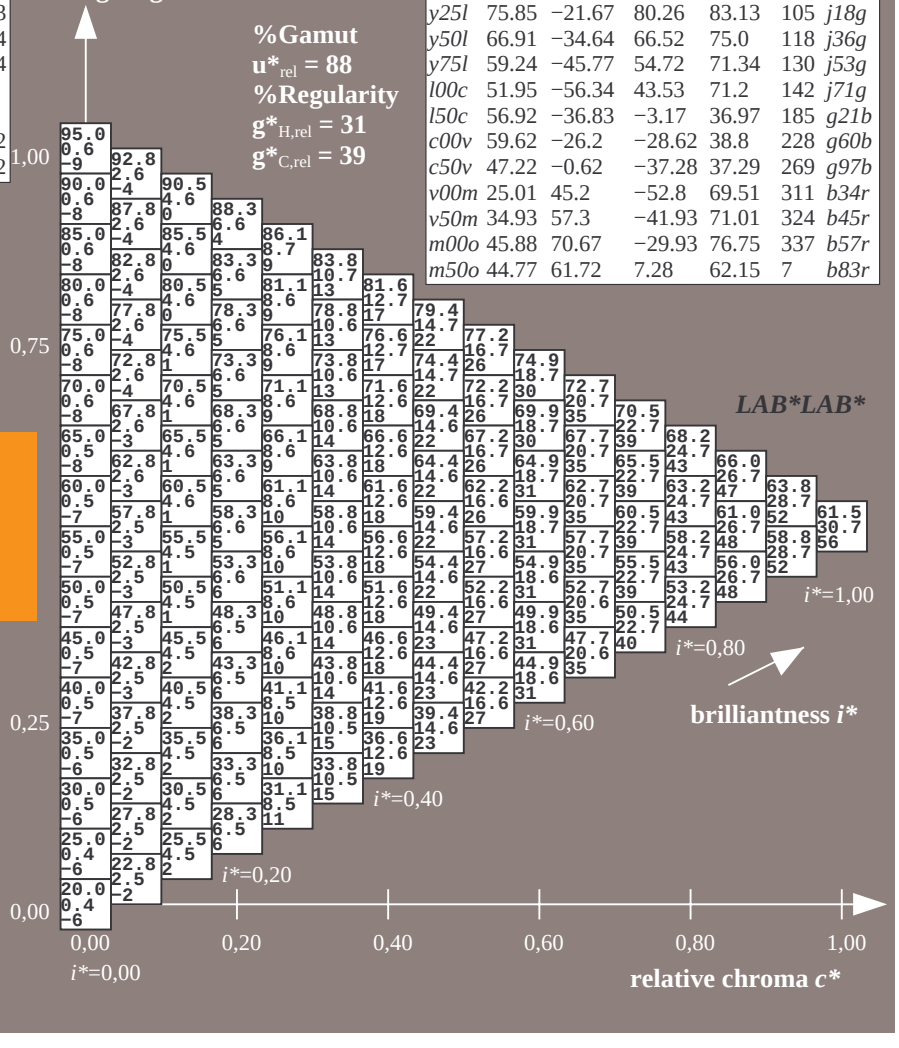
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





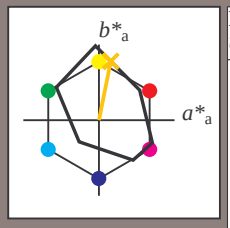
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



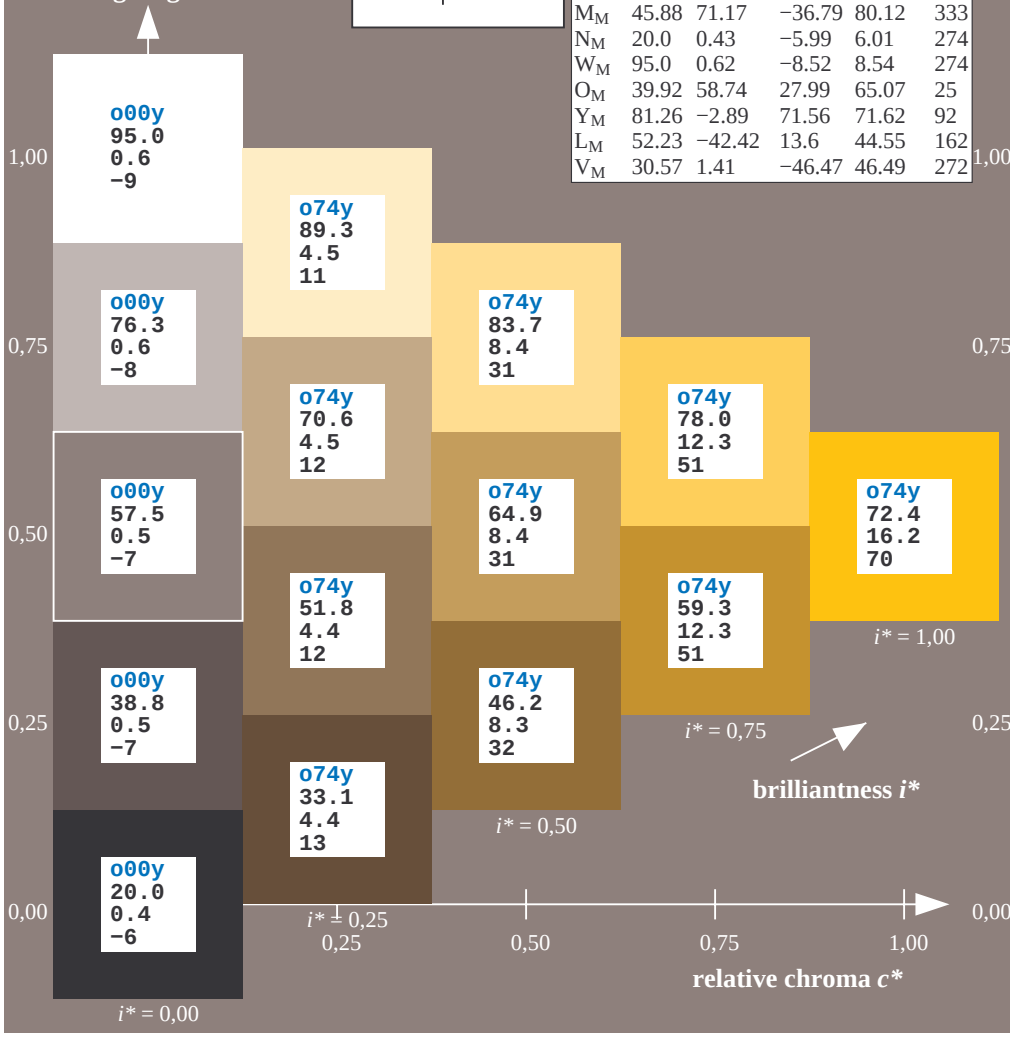
FRS12_95; CIELAB data

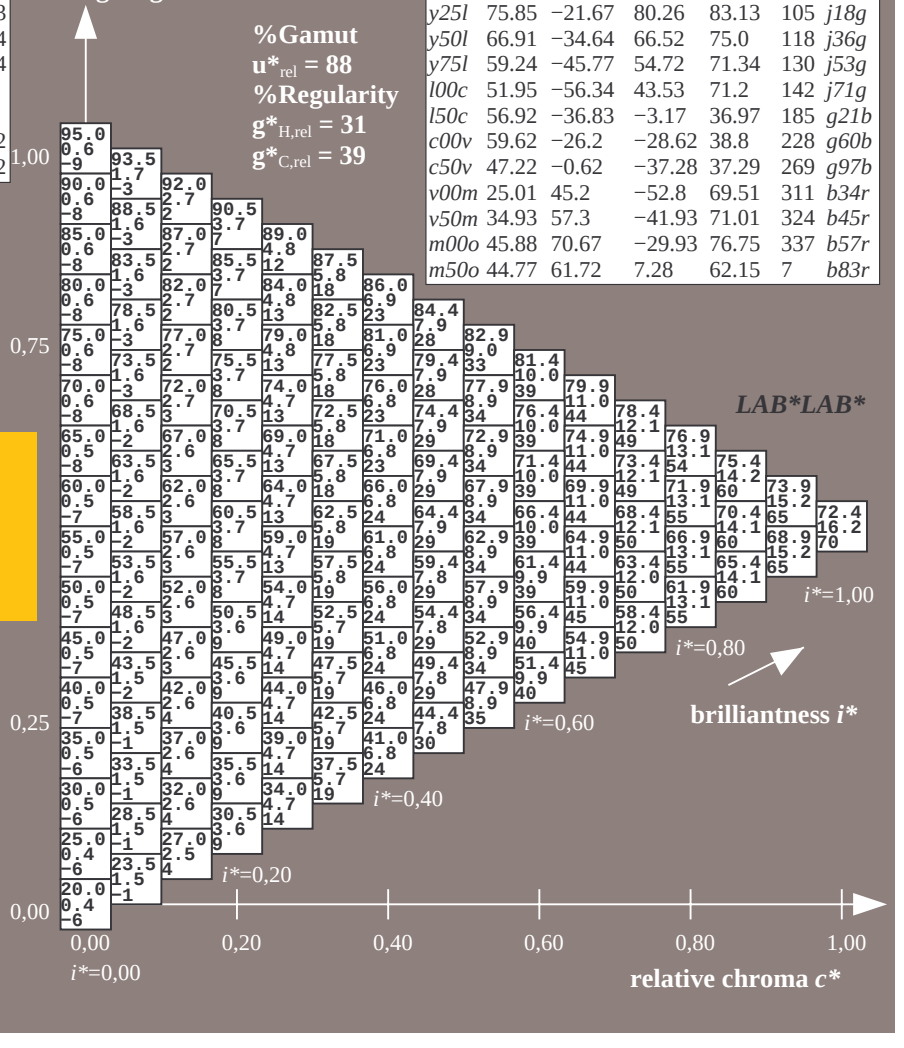
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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):
$LAB^*LAB^*_{Ma}$: 72 16 78
$LAB^*LCH^*_{Ma}$: 72 80 78
$lab^*olv^*_{Ma}$: 1.0 0.75 0.0
$lab^*rgb^*_{Ma}$: 1.0 0.8 0.0
triangle lightness *t**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



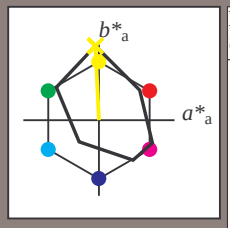


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

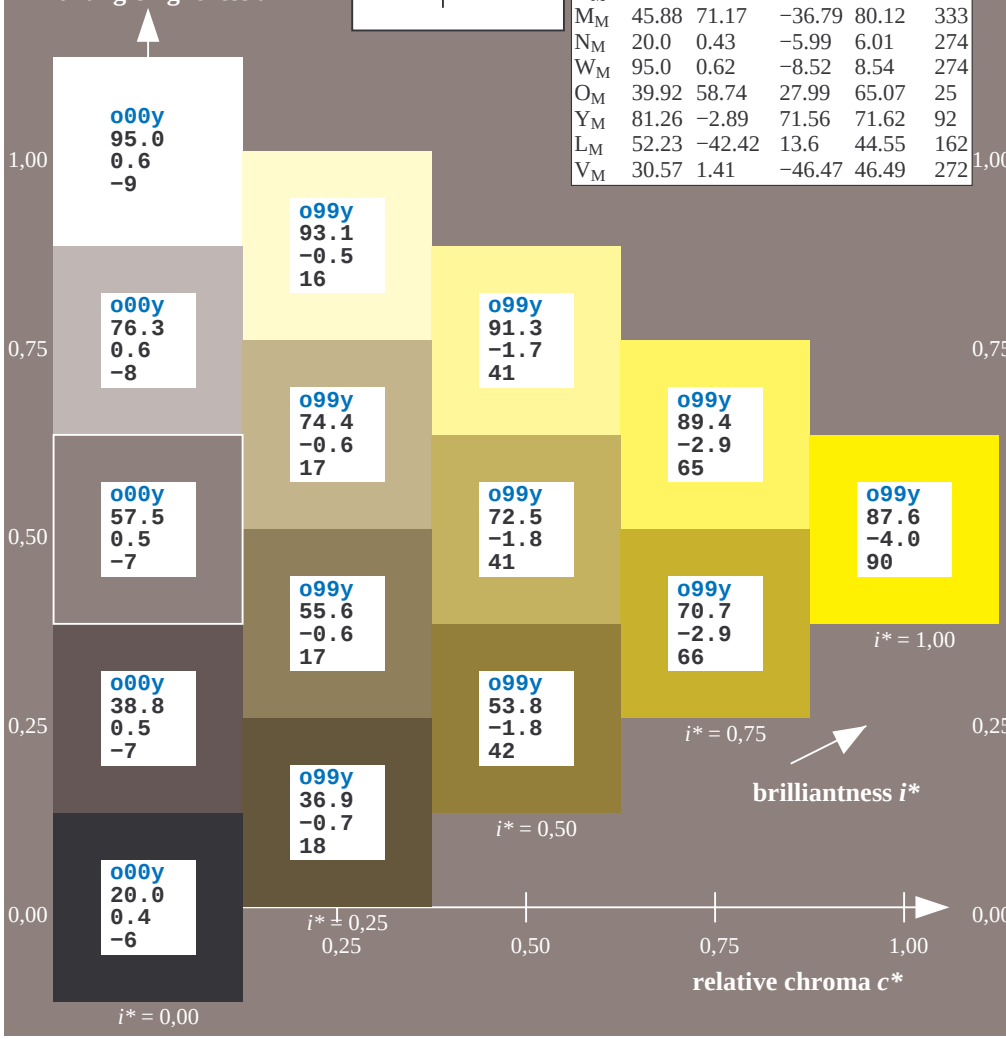
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 88 −5 98**
***LAB*LCH**$_{Ma}$: 88 98 92**
***lab*olv**$_{Ma}$: 1.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.99 1.0 0.0**
triangle lightness *t**

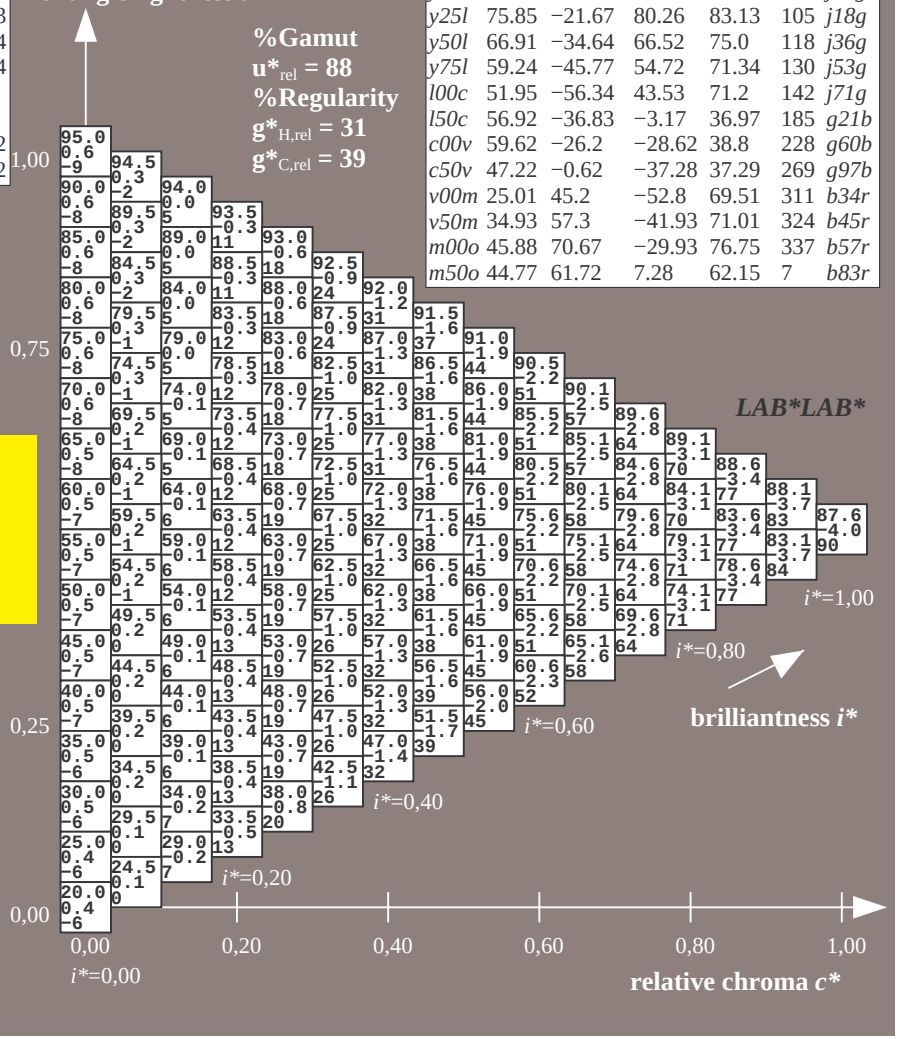
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y00l$
LAB*LAB*

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





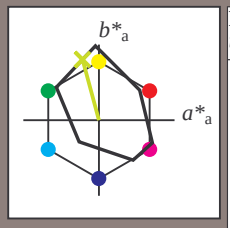
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95; CIELAB data

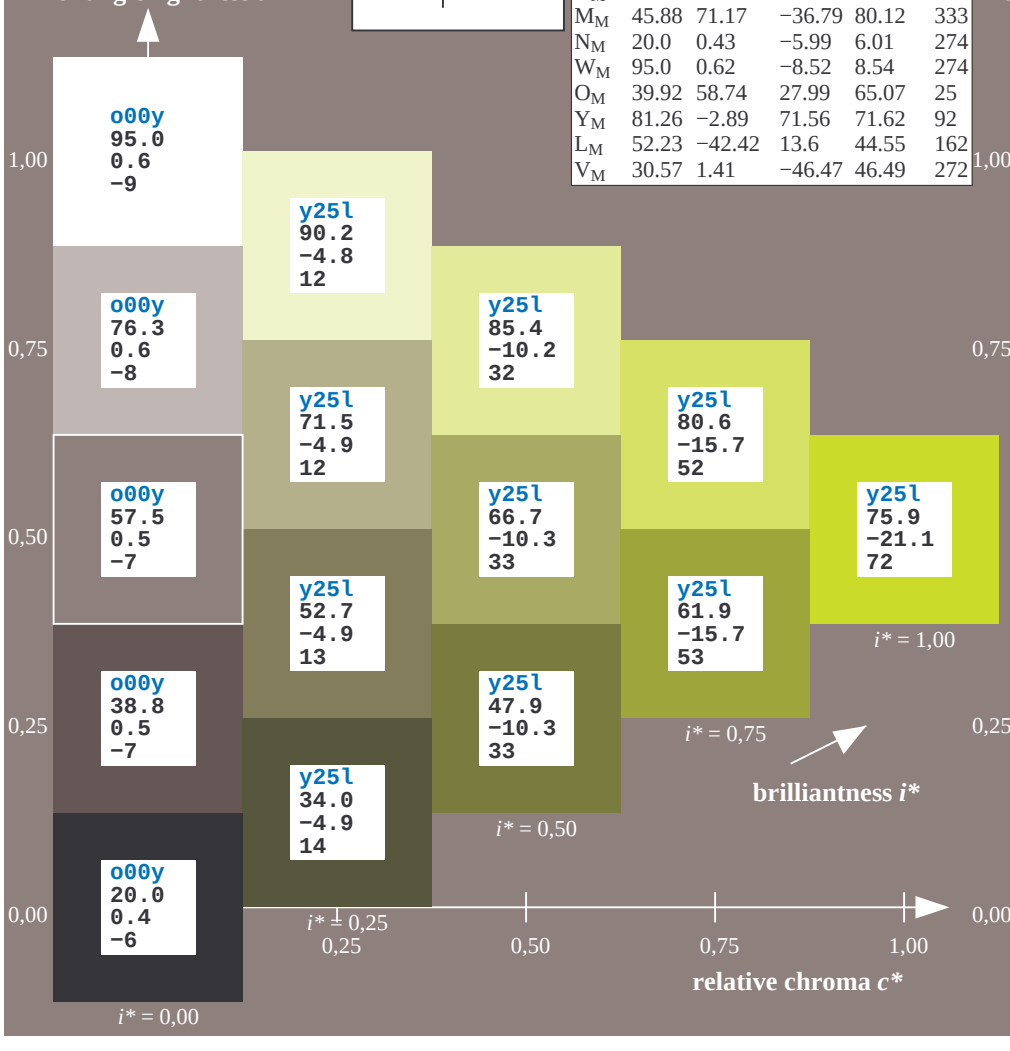
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

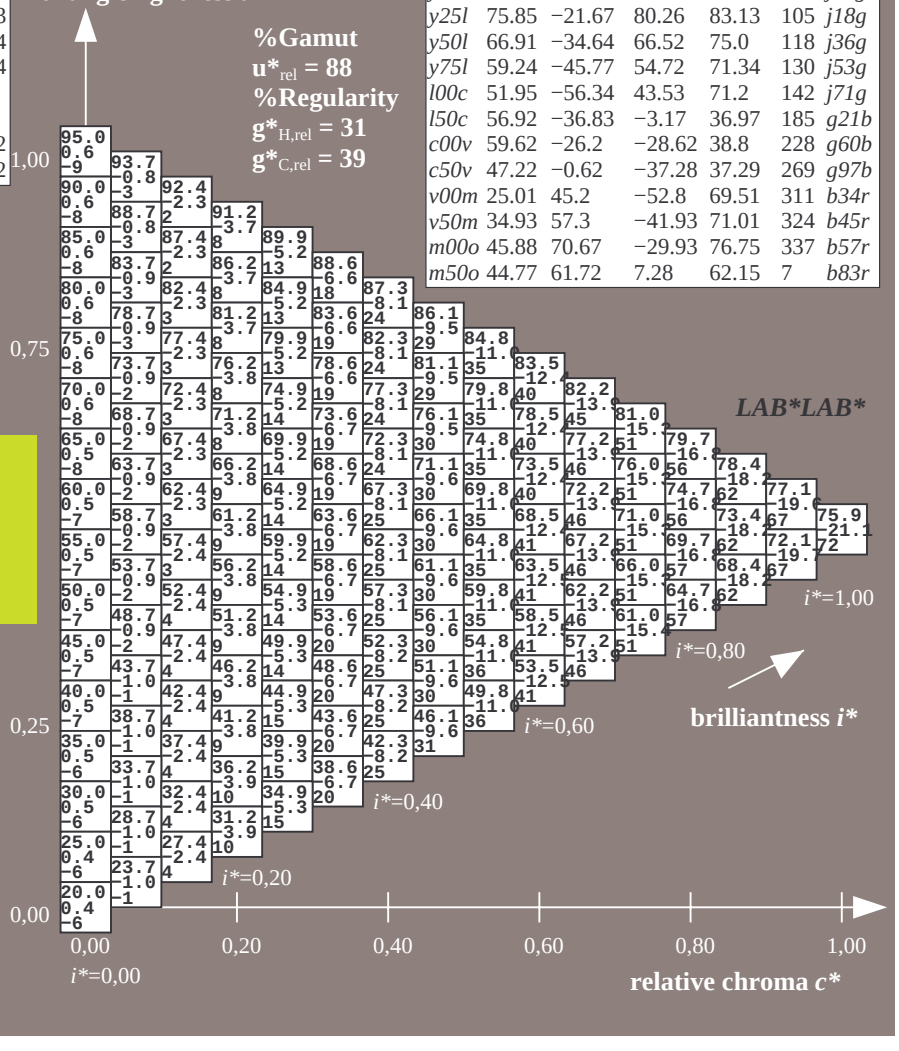
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 76 −22 80
*LAB*LCH**$_{Ma}$: 76 83 105
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.82 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



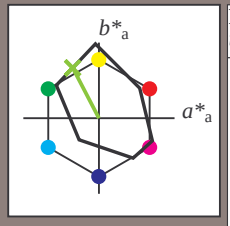


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

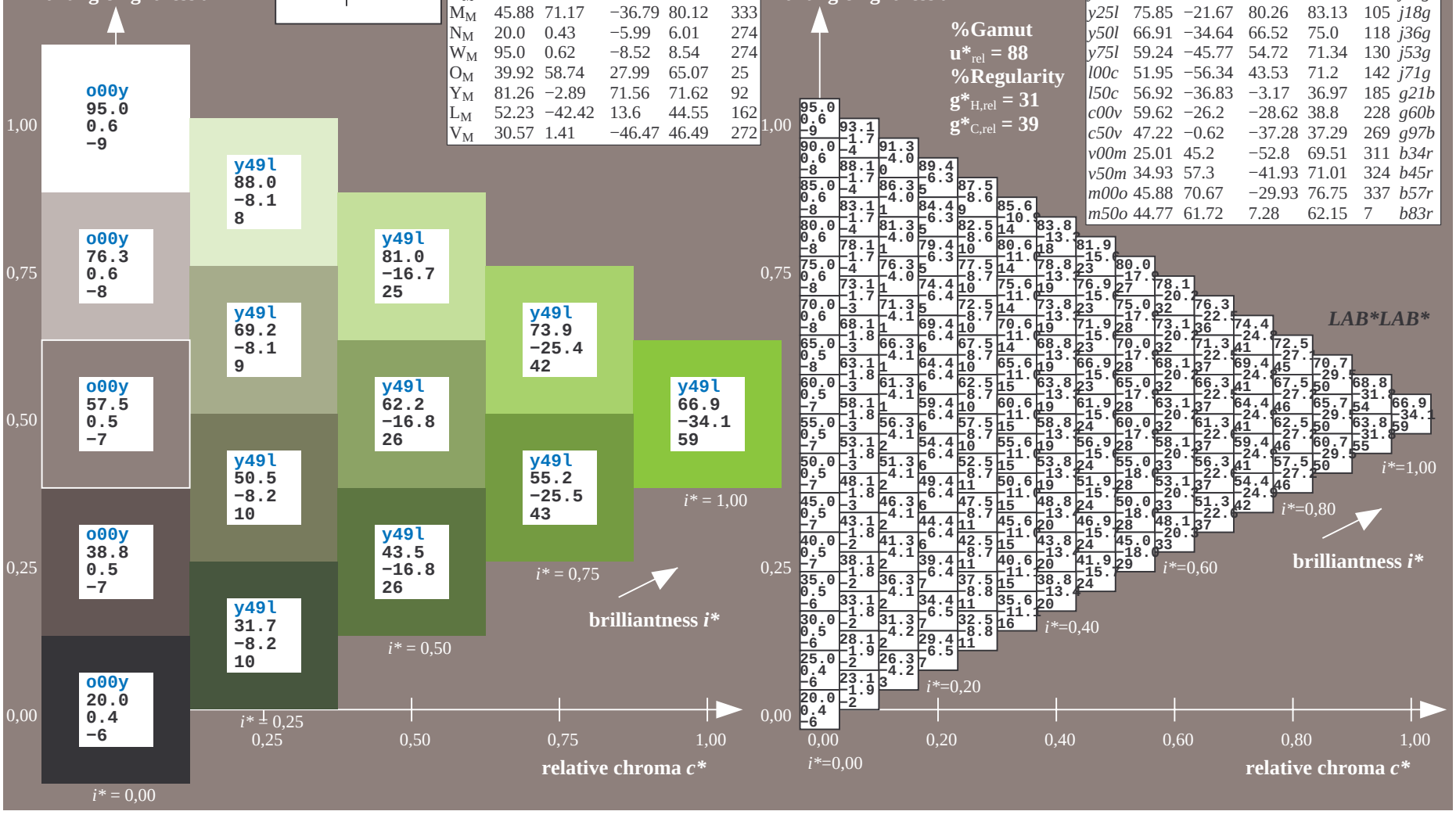
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 67 −35 67**
***LAB*LCH*Ma*: 67 75 117**
***lab*olv*Ma*: 0.5 1.0 0.0**
***lab*rgb*Ma*: 0.64 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y50l$
LAB*LAB*

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

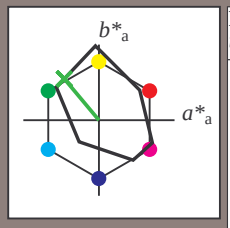


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

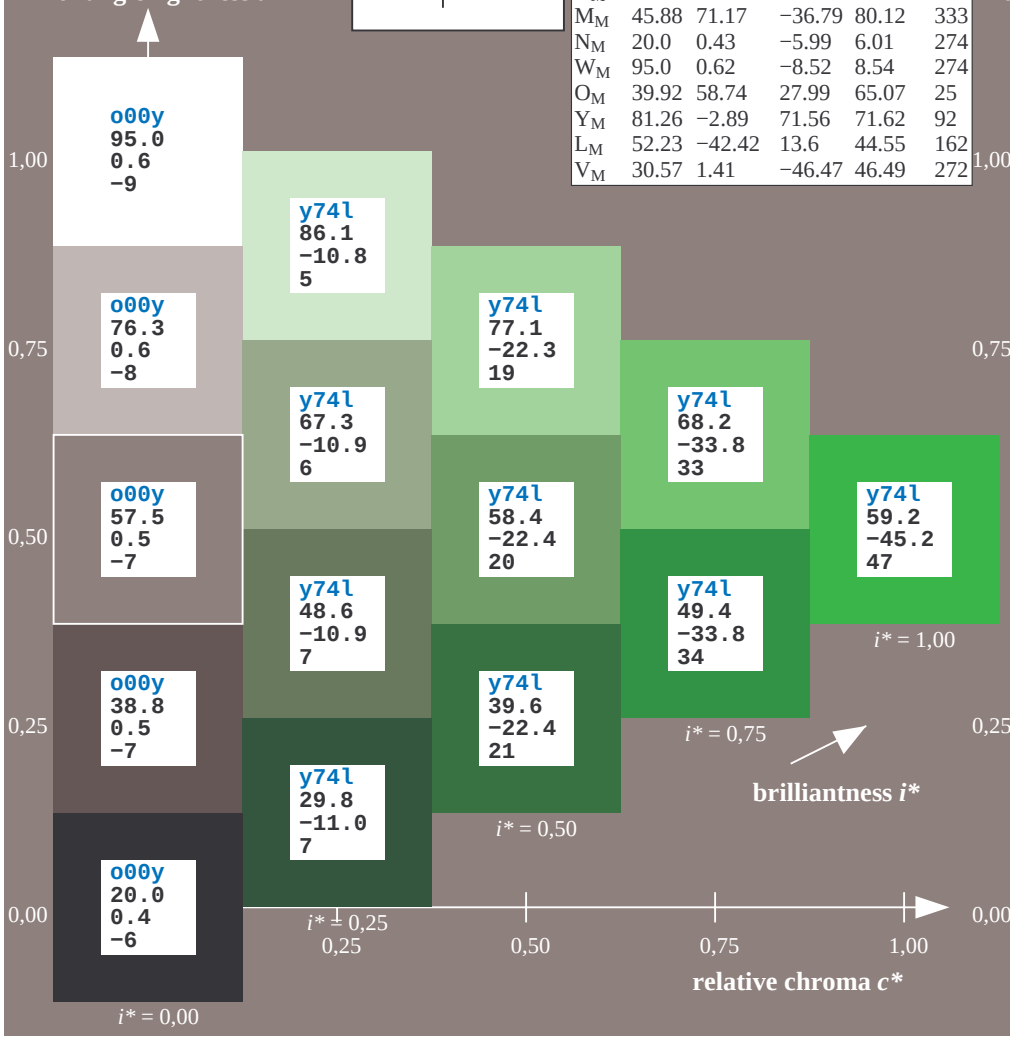
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 59 −46 55**
***LAB*LCH**$_{Ma}$: 59 71 129**
***lab*olv**$_{Ma}$: 0.25 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.46 1.0 0.0**
triangle lightness *t**

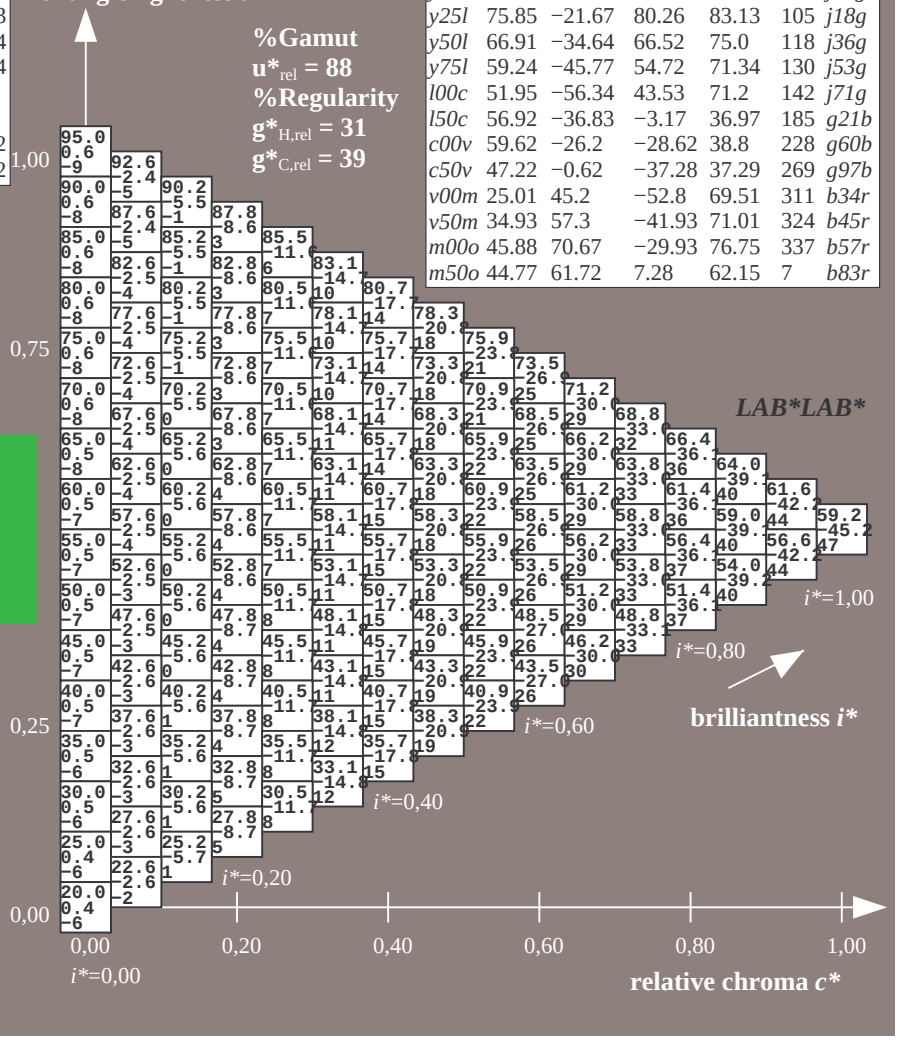
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y75l$
LAB*LAB*

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





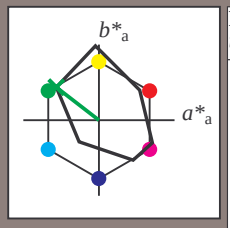
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

$u^*_d = l00c$
*LAB*LAB**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95; CIELAB data

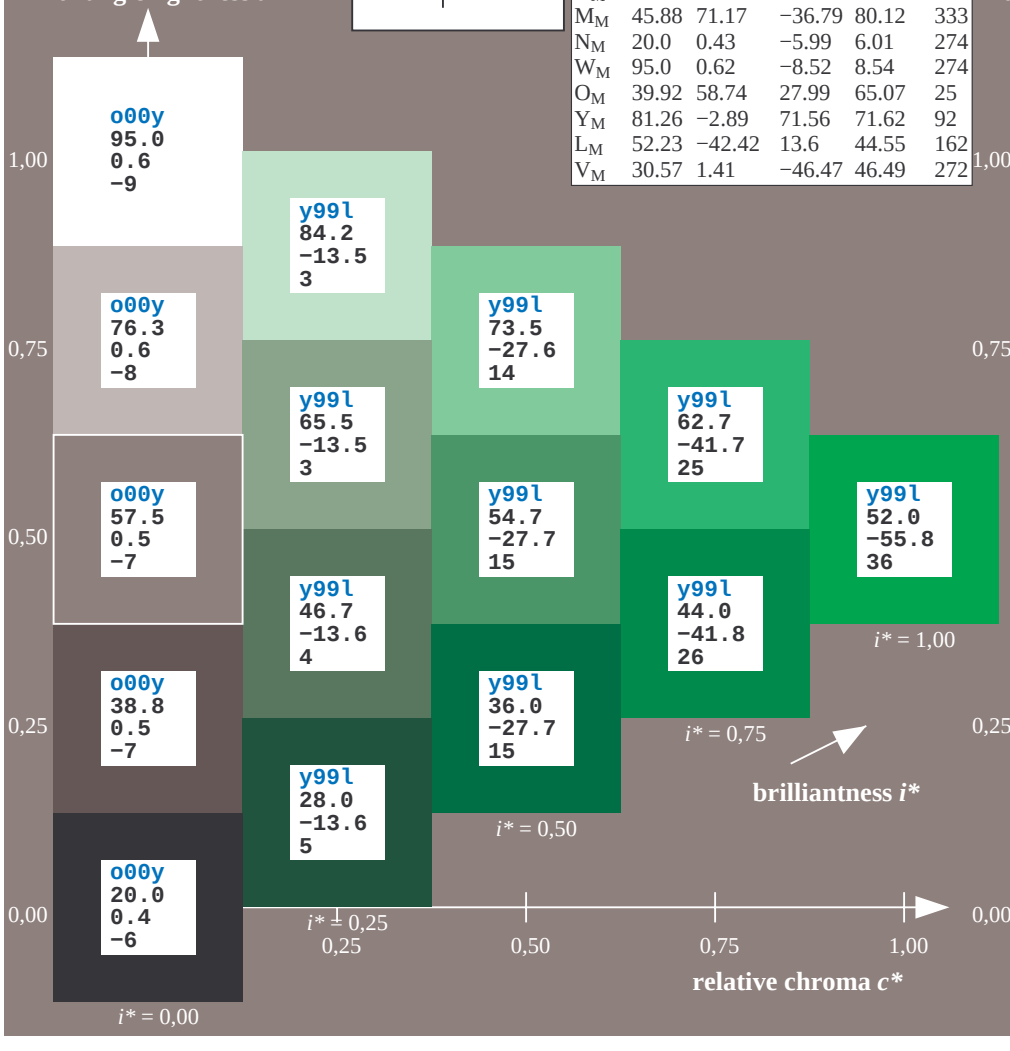
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

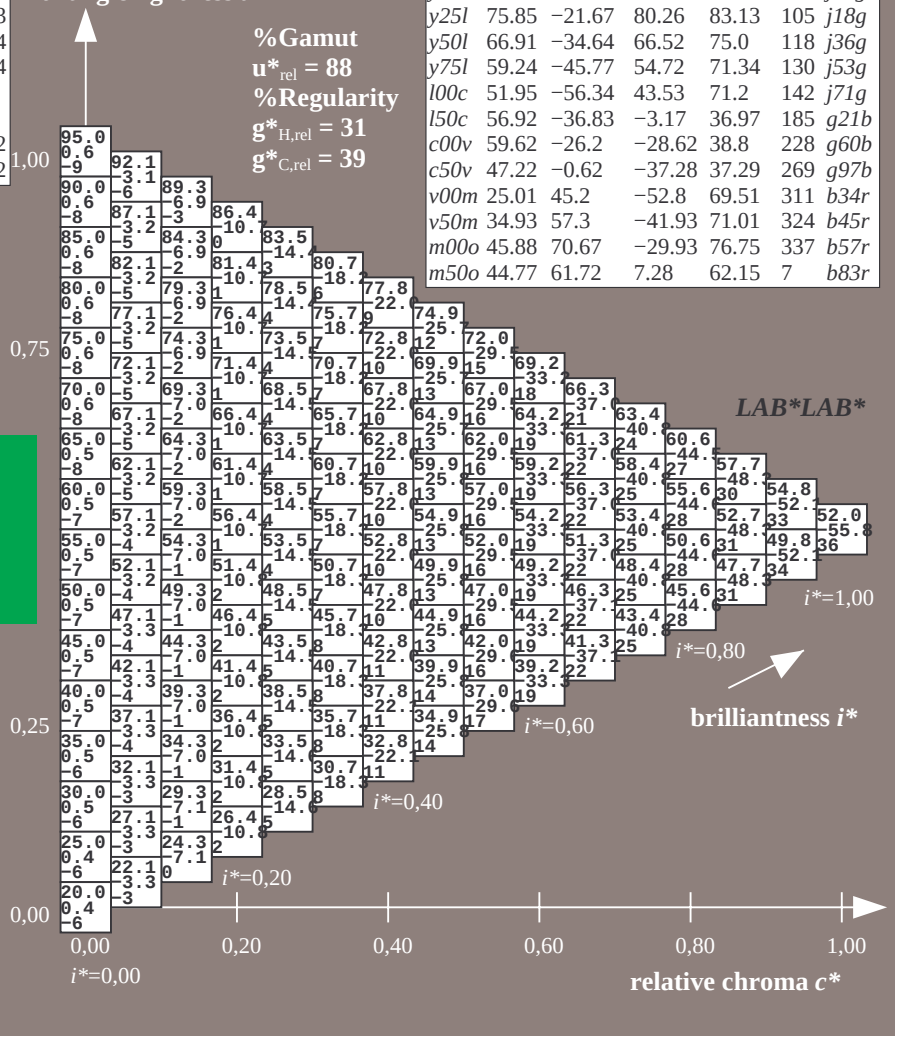
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$: 52 −56 44**
***LAB*LCH*$_{Ma}$: 52 71 142**
***lab*olv*$_{Ma}$: 0.0 1.0 0.0**
***lab*rgb*$_{Ma}$: 0.28 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

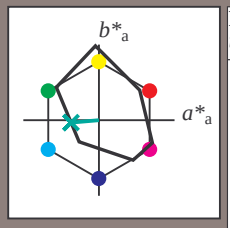
$u^*_d = l50c$
*LAB*LAB**

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

Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$

contrast reduction factor:
$c_R = 0.9$

triangle lightness *t**



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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):

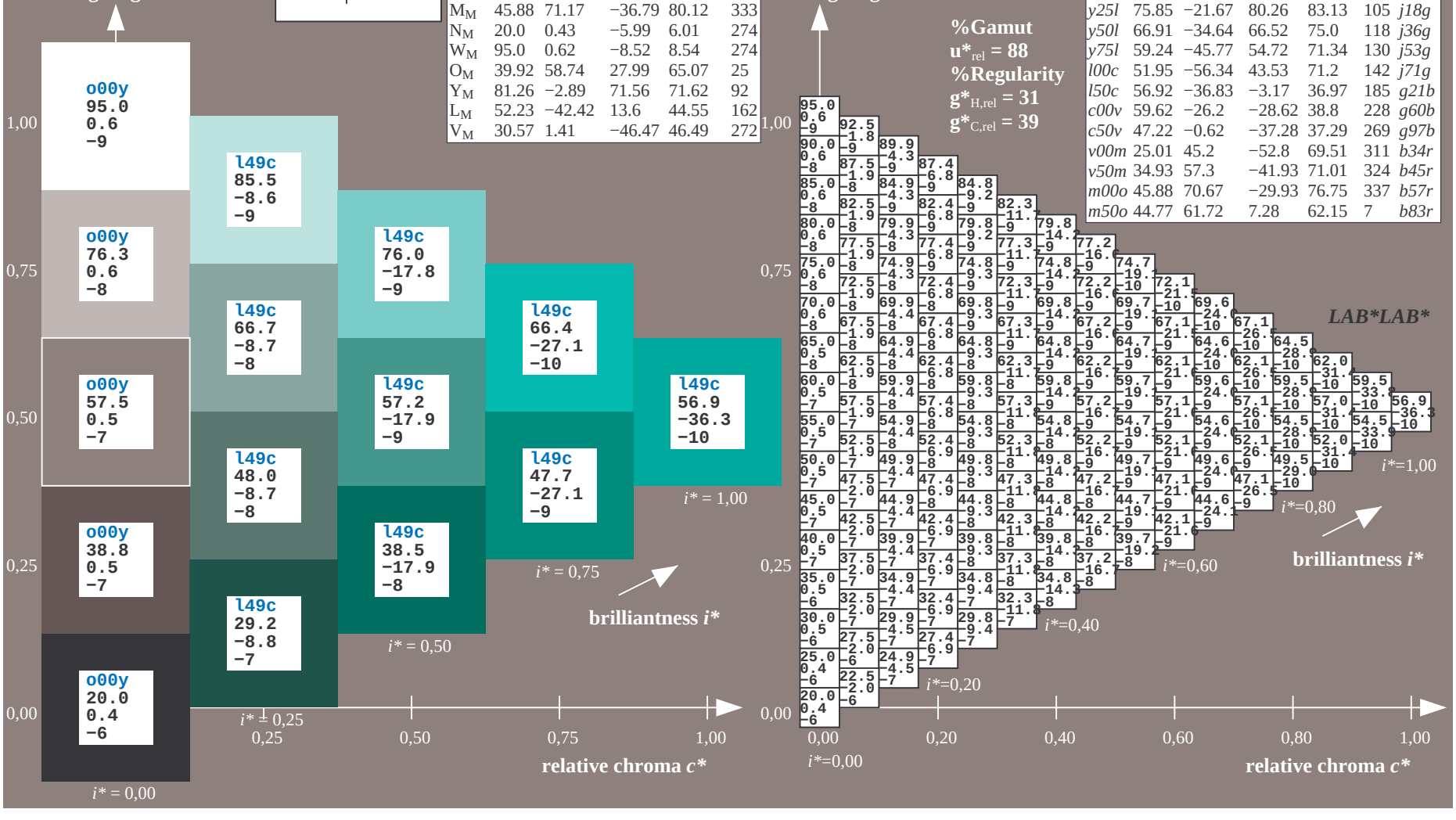
$LAB^*LAB^*_{Ma}$: 57 −37 −3
$LAB^*LCH^*_{Ma}$: 57 37 184
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.41

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$



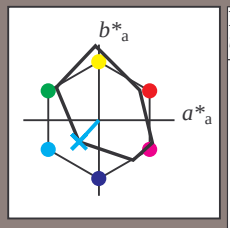
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95; CIELAB data

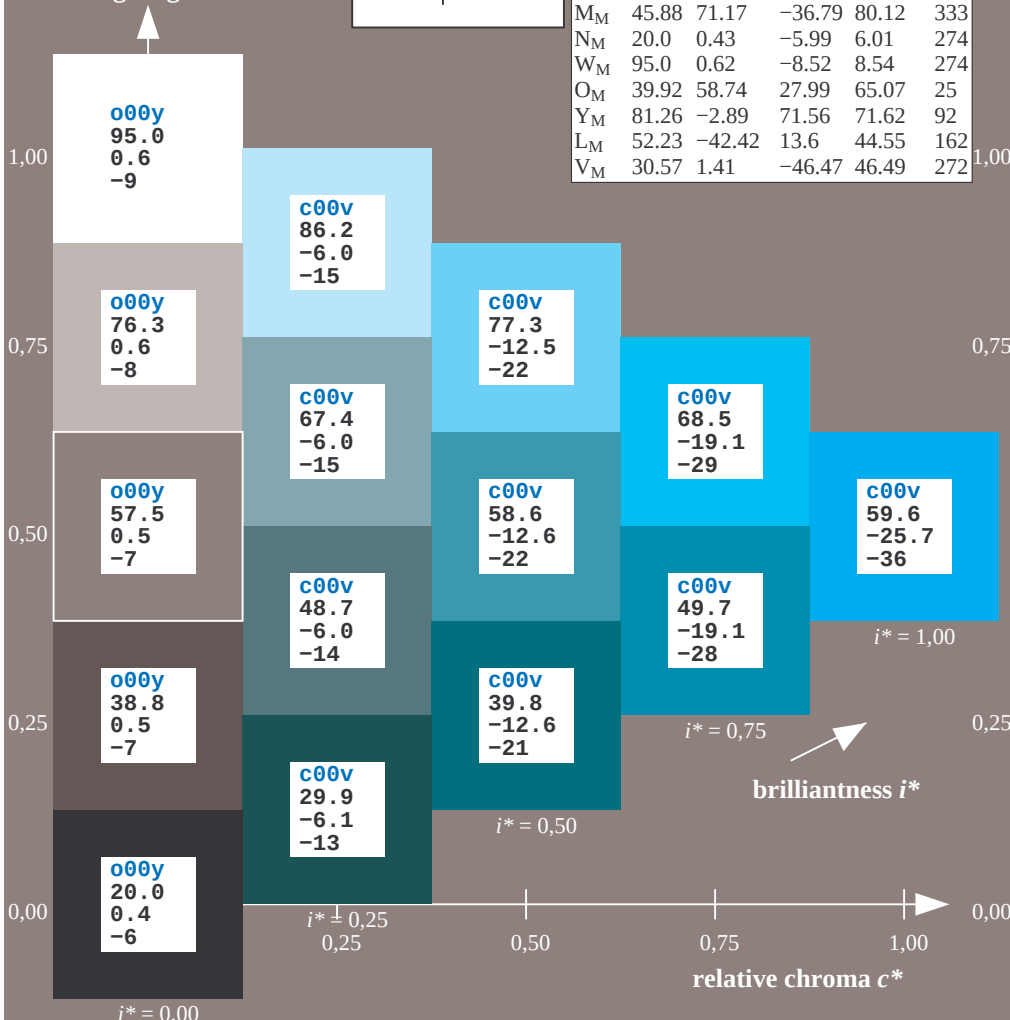
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

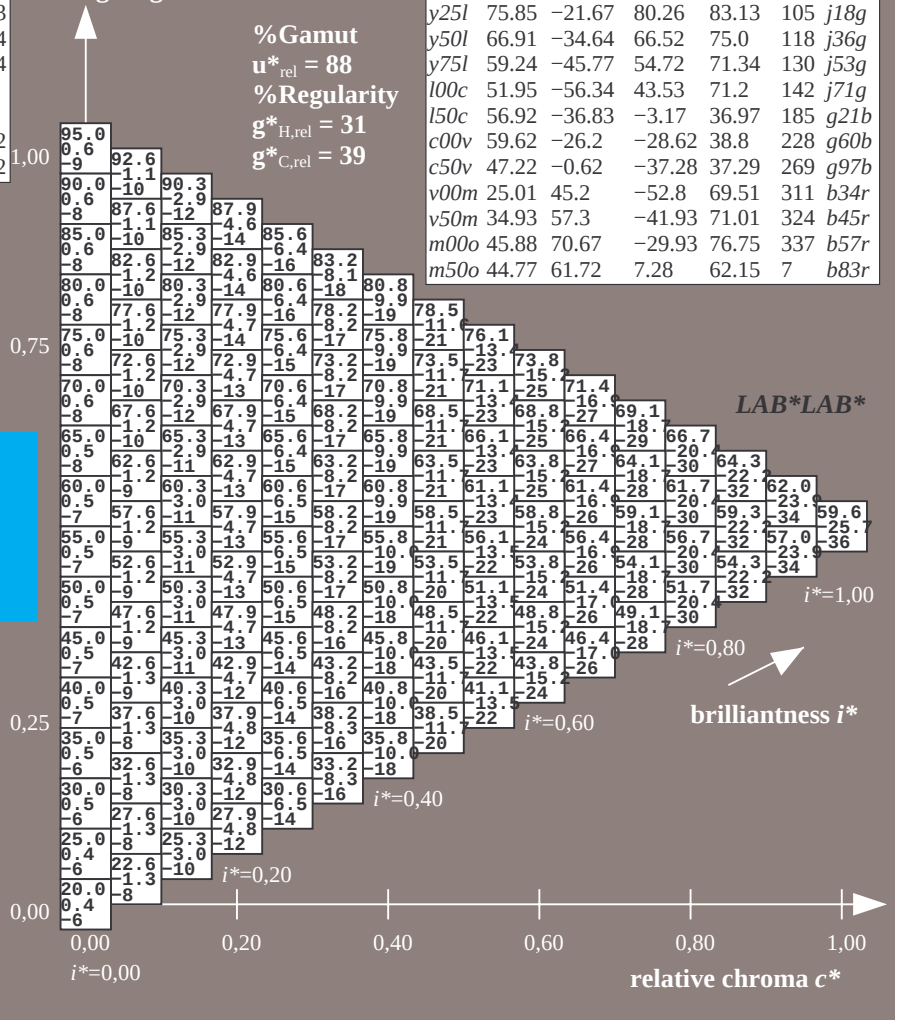
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 60 −26 −29
*LAB*LCH*$_{Ma}$: 60 39 227
*lab*olv*$_{Ma}$: 0.0 1.0 1.0
*lab*rgb*$_{Ma}$: 0.0 0.81 1.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



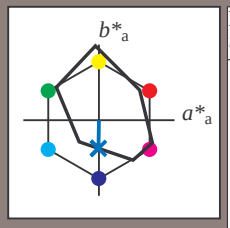


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

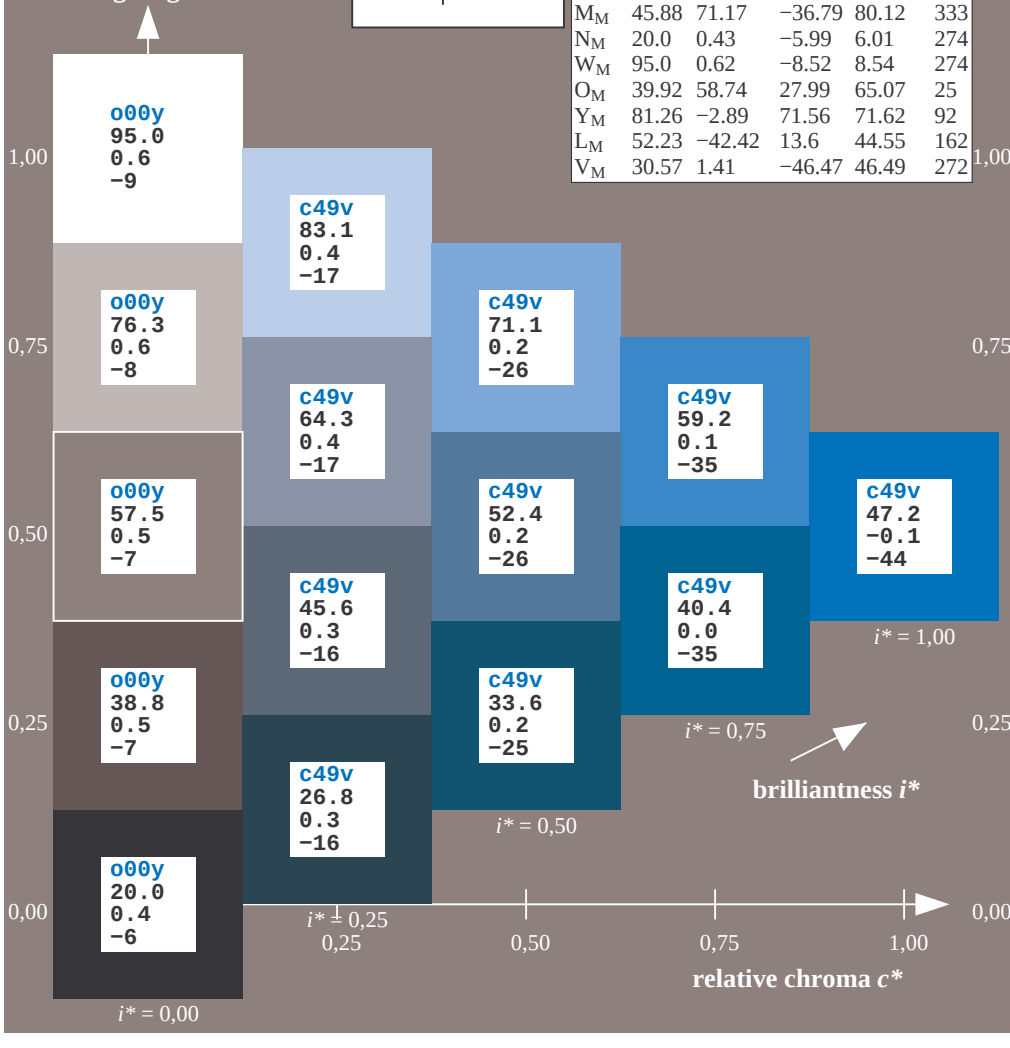
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 47 −1 −37**
***LAB*LCH*Ma*: 47 37 269**
***lab*olv*Ma*: 0.0 0.5 1.0**
***lab*rgb*Ma*: 0.0 0.05 1.0**
triangle lightness *t**

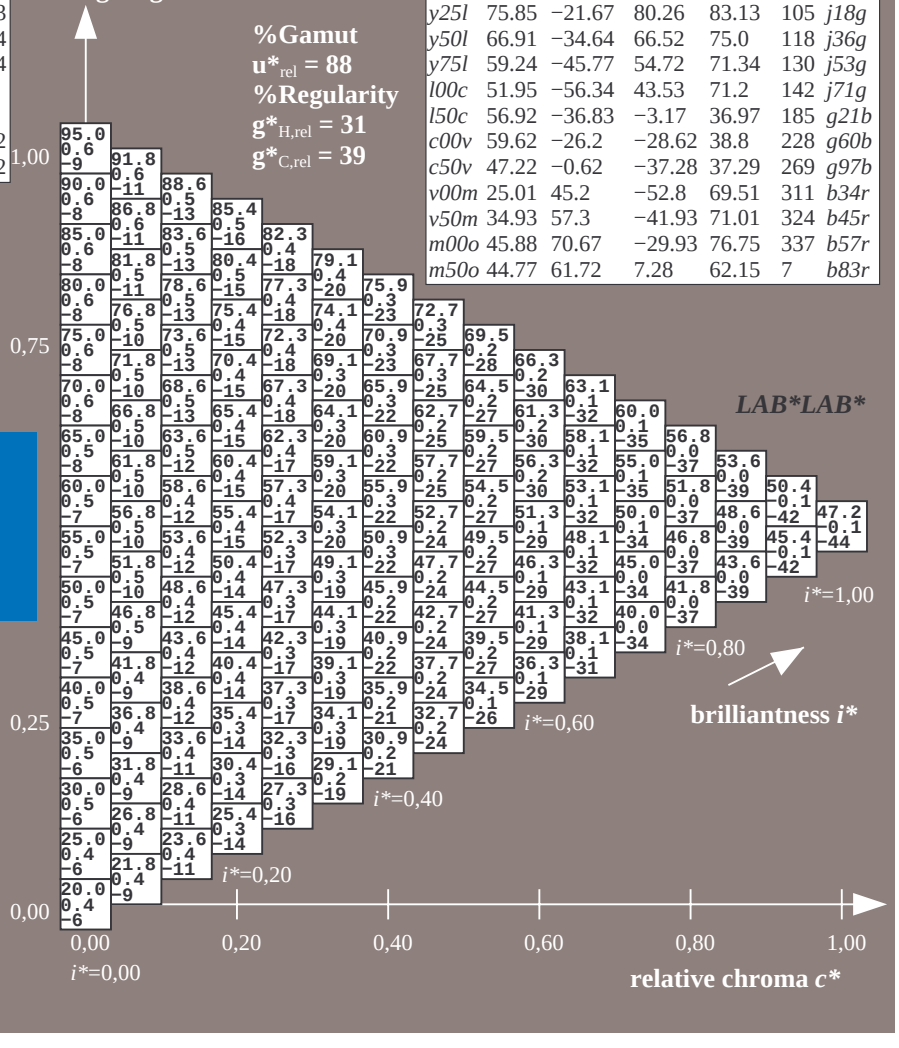
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = c50v$
LAB*LAB*

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





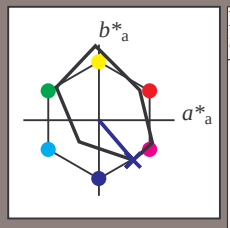
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

**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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95; CIELAB data

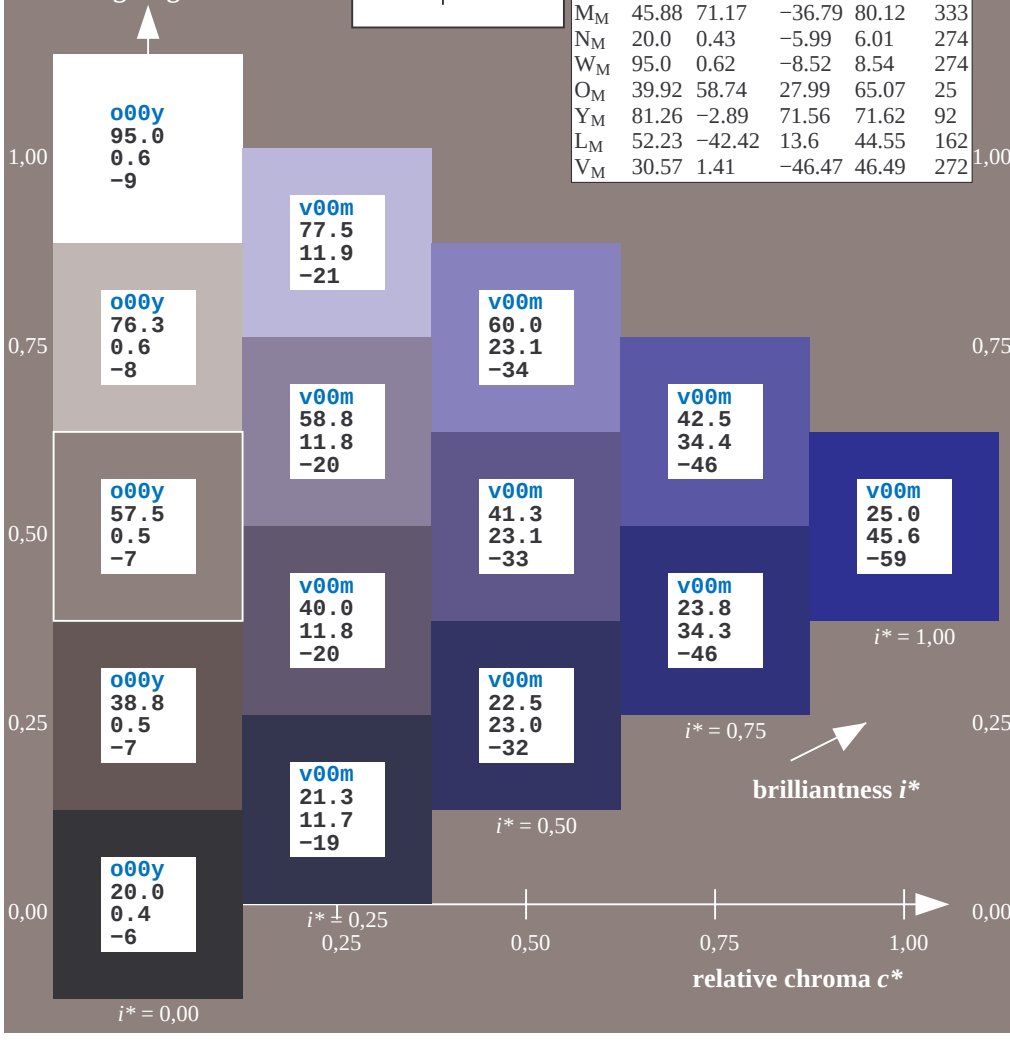
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

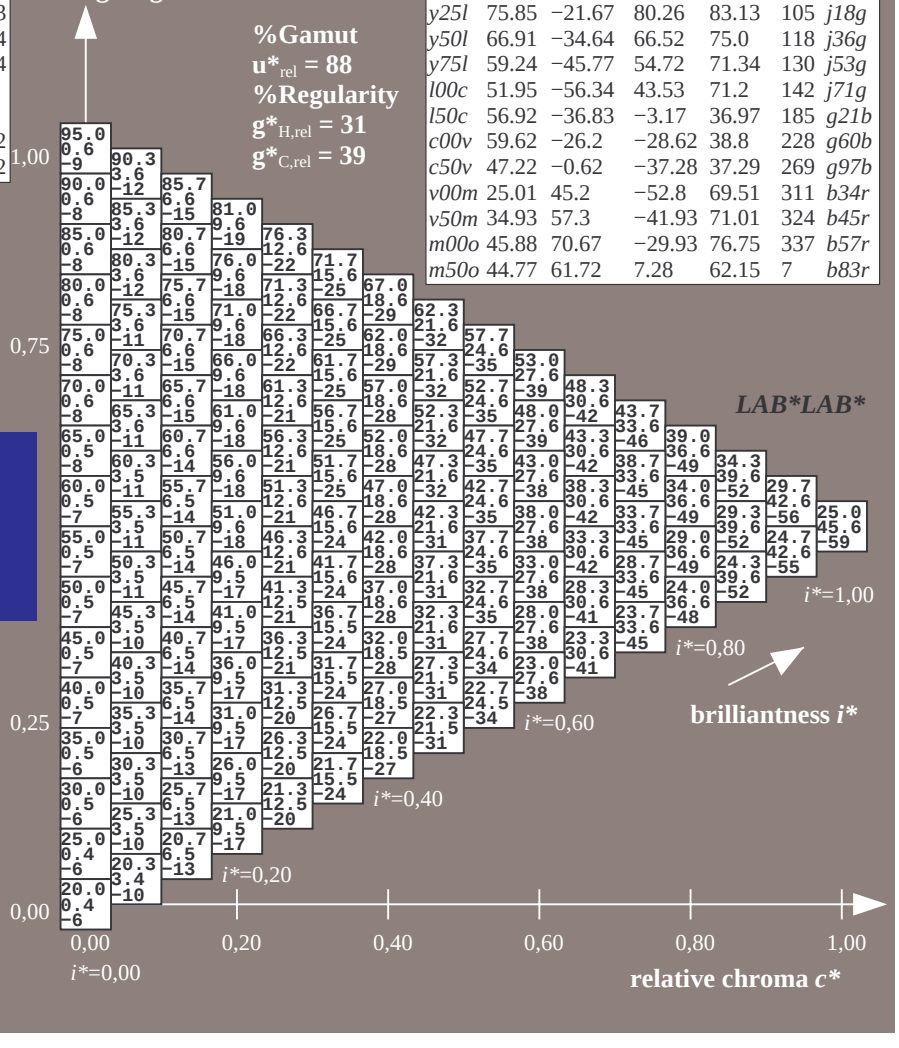
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 25 45 −53**
***LAB*LCH*$_{Ma}$*: 25 70 310**
***lab*olv*$_{Ma}$*: 0.0 0.0 1.0**
***lab*rgb*$_{Ma}$*: 0.68 0.0 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

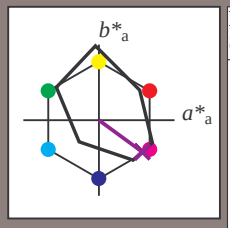
$u^*_d = v50m$
*LAB*LAB**

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

Hue texts:
$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:
$c_R = 0.9$

triangle lightness *t**



FRS12_95; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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):

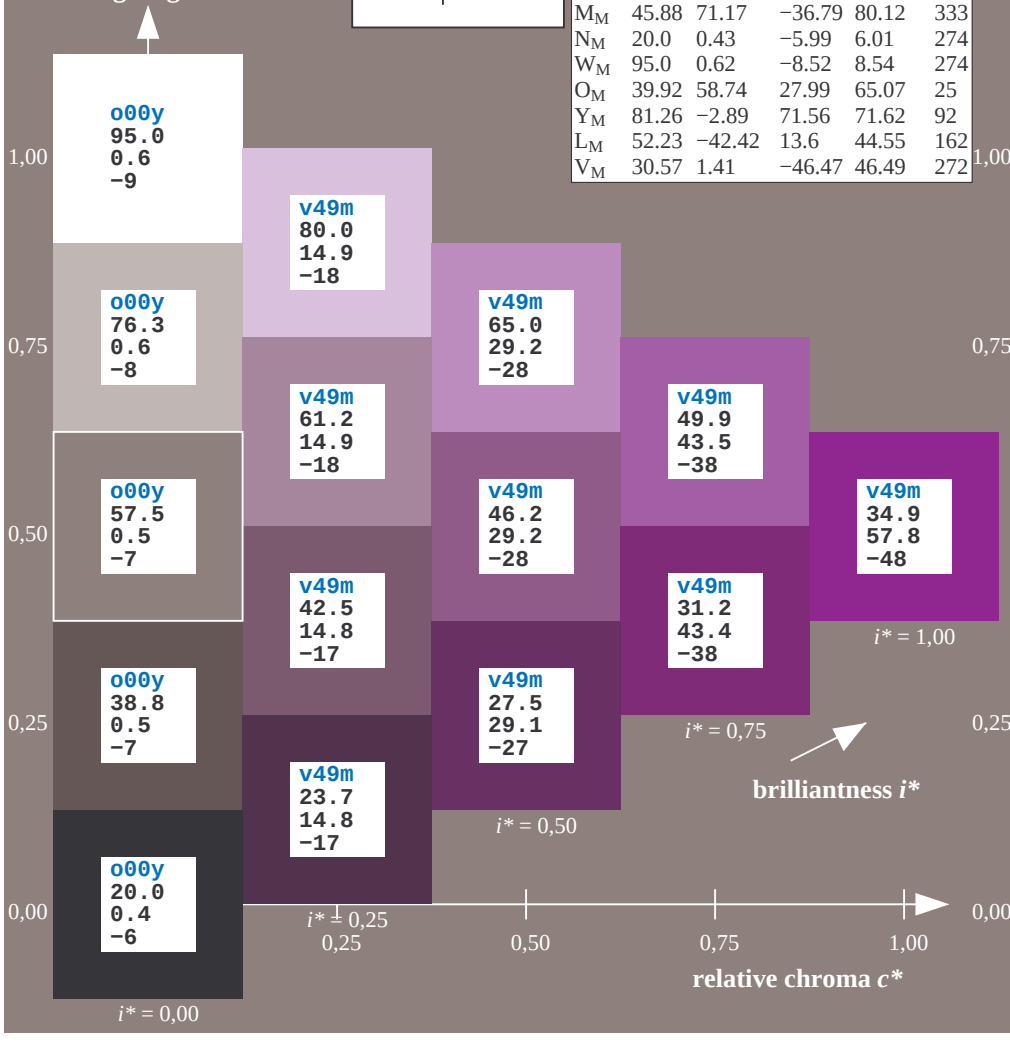
*LAB*LAB**$_{Ma}$: 35 57 −42
*LAB*LCH**$_{Ma}$: 35 71 323
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.92 0.0 1.0

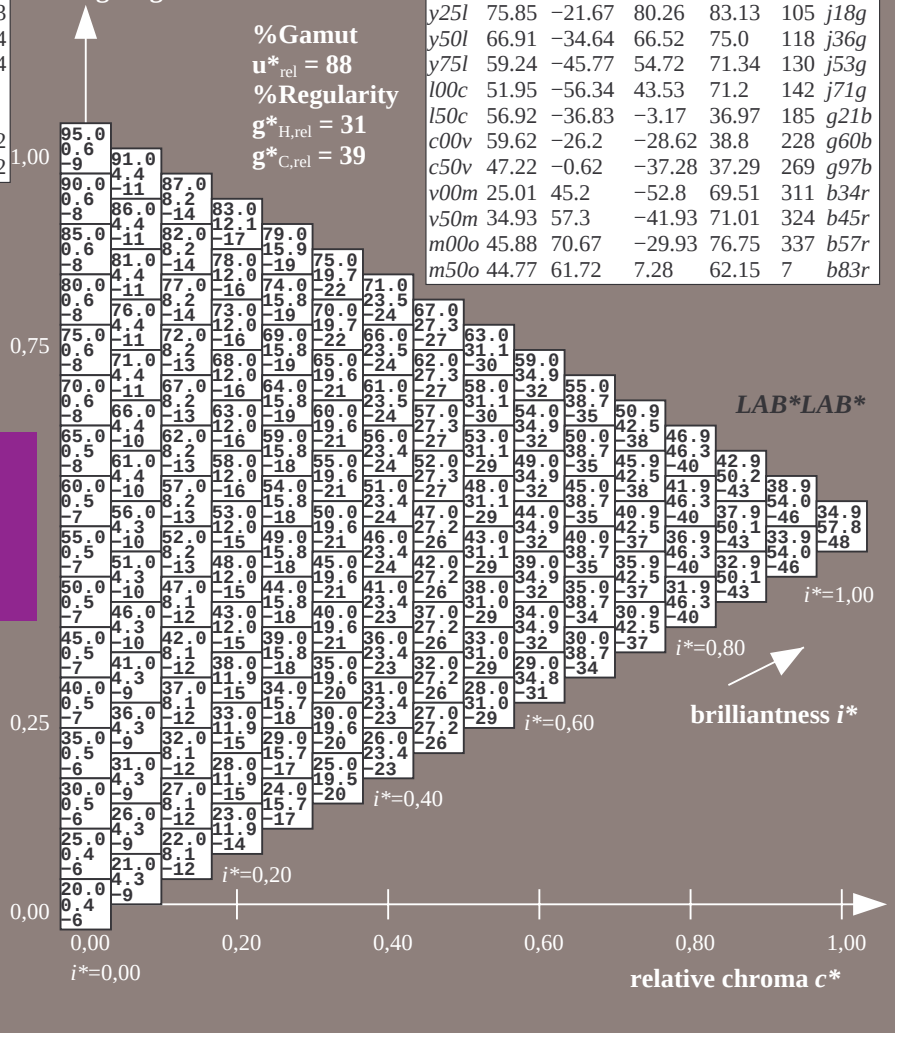
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





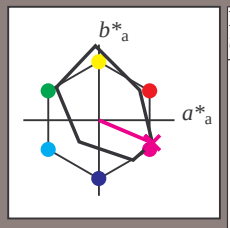
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95; CIELAB data

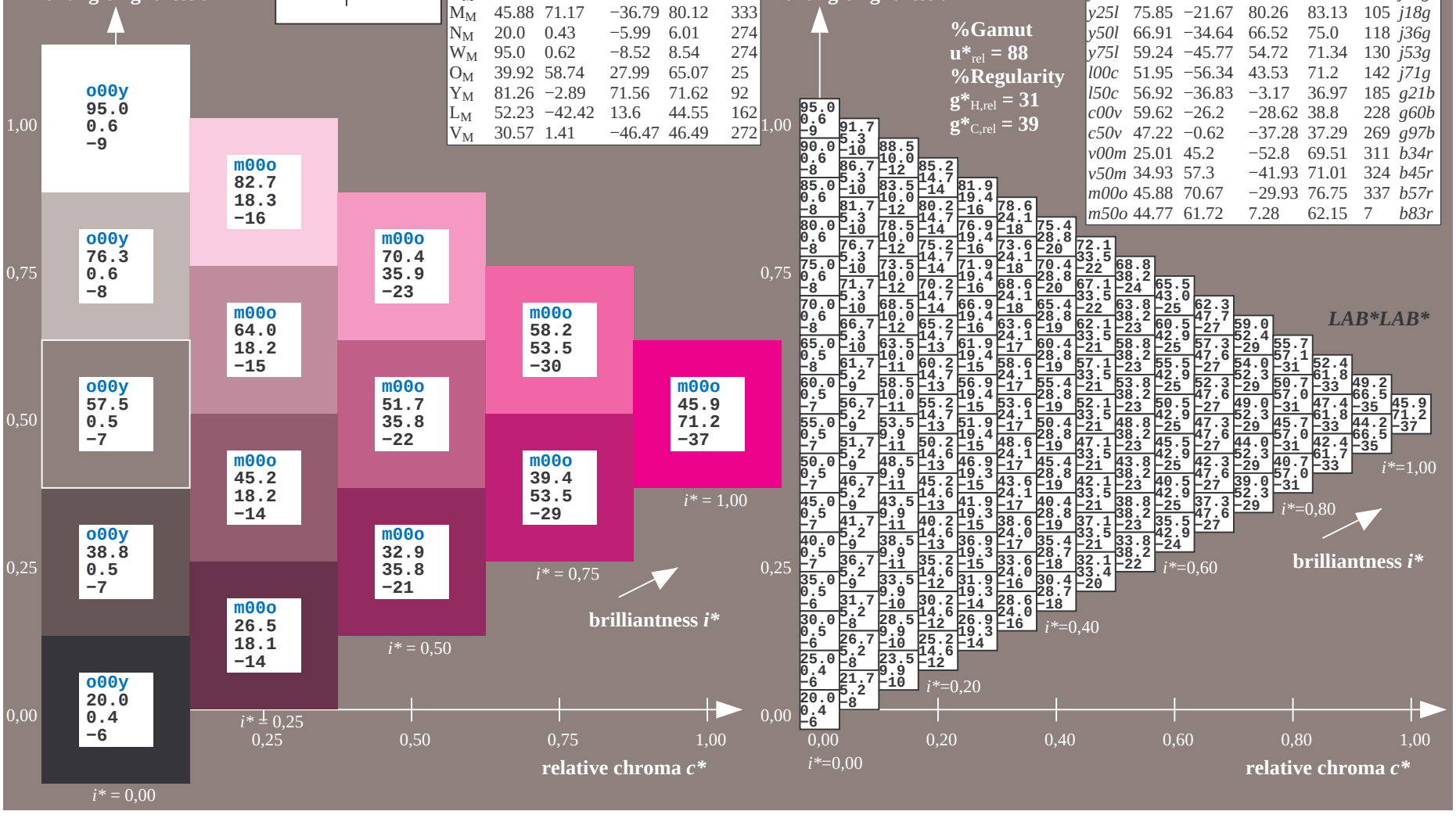
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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*$_{Ma}$: 46 71 −30
*LAB*LCH*$_{Ma}$: 46 77 337
*lab*olv*$_{Ma}$: 1.0 0.0 1.0
*lab*rgb*$_{Ma}$: 1.0 0.0 0.85
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

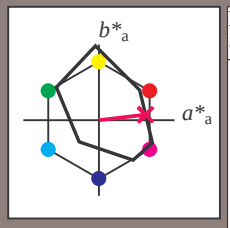


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

$u^*_d = m50o$
LAB^*LAB^*

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95; CIELAB data

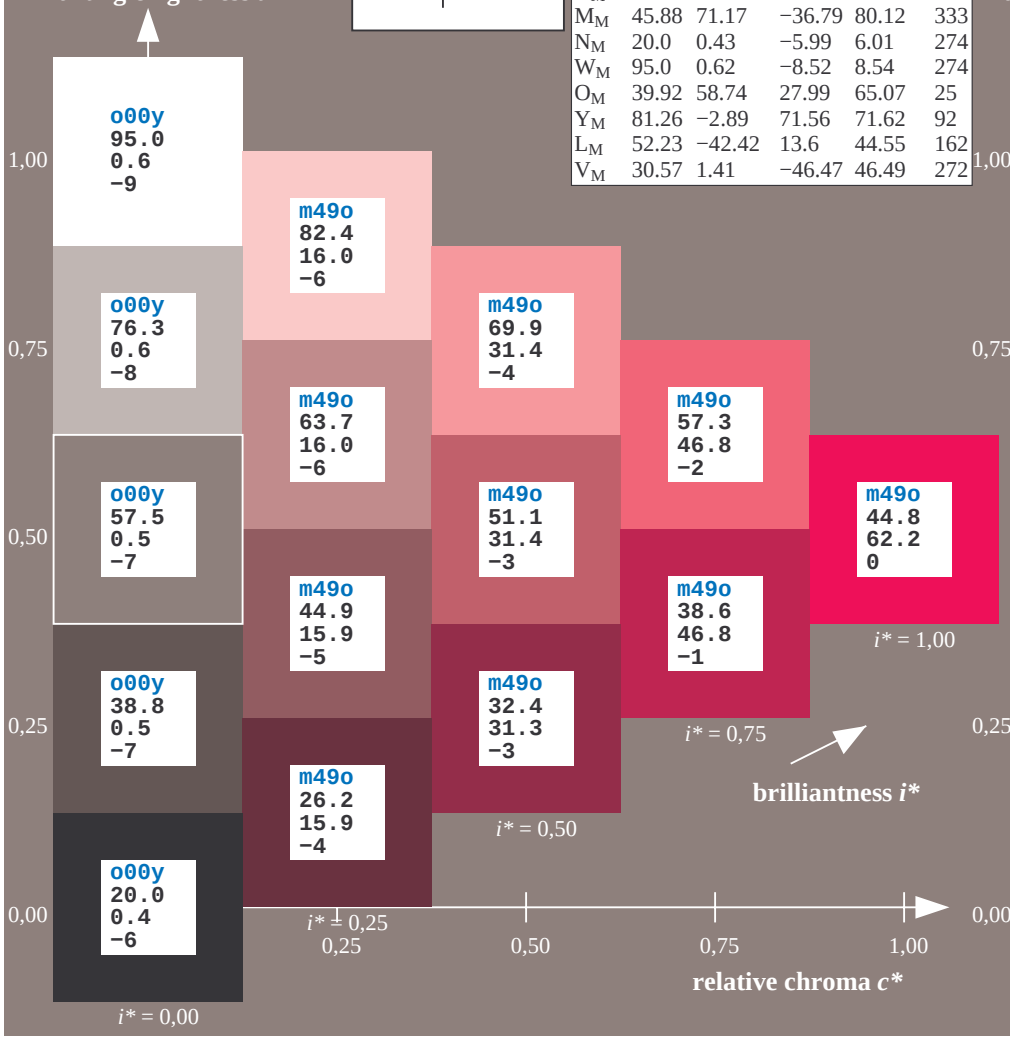
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

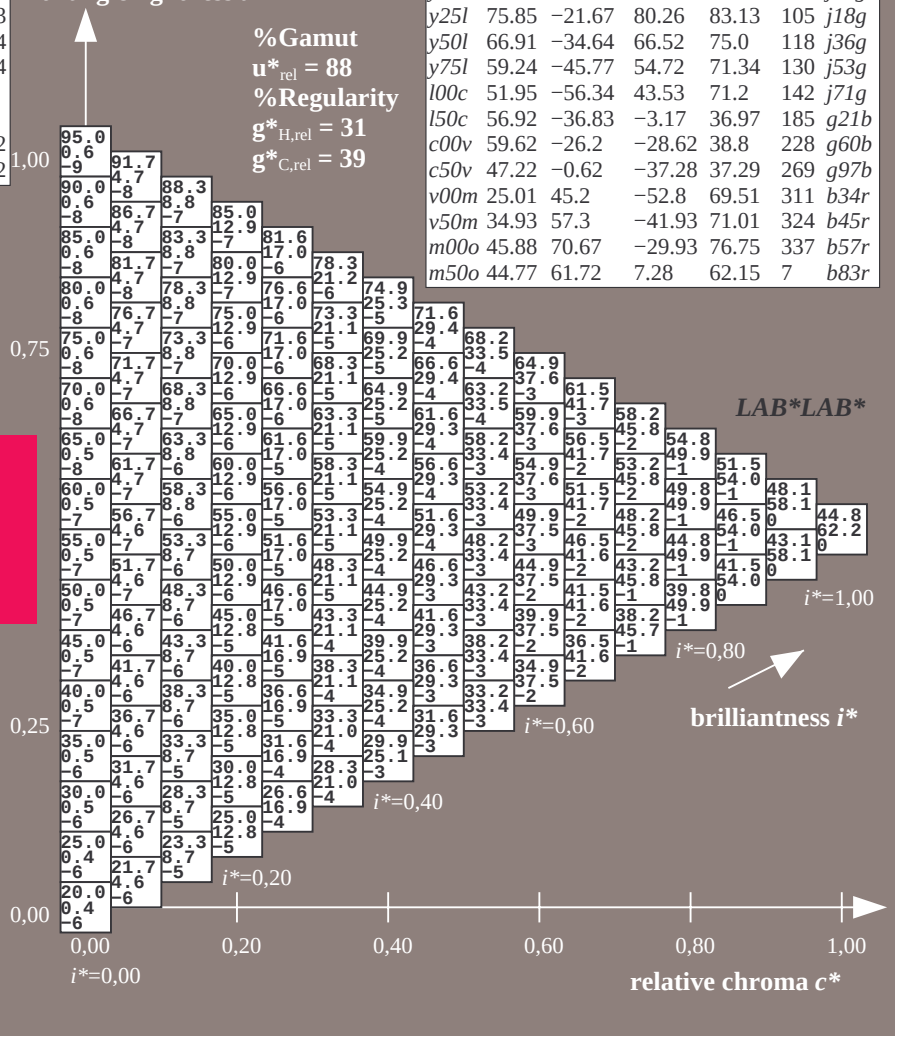
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 45 62 7
$LAB^*LCH^*_{Ma}$: 45 62 6
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33
triangle lightness t^*

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	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	20.0 0.4 -6	24.0 -6.6 -1	28.0 -13.6 5	32.0 -20.7 10	36.0 -27.7 15	40.0 -34.7 21	44.0 -41.8 26	48.0 -48.8 31	52.0 -55.8 36	23.0 7.2 -1	28.4 -0.1 6	31.7 -8.2 10	35.6 -15.3 15	39.6 -22.4 21	43.6 -29.4 26	47.6 -36.5 31	51.6 -43.5 37	55.6 -50.5 42	26.0 13.9 4	30.4 8.0 10	36.9 -0.7 18	39.7 -9.4 22	43.5 -16.8 26	47.3 -24.0 32	51.3 -31.1 37	55.3 -38.2 42	59.2 -45.2 47	95.0 0.6 -9	88.6 7.3 -3	82.2 14.1 2	75.8 20.8 7	69.4 27.5 12	63.0 34.2 17	56.6 41.0 23	50.2 47.7 28	43.8 54.4 33	20.0 0.4 -6	20.0 0.4 -6	20.0 0.4 -6	20.0 0.4 -6
02	20.6 6.1 -13	25.0 -2.8 -10	29.2 -8.8 -7	33.5 -14.9 -4	37.6 -21.3 0	41.7 -27.8 4	45.8 -34.5 8	49.9 -41.2 13	53.9 -48.0 18	23.2 9.3 -10	29.4 0.5 -6	33.4 -6.6 -1	37.4 -13.6 4	41.4 -20.6 10	45.4 -27.7 15	49.3 -34.7 20	53.3 -41.7 26	57.3 -48.8 31	26.2 15.9 -4	32.4 7.2 -1	37.8 -0.1 6	41.1 -8.2 10	45.0 -15.3 15	49.0 -22.4 20	53.0 -29.4 26	57.0 -36.5 31	61.0 -43.5 36	90.6 -2.7 -12	85.6 0.6 -8	79.2 7.3 -3	72.8 14.0 2	66.4 20.8 7	60.0 27.5 13	53.6 34.2 18	47.2 40.9 23	40.8 47.7 28	29.4 0.5 -6	29.4 0.5 -6	29.4 0.5 -6	29.4 0.5 -6
03	21.3 11.7 -19	26.8 0.3 -16	29.9 -6.1 -13	34.2 -12.0 -11	38.5 -17.9 -8	42.7 -24.0 -5	46.9 -30.2 -2	51.1 -36.5 2	55.2 -43.0 6	23.7 14.8 -17	30.0 6.1 -13	34.3 -2.8 -10	38.6 -8.7 -7	42.8 -14.9 -4	47.0 -21.2 -1	51.1 -27.8 4	55.2 -34.4 8	59.3 -41.2 13	26.5 18.1 -14	32.6 9.3 -10	38.8 0.5 -7	42.7 -6.6 -1	46.7 -13.6 4	50.7 -20.6 9	54.7 -27.7 15	58.7 -34.7 20	62.7 -41.7 25	86.2 -6.0 -15	81.2 -2.7 -12	76.3 0.6 -8	69.9 7.3 -3	63.5 14.0 2	57.1 20.7 8	50.7 27.5 13	44.3 34.2 18	37.9 40.9 23	38.8 0.5 -7	38.8 0.5 -7	38.8 0.5 -7	38.8 0.5 -7
04	21.9 17.4 -26	28.4 3.9 -22	31.7 -2.9 -19	34.9 -9.4 -17	39.1 -15.3 -14	43.4 -21.2 -12	47.7 -27.1 -9	51.9 -33.2 -6	56.2 -39.3 -3	24.3 20.4 -23	30.6 11.8 -20	36.2 0.3 -16	39.3 -6.1 -14	43.6 -12.0 -11	47.8 -17.9 -9	52.1 -24.0 -6	56.3 -30.2 -2	60.4 -36.5 1	26.9 23.5 -21	33.1 14.8 -17	39.4 6.1 -13	43.7 -2.8 -10	48.0 -8.7 -8	52.2 -14.8 -5	56.4 -21.2 -1	60.5 -27.8 3	64.6 -34.4 8	81.7 -9.2 -19	76.8 -6.0 -15	71.8 -2.7 -11	66.9 0.6 -8	60.5 7.3 -2	54.1 14.0 3	47.7 20.7 8	41.3 27.4 13	34.9 34.2 18	48.1 0.5 -7	48.1 0.5 -7	48.1 0.5 -7	48.1 0.5 -7
05	22.5 23.0 -32	29.7 8.1 -28	33.6 0.2 -25	36.6 -6.1 -23	39.8 -12.6 -21	44.1 -18.6 -18	48.4 -24.5 -16	52.6 -30.4 -13	56.9 -36.3 -10	25.0 26.0 -30	31.3 17.4 -26	37.8 4.0 -22	41.1 -2.9 -20	44.2 -9.3 -18	48.5 -15.3 -15	52.8 -21.2 -12	57.1 -27.1 -10	61.3 -33.1 -7	27.5 29.1 -27	33.7 20.4 -24	40.0 11.8 -20	45.6 0.3 -16	48.7 -6.0 -14	52.9 -12.0 -11	57.2 -17.9 -9	61.4 -24.0 -6	65.7 -30.2 -3	77.3 -12.5 -22	72.4 -9.3 -18	67.4 -6.0 -15	62.5 -2.7 -11	57.5 0.5 -7	51.1 7.3 -2	44.7 14.0 3	38.3 20.7 8	31.9 27.4 13	57.5 0.5 -7	57.5 0.5 -7	57.5 0.5 -7	57.5 0.5 -7
06	23.1 28.7 -39	30.9 12.7 -34	35.3 3.6 -31	38.6 -3.1 -29	41.6 -9.3 -27	44.8 -15.9 -25	49.0 -21.9 -22	53.3 -27.8 -19	57.6 -33.7 -17	25.6 31.7 -36	31.9 23.1 -33	39.1 8.2 -28	43.0 0.2 -25	46.0 -6.1 -23	49.2 -12.6 -21	53.4 -18.6 -18	57.7 -24.5 -16	62.0 -30.3 -13	28.1 34.7 -34	34.3 26.1 -30	40.6 17.4 -26	47.2 4.0 -22	50.5 -2.9 -20	53.6 -9.3 -18	57.9 -15.3 -15	62.2 -21.1 -13	66.4 -27.1 -10	72.9 -15.8 -26	67.9 -12.5 -22	63.0 -9.3 -18	58.0 -6.0 -14	53.1 -2.8 -11	48.1 0.5 -7	41.7 7.2 -2	35.3 14.0 3	28.9 20.7 9	66.9 0.6 -8	66.9 0.6 -8	66.9 0.6 -8	66.9 0.6 -8
07	23.8 34.3 -46	31.9 17.5 -40	36.8 7.4 -37	40.4 0.0 -35	43.5 -6.3 -33	46.5 -12.5 -31	49.7 -19.1 -28	53.9 -25.2 -25	58.2 -31.1 -23	26.2 37.3 -43	32.5 28.7 -39	40.3 12.7 -34	44.7 3.7 -31	48.0 -3.1 -29	50.9 -9.2 -27	54.1 -15.9 -25	58.4 -21.9 -22	62.7 -27.8 -20	28.7 40.4 -40	35.0 31.7 -37	41.3 23.1 -33	48.5 8.2 -28	52.4 0.2 -26	55.4 -6.1 -24	58.6 -12.6 -22	62.8 -18.6 -19	67.1 -24.4 -16	68.5 -19.1 -29	63.5 -15.8 -25	58.6 -12.6 -22	53.6 -9.3 -18	48.7 -6.0 -14	43.7 -2.8 -10	38.8 0.5 -7	32.4 7.2 -1	26.0 13.9 4	76.3 0.6 -8	76.3 0.6 -8	76.3 0.6 -8	76.3 0.6 -8
08	24.4 40.0 -52	32.9 22.5 -47	38.2 11.5 -43	42.1 3.4 -41	45.4 -3.3 -38	48.4 -9.5 -36	51.4 -15.7 -34	54.7 -22.4 -32	58.9 -28.5 -29	26.8 43.0 -50	33.1 34.4 -46	41.3 17.6 -41	46.2 7.5 -37	49.8 0.0 -35	52.9 -6.3 -33	55.8 -12.4 -31	59.1 -19.1 -29	63.3 -25.2 -26	29.3 46.0 -47	35.6 37.4 -43	41.9 28.7 -40	49.6 12.8 -35	54.0 3.7 -32	57.3 -3.1 -29	60.3 -9.2 -27	63.5 -15.8 -25	67.8 -21.9 -22	64.0 -22.4 -33	59.1 -19.1 -29	54.1 -15.9 -25	49.2 -12.6 -21	44.2 -9.3 -18	39.3 -6.1 -14	34.3 -2.8 -10	29.4 0.5 -6	23.0 7.2 -1	85.6 0.6 -8	85.6 0.6 -8	85.6 0.6 -8	85.6 0.6 -8
09	25.0 45.6 -59	33.8 27.6 -53	39.5 15.9 -49	43.7 7.1 -47	47.2 -0.1 -44	50.3 -6.5 -42	53.3 -12.6 -40	56.3 -18.9 -38	59.6 -25.7 -36	27.5 48.6 -56	33.8 40.0 -53	42.2 22.5 -47	47.6 11.6 -43	51.5 3.5 -41	54.8 -3.3 -39	57.8 -9.5 -37	60.8 -15.6 -35	64.0 -22.4 -33	29.9 51.6 -54	36.2 43.0 -50	42.5 34.4 -46	50.7 17.6 -41	55.6 7.5 -38	59.2 0.1 -35	62.2 -6.3 -33	65.2 -12.4 -31	68.5 -19.1 -29	59.6 -25.7 -36	54.7 -22.4 -32	49.7 -19.1 -28	44.8 -15.9 -25	39.8 -12.6 -21	34.9 -9.4 -17	29.9 -6.1 -13	25.0 -2.8 -10	20.0 0.4 -6	95.0 0.6 -9	95.0 0.6 -9	95.0 0.6 -9	95.0 0.6 -9
10	28.9 20.7 9	33.3 14.9 14	38.2 8.3 21	45.3 -1.2 30	47.9 -10.3 33	51.4 -18.1 38	55.2 -25.5 43	59.1 -32.7 48	63.0 -39.8 53	31.9 27.4 13	36.2 21.6 19	40.8 15.6 25	46.2 8.3 32	53.8 -1.8 42	56.2 -11.2 45	59.5 -19.2 49	63.1 -26.8 54	66.9 -34.1 59	34.9 34.2 18	39.2 28.4 24	43.6 22.5 30	48.5 16.0 36	54.3 8.2 44	62.2 -2.4 54	64.5 -11.9 57	67.6 -20.2 61	71.2 -27.9 65	95.0 0.6 -9	94.1 0.0 4	93.1 -0.5 16	92.2 -1.1 28	91.3 -1.7 41	90.4 -2.3 53	89.4 -2.9 65	88.5 -3.5 78	87.6 -4.0 90	20.0 0.4 -6	20.0 0.4 -6	20.0 0.4 -6	20.0 0.4 -6
11	29.2 22.7 0	35.3 14.0 3	39.8 8.0 9	46.3 -0.7 18	49.1 -9.4 21	52.8 -16.8 26	56.7 -24.0 31	60.7 -31.1 37	64.6 -38.2 42	32.2 29.4 5	38.3 20.7 8	42.6 14.9 14	47.5 8.4 20	54.7 -1.2 30	57.3 -10.3 33	60.8 -18.1 37	64.6 -25.4 42	68.4 -32.6 48	35.1 36.2 10	41.3 27.4 13	45.6 21.7 19	50.1 15.6 25	55.6 8.4 32	63.2 -1.8 42	65.6 -11.1 45	68.9 -19.2 49	72.5 -26.7 54	86.3 6.2 -15	85.6 0.6 -8	84.7 0.0 4	83.8 -0.6 16	82.8 -1.2 29	81.9 -1.7 41	81.0 -2.3 53	80.1 -2.9 66	79.1 -3.5 78	25.0 0.4 -6	25.0 0.4 -6	25.0 0.4 -6	25.0 0.4 -6
12	29.4 24.6 -8	35.6 15.9 -5	41.7 7.2 -2	47.2 -0.1 5	50.5 -8.2 10	54.4 -15.3 15	58.4 -22.4 20	62.4 -29.4 25	66.4 -36.4 31	32.4 31.3 -3	38.5 22.7 0	44.7 14.0 3	49.1 8.1 9	55.6 -0.6 17	58.5 -9.3 21	62.2 -16.8 26	66.1 -24.0 31	70.0 -31.1 36	35.4 38.1 2	41.5 29.5 5	47.7 20.7 8	52.0 14.9 14	56.9 8.4 20	64.1 -1.2 29	66.7 -10.3 33	70.2 -18.0 37	73.9 -25.4 42	77.5 11.9 -21	76.9 6.2 -15	76.3 0.6 -8	75.3 0.0 4	74.4 -0.6 17	73.5 -1.2 29	72.5 -1.8 41	71.6 -2.3 54	70.7 -2.9 66	30.0 0.5 -6	30.0 0.5 -6	30.0 0.5 -6	30.0 0.5 -6
13	29.7 27.0 -18	35.8 18.1 -14	42.0 9.3 -10	48.1 0.5 -7	52.1 -6.5 -2	56.1 -13.6 4	60.1 -20.6 9	64.1 -27.6 14	68.1 -34.7 20	32.6 33.3 -11	38.8 24.6 -8	44.9 15.9 -5	51.1 7.3 -2	56.6 -0.1 5	59.9 -8.1 9	63.8 -15.3 14	67.7 -22.3 20	71.7 -29.4 25	35.6 40.0 -6	41.8 31.4 -3	47.9 22.7 0	54.1 14.0 3	58.5 8.1 9	65.0 -0.6 17	67.9 -9.3 21	71.6 -16.8 26	75.5 -23.9 31	68.8 17.5 -27	68.1 11.9 -21	67.5 6.2 -14	66.9 0.6 -8	65.9 0.0 5	65.0 -0.6 17	64.1 -1.2 29	63.2 -1.8 42	62.2 -2.4 54	35.0 0.5 -6	35.0 0.5 -6	35.0 0.5 -6	35.0 0.5 -6
14	30.1 32.3 -24	36.3 23.6 -21	42.5 14.8 -17	48.8 6.2 -14	53.1 -2.8 -11	57.4 -8.7 -8	61.6 -14.8 -5	65.7 -21.2 -1	69.9 -27.7 3	32.9 35.8 -21	39.1 27.0 -18	45.2 18.2 -14	51.4 9.3 -11	57.5 0.5 -7	61.5 -6.5 -2	65.5 -13.5 3	69.5 -20.6 9	73.5 -27.6 14	35.9 42.1 -15	42.0 33.4 -11	48.2 24.6 -8	54.3 16.0 -5	60.5 7.3 -2	65.9 0.0 5	69.2 -8.1 9	73.1 -15.3 14	77.1 -22.3 19	60.0 23.1 -34	59.4 17.5 -27	58.8 11.8 -20	58.1 6.2 -14	57.5 0.5 -7	56.6 -0.1 5	55.6 -0.6 17	54.7 -1.2 30	53.8 -1.8 42	40.0 0.5 -7	40.0 0.5 -7	40.0 0.5 -7	40.0 0.5 -7
15	30.6 37.9 -31	36.8 29.1 -28	43.1 20.4 -24	49.4 11.8 -20	54.9 0.4 -16	58.0 -6.0 -14	62.3 -12.0 -12	66.6 -17.9 -9	70.8 -23.9 -6	33.3 41.1 -28	39.5 32.3 -25	45.6 23.6 -21	51.9 14.8 -18	58.1 6.2 -14	62.5 -2.7 -11	66.7 -8.7 -8	71.0 -14.8 -5	75.1 -21.2 -1	36.2 44.6 -25	42.3 35.8 -22	48.5 27.0 -18	54.6 18.2 -15	60.7 9.4 -11	66.9 0.6 -8	70.9 -6.5 -2	74.9 -13.5 3	78.9 -20.5 8	51.3 28.8 -40	50.6 23.1 -33	50.0 17.5 -27	49.4 11.8 -20	48.8 6.2 -14	48.1 0.5 -7	47.2 -0.1 5	46.3 -0.7 18	45.3 -1.2 30	45.0 0.5 -7	45.0 0.5 -7	45.0 0.5 -7	45.0 0.5 -7
16	31.2 43.4 -38	37.4 34.7 -34	43.7 26.1 -31	50.0 17.5 -27	56.5 4.0 -22	59.9 -2.9 -20	63.0 -9.3 -18	67.2 -15.3 -15	71.5 -21.1 -13	33.8 46.6 -35	40.0 37.9 -31	46.2 29.2 -28	52.5 20.5 -24	58.8 11.8 -20	64.3 0.4 -17	67.4 -6.0 -15	71.7 -11.9 -12	76.0 -17.8 -9	36.5 50.0 -32	42.7 41.2 -29	48.8 32.4 -25	55.0 23.6 -21	61.2 14.9 -18	67.5 6.2 -14	71.8 -2.7 -11	76.1 -8.6 -9	80.3 -14.8 -6	42.5 34.4 -46	41.9 28.7 -40	41.3 23.1 -33	40.6 17.4 -26	40.0 11.8 -20	39.4 6.1 -13	38.8 0.5 -7	37.8 -0.1 6	36.9 -0.7 18	50.0 0.5 -7	50.0 0.5 -7	50.0 0.5 -7	50.0 0.5 -7
17	31.8 49.1 -44	38.0 40.4 -41	44.3 31.7 -37	50.6 23.1 -33	57.9 8.2 -29	61.7 0.2 -26	64.8 -6.0 -24	67.9 -12.5 -22	72.2 -18.6 -19	34.3 52.2 -42	40.6 43.5 -38	46.8 34.8 -34	53.1 26.1 -31	59.4 17.5 -27	65.9 4.0 -23	69.2 -2.9 -21	72.4 -9.3 -18	76.6 -15.2 -16	37.0 55.4 -39	43.2 46.6 -35	49.4 37.9 -32	55.6 29.2 -28	61.8 20.5 -25	68.1 11.9 -21	73.7 0.4 -17	76.8 -6.0 -15	81.1 -11.9 -12	33.8 40.0 -53	33.1 34.4 -46	32.5 28.7 -39	31.9 23.1 -33	31.3 17.4 -26	30.6 11.8 -20	30.0 6.1 -13	29.4 0.5 -6	28.4 -0.1 6	55.0 0.5 -7	55.0 0.5 -7	55.0 0.5 -7	55.0 0.5 -7
18	32.4 54.7 -51	38.7 46.0 -47	45.0 37.4 -44	51.3 28.8 -40	59.0 12.8 -35	63.4 3.7 -32	66.7 -3.1 -30	69.7 -9.2 -28	72.9 -15.8 -26	34.9 57.8 -48	41.2 49.1 -45	47.4 40.4 -41	53.7 31.8 -37	60.0 23.1 -34	67.2 8.2 -29	71.1 0.2 -26	74.1 -6.0 -24	77.3 -12.5 -22	37.5 60.9 -46	43.7 52.2 -42	49.9 43.5 -38	56.2 34.8 -35	62.5 26.1 -31	68.8 17.5 -27	75.3 4.1 -23	78.6 -2.8 -21	81.7 -9.2 -19	25.0 45.6 -59	24.4 40.0 -52	23.8 34.3 -46	23.1 28.7 -39	22.5 23.0 -32	21.9 17.4 -26	21.3 11.7 -19	20.6 6.1 -13	20.0 0.4 -6	60.0 0.5 -7	60.0 0.5 -7	60.0 0.5 -7	60.0 0.5 -7
19	37.9 40.9 23	42.2 35.1 29	46.5 29.3 35	51.2 23.2 41	56.3 16.2 47	62.6 7.9 55	70.7 -2.9 66	72.9 -12.6 69	75.9 -21.1 72	40.8 47.7 28	45.2 41.9 34	49.5 36.1 39	54.0 30.1 45	58.8 23.6 52	64.3 16.3 59	70.9 7.6 67	79.1 -3.5 78	81.2 -13.3 80	43.8 54.4 33	48.1 48.6 39	52.5 42.9 44	56.9 37.0 50	61.5 30.7 56	66.6 23.9 63	72.4 16.2 70	79.2 7.2 79	87.6 -4.0 90	95.0 0.6 -9	89.6 -6.4 -3	84.2 -13.5 3	78.9 -20.5 8	73.5 -27.6 14	68.1 -34.7 20	62.7 -41.7 25	57.3 -48.8 31	52.0 -55.8 36	65.0 0.5 -8	65.0 0.5 -8	65.0 0.5 -8	65.0 0.5 -8
20	38.1 43.0 15	44.3 34.2 18	48.6 28.4 24	53.0 22.5 29	57.9 16.0 36	63.7 8.2 43	71.6 -2.3 54	73.9 -11.9 56	77.0 -20.2 60	41.1 49.7 19	47.2 40.9 23	51.6 35.2 29	55.9 29.3 34	60.5 23.2 40	65.7 16.3 47	72.0 7.9 55	80.1 -2.9 66	82.2 -12.6 68	44.1 56.5 24	50.2 47.7 28	54.5 41.9 33	58.9 36.1 39	63.4 30.1 45	68.2 23.6 51	73.7 16.3 58	80.2 7.6 67	88.5 -3.5 78	88.9 9.4 -12	85.6 0.6 -8	80.2 -6.5 -3	74.9 -13.5 3	69.5 -20.6 9	64.1 -27.6 14	58.7 -34.7 20	53.3 -41.7 26	48.0 -48.8 31	70.0 0.6 -8	70.0 0.6 -8	70.0 0.6 -8	70.0 0.6 -8
21	38.3 44.9 7	44.5 36.2 9	50.7 27.5 13	55.0 21.7 18	59.5 15.6 24	64.9 8.4 31	72.5 -1.8 41	74.9 -11.1 44	78.2 -19.1 49	41.3 51.7 11	47.5 43.0 14	53.6 34.2 18	58.0 28.4 23	62.4 22.6 29	67.2 16.1 35	73.1 8.2 43	81.0 -2.3 53	83.3 -11.9 56	44.3 58.5 16	50.5 49.8 19	56.6 41.0 23	60.9 35.2 28	65.3 29.4 34	69.9 23.2 40	75.1 16.3 47	81.3 7.9 55	89.4 -2.9 65	82.7 18.3 -16	79.5 9.4 -12	76.3 0.6 -8	70.9 -6.5 -2	65.5 -13.5 3	60.1 -20.6 9	54.7 -27.7 15	49.3 -34.7 20	44.0 -41.8 26	75.0 0.6 -8	75.0 0.6 -8	75.0 0.6 -8	75.0 0.6 -8
22	38.6 46.8 -1	44.7 38.1 2	50.9 29.5 4	57.1 20.7 8	61.4 14.9 13	66.3 8.4 20	73.5 -1.2 29	76.1 -10.3 32	79.5 -18.0 37	41.6 53.6 4	47.7 44.9 6	53.9 36.3 9	60.0 27.5 13	64.4 21.7 18	68.9 15.7 24	74.3 8.4 31	81.9 -1.7 41	84.3 -11.1 44	44.5 60.3 8	50.7 51.7 11	56.9 43.0 14	63.0 34.2 17	67.3 28.5 23	71.7 22.6 29	76.6 16.1 35	82.5 8.2 43	90.4 -2.3 53	76.6 27.1 -19	73.3 18.2 -15	70.1 9.4 -11	66.9 0.6 -8	61.5 -6.5 -2	56.1 -13.6 4	50.7 -20.6 9	45.4 -27.7 15	40.0 -34.7 21	80.0 0.6 -8	80.0 0.6 -8	80.0 0.6 -8	80.0 0.6 -8
23	38.8 48.7 -9	45.0 40.0 -6	51.1 31.4 -3	57.3 22.7 -1	63.5 14.0 2	67.9 8.1 8	74.4 -0.6 17	77.2 -9.3 20	81.0 -16.7 25	41.8 55.5 -4	48.0 46.8 -1	54.1 38.2 1	60.3 29.5 4	66.4 20.8 7	72.8 15.0 13	75.7 8.4 19	82.8 -1.2 29	85.4 -10.2 32	44.8 62.2 0	50.9 53.6 3	57.1 44.9 6	63.3 36.3 9	69.4 27.5 12	73.7 21.7 18	78.3 15.7 24	83.7 8.4 31	91.3 -1.7 41	70.4 35.9 -23	67.2 27.1 -19	64.0 18.2 -15	60.7 9.4 -11	57.5 0.5 -7	52.1 -6.5 -2	46.7 -13.6 4	41.4 -20.6 10	36.0 -27.7 15	85.0 0.6 -8	85.0 0.6 -8	85.0 0.6 -8	85.0 0.6 -8
24	39.1 50.9 -18	45.2 42.1 -15	51.4 33.4 -12	57.5 24.7 -9	63.7 16.0 -6	69.9 7.3 -3	75.3 0.0 4	78.6 -8.1 9	82.5 -15.2 14	42.0 57.5 -13	48.2 48.8 -10	54.4 40.1 -7	60.5 31.4 -4	66.7 22.8 -1	72.8 14.0 2	77.3 8.1 8	83.8 -0.6 16	86.6 -9.3 20	45.0 64.2 -8	51.2 55.5 -5	57.3 46.8 -2	63.5 38.2 1	69.7 29.5 4	75.8 20.8 7	80.1 15.0 13	85.0 8.4 19	92.2 -1.1 28	64.3 44.7 -26	61.1 35.9 -22	57.8 27.0 -18	54.6 18.2 -15	51.4 9.3 -11	48.1 0.5 -7	42.7 -6.6 -1	37.4 -13.6 4	32.0 -20.7 10	90.0 0.6 -8	90.0 0.6 -8	90.0 0.6 -8	90.0 0.6 -8
25	39.4 53.5 -29	45.5 44.7 -26	51.7 35.8 -22	57.8 27.0 -18	64.0 18.2 -15	70.1 9.4 -11	76.3 0.6 -8	80.2 -6.5 -3	84.2 -13.5 3	42.3 59.7 -22	48.5 50.9 -19	54.6 42.2 -15	60.8 33.4 -12	66.9 24.7 -9	73.1 16.0 -6	79.2 7.3 -3	84.7 0.0 4	88.0 -8.1 8	45.3 66.2 -16	51.4 57.5 -13	57.6 48.8 -10	63.7 40.1 -7	69.9 31.4 -4	76.0 22.8 -1	82.2 14.1 2	86.6 8.1 8	93.1 -0.5 16	58.2 53.5 -30	54.9 44.7 -26	51.7 35.8 -22	48.5 27.0 -18	45.2 18.2 -14	42.0 9.3 -10	38.8 0.5 -7	33.4 -6.6 -1	28.0 -13.6 5	95.0 0.6 -9	95.0 0.6 -9	95.0 0.6 -9	95.0 0.6 -9
26	39.7 58.8 -36	45.9 50.0 -32	52.1 41.2 -29	58.2 32.4 -25	64.4 23.6 -22	70.6 14.9 -18	76.9 6.2 -15	81.2 -2.7 -12	85.5 -8.6 -9	42.6 62.3 -33	48.8 53.5 -29	54.9 44.7 -26	61.1 35.9 -22	67.2 27.1 -19	73.3 18.2 -15	79.5 9.4 -12	85.6 0.6 -8	89.6 -6.4 -3	45.5 68.5 -26	51.7 59.7 -22	57.8 50.9 -19	64.0 42.2 -16	70.1 33.4 -12	76.3 24.7 -9	82.4 16.0 -6	88.6 7.3 -3	94.1 0.0 4	52.0 62.4 -33	48.8 53.5 -29	45.5 44.7 -26	42.3 35.8 -22	39.1 27.0 -18	35.8 18.1 -14	32.6 9.3 -10	29.4 0.5 -6	24.0 -6.6 -1	20.0 0.4 -6	43.8 54.4 33	87.6 -4.0 90	52.0 -55.8 36
27	40.2 64.2 -43	46.4 55.4 -39	52.5 46.7 -36	58.7 37.9 -32	65.0 29.2 -28	71.2 20.5 -25	77.5 11.9 -21	83.1 0.4 -17	86.2 -6.0 -15	43.0 67.6 -40	49.1 58.8 -36	55.3 50.0 -33	61.4 41.2 -29	67.6 32.4 -26	73.8 23.6 -22	80.0 14.9 -18	86.3 6.2 -15	90.6 -2.7 -12	45.9 71.2 -37	52.0 62.4 -33	58.2 53.5 -30	64.3 44.7 -26	70.4 35.9 -23	76.6 27.1 -19	82.7 18.3 -16	88.9 9.4 -12	95.0 0.6 -9	45.9 71.2 -37	42.6 62.3 -33	39.4 53.5 -29	36.2 44.6 -25	32.9 35.8 -21	29.7 27.0 -18	26.5 18.1 -14	23.2 9.3 -10	20.0 0.4 -6	95.0 0.6 -9	59.6 -25.7 -36	25.0 45.6 -59	45.9 71.2 -37

See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS
application for evaluation and measurement of printer or monitor systems BAM material: code=rha4ta

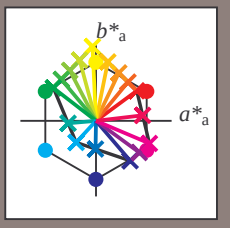
BAM-test chart Fe63; Relative Device Colour System
D65: colour scales and 9 data tables for 16 hues *o00y* to *m50o*

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

Input and output:
Colorimetric Printer Reflective System FRS12_95a
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 = 0.9

FRS12_95a; adapted (a) CIELAB data

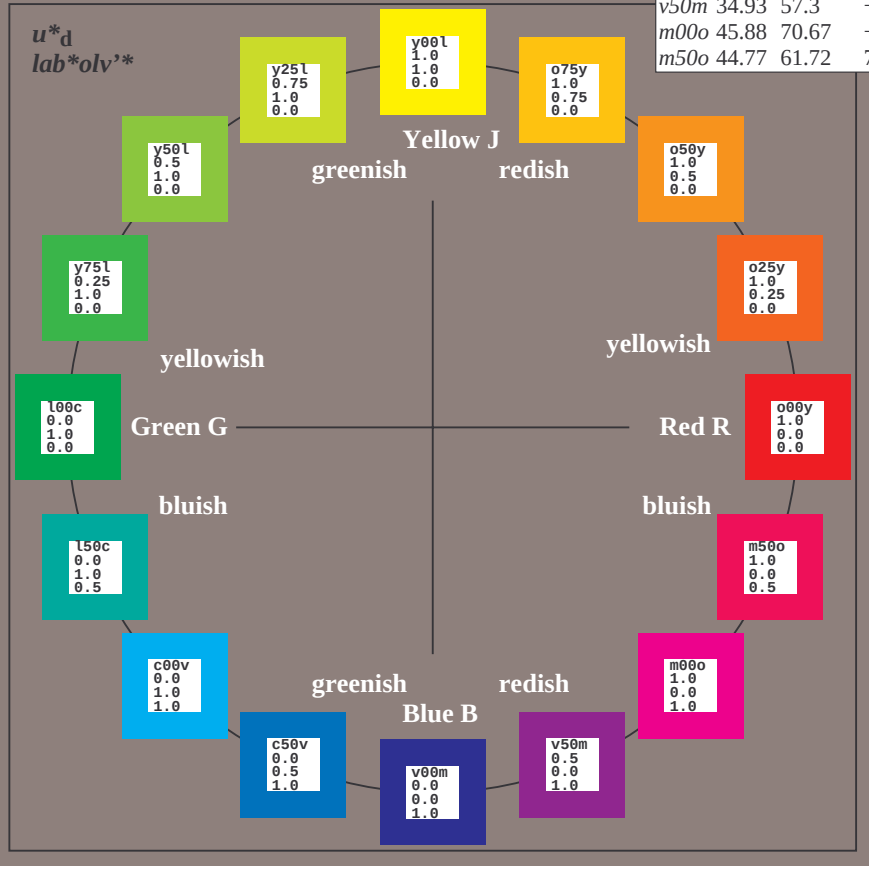
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

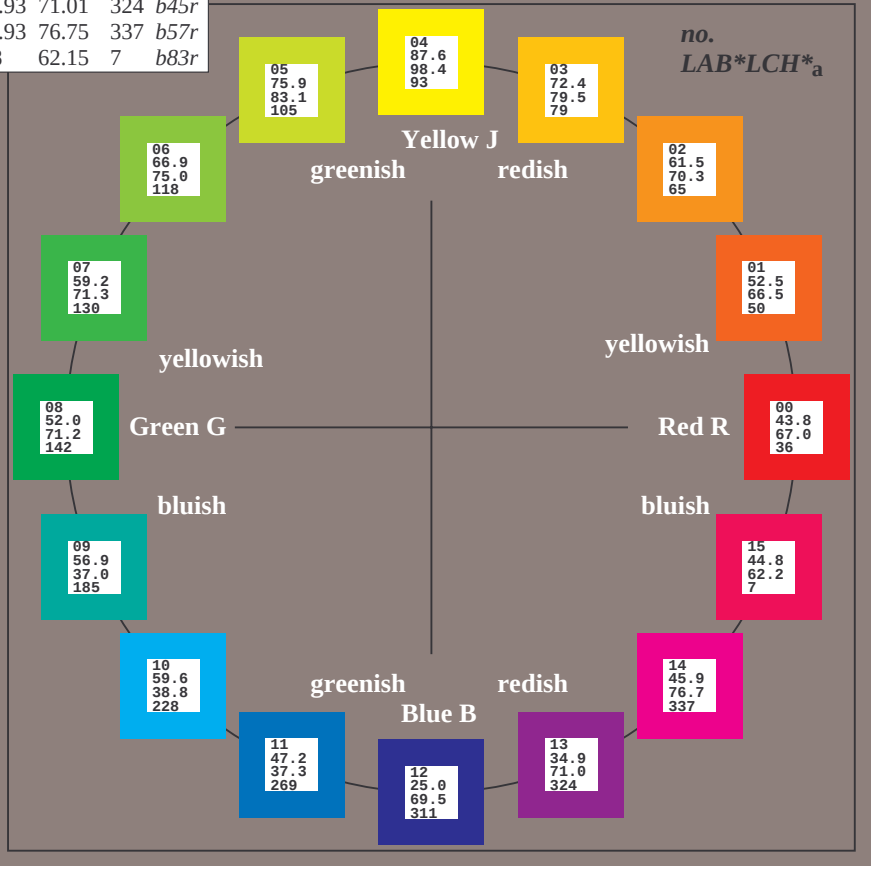


%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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



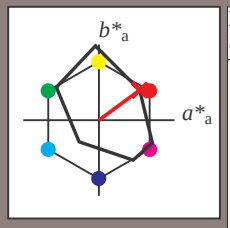


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o00y* u^*_e = *r16j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

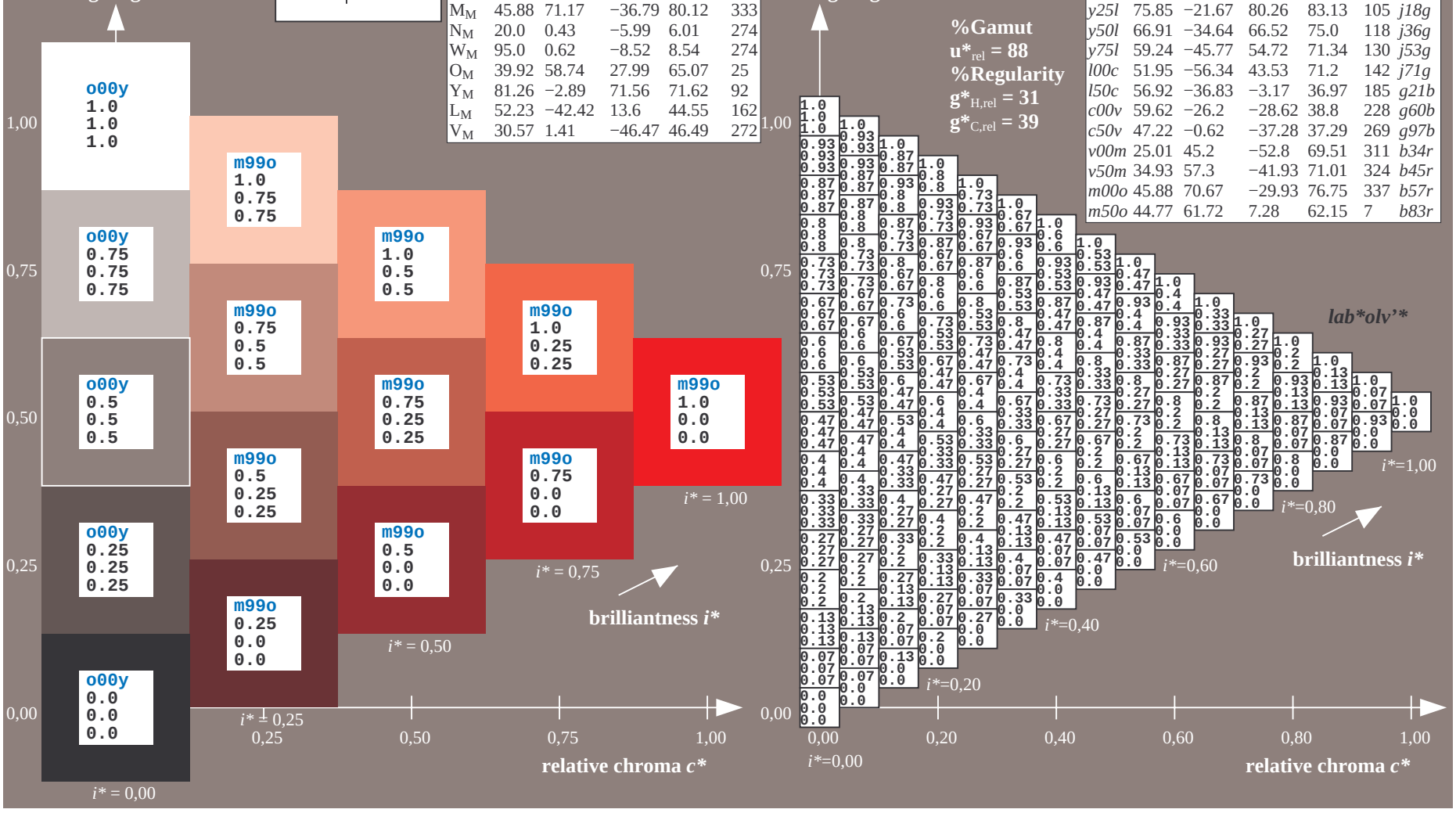
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 44 54 40
*LAB*LCH**$_{Ma}$: 44 67 36
*lab*olv**$_{Ma}$: 1.0 0.0 0.0
*lab*rgb**$_{Ma}$: 1.0 0.16 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o00y*
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

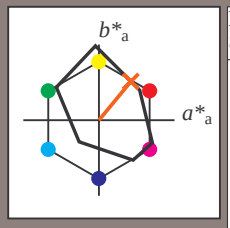
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r37j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

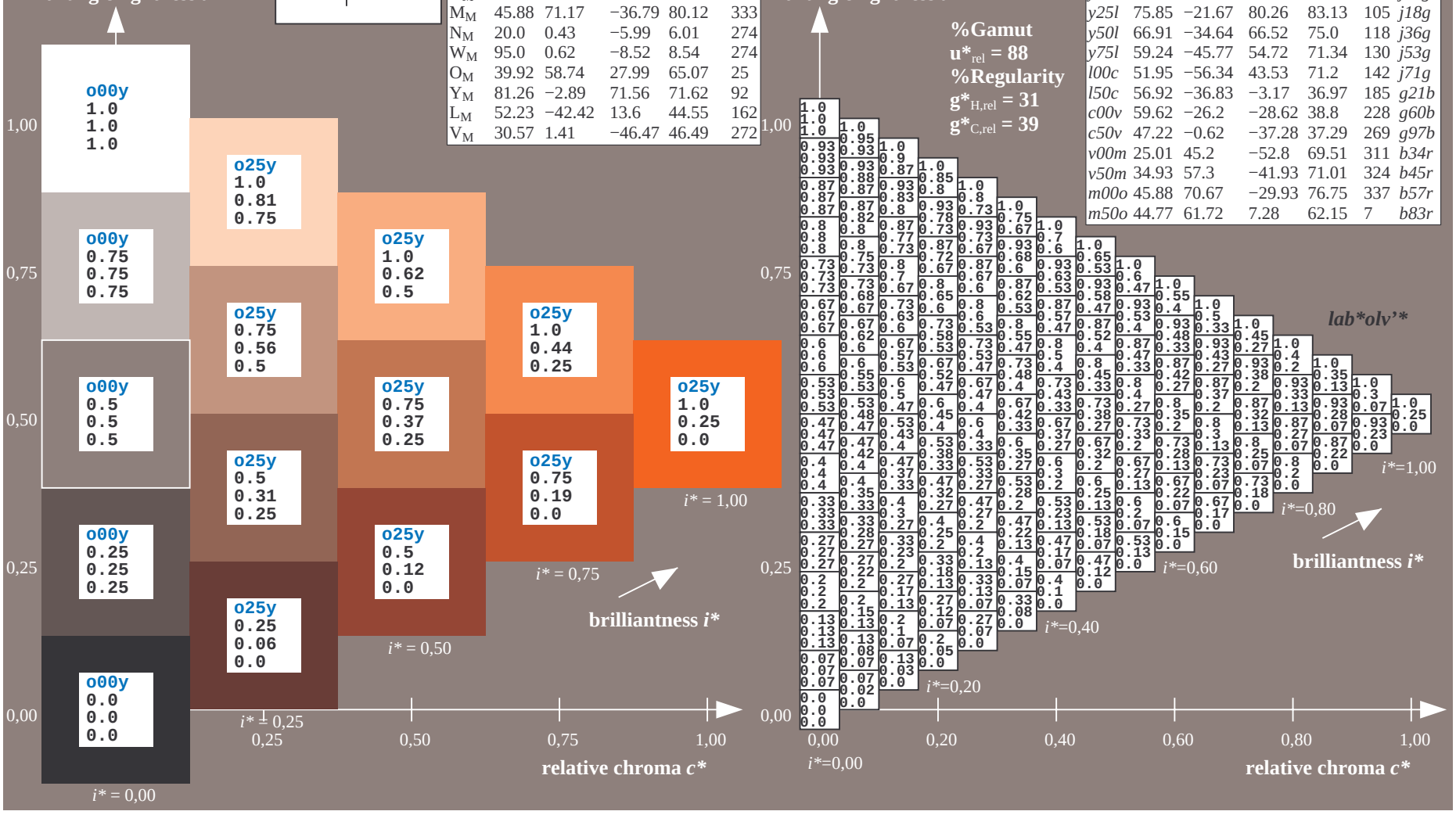
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 42 51
*LAB*LCH**$_{Ma}$: 52 67 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o25y*
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

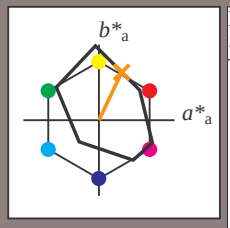
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o50y* u^*_e = *r58j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

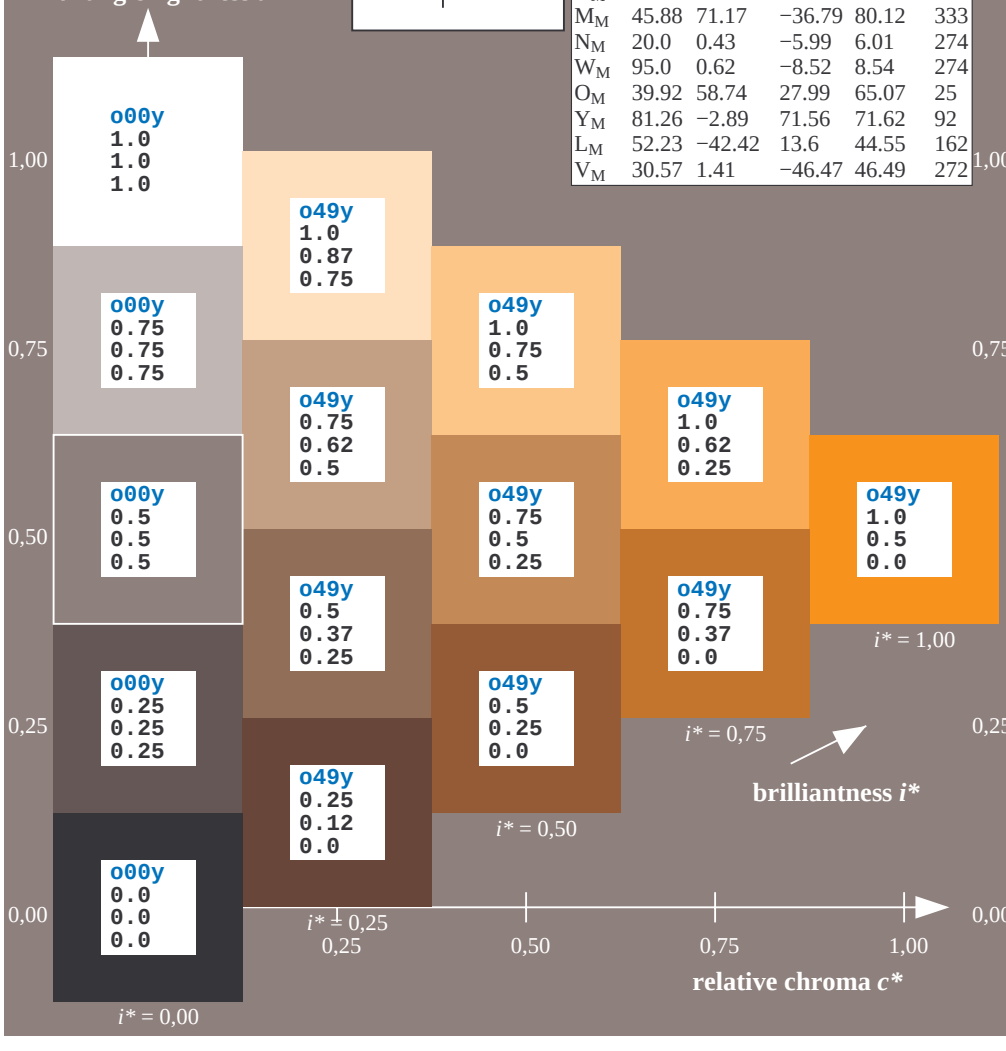
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 30 63
*LAB*LCH**$_{Ma}$: 62 70 64
*lab*olv**$_{Ma}$: 1.0 0.5 0.0
*lab*rgb**$_{Ma}$: 1.0 0.58 0.0
triangle lightness *t**

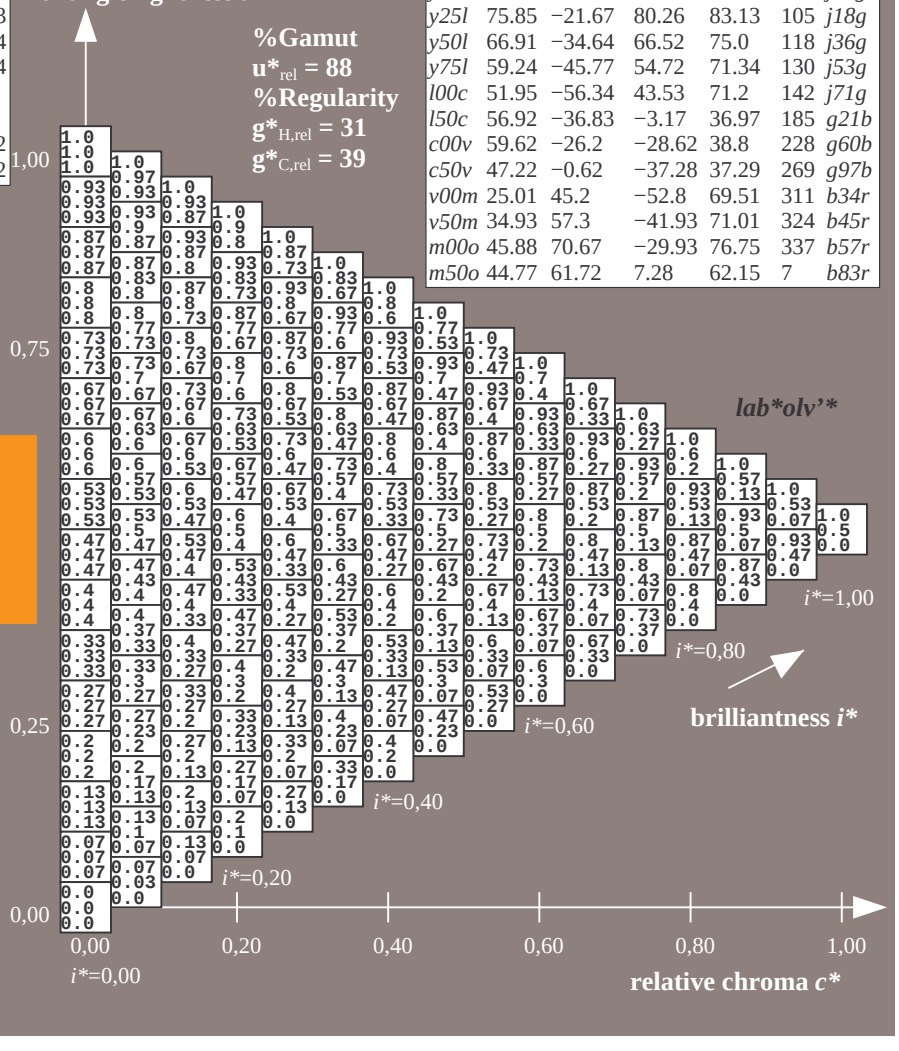
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o50y*
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



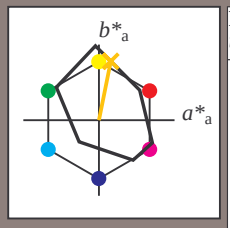


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o75y* u^*_e = *r79j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

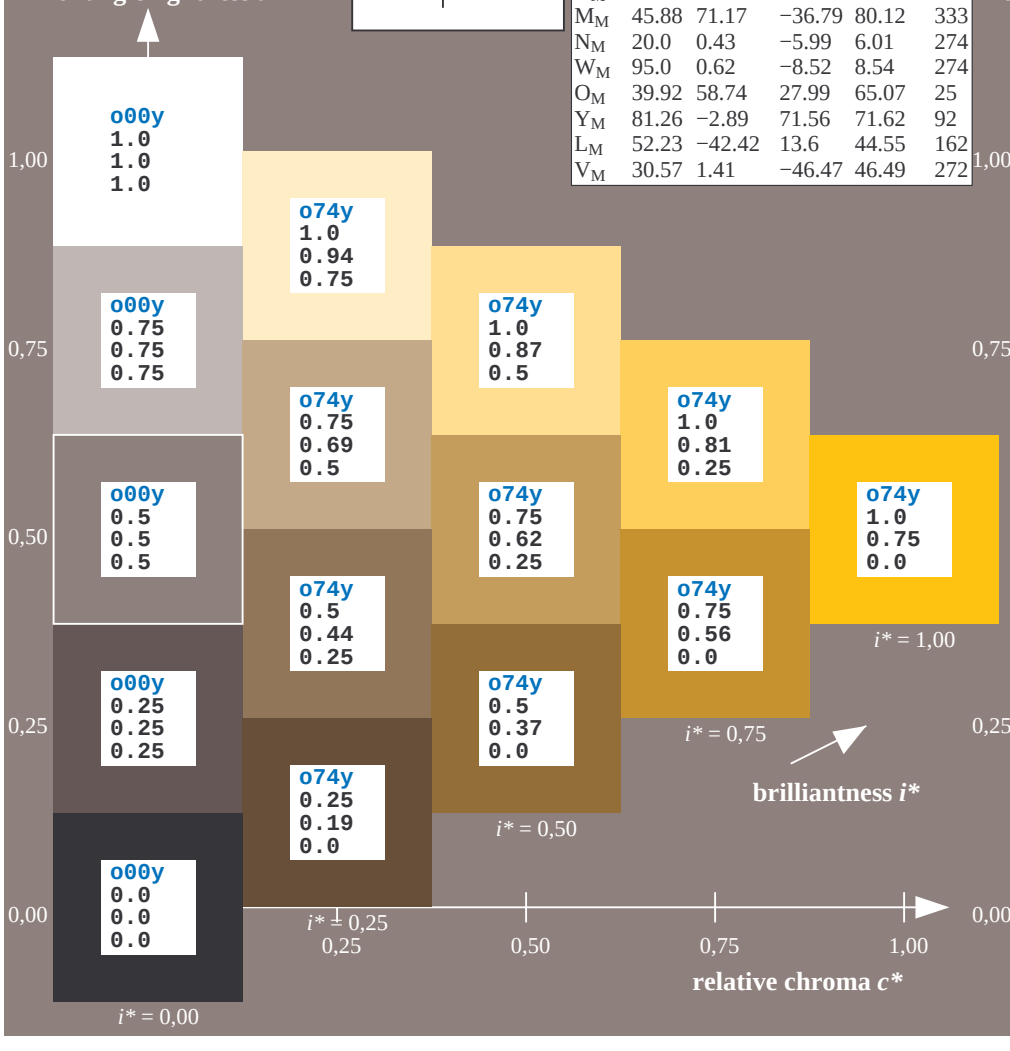
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 72 16 78
*LAB*LCH**$_{Ma}$: 72 80 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.8 0.0
triangle lightness *t**

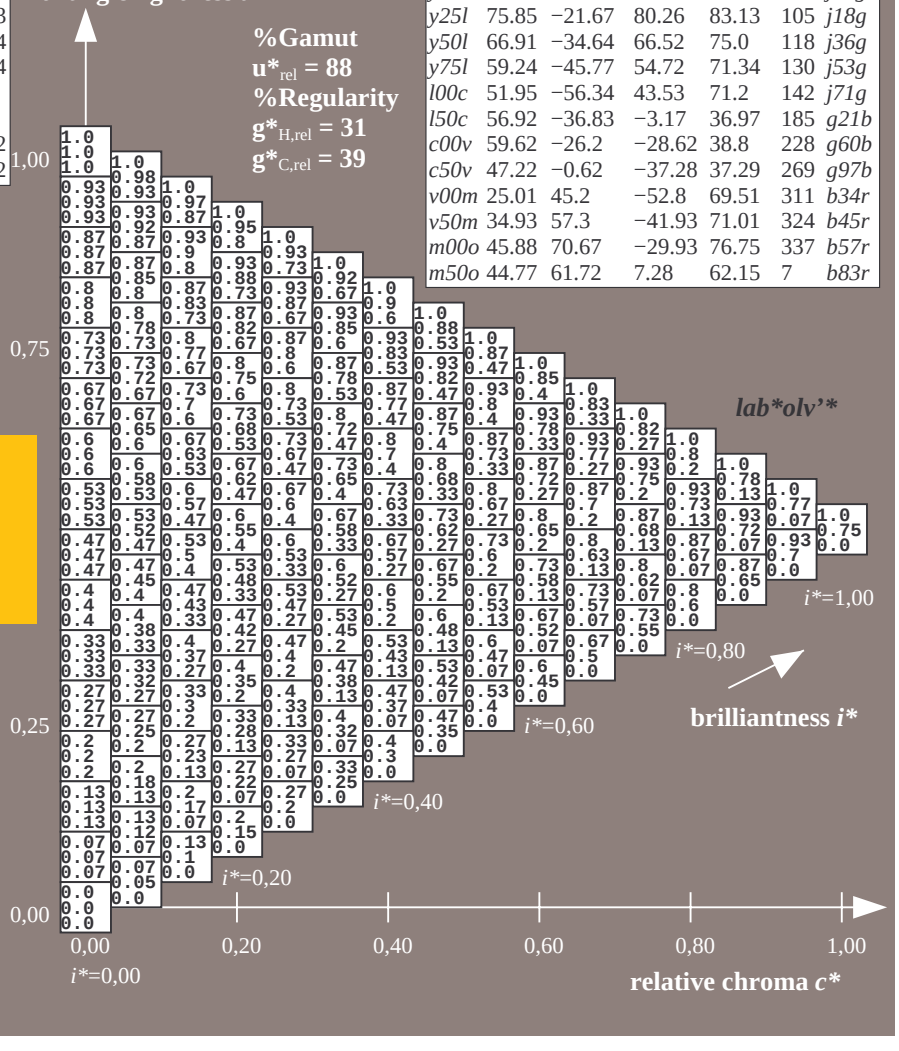
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o75y*
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



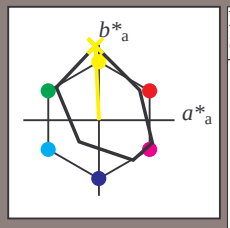


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y00l$ $u^*_e = j01g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

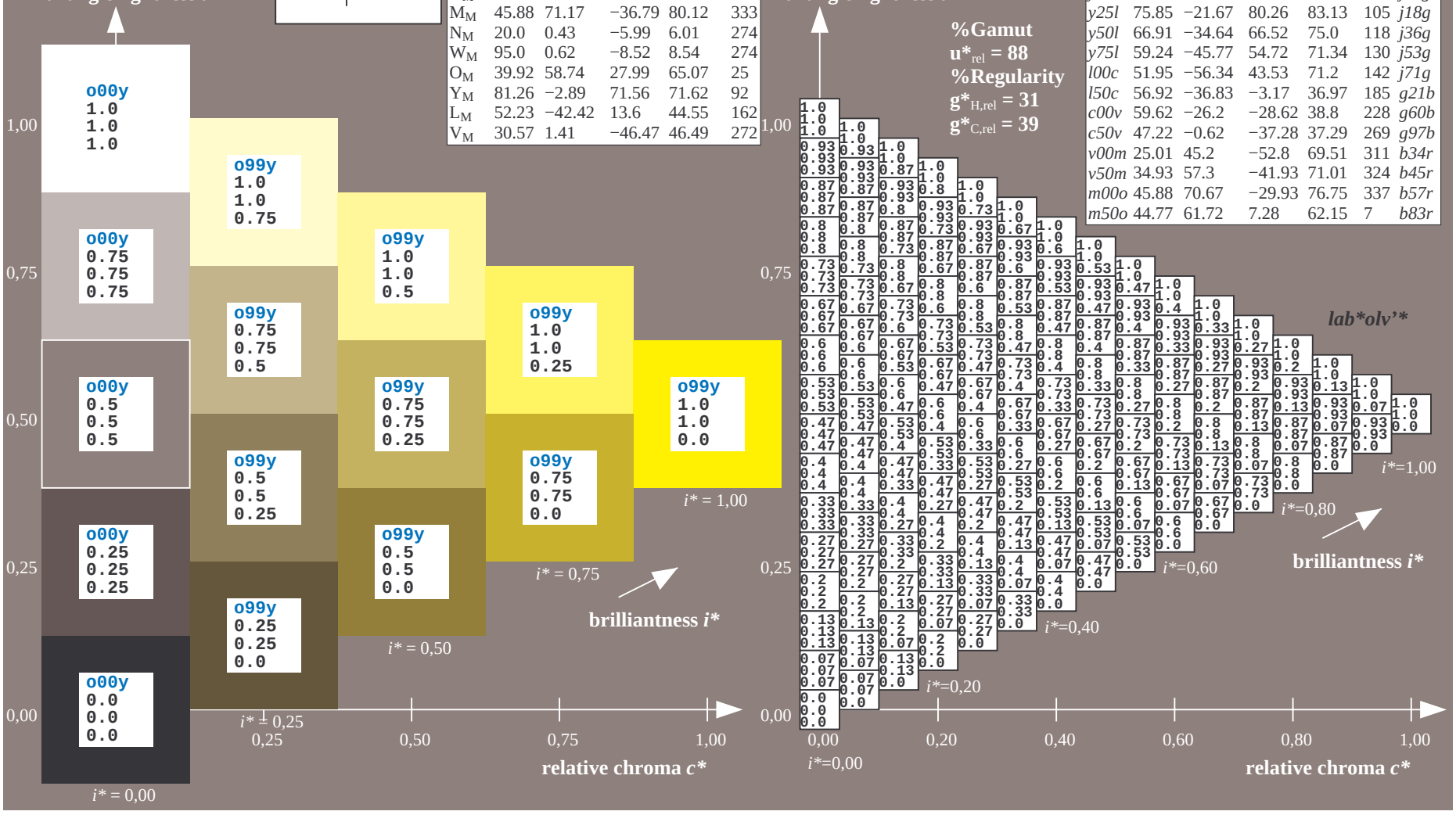
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 88 −5 98
*LAB*LCH**$_{Ma}$: 88 98 92
*lab*olv**$_{Ma}$: 1.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.99 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y00l$
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

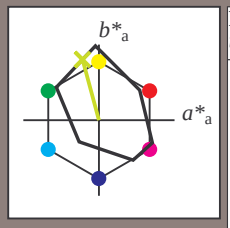


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y25l$ $u^*_e = j18g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

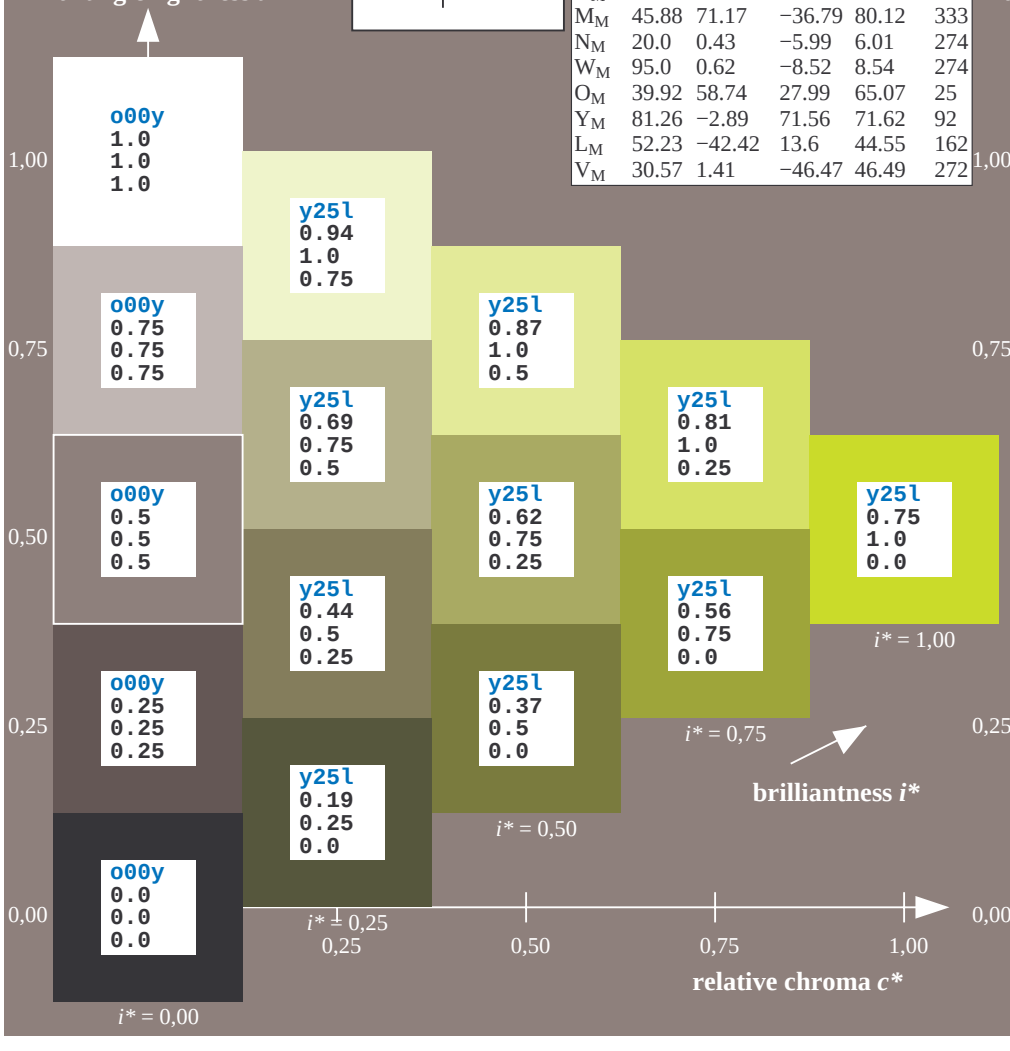
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 76 −22 80
*LAB*LCH**$_{Ma}$: 76 83 105
*lab*olv**$_{Ma}$: 0.75 1.0 0.0
*lab*rgb**$_{Ma}$: 0.82 1.0 0.0
triangle lightness *t**

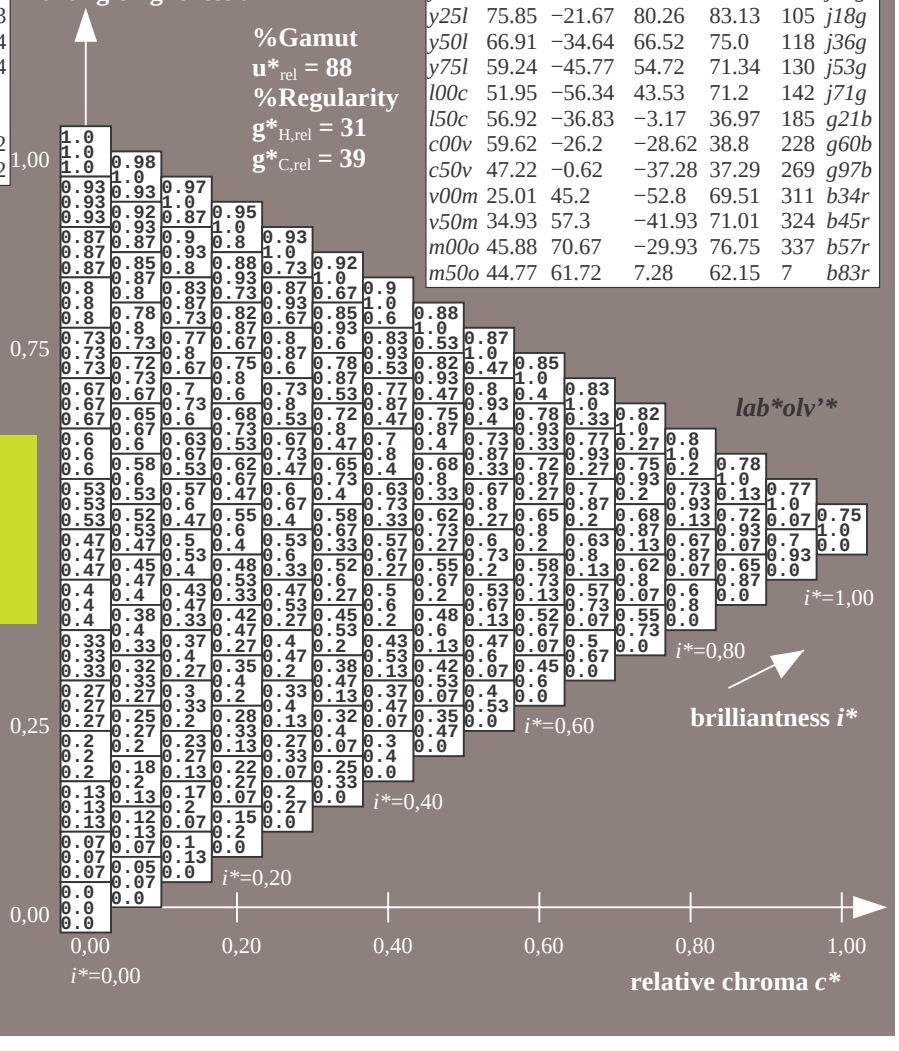
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

$u^*_d = y25l$
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



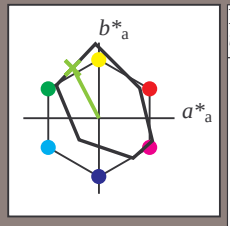


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

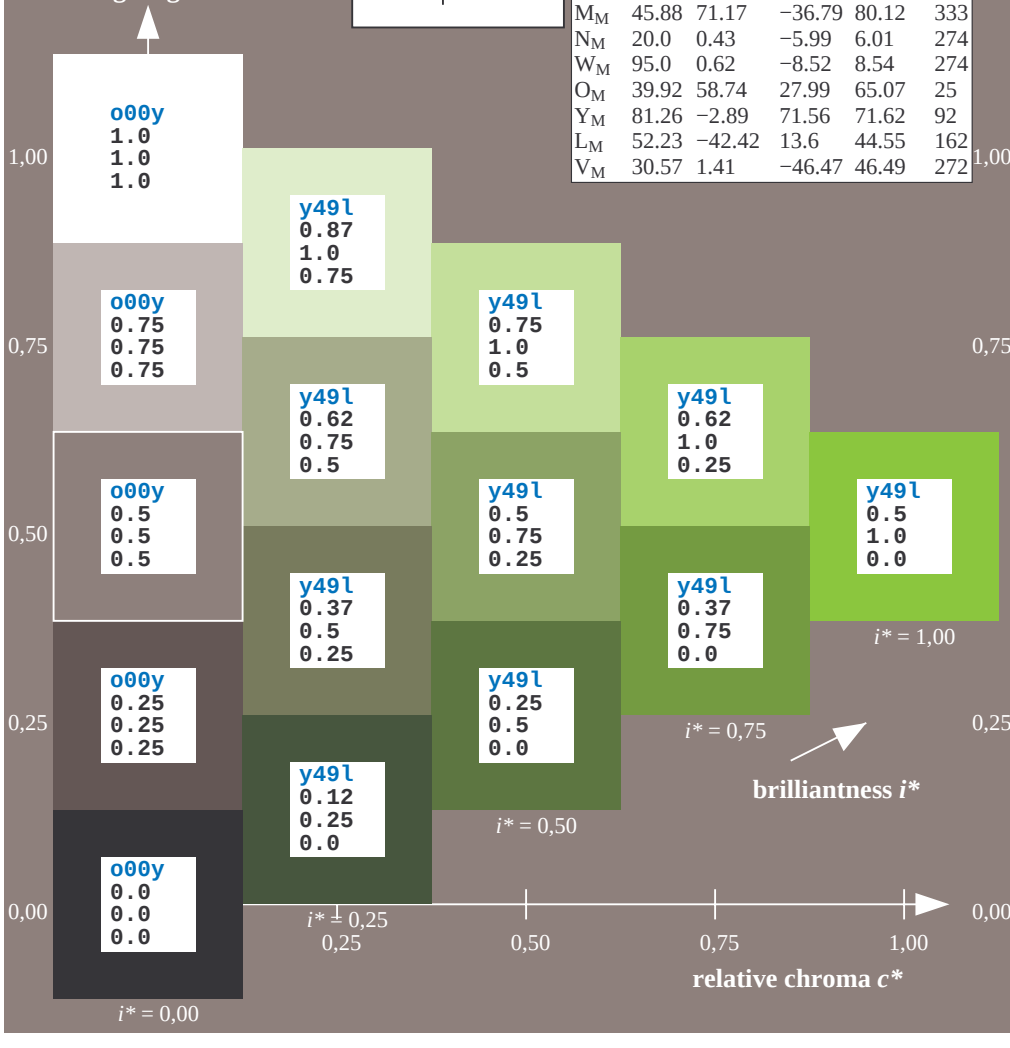
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 67 −35 67**
***LAB*LCH*Ma*: 67 75 117**
***lab*olv*Ma*: 0.5 1.0 0.0**
***lab*rgb*Ma*: 0.64 1.0 0.0**
triangle lightness *t**

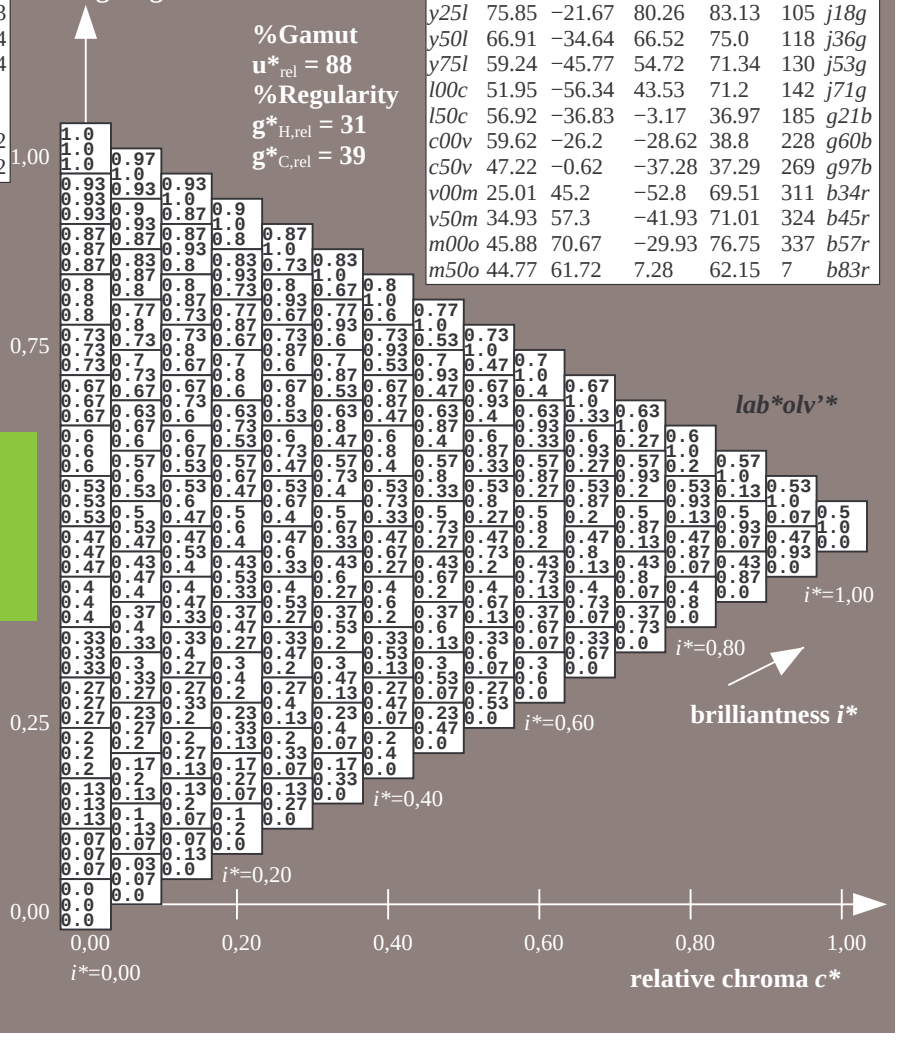
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = y50l$
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



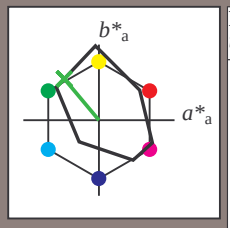


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

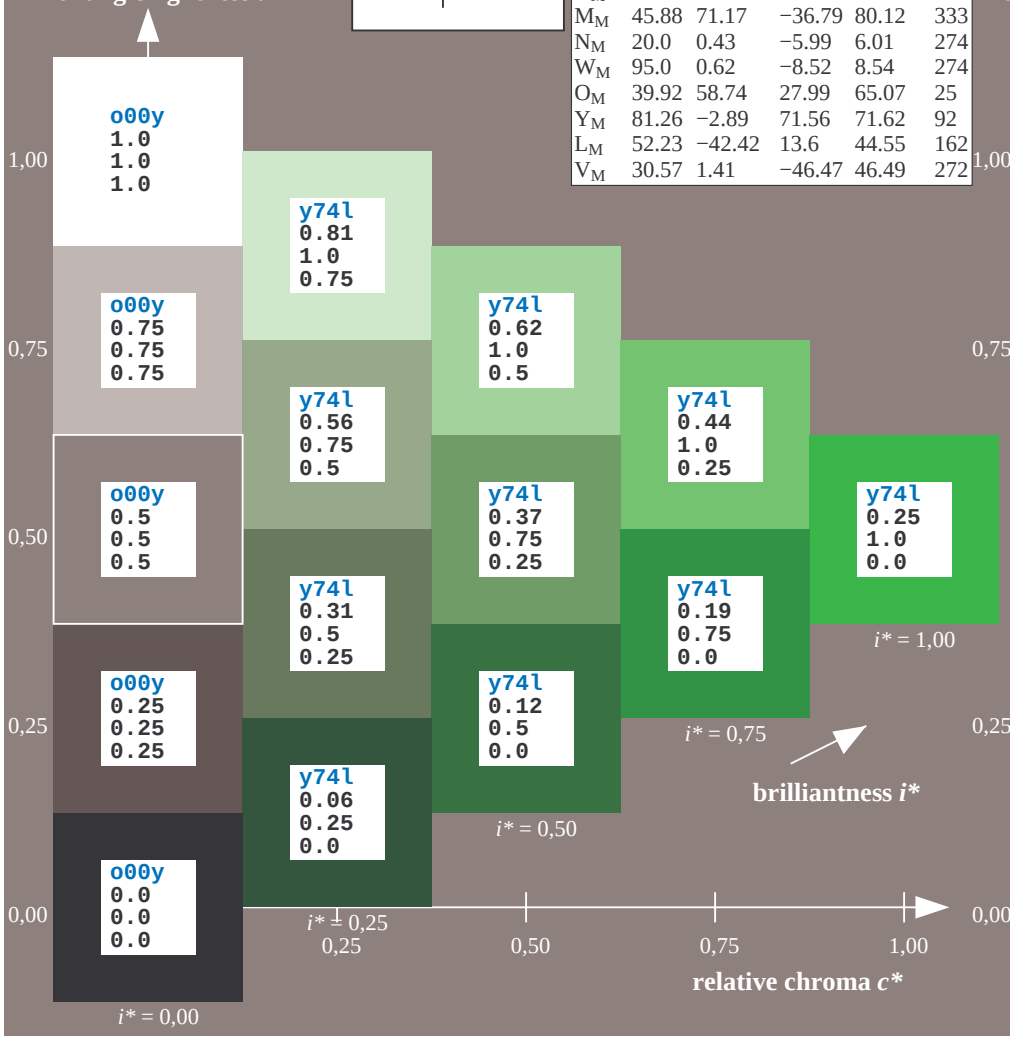
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 59 −46 55
$LAB^*LCH^*_{Ma}$: 59 71 129
$lab^*olv^*_{Ma}$: 0.25 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0
triangle lightness *t**

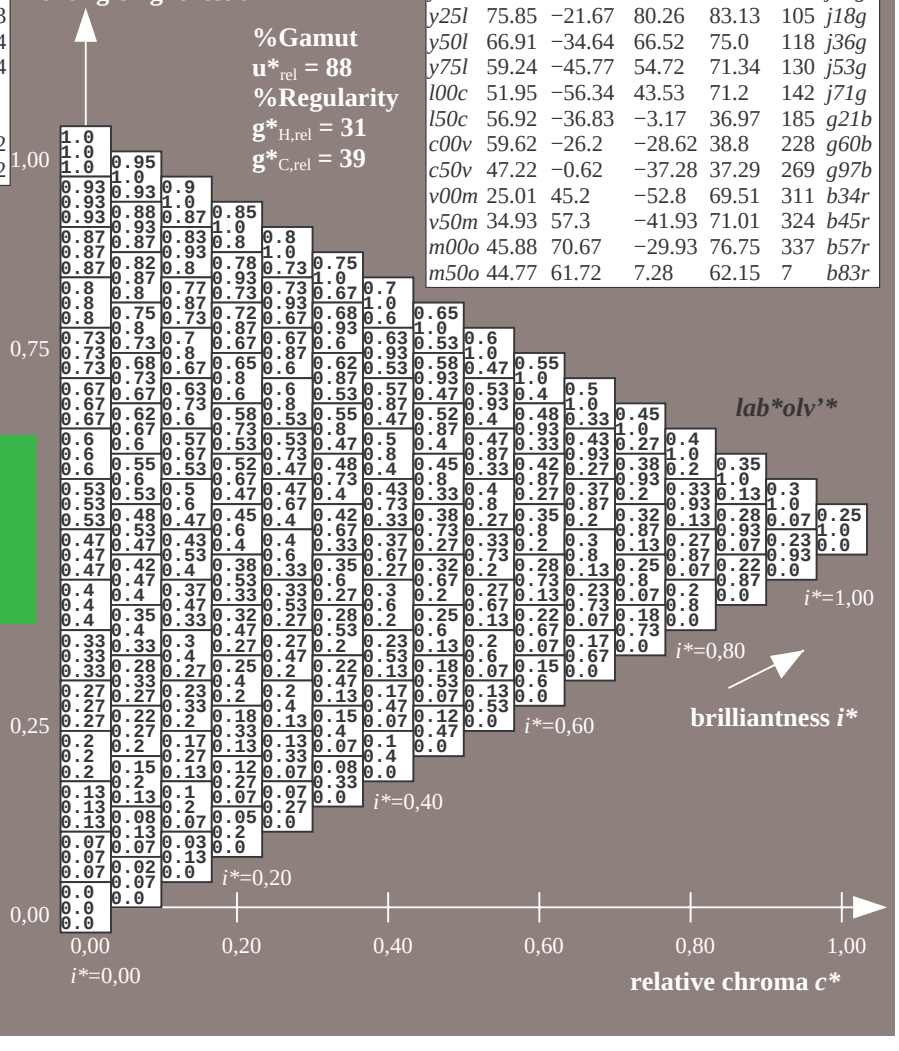
%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

$u^*_d = y75l$
$lab^*olv'^*$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



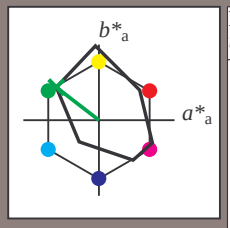


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

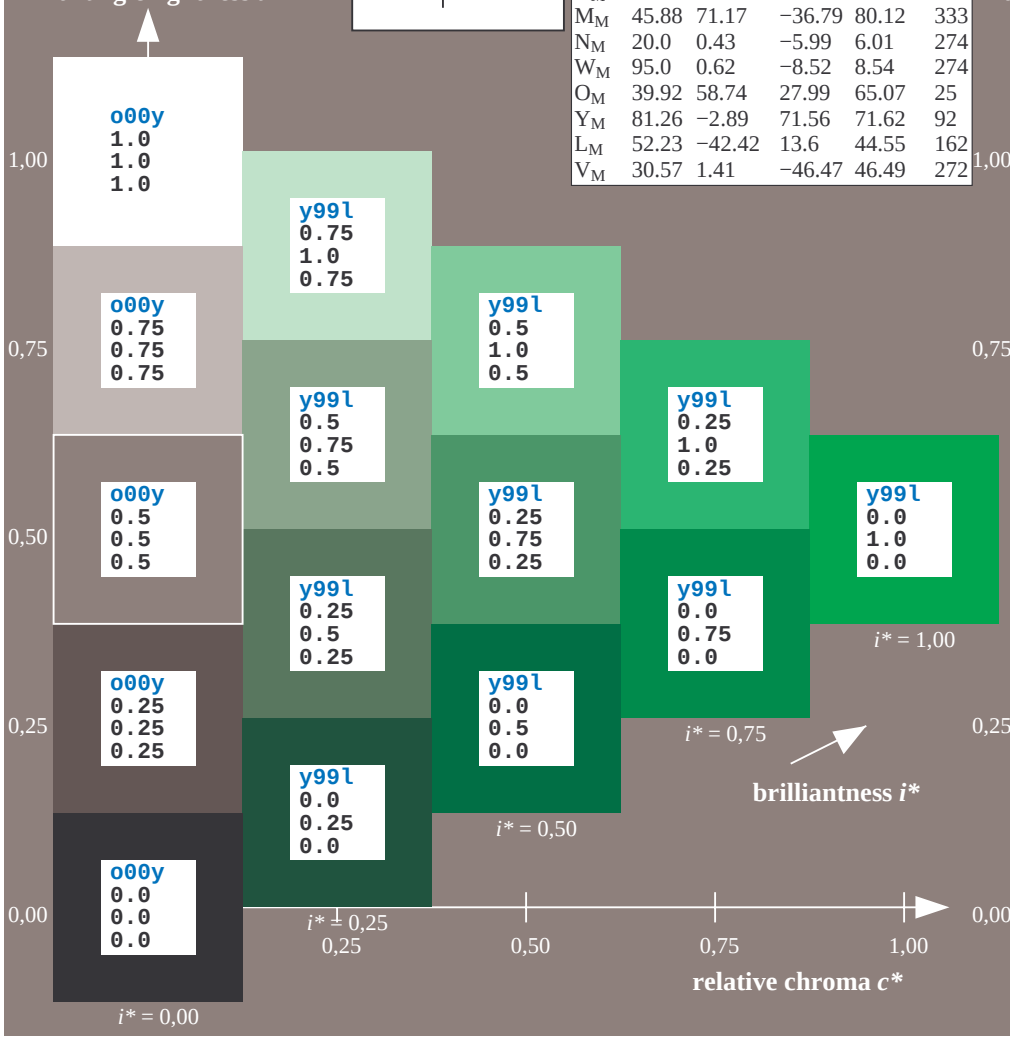
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 52 −56 44**
***LAB*LCH*Ma*: 52 71 142**
***lab*olv*Ma*: 0.0 1.0 0.0**
***lab*rgb*Ma*: 0.28 1.0 0.0**
triangle lightness *t**

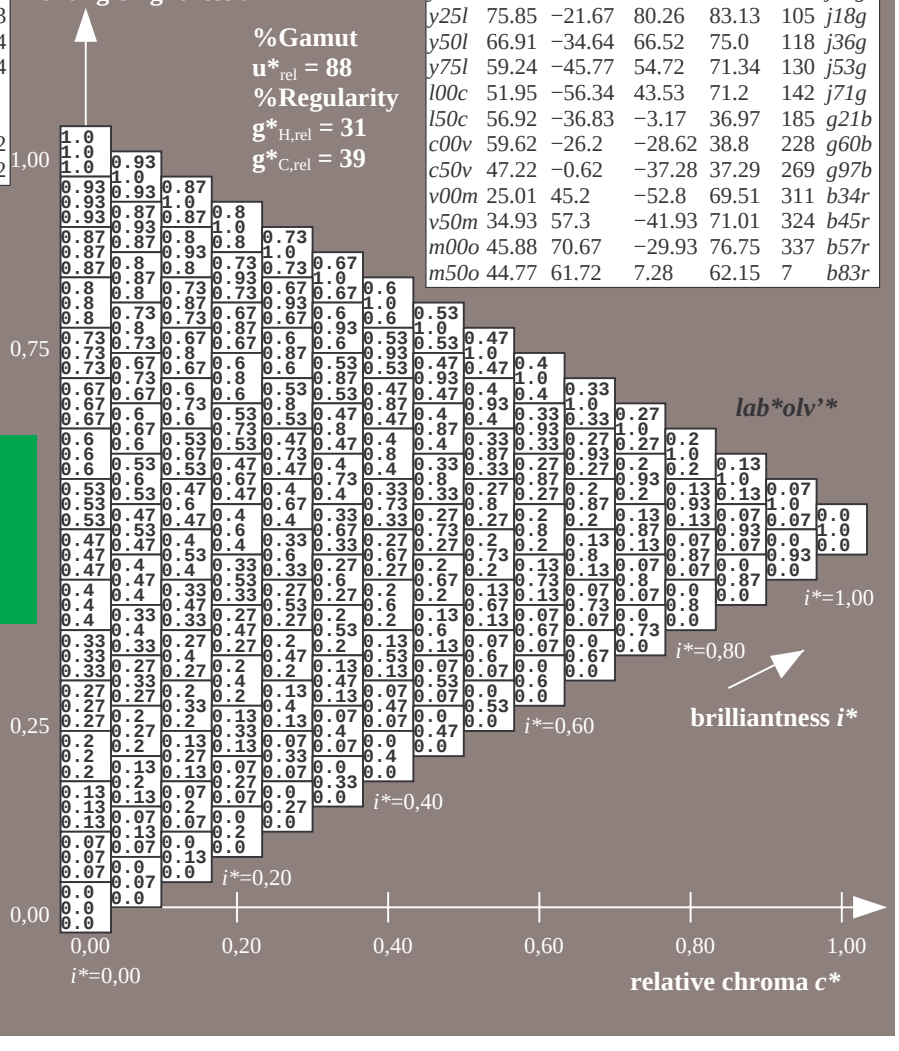
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = l00c$
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



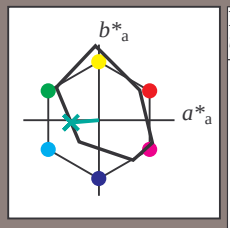


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

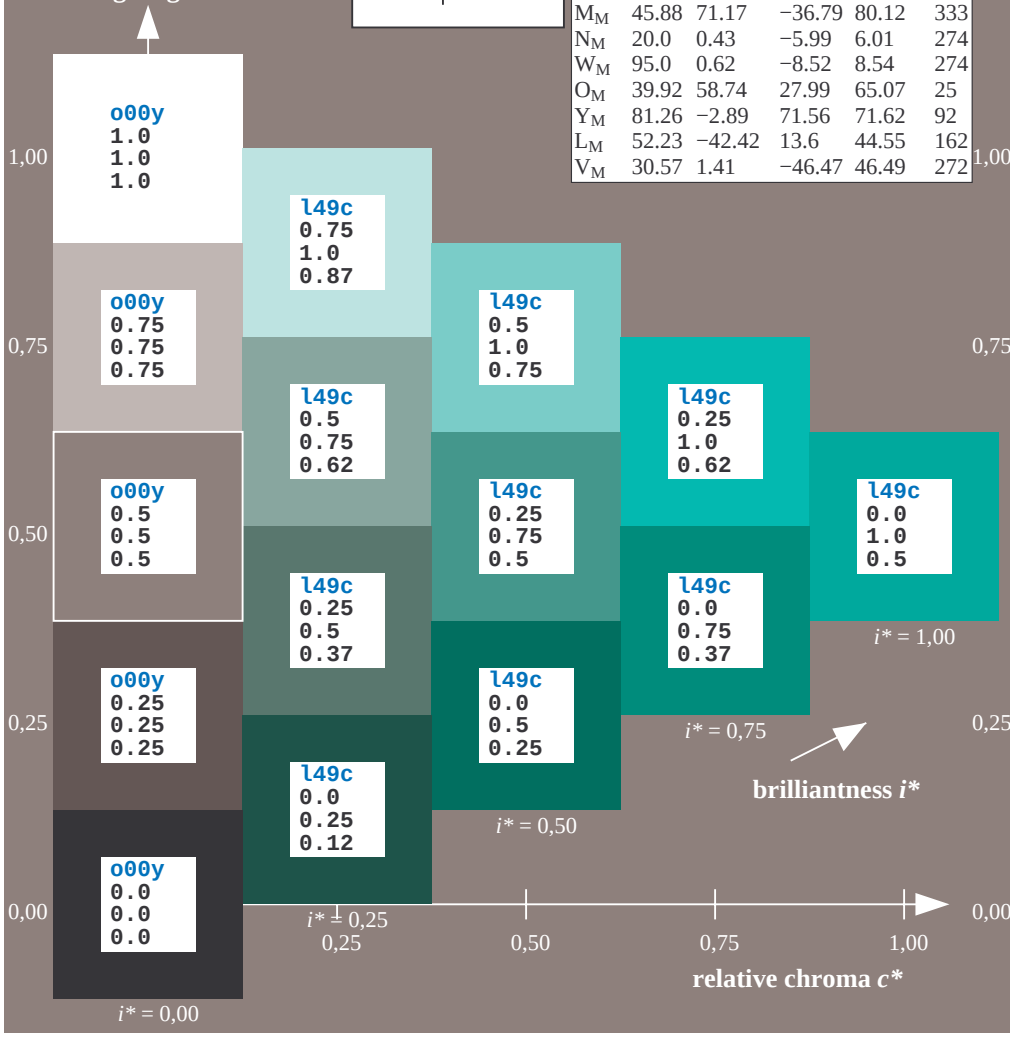
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 57 −37 −3**
***LAB*LCH*Ma*: 57 37 184**
***lab*olv*Ma*: 0.0 1.0 0.5**
***lab*rgb*Ma*: 0.0 1.0 0.41**
triangle lightness *t**

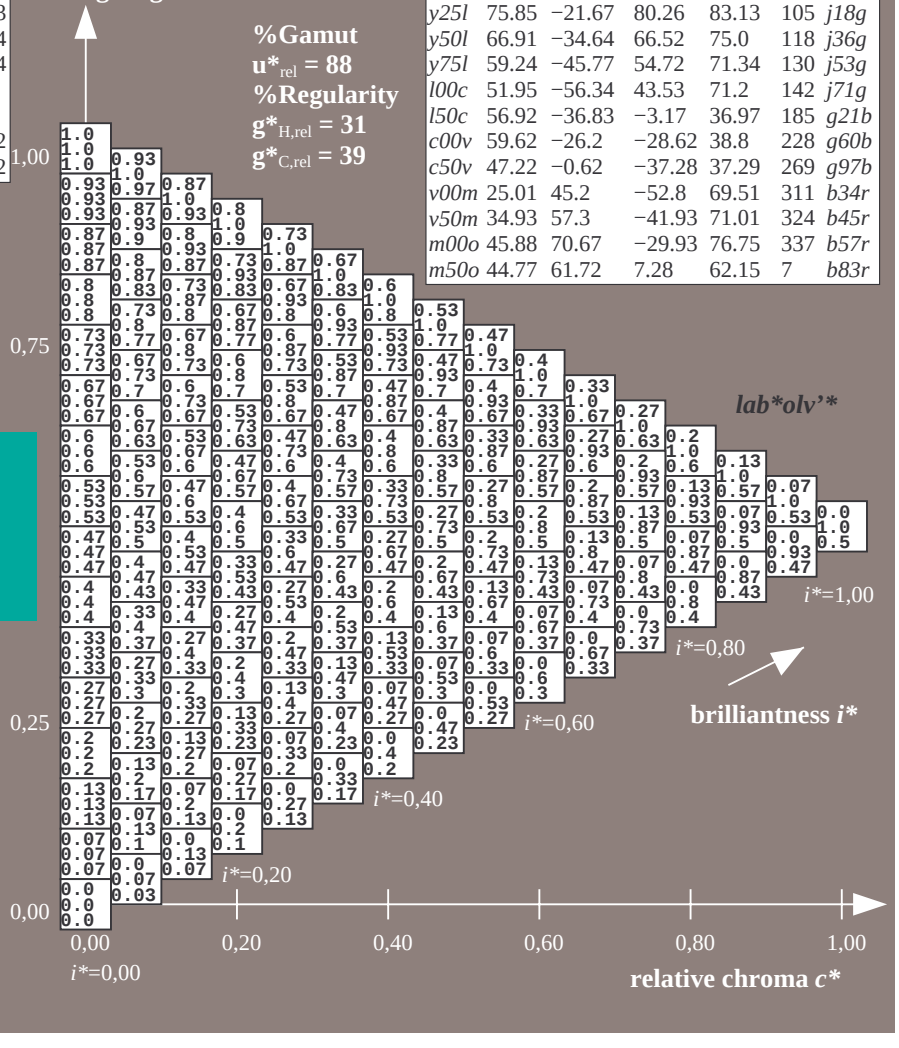
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = l50c$
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

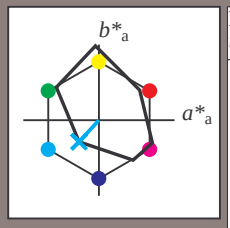




See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

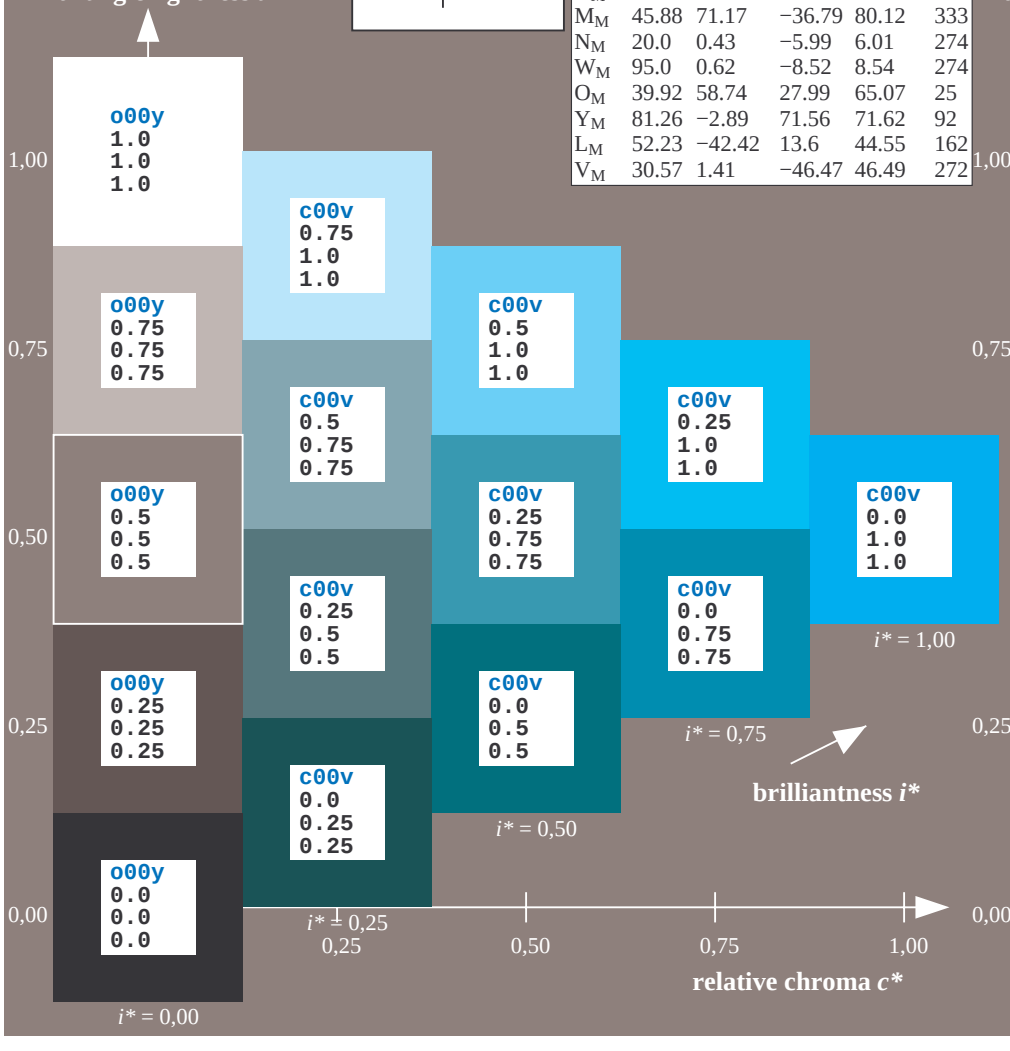
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 60 −26 −29**
***LAB*LCH*Ma*: 60 39 227**
***lab*olv*Ma*: 0.0 1.0 1.0**
***lab*rgb*Ma*: 0.0 0.81 1.0**
triangle lightness *t**

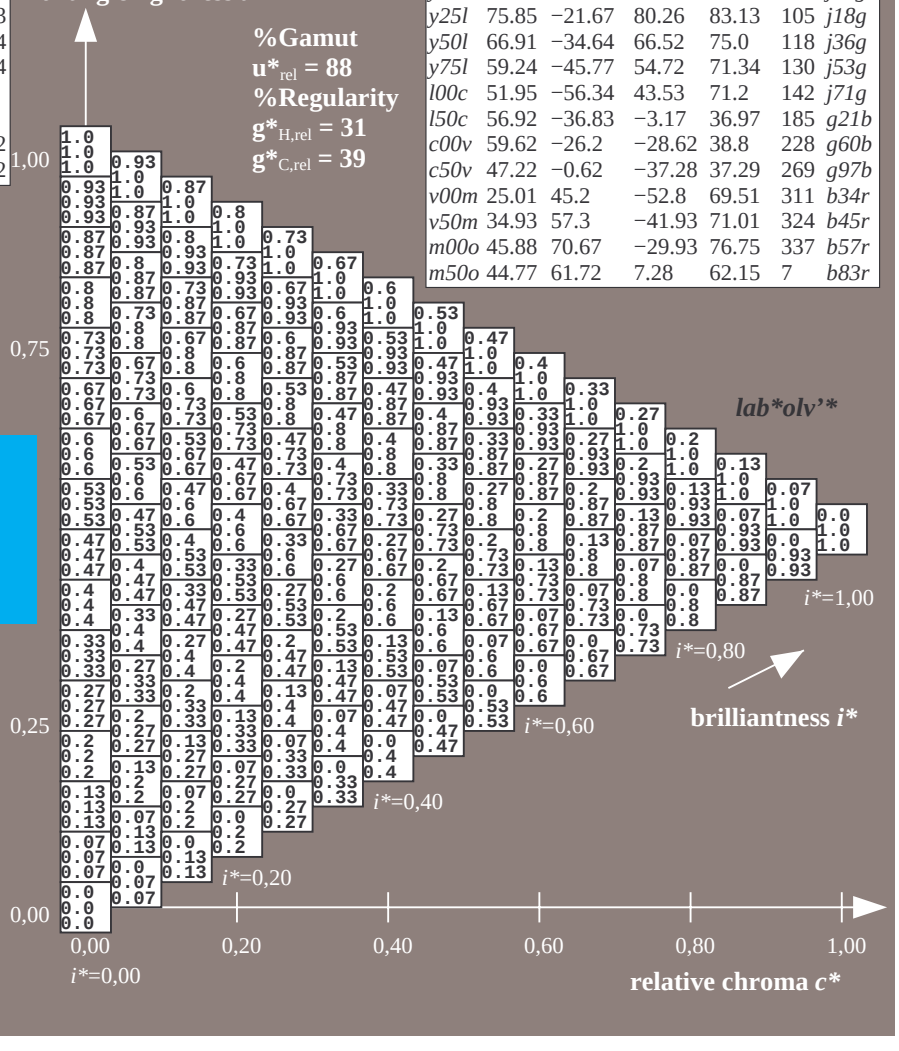
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

$u^*_d = c00v$
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





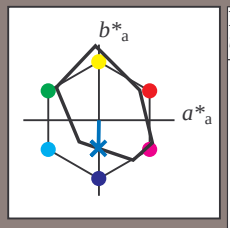
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

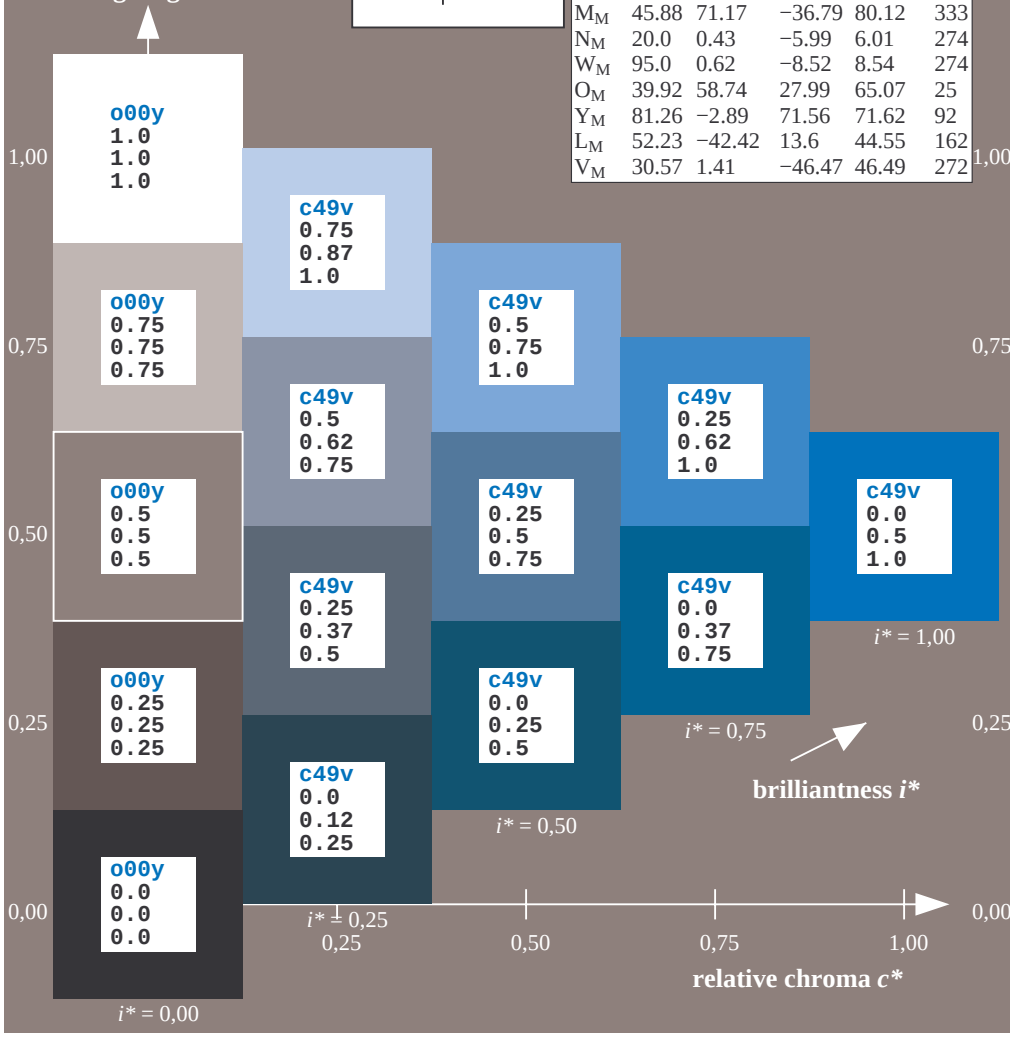
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

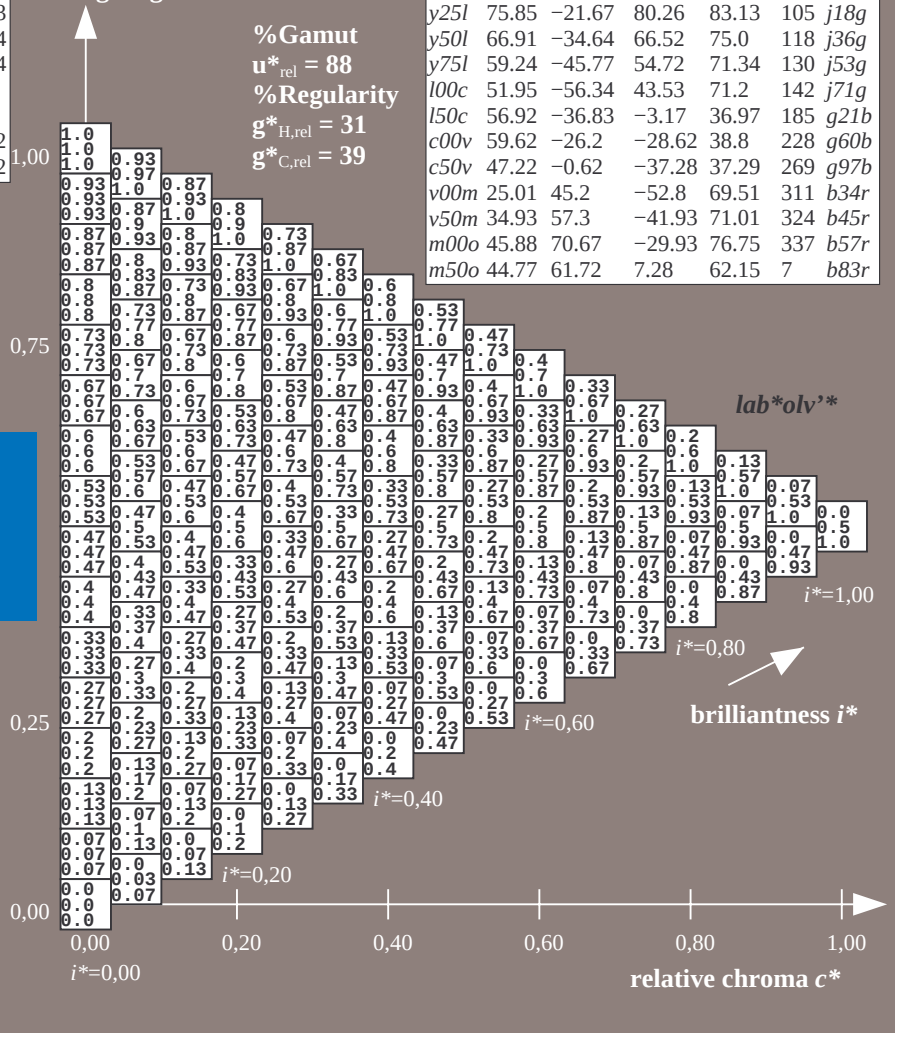
Data for maximum colour (Ma):
***LAB*LAB*Ma*: 47 −1 −37**
***LAB*LCH*Ma*: 47 37 269**
***lab*olv*Ma*: 0.0 0.5 1.0**
***lab*rgb*Ma*: 0.0 0.05 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



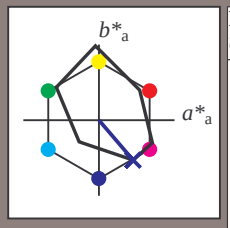


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v00m* u^*_e = *b34r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

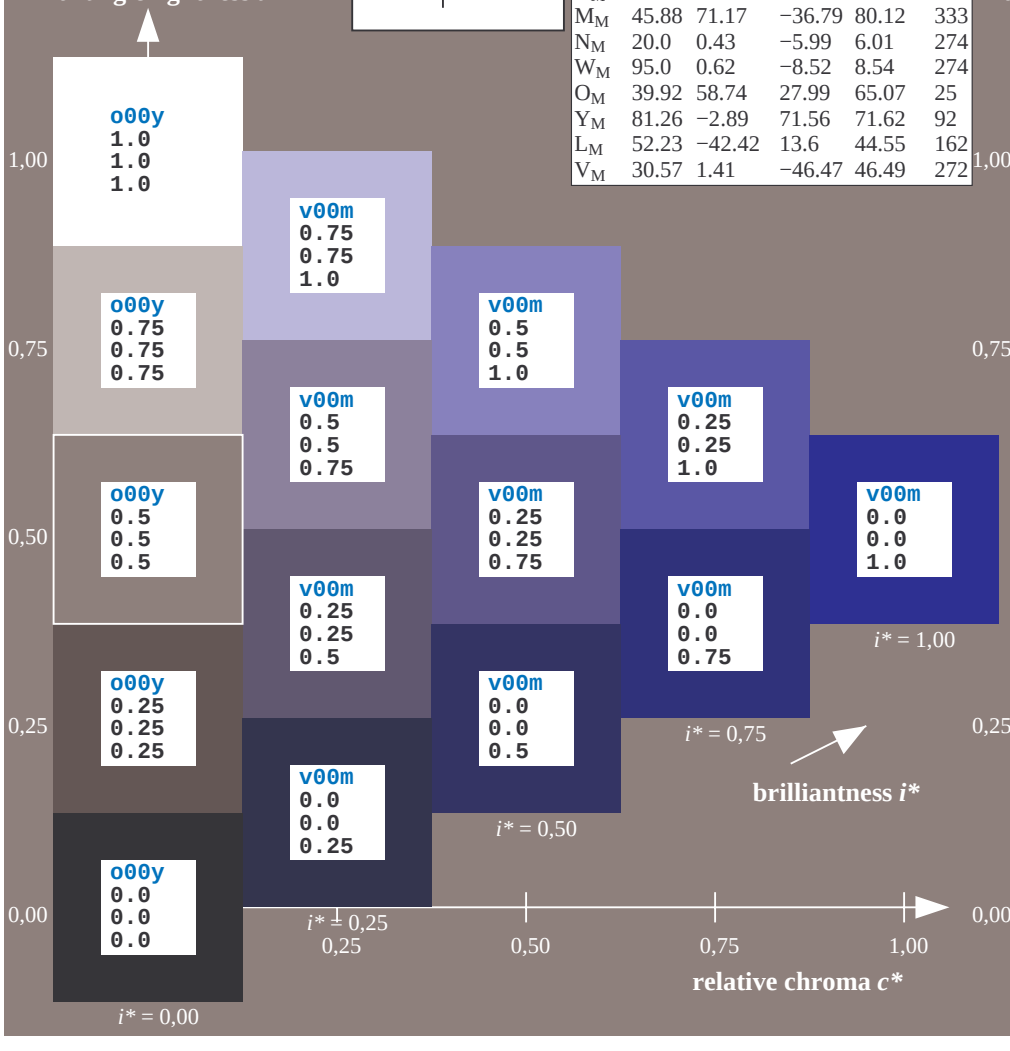
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 25 45 −53
*LAB*LCH**$_{Ma}$: 25 70 310
*lab*olv**$_{Ma}$: 0.0 0.0 1.0
*lab*rgb**$_{Ma}$: 0.68 0.0 1.0
triangle lightness *t**

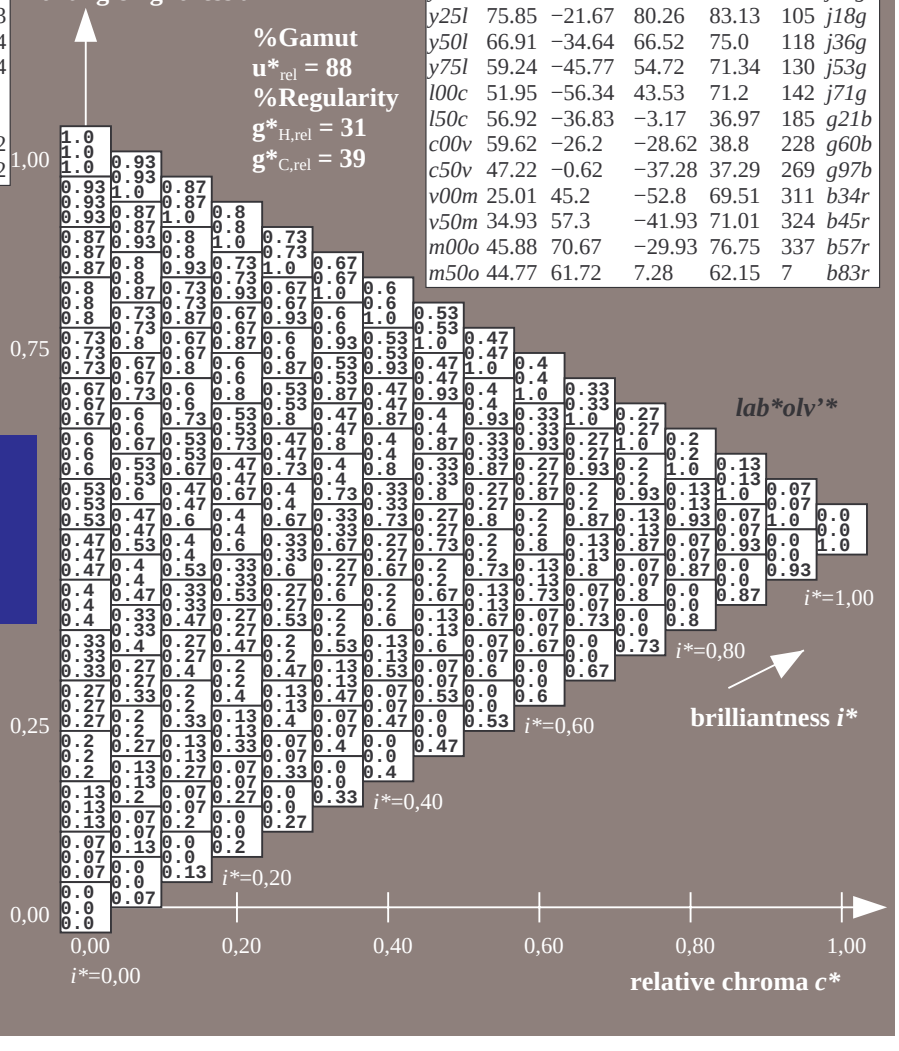
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *v00m*
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



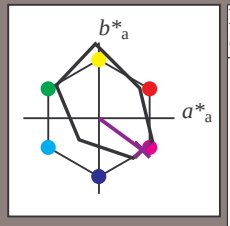


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *v50m* u^*_e = *b45r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

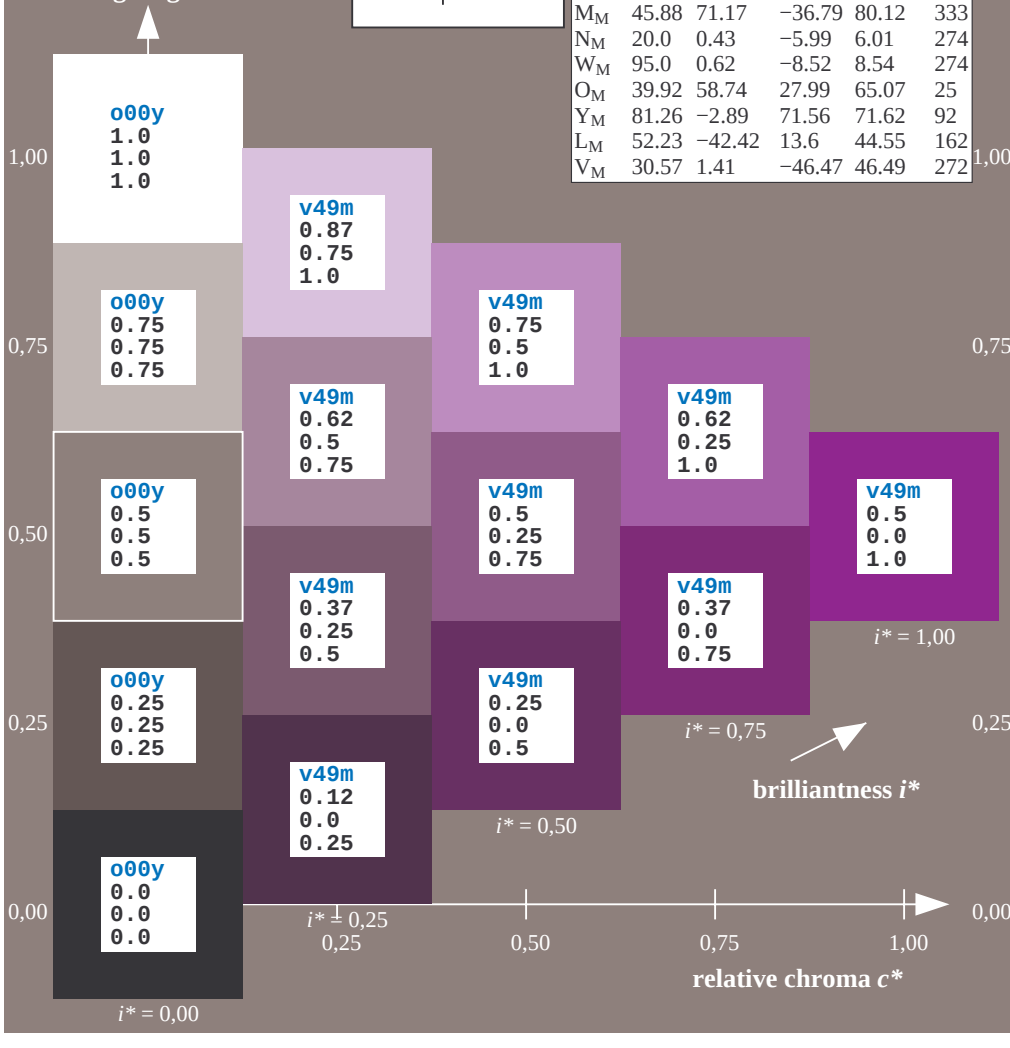
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 35 57 −42
*LAB*LCH**$_{Ma}$: 35 71 323
*lab*olv**$_{Ma}$: 0.5 0.0 1.0
*lab*rgb**$_{Ma}$: 0.92 0.0 1.0
triangle lightness *t**

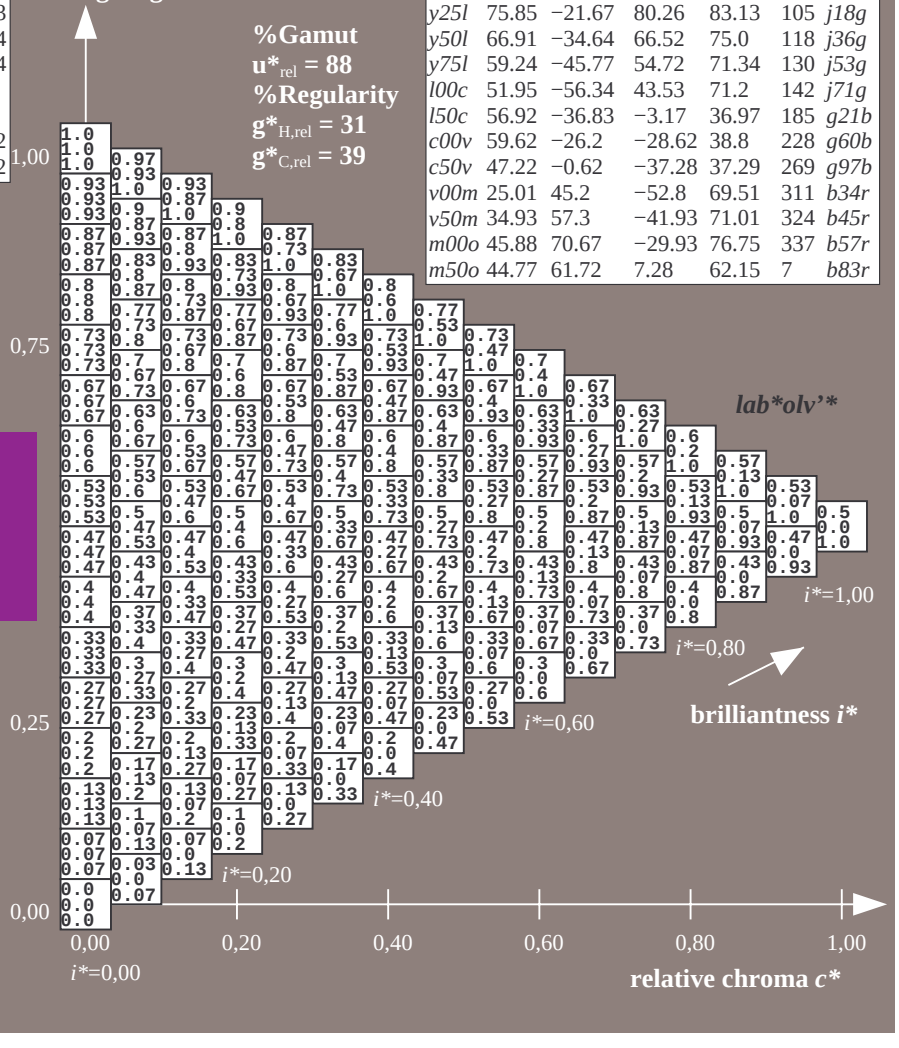
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *v50m*
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





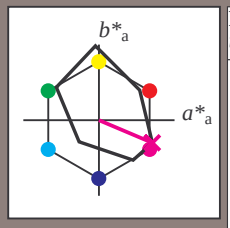
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

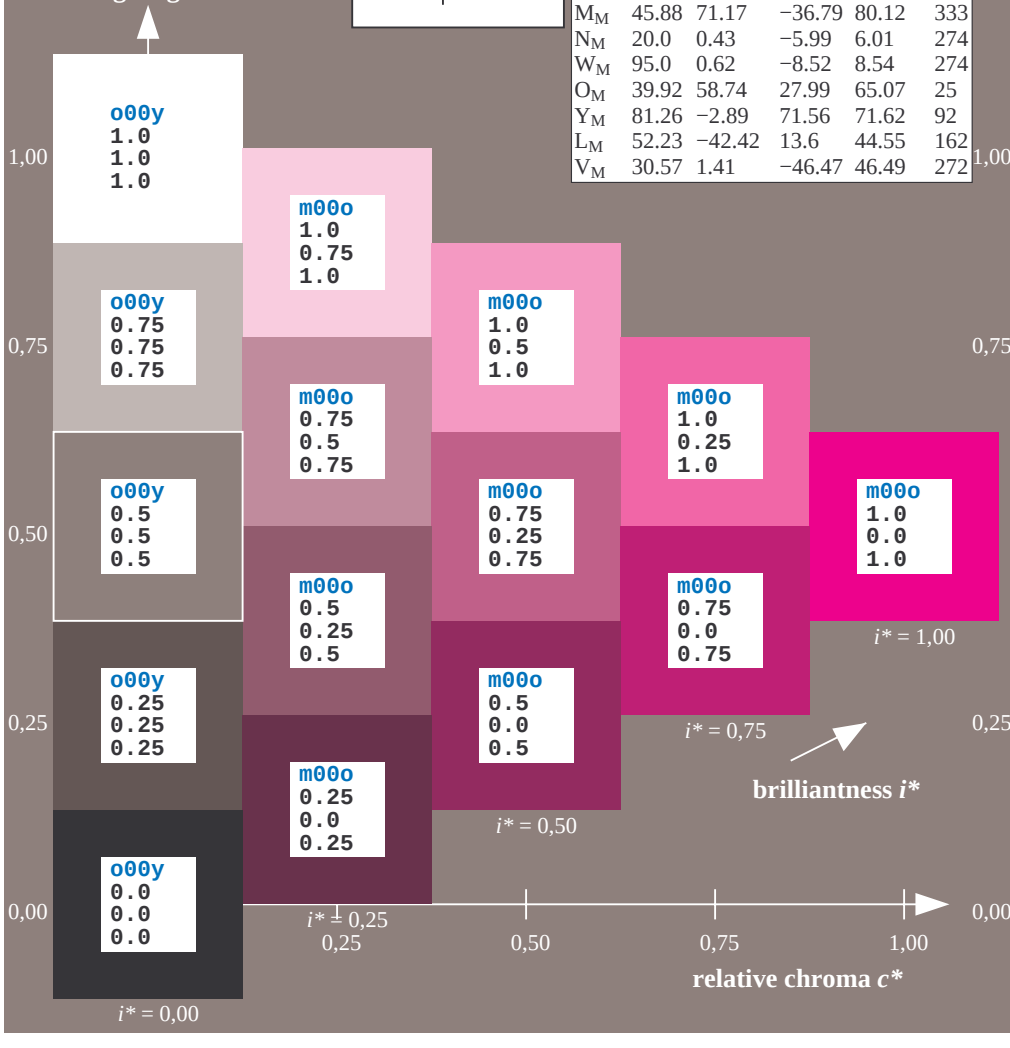
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

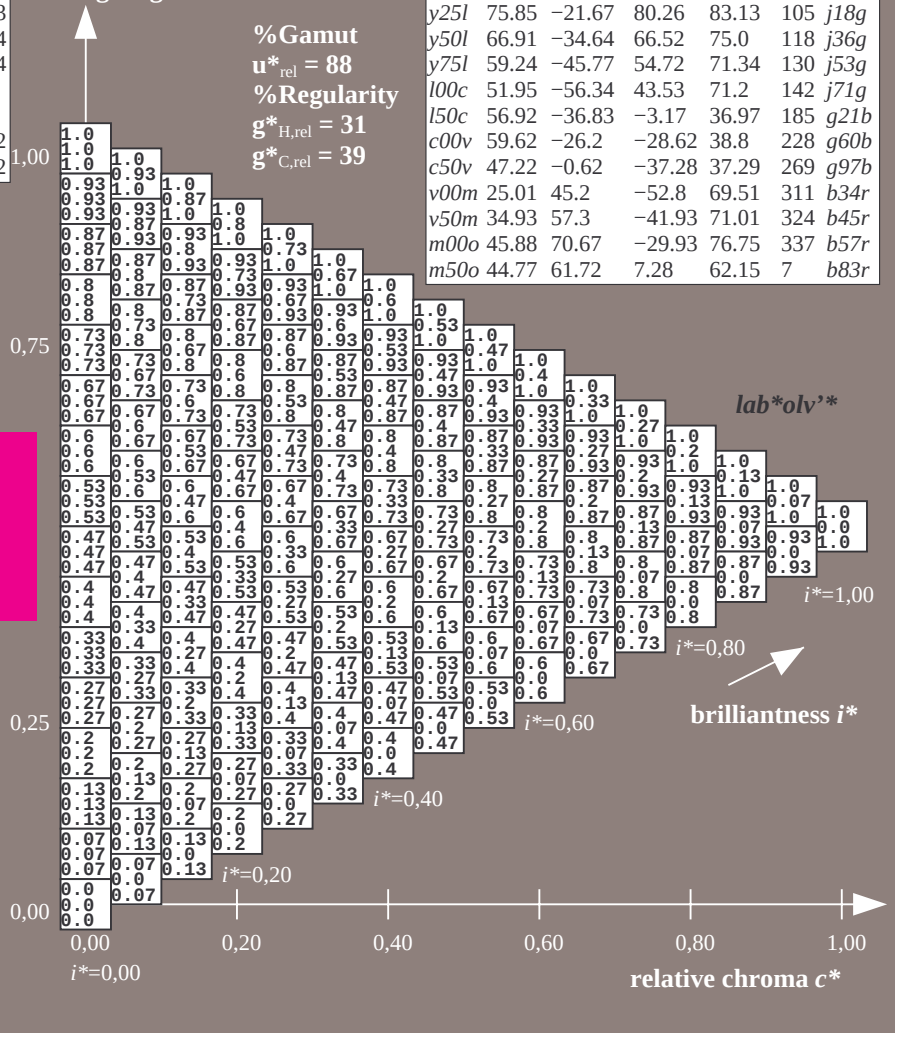
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 46 71 −30
$LAB^*LCH^*_{Ma}$: 46 77 337
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



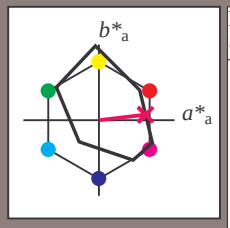


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b83r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

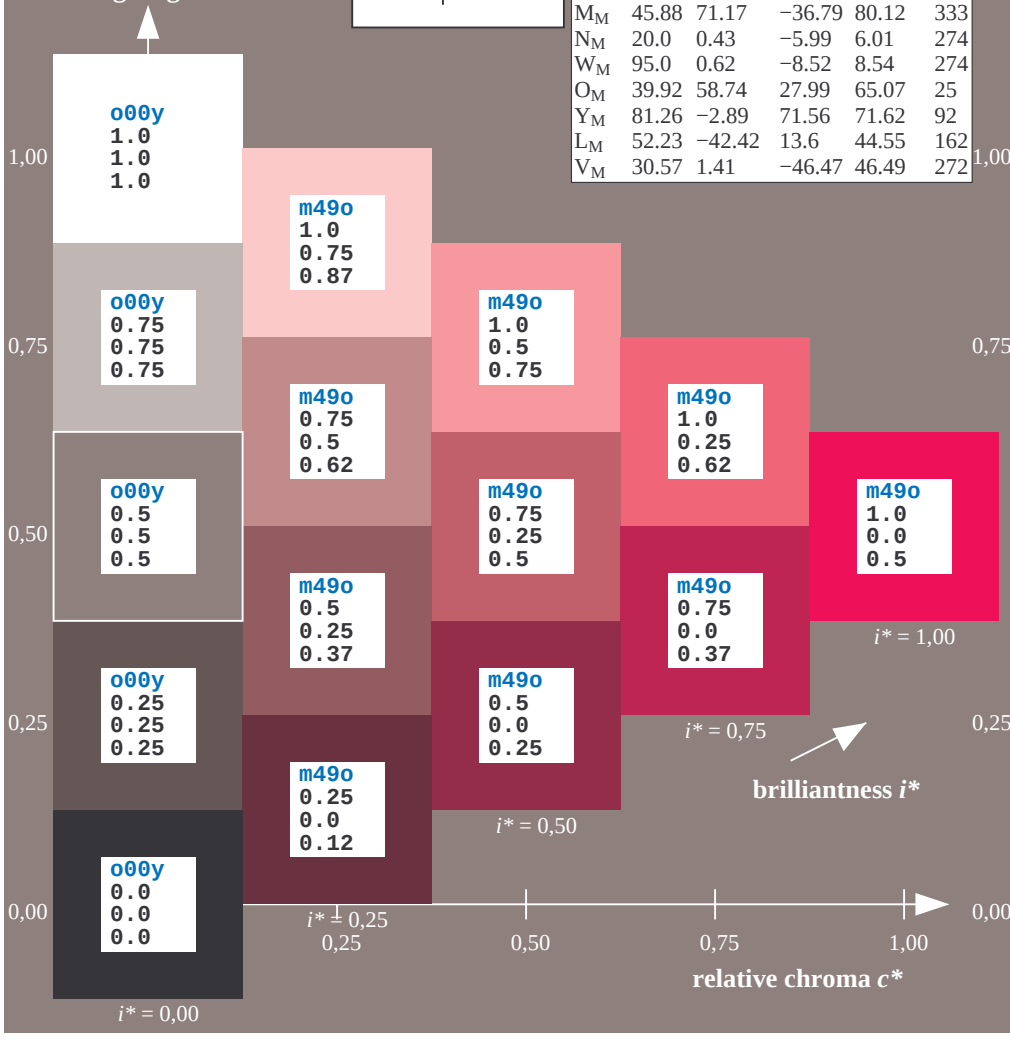
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 45 62 7
*LAB*LCH**$_{Ma}$: 45 62 6
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.33
triangle lightness *t**

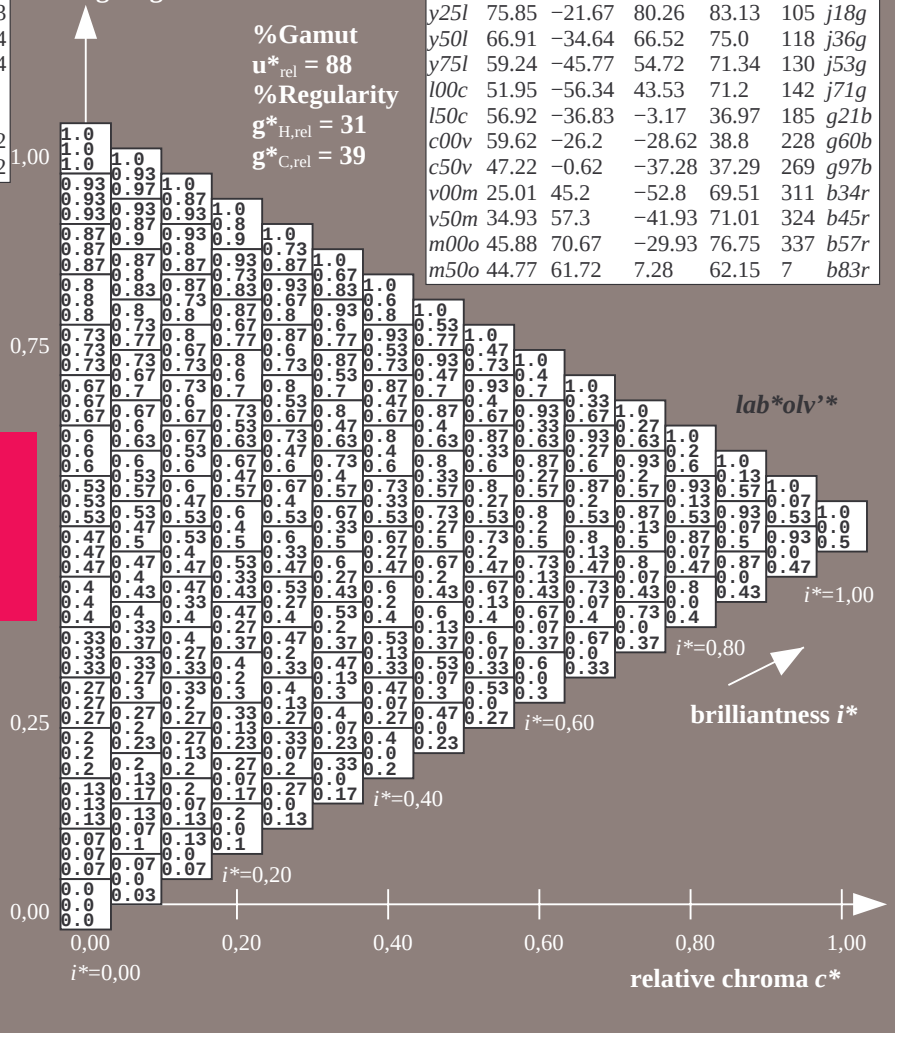
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *m50o*
*lab*olv'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
01	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
02	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
03	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
04	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
05	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
06	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
07	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
08	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
09	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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

	a	b	c	d	e	f	g	h	i	j	k	lab*olv'*		
01	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	0.25 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	0.25 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	0.25 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	0.25 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	0.25 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	0.25 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	0.25 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	0.25 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	0.62 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	0.62 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	0.62 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	0.62 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	0.62 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	0.63 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	0.63 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	0.63 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	0.63 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	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	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	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	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	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	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	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	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	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

BAM-test chart Fe63; Relative Device Colour System
D65: colour scales and 9 data tables for 16 hues *o00y* to *m50o*

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

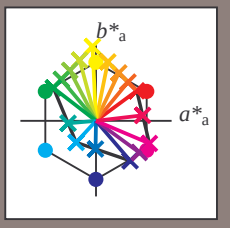
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS
application for evaluation and measurement of printer or monitor systems
BAM material: code=rha4ta

Input and output:
Colorimetric Printer Reflective System FRS12_95a
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 = 0.9

FRS12_95a; adapted (a) CIELAB data

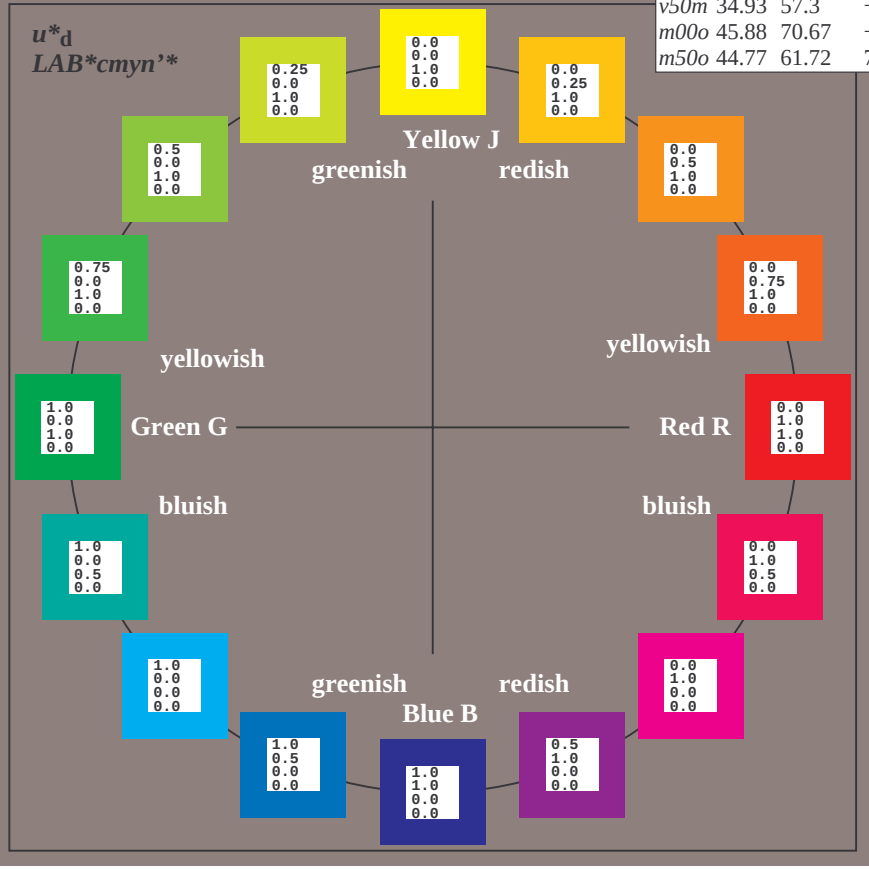
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

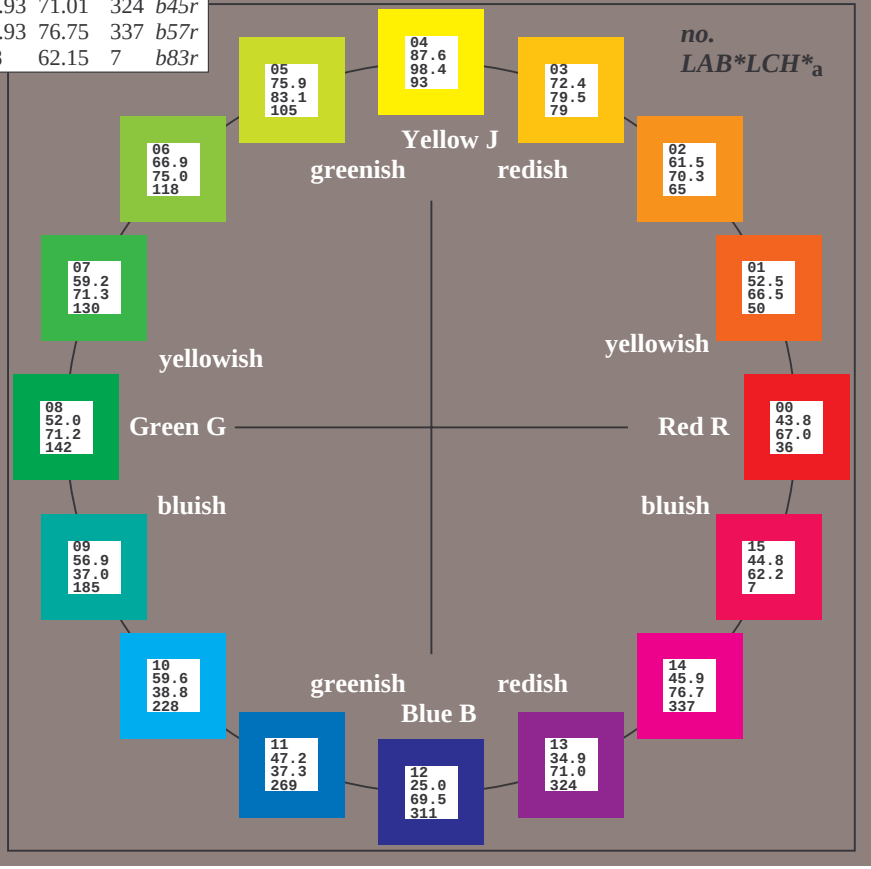


%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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





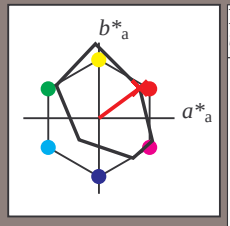
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

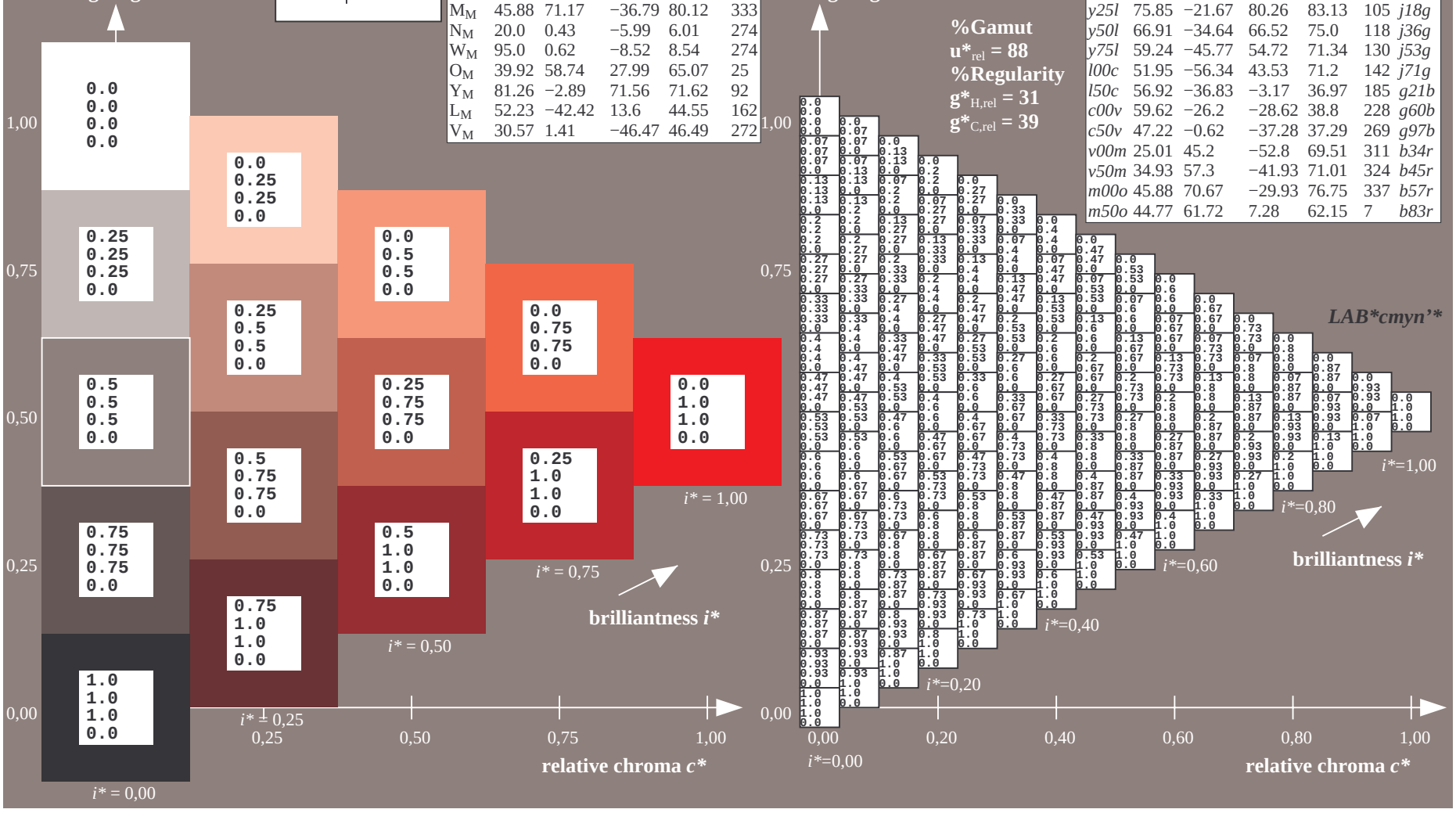
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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 54 40**
***LAB*LCH**$_{Ma}$: 44 67 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} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

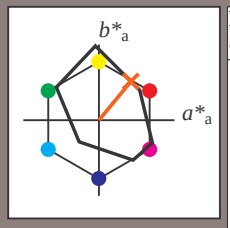


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *o25y* u^*_e = *r37j*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

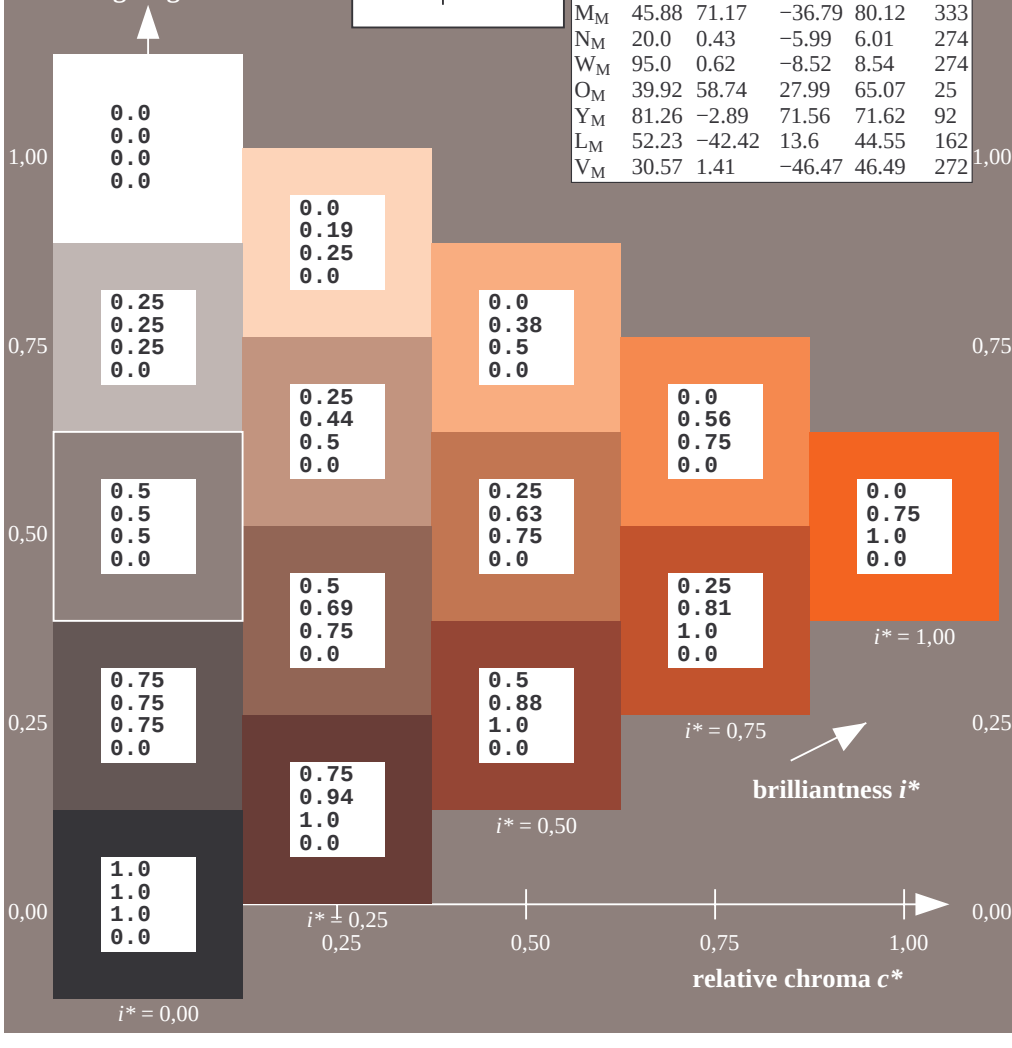
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 42 51
*LAB*LCH**$_{Ma}$: 52 67 50
*lab*olv**$_{Ma}$: 1.0 0.25 0.0
*lab*rgb**$_{Ma}$: 1.0 0.37 0.0
triangle lightness *t**

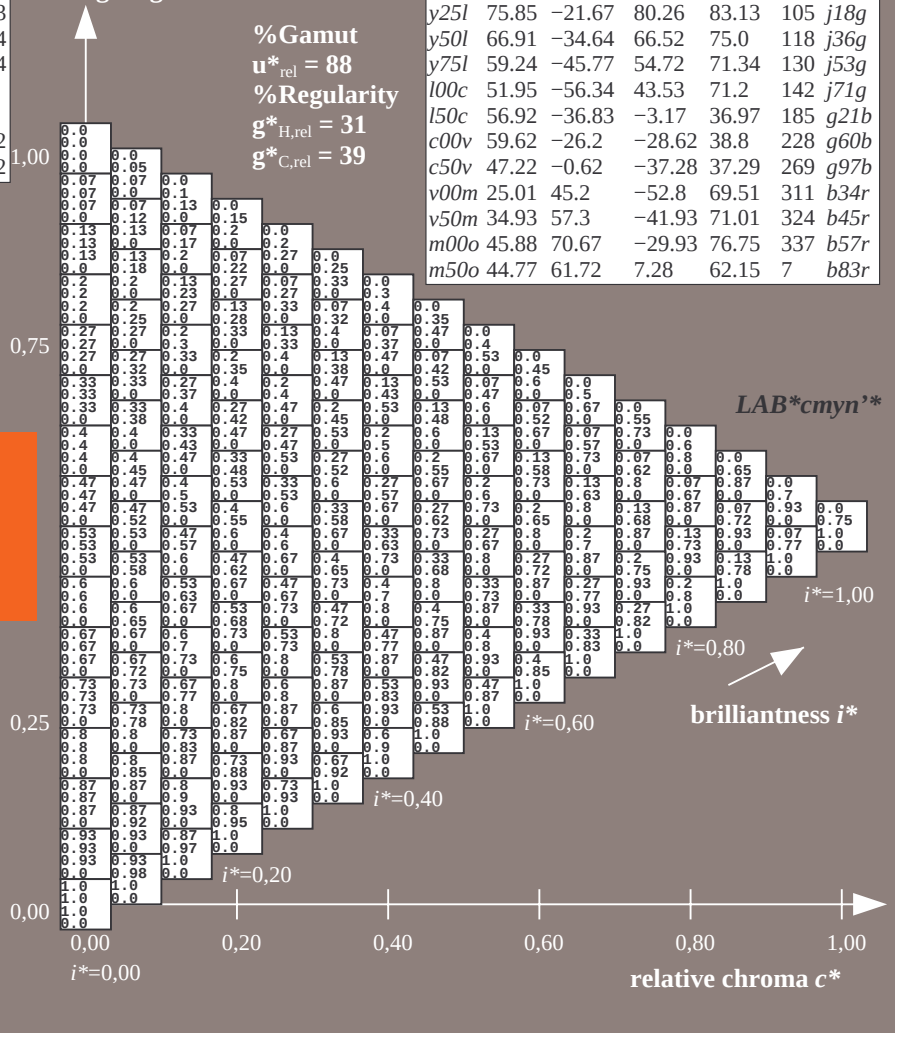
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *o25y*
*LAB*cmyn'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





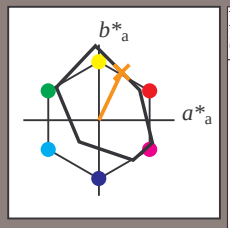
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

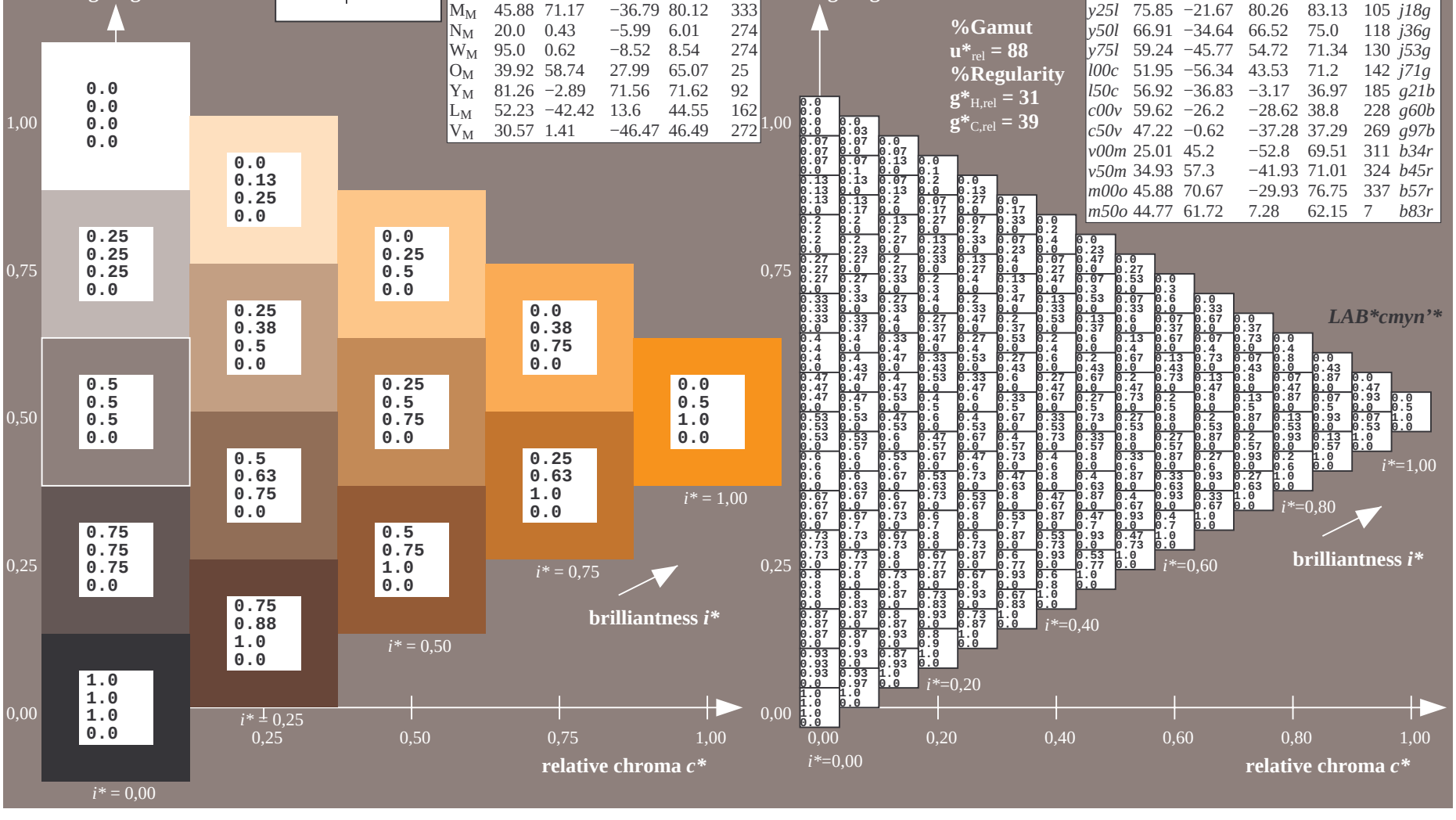
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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*: 62 30 63**
***LAB*LCH*Ma*: 62 70 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} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



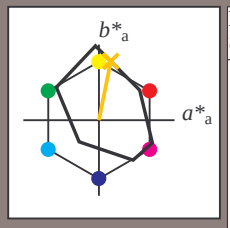
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

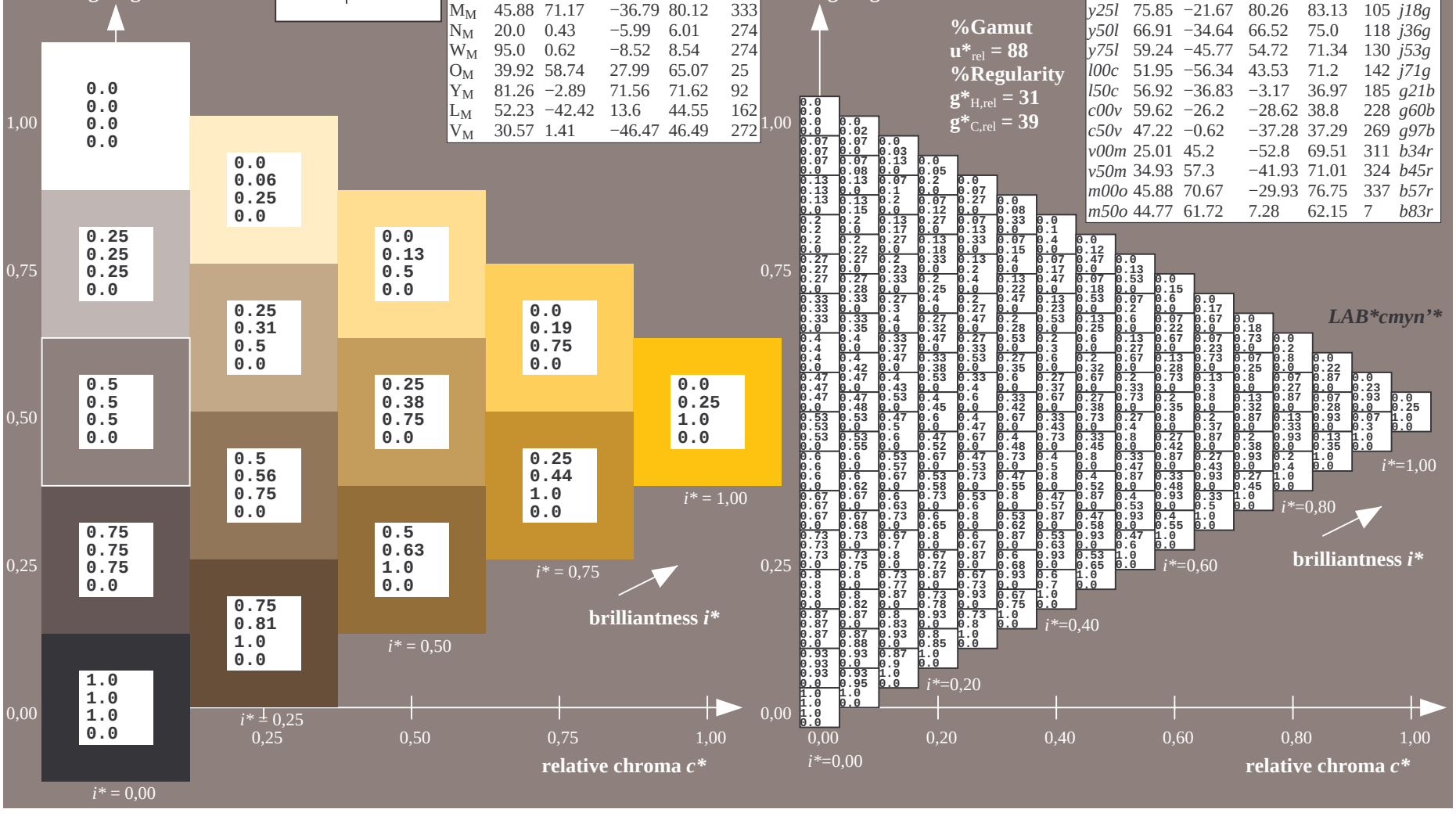
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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**$_{Ma}$: 72 16 78
*LAB*LCH**$_{Ma}$: 72 80 78
*lab*olv**$_{Ma}$: 1.0 0.75 0.0
*lab*rgb**$_{Ma}$: 1.0 0.8 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

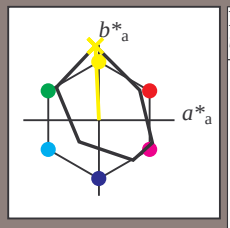


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *y00l* u^*_e = *j01g*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

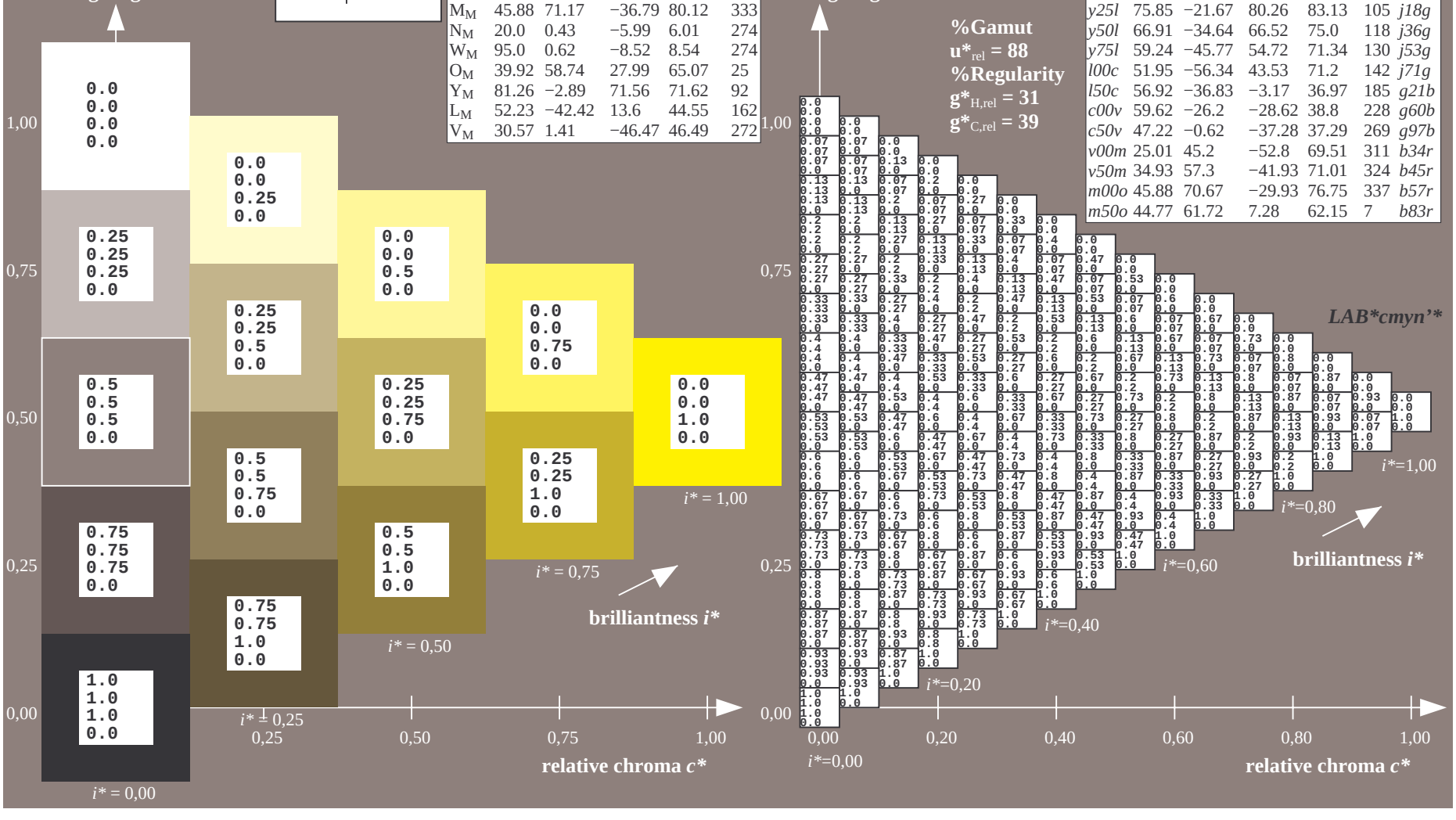
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 88 −5 98**
***LAB*LCH**$_{Ma}$: 88 98 92**
***lab*olv**$_{Ma}$: 1.0 1.0 0.0**
***lab*rgb**$_{Ma}$: 0.99 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *y00l*
*LAB*cmyn'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



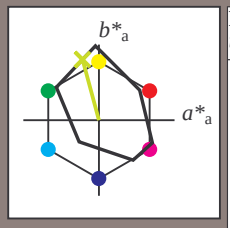
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; CIELAB data

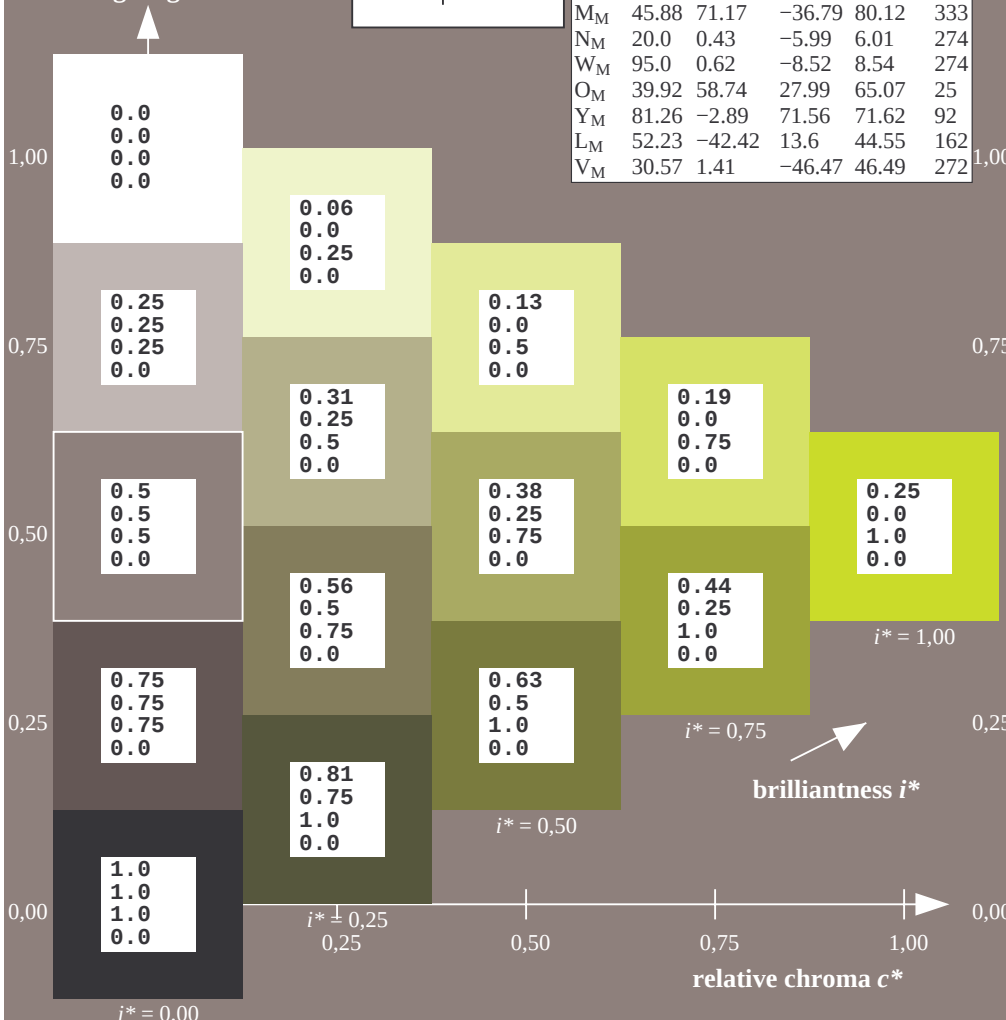
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

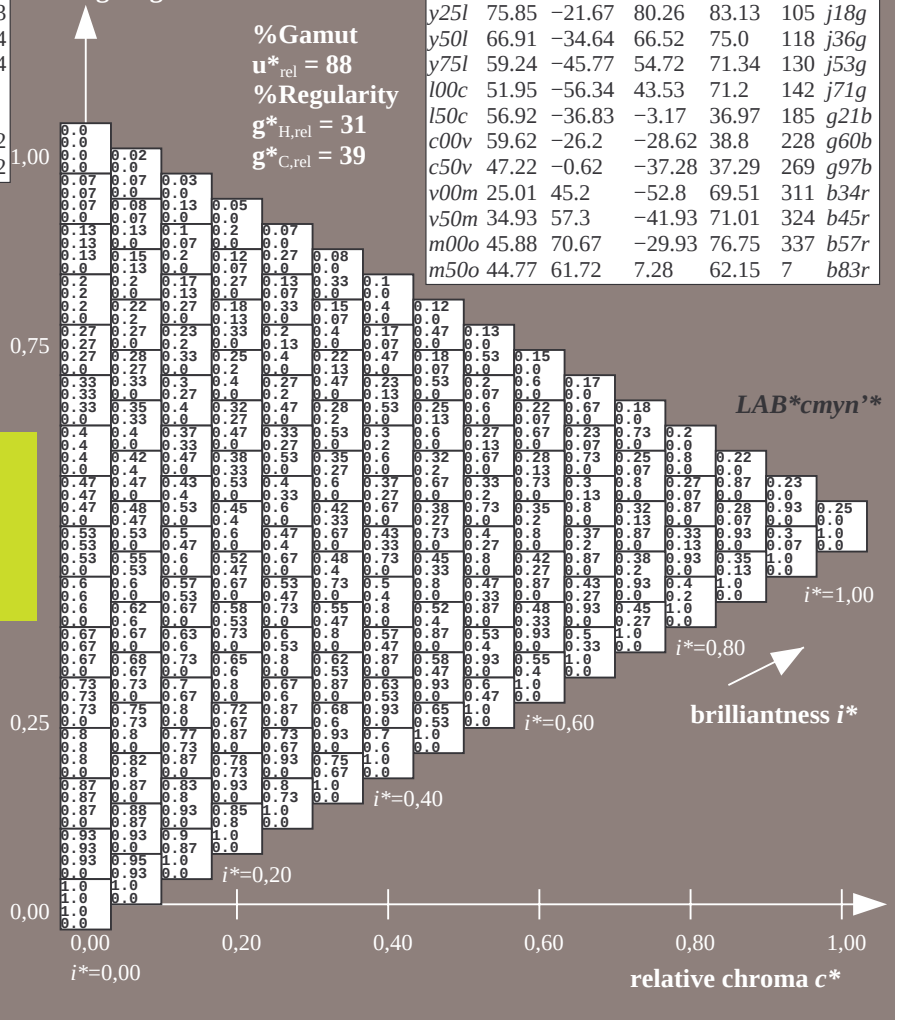
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 76 −22 80
$LAB^*LCH^*_{Ma}$: 76 83 105
$lab^*olv^*_{Ma}$: 0.75 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





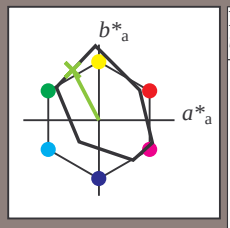
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.326$

**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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

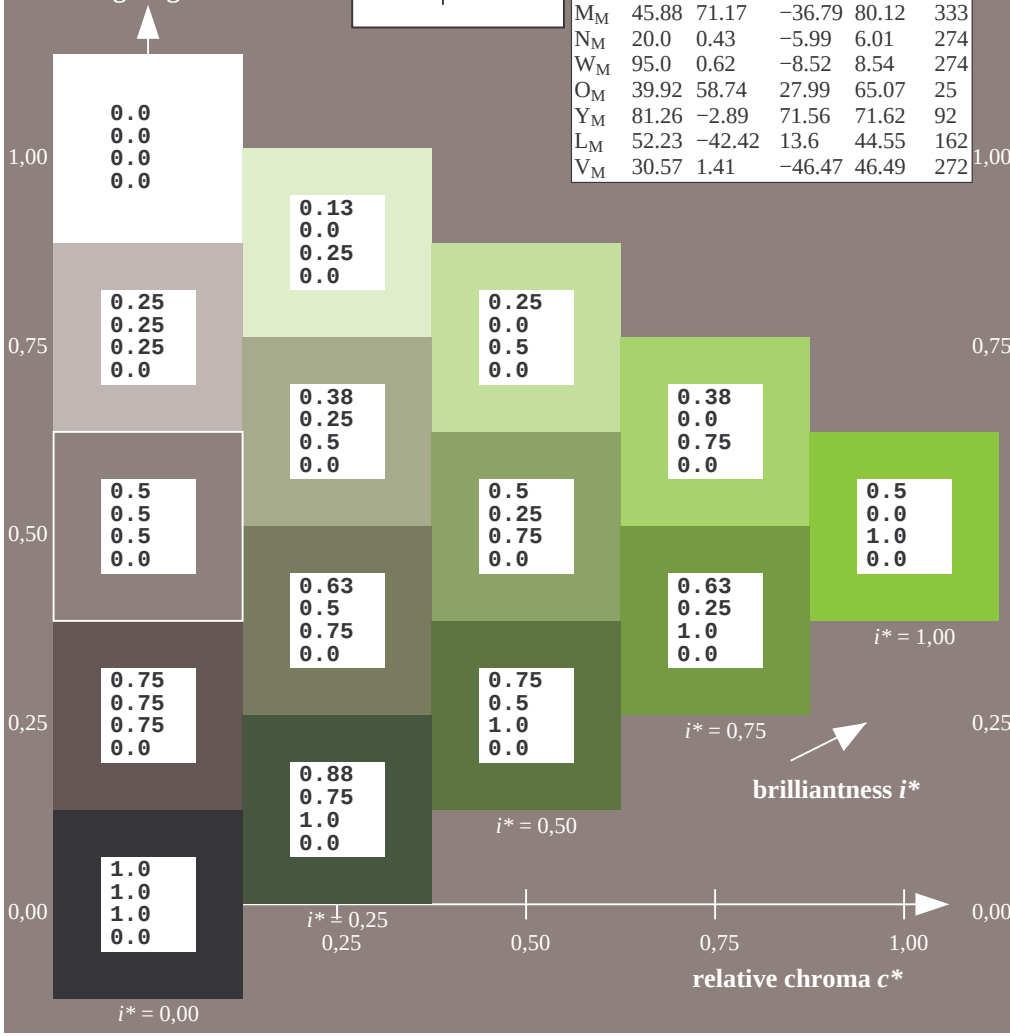
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

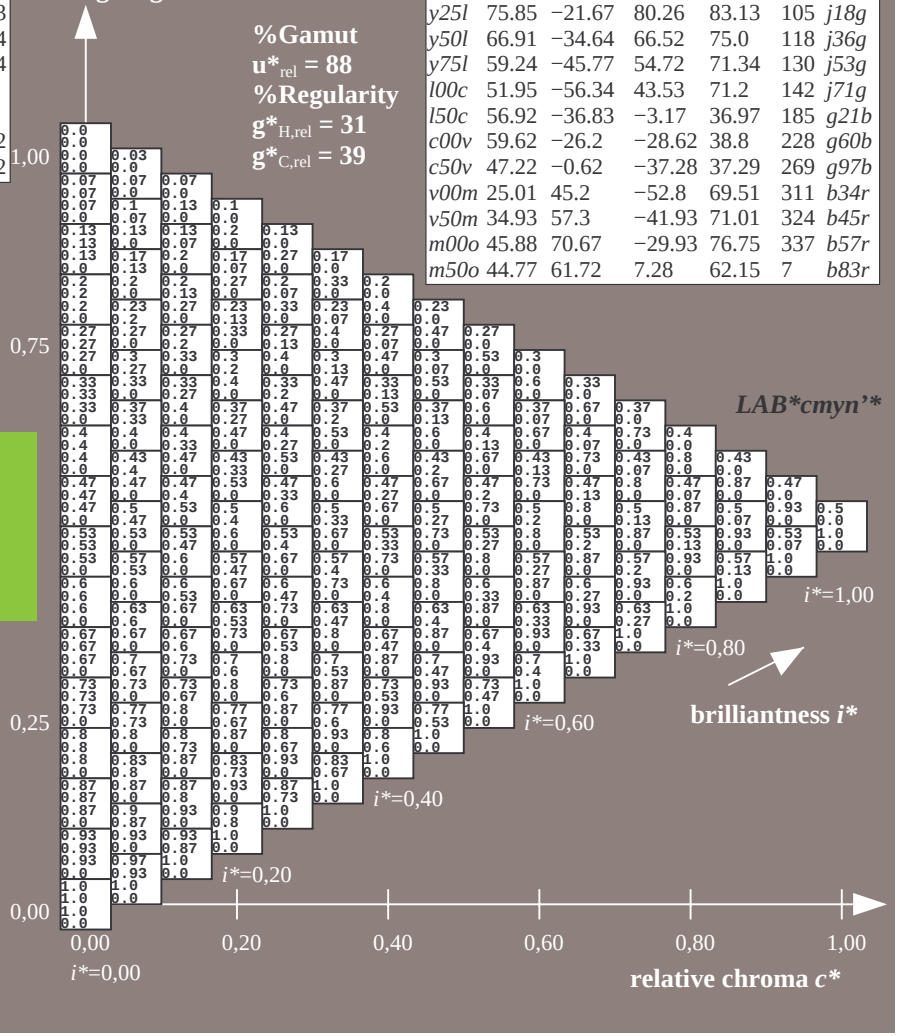
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$*: 67 −35 67**
***LAB*LCH*$_{Ma}$*: 67 75 117**
***lab*olv*$_{Ma}$*: 0.5 1.0 0.0**
***lab*rgb*$_{Ma}$*: 0.64 1.0 0.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





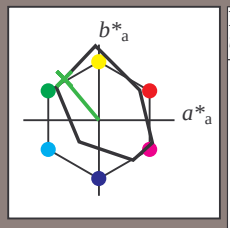
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

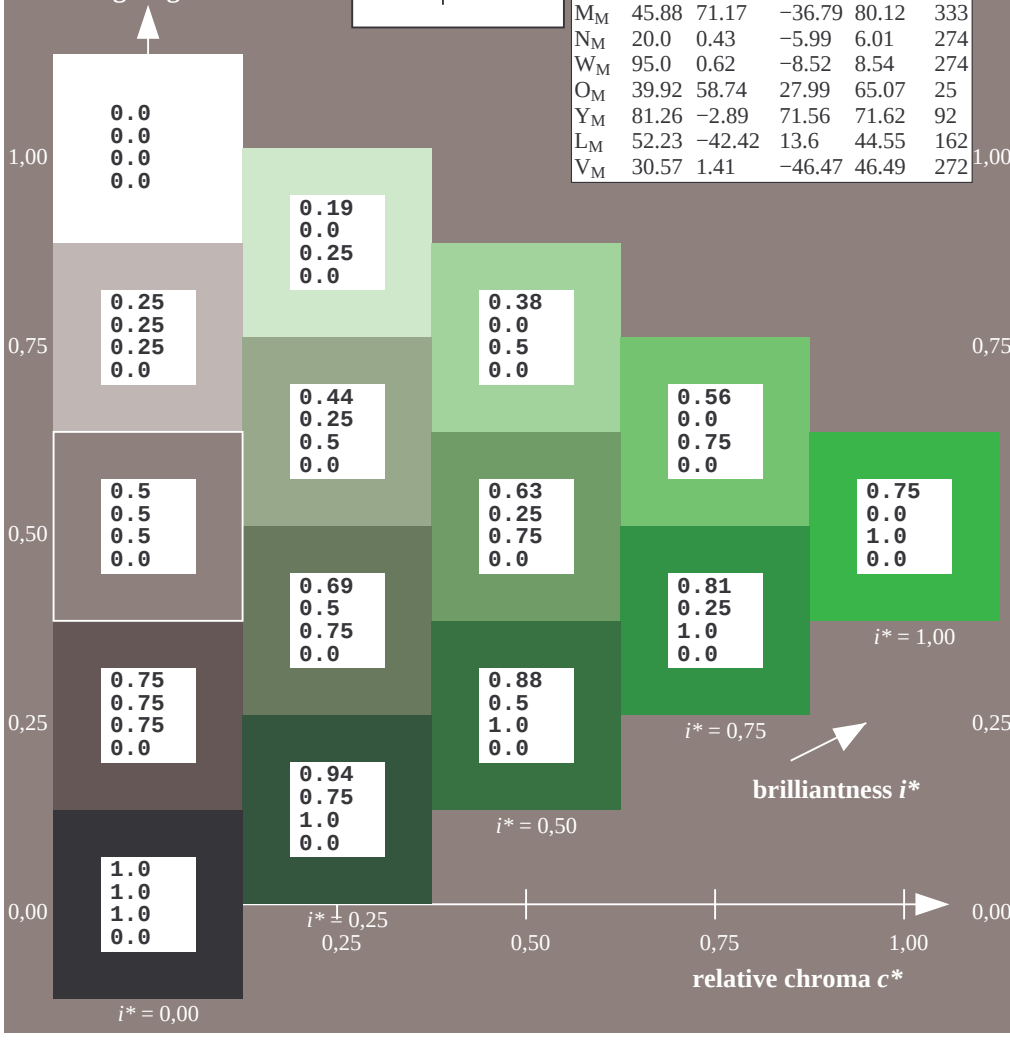
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

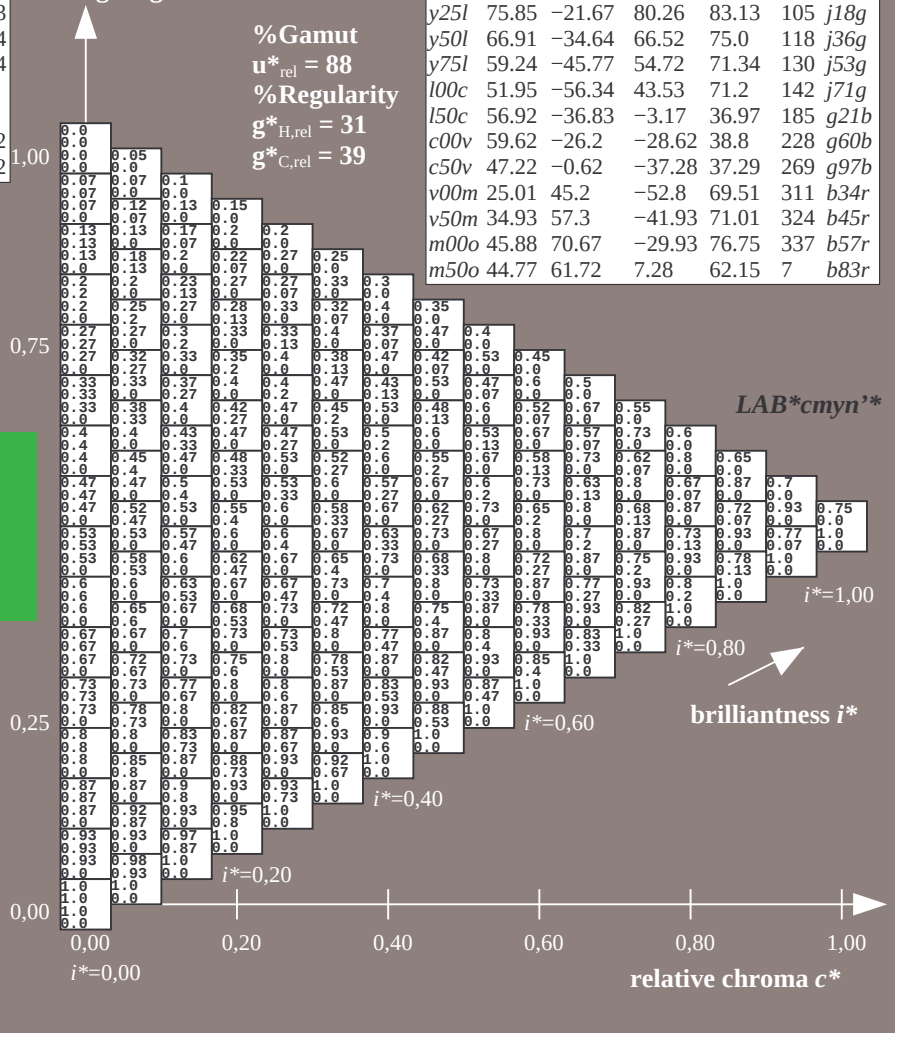
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 59 −46 55
*LAB*LCH**$_{Ma}$: 59 71 129
*lab*olv**$_{Ma}$: 0.25 1.0 0.0
*lab*rgb**$_{Ma}$: 0.46 1.0 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





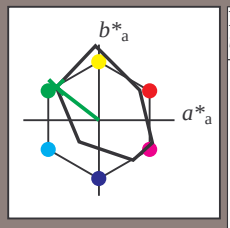
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$

$u^*_d = l00c$
*LAB*cmyn'**

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l00c$ $u^*_e = j71g$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

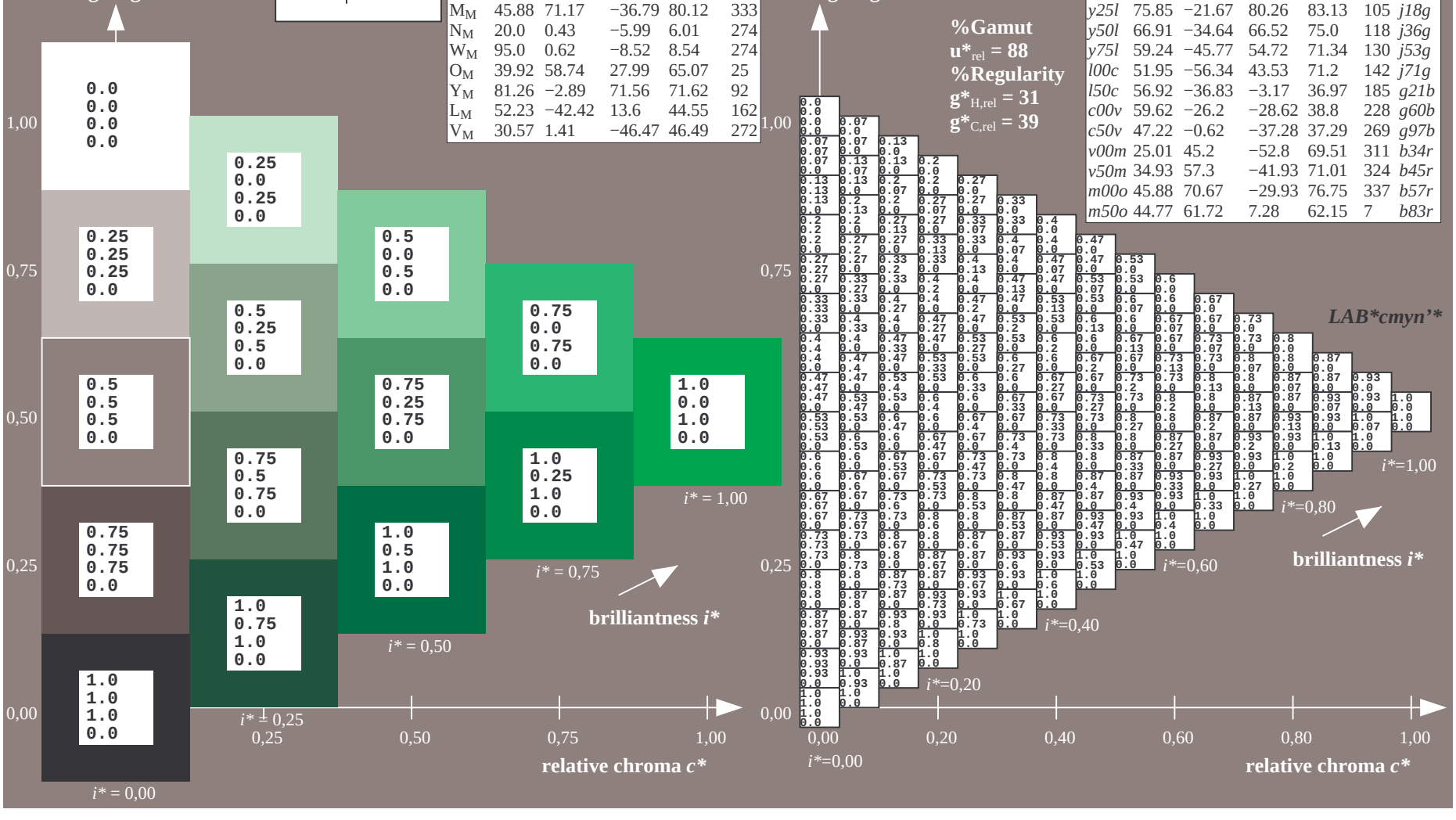
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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 −56 44
*LAB*LCH**$_{Ma}$: 52 71 142
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*

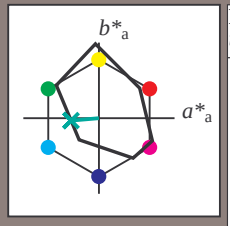


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0
BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

$u^*_d = l50c$
$LAB^*cmyn'^*$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = l50c$ $u^*_e = g21b$
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

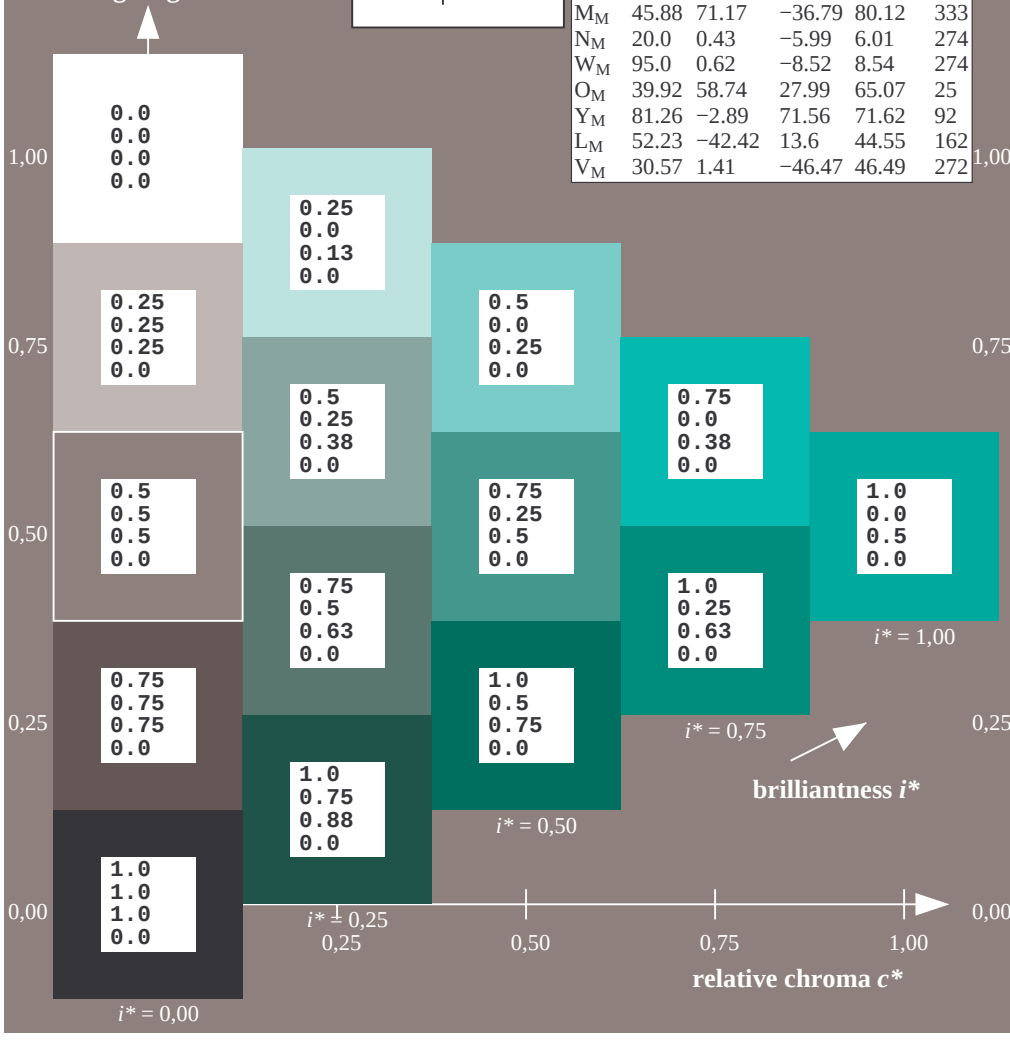
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

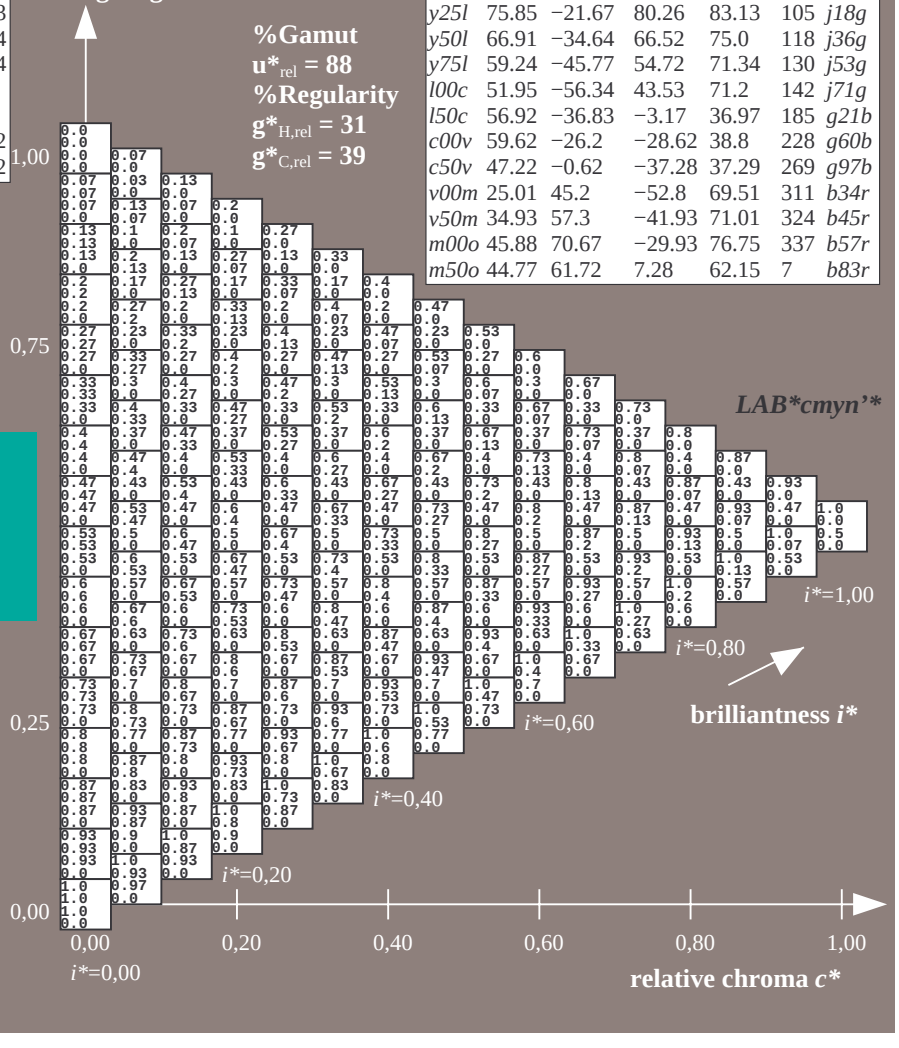
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −37 −3
$LAB^*LCH^*_{Ma}$: 57 37 184
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.41
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

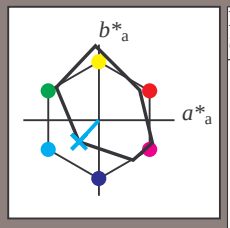
$u^*_d = c00v$
$LAB^*cmyn'^*$

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

Hue texts:
$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:
$c_R = 0.9$

triangle lightness t^*



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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):

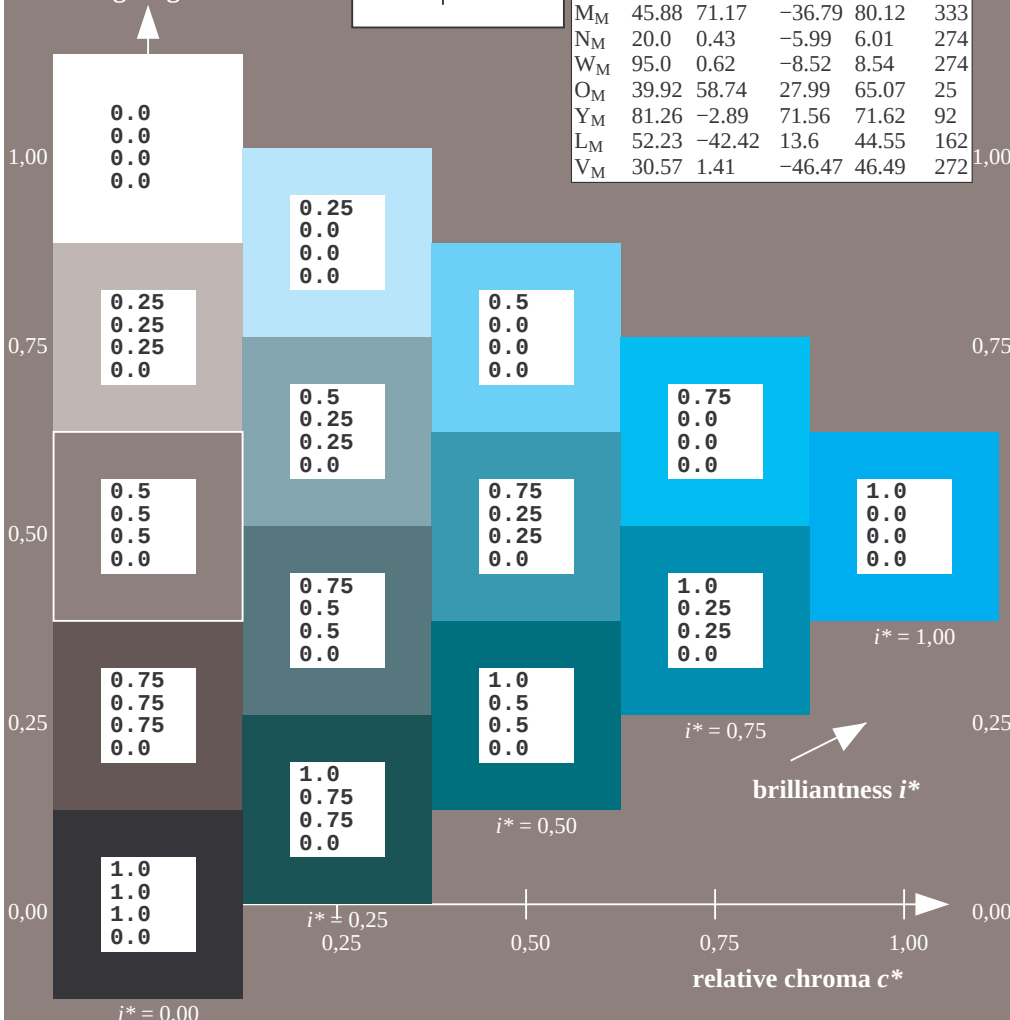
$LAB^*LAB^*_{Ma}$: 60 −26 −29
$LAB^*LCH^*_{Ma}$: 60 39 227
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.81 1.0

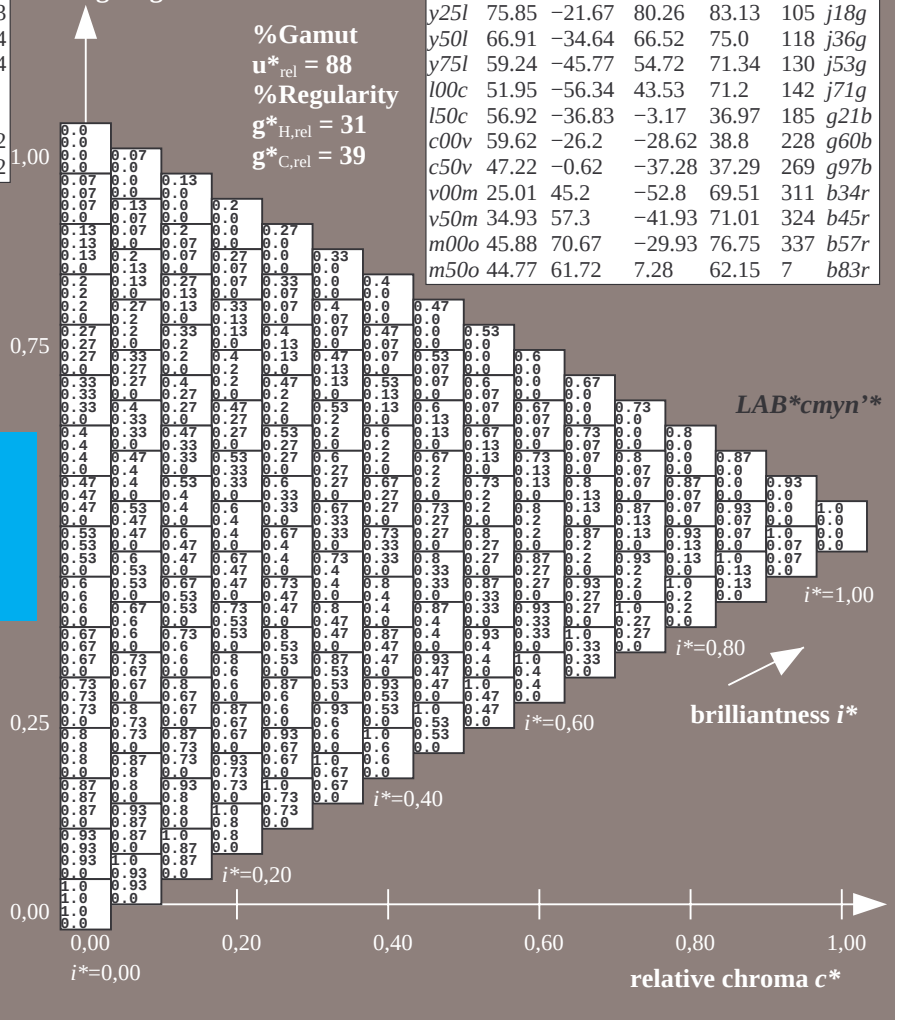
triangle lightness t^*

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





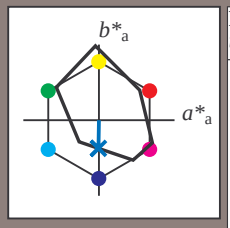
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

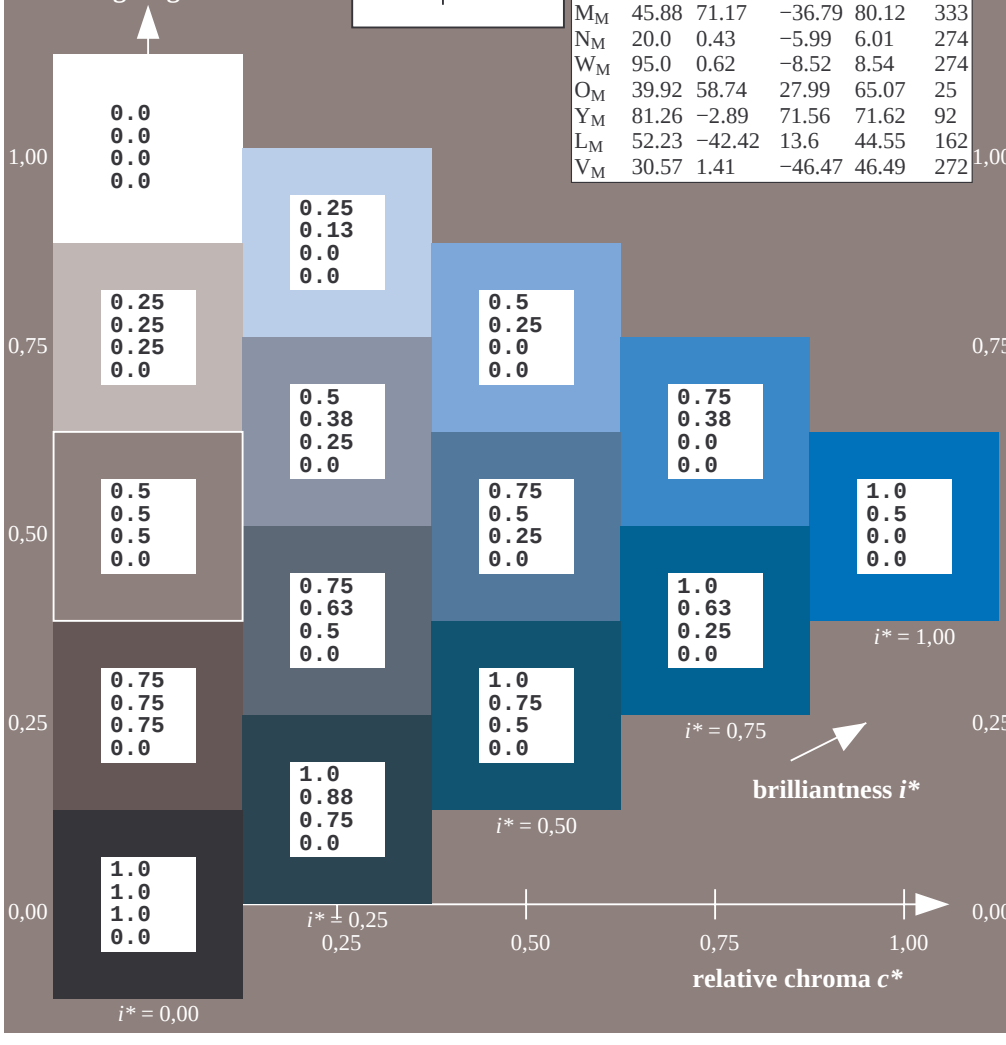
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

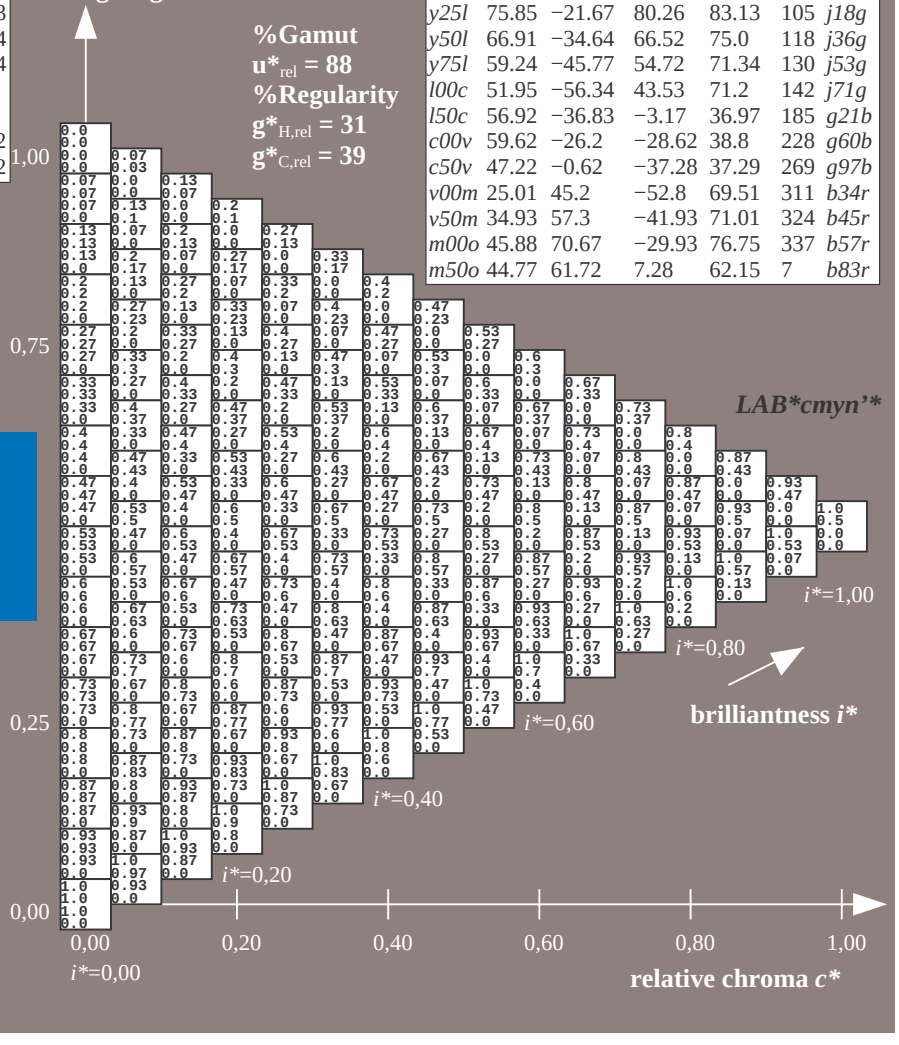
Data for maximum colour (Ma):
***LAB*LAB*$_{Ma}$: 47 −1 −37**
***LAB*LCH*$_{Ma}$: 47 37 269**
***lab*olv*$_{Ma}$: 0.0 0.5 1.0**
***lab*rgb*$_{Ma}$: 0.0 0.05 1.0**
triangle lightness *t**

%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





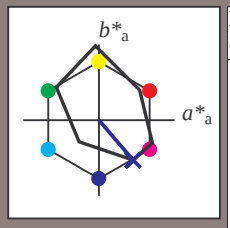
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.863$

$u^*_d = v00m$
$LAB^*cmyn'^*$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_d = v00m$ $u^*_e = b34r$
contrast reduction factor:
$c_R = 0.9$
triangle lightness t^*



FRS12_95a; CIELAB data

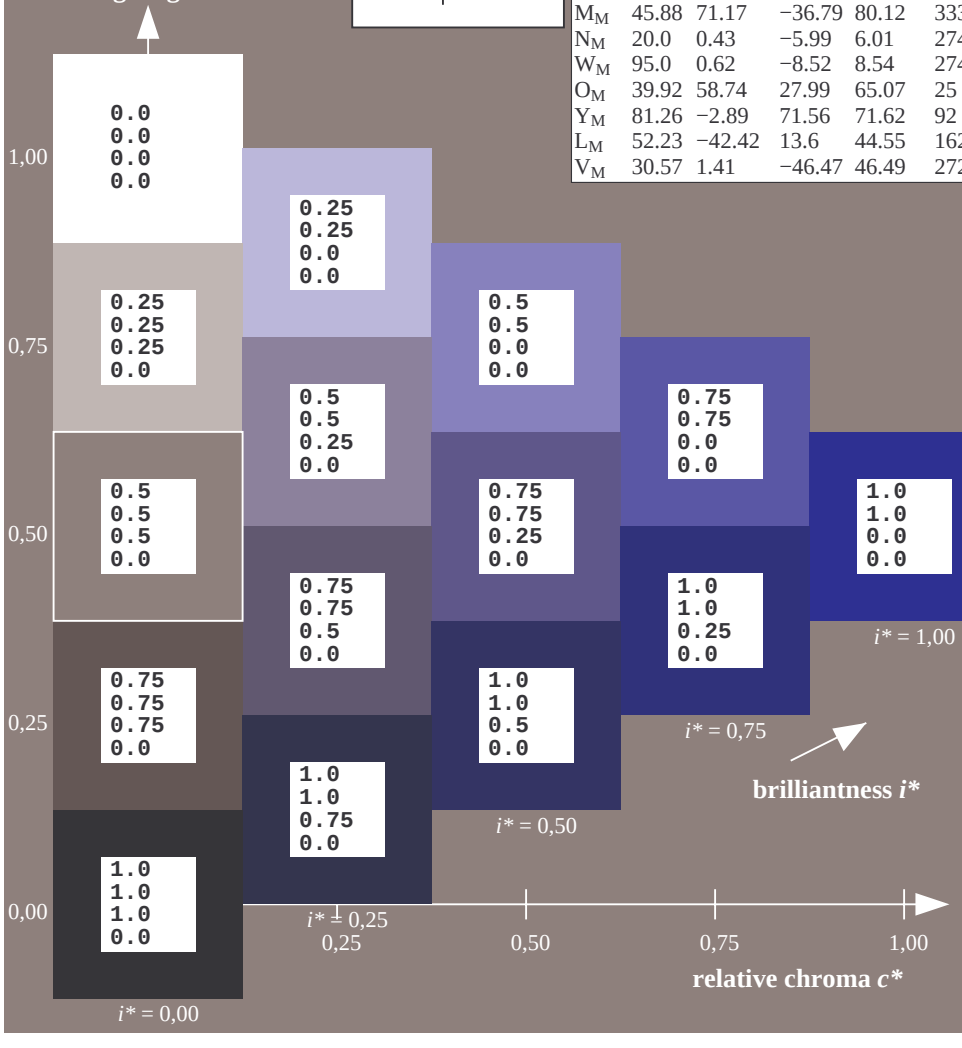
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

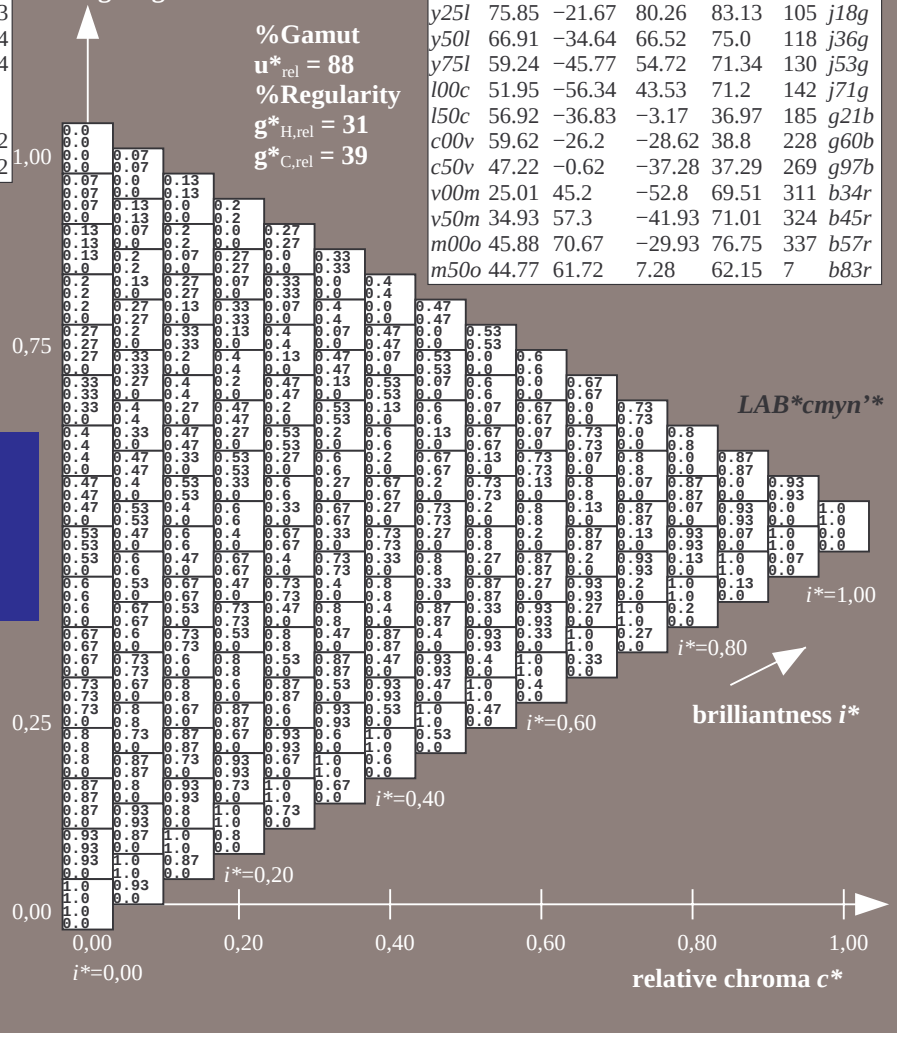
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 25 45 −53
$LAB^*LCH^*_{Ma}$: 25 70 310
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





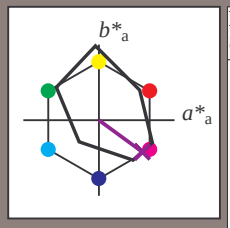
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

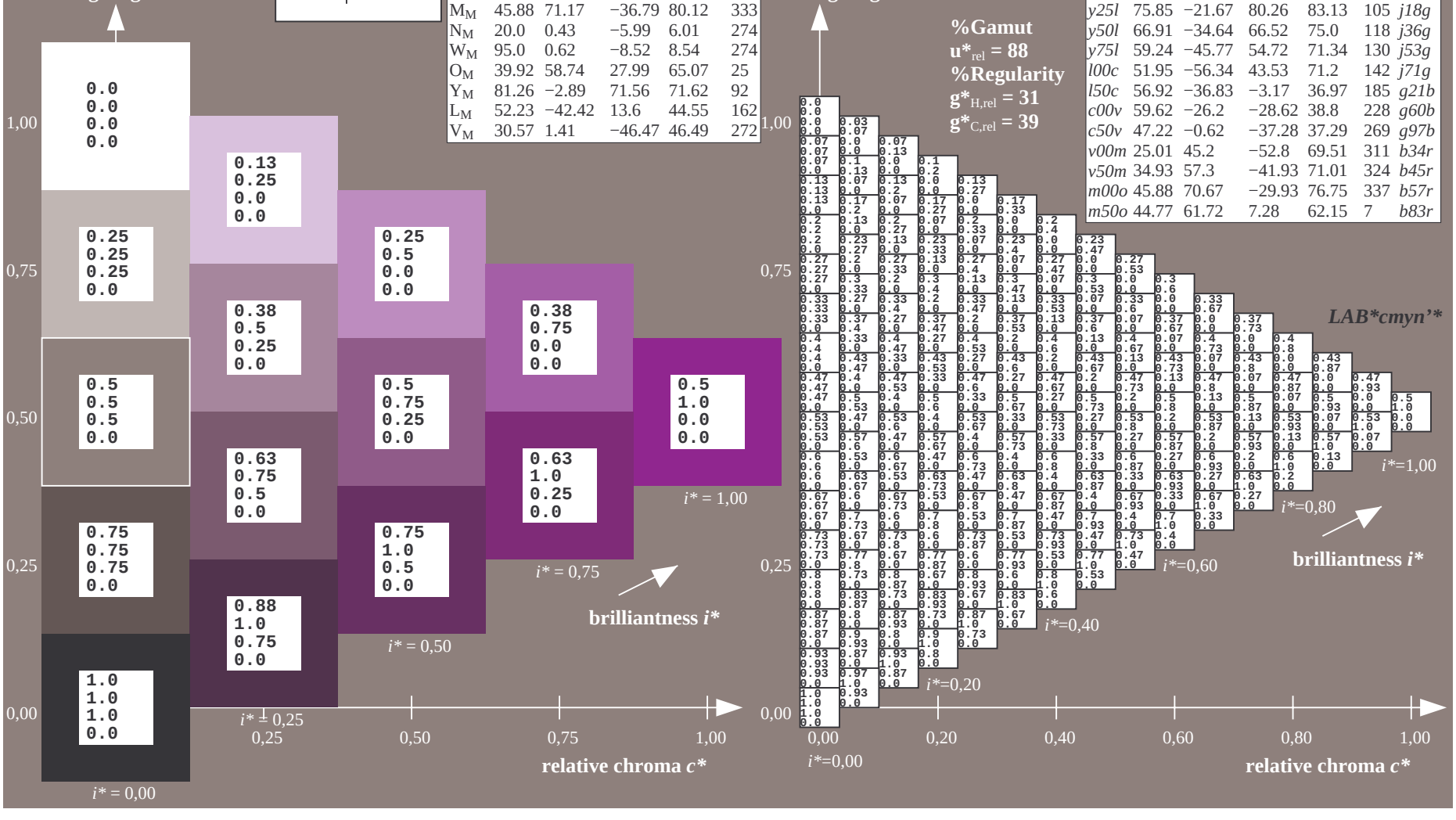
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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 57 −42**
***LAB*LCH*$_{Ma}$: 35 71 323**
***lab*olv*$_{Ma}$: 0.5 0.0 1.0**
***lab*rgb*$_{Ma}$: 0.92 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



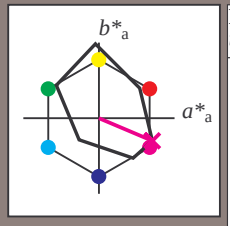
See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 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:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

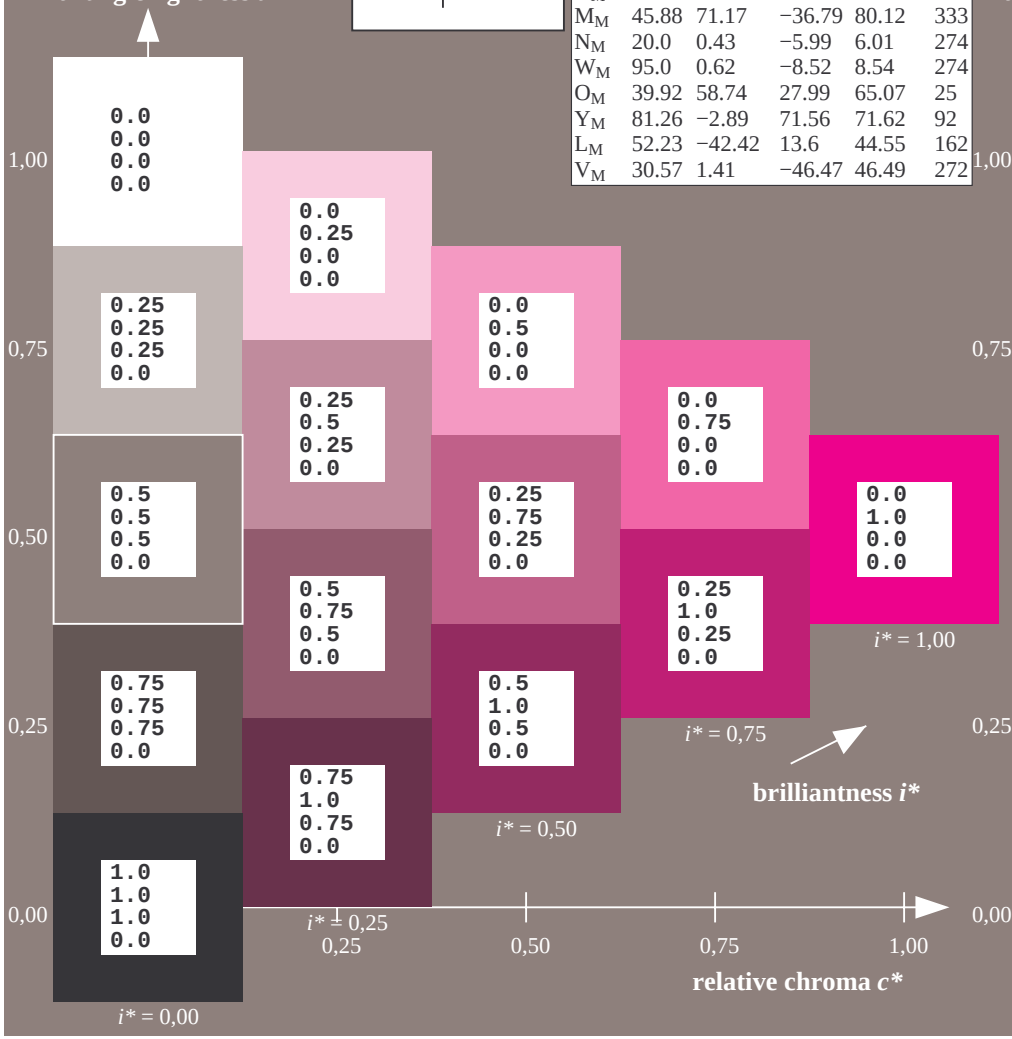
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

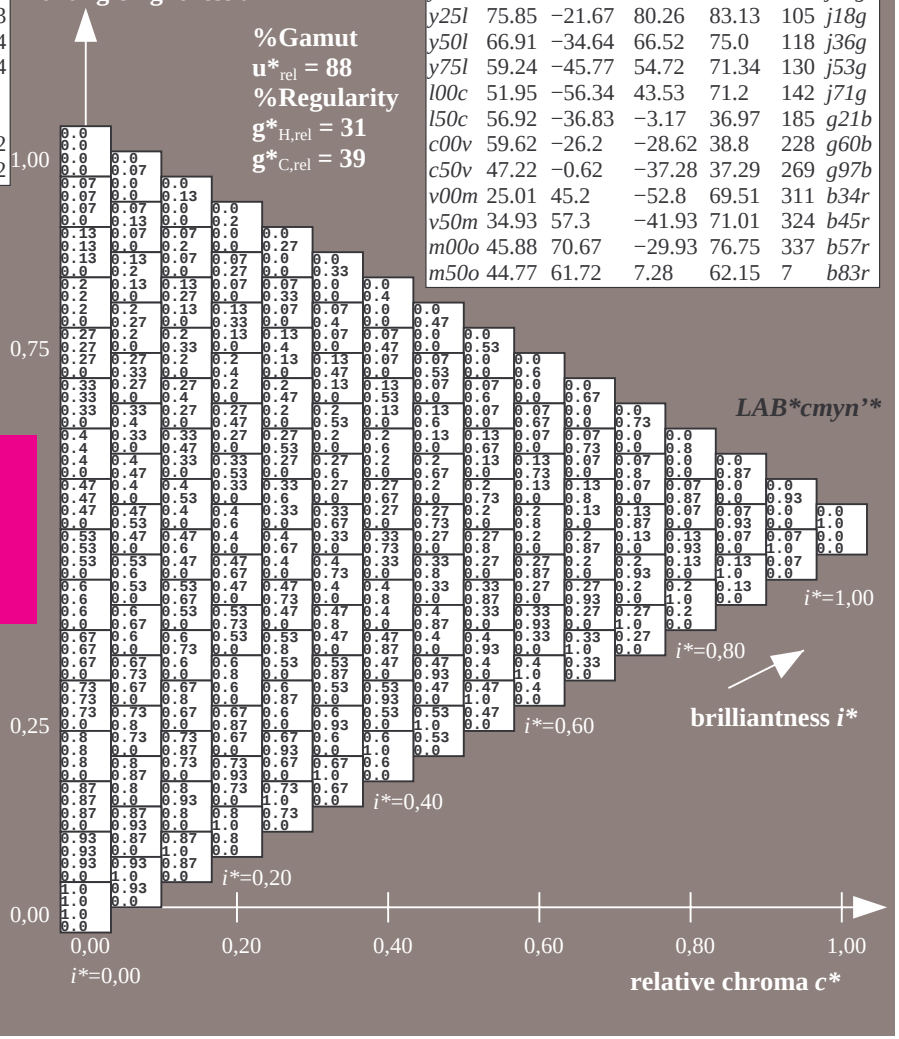
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 46 71 −30
$LAB^*LCH^*_{Ma}$: 46 77 337
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85
triangle lightness *t**

%Gamut
$u^*_{rel} = 88$
%Regularity
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*



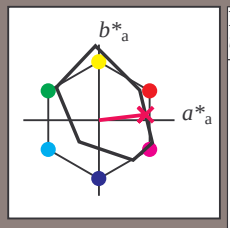


See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.019$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_d = *m50o* u^*_e = *b83r*
contrast reduction factor:
$c_R = 0.9$
triangle lightness *t**



FRS12_95a; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
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

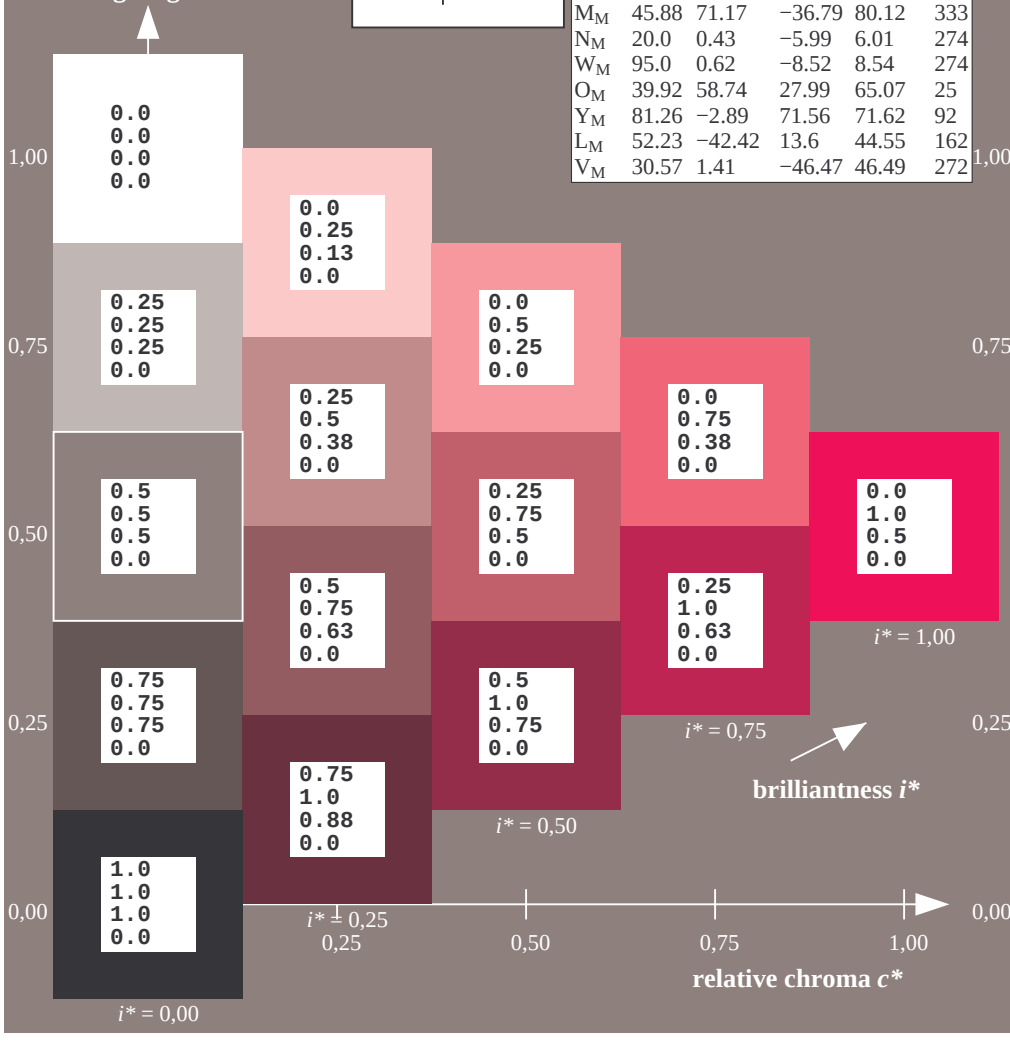
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 45 62 7
*LAB*LCH**$_{Ma}$: 45 62 6
*lab*olv**$_{Ma}$: 1.0 0.0 0.5
*lab*rgb**$_{Ma}$: 1.0 0.0 0.33
triangle lightness *t**

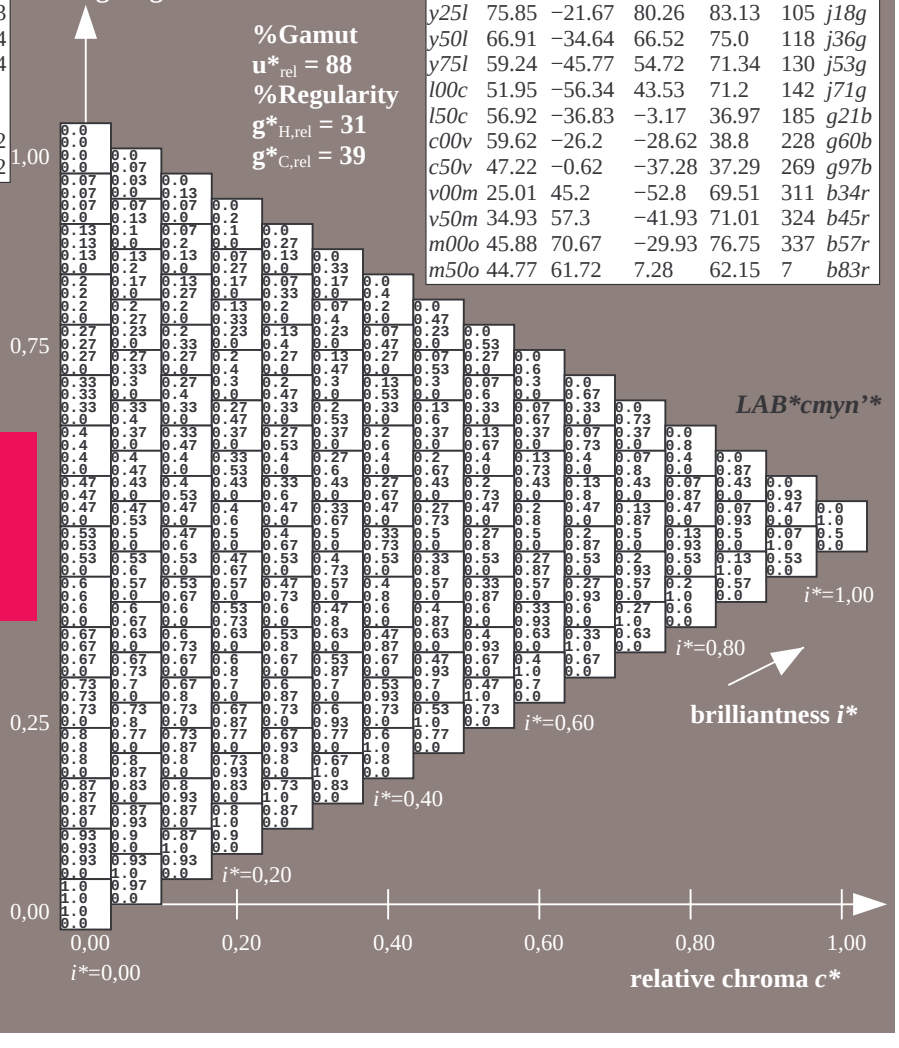
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *m50o*
*LAB*cmyn'**

FRS12_95a; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	43.8	53.91	39.75	66.98	36	*r16j*
o25y	52.46	42.34	51.32	66.53	50	*r37j*
o50y	61.53	30.2	63.46	70.28	65	*r58j*
o75y	72.39	15.68	77.97	79.53	79	*r79j*
y00l	87.58	−4.65	98.29	98.4	93	*j01g*
y25l	75.85	−21.67	80.26	83.13	105	*j18g*
y50l	66.91	−34.64	66.52	75.0	118	*j36g*
y75l	59.24	−45.77	54.72	71.34	130	*j53g*
l00c	51.95	−56.34	43.53	71.2	142	*j71g*
l50c	56.92	−36.83	−3.17	36.97	185	*g21b*
c00v	59.62	−26.2	−28.62	38.8	228	*g60b*
c50v	47.22	−0.62	−37.28	37.29	269	*g97b*
v00m	25.01	45.2	−52.8	69.51	311	*b34r*
v50m	34.93	57.3	−41.93	71.01	324	*b45r*
m00o	45.88	70.67	−29.93	76.75	337	*b57r*
m50o	44.77	61.72	7.28	62.15	7	*b83r*





See for similar files: http://www.ps.bam.de/Fe63/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe63/10L/L63e00NA.TXT/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	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

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D65: colour scales and 9 data tables for 16 hues *o00y* to *m50o*

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