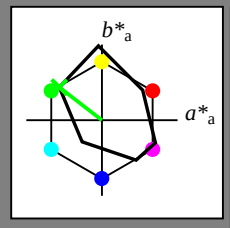
Input and output: Colorimetric Printer Reflective System FRS12_95a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.395$ — $u^*_d = l00c$

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

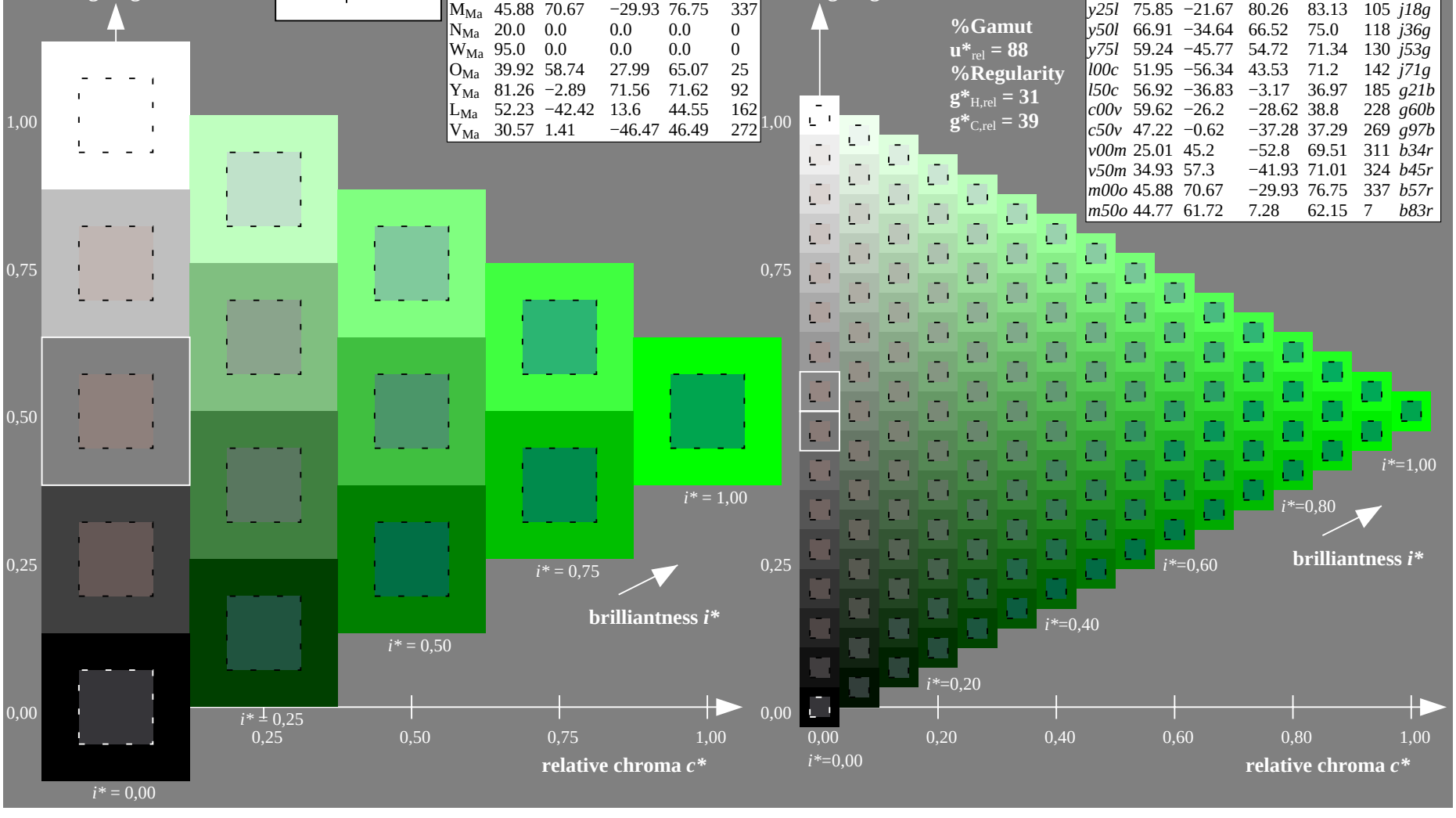
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0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

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
$g^*_{H,rel} = 31$
$g^*_{C,rel} = 39$



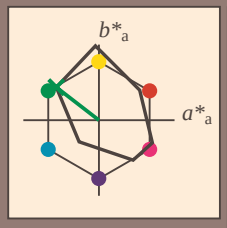
See for similar files: http://www.ps.bam.de/Fe77/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM registration: 20081001-Fe77/10L/L77e00FP.PDF/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a 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

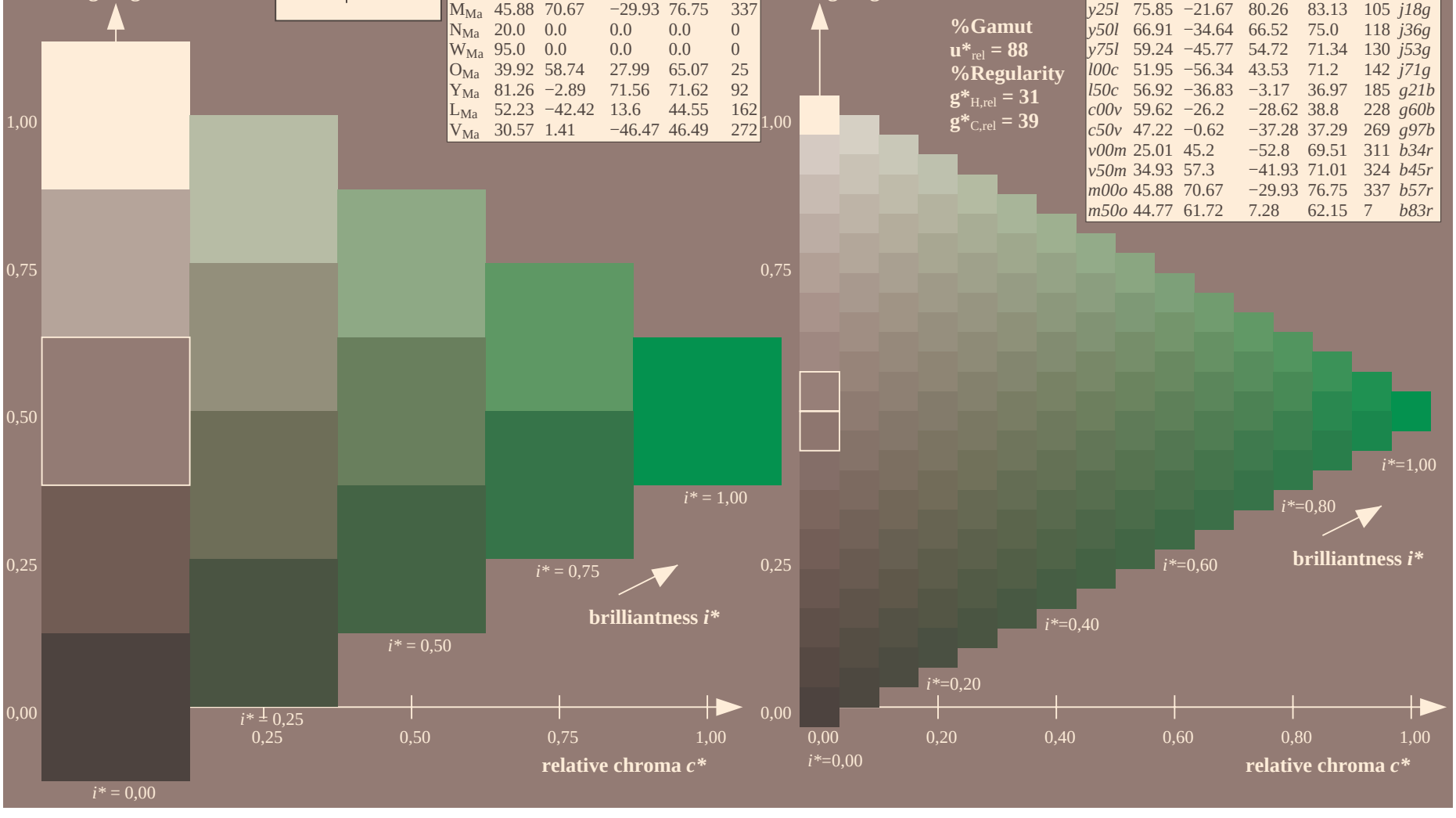
*u*d*	*L*=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0	0.0	0.0	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/Fe77/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB, ColSpx=0

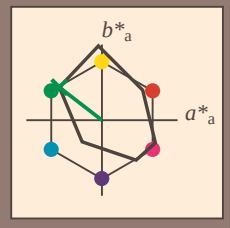
BAM registration: 20081001-Fe77/10L/L77e00FP.PDF/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: http://www.ps.bam.de/Fe77/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM registration: 20081001-Fe77/10L/L77e00FP.PDF/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a 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

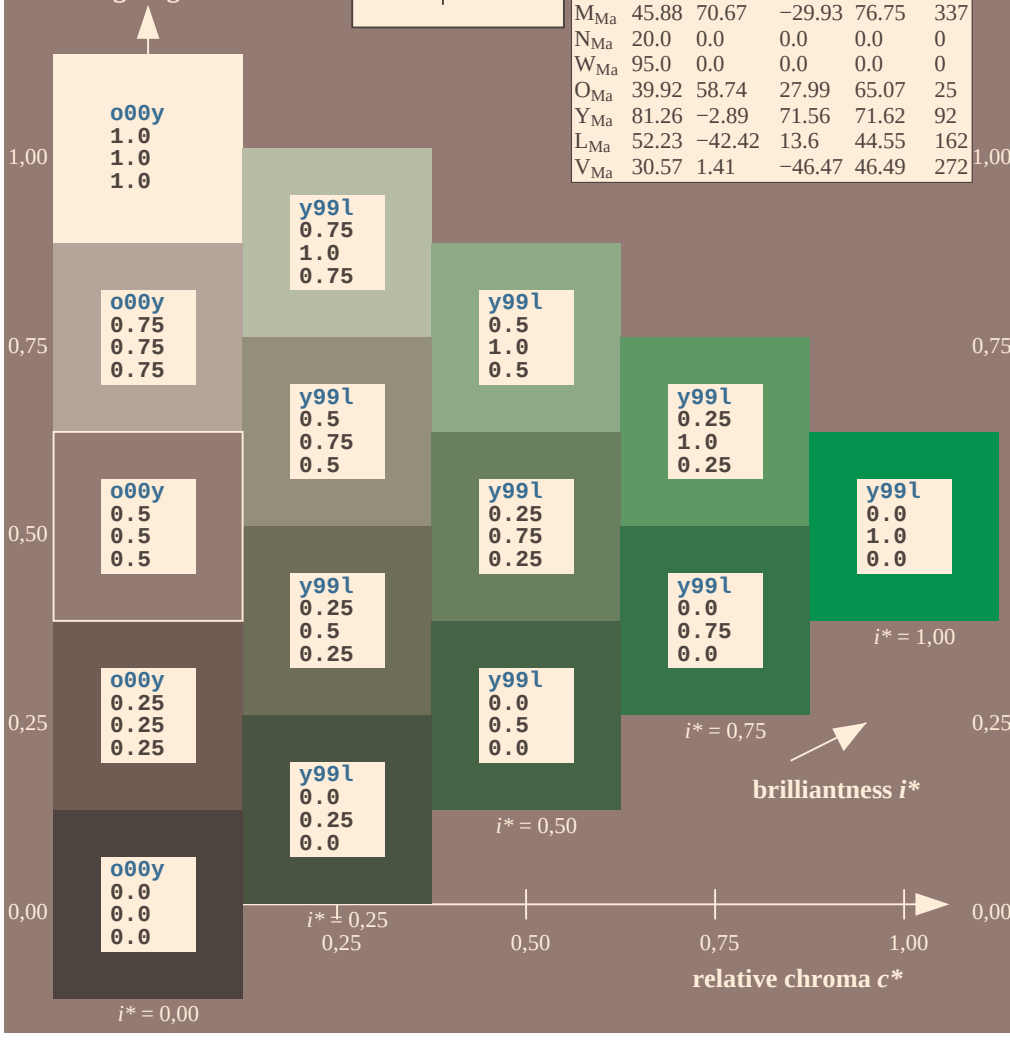
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 52 −56 44**
LAB*LCH*$_{Ma}$**: 52 71 142**
lab*olv*$_{Ma}$**: 0.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.28 1.0 0.0**
triangle lightness *t**

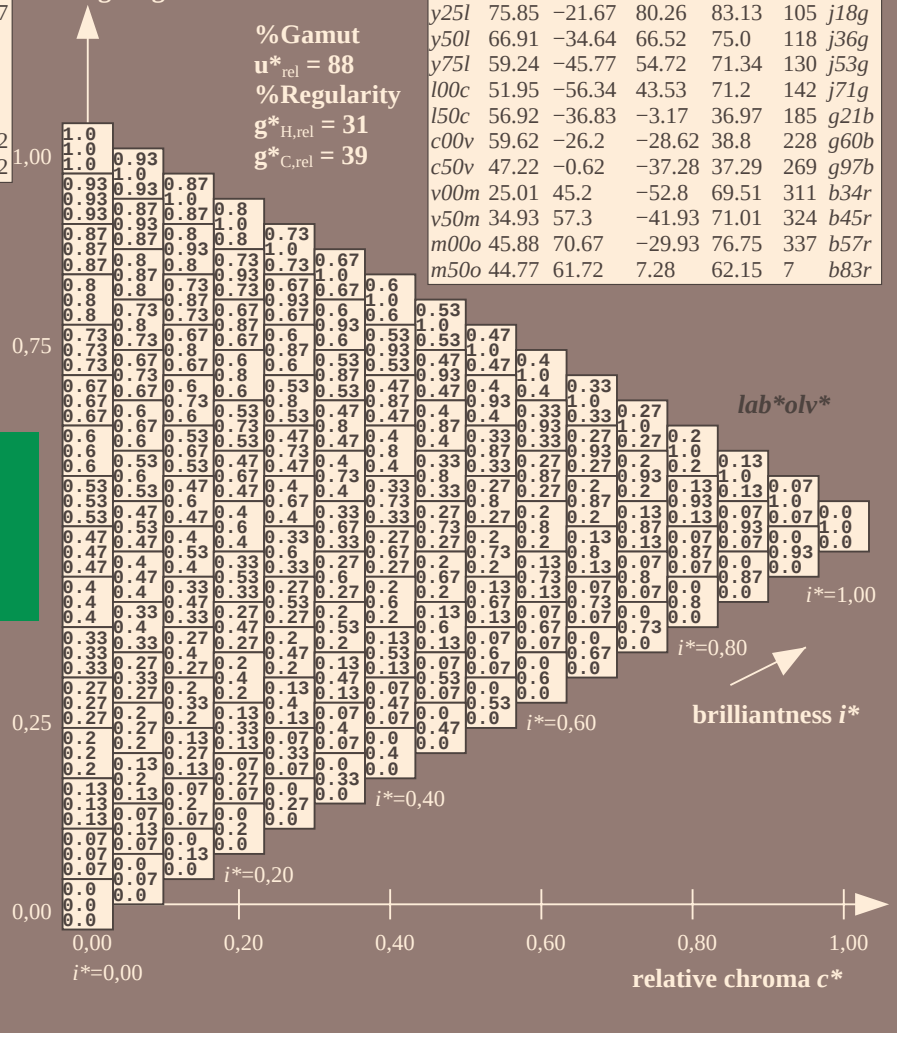
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

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*





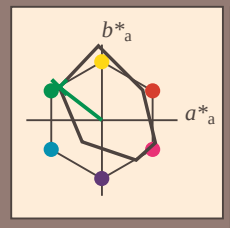
input: *000n / w / nnn0 / www set...*
output: *−>LAB*−>cmy0* setcmyk*

See for similar files: http://www.ps.bam.de/Fe77/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM registration: 20081001-Fe77/10L/L77e00FP.PDF/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a 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

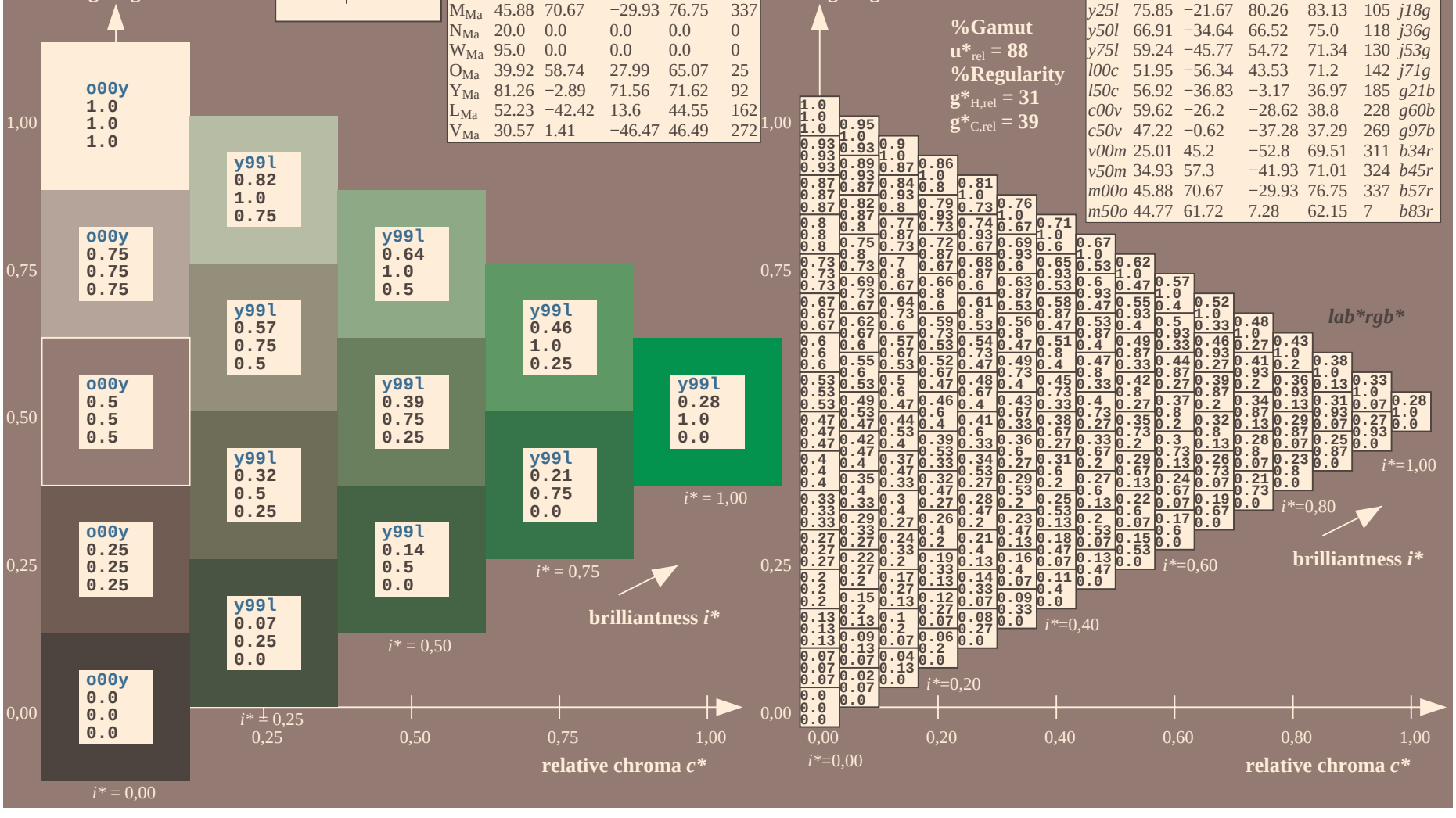
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 52 −56 44
$LAB^*LCH^*_{Ma}$: 52 71 142
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

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 = *l00c*
*lab*rgb**

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

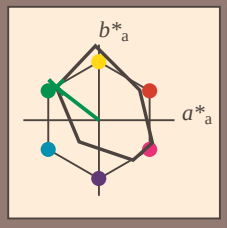


See for similar files: http://www.ps.bam.de/Fe77/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM registration: 20081001-Fe77/10L/L77e00FP.PDF/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a 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

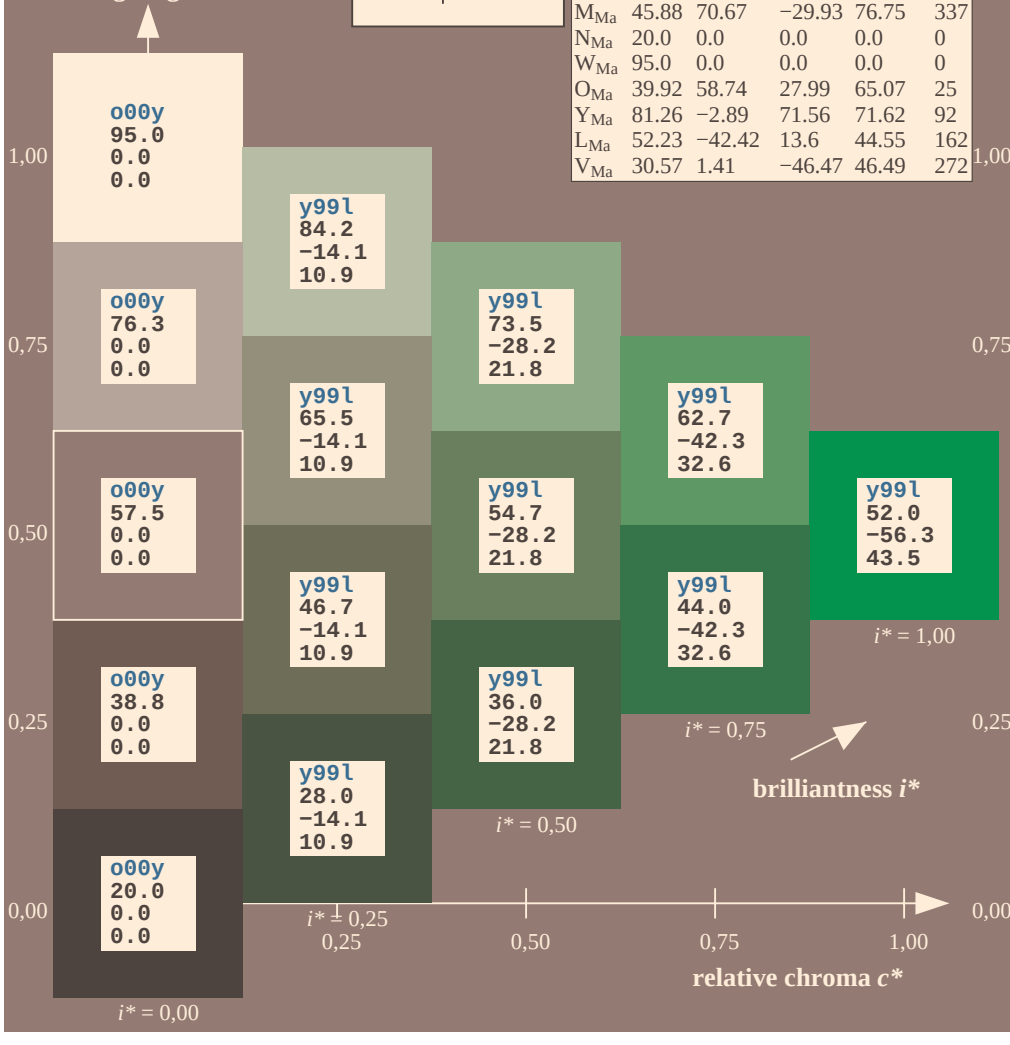
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 52 −56 44**
LAB*LCH*$_{Ma}$**: 52 71 142**
lab*olv*$_{Ma}$**: 0.0 1.0 0.0**
lab*rgb*$_{Ma}$**: 0.28 1.0 0.0**
triangle lightness *t**

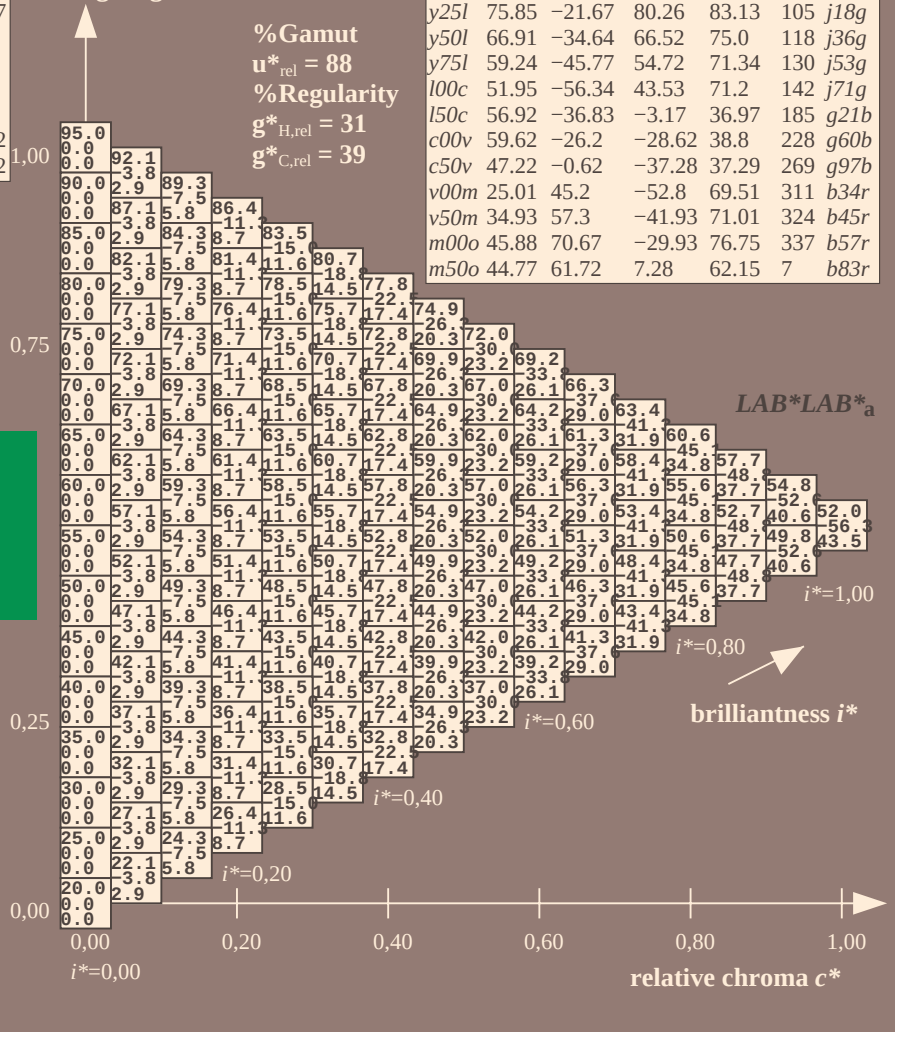
%Gamut
u^*_{rel} = 88
%Regularity
$g^*_{H,rel}$ = 31
$g^*_{C,rel}$ = 39

u^*_d = *l00c*
LAB*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*



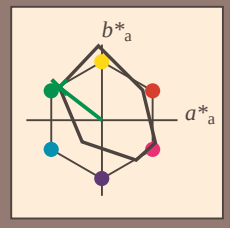


See for similar files: http://www.ps.bam.de/Fe77/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM registration: 20081001-Fe77/10L/L77e00FP.PDF/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a 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

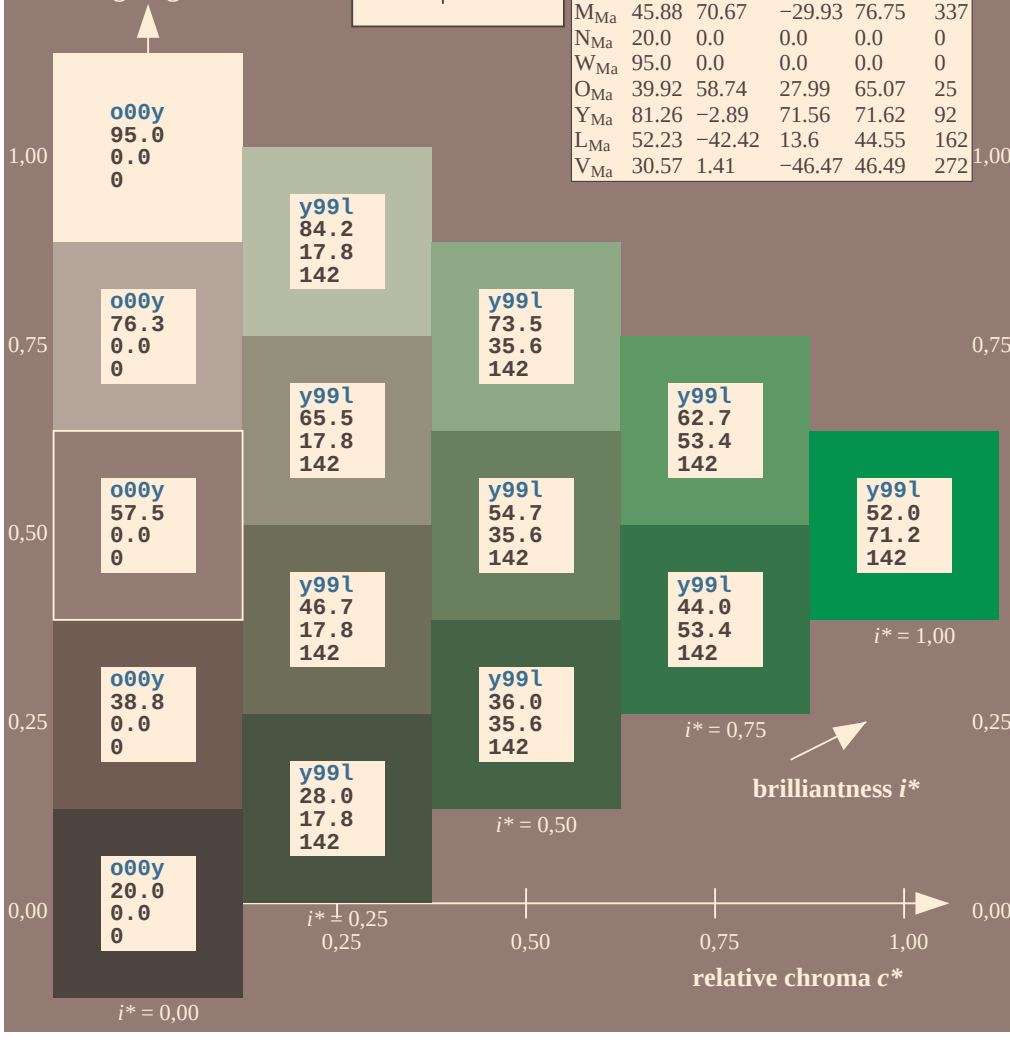
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −56 44
*LAB*LCH**$_{Ma}$: 52 71 142
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

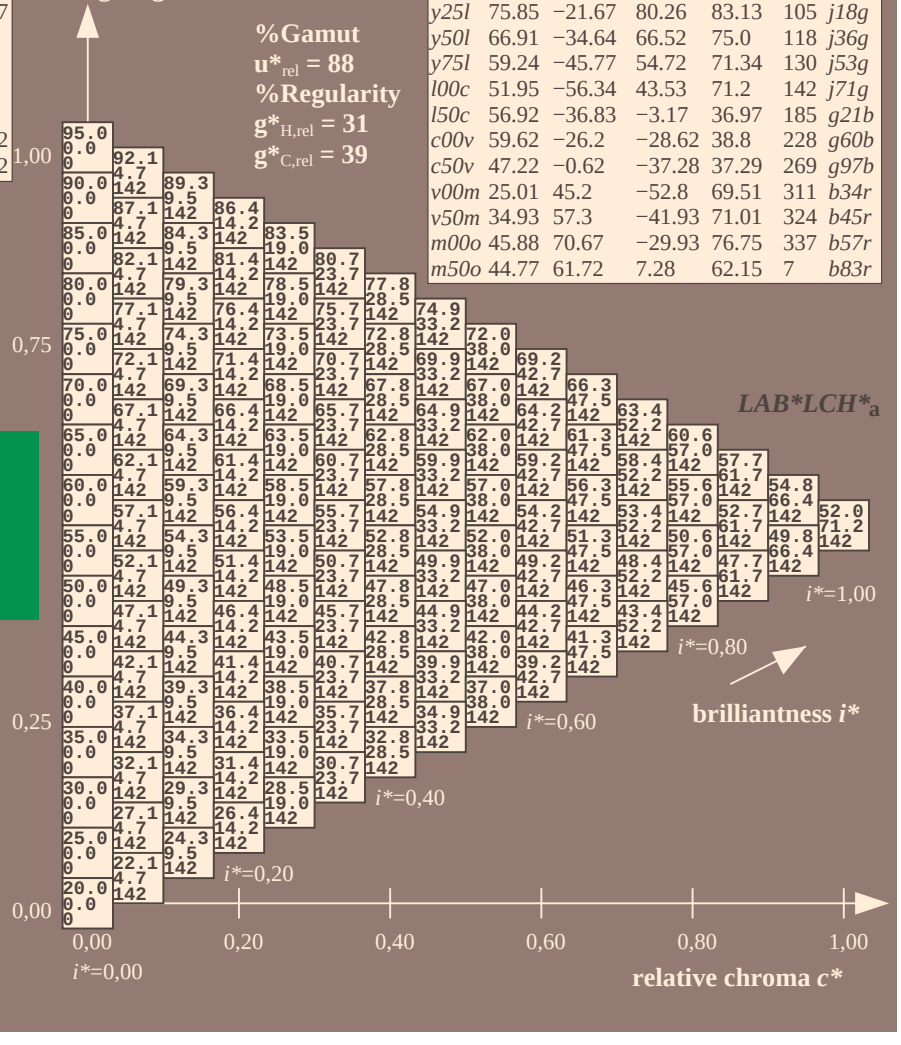
FRS12_95a; adapted (a) CIELAB data

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

*LAB*LCH*a*





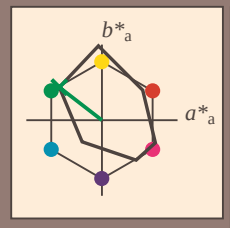
input: *000n / w / nnn0 / www set...*
output: *−>LAB*−>cmy0* setcmyk*

See for similar files: http://www.ps.bam.de/Fe77/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM registration: 20081001-Fe77/10L/L77e00FP.PDF/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a 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

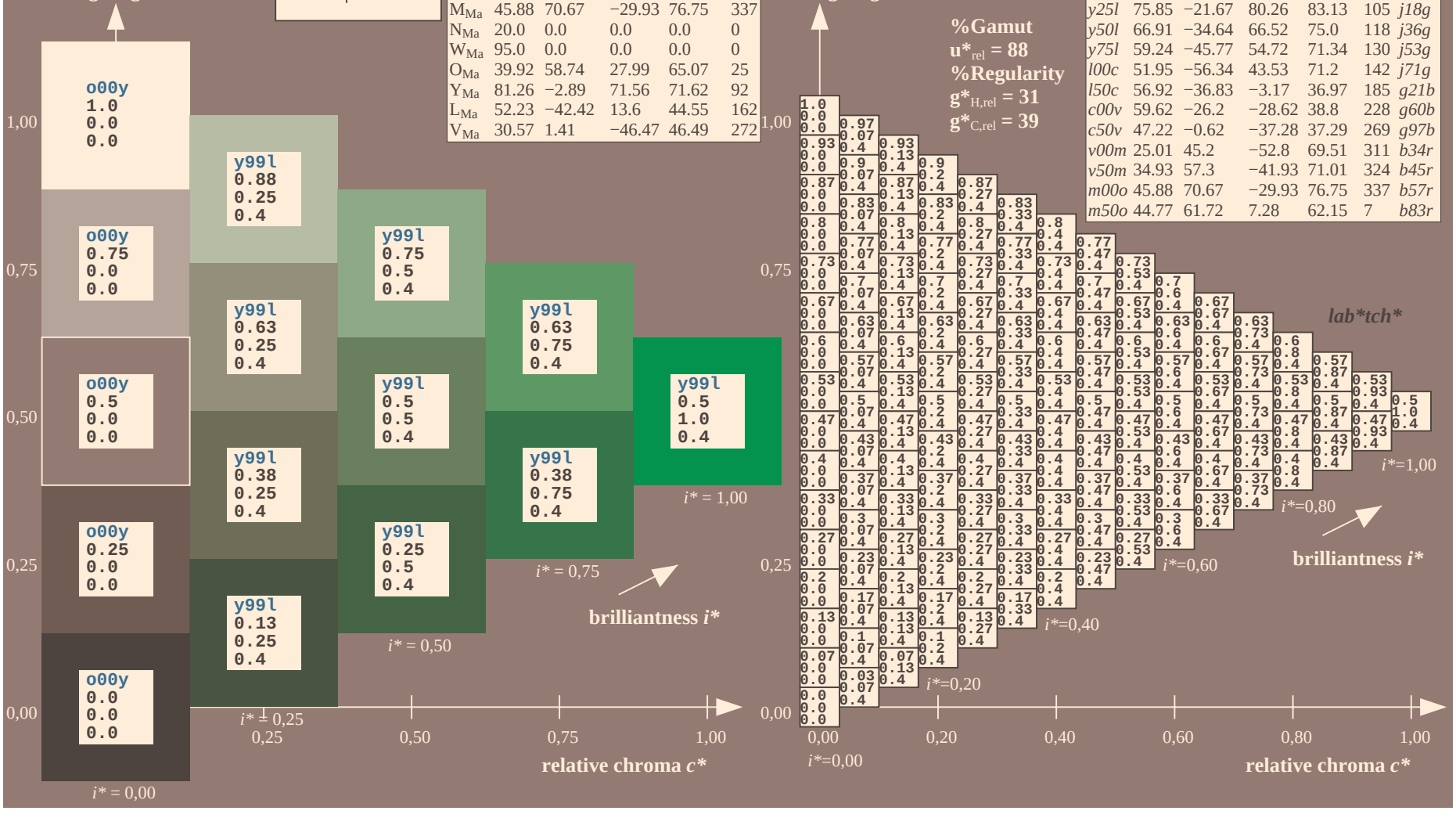
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	43.8	53.91	39.75	66.98	36
Y_{Ma}	87.58	−4.65	98.29	98.4	93
L_{Ma}	51.95	−56.34	43.53	71.2	142
C_{Ma}	59.62	−26.2	−28.62	38.8	228
V_{Ma}	25.01	45.2	−52.8	69.51	311
M_{Ma}	45.88	70.67	−29.93	76.75	337
N_{Ma}	20.0	0.0	0.0	0.0	0
W_{Ma}	95.0	0.0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



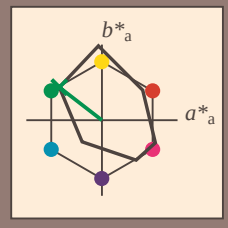
input: *000n / w / nnn0 / www set...*
output: *−>LAB*−>cmy0* setcmyk*

See for similar files: http://www.ps.bam.de/Fe77/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM registration: 20081001-Fe77/10L/L77e00FP.PDF/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a 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

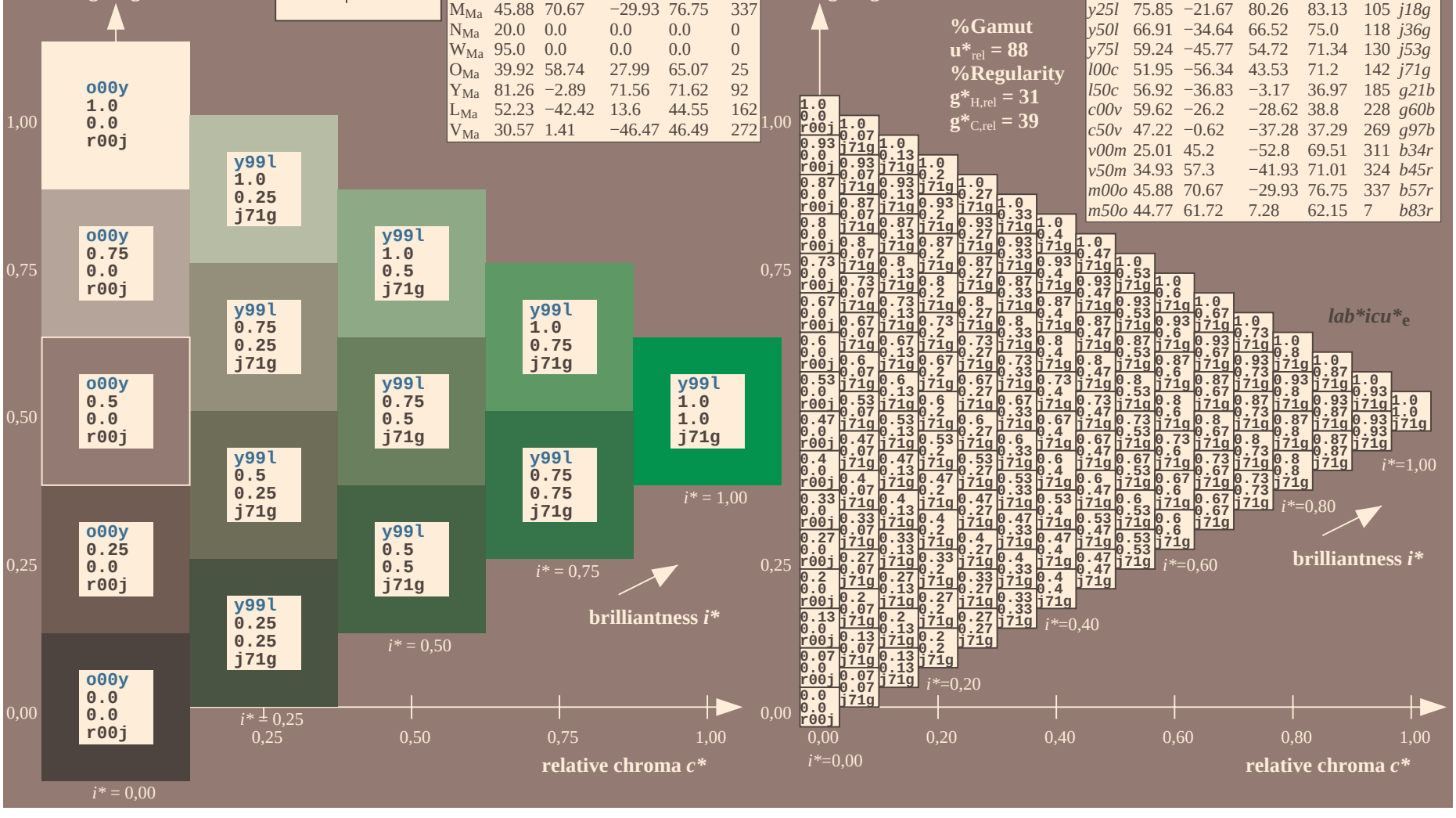
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 52 −56 44
*LAB*LCH**$_{Ma}$: 52 71 142
*lab*olv**$_{Ma}$: 0.0 1.0 0.0
*lab*rgb**$_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

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

u^*_d = *l00c*
*lab*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*



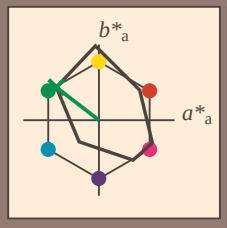
input: *000n / w / nnn0 / www set...*
output: *−>LAB*−>cmy0* setcmyk*

See for similar files: http://www.ps.bam.de/Fe77/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM registration: 20081001-Fe77/10L/L77e00FP.PDF/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a 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_95; CIELAB data

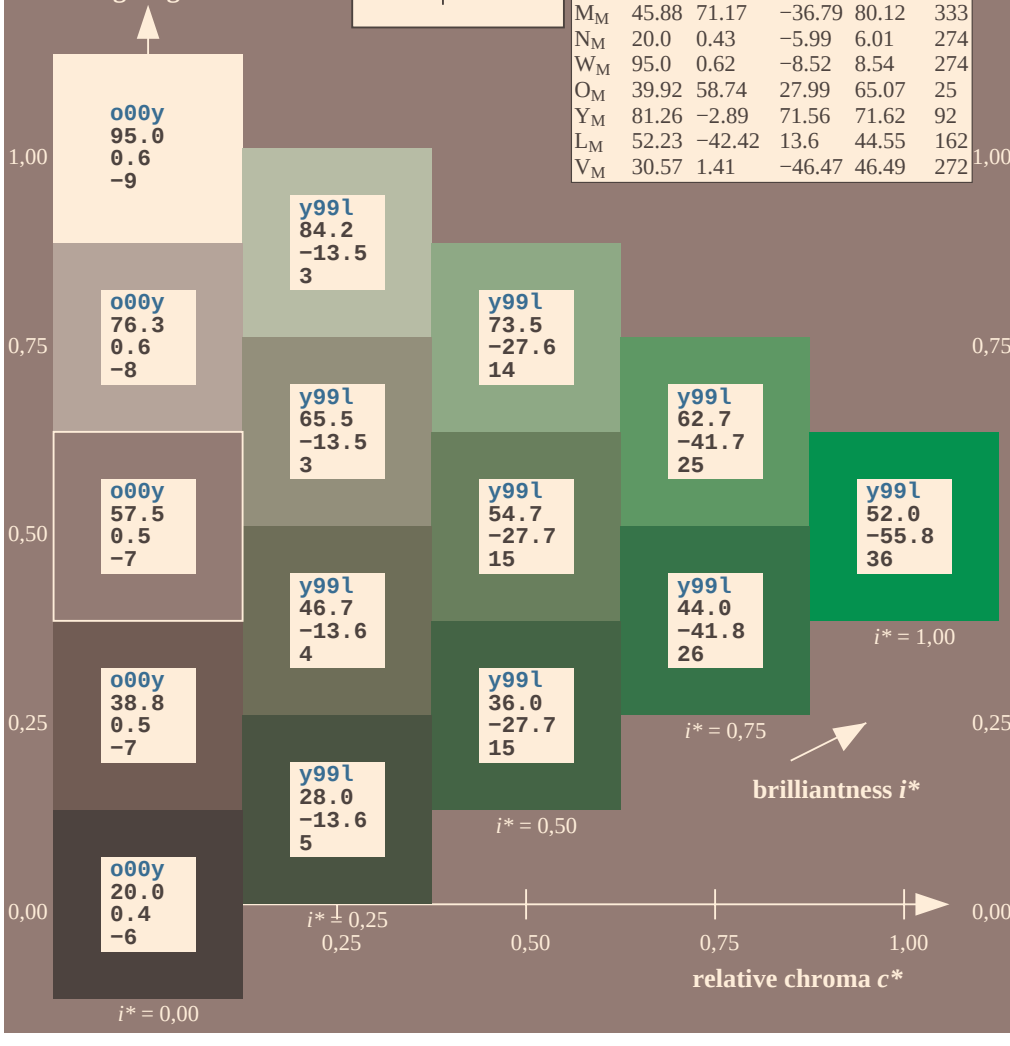
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

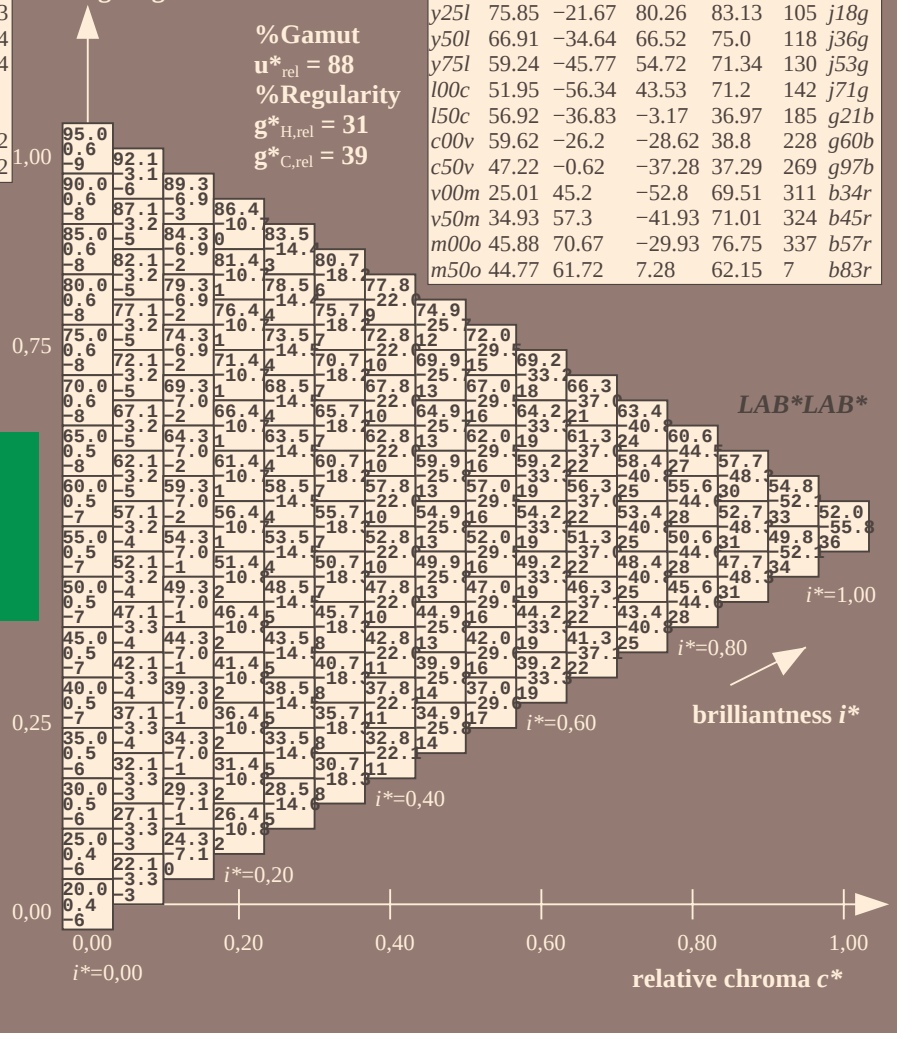
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$: 52 −56 44
LAB*LCH*$_{Ma}$: 52 71 142
lab*olv*$_{Ma}$: 0.0 1.0 0.0
lab*rgb*$_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

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



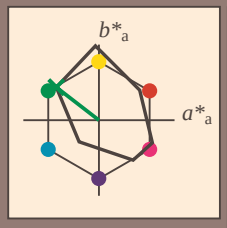


See for similar files: http://www.ps.bam.de/Fe77/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM registration: 20081001-Fe77/10L/L77e00FP.PDF/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS12_95a 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

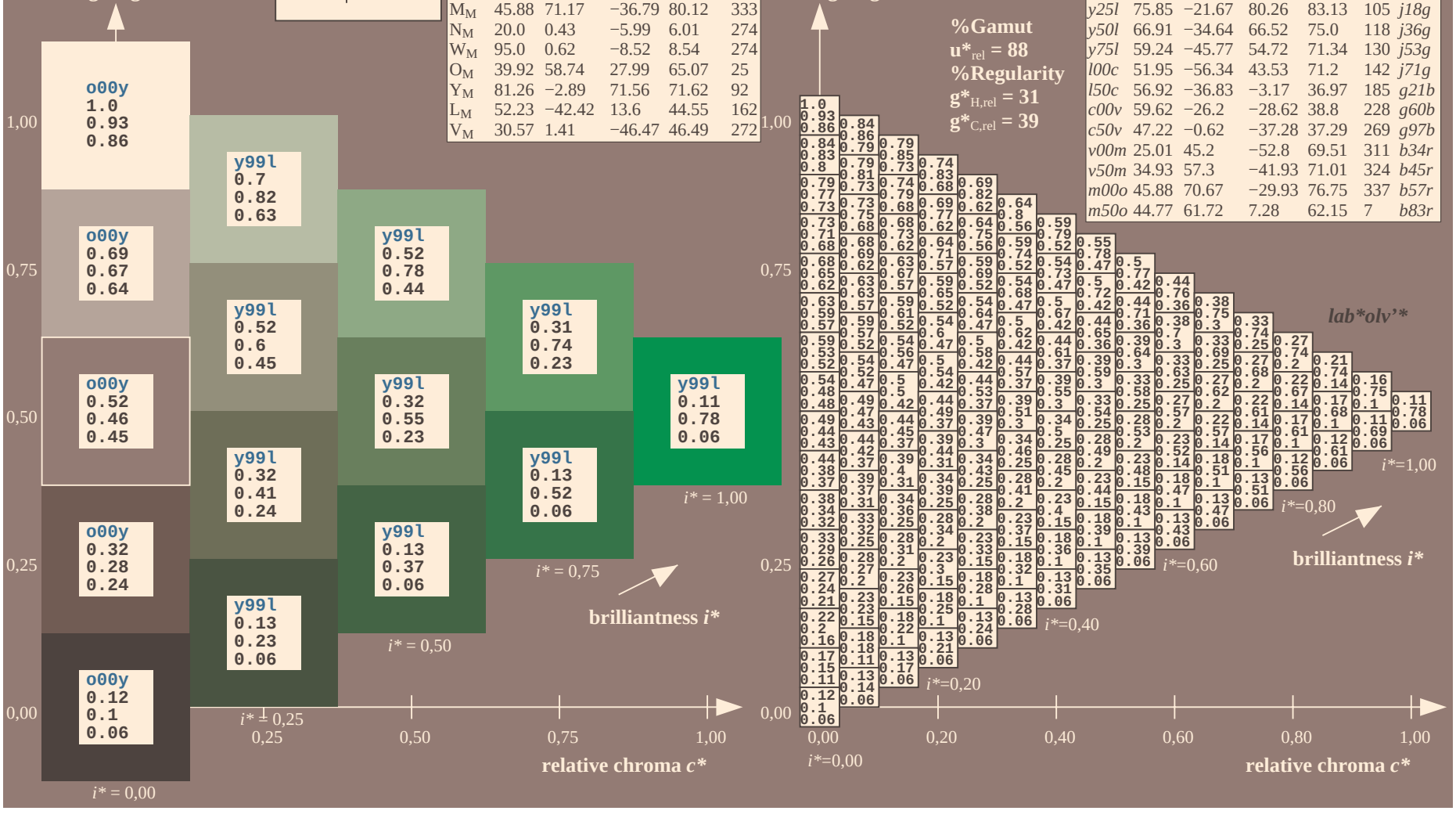
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	43.8	54.41	32.95	63.61	31
Y_M	87.58	−4.04	90.02	90.11	93
L_M	51.95	−55.83	36.46	66.68	147
C_M	59.62	−25.67	−35.94	44.17	234
V_M	25.01	45.64	−58.96	74.57	308
M_M	45.88	71.17	−36.79	80.12	333
N_M	20.0	0.43	−5.99	6.01	274
W_M	95.0	0.62	−8.52	8.54	274
O_M	39.92	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

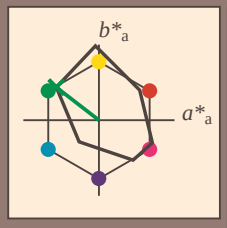
FRS12_95a; adapted (a) CIELAB data

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*



Input and output: Colorimetric Printer Reflective System FRS12_95a 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

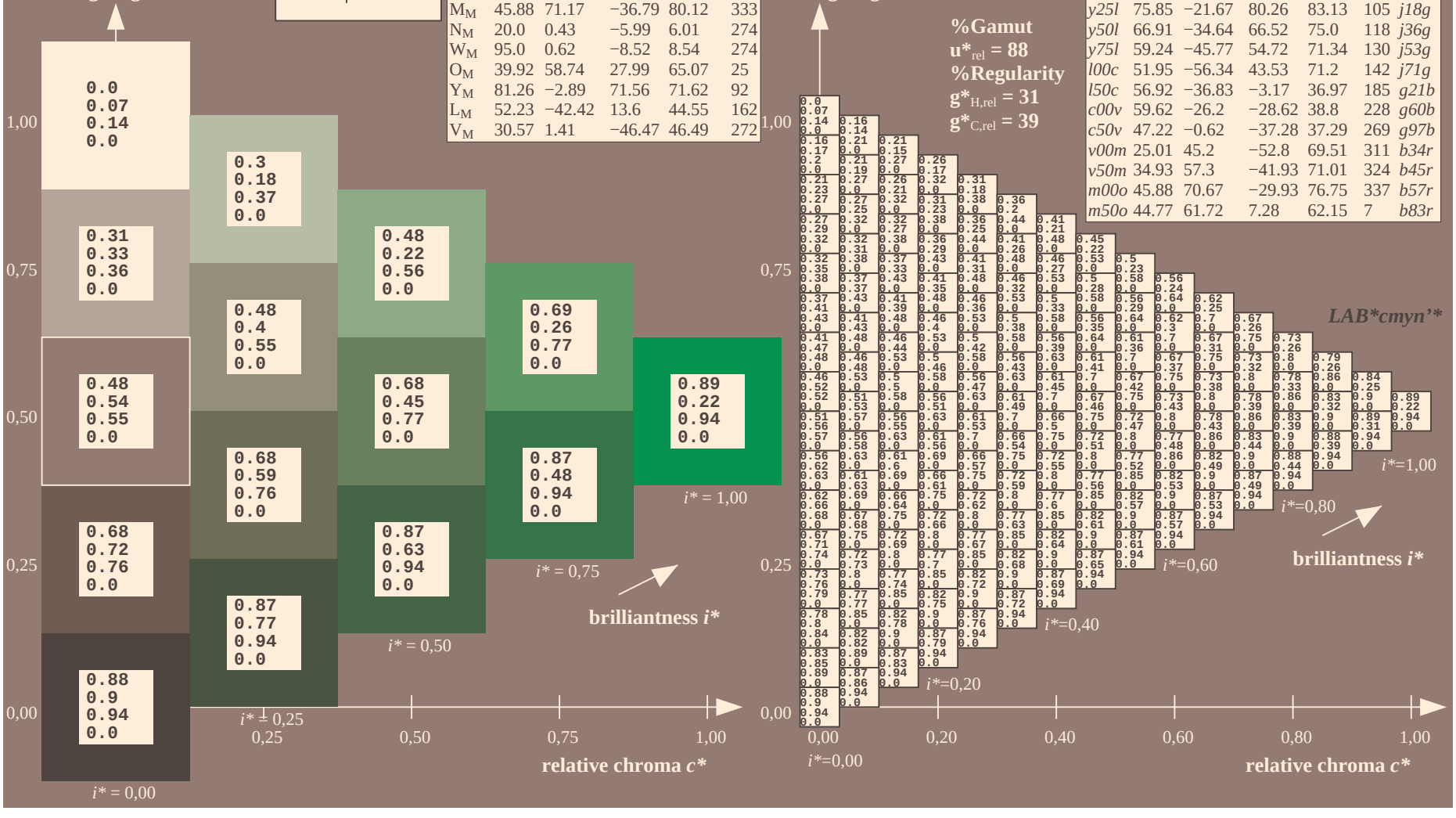
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 52 −56 44
$LAB^*LCH^*_{Ma}$: 52 71 142
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0
triangle lightness *t**

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

$u^*_d = l00c$
$LAB^*cmyn'^*$

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/Fe77/; www.ps.bam.de/Fe.HTM
Technical information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB, ColSpx=0

BAM registration: 20081001-Fe77/10L/L77e00FP.PDF/ .PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems