

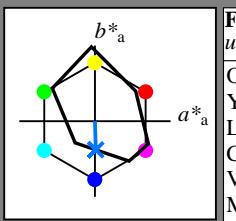
$u^*_e = b00r$

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Hue texts:

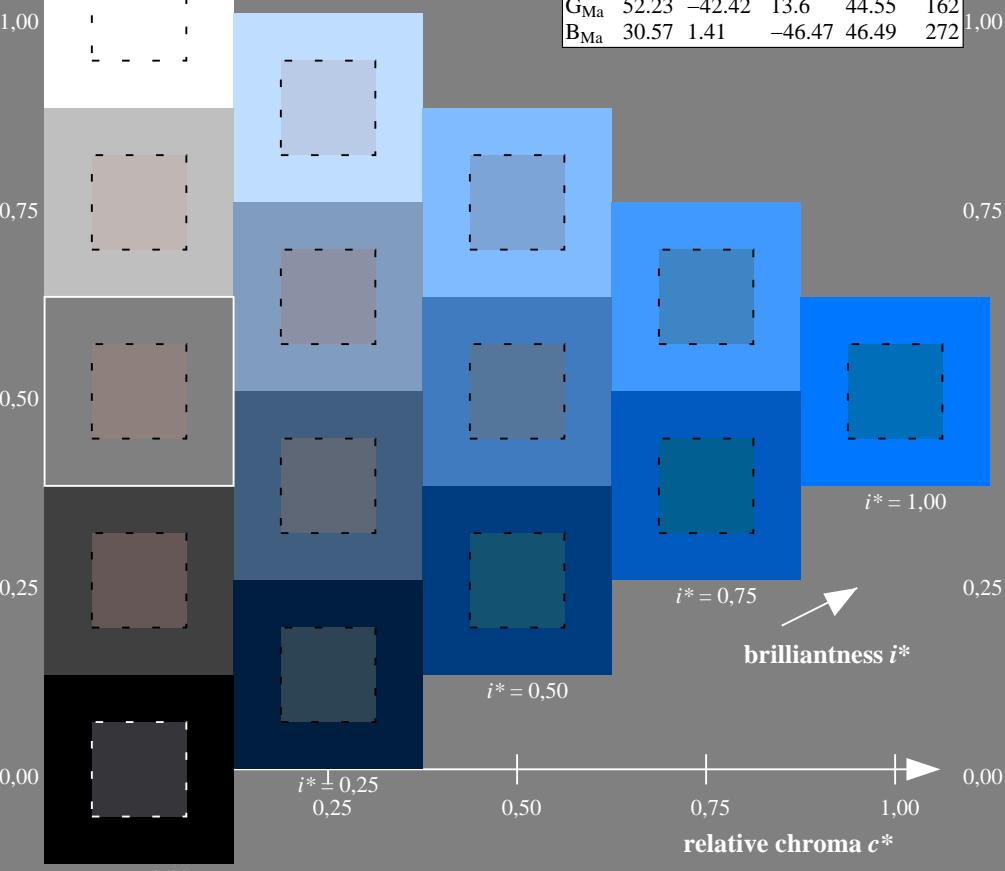
 $u^*_e = b00r \quad u^*_d = c53v$

contrast reduction factor:

 $c_R = 0.9$ triangle lightness t^* 

FRS12_95a; adapted (a) CIELAB data

	u^*_e	$L^* = L_a^*$	a^*_a	b^*_a	$C_{ab,a}^*$	$h_{ab,a}^*$	u^*_d
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		
R _{Ma}	39.92	58.74	27.99	65.07	25		
J _{Ma}	81.26	-2.89	71.56	71.62	92		
G _{Ma}	52.23	-42.42	13.6	44.55	162		
B _{Ma}	30.57	1.41	-46.47	46.49	272		



Data for maximum colour (Ma):

LAB*LAB*Ma: 46 1 -38

LAB*LCH*Ma: 46 38 271

lab*rgb*Ma: 0.0 0.0 1.0

lab*olv*Ma: 0.0 0.47 1.0

triangle lightness t^*

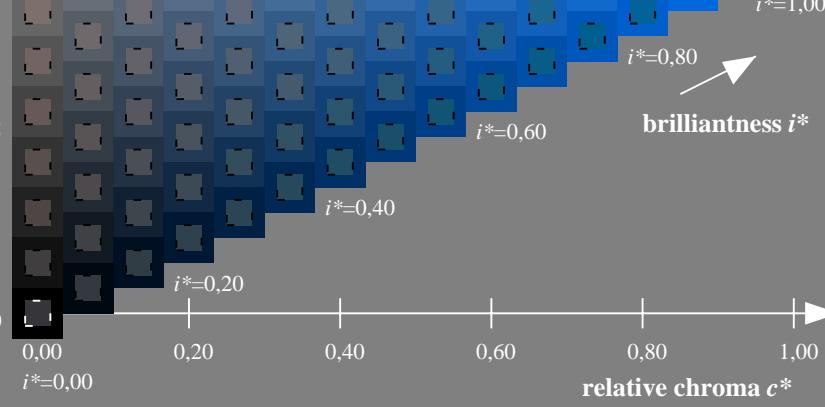
%Gamut

 $u^*_{rel} = 88$

%Regularity

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

	u^*_e	$L^* = L_a^*$	a^*_a	b^*_a	$C_{ab,a}^*$	$h_{ab,a}^*$	u^*_d
r00j	44.18	56.95	27.14	63.08	25	m81o	
r25j	47.38	49.13	44.53	66.31	42	o10y	
r50j	57.76	35.24	58.41	68.22	59	o40y	
r75j	69.81	19.13	74.52	76.94	76	o69y	
j00g	87.06	-3.94	97.58	97.66	92	o98y	
j25g	72.25	-26.89	74.73	79.42	110	y34l	
j50g	60.82	-43.48	57.15	71.81	127	y69l	
j75g	52.51	-54.15	38.27	66.31	145	l03c	
g00b	55.08	-44.06	14.13	46.27	162	l23c	
g25b	57.22	-35.64	-6.03	36.15	190	l55c	
g50b	58.9	-29.03	-21.86	36.34	217	l87c	
g75b	54.42	-15.48	-32.25	35.77	244	c20v	
b00r	46.36	1.15	-37.88	37.9	272	c53v	
b25r	33.76	27.14	-46.69	54.01	300	c87v	
b50r	38.71	61.92	-37.78	72.54	329	v67m	
b75r	45.08	64.27	-3.32	64.36	357	m33o	



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

c

M

Y

O

V

L

Y

M

C

V

L

Y

M

C

V

L

Y

M

C

V

L

Y

M

C

V

L

Y

M

C

V

c

M

Y

O

V

L

Y

M

C

V

L

Y

M

C

V

L

Y

M

C

V

L

Y

M

C

V

L

Y

M

C

V

BAM-test chart Fe73; Relative Elementary Colour System
D65: colour scales and 9 data tables for 16 hues r00j to b75r

$u^*_e = b00r$

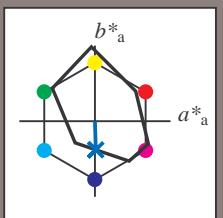
Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

Hue texts:

$u^*_e = b00r \quad u^*_d = c53v$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^* 

FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^* = L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

 $LAB^*LAB^*Ma: 46 1 -38$ $LAB^*LCH^*Ma: 46 38 271$ $lab^*rgb^*Ma: 0.0 0.0 1.0$ $lab^*olv^*Ma: 0.0 0.47 1.0$ triangle lightness t^*

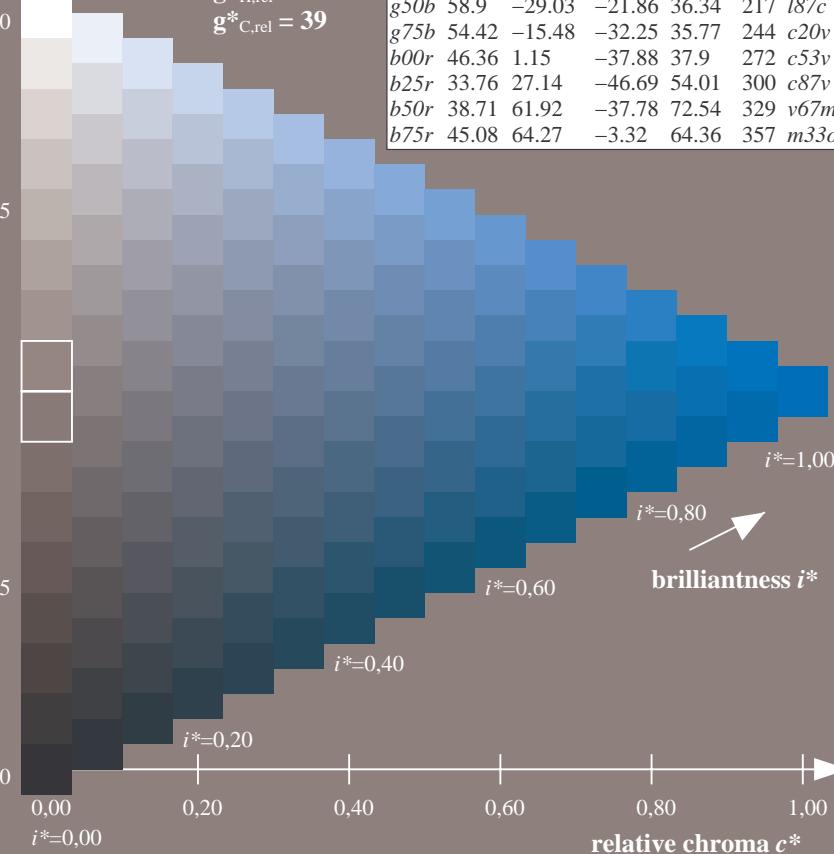
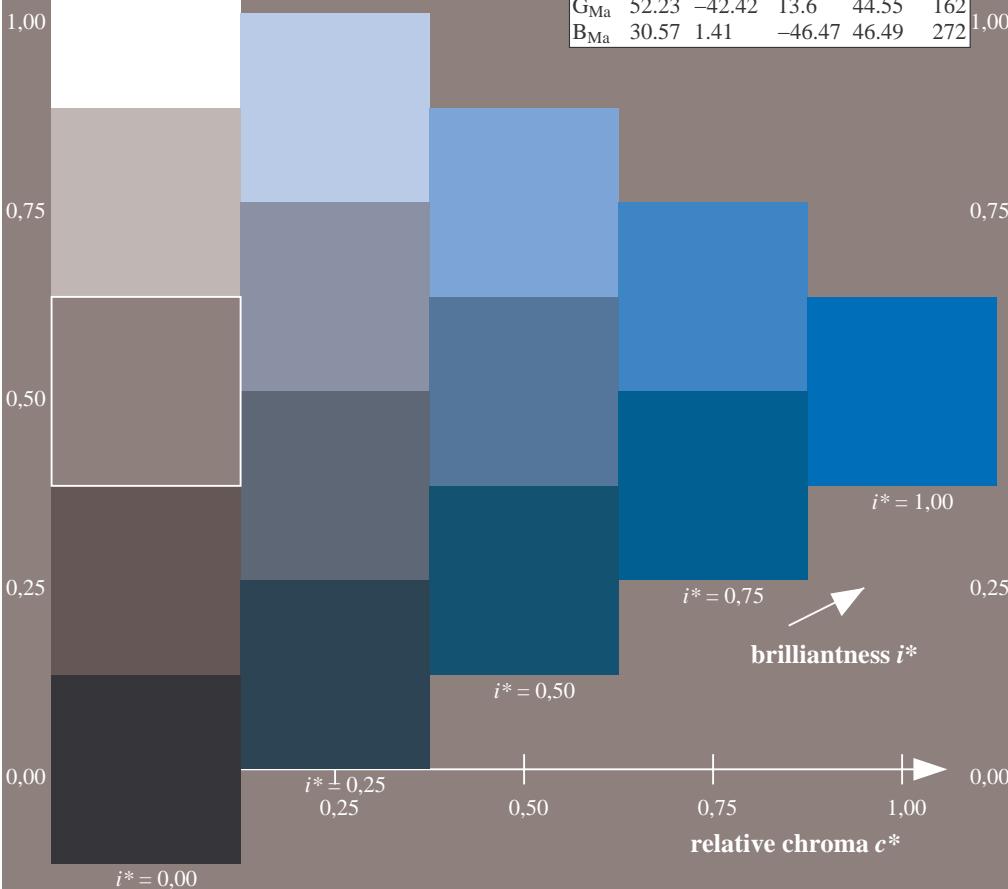
%Gamut

 $u^*_{rel} = 88$

%Regularity

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

FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	44.18	56.95	27.14	63.08	25 m81o
r25j	47.38	49.13	44.53	66.31	42 o10y
r50j	57.76	35.24	58.41	68.22	59 o40y
r75j	69.81	19.13	74.52	76.94	76 o69y
j00g	87.06	-3.94	97.58	97.66	92 o98y
j25g	72.25	-26.89	74.73	79.42	110 y34l
j50g	60.82	-43.48	57.15	71.81	127 y69l
j75g	52.51	-54.15	38.27	66.31	145 l03c
g00b	55.08	-44.06	14.13	46.27	162 l23c
g25b	57.22	-35.64	-6.03	36.15	190 l55c
g50b	58.9	-29.03	-21.86	36.34	217 l87c
g75b	54.42	-15.48	-32.25	35.77	244 c20v
b00r	46.36	1.15	-37.88	37.9	272 c53v
b25r	33.76	27.14	-46.69	54.01	300 c87v
b50r	38.71	61.92	-37.78	72.54	329 v67m
b75r	45.08	64.27	-3.32	64.36	357 m33o



BAM-test chart Fe73; Relative Elementary Colour System
D65: colour scales and 9 data tables for 16 hues r00j to b75r

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

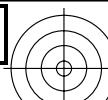
See for similar files: http://www.ps.bam.de/Fe73/

Technical information:

http://www.ps.bam.de

Version 2.1, io=11, ColSpx=0

BAM registration: 20081001-Fe73/10L/L73e00NA.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 $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$$u^*_e = b00r$$

$$lab^*olv^*$$

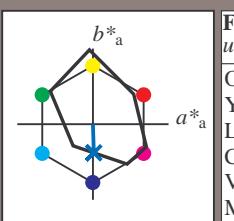
Hue texts:

$$u^*_e = b00r \quad u^*_d = c53v$$

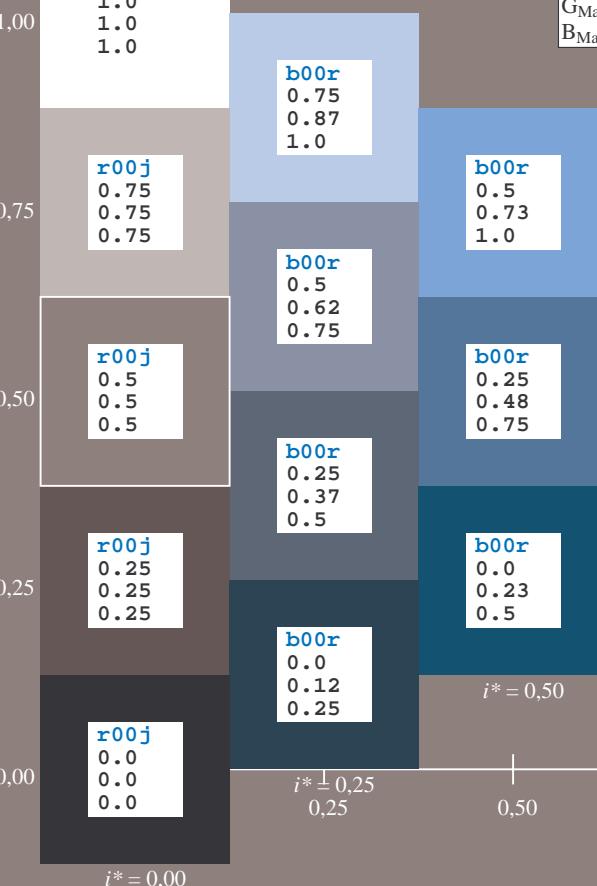
contrast reduction factor:

$$c_R = 0.9$$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^* = L_a^*$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272



Data for maximum colour (Ma):

$$LAB^*LAB^*Ma: 46 1 -38$$

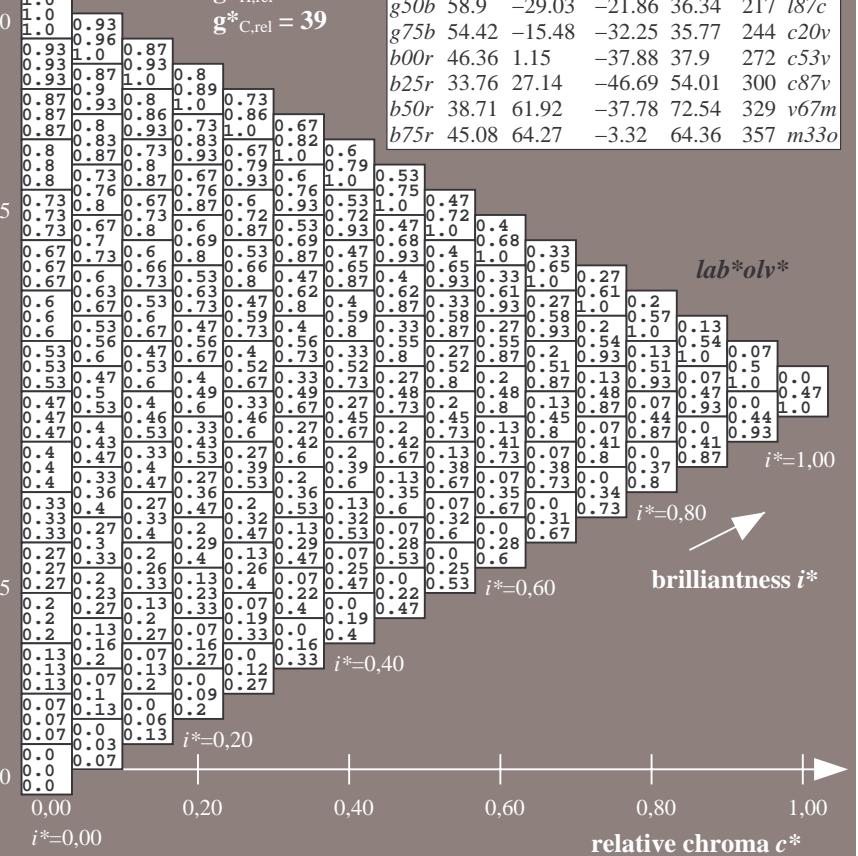
$$LAB^*LCH^*Ma: 46 38 271$$

$$lab^*rgb^*Ma: 0.0 0.0 1.0$$

$$lab^*olv^*Ma: 0.0 0.47 1.0$$

triangle lightness t^*

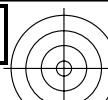
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 39$



BAM registration: 20081001-Fe73/10L/L73e00NA.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/Fe73/> www.ps.bam.de/Fe.HTML Technical information: <http://www.ps.bam.de>

Version 2.1, io=11, ColSpx=0



Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$$u^*_e = b00r \\ lab^*rgb^*$$

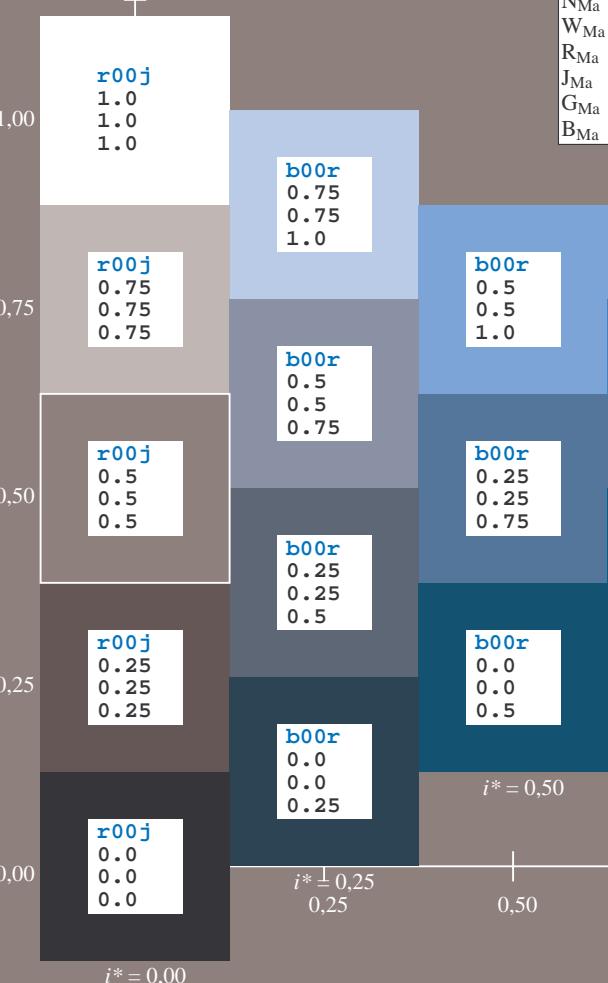
Hue texts:

$$u^*_e = b00r \quad u^*_d = c53v$$

contrast reduction factor:

$$c_R = 0.9$$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^* = L_a^*$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

LAB*LAB*Ma: 46 1 -38

LAB*LCH*Ma: 46 38 271

lab*rgb*Ma: 0.0 0.0 1.0

lab*olv*Ma: 0.0 0.47 1.0

triangle lightness t^*

%Gamut

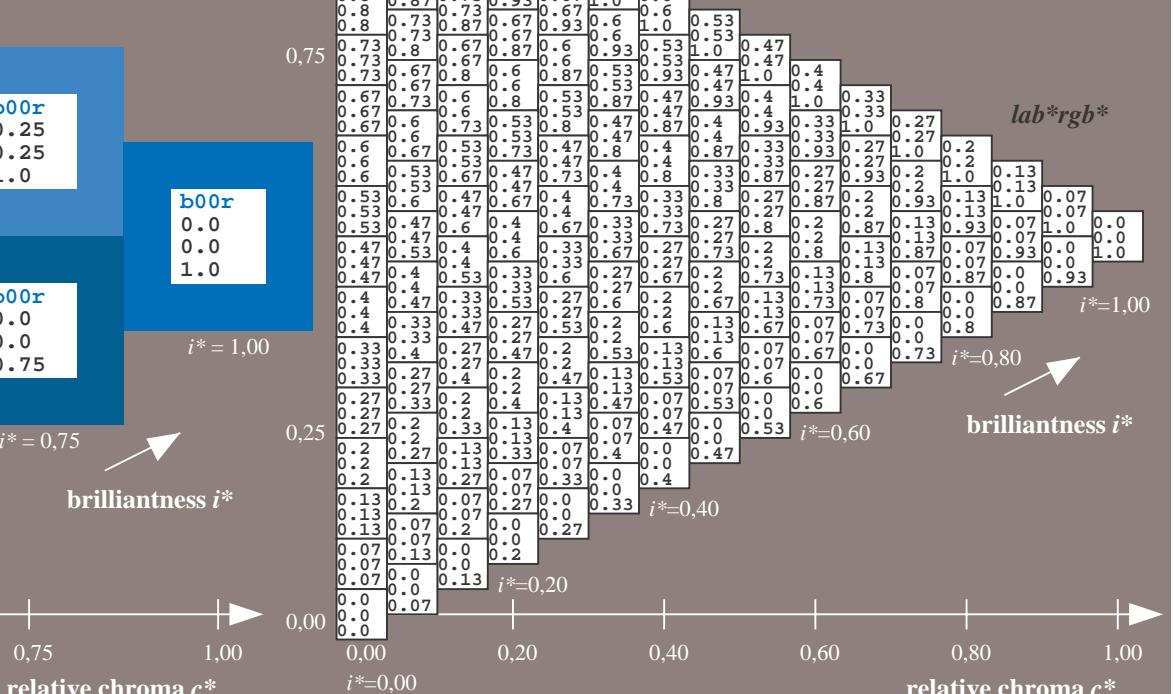
$u^*_{rel} = 88$

%Regularity

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

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

FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^* = L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	44.18	56.95	27.14	63.08	25
r25j	47.38	49.13	44.53	66.31	42
r50j	57.76	35.24	58.41	68.22	59
r75j	69.81	19.13	74.52	76.94	76
j00g	87.06	-3.94	97.58	97.66	92
j25g	72.25	-26.89	74.73	79.42	110
j50g	60.82	-43.48	57.15	71.81	127
j75g	52.51	-54.15	38.27	66.31	145
g00b	55.08	-44.06	14.13	46.27	162
g25b	57.22	-35.64	-6.03	36.15	190
g50b	58.9	-29.03	-21.86	36.34	217
g75b	54.42	-15.48	-32.25	35.77	244
b00r	46.36	1.15	-37.88	37.9	272
b25r	33.76	27.14	-46.69	54.01	300
b50r	38.71	61.92	-37.78	72.54	329
b75r	45.08	64.27	-3.32	64.36	357



Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$$u^*_e = b00r \\ LAB^*LAB^*_a$$

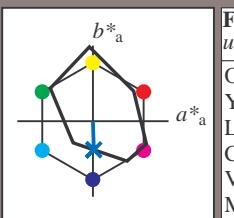
Hue texts:

$$u^*_e = b00r \quad u^*_d = c53v$$

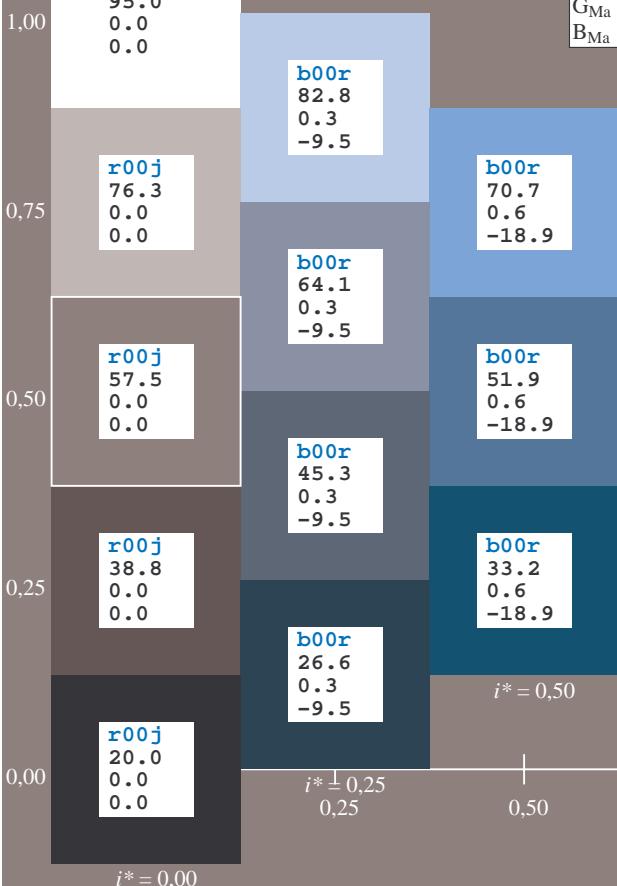
contrast reduction factor:

$$c_R = 0.9$$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^* = L_a^*$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272



Data for maximum colour (Ma):

$$LAB^*LAB^*Ma: 46 1 -38$$

$$LAB^*LCH^*Ma: 46 38 271$$

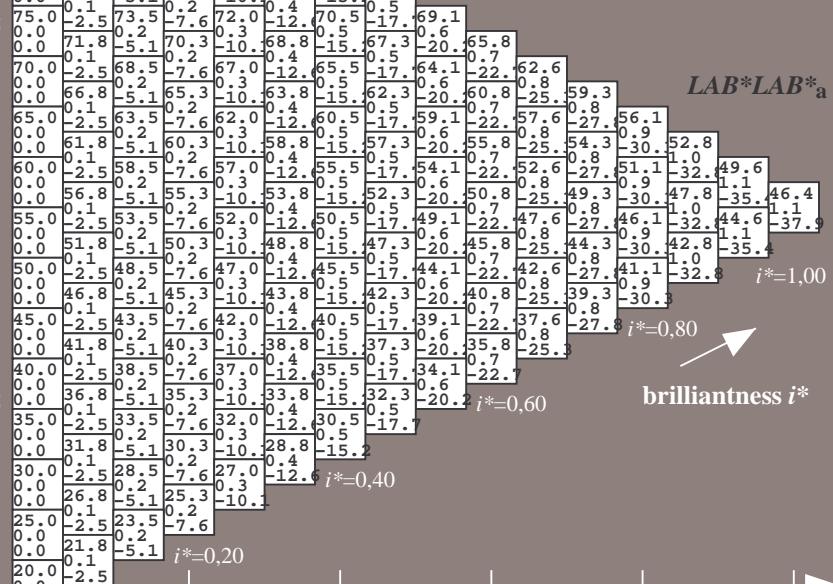
$$lab^*rgb^*Ma: 0.0 0.0 1.0$$

$$lab^*olv^*Ma: 0.0 0.47 1.0$$

triangle lightness t^*

$$\begin{aligned} &\% \text{Gamut} \\ &\mathbf{u^*_{rel} = 88} \\ &\% \text{Regularity} \\ &\mathbf{g^*_{H,rel} = 31} \\ &\mathbf{g^*_{C,rel} = 39} \end{aligned}$$

FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^* = L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	44.18	56.95	27.14	63.08	25
r25j	47.38	49.13	44.53	66.31	42
r50j	57.76	35.24	58.41	68.22	59
r75j	69.81	19.13	74.52	76.94	76
j00g	87.06	-3.94	97.58	97.66	92
j25g	72.25	-26.89	74.73	79.42	110
j50g	60.82	-43.48	57.15	71.81	127
j75g	52.51	-54.15	38.27	66.31	145
g00b	55.08	-44.06	14.13	46.27	162
g25b	57.22	-35.64	-6.03	36.15	190
g50b	58.9	-29.03	-21.86	36.34	217
g75b	54.42	-15.48	-32.25	35.77	244
b00r	46.36	1.15	-37.88	37.9	272
b25r	33.76	27.14	-46.69	54.01	300
b50r	38.71	61.92	-37.78	72.54	329
b75r	45.08	64.27	-3.32	64.36	357



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

BAM-test chart Fe73; Relative Elementary Colour System
D65: colour scales and 9 data tables for 16 hues r00j to b75r

BAM registration: 20081001-Fe73/10L/L73e00NA.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 $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$$u^*_e = b00r \\ LAB^*LCH^*_a$$

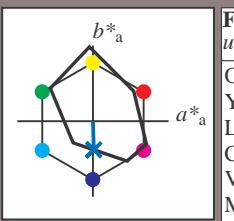
Hue texts:

$$u^*_e = b00r \quad u^*_d = c53v$$

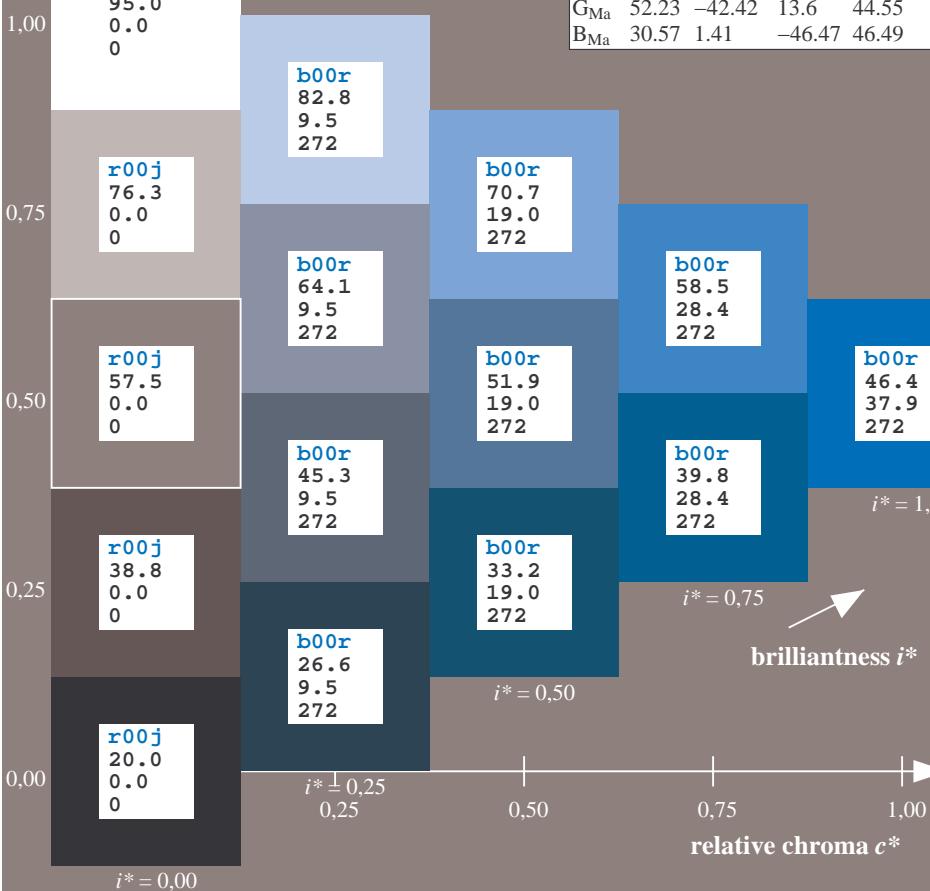
contrast reduction factor:

$$c_R = 0.9$$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^* = L_a^*$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272



Data for maximum colour (Ma):

$$LAB^*LAB^*Ma: 46 1 -38$$

$$LAB^*LCH^*Ma: 46 38 271$$

$$lab^*rgb^*Ma: 0.0 0.0 1.0$$

$$lab^*olv^*Ma: 0.0 0.47 1.0$$

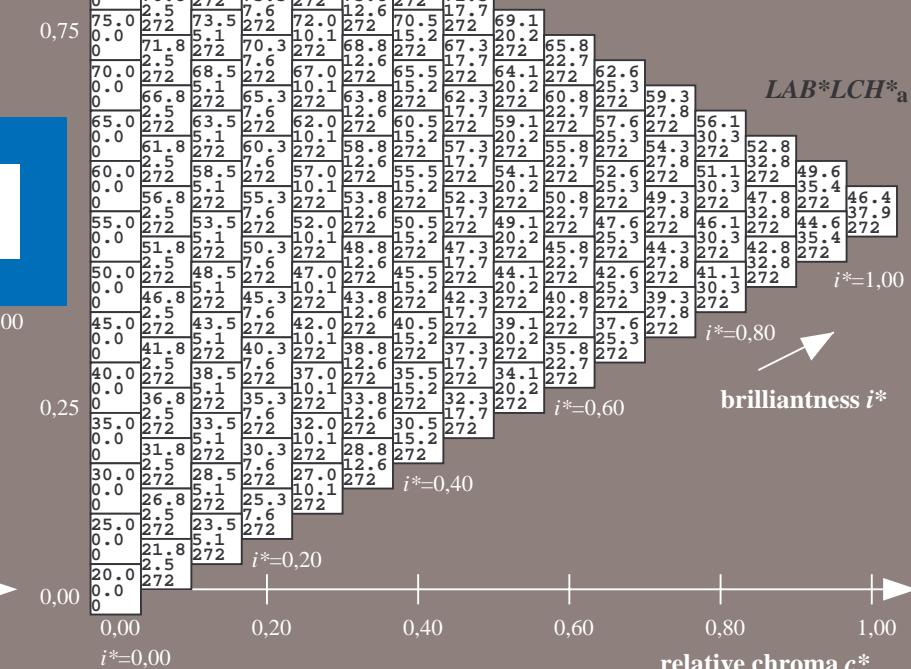
triangle lightness t^*

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

FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^* = L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	44.18	56.95	27.14	63.08	25
r25j	47.38	49.13	44.53	66.31	42
r50j	57.76	35.24	58.41	68.22	59
r75j	69.81	19.13	74.52	76.94	76
j00g	87.06	-3.94	97.58	97.66	92
j25g	72.25	-26.89	74.73	79.42	110
j50g	60.82	-43.48	57.15	71.81	127
j75g	52.51	-54.15	38.27	66.31	145
g00b	55.08	-44.06	14.13	46.27	162
g25b	57.22	-35.64	-6.03	36.15	190
g50b	58.9	-29.03	-21.86	36.34	217
g75b	54.42	-15.48	-32.25	35.77	244
b00r	46.36	1.15	-37.88	37.9	272
b25r	33.76	27.14	-46.69	54.01	300
b50r	38.71	61.92	-37.78	72.54	329
b75r	45.08	64.27	-3.32	64.36	357

BAM registration: 20081001-Fe73/10L/L73e00NA.TXT/.PS BAM material: code=rha4ta application for evaluation and measurement of printer or monitor systems

BAM-test chart Fe73; Relative Elementary Colour System D65: colour scales and 9 data tables for 16 hues r00j to b75r



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



c

M

M

Y

Y

L

L

V

Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$$u^*_e = b00r$$

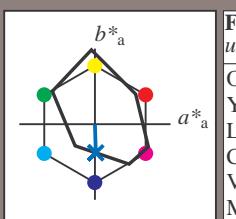
$$lab^*tch^*$$

Hue texts:

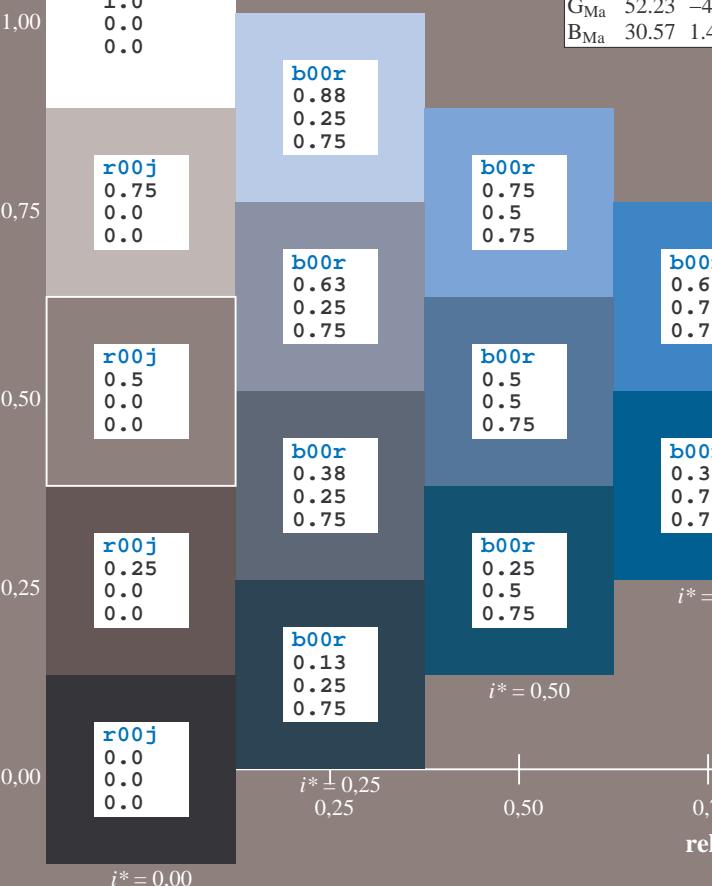
$$u^*_e = b00r \quad u^*_d = c53v$$

contrast reduction factor:

$$c_R = 0.9$$

triangle lightness t^* 

FRS12_95a; adapted (a) CIELAB data					
	u^*_e	$L^* = L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$
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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272



Data for maximum colour (Ma):

$$LAB^*LAB^*Ma: 46 1 -38$$

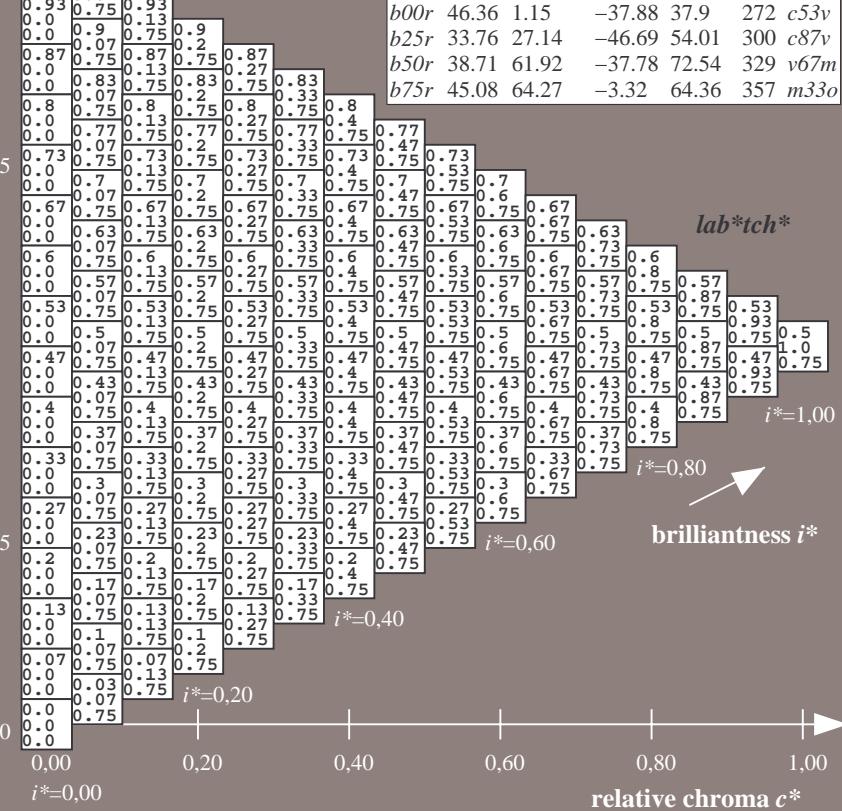
$$LAB^*LCH^*Ma: 46 38 271$$

$$lab^*rgb^*Ma: 0.0 0.0 1.0$$

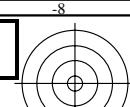
$$lab^*olv^*Ma: 0.0 0.47 1.0$$

triangle lightness t^*

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



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



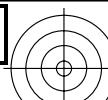
BAM registration: 20081001-Fe73/10L/L73e00NA.TXT/.PS

application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

D65: colour scales and 9 data tables for 16 hues r00j to b75r

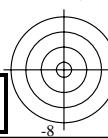
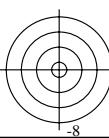
Version 2.1, io=11, ColSpx=0



c
M
Y
L
V

See for similar files: <http://www.ps.bam.de/Fe73/>
Technical information: <http://www.ps.bam.de>

V
M
Y
L
C
BAM registration: 20081001-Fe73/10L/L73e00NA.TXT/.PS
BAM material: code=rha4ta



Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$$u^*_e = b00r$$

$$lab^*icu^*_d$$

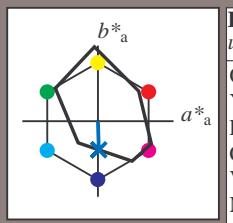
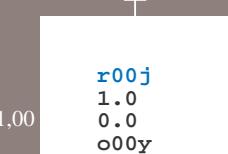
Hue texts:

$$u^*_e = b00r \quad u^*_d = c53v$$

contrast reduction factor:

$$c_R = 0.9$$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^* = L_a^*$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

1,00

0,75

0,50

0,25

0,00

r00j

1.0

0.0

o00y

r00j

0.75

0.0

o00y

r00j

0.5

0.0

o00y

r00j

0.25

0.0

o00y

r00j

0.0

0.0

o00y

i* = 0,00

b00r

1.0

0.25

c53v

b00r

0.75

0.25

c53v

b00r

0.5

0.5

c53v

b00r

0.25

0.25

c53v

b00r

0.0

0.0

o00y

i* = 0,25

b00r

1.0

0.5

c53v

b00r

0.75

0.5

c53v

b00r

0.5

0.75

c53v

b00r

0.25

0.75

c53v

b00r

0.0

0.0

o00y

i* = 0,50

b00r

1.0

0.75

c53v

b00r

0.75

0.75

c53v

b00r

0.5

0.75

c53v

b00r

0.25

0.75

c53v

b00r

0.0

0.0

o00y

i* = 0,75

b00r

1.0

1.0

c53v

b00r

0.75

1.0

c53v

b00r

0.5

1.0

c53v

b00r

0.25

1.0

c53v

b00r

0.0

0.0

o00y

i* = 1,00

Data for maximum colour (Ma):

LAB*LAB*Ma: 46 1 -38

LAB*LCH*Ma: 46 38 271

lab*rgb*Ma: 0.0 0.0 1.0

lab*olv*Ma: 0.0 0.47 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

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

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

FRS12_95a; adapted (a) CIELAB data

$u^*_e = b00r$

$lab^*icu^*_d$

$u^*_d = m81o$

$r25j = 47.38$

$44.53 = 66.31$

$42 = 145$

$o10y = 904y$

$r50j = 57.76$

$58.41 = 76.94$

$59 = 92$

$o98y = 103c$

$j00g = 55.08$

$-44.06 = 14.13$

$162 = 272$

$l23c = 337$

$r25b = 57.22$

$-35.64 = 36.15$

$190 = 217$

$l55c = 187c$

$g50b = 58.9$

$-29.03 = 32.78$

$36.34 = 329$

$v67m = 329$

$b75r = 45.08$

$-15.48 = 35.77$

$244 = 357$

$m33o = 357$

FRS12_95a; adapted (a) CIELAB data

$u^*_e = b00r$

$lab^*icu^*_d$

$u^*_d = m81o$

$r25j = 47.38$

$44.53 = 66.31$

$42 = 145$

$o10y = 904y$

$r50j = 57.76$

$58.41 = 76.94$

$59 = 92$

$o98y = 103c$

$j00g = 55.08$

$-44.06 = 14.13$

$162 = 272$

$l23c = 337$

$r25b = 57.22$

$-35.64 = 36.15$

$190 = 217$

$l55c = 187c$

$g50b = 58.9$

$-29.03 = 32.78$

$36.34 = 329$

$v67m = 329$

$b75r = 45.08$

$-15.48 = 35.77$

$244 = 357$

$m33o = 357$

$i^* = 1,00$

$i^* = 0,80$

$i^* = 0,60$

$i^* = 0,40$

$i^* = 0,20$

$i^* = 0,00$

input: 000n / w / nnn0 / www set...

output: ->cmy0* setcmykcolor

C

M

Y

V

L

O

C

M

Y

V

C

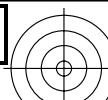
V

W

W

W

W



c
M
Y
L
V

See for similar files: <http://www.ps.bam.de/Fe73/>
Technical information: <http://www.ps.bam.de>

Version 2.1, io=11, ColSpx=0

BAM registration: 20081001-Fe73/10L/L73e00NA.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 $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$$u^*_e = b00r$$

$$LAB*LAB^*$$

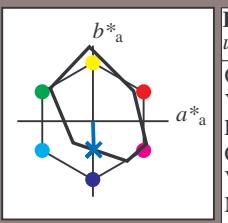
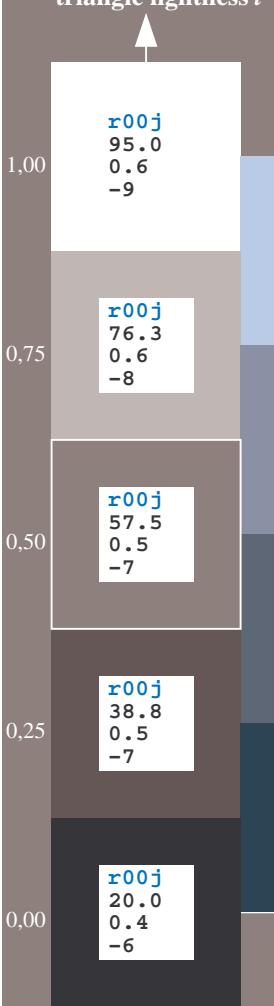
Hue texts:

$$u^*_e = b00r \quad u^*_d = c53v$$

contrast reduction factor:

$$c_R = 0.9$$

triangle lightness t^*



FRS12_95; CIELAB data					
u^*_e	$L^* = L^*$	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
R_M	39.92	58.74	27.99	65.07	25
J_M	81.26	-2.89	71.56	71.62	92
G_M	52.23	-42.42	13.6	44.55	162
B_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$$LAB*LAB^*Ma: 46 1 -38$$

$$LAB*LCH^*Ma: 46 38 271$$

$$lab*rgb^*Ma: 0.0 0.0 1.0$$

$$lab*olv^*Ma: 0.0 0.47 1.0$$

triangle lightness t^*

%Gamut

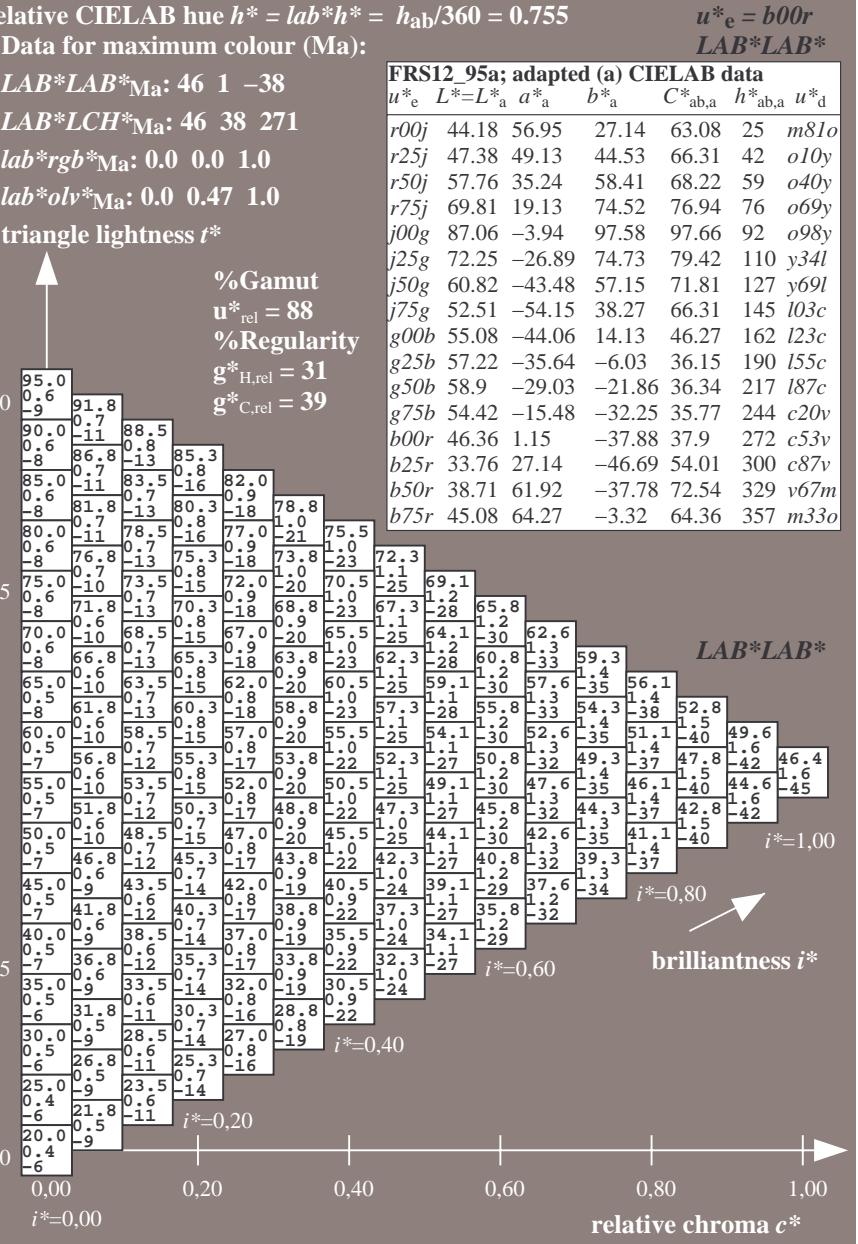
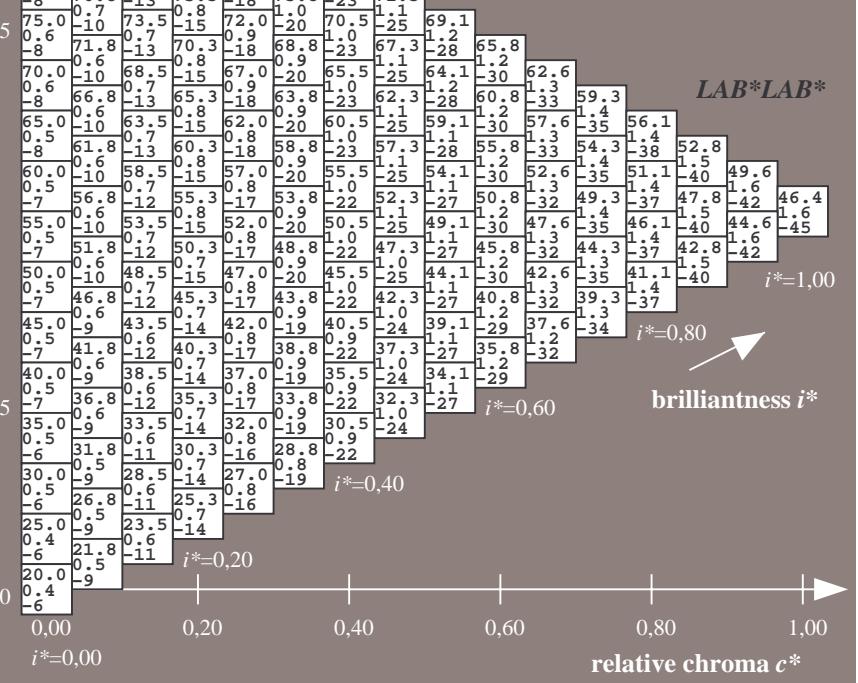
$$u^*_{rel} = 88$$

%Regularity

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

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

FRS12_95a; adapted (a) CIELAB data					
u^*_e	$L^* = L^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	44.18	56.95	27.14	63.08	25
r25j	47.38	49.13	44.53	66.31	42
r50j	57.76	35.24	58.41	68.22	59
r75j	69.81	19.13	74.52	76.94	76
j00g	87.06	-3.94	97.58	97.66	92
j25g	72.25	-26.89	74.73	79.42	110
j50g	60.82	-43.48	57.15	71.81	127
j75g	52.51	-54.15	38.27	66.31	145
g00b	55.08	-44.06	14.13	46.27	162
g25b	57.22	-35.64	-6.03	36.15	190
g50b	58.9	-29.03	-21.86	36.34	217
g75b	54.42	-15.48	-32.25	35.77	244
b00r	46.36	1.15	-37.88	37.9	272
b25r	33.76	27.14	-46.69	54.01	300
b50r	38.71	61.92	-37.78	72.54	329
b75r	45.08	64.27	-3.32	64.36	357



Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$$u^*_e = b00r \\ lab^*olv^*$$

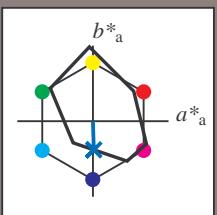
Hue texts:

$$u^*_e = b00r \quad u^*_d = c53v$$

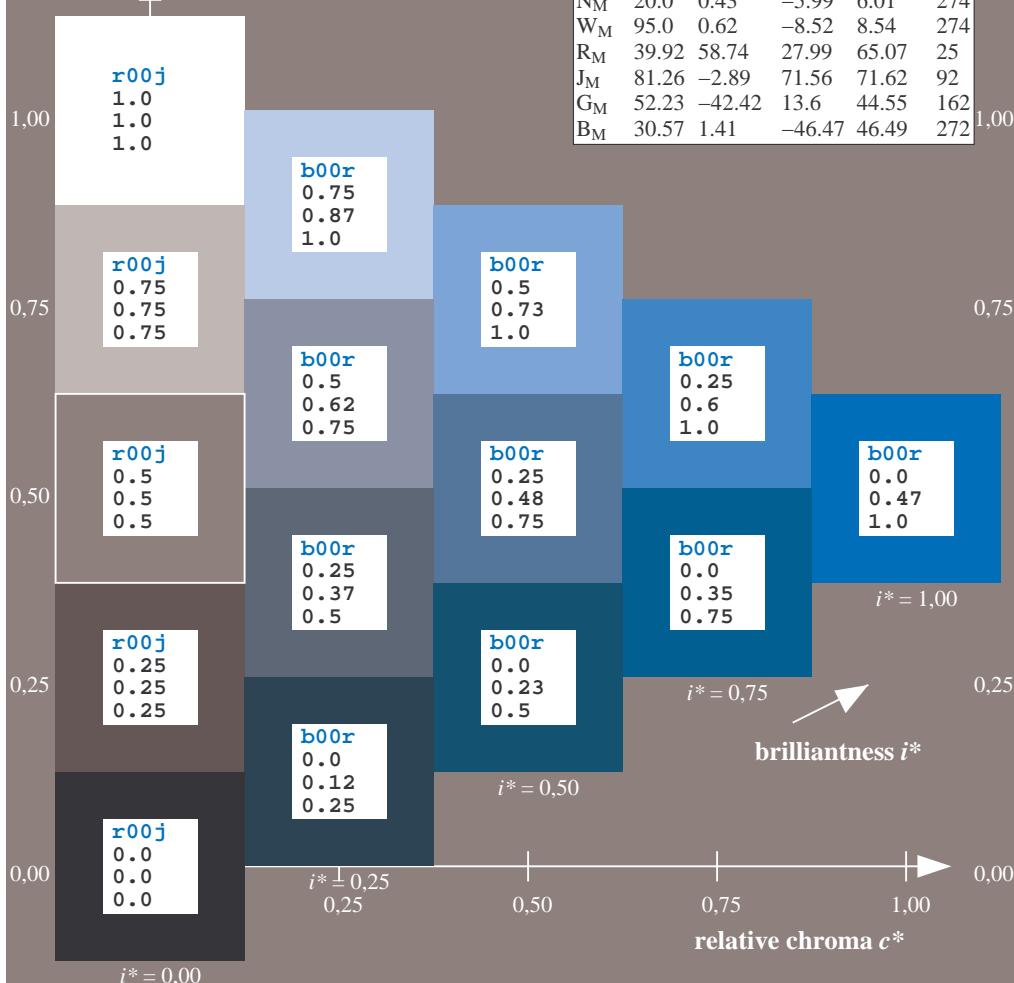
contrast reduction factor:

$$c_R = 0.9$$

triangle lightness t^*



FRS12_95a; CIELAB data						
	u^*_e	$L^* = L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	



Data for maximum colour (Ma):

LAB*LAB*Ma: 46 1 -38

LAB*LCH*Ma: 46 38 271

lab*rgb*Ma: 0.0 0.0 1.0

lab*olv*Ma: 0.0 0.47 1.0

triangle lightness t^*

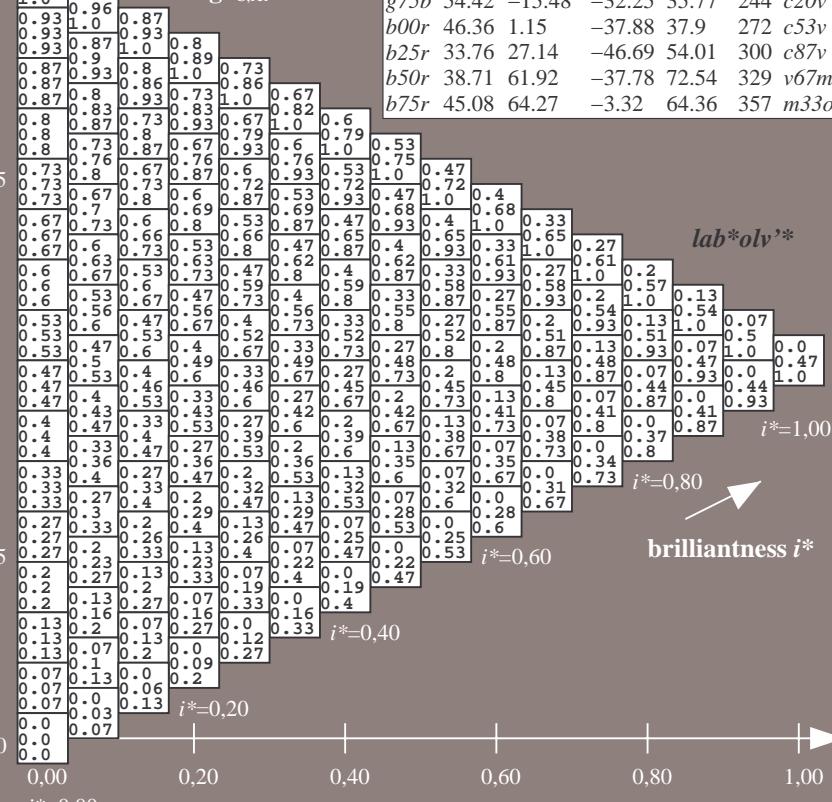
%Gamut

$$u^*_{rel} = 88$$

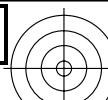
%Regularity

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

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



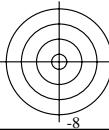
BAM registration: 20081001-Fe73/10L/L73e00NA.TXT/.PS BAM material: code=rha4ta application for evaluation and measurement of printer or monitor systems



c
M
Y
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K
L
O
V
C

See for similar files: <http://www.ps.bam.de/Fe73/>; www.ps.bam.de/Fe.HTML
Technical information: <http://www.ps.bam.de>

Version 2.1, io=11, ColSpx=0



Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

$u^*_e = b00r$
 LAB^*cmyn^*

BAM registration: 20081001-Fe73/10L/L73e00NA.TXT/.PS
BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

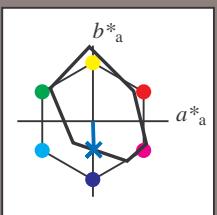
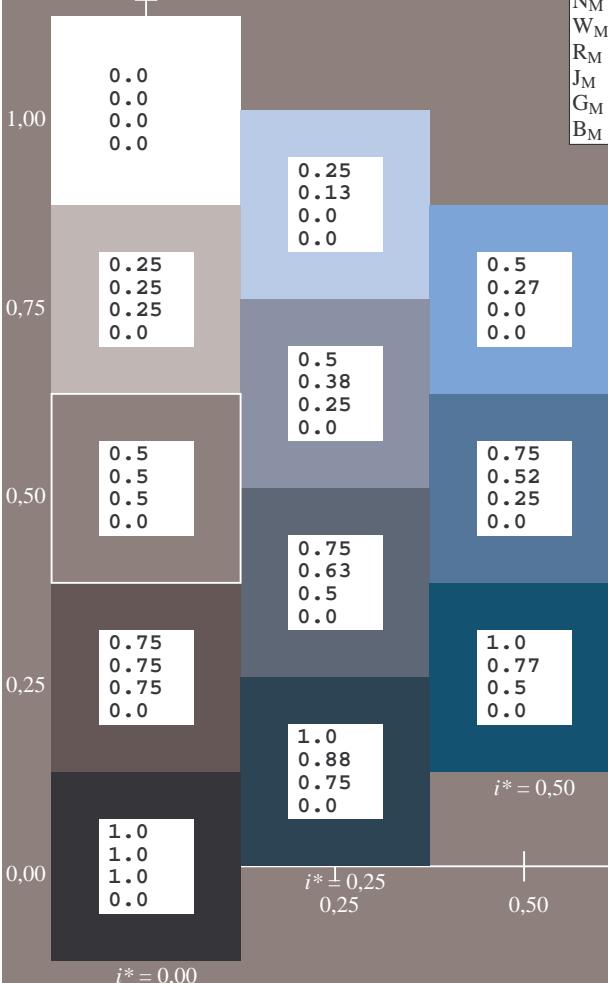
Hue texts:

$u^*_e = b00r$ $u^*_d = c53v$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; CIELAB data					
	u^*_e	$L^* = L^*$	a^*	b^*	C^*_{ab}
OM	43.8	54.41	32.95	63.61	31
YM	87.58	-4.04	90.02	90.11	93
LM	51.95	-55.83	36.46	66.68	147
CM	59.62	-25.67	-35.94	44.17	234
VM	25.01	45.64	-58.96	74.57	308
BM	45.88	71.17	-36.79	80.12	333
NM	20.0	0.43	-5.99	6.01	274
WM	95.0	0.62	-8.52	8.54	274
RM	39.92	58.74	27.99	65.07	25
JM	81.26	-2.89	71.56	71.62	92
GM	52.23	-42.42	13.6	44.55	162
BM	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*Ma: 46\ 1\ -38$

$LAB^*LCH^*Ma: 46\ 38\ 271$

$lab^*rgb^*Ma: 0.0\ 0.0\ 1.0$

$lab^*olv^*Ma: 0.0\ 0.47\ 1.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

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

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

FRS12_95a; adapted (a) CIELAB data					
	u^*_e	$L^* = L^*$	a^*_a	b^*_a	$C^*_{ab,a}$
r00j	44.18	56.95	27.14	63.08	25
r25j	47.38	49.13	44.53	66.31	42
r50j	57.76	35.24	58.41	68.22	59
r75j	69.81	19.13	74.52	76.94	76
j00g	87.06	-3.94	97.58	97.66	92
j25g	72.25	-26.89	74.73	79.42	110
j50g	60.82	-43.48	57.15	71.81	127
j75g	52.51	-54.15	38.27	66.31	145
g00b	55.08	-44.06	14.13	46.27	162
g25b	57.22	-35.64	-6.03	36.15	190
g50b	58.9	-29.03	-21.86	36.34	217
g75b	54.42	-15.48	-32.25	35.77	244
b00r	46.36	1.15	-37.88	37.9	272
b25r	33.76	27.14	-46.69	54.01	300
b50r	38.71	61.92	-37.78	72.54	329
b75r	45.08	64.27	-3.32	64.36	357

FRS12_95a; adapted (a) CIELAB data					
	u^*_e	$L^* = L^*$	a^*_a	b^*_a	$C^*_{ab,a}$
r00j	44.18	56.95	27.14	63.08	25
r25j	47.38	49.13	44.53	66.31	42
r50j	57.76	35.24	58.41	68.22	59
r75j	69.81	19.13	74.52	76.94	76
j00g	87.06	-3.94	97.58	97.66	92
j25g	72.25	-26.89	74.73	79.42	110
j50g	60.82	-43.48	57.15	71.81	127
j75g	52.51	-54.15	38.27	66.31	145
g00b	55.08	-44.06	14.13	46.27	162
g25b	57.22	-35.64	-6.03	36.15	190
g50b	58.9	-29.03	-21.86	36.34	217
g75b	54.42	-15.48	-32.25	35.77	244
b00r	46.36	1.15	-37.88	37.9	272
b25r	33.76	27.14	-46.69	54.01	300
b50r	38.71	61.92	-37.78	72.54	329
b75r	45.08	64.27	-3.32	64.36	357

FRS12_95a; adapted (a) CIELAB data					
	u^*_e	$L^* = L^*$	a^*_a	b^*_a	$C^*_{ab,a}$
r00j	44.18	56.95	27.14	63.08	25
r25j	47.38	49.13	44.53	66.31	42
r50j	57.76	35.24	58.41	68.22	59
r75j	69.81	19.13	74.52	76.94	76
j00g	87.06	-3.94	97.58	97.66	92
j25g	72.25	-26.89	74.73	79.42	110
j50g	60.82	-43.48	57.15	71.81	127
j75g	52.51	-54.15	38.27	66.31	145
g00b	55.08	-44.06	14.13	46.27	162
g25b	57.22	-35.64	-6.03	36.15	190
g50b	58.9	-29.03	-21.86	36.34	217
g75b	54.42	-15.48	-32.25	35.77	244
b00r	46.36	1.15	-37.88	37.9	272
b25r	33.76	27.14	-46.69	54.01	300
b50r	38.71	61.92	-37.78	72.54	329
b75r	45.08	64.27	-3.32	64.36	357

FRS12_95a; adapted (a) CIELAB data					
	u^*_e	$L^* = L^*$	a^*_a	b^*_a	$C^*_{ab,a}$
r00j	44.18	56.95	27.14	63.08	25
r25j	47.38	49.13	44.53	66.31	42
r50j	57.76	35.24	58.41	68.22	59
r75j	69.81	19.13	74.52	76.94	76
j00g	87.06	-3.94	97.58	97.66	92
j25g	72.25	-26.89	74.73	79.42	110
j50g	60.82	-43.48	57.15	71.81	127
j75g	52.51	-54.15	38.27	66.31	145
g00b	55.08	-44.06	14.13	46.27	162
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g75b	54.42	-15.48	-32.25	35.77	244
b00r	46.36	1.15	-37.88	37.9	272
b25r	33.76	27.14	-46.69	54.01	300
b50r	38.71	61.92	-37.78	72.54	329
b75r	45.08	64.27	-3.32	64.36	357

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r75j	69.81	19.13	74.52	76.94	76
j00g	87.06	-3.94	97.58	97.66	92
j25g	72.25	-26.89	74.73	79.42	110
j50g	60.82	-43.48	57.15	71.81	127
j75g	52.51	-54.15	38.27	66.31	145
g00b	55.08	-44.06	14.13	46.27	162
g25b	57.22	-35.64	-6.03	36.15	190
g50b	58.9	-29.03	-21.86	36.34	217
g75b	54.42	-15.48	-32.25	35.77	244
b00r	46.36	1.15	-37.88	37.9	272
b25r	33.76	27.14	-46.69	54.01	300
b50r	38.71	61.92	-37.78	72.54	329
b75r	45.08	64.27	-3.32	64.36	357

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	u^*_e	$L^* = L^*$	a^*_a	b^*_a	$C^*_{ab,a}$
r00j	44.18	56.95	27.14	63.08	25
r25j	47.38	49.13	44.53	66.31	42
r50j	57.76	35.24			