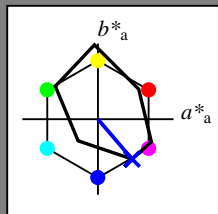


Input and output: Colorimetric Printer Reflective System FRS12\_95a, L\*=20\_95 for relative CIELAB hue  $h^* = lab^*h^* = h_{ab}/360 = 0.863$   
 data for any colour:

$lab^*tch^*$  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 <sub>Ma</sub>	43.8	53.91	39.75	66.98	36	
Y <sub>Ma</sub>	87.58	-4.65	98.29	98.4	93	
L <sub>Ma</sub>	51.95	-56.34	43.53	71.2	142	
C <sub>Ma</sub>	59.62	-26.2	-28.62	38.8	228	
V <sub>Ma</sub>	25.01	45.2	-52.8	69.51	311	
M <sub>Ma</sub>	45.88	70.67	-29.93	76.75	337	
N <sub>Ma</sub>	20.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.0	0.0	0.0	0.0	0	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

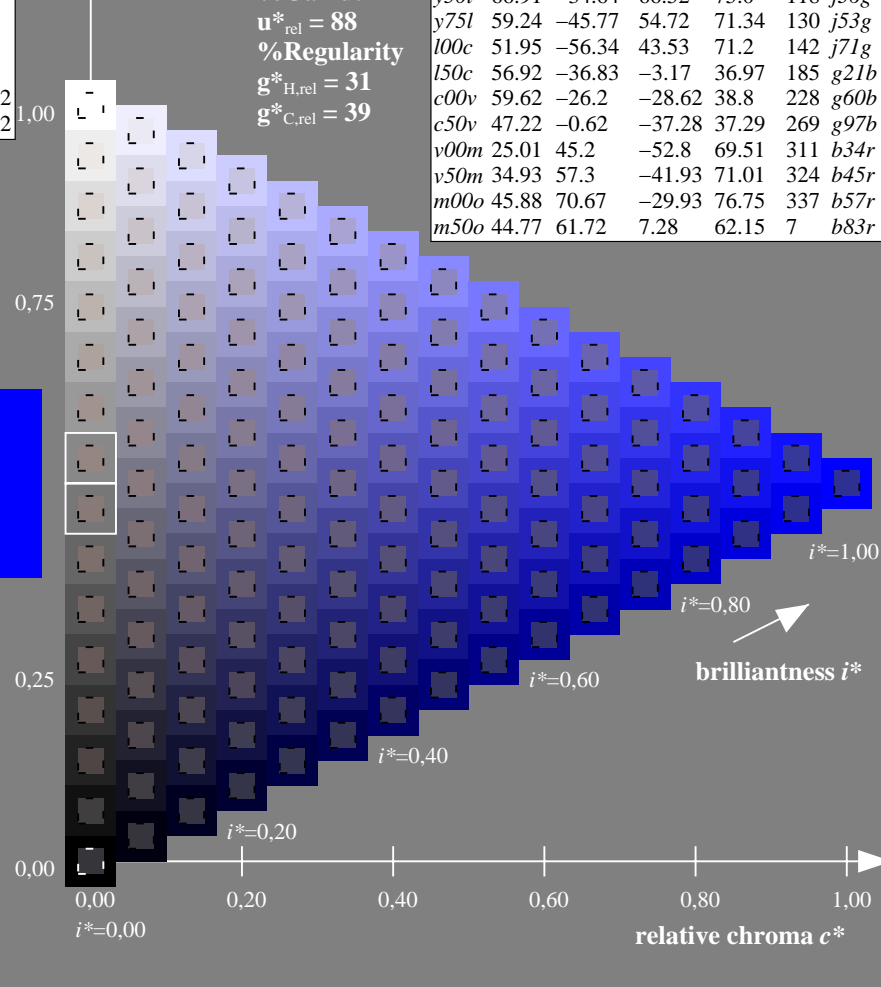
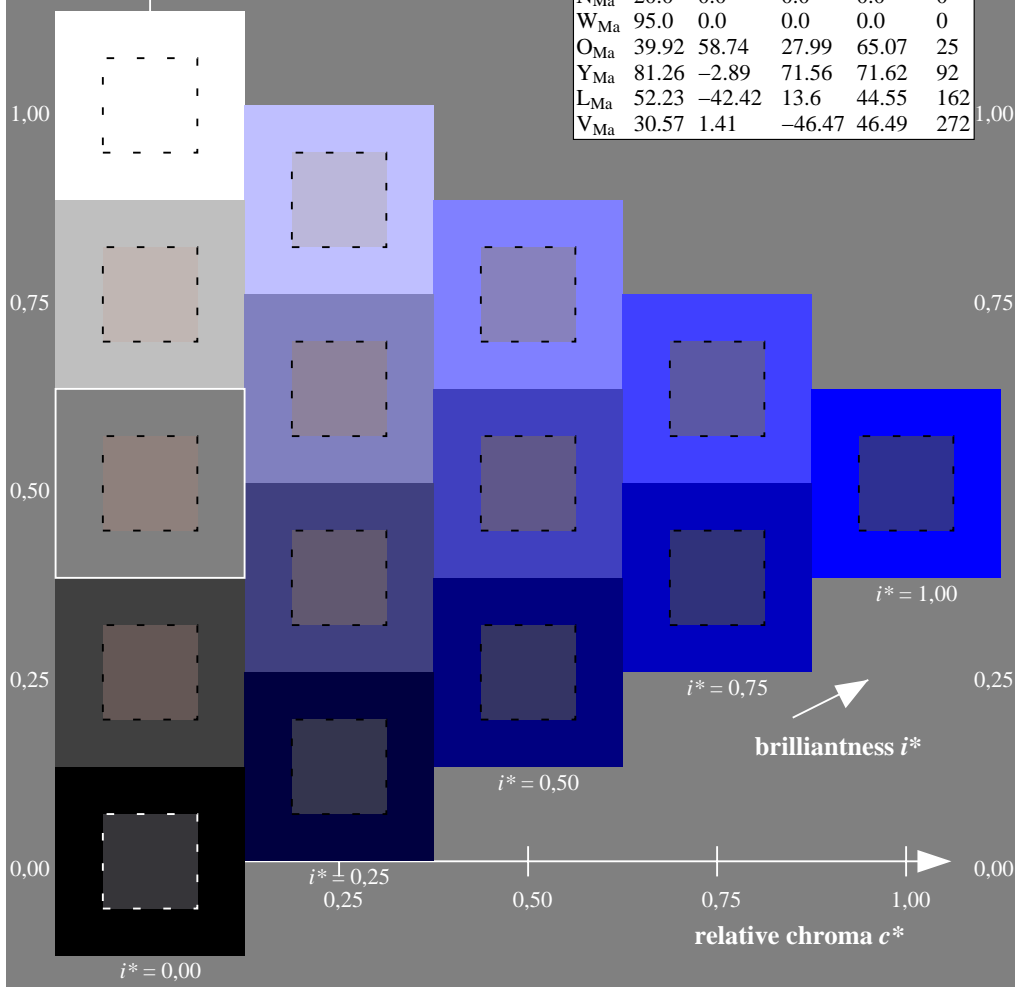
$LAB^*LAB^*_{Ma}$ : 25 45 -53  
 $LAB^*LCH^*_{Ma}$ : 25 70 310  
 $lab^*olv^*_{Ma}$ : 0.0 0.0 1.0  
 $lab^*rgb^*_{Ma}$ : 0.68 0.0 1.0

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

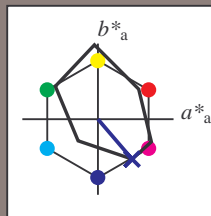


See for similar files: <http://www.ps.bam.de/Fe78/>; [www.ps.bam.de/Fe78/](http://www.ps.bam.de/Fe78/)  
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Fe78/10L/L78e00NA.TXT/ .PS BAM material: code=rhadata  
 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 <sub>Ma</sub>	43.8	53.91	39.75	66.98	36	
Y <sub>Ma</sub>	87.58	-4.65	98.29	98.4	93	
L <sub>Ma</sub>	51.95	-56.34	43.53	71.2	142	
C <sub>Ma</sub>	59.62	-26.2	-28.62	38.8	228	
V <sub>Ma</sub>	25.01	45.2	-52.8	69.51	311	
M <sub>Ma</sub>	45.88	70.67	-29.93	76.75	337	
N <sub>Ma</sub>	20.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.0	0.0	0.0	0.0	0	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

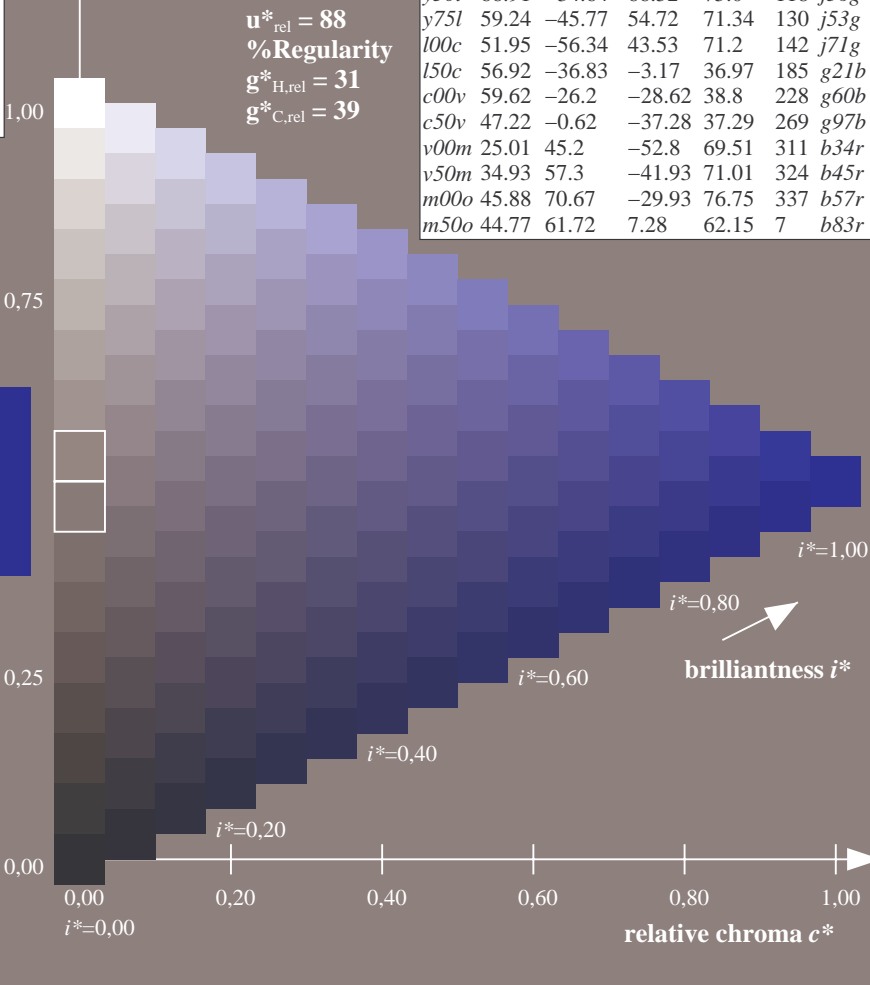
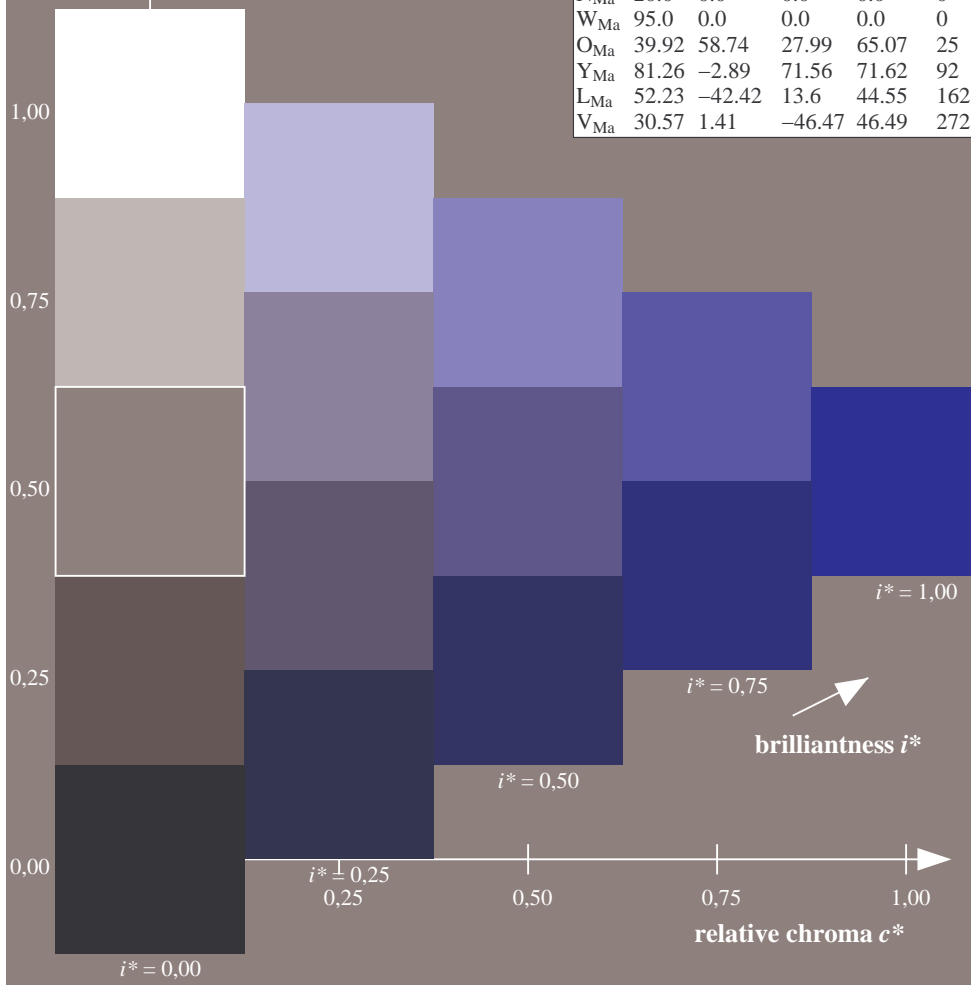
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$ : 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

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



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  $lab^*icu^*$

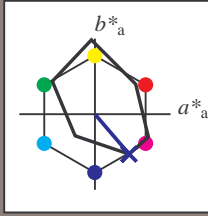
Hue texts:

$u^*_d = v00m$   $u^*_e = b34r$

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 <sub>Ma</sub>	43.8	53.91	39.75	66.98	36
Y <sub>Ma</sub>	87.58	-4.65	98.29	98.4	93
L <sub>Ma</sub>	51.95	-56.34	43.53	71.2	142
C <sub>Ma</sub>	59.62	-26.2	-28.62	38.8	228
V <sub>Ma</sub>	25.01	45.2	-52.8	69.51	311
M <sub>Ma</sub>	45.88	70.67	-29.93	76.75	337
N <sub>Ma</sub>	20.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.0	0.0	0.0	0.0	0
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	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

$u^*_{rel} = 88$

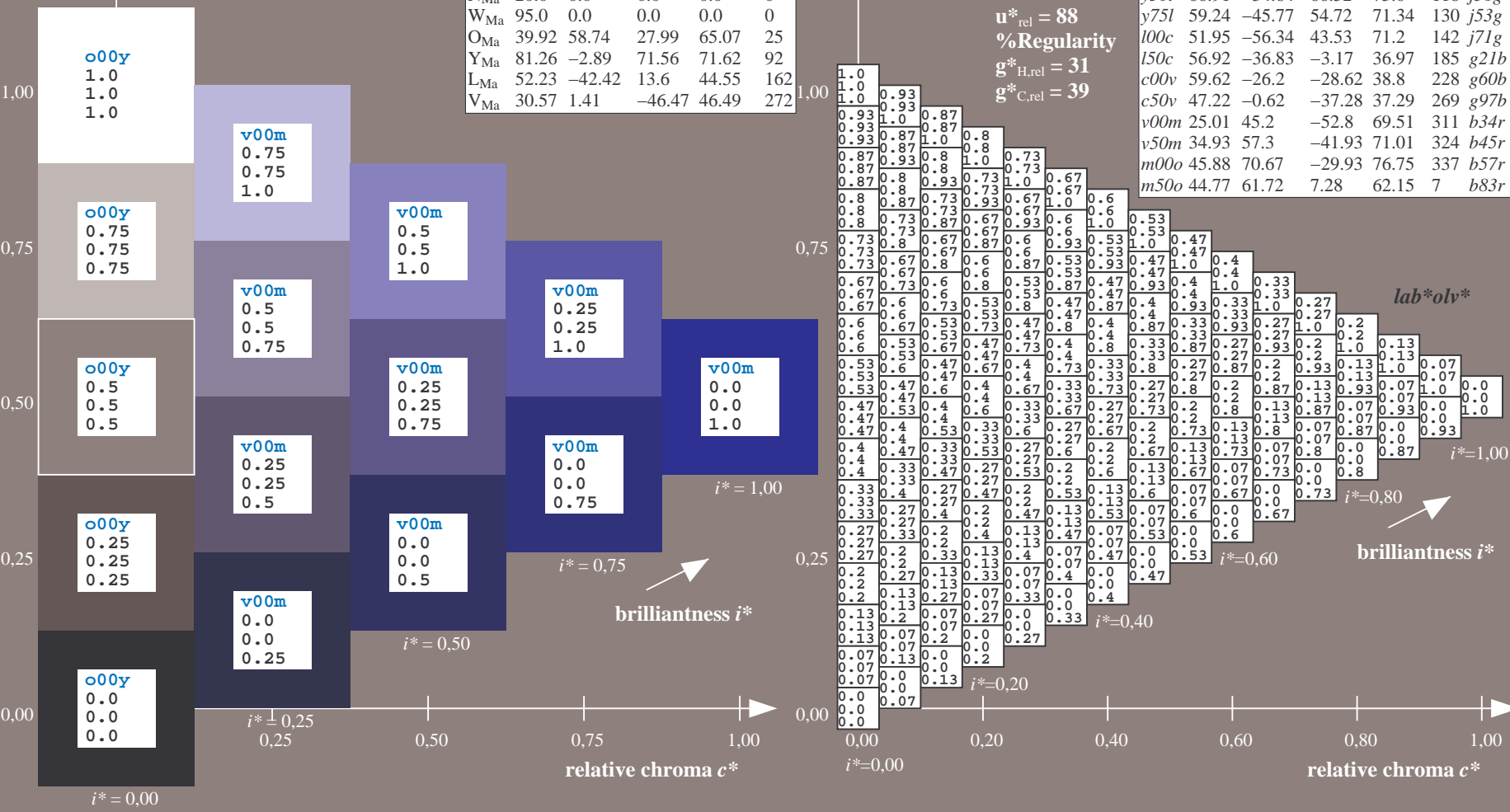
%Regularity

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

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

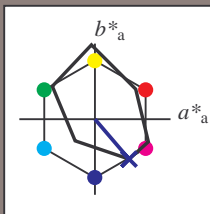
FRS12\_95a; adapted (a) CIELAB data

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	43.8	53.91	39.75	66.98	36	r16j
o25y	52.46	42.34	51.32	66.53	60	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, 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 <sub>Ma</sub>	43.8	53.91	39.75	66.98	36	
Y <sub>Ma</sub>	87.58	-4.65	98.29	98.4	93	
L <sub>Ma</sub>	51.95	-56.34	43.53	71.2	142	
C <sub>Ma</sub>	59.62	-26.2	-28.62	38.8	228	
V <sub>Ma</sub>	25.01	45.2	-52.8	69.51	311	
M <sub>Ma</sub>	45.88	70.67	-29.93	76.75	337	
N <sub>Ma</sub>	20.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.0	0.0	0.0	0.0	0	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

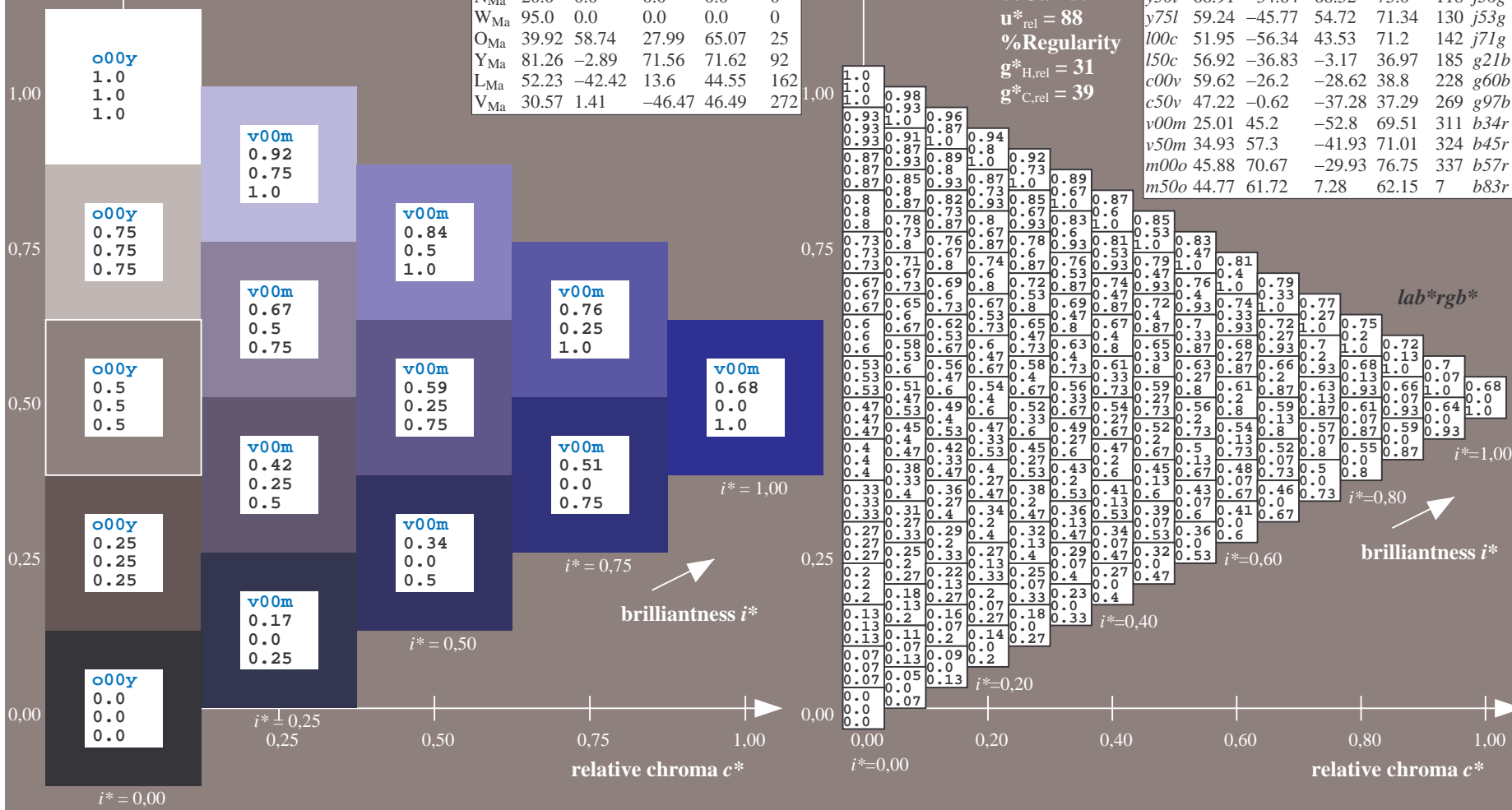
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$ : 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

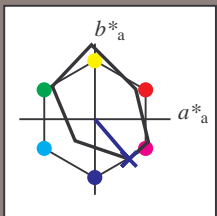
	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	43.8	53.91	39.75	66.98	36		r16j
o25y	52.46	42.34	51.32	66.53	50		r37j
o50y	61.53	30.2	63.46	70.28	65		r58j
o75y	72.39	15.68	77.97	79.53	79		r79j
y00l	87.58	-4.65	98.29	98.4	93		j01g
y25l	75.85	-21.67	80.26	83.13	105		j18g
y50l	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

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



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  $t^*$



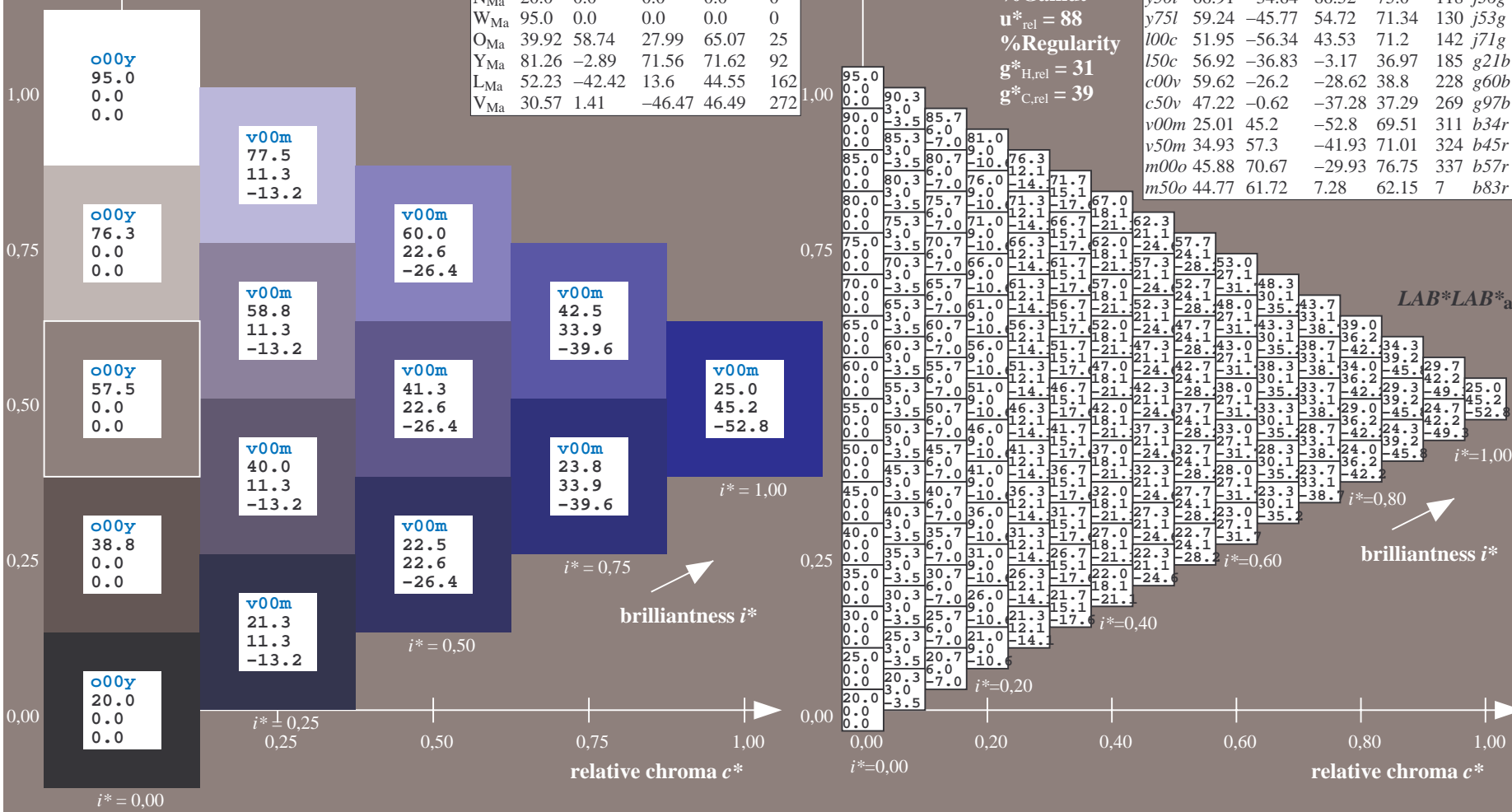
FRS12_95a; adapted (a) CIELAB data						
	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	43.8	53.91	39.75	66.98	36	
Y <sub>Ma</sub>	87.58	-4.65	98.29	98.4	93	
L <sub>Ma</sub>	51.95	-56.34	43.53	71.2	142	
C <sub>Ma</sub>	59.62	-26.2	-28.62	38.8	228	
V <sub>Ma</sub>	25.01	45.2	-52.8	69.51	311	
M <sub>Ma</sub>	45.88	70.67	-29.93	76.75	337	
N <sub>Ma</sub>	20.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.0	0.0	0.0	0.0	0	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	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							$u^*_d = v00m$	$LAB^*LAB^*_a$
	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
o00y	43.8	53.91	39.75	66.98	36			r16j
o25y	52.46	42.34	51.32	66.53	60			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  
 $g^*_{H,rel} = 31$   
 $g^*_{C,rel} = 39$

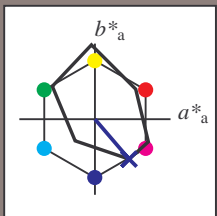


See for similar files: <http://www.ps.bam.de/Fe78/>; [www.ps.bam.de/Version 2.1, io=1,1, ColSpX=0](http://www.ps.bam.de/Version2.1,io=1,1,ColSpX=0)  
 Technical information: <http://www.ps.bam.de>

BAM registration: 20081001-Fe78/10L/L78e00NA.TXT/ .PS  
 application for evaluation and measurement of printer or monitor systems  
 BAM material: code=rhadata

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 <sub>Ma</sub>	43.8	53.91	39.75	66.98	36
Y <sub>Ma</sub>	87.58	-4.65	98.29	98.4	93
L <sub>Ma</sub>	51.95	-56.34	43.53	71.2	142
C <sub>Ma</sub>	59.62	-26.2	-28.62	38.8	228
V <sub>Ma</sub>	25.01	45.2	-52.8	69.51	311
M <sub>Ma</sub>	45.88	70.67	-29.93	76.75	337
N <sub>Ma</sub>	20.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.0	0.0	0.0	0.0	0
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

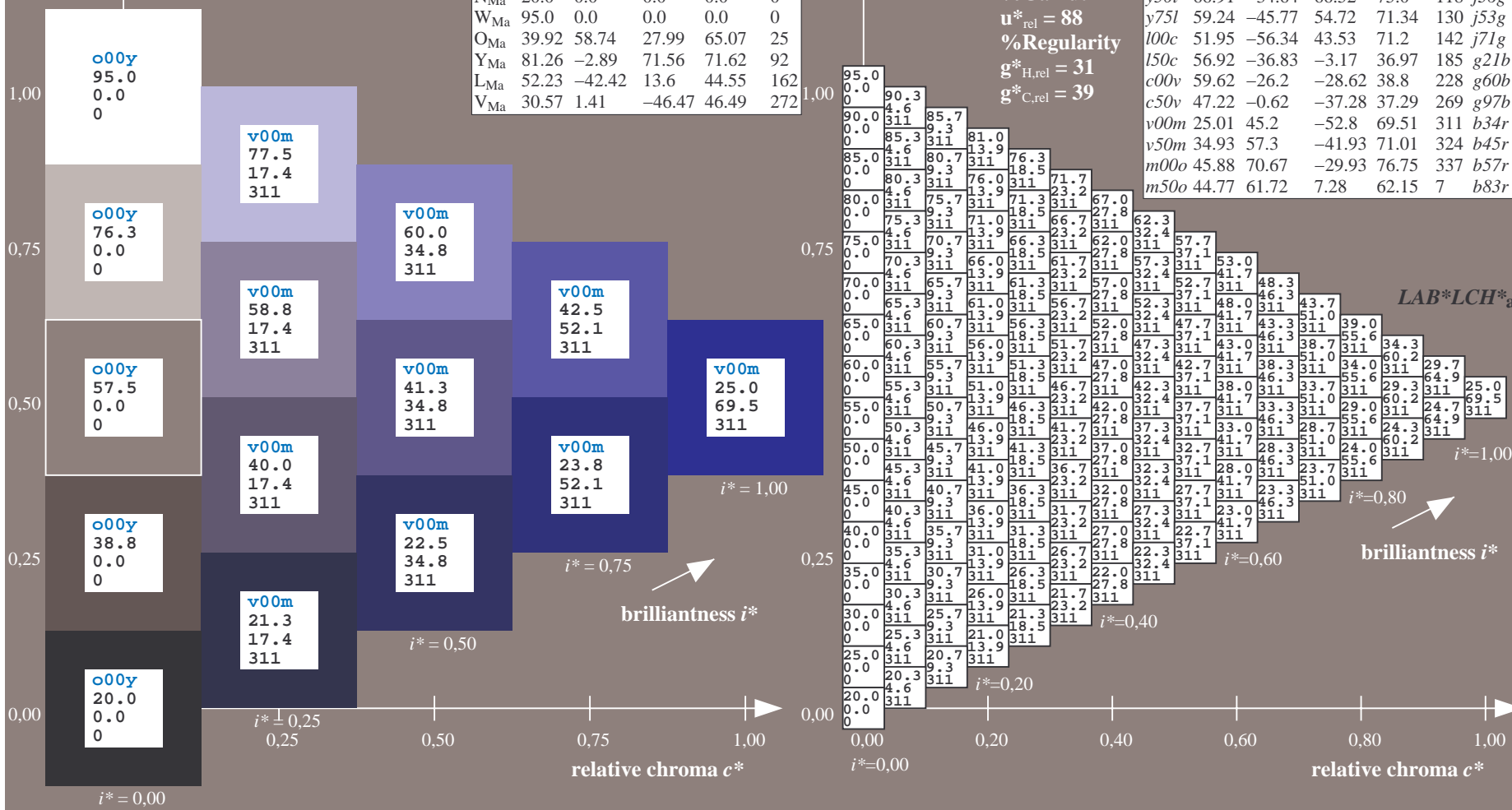
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$ : 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

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

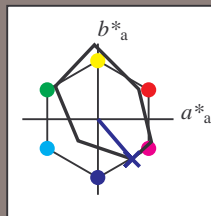


See for similar files: <http://www.ps.bam.de/Fe78/>; <http://www.ps.bam.de/Version2.1,io=1,1,Colspx=0>  
 Technical information: <http://www.ps.bam.de>

BAM registration: 20081001-Fe78/10L/L78e00NA.TXT/ .PS  
 application for evaluation and measurement of printer or monitor systems  
 BAM material: code=rhadata

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 <sub>Ma</sub>	43.8	53.91	39.75	66.98	36	
Y <sub>Ma</sub>	87.58	-4.65	98.29	98.4	93	
L <sub>Ma</sub>	51.95	-56.34	43.53	71.2	142	
C <sub>Ma</sub>	59.62	-26.2	-28.62	38.8	228	
V <sub>Ma</sub>	25.01	45.2	-52.8	69.51	311	
M <sub>Ma</sub>	45.88	70.67	-29.93	76.75	337	
N <sub>Ma</sub>	20.0	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.0	0.0	0.0	0.0	0	
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	

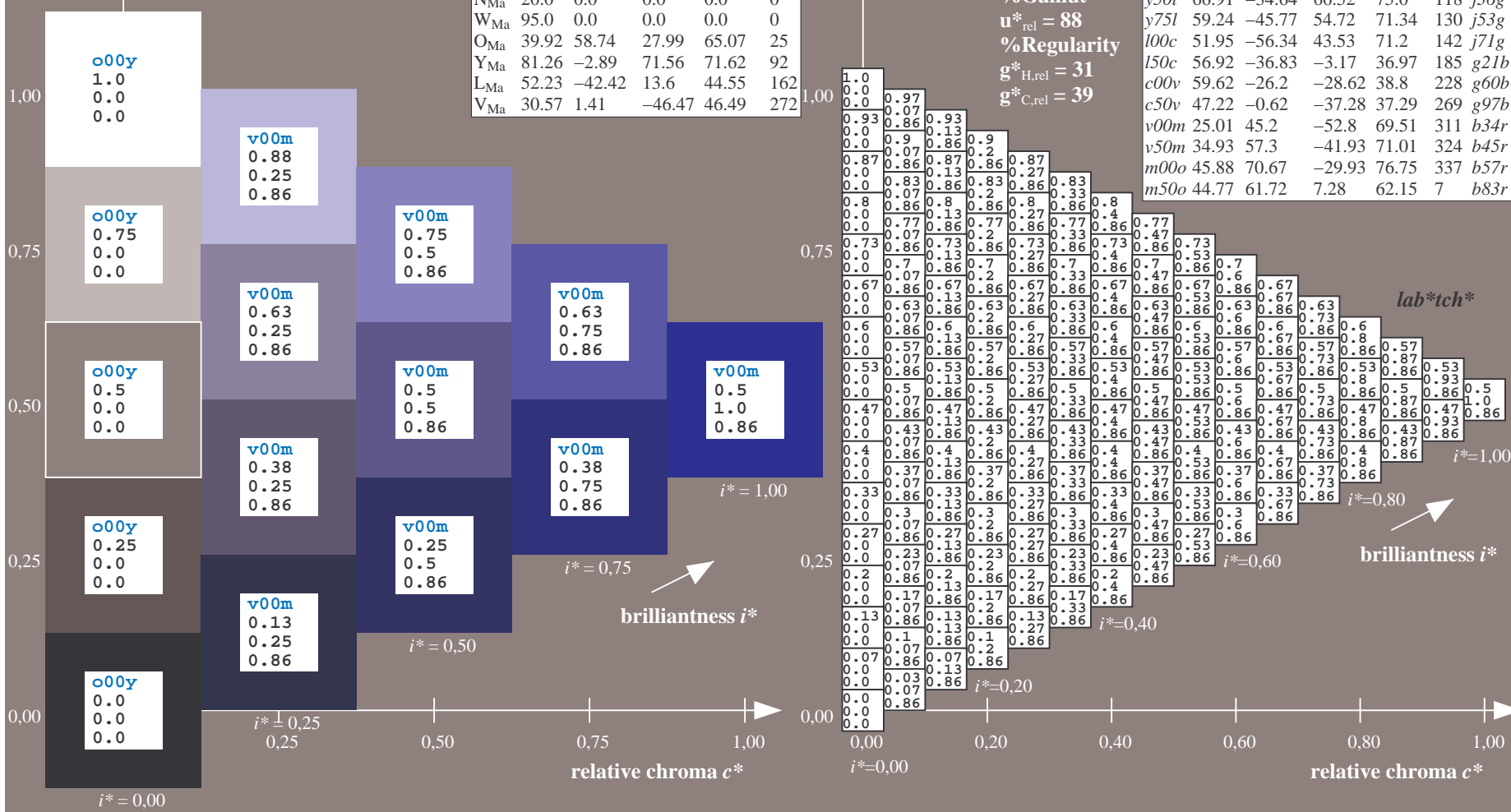
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$ : 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	60		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  
 $g^*_{H,rel} = 31$   
 $g^*_{C,rel} = 39$

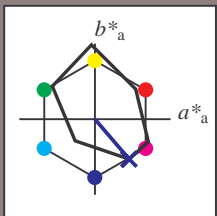


See for similar files: <http://www.ps.bam.de/Fe78/>; [www.ps.bam.de/Fe78/Version 2.1, io=1, ColSpx=0](http://www.ps.bam.de/Fe78/Version 2.1, io=1, ColSpx=0)  
 Technical information: <http://www.ps.bam.de>

BAM registration: 20081001-Fe78/10L/L78e00NA.TXT/ .PS  
 application for evaluation and measurement of printer or monitor systems  
 BAM material: code=rhadata

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 <sub>Ma</sub>	43.8	53.91	39.75	66.98	36
Y <sub>Ma</sub>	87.58	-4.65	98.29	98.4	93
L <sub>Ma</sub>	51.95	-56.34	43.53	71.2	142
C <sub>Ma</sub>	59.62	-26.2	-28.62	38.8	228
V <sub>Ma</sub>	25.01	45.2	-52.8	69.51	311
M <sub>Ma</sub>	45.88	70.67	-29.93	76.75	337
N <sub>Ma</sub>	20.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.0	0.0	0.0	0.0	0
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272

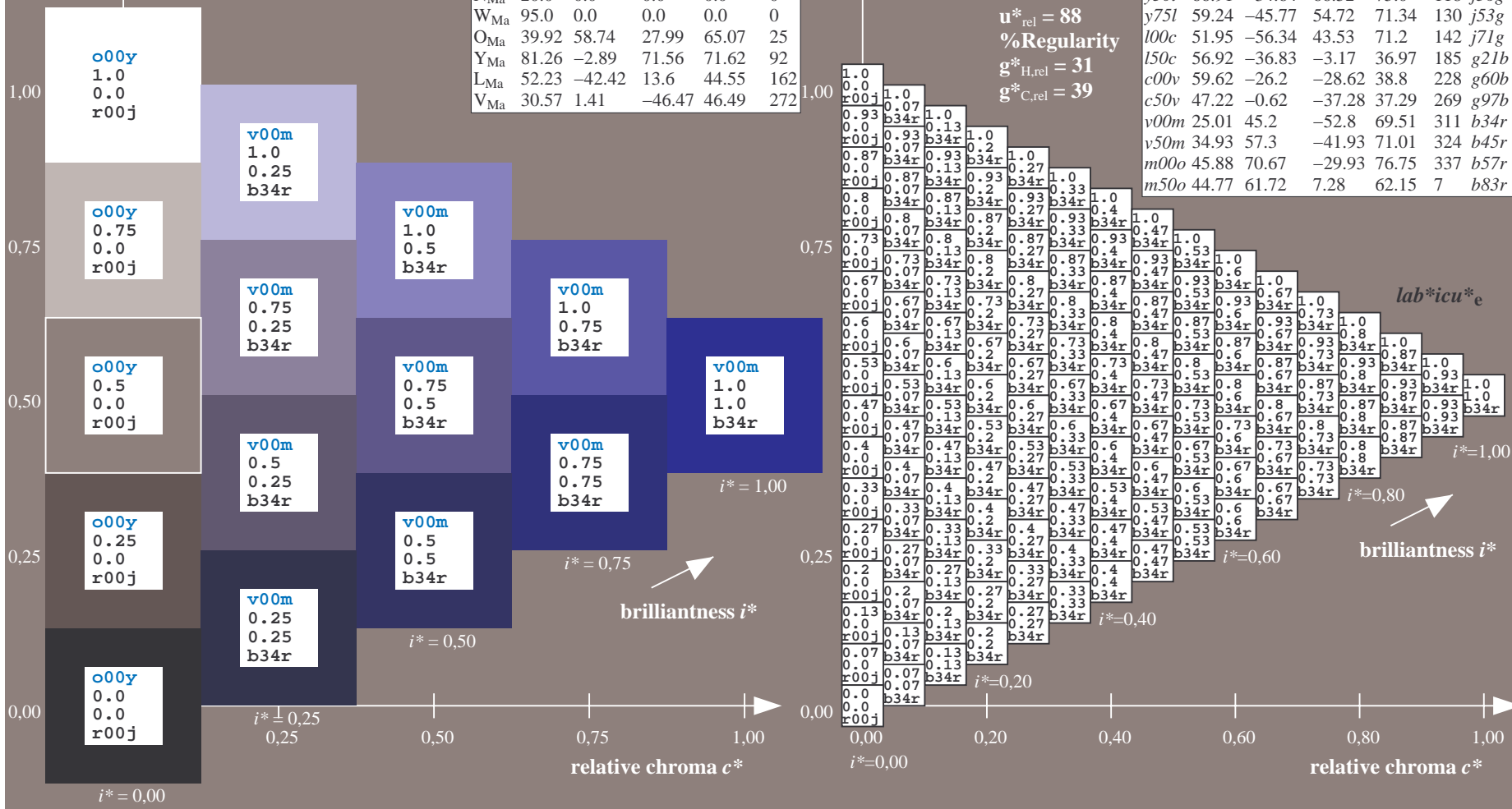
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$ : 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

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	43.8	53.91	39.75	66.98	36	<i>r16j</i>
<i>o25y</i>	52.46	42.34	51.32	66.53	60	<i>r37j</i>
<i>o50y</i>	61.53	30.2	63.46	70.28	55	<i>r58j</i>
<i>o75y</i>	72.39	15.68	77.97	79.53	79	<i>r79j</i>
<i>y00l</i>	87.58	-4.65	98.29	98.4	93	<i>j01g</i>
<i>y25l</i>	75.85	-21.67	80.26	83.13	105	<i>j18g</i>
<i>y50l</i>	66.91	-34.64	66.52	75.0	118	<i>j36g</i>
<i>y75l</i>	59.24	-45.77	54.72	71.34	130	<i>j53g</i>
<i>l00c</i>	51.95	-56.34	43.53	71.2	142	<i>j71g</i>
<i>l50c</i>	56.92	-36.83	-3.17	36.97	185	<i>g21b</i>
<i>c00v</i>	59.62	-26.2	-28.62	38.8	228	<i>g60b</i>
<i>c50v</i>	47.22	-0.62	-37.28	37.29	269	<i>g97b</i>
<i>v00m</i>	25.01	45.2	-52.8	69.51	311	<i>b34r</i>
<i>v50m</i>	34.93	57.3	-41.93	71.01	324	<i>b45r</i>
<i>m00o</i>	45.88	70.67	-29.93	76.75	337	<i>b57r</i>
<i>m50o</i>	44.77	61.72	7.28	62.15	7	<i>b83r</i>

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



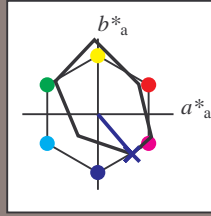
See for similar files: <http://www.ps.bam.de/Fe78/>; [www.ps.bam.de/Version 2.1, io=1,1, Colspx=0](http://www.ps.bam.de/Version2.1,io=1,1,Colspx=0)  
 Technical information: <http://www.ps.bam.de>

BAM registration: 20081001-Fe78/10L/L78e00NA.TXT/ .PS  
 application for evaluation and measurement of printer or monitor systems  
 BAM material: code=rhadata



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\_95; CIELAB data**

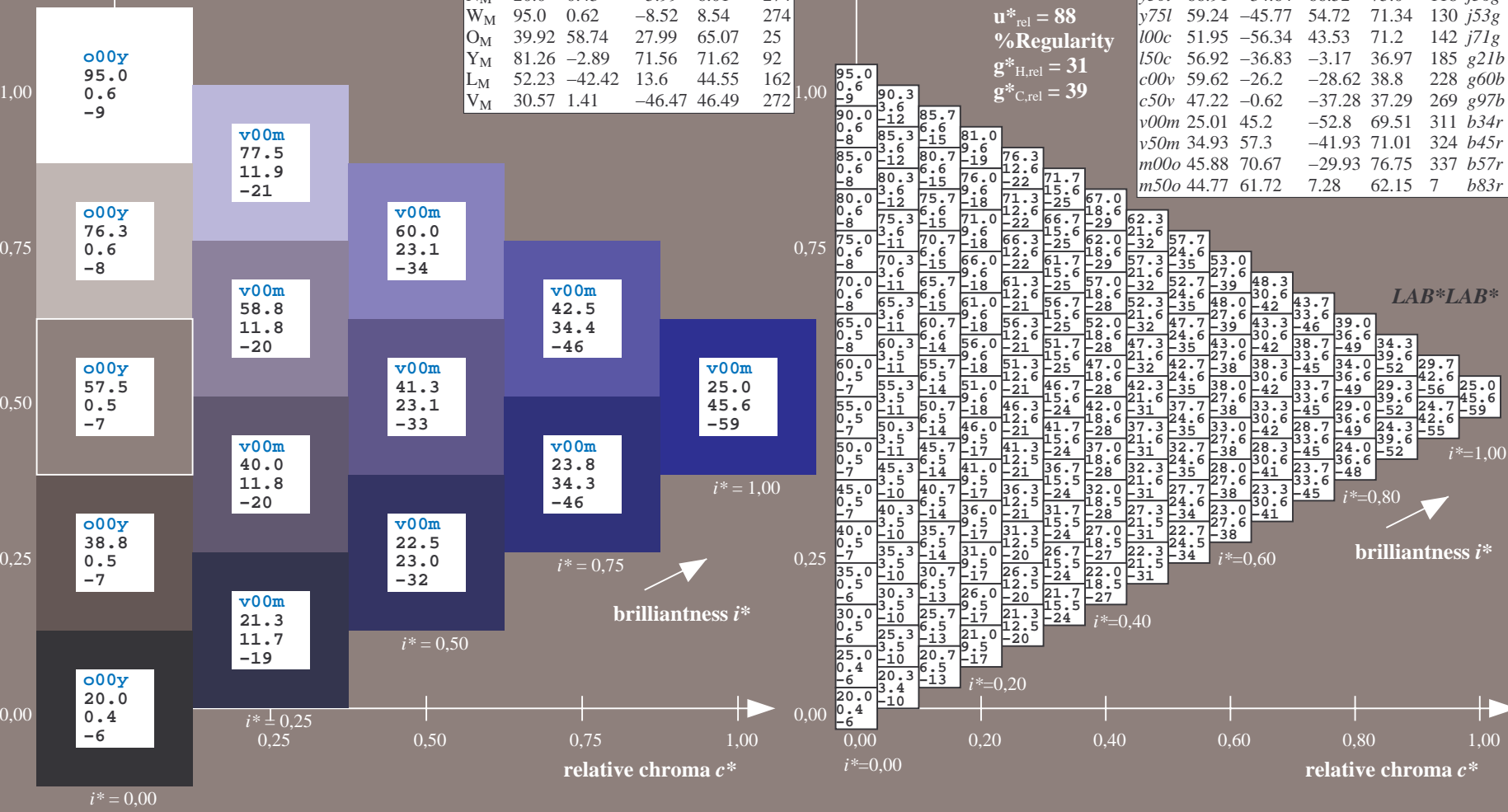
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	43.8	54.41	32.95	63.61	31
Y <sub>M</sub>	87.58	-4.04	90.02	90.11	93
L <sub>M</sub>	51.95	-55.83	36.46	66.68	147
C <sub>M</sub>	59.62	-25.67	-35.94	44.17	234
V <sub>M</sub>	25.01	45.64	-58.96	74.57	308
M <sub>M</sub>	45.88	71.17	-36.79	80.12	333
N <sub>M</sub>	20.0	0.43	-5.99	6.01	274
W <sub>M</sub>	95.0	0.62	-8.52	8.54	274
O <sub>M</sub>	39.92	58.74	27.99	65.07	25
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162
V <sub>M</sub>	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**

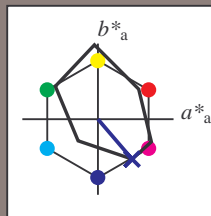
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	43.8	53.91	39.75	66.98	36	r16j
o25y	52.46	42.34	51.32	66.53	50	r37j
o50y	61.53	30.2	63.46	70.28	65	r58j
o75y	72.39	15.68	77.97	79.53	79	r79j
y00l	87.58	-4.65	98.29	98.4	93	j01g
y25l	75.85	-21.67	80.26	83.13	105	j18g
y50l	66.91	-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

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



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 <sub>M</sub>	43.8	54.41	32.95	63.61	31
Y <sub>M</sub>	87.58	-4.04	90.02	90.11	93
L <sub>M</sub>	51.95	-55.83	36.46	66.68	147
C <sub>M</sub>	59.62	-25.67	-35.94	44.17	234
V <sub>M</sub>	25.01	45.64	-58.96	74.57	308
M <sub>M</sub>	45.88	71.17	-36.79	80.12	333
N <sub>M</sub>	20.0	0.43	-5.99	6.01	274
W <sub>M</sub>	95.0	0.62	-8.52	8.54	274
O <sub>M</sub>	39.92	58.74	27.99	65.07	25
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272

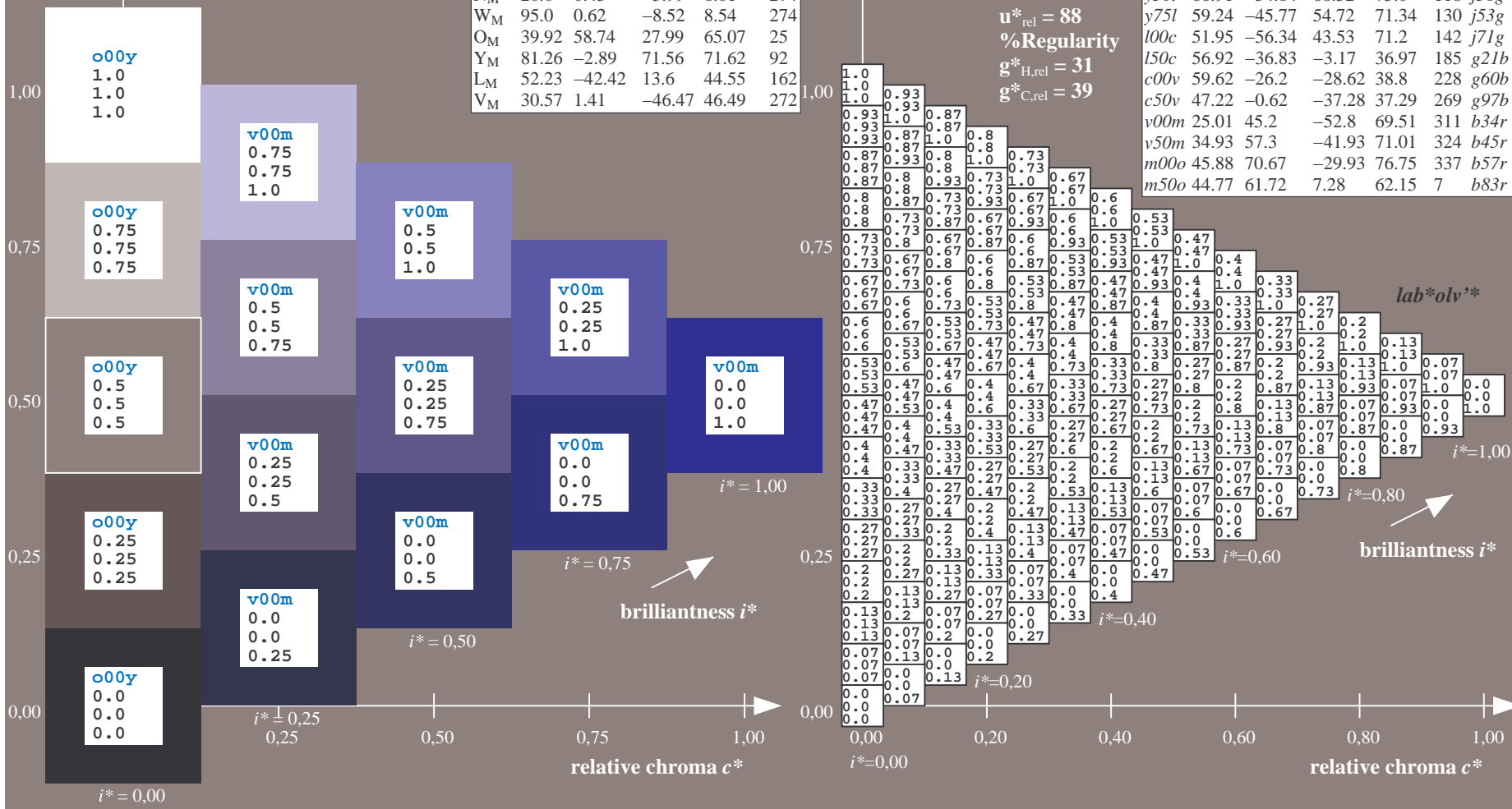
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$ : 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

**FRS12\_95a; adapted (a) CIELAB data**

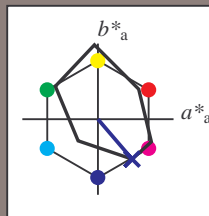
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	43.8	53.91	39.75	66.98	36	r16j
a25y	52.46	42.34	51.32	66.53	60	r37j
a50y	61.53	30.2	63.46	70.28	65	r58j
o75y	72.39	15.68	77.97	79.53	79	r79j
y00l	87.58	-4.65	98.29	98.4	93	j01g
y25l	75.85	-21.67	80.26	83.13	105	j18g
y50l	66.91	-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  
 $g^*_{H,rel} = 31$   
 $g^*_{C,rel} = 39$



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 <sub>M</sub>	43.8	54.41	32.95	63.61	31	
Y <sub>M</sub>	87.58	-4.04	90.02	90.11	93	
L <sub>M</sub>	51.95	-55.83	36.46	66.68	147	
C <sub>M</sub>	59.62	-25.67	-35.94	44.17	234	
V <sub>M</sub>	25.01	45.64	-58.96	74.57	308	
M <sub>M</sub>	45.88	71.17	-36.79	80.12	333	
N <sub>M</sub>	20.0	0.43	-5.99	6.01	274	
W <sub>M</sub>	95.0	0.62	-8.52	8.54	274	
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	
V <sub>M</sub>	30.57	1.41	-46.47	46.49	272	

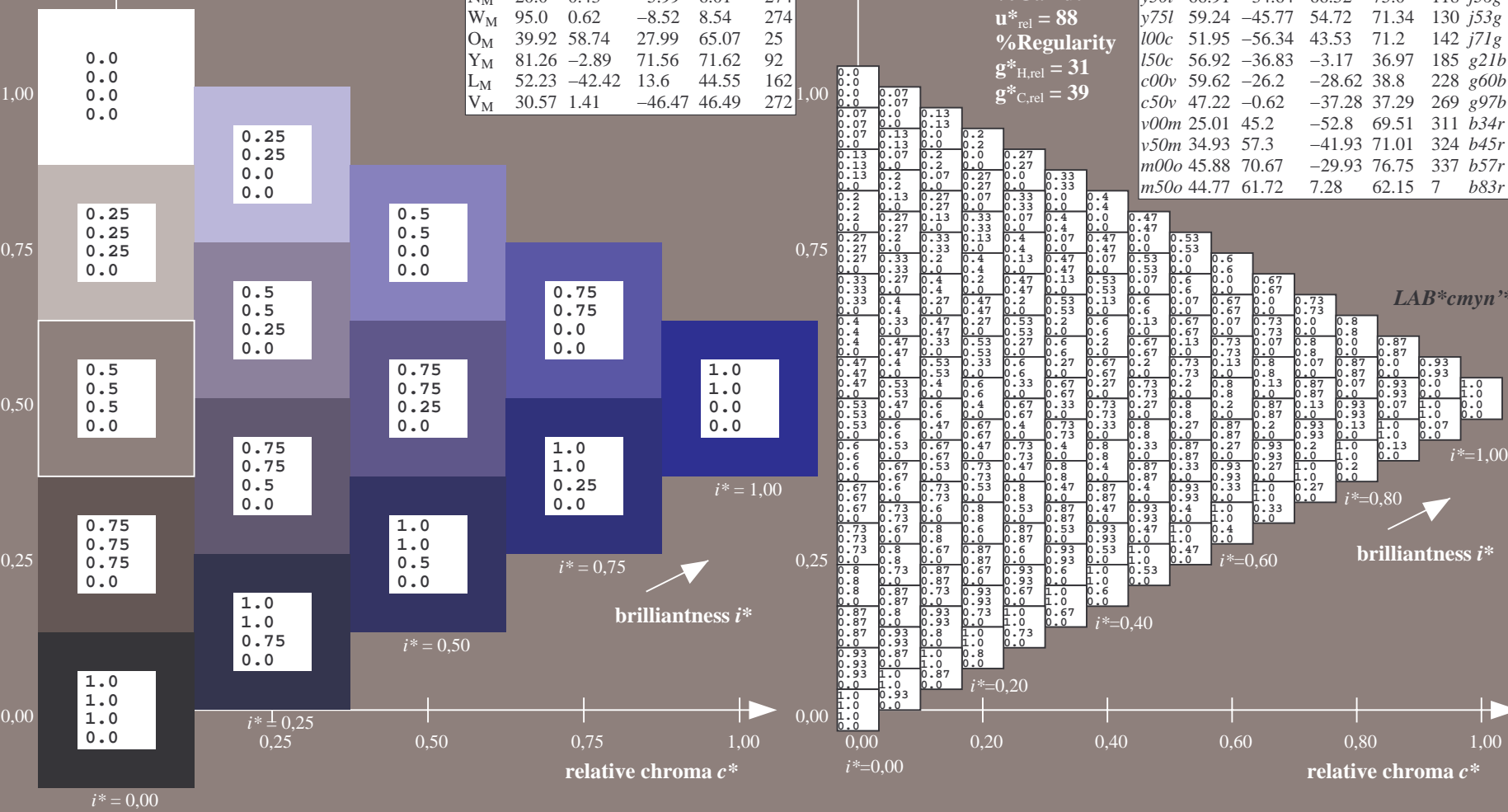
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$ : 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									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
<i>o00y</i>	43.8	53.91	39.75	66.98	36	<i>r16j</i>			
<i>o25y</i>	52.46	42.34	51.32	66.53	60	<i>r37j</i>			
<i>o50y</i>	61.53	30.2	63.46	70.28	65	<i>r58j</i>			
<i>o75y</i>	72.39	15.68	77.97	79.53	79	<i>r79j</i>			
<i>y00l</i>	87.58	-4.65	98.29	98.4	93	<i>j01g</i>			
<i>y25l</i>	75.85	-21.67	80.26	83.13	105	<i>j18g</i>			
<i>y50l</i>	66.91	-34.64	66.52	75.0	118	<i>j36g</i>			
<i>y75l</i>	59.24	-45.77	54.72	71.34	130	<i>j53g</i>			
<i>l00c</i>	51.95	-56.34	43.53	71.2	142	<i>j71g</i>			
<i>l50c</i>	56.92	-36.83	-3.17	36.97	185	<i>g21b</i>			
<i>c00v</i>	59.62	-26.2	-28.62	38.8	228	<i>g60b</i>			
<i>c50v</i>	47.22	-0.62	-37.28	37.29	269	<i>g97b</i>			
<i>v00m</i>	25.01	45.2	-52.8	69.51	311	<i>b34r</i>			
<i>v50m</i>	34.93	57.3	-41.93	71.01	324	<i>b45r</i>			
<i>m00o</i>	45.88	70.67	-29.93	76.75	337	<i>b57r</i>			
<i>m50o</i>	44.77	61.72	7.28	62.15	7	<i>b83r</i>			



See for similar files: <http://www.ps.bam.de/Fe78/>; [www.ps.bam.de/Version 2.1, io=1,1, Colspx=0](http://www.ps.bam.de/Version2.1,io=1,1,Colspx=0)  
 Technical information: <http://www.ps.bam.de>

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 application for evaluation and measurement of printer or monitor systems