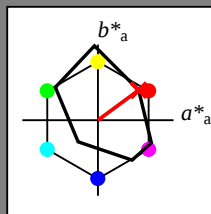


Input and output: Colorimetric Printer Reflective System FRS12_95a, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



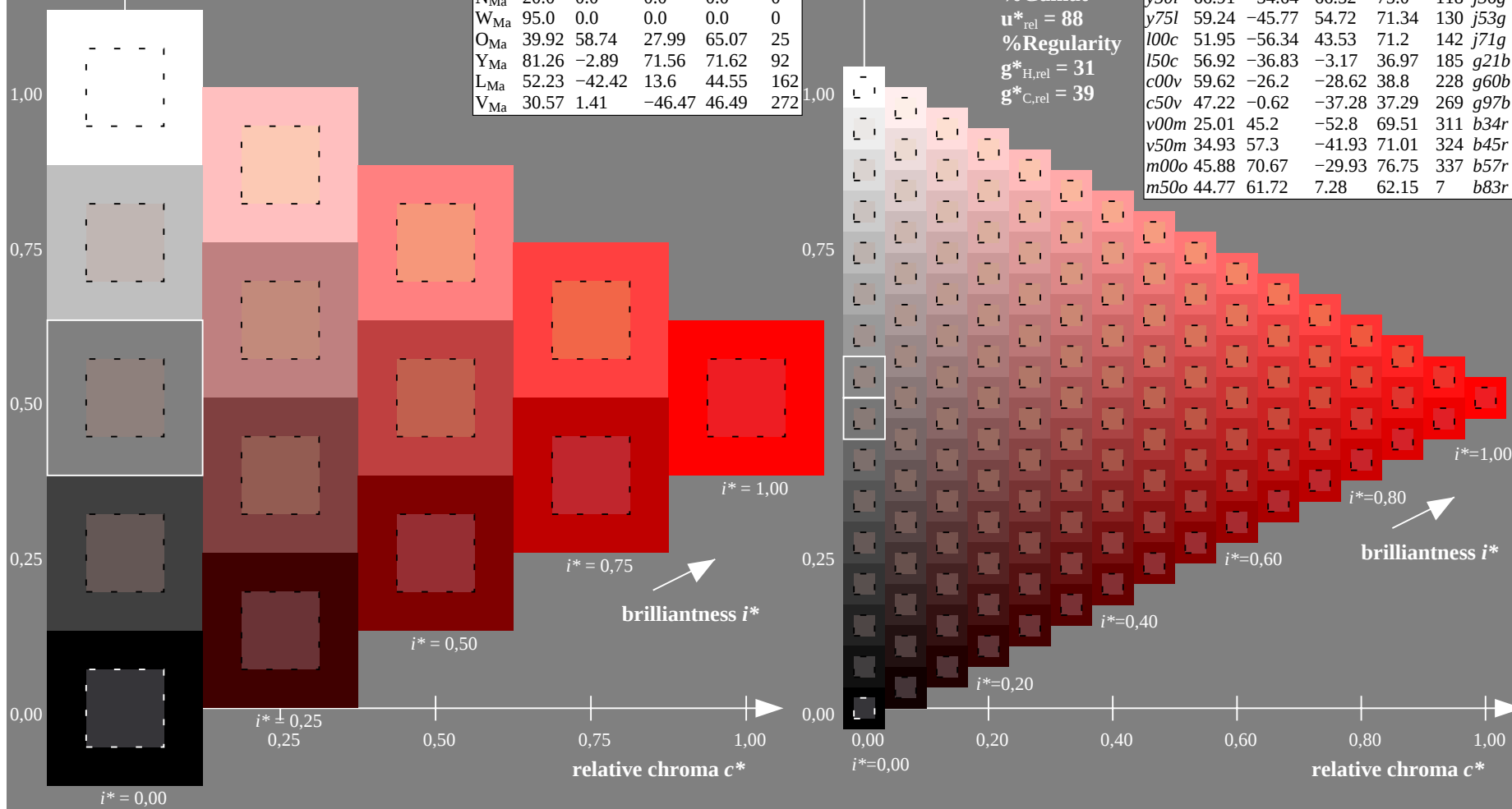
FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	43.8	53.91	39.75	66.98	36	
Y _{Ma}	87.58	-4.65	98.29	98.4	93	
L _{Ma}	51.95	-56.34	43.53	71.2	142	
C _{Ma}	59.62	-26.2	-28.62	38.8	228	
V _{Ma}	25.01	45.2	-52.8	69.51	311	
M _{Ma}	45.88	70.67	-29.93	76.75	337	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40
 $LAB^*LCH^*_{Ma}$: 44 67 36
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.16 0.0
triangle lightness t^*

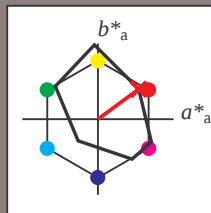
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 39$

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, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



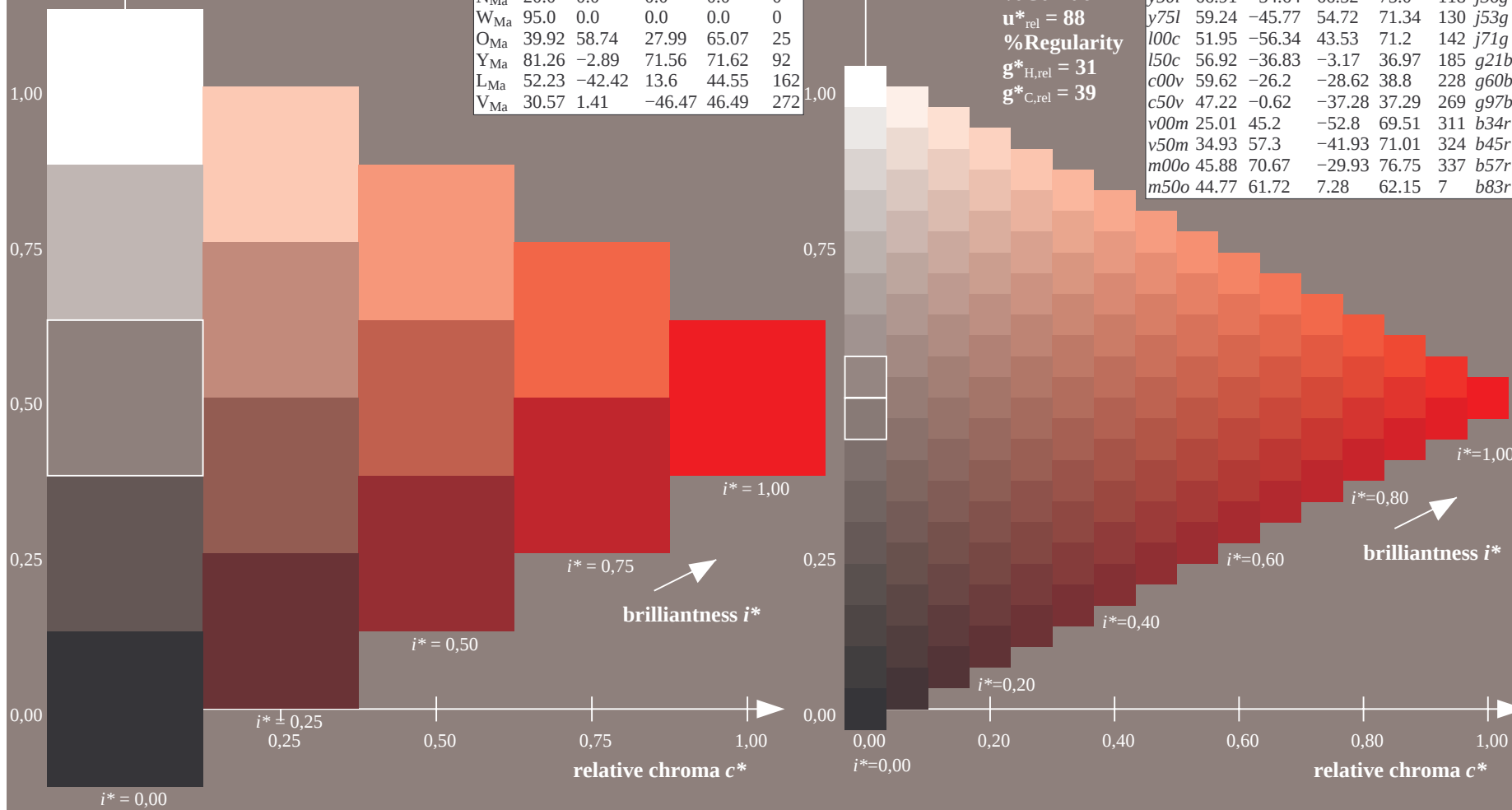
FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	43.8	53.91	39.75	66.98	36	
Y _{Ma}	87.58	-4.65	98.29	98.4	93	
L _{Ma}	51.95	-56.34	43.53	71.2	142	
C _{Ma}	59.62	-26.2	-28.62	38.8	228	
V _{Ma}	25.01	45.2	-52.8	69.51	311	
M _{Ma}	45.88	70.67	-29.93	76.75	337	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40
 $LAB^*LCH^*_{Ma}$: 44 67 36
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.0
 $lab^*rgb^*_{Ma}$: 1.0 0.16 0.0
triangle lightness t^*

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

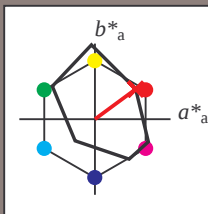
FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	43.8	53.91	39.75	66.98	36	<i>r16j</i>
<i>o25y</i>	52.46	42.34	51.32	66.53	50	<i>r37j</i>
<i>o50y</i>	61.53	30.2	63.46	70.28	65	<i>r58j</i>
<i>o75y</i>	72.39	15.68	77.97	79.53	79	<i>r79j</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/Fe79/>; www.ps.bam.de/Fe.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=20_{95}$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$ data for any colour: Data for maximum colour (Ma):

Hue texts:
 $u^*_d = 000y$ $u^*_e = r16j$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	43.8	53.91		39.75	66.98	36
Y _{Ma}	87.58	-4.65		98.29	98.4	93
L _{Ma}	51.95	-56.34		43.53	71.2	142
C _{Ma}	59.62	-26.2		-28.62	38.8	228
V _{Ma}	25.01	45.2		-52.8	69.51	311
M _{Ma}	45.88	70.67		-29.93	76.75	337
N _{Ma}	20.0	0.0		0.0	0.0	0
W _{Ma}	95.0	0.0		0.0	0.0	0
O _{Ma}	39.92	58.74		27.99	65.07	25
Y _{Ma}	81.26	-2.89		71.56	71.62	92
L _{Ma}	52.23	-42.42		13.6	44.55	162
V _{Ma}	30.57	1.41		-46.47	46.49	272

Data for maximum colour (Ma):

LAB*LAB*_{Ma}: 44 54 40

LAB*LCH*Ma: 44 67 36

lab*oly*Ma: 1.0 0.0 0.0

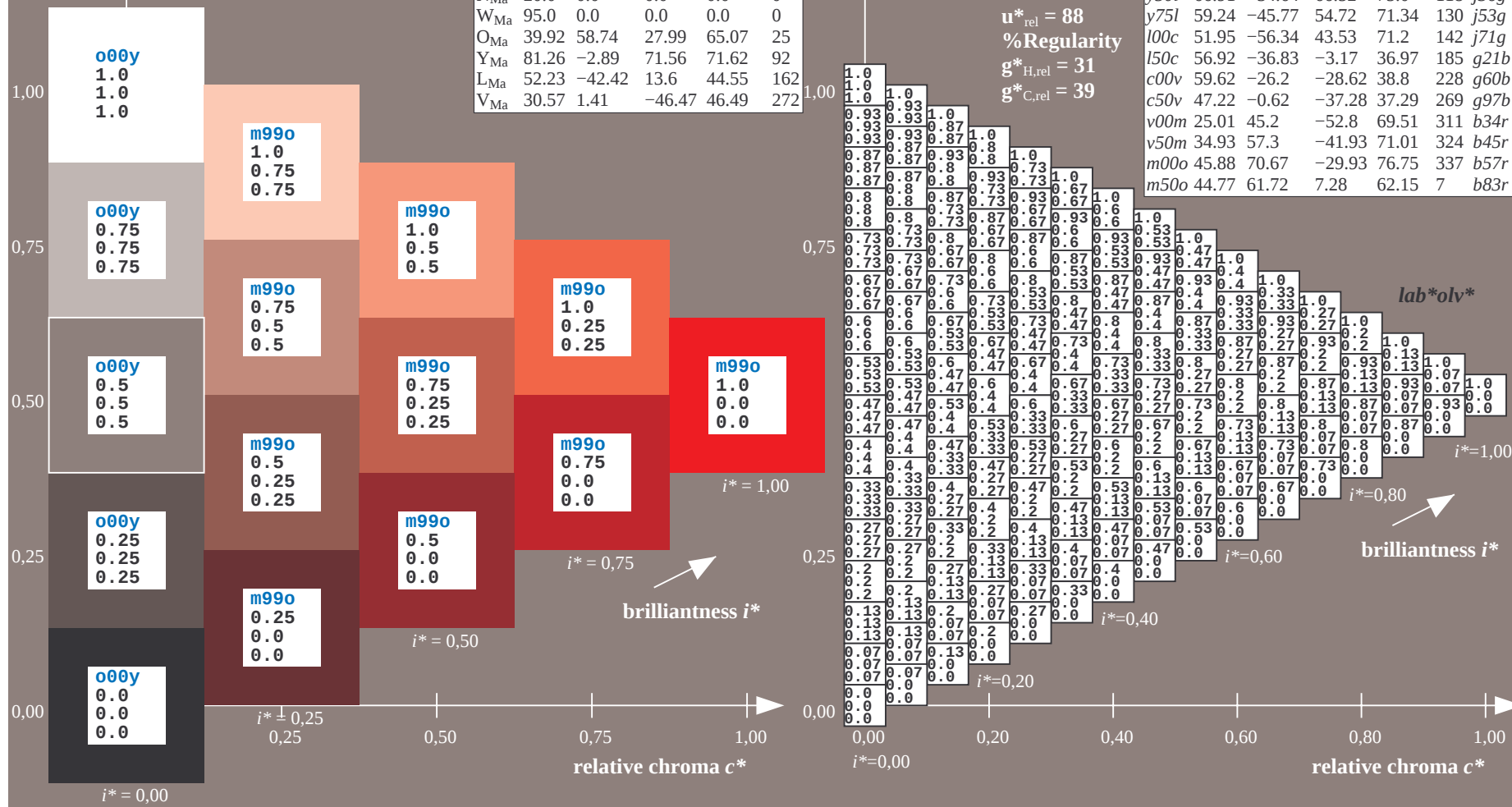
$$lab*rag*_{Ma}: 1.0 \quad 0.16 \quad 0.0$$
triangle lightness t^*

%Gamut

%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>r16i</i>	
<i>o25y</i>	52.46	42.34	51.32	66.53	50	<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>	



BAM-test chart Fe79; Relative Device Colour System
D65: colour scales and 9 data tables for 16 hues 000° to $m50^\circ$

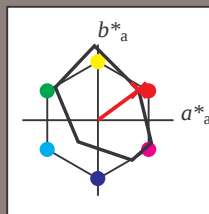
```
input: 000n / w / nnn0 / www set...
output: ->cmy0* setcmykcolor
```

BAM registration: 20081001-Fe79/10L/L79e00NP.PDF/.PS BAM material: code=rha4ta
+ application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

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

Hue texts:
 $u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	43.8	53.91	39.75	66.98	36	
Y _{Ma}	87.58	-4.65	98.29	98.4	93	
L _{Ma}	51.95	-56.34	43.53	71.2	142	
C _{Ma}	59.62	-26.2	-28.62	38.8	228	
V _{Ma}	25.01	45.2	-52.8	69.51	311	
M _{Ma}	45.88	70.67	-29.93	76.75	337	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40

$LAB^*LCH^*_{Ma}$: 44 67 36

$lab^*olv^*_{Ma}$: 1.0 0.0 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

% Gamut

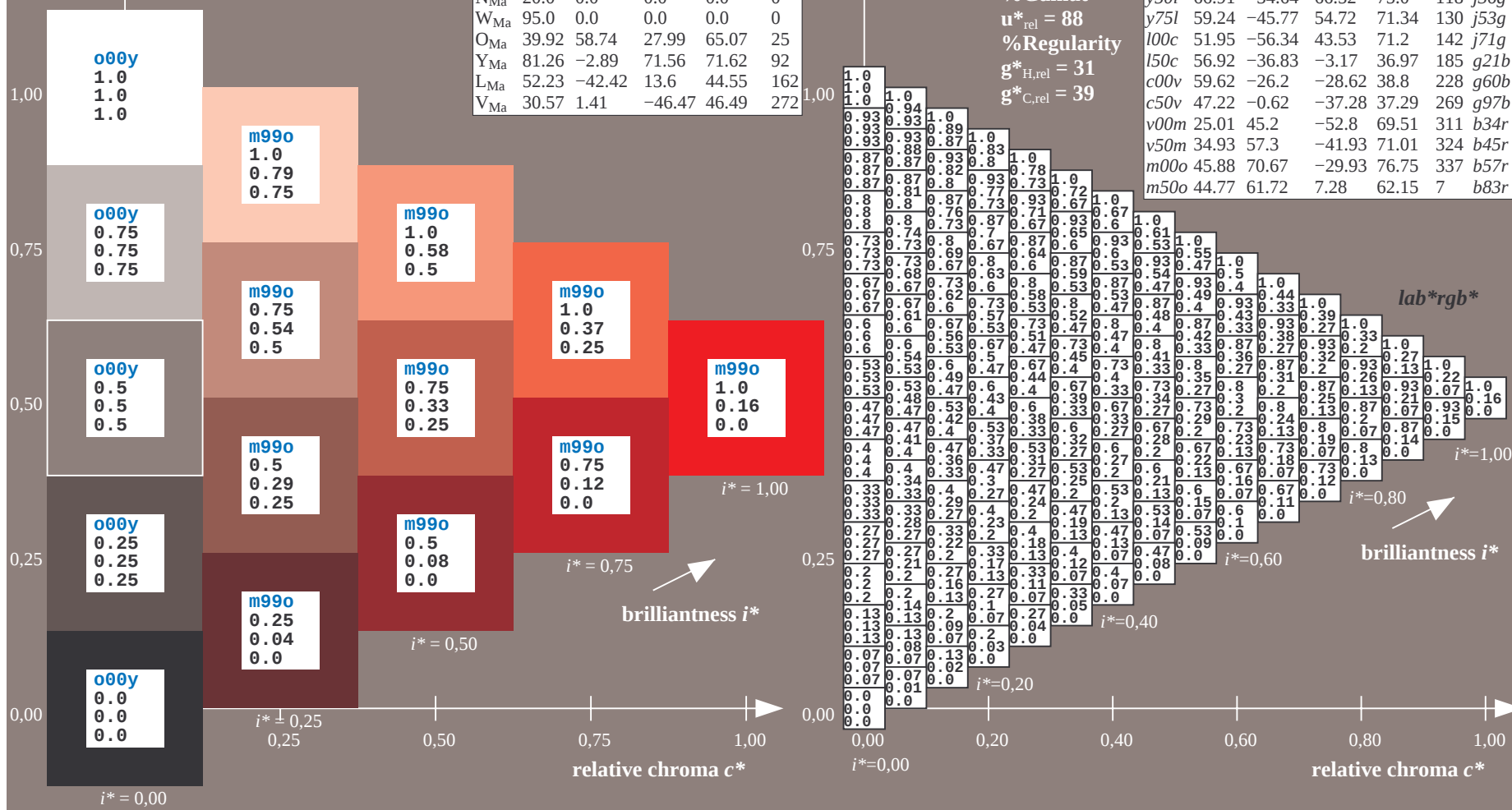
$u^*_{rel} = 88$

% Regularity

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

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

FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	43.8	53.91	39.75	66.98	36	$r16j$
$o25y$	52.46	42.34	51.32	66.53	50	$r37j$
$o50y$	61.53	30.2	63.46	70.28	65	$r58j$
$o75y$	72.39	15.68	77.97	79.53	79	$r79j$
$y00l$	87.58	-4.65	98.29	98.4	93	$j01g$
$y25l$	75.85	-21.67	80.26	83.13	105	$j18g$
$y50l$	66.91	-34.64	66.52	75.0	118	$j36g$
$y75l$	59.24	-45.77	54.72	71.34	130	$j53g$
$l00c$	51.95	-56.34	43.53	71.2	142	$j71g$
$l50c$	56.92	-36.83	-3.17	36.97	185	$g21b$
$c00v$	59.62	-26.2	-28.62	38.8	228	$g60b$
$c50v$	47.22	-0.62	-37.28	37.29	269	$g97b$
$v00m$	25.01	45.2	-52.8	69.51	311	$b34r$
$v50m$	34.93	57.3	-41.93	71.01	324	$b45r$
$m00o$	45.88	70.67	-29.93	76.75	337	$b57r$
$m50o$	44.77	61.72	7.28	62.15	7	$b83r$



cu^*

Input and output: Colorimetric Printer Reflective System FRS12_95a, $L^*=20_{95}$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$ data for any colour: Data for maximum colour (Ma):

*lab*tch** and *lab*icu**

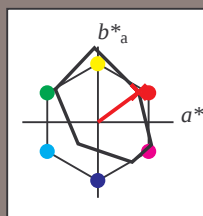
Hue texts:

$$u_d^* = 000y \quad u_e^* = r16j$$

contrast reduction factor:

 $c_p = 0.9$ triangle lightness t^*

88



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*₂ : 44 54 40

LAB LAB Ma. 44 54 40
LAB*LGH* 44 65 30

LAB*LCH*Ma: 44 67 3

lab*olv*_Ma: 1.0 0.0 0.0

*lab*rgb*_{Ma}: 1.0 0.16 0.0

triangle lightness t^*

88

%Gamut

$$\mathbf{u}_{\text{rel}}^* = 88$$

%Regula

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

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>r16i</i>	
<i>o25y</i>	52.46	42.34	51.32	66.53	50	<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>	

*LAB*LAB**

 $i^* = 1,00$ brilliantness i^* relative chroma c^*

BAM-test chart Fe79; Relative Device Colour System
D65: colour scales and 9 data tables for 16 hues 000° to $m50^\circ$

```
input: 000n / w / nnn0 / www set..  
output: ->cmY0* setcmykcolor
```

BAM registration: 20081001-Fe79/10L/L79e00NP.PDF/.PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

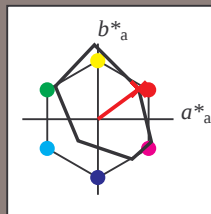
BAM material: code=rha4ta

See for similar files: <http://www.ps.barn.de/Fe79/>; www.ps.barn.de/Fe.HTM
 Technical information: <http://www.ps.barn.de> Version 2.1, io=1,1, ColSpx=0

Version 2.1, io=1, ColSpx=0

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

Hue texts:
 $u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	43.8	53.91	39.75	66.98	36	
Y _{Ma}	87.58	-4.65	98.29	98.4	93	
L _{Ma}	51.95	-56.34	43.53	71.2	142	
C _{Ma}	59.62	-26.2	-28.62	38.8	228	
V _{Ma}	25.01	45.2	-52.8	69.51	311	
M _{Ma}	45.88	70.67	-29.93	76.75	337	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40

$LAB^*LCH^*_{Ma}$: 44 67 36

$lab^*olv^*_{Ma}$: 1.0 0.0 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

%Gamut

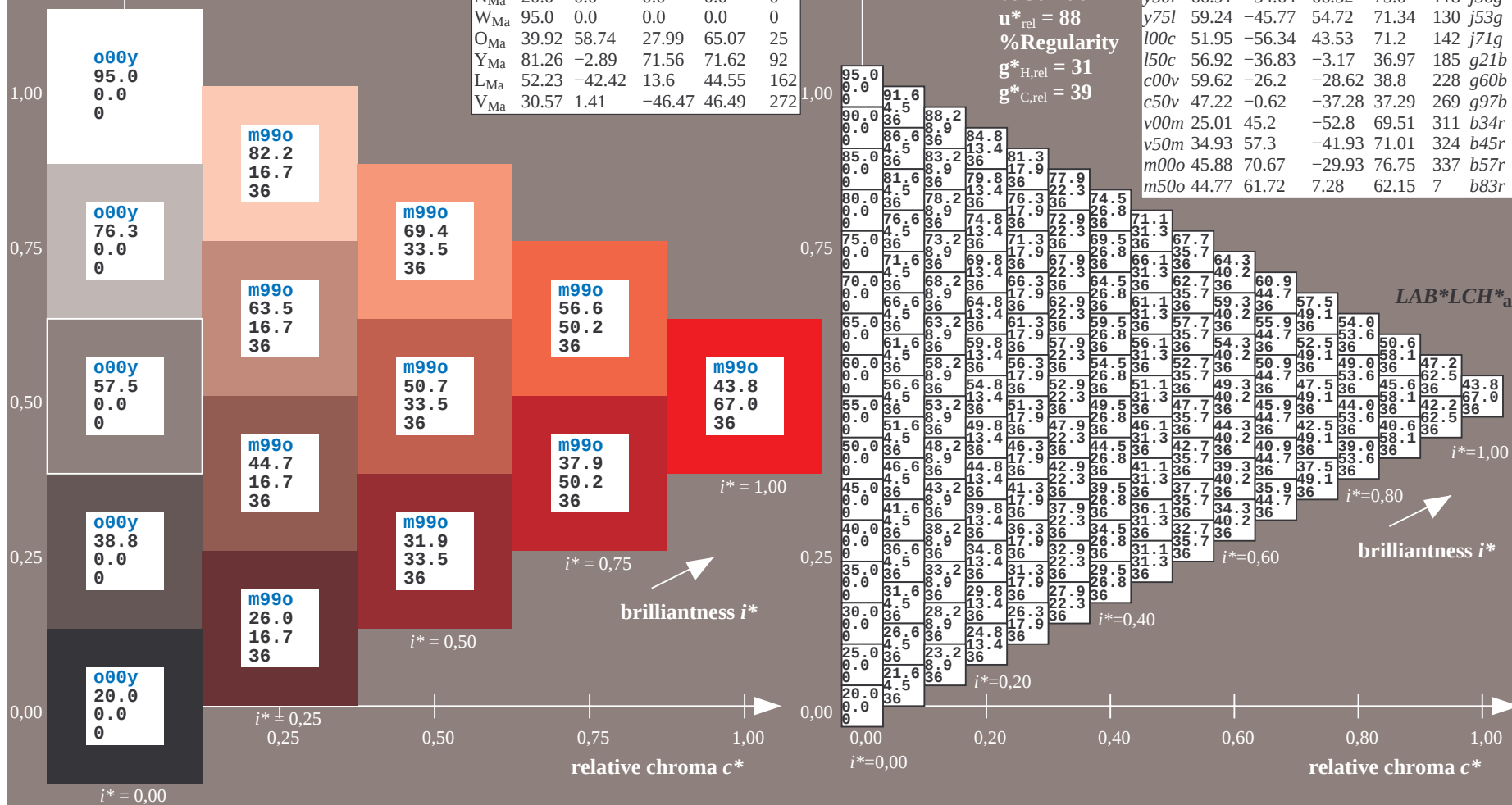
$u^*_{rel} = 88$

%Regularity

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

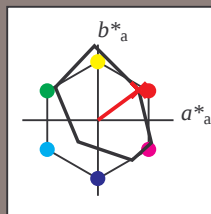
$g^*_{C,rel} = 39$

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, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	43.8	53.91	39.75	66.98	36	
Y _{Ma}	87.58	-4.65	98.29	98.4	93	
L _{Ma}	51.95	-56.34	43.53	71.2	142	
C _{Ma}	59.62	-26.2	-28.62	38.8	228	
V _{Ma}	25.01	45.2	-52.8	69.51	311	
M _{Ma}	45.88	70.67	-29.93	76.75	337	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40

$LAB^*LCH^*_{Ma}$: 44 67 36

$lab^*olv^*_{Ma}$: 1.0 0.0 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

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

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

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		$b83r$

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

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

data for any colour:

lab^*tch^* and lab^*icu^*

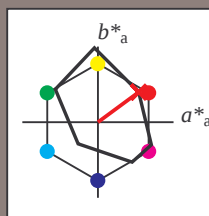
Hue texts:

$u^*_d = o00y$ $u^*_e = r16j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS12_95a; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	43.8	53.91	39.75	66.98	36	
Y _{Ma}	87.58	-4.65	98.29	98.4	93	
L _{Ma}	51.95	-56.34	43.53	71.2	142	
C _{Ma}	59.62	-26.2	-28.62	38.8	228	
V _{Ma}	25.01	45.2	-52.8	69.51	311	
M _{Ma}	45.88	70.67	-29.93	76.75	337	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 44 54 40

$LAB^*LCH^*_{Ma}$: 44 67 36

$lab^*olv^*_{Ma}$: 1.0 0.0 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.16 0.0

triangle lightness t^*

%Gamut

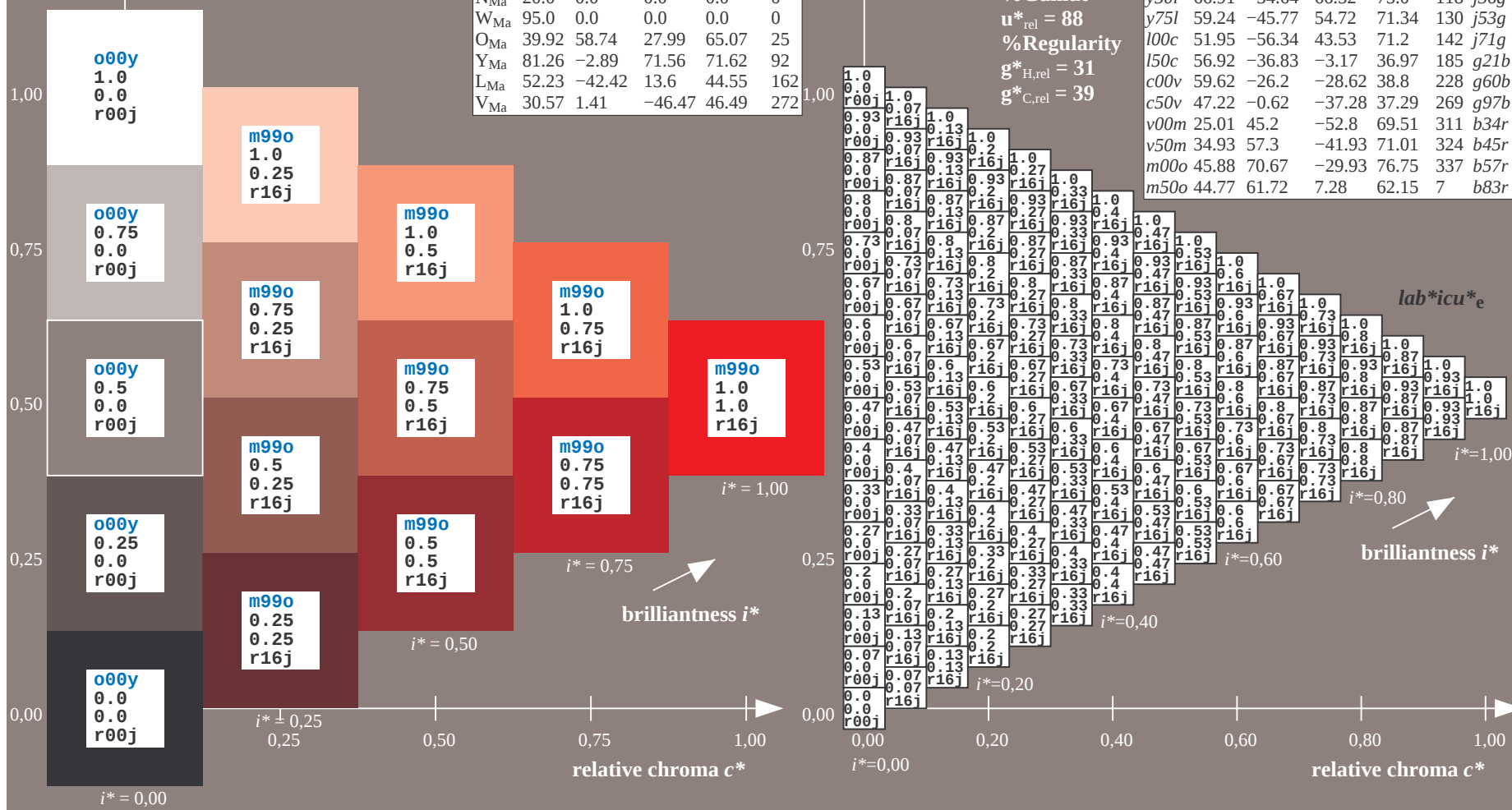
$u^*_{rel} = 88$

%Regularity

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

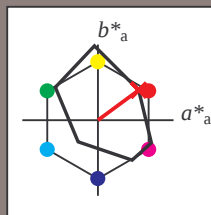
$g^*_{C,rel} = 39$

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, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS12_95; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	43.8	54.41	32.95	63.61	31	
Y _M	87.58	-4.04	90.02	90.11	93	
L _M	51.95	-55.83	36.46	66.68	147	
C _M	59.62	-25.67	-35.94	44.17	234	
V _M	25.01	45.64	-58.96	74.57	308	
M _M	45.88	71.17	-36.79	80.12	333	
N _M	20.0	0.43	-5.99	6.01	274	
W _M	95.0	0.62	-8.52	8.54	274	
O _M	39.92	58.74	27.99	65.07	25	
Y _M	81.26	-2.89	71.56	71.62	92	
L _M	52.23	-42.42	13.6	44.55	162	
V _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 44 54 40

LAB^*LCH^*Ma : 44 67 36

lab^*olv^*Ma : 1.0 0.0 0.0

lab^*rgb^*Ma : 1.0 0.16 0.0

triangle lightness t^*

%Gamut

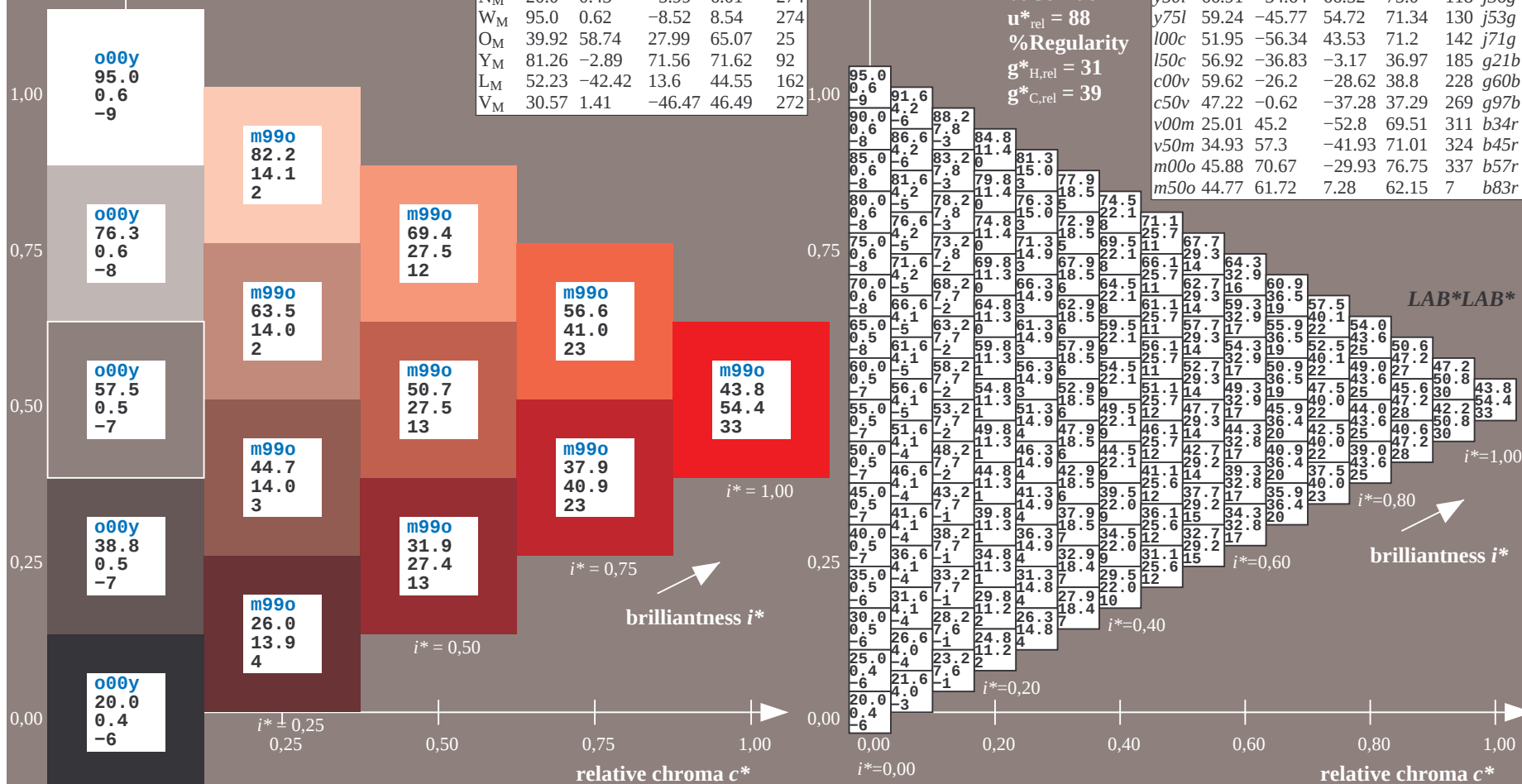
$u^*_{rel} = 88$

%Regularity

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

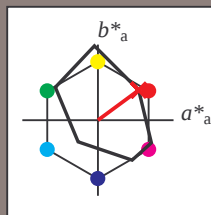
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	43.8	53.91	39.75	66.98	36	r16j	
o25y	52.46	42.34	51.32	66.53	50	r37j	
o50y	61.53	30.2	63.46	70.28	65	r58j	
o75y	72.39	15.68	77.97	79.53	79	r79j	
y00l	87.58	-4.65	98.29	98.4	93	j01g	
y25l	75.85	-21.67	80.26	83.13	105	j18g	
y50l	66.91	-34.64	66.52	75.0	118	j36g	
y75l	59.24	-45.77	54.72	71.34	130	j53g	
l00c	51.95	-56.34	43.53	71.2	142	j71g	
l50c	56.92	-36.83	-3.17	36.97	185	g21b	
c00v	59.62	-26.2	-28.62	38.8	228	g60b	
c50v	47.22	-0.62	-37.28	37.29	269	g97b	
v00m	25.01	45.2	-52.8	69.51	311	b34r	
v50m	34.93	57.3	-41.93	71.01	324	b45r	
m00o	45.88	70.67	-29.93	76.75	337	b57r	
m50o	44.77	61.72	7.28	62.15	7	b83r	



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

Hue texts:
 $u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS12_95a; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	43.8	54.41	32.95	63.61	31	
Y _M	87.58	-4.04	90.02	90.11	93	
L _M	51.95	-55.83	36.46	66.68	147	
C _M	59.62	-25.67	-35.94	44.17	234	
V _M	25.01	45.64	-58.96	74.57	308	
M _M	45.88	71.17	-36.79	80.12	333	
N _M	20.0	0.43	-5.99	6.01	274	
W _M	95.0	0.62	-8.52	8.54	274	
O _M	39.92	58.74	27.99	65.07	25	
Y _M	81.26	-2.89	71.56	71.62	92	
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V _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 44 54 40

LAB^*LCH^*Ma : 44 67 36

lab^*olv^*Ma : 1.0 0.0 0.0

lab^*rgb^*Ma : 1.0 0.16 0.0

triangle lightness t^*

%Gamut

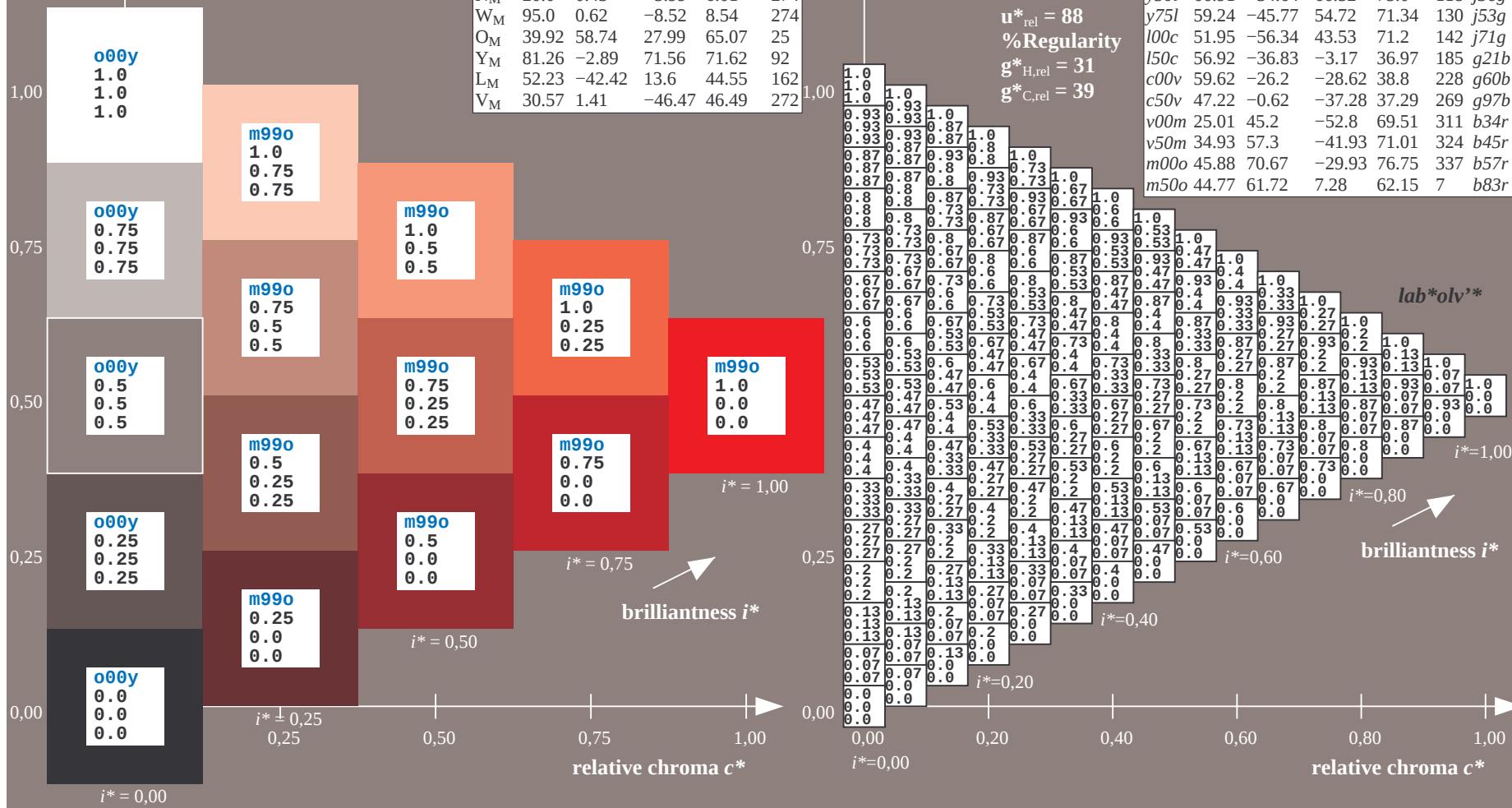
$u^*_{rel} = 88$

%Regularity

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

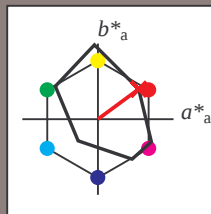
$g^*_{C,rel} = 39$

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	43.8	53.91	39.75	66.98	36	r16j	
o25y	52.46	42.34	51.32	66.53	50	r37j	
o50y	61.53	30.2	63.46	70.28	65	r58j	
o75y	72.39	15.68	77.97	79.53	79	r79j	
y00l	87.58	-4.65	98.29	98.4	93	j01g	
y25l	75.85	-21.67	80.26	83.13	105	j18g	
y50l	66.91	-34.64	66.52	75.0	118	j36g	
y75l	59.24	-45.77	54.72	71.34	130	j53g	
l00c	51.95	-56.34	43.53	71.2	142	j71g	
l50c	56.92	-36.83	-3.17	36.97	185	g21b	
c00v	59.62	-26.2	-28.62	38.8	228	g60b	
c50v	47.22	-0.62	-37.28	37.29	269	g97b	
v00m	25.01	45.2	-52.8	69.51	311	b34r	
v50m	34.93	57.3	-41.93	71.01	324	b45r	
m00o	45.88	70.67	-29.93	76.75	337	b57r	
m50o	44.77	61.72	7.28	62.15	7	b83r	



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

Hue texts:
 $u^*_d = o00y$ $u^*_e = r16j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS12_95a; CIELAB data					
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	43.8	54.41	32.95	63.61	31
Y _M	87.58	-4.04	90.02	90.11	93
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V _M	25.01	45.64	-58.96	74.57	308
M _M	45.88	71.17	-36.79	80.12	333
N _M	20.0	0.43	-5.99	6.01	274
W _M	95.0	0.62	-8.52	8.54	274
O _M	39.92	58.74	27.99	65.07	25
Y _M	81.26	-2.89	71.56	71.62	92
L _M	52.23	-42.42	13.6	44.55	162
V _M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 44 54 40

LAB^*LCH^*Ma : 44 67 36

lab^*olv^*Ma : 1.0 0.0 0.0

lab^*rgb^*Ma : 1.0 0.16 0.0

triangle lightness t^*

%Gamut

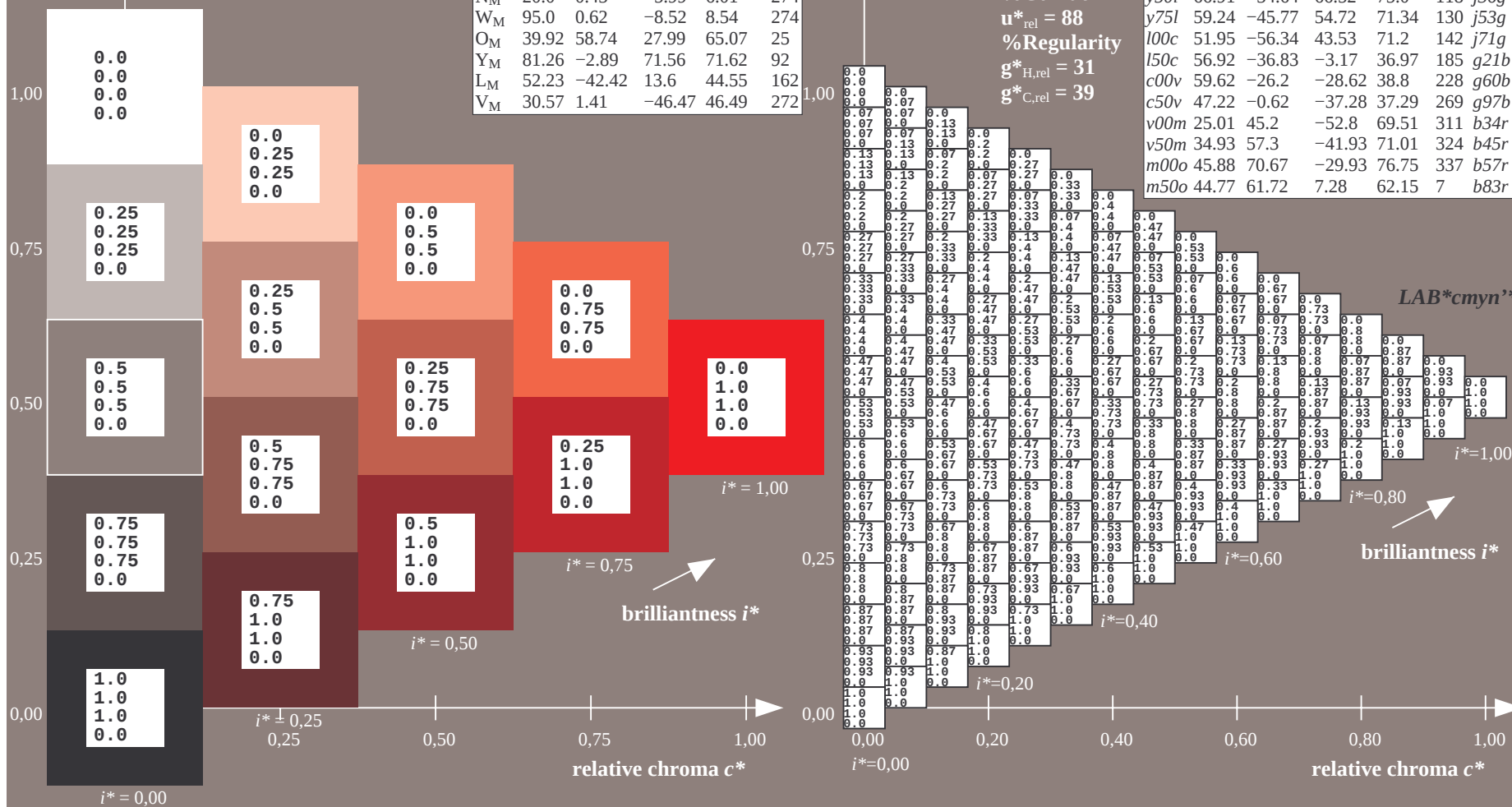
$u^*_{rel} = 88$

%Regularity

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

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

FRS12_95a; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<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	50	<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>	



BAM-test chart Fe79; Relative Device Colour System
D65: colour scales and 9 data tables for 16 hues *o00y* to *m50o*

input: *000n* / *w* / *nnn0* / *www* set...
output: -> *cmv0** setcmvcolor