

Input and output:

Colorimetric Printer Reflective System FRS09_92aM
data for any colour:

u^*_d and number *no.* = 00 .. 15

device hue text:

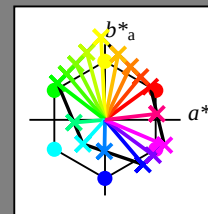
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 1.0$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	35.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	44.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	54.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	66.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	83.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	70.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	60.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	52.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	44.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	49.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	52.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	38.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	14.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	25.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	37.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	36.13	68.67	7.94	69.13	7	<i>b83r</i>



%Gamut

$u^*_{rel} = 109$

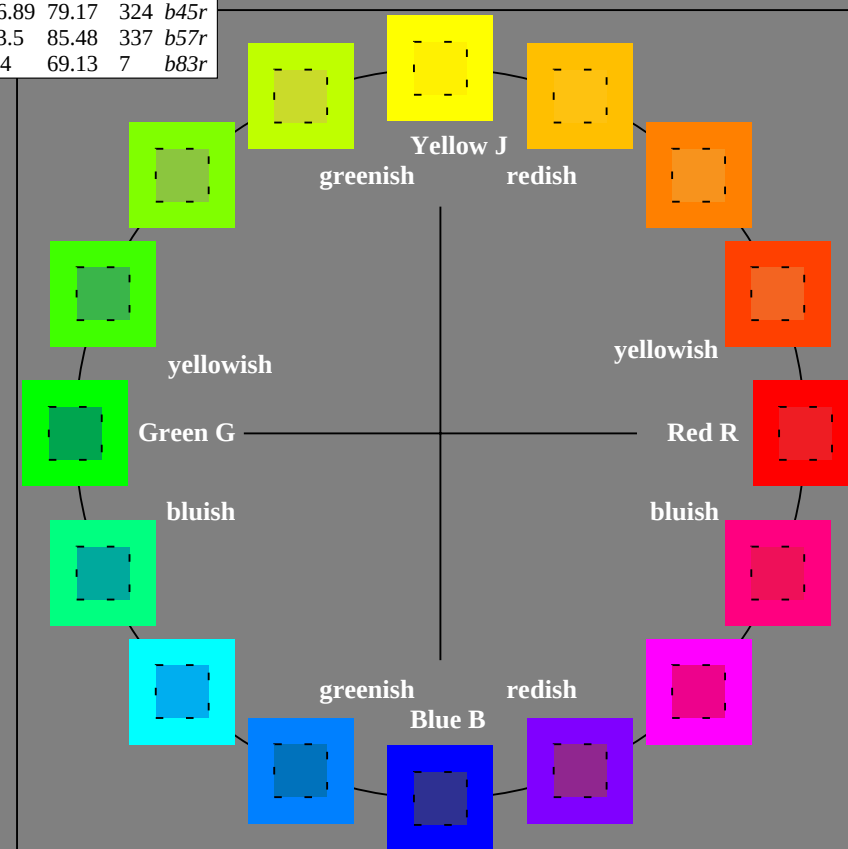
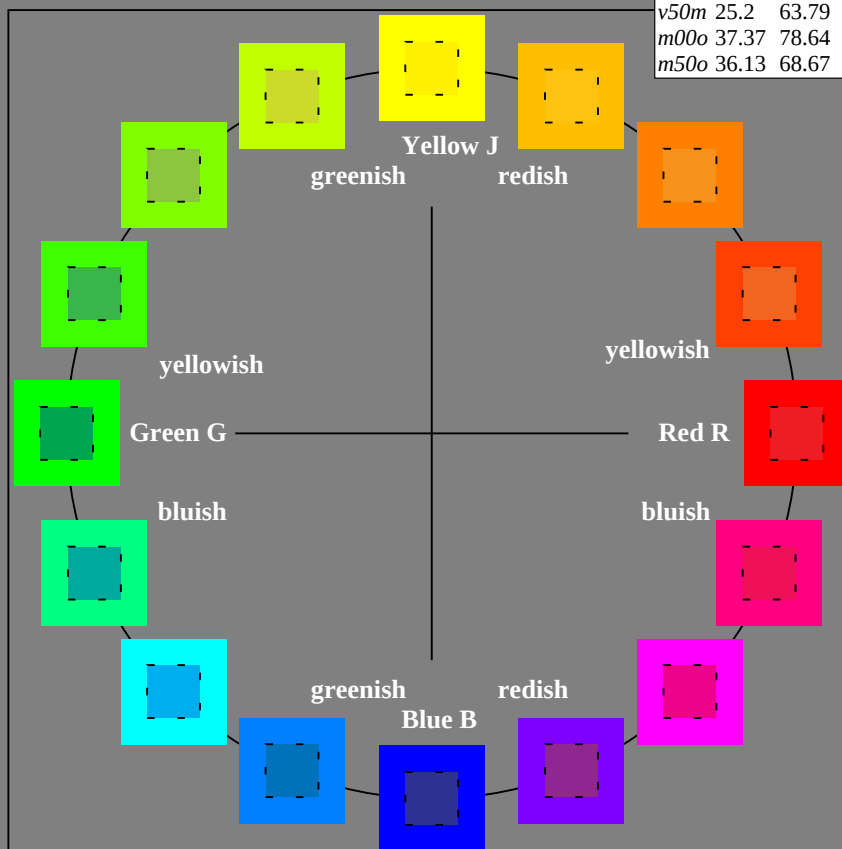
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{CIE}	39.92	58.74	27.99	65.07	92
Y _{CIE}	81.26	-2.89	71.56	71.62	92
L _{CIE}	52.23	-42.42	13.6	44.55	162
V _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

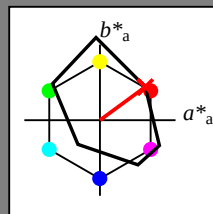
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 60 44

$LAB^*LCH^*_{Ma}$: 35 74 36

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

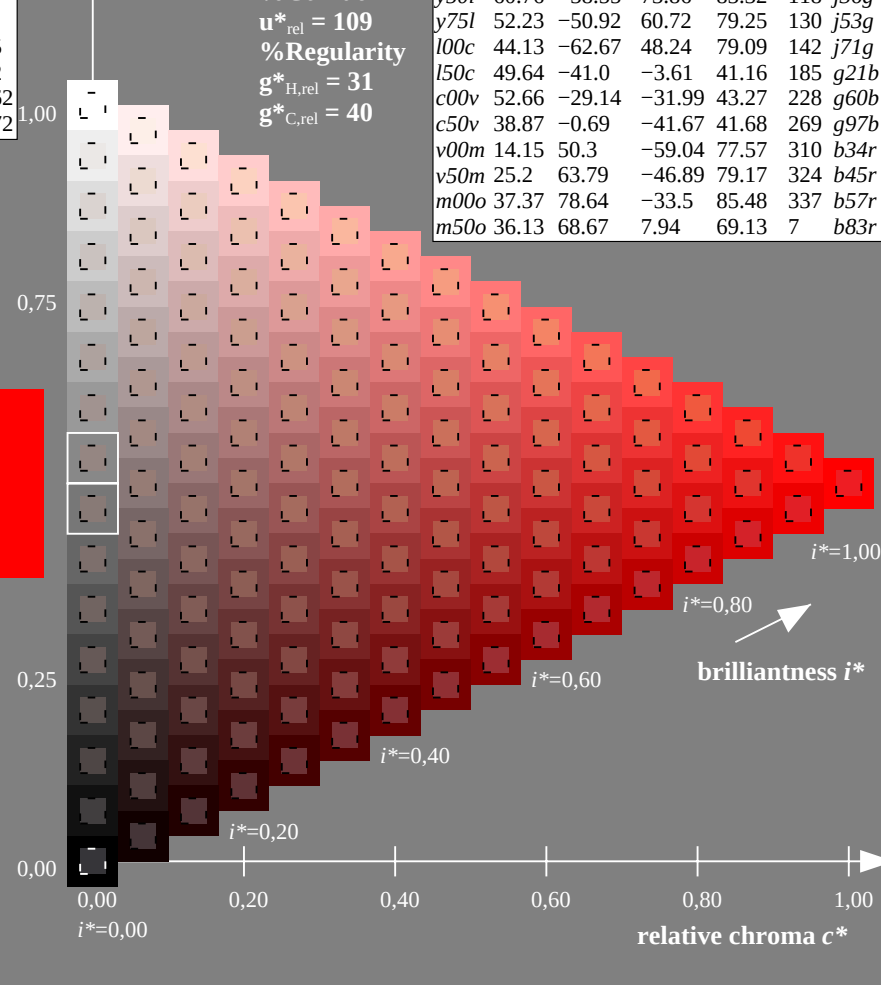
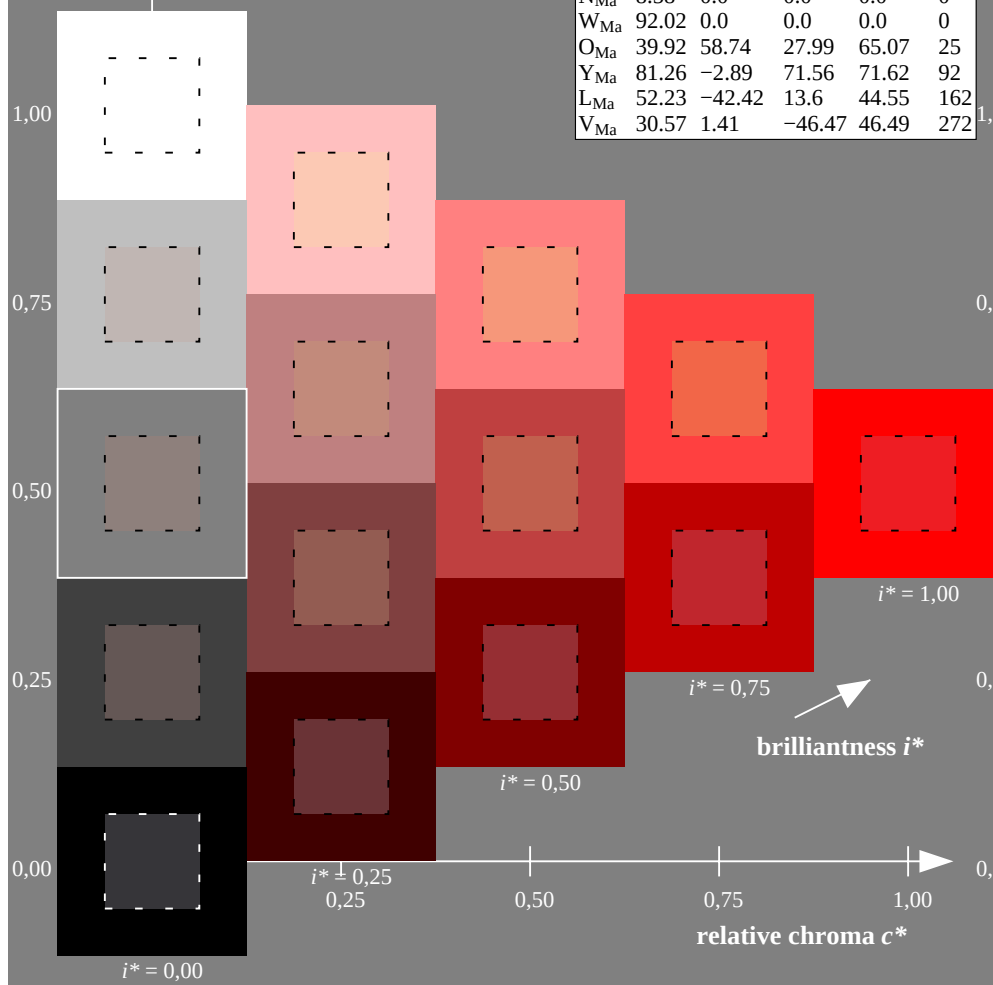
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

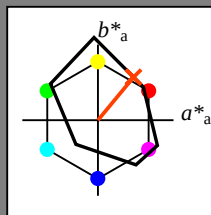
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 47 57

$LAB^*LCH^*_{Ma}$: 45 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

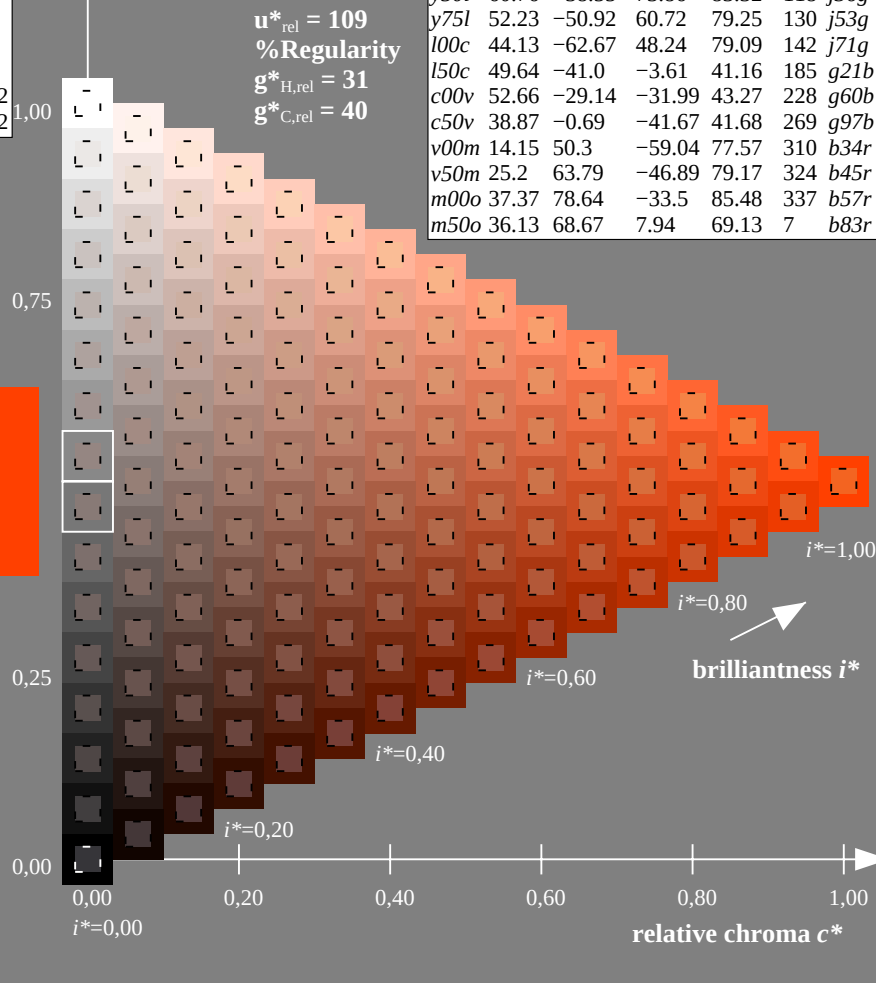
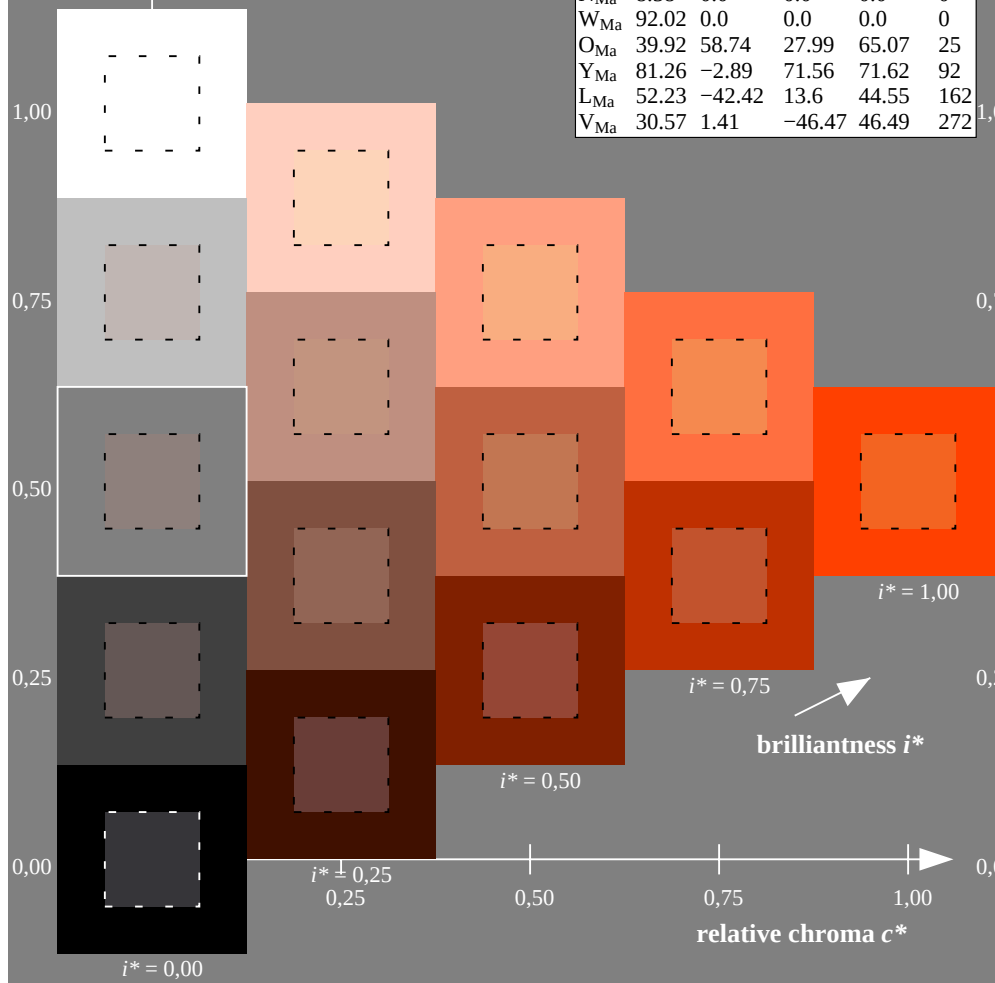
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

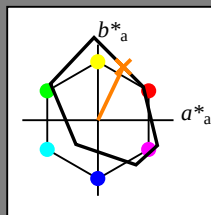
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	35.06	60.0	44.0	74.4	36
YMa	83.77	-5.17	109.32	109.44	93
LMa	44.13	-62.67	48.24	79.09	142
CMa	52.66	-29.14	-31.99	43.27	228
VMa	14.15	50.3	-59.04	77.57	310
MMa	37.37	78.64	-33.5	85.48	337
NMa	8.58	0.0	0.0	0.0	0
WMa	92.02	0.0	0.0	0.0	0
OMa	39.92	58.74	27.99	65.07	25
YMa	81.26	-2.89	71.56	71.62	92
LMa	52.23	-42.42	13.6	44.55	162
VMa	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 55 34 70

LAB^*LCH^*Ma : 55 78 64

lab^*olv^*Ma : 1.0 0.5 0.0

lab^*rgb^*Ma : 1.0 0.58 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

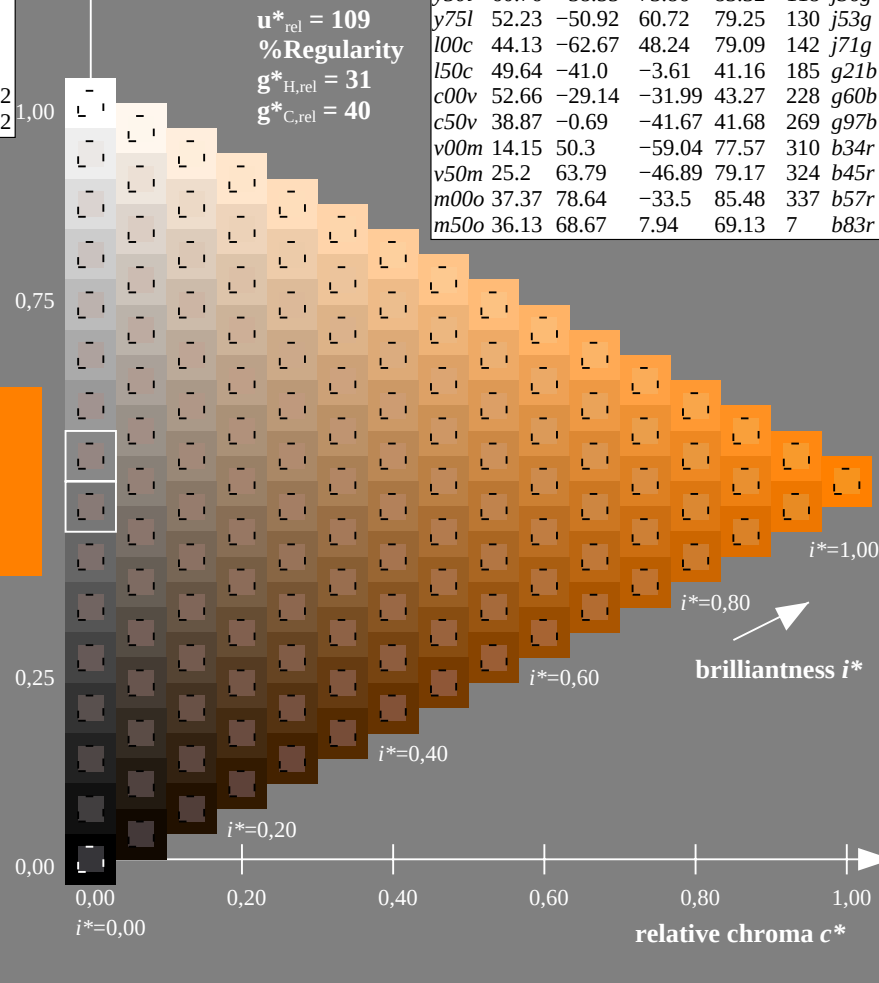
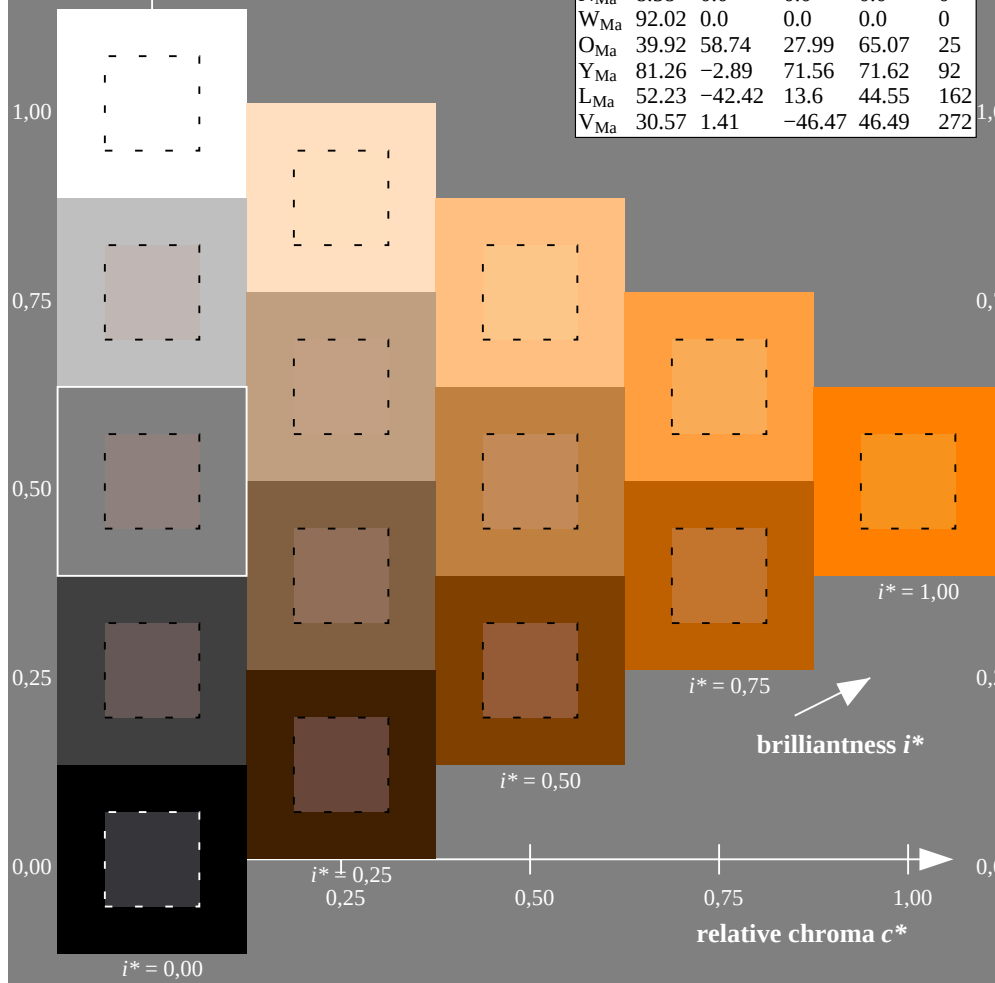
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

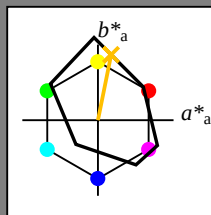
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 17 87

$LAB^*LCH^*_{Ma}$: 67 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

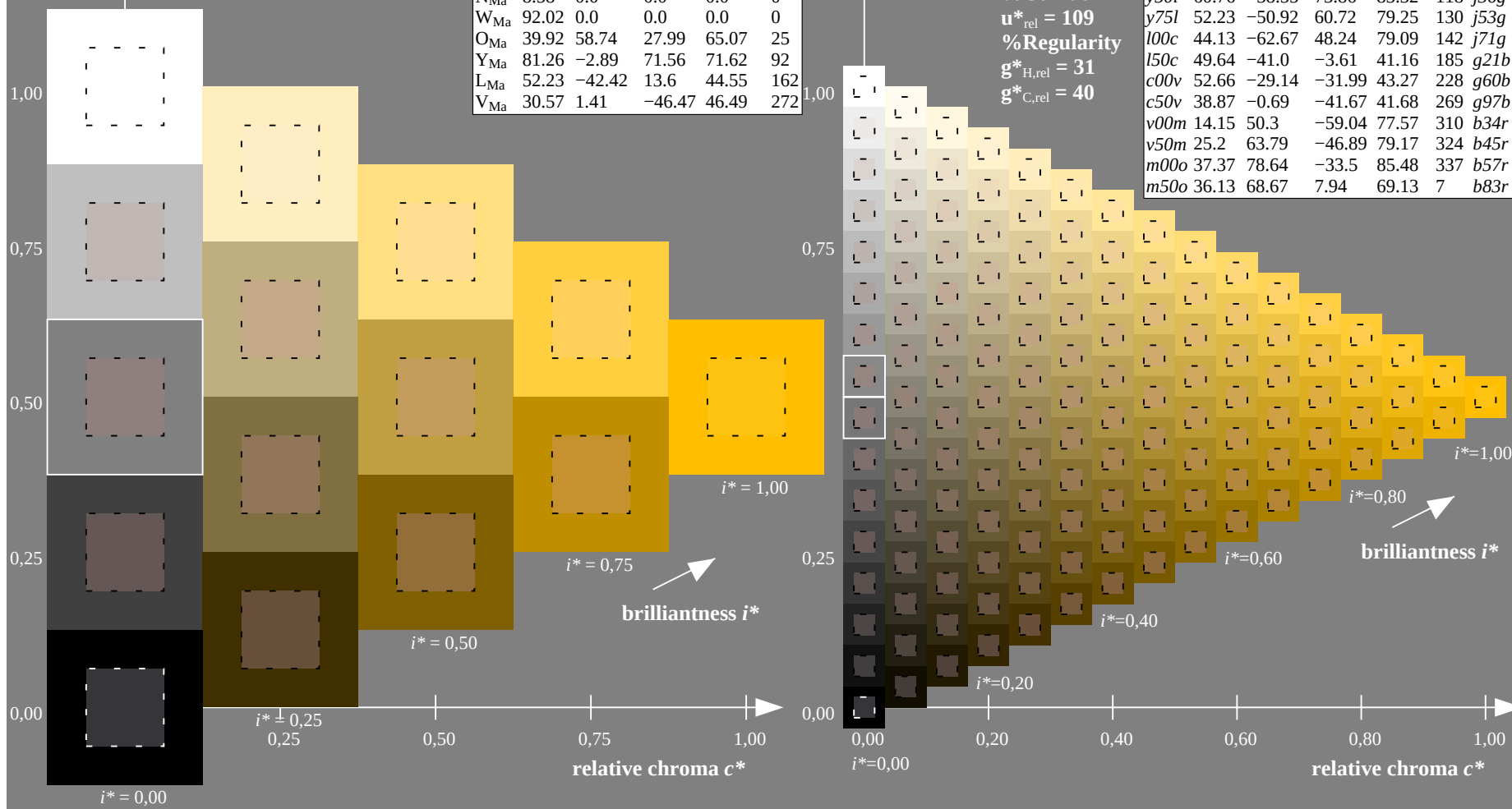
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = o75y$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

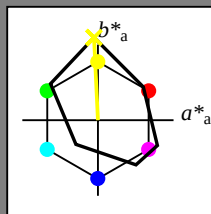
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 84 -5 109

$LAB^*LCH^*_{Ma}$: 84 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

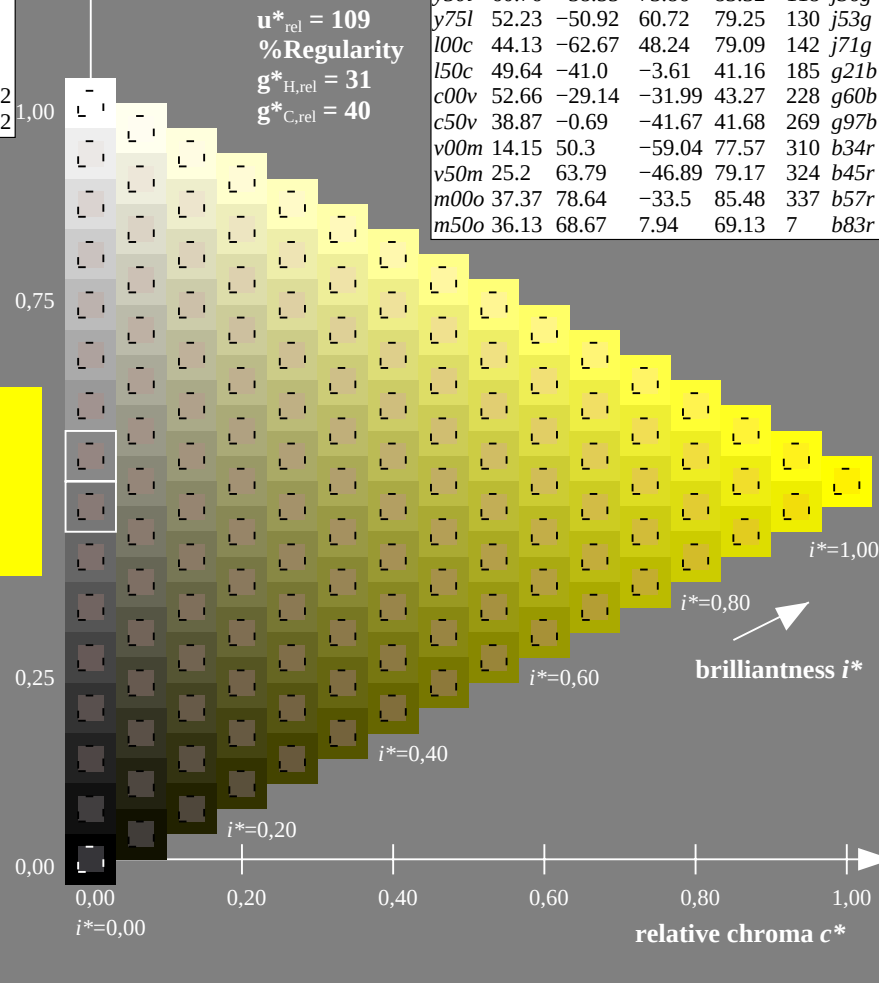
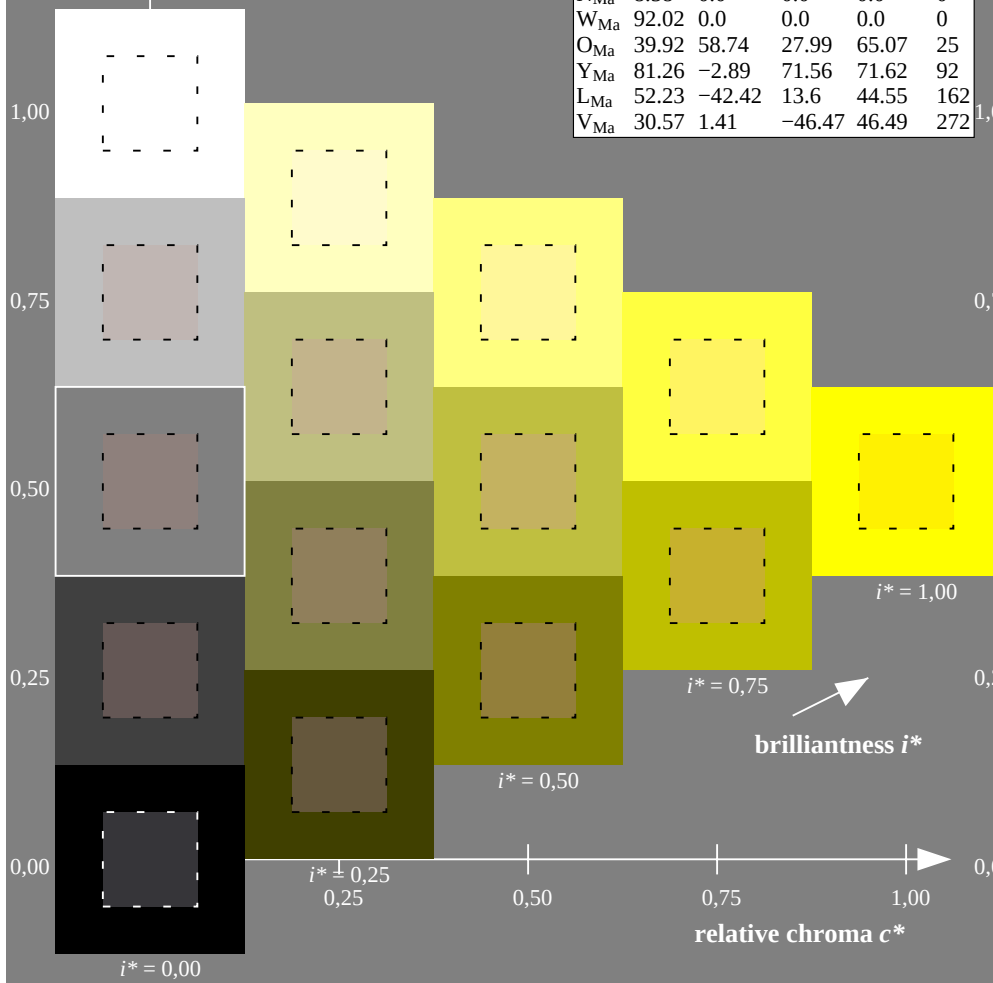
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = y00l$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

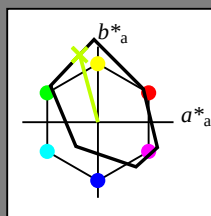
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 71 -24 89

$LAB^*LCH^*_{Ma}$: 71 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

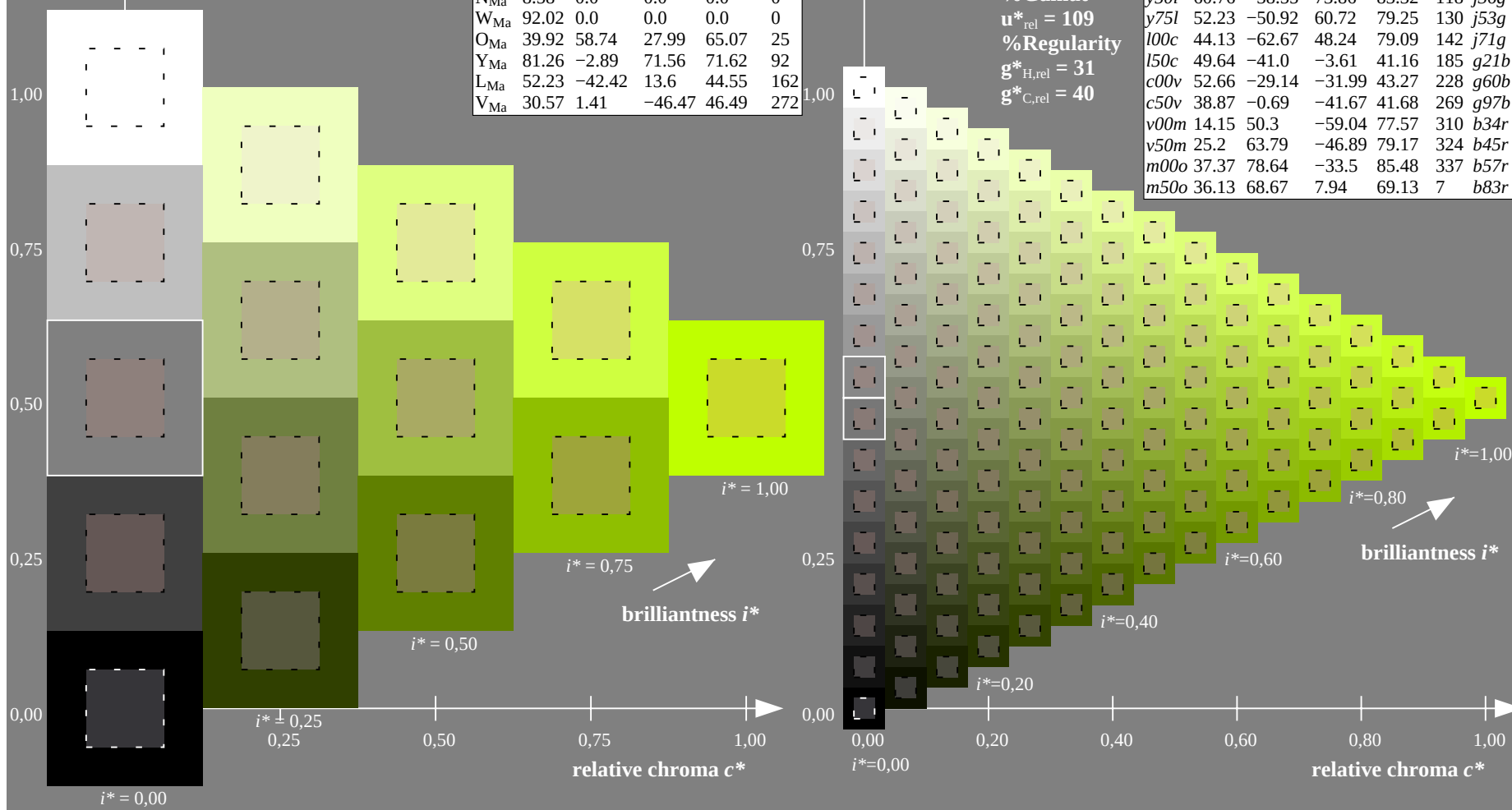
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

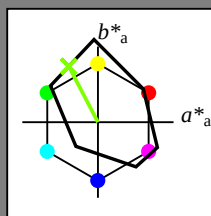
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 61 -39 74

$LAB^*LCH^*_{Ma}$: 61 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

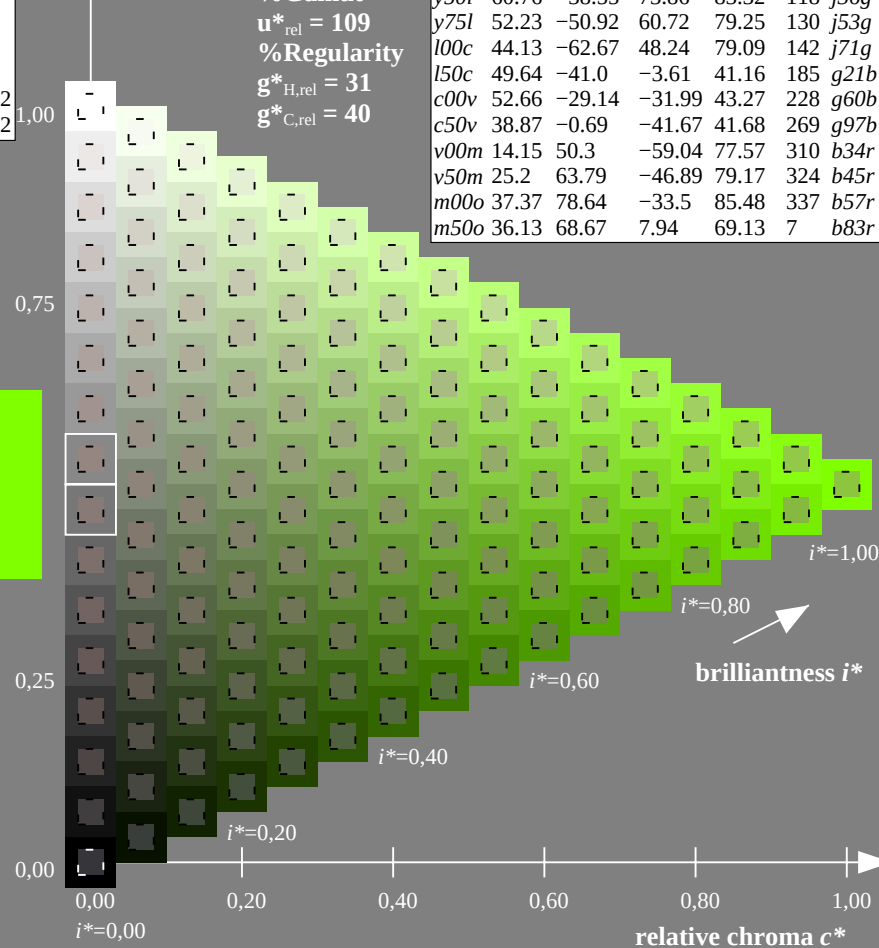
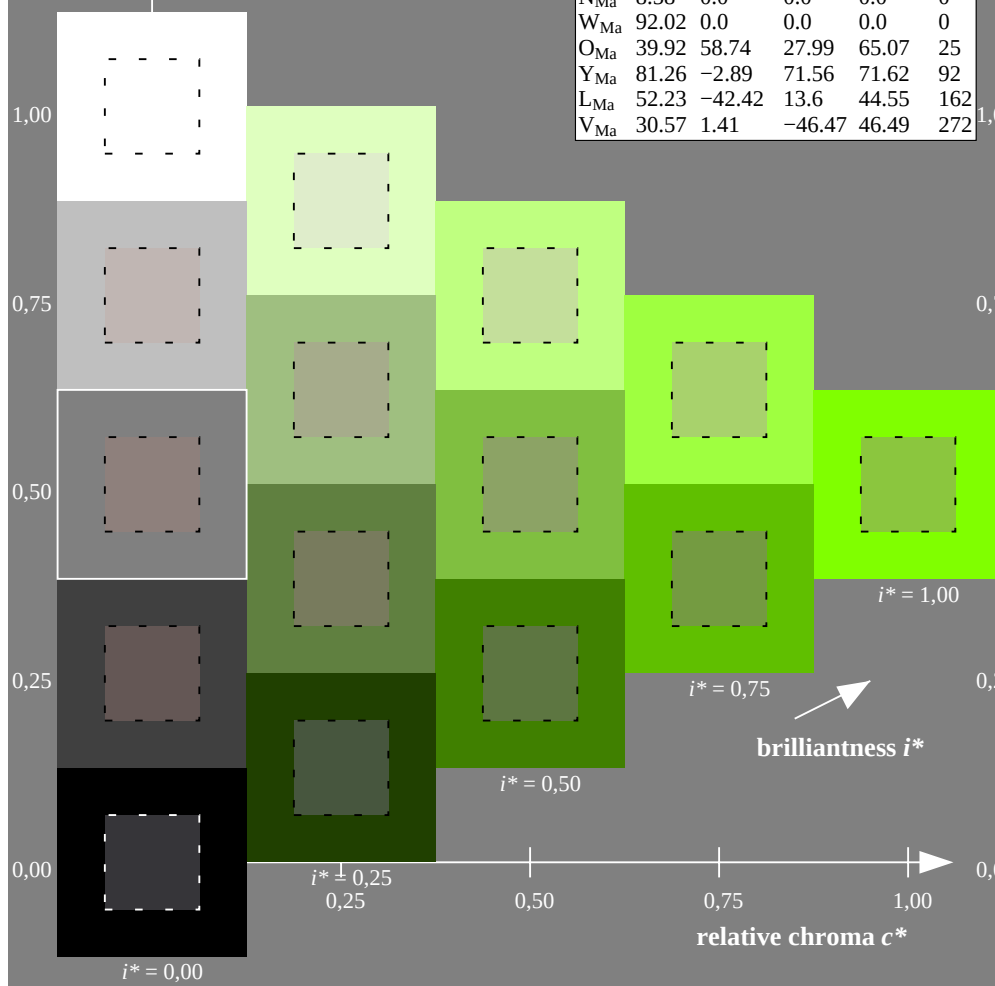
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

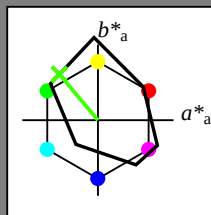
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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 -51 61

$LAB^*LCH^*_{Ma}$: 52 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

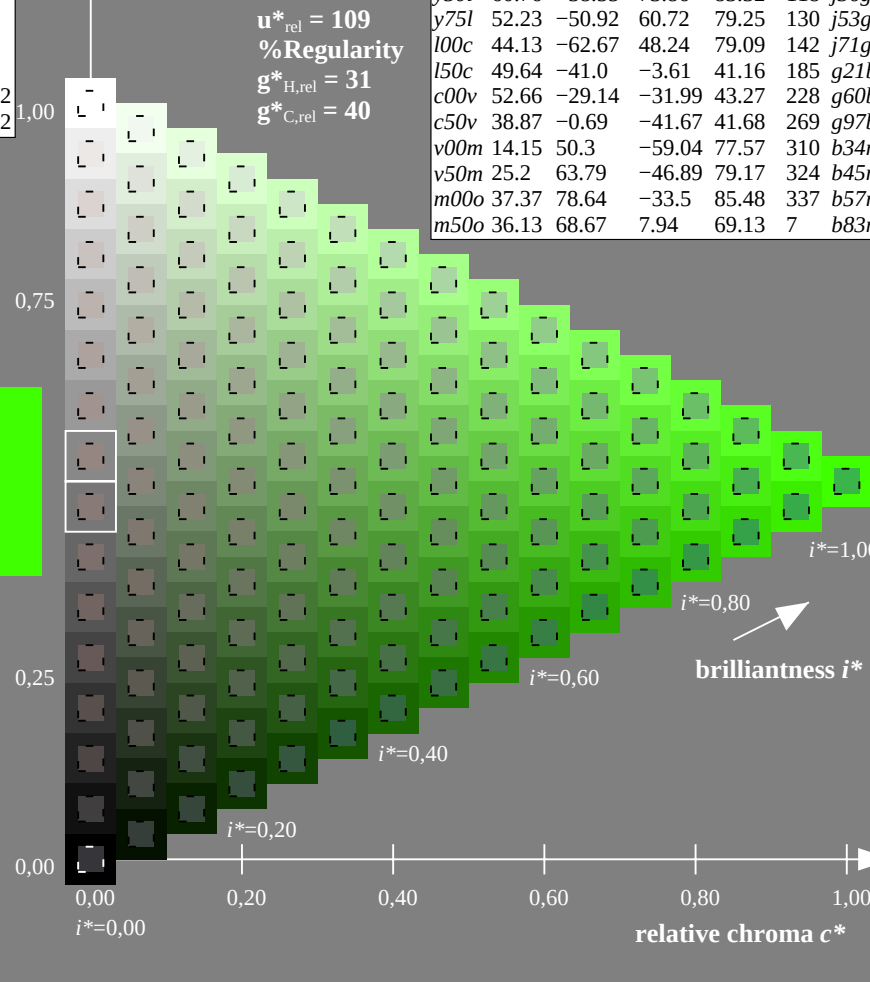
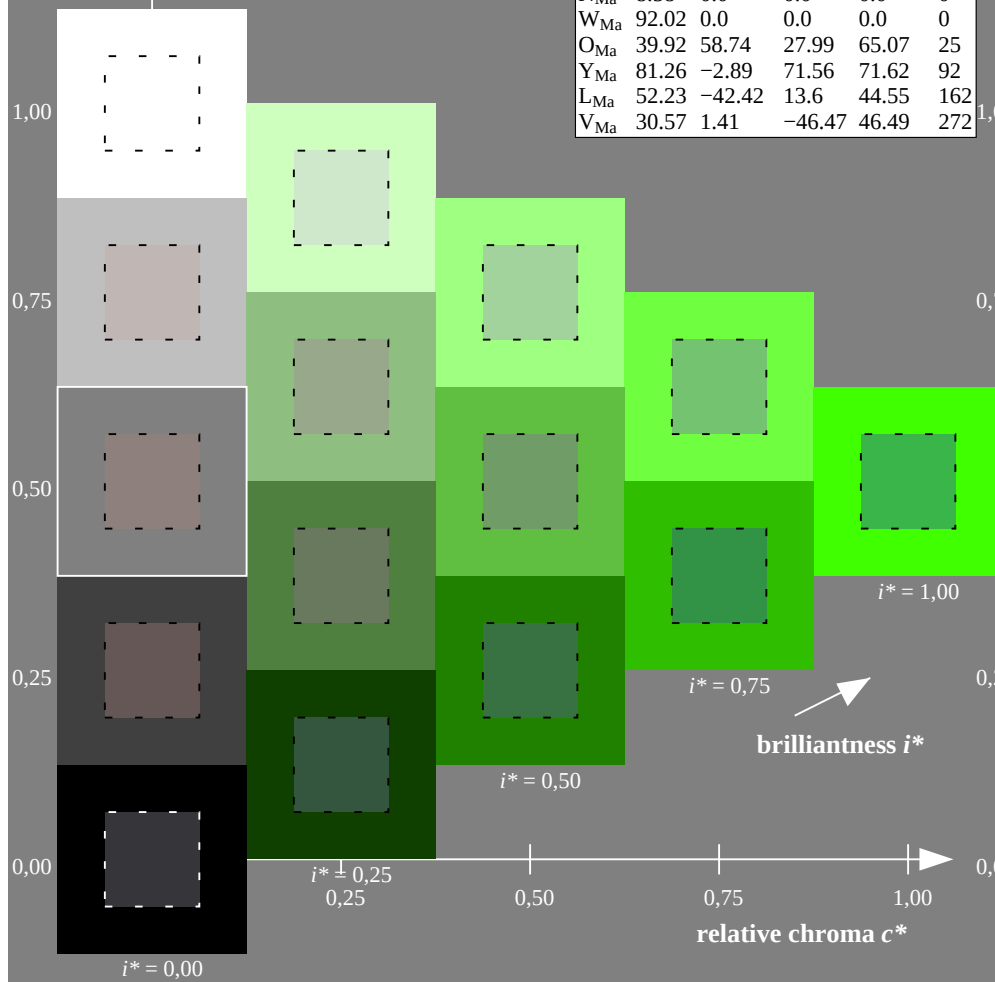
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

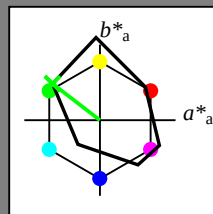
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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 -63 48

$LAB^*LCH^*_{Ma}$: 44 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

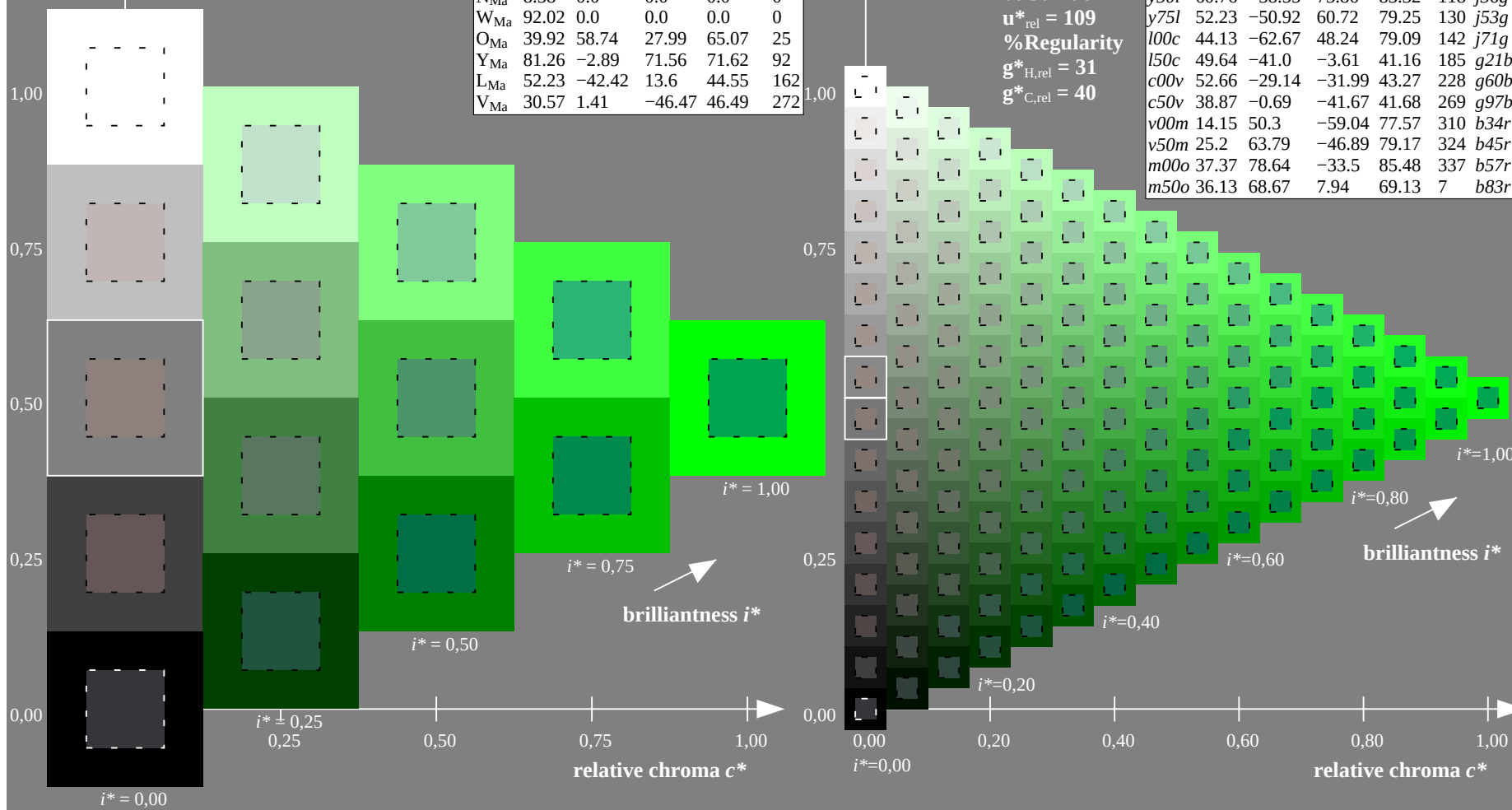
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

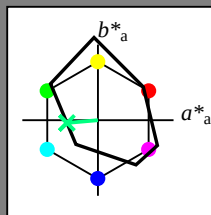
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 50 -41 -4

$LAB^*LCH^*_{Ma}$: 50 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

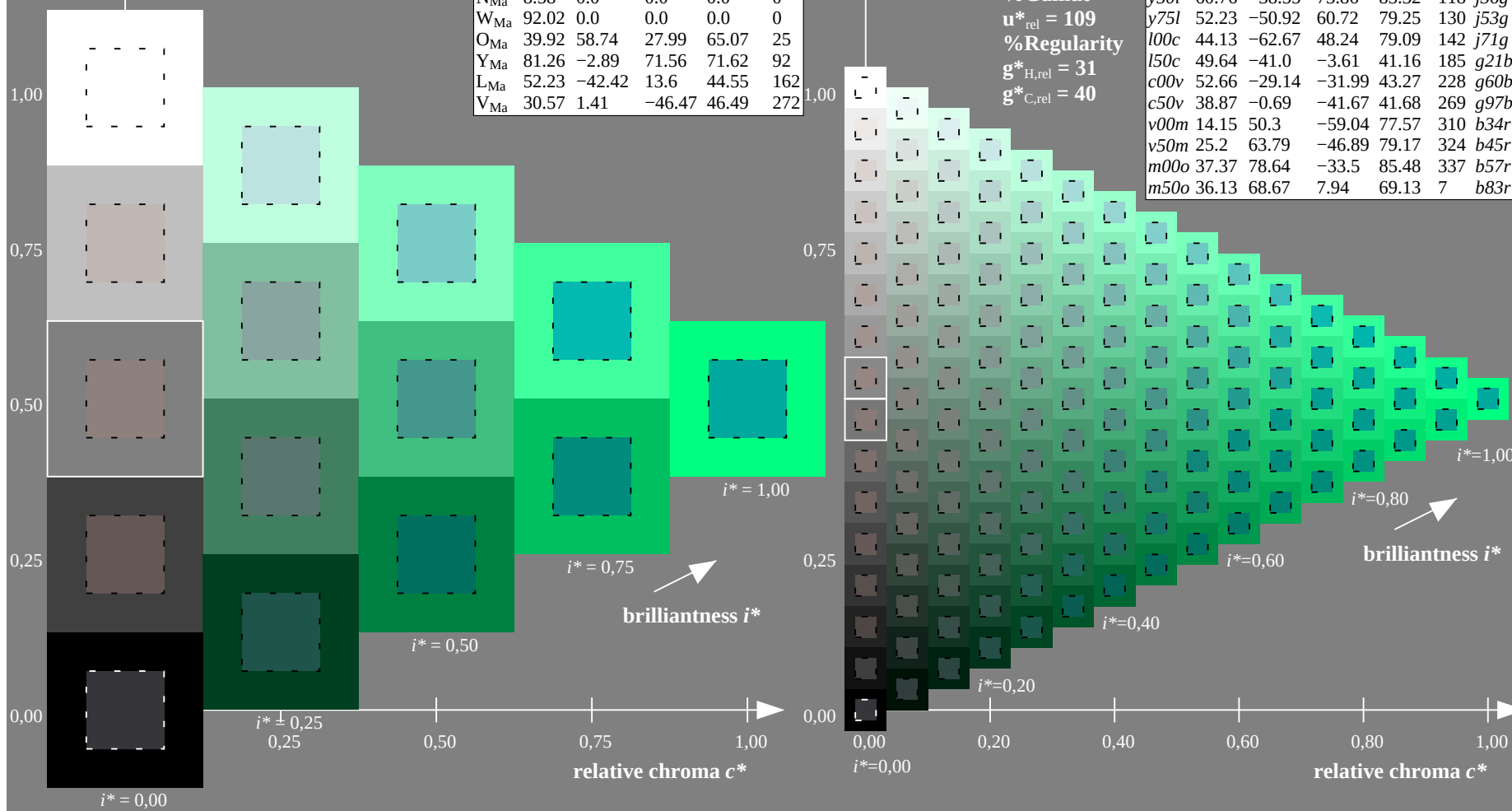
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

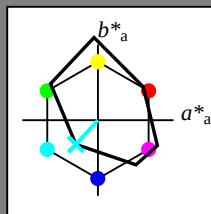
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 53 -29 -32

$LAB^*LCH^*_{Ma}$: 53 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

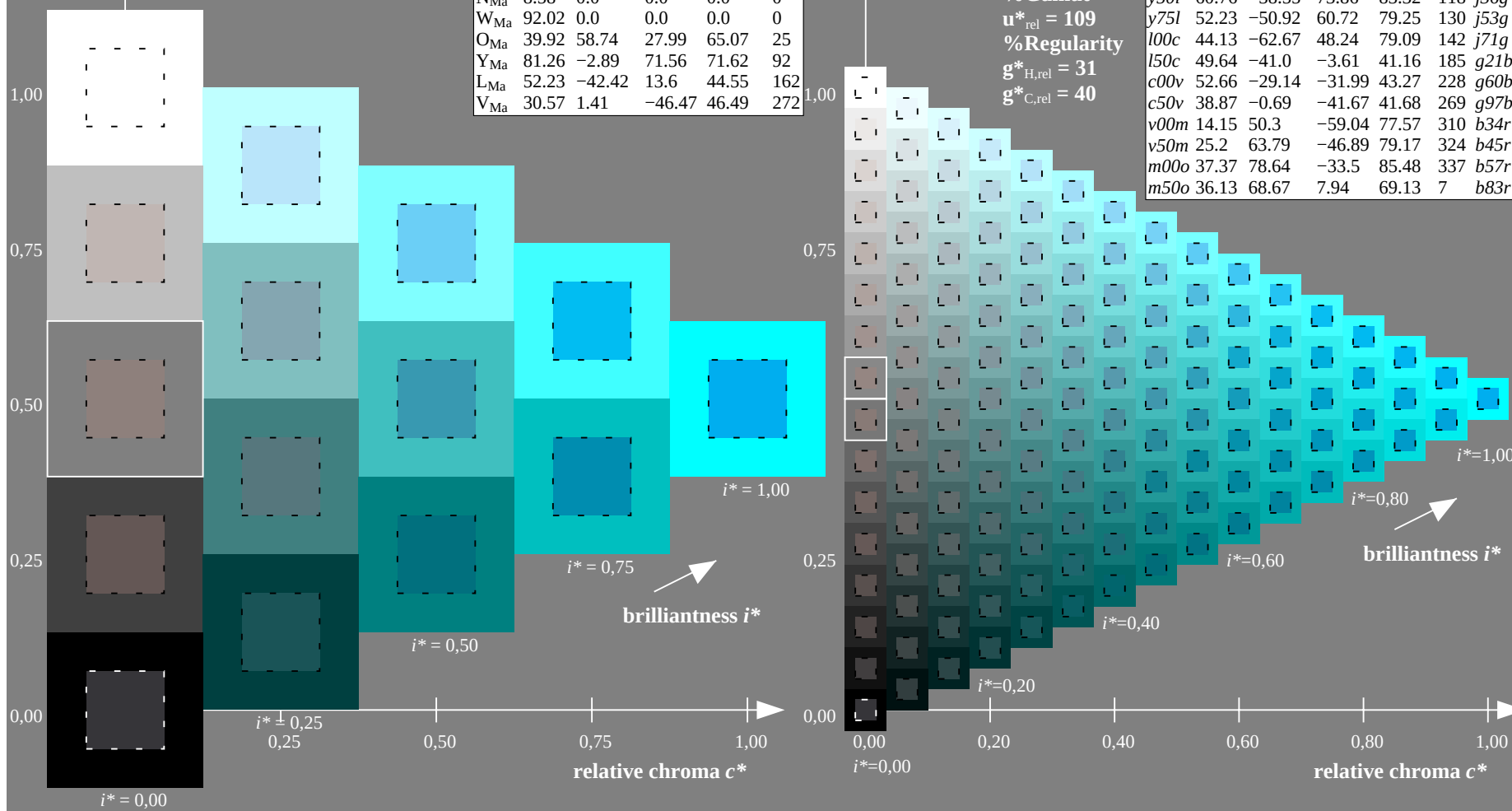
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

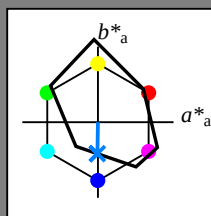
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 39 -1 -42

$LAB^*LCH^*_{Ma}$: 39 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

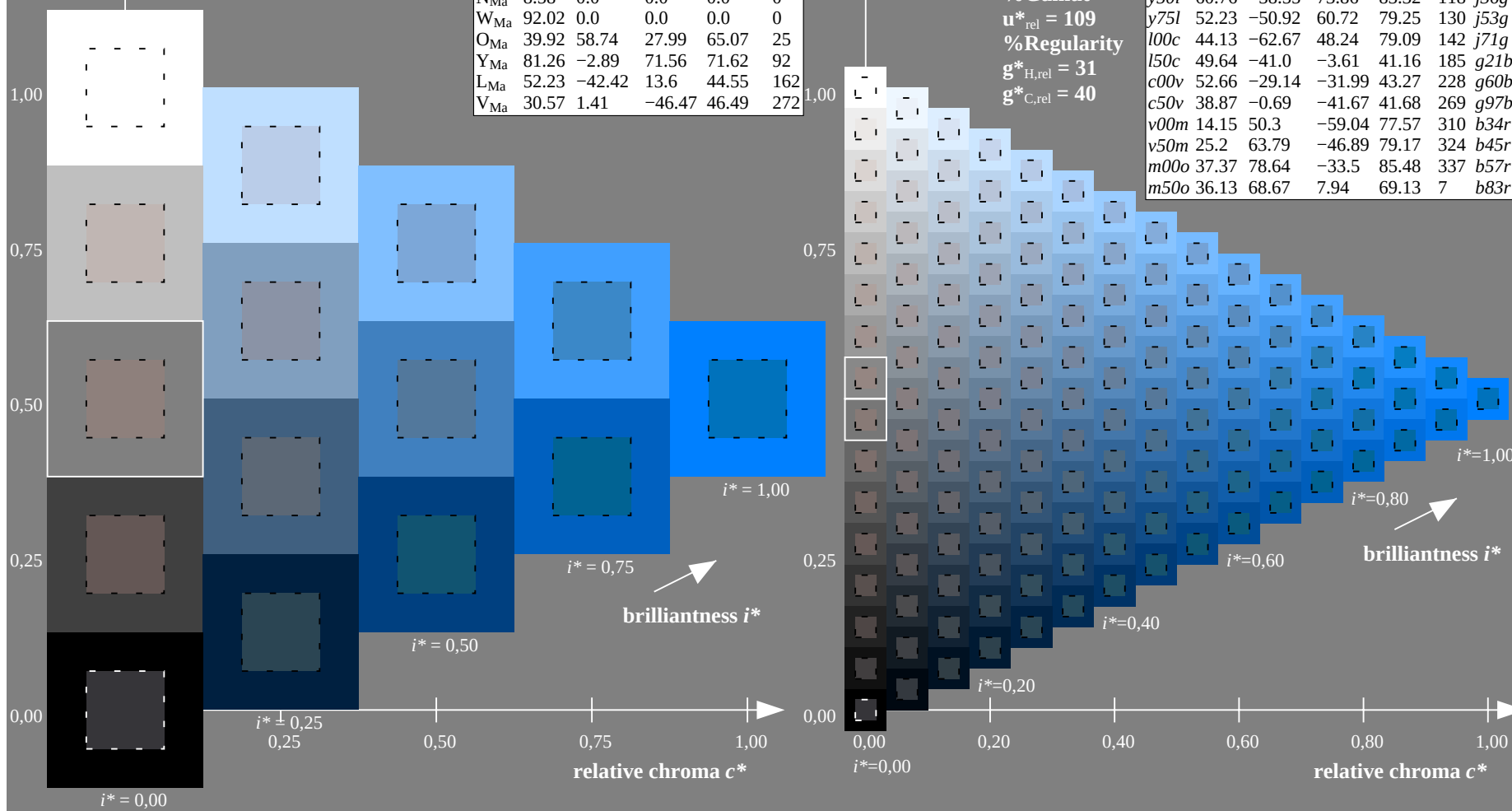
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

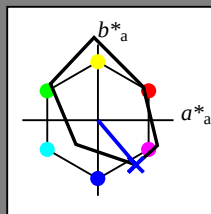
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 14 50 -59

$LAB^*LCH^*_{Ma}$: 14 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

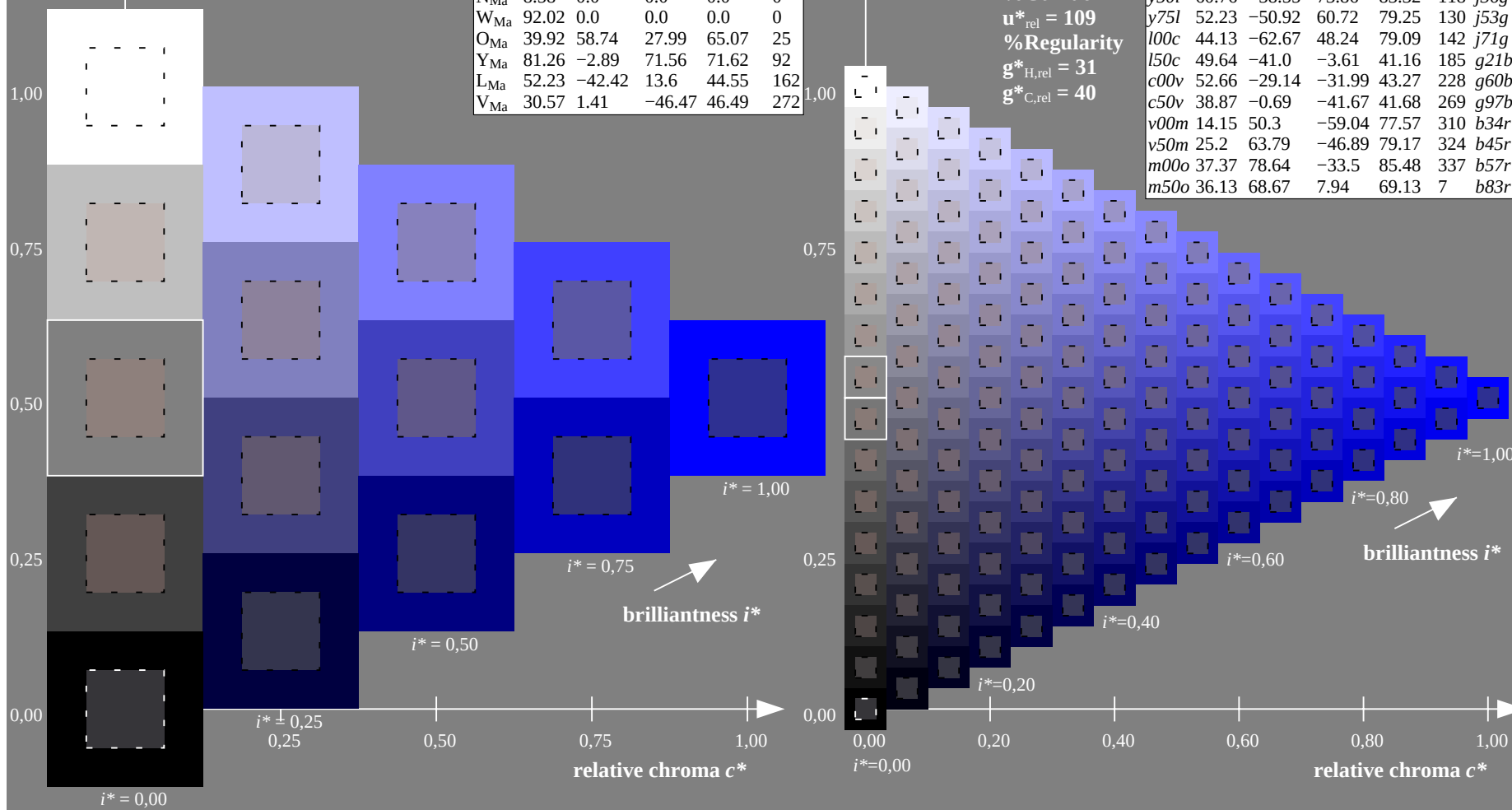
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

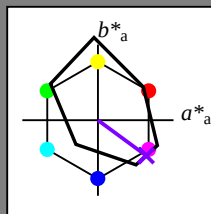
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	35.06	60.0	44.0	74.4	36
YMa	83.77	-5.17	109.32	109.44	93
LMa	44.13	-62.67	48.24	79.09	142
CMa	52.66	-29.14	-31.99	43.27	228
VMa	14.15	50.3	-59.04	77.57	310
MMa	37.37	78.64	-33.5	85.48	337
NMa	8.58	0.0	0.0	0.0	0
WMa	92.02	0.0	0.0	0.0	0
OMa	39.92	58.74	27.99	65.07	25
YMa	81.26	-2.89	71.56	71.62	92
LMa	52.23	-42.42	13.6	44.55	162
VMa	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 25 64 -47

LAB^*LCH^*Ma : 25 79 323

lab^*olv^*Ma : 0.5 0.0 1.0

lab^*rgb^*Ma : 0.91 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

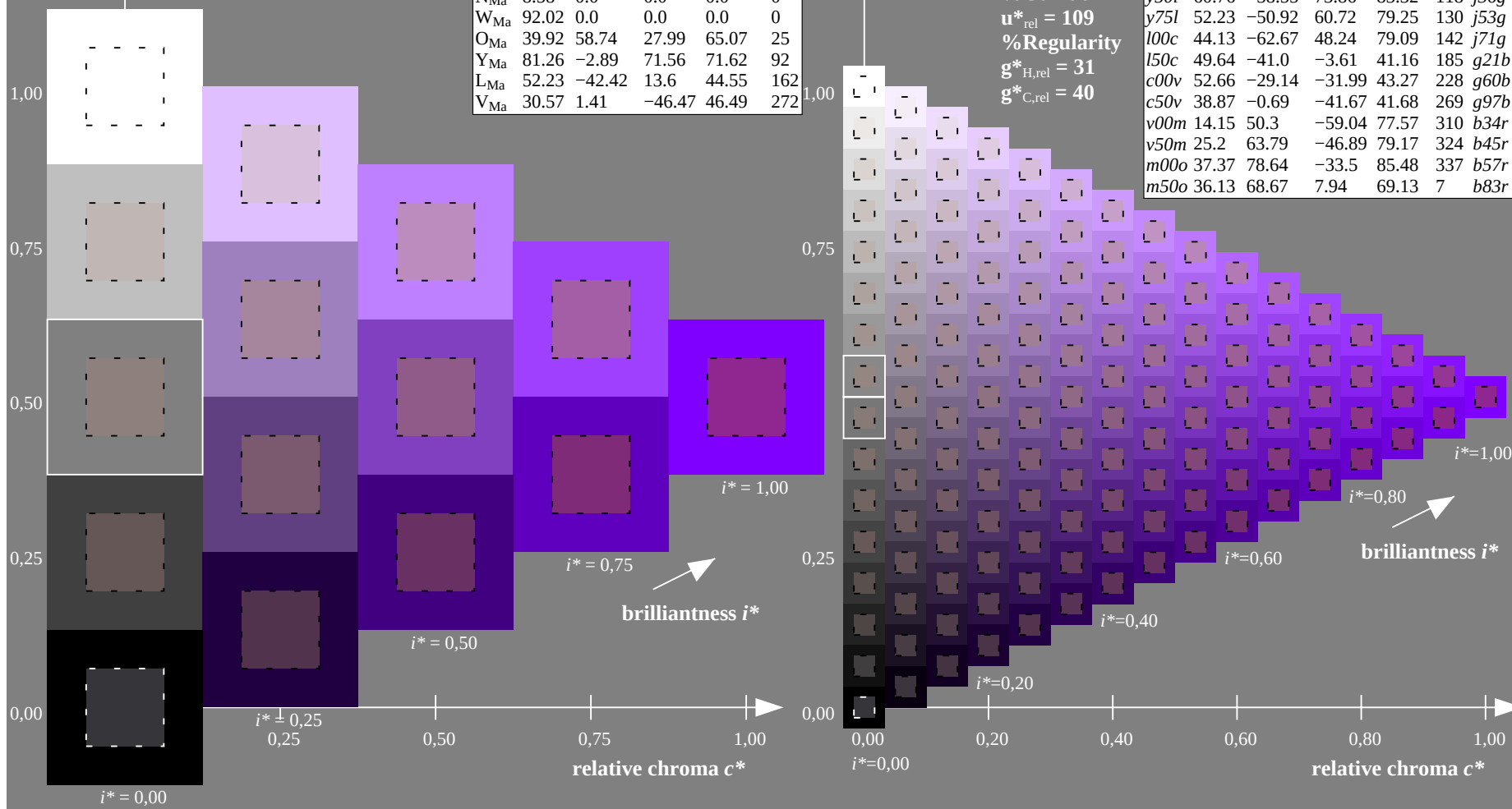
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

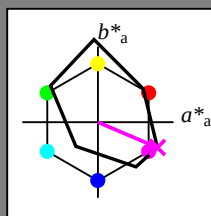
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 37 79 -34

$LAB^*LCH^*_{Ma}$: 37 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

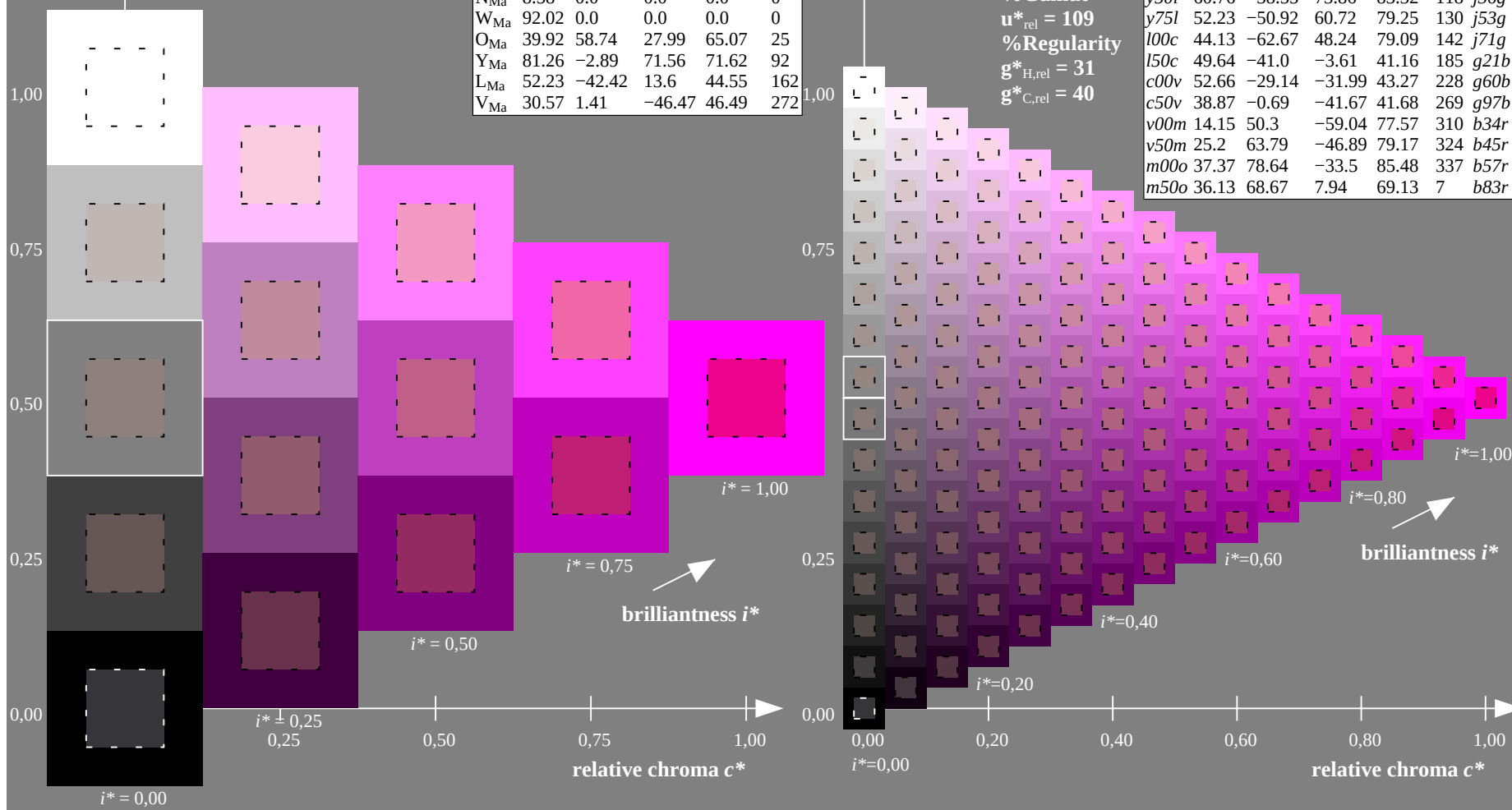
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = m00o$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

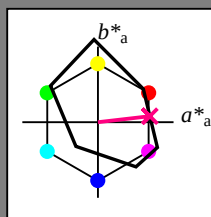
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 36 69 8

$LAB^*LCH^*_{Ma}$: 36 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

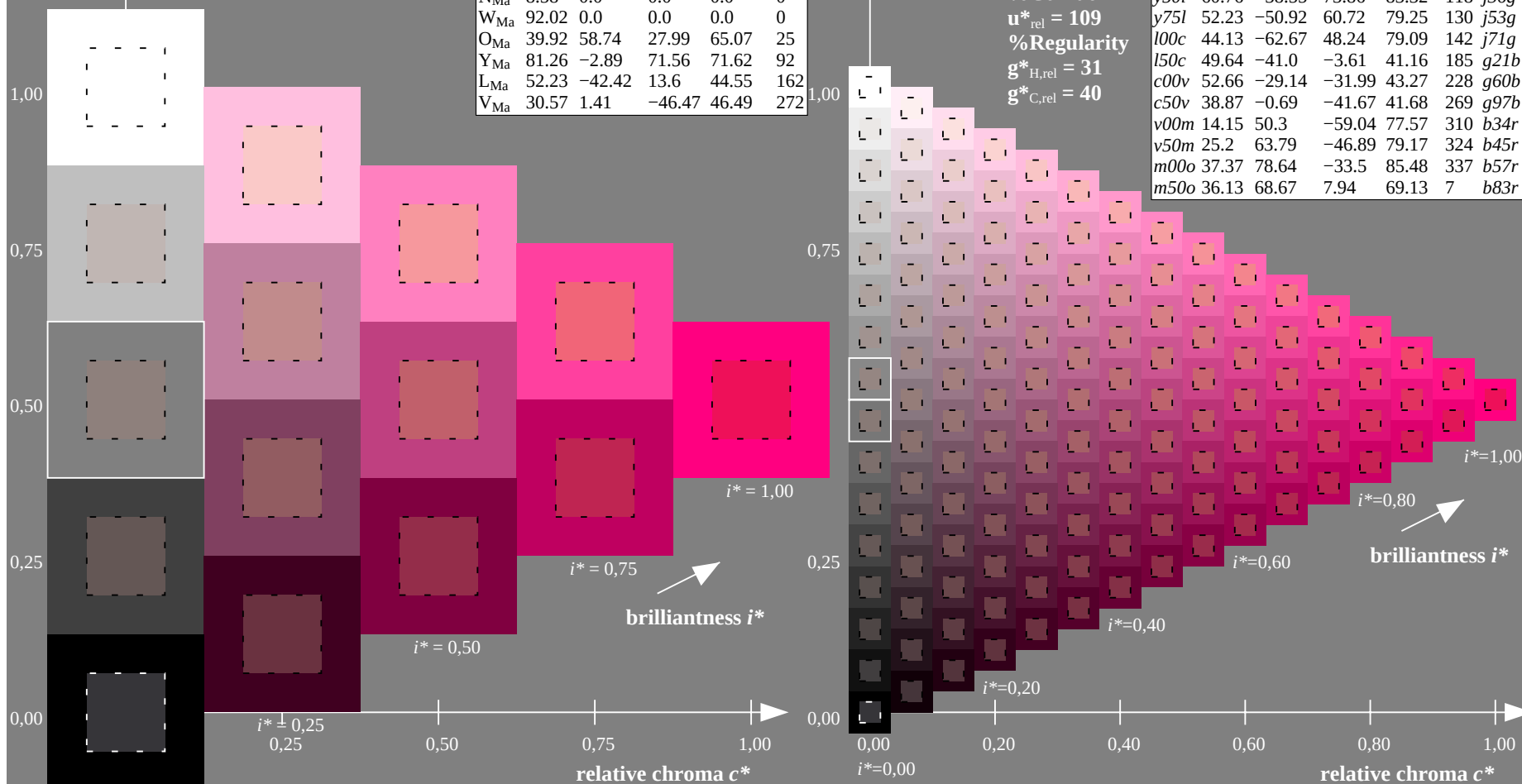
%Regularity

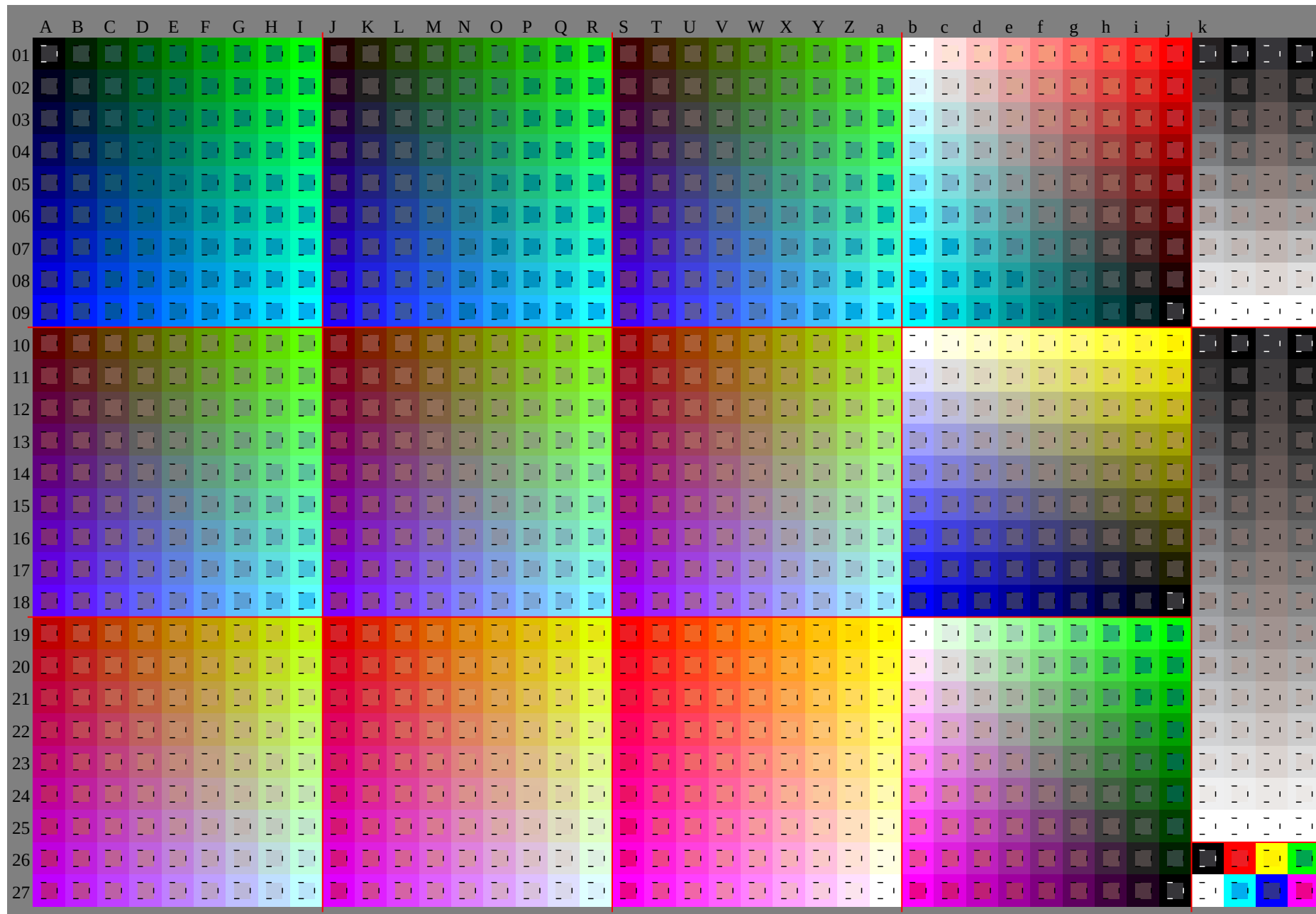
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



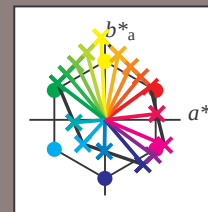


Input and output:
Colorimetric Printer Reflective System FRS09_92aM
data for any colour:

u^*_d and number *no.* = 00 .. 15
device hue text:
 $u^*_d = 16$ hues *o00y*, *o25y*, ..., *m50o*
contrast reduction factor:
 $c_R = 1.0$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	35.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	44.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	54.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	66.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	83.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	70.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	60.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	52.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	44.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	49.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	52.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	38.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	14.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	25.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	37.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	36.13	68.67	7.94	69.13	7	<i>b83r</i>



%Gamut

$u^*_{rel} = 109$

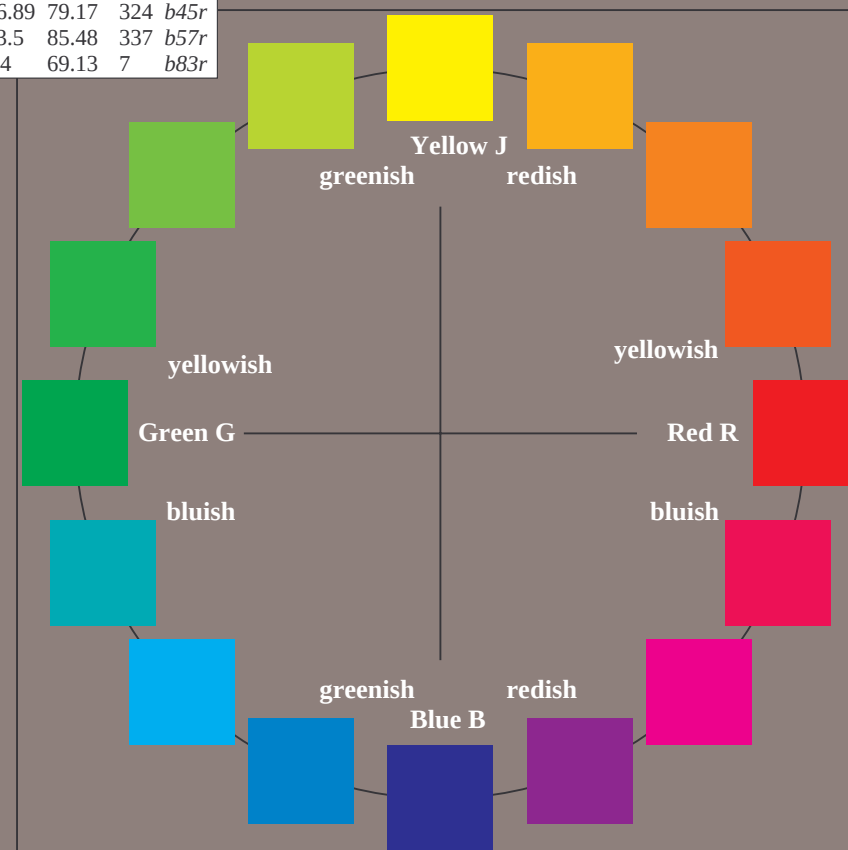
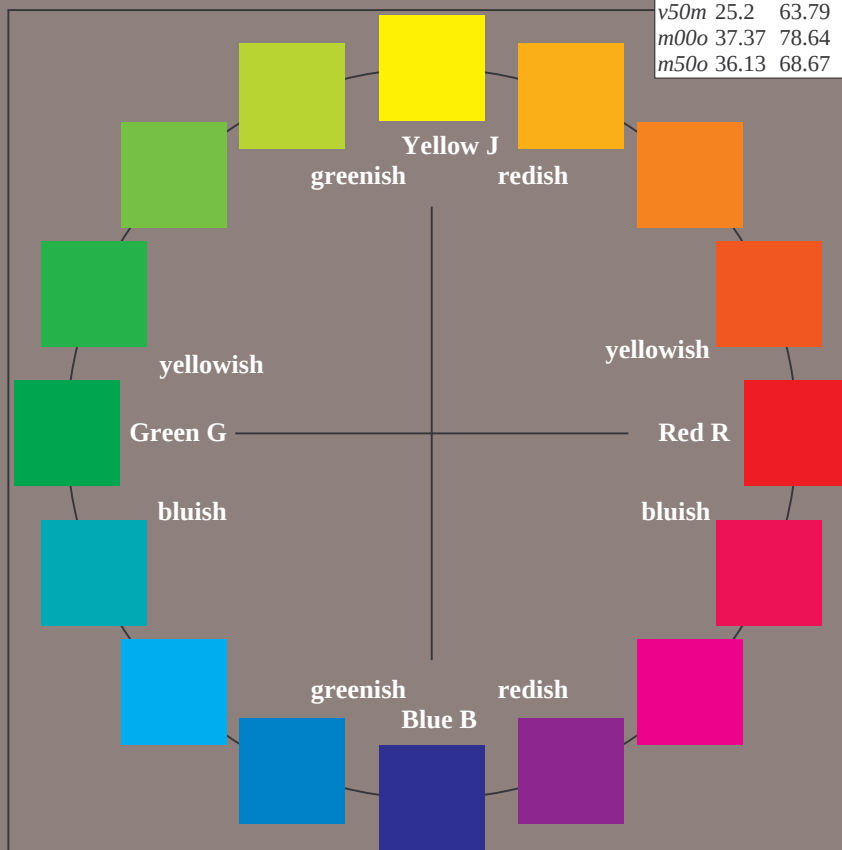
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{CIE}	39.92	58.74	27.99	65.07	25
Y _{CIE}	81.26	-2.89	71.56	71.62	92
L _{CIE}	52.23	-42.42	13.6	44.55	162
V _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

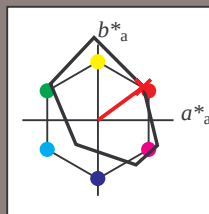
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 60 44

$LAB^*LCH^*_{Ma}$: 35 74 36

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

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

triangle lightness t^*

%Gamut

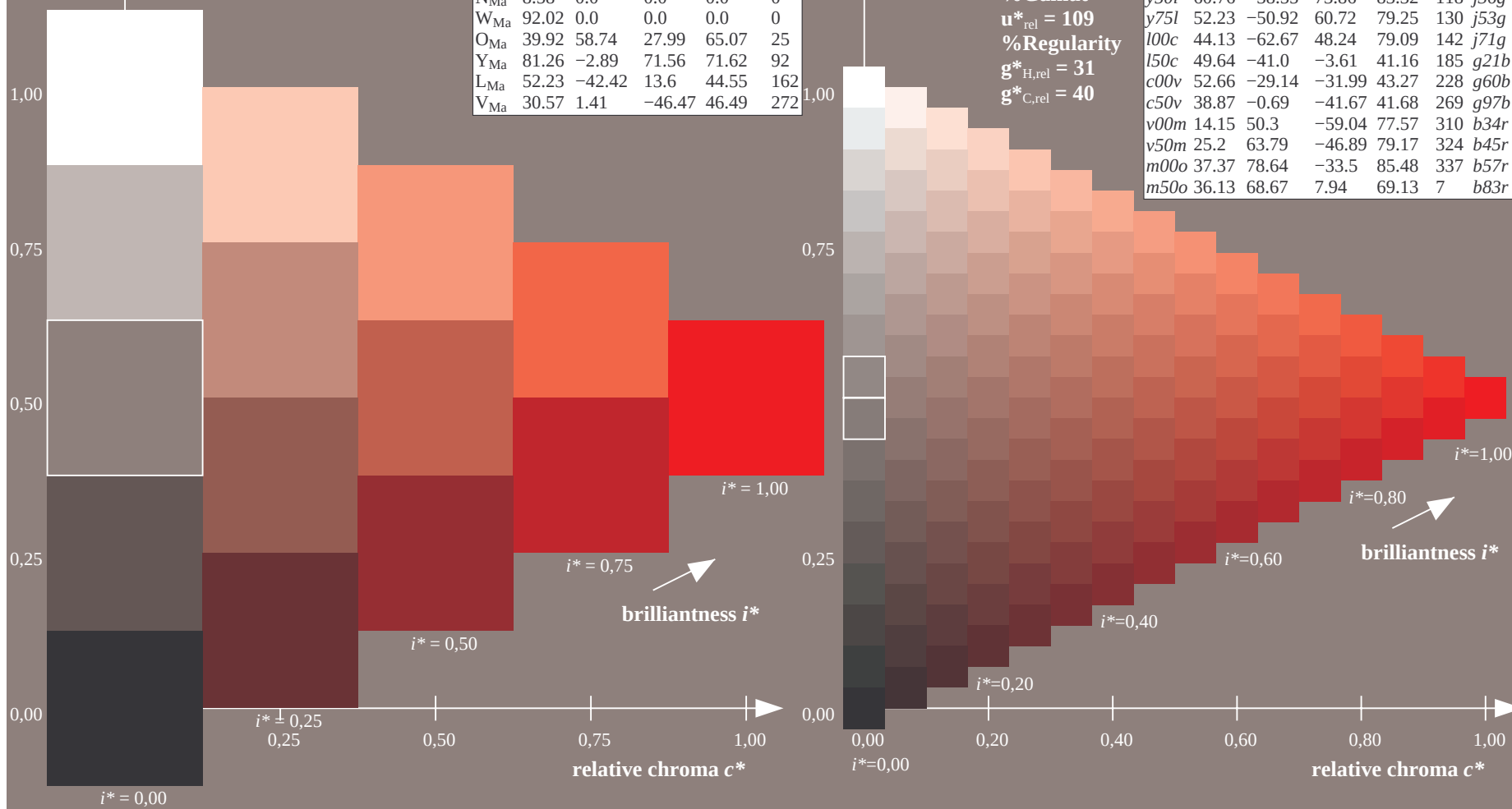
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

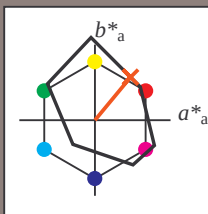
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 47 57

$LAB^*LCH^*_{Ma}$: 45 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

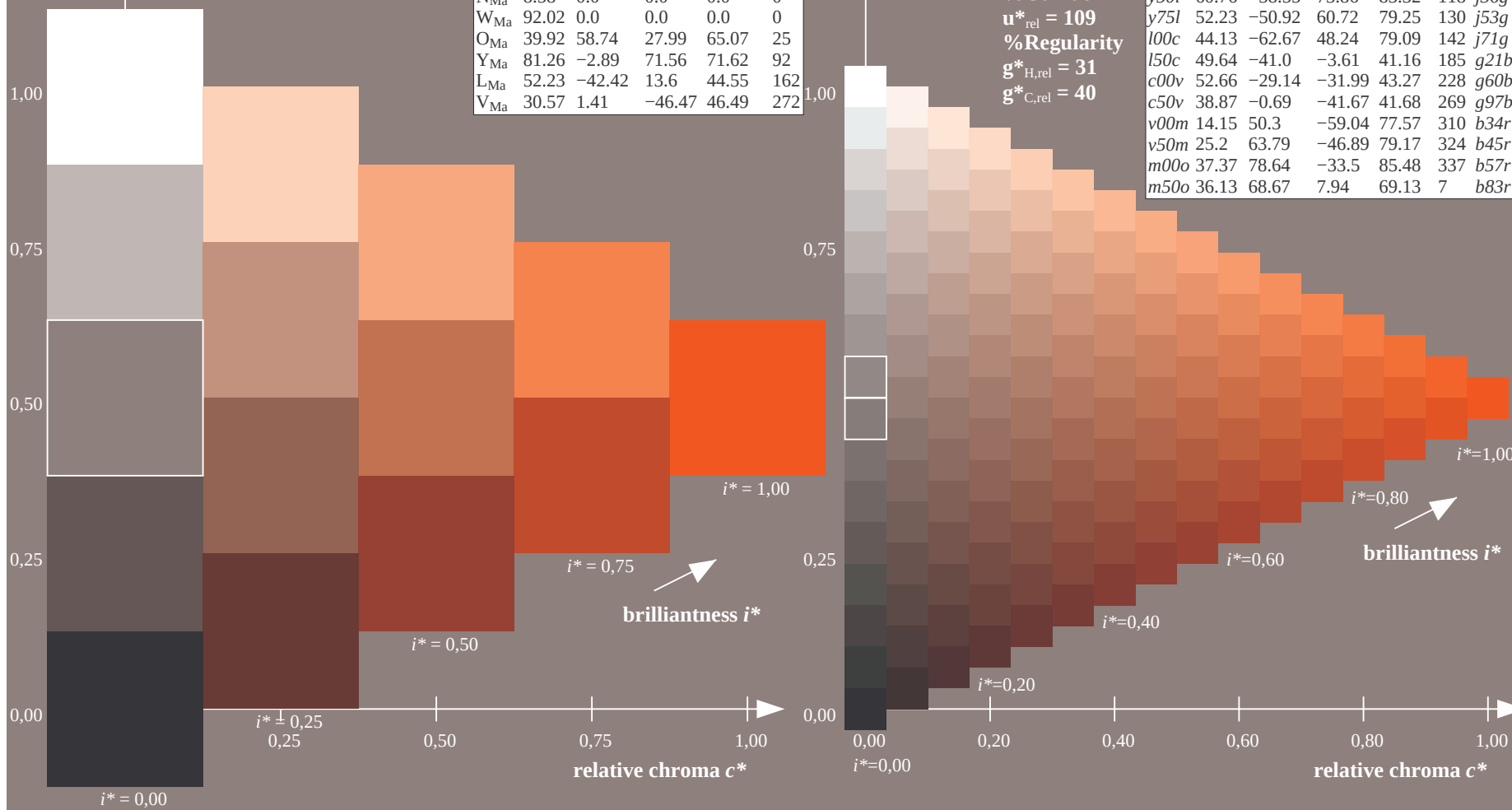
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = o25y$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

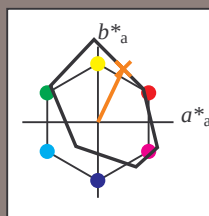
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 55 34 70

$LAB^*LCH^*_{Ma}$: 55 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

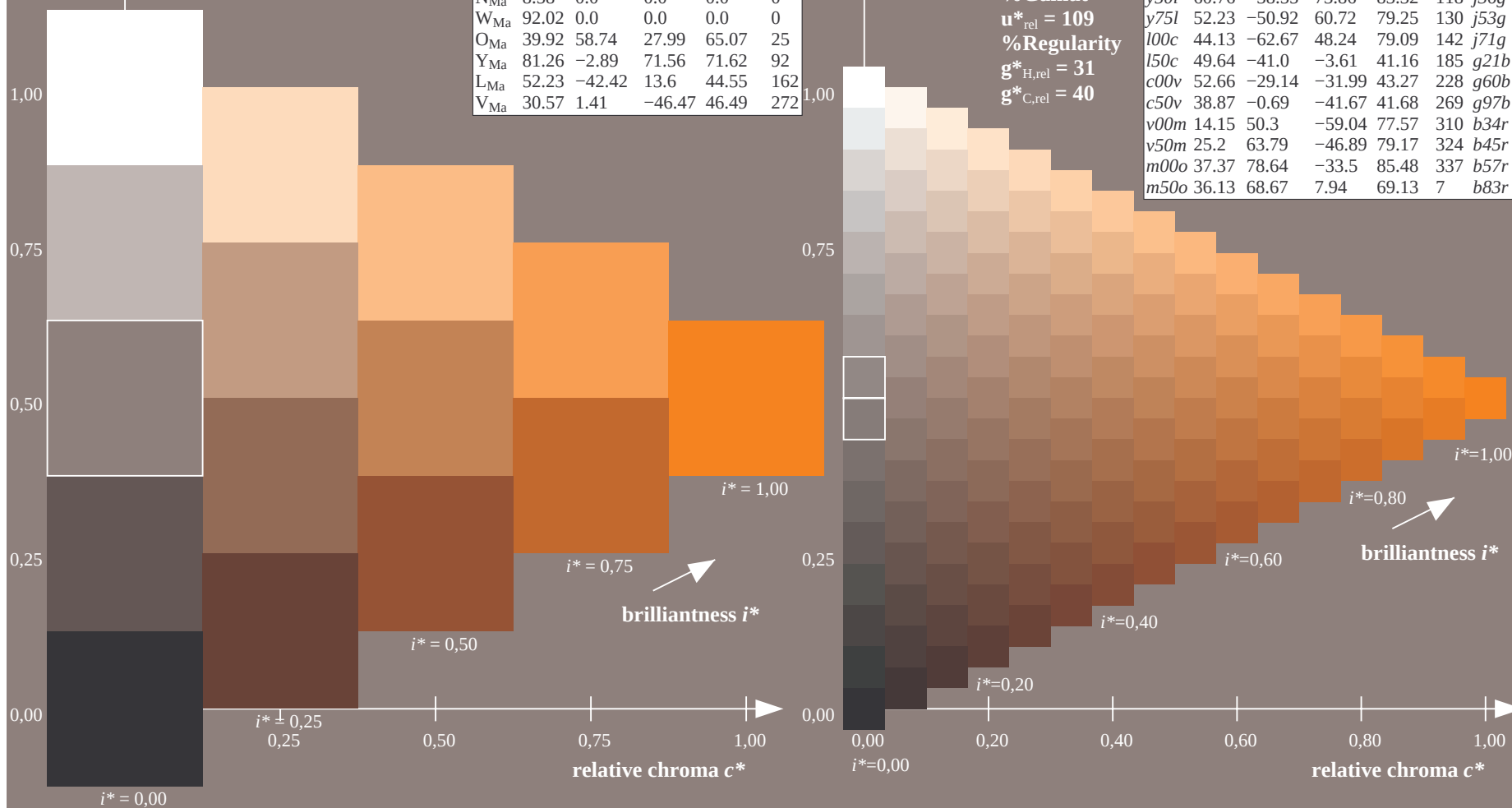
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

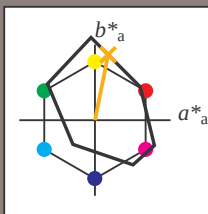
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 17 87

$LAB^*LCH^*_{Ma}$: 67 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

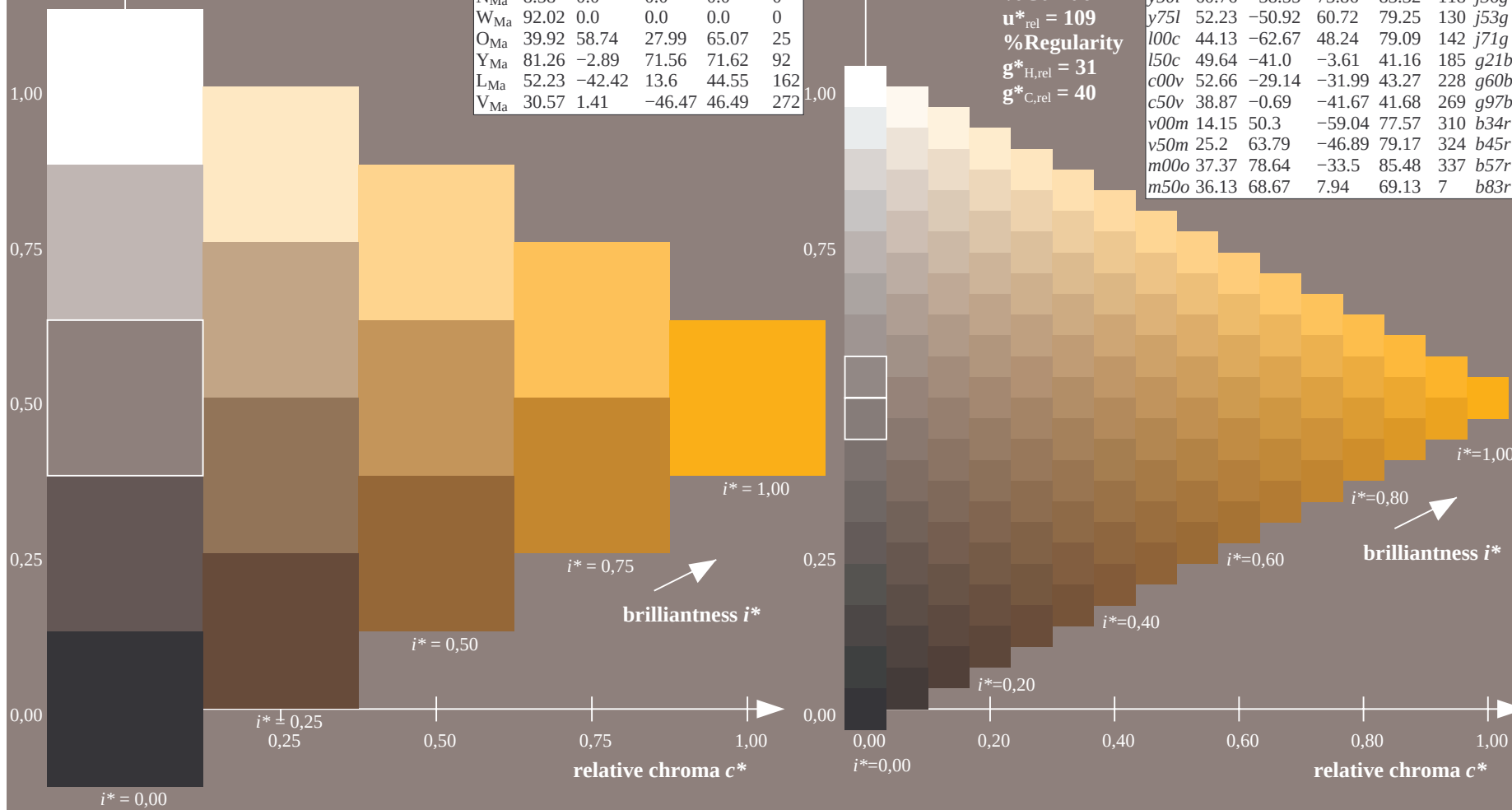
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

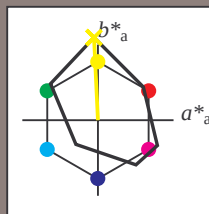
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 84 -5 109

$LAB^*LCH^*_{Ma}$: 84 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

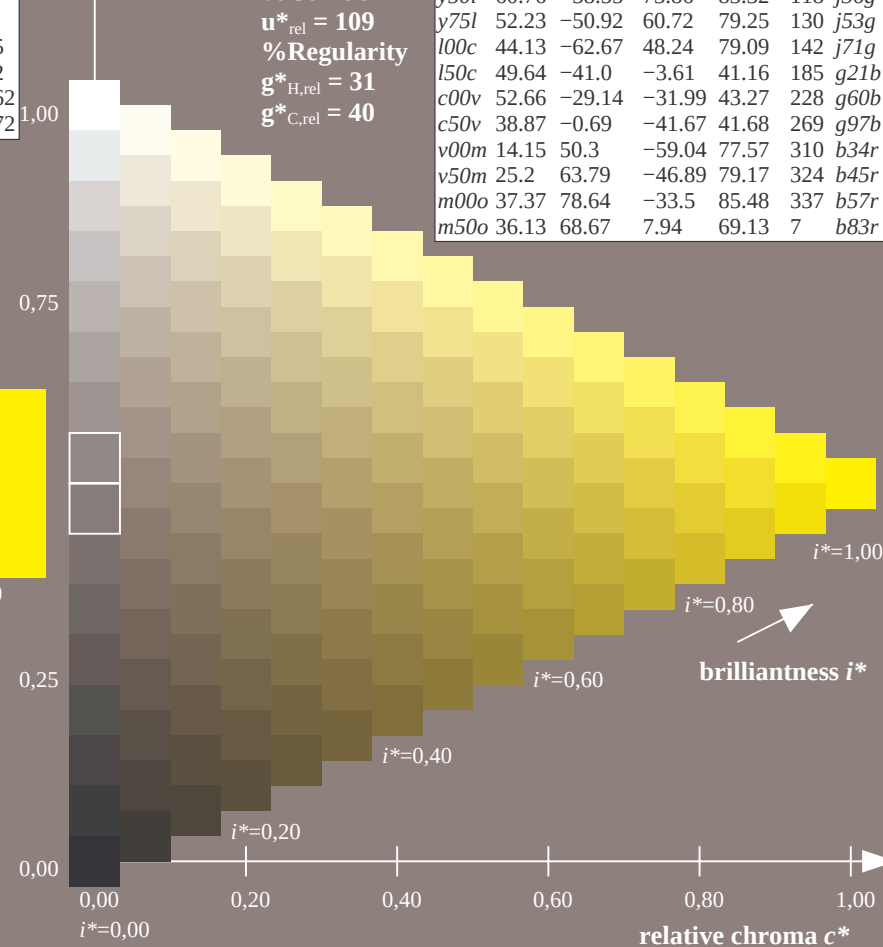
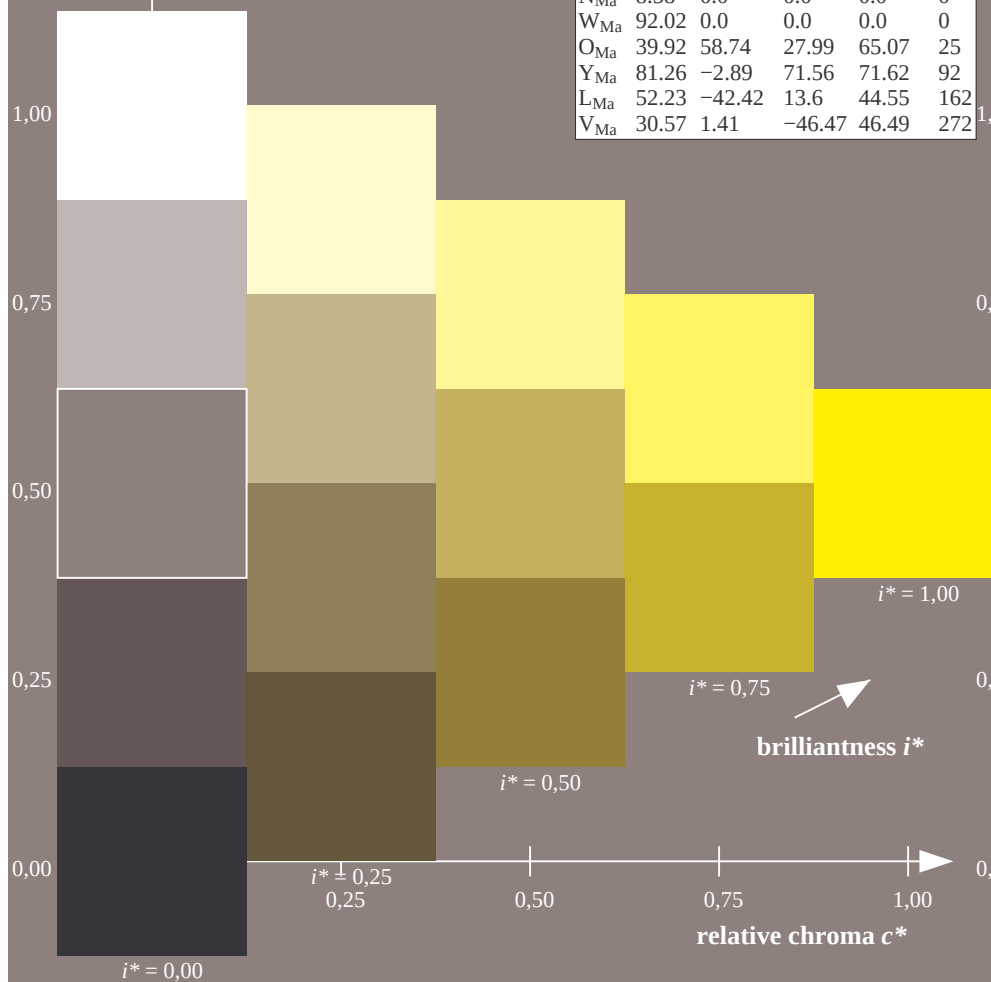
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

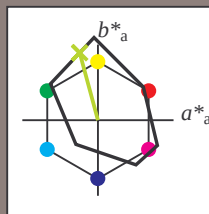
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 71 -24 89

$LAB^*LCH^*_{Ma}$: 71 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

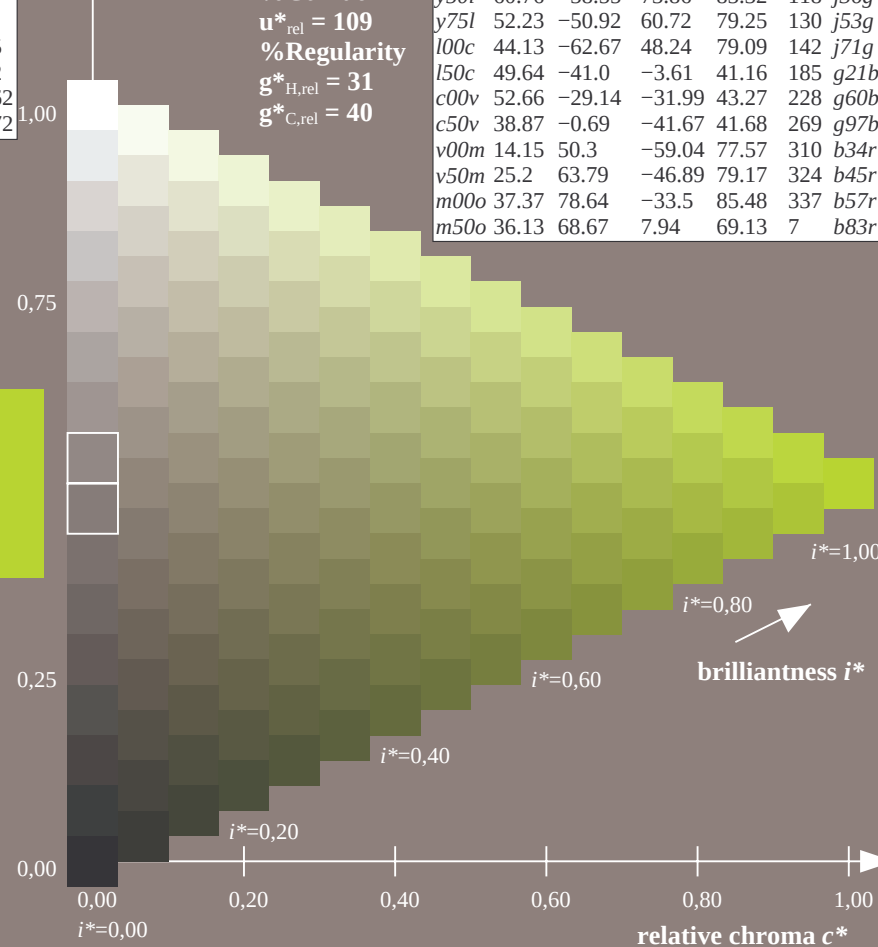
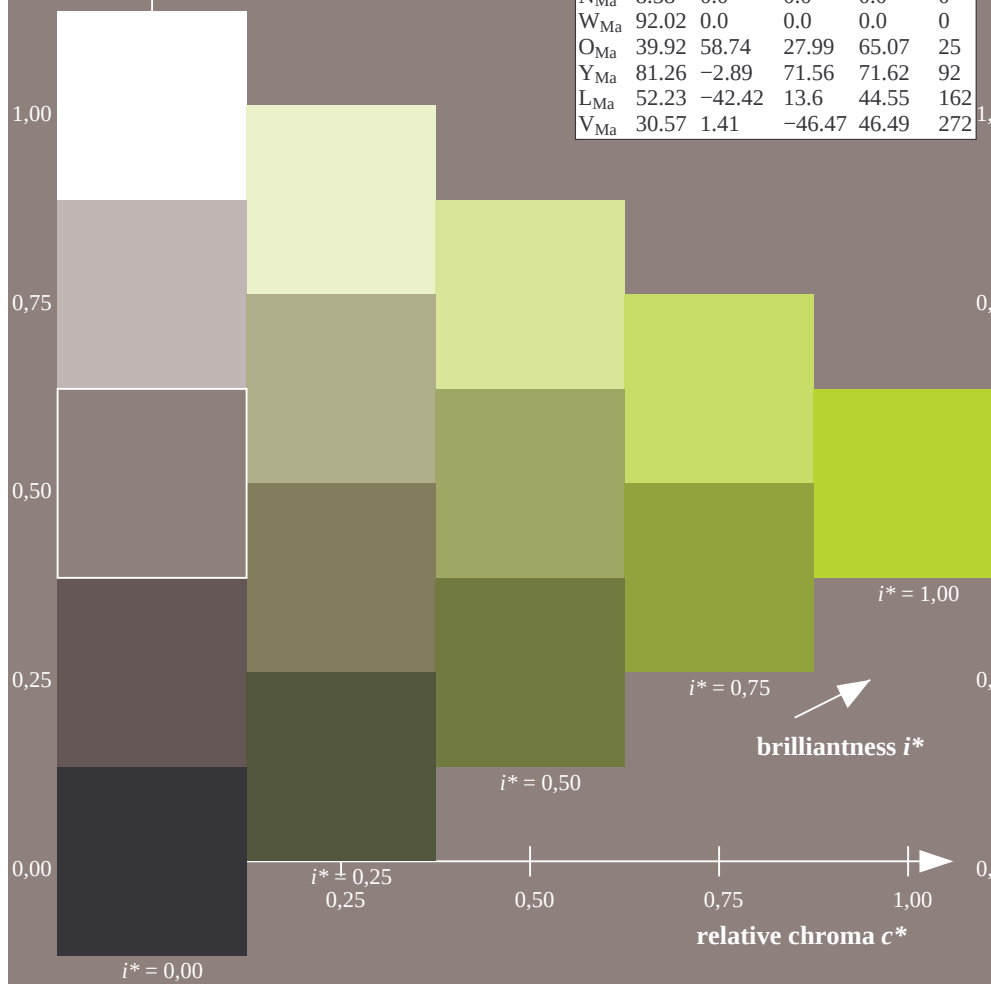
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

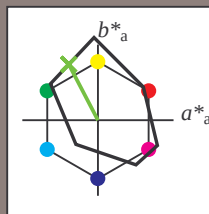
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 61 -39 74

$LAB^*LCH^*_{Ma}$: 61 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

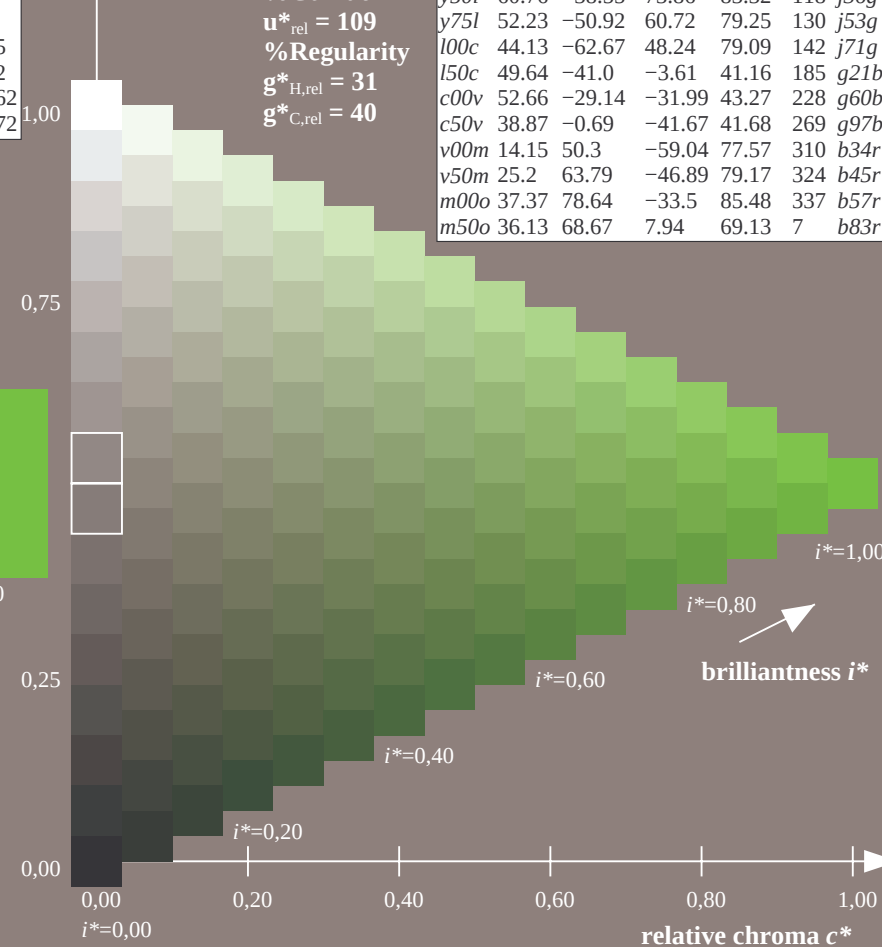
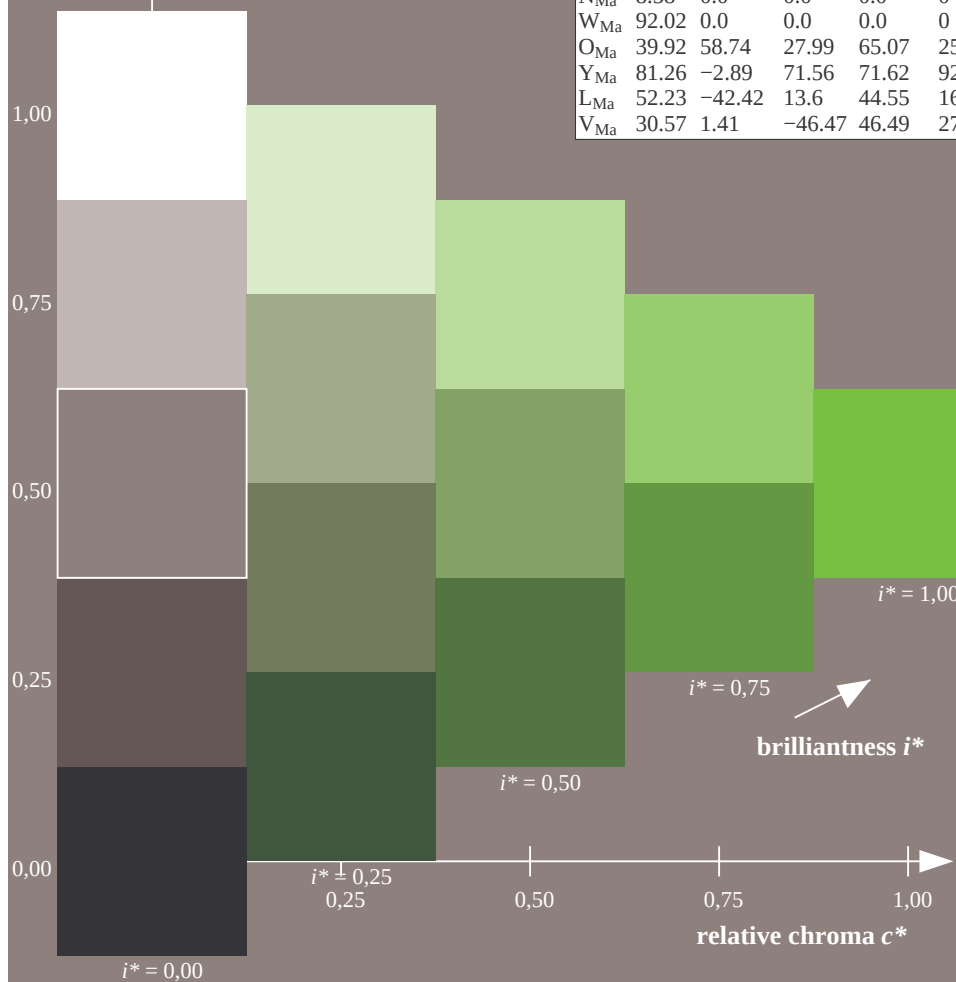
%Regularity

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

$g^*_{C,rel} = 40$

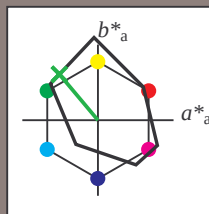
FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y75l$ $u^*_e = j53g$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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 -51 61

$LAB^*LCH^*_{Ma}$: 52 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

%Gamut

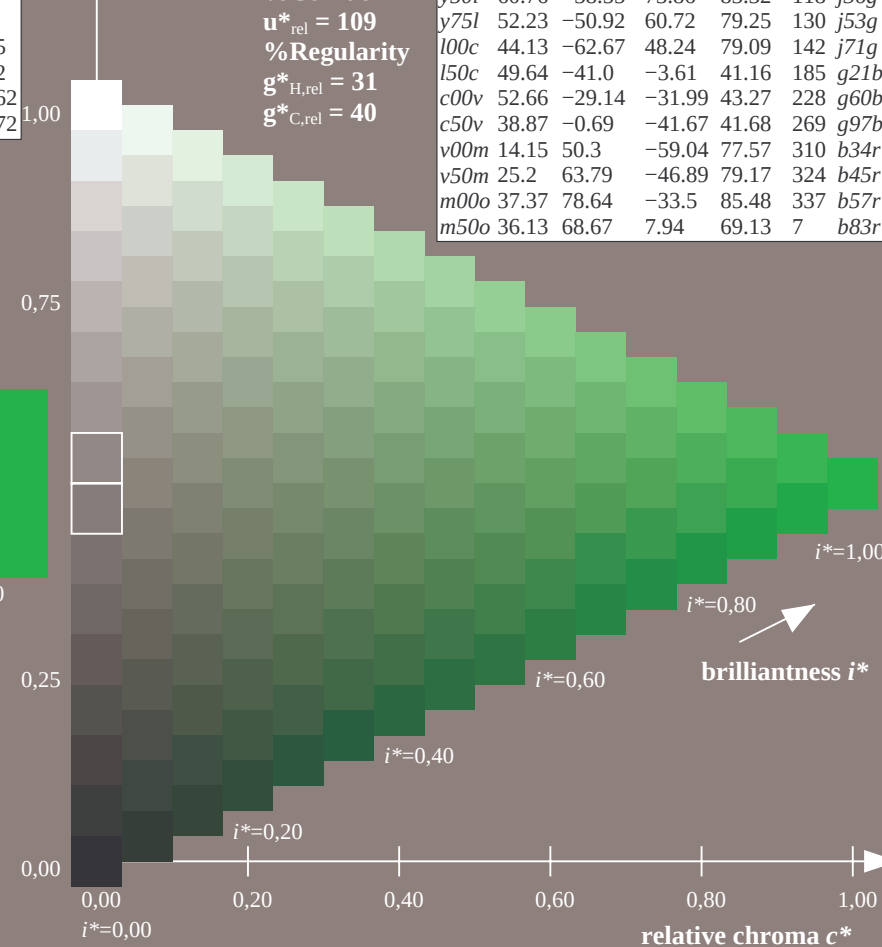
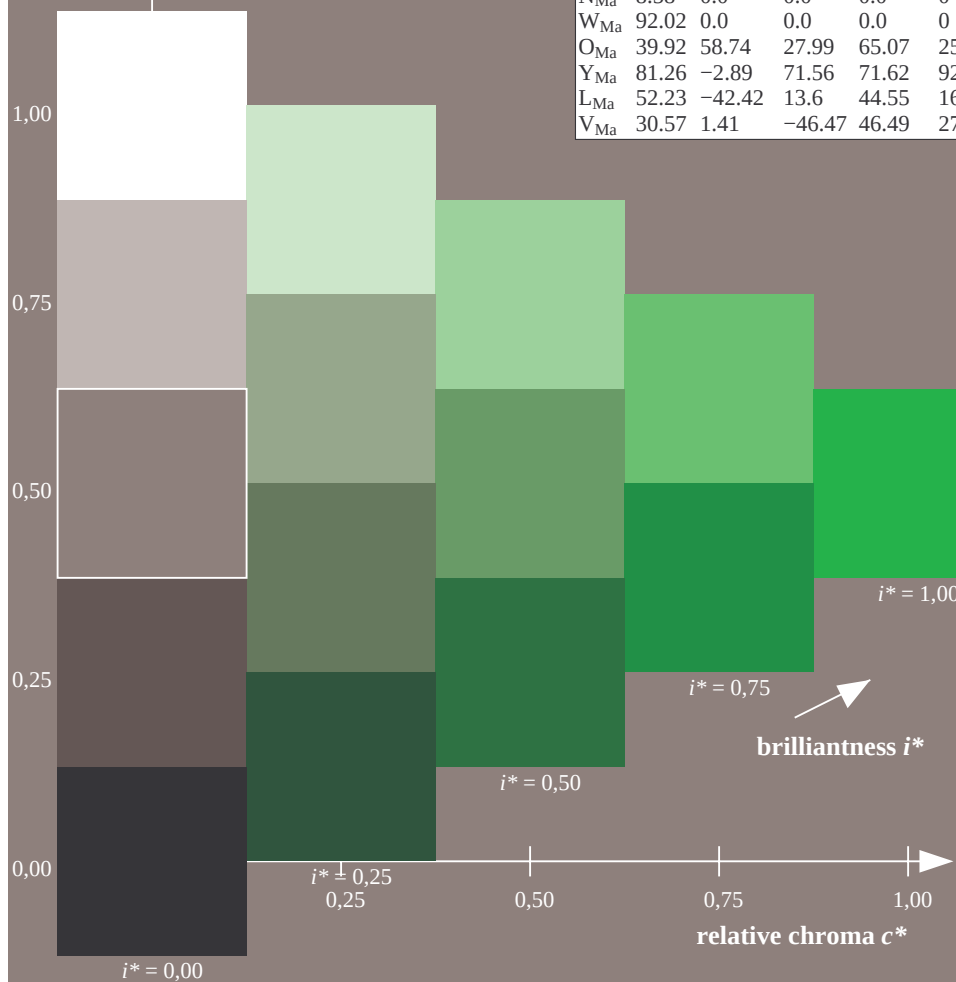
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	35.06	60.0	44.0	74.4	36	r16j	
o25y	44.68	47.13	56.9	73.88	50	r37j	
o50y	54.77	33.62	70.44	78.05	64	r58j	
o75y	66.84	17.48	86.62	88.37	79	r79j	
y00l	83.77	-5.17	109.32	109.44	93	j01g	
y25l	70.71	-24.12	89.19	92.39	105	j18g	
y50l	60.76	-38.55	73.86	83.32	118	j36g	
y75l	52.23	-50.92	60.72	79.25	130	j53g	
l00c	44.13	-62.67	48.24	79.09	142	j71g	
l50c	49.64	-41.0	-3.61	41.16	185	g21b	
c00v	52.66	-29.14	-31.99	43.27	228	g60b	
c50v	38.87	-0.69	-41.67	41.68	269	g97b	
v00m	14.15	50.3	-59.04	77.57	310	b34r	
v50m	25.2	63.79	-46.89	79.17	324	b45r	
m00o	37.37	78.64	-33.5	85.48	337	b57r	
m50o	36.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

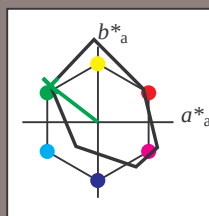
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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 -63 48

$LAB^*LCH^*_{Ma}$: 44 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

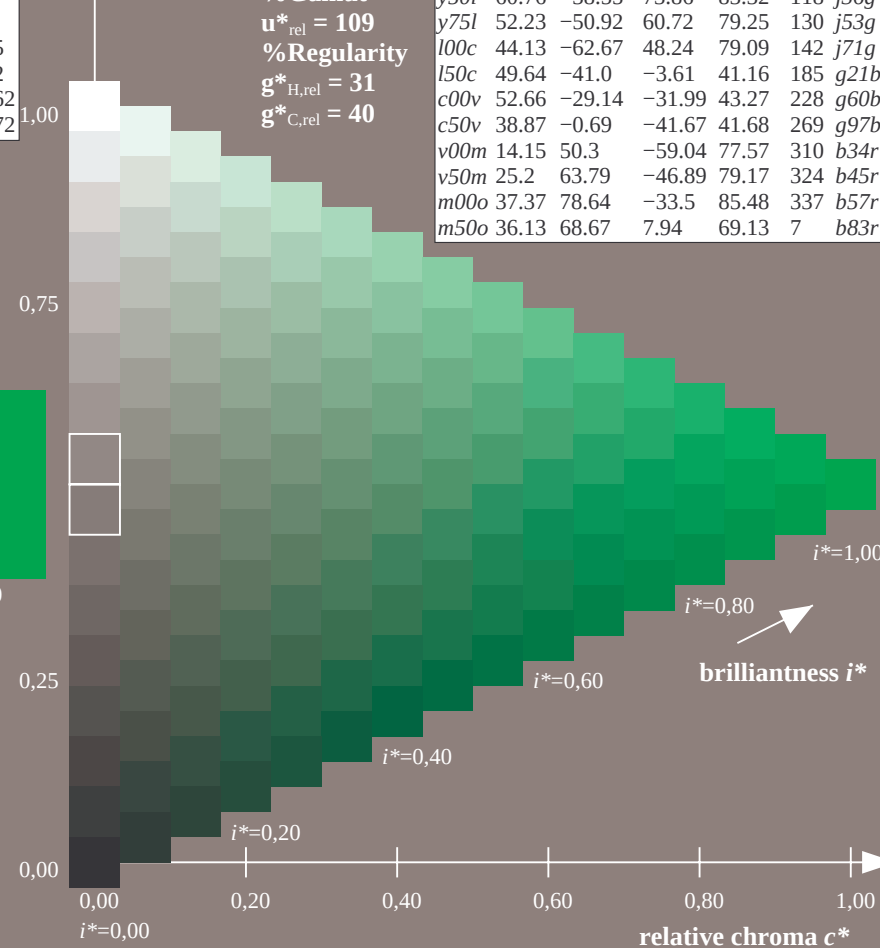
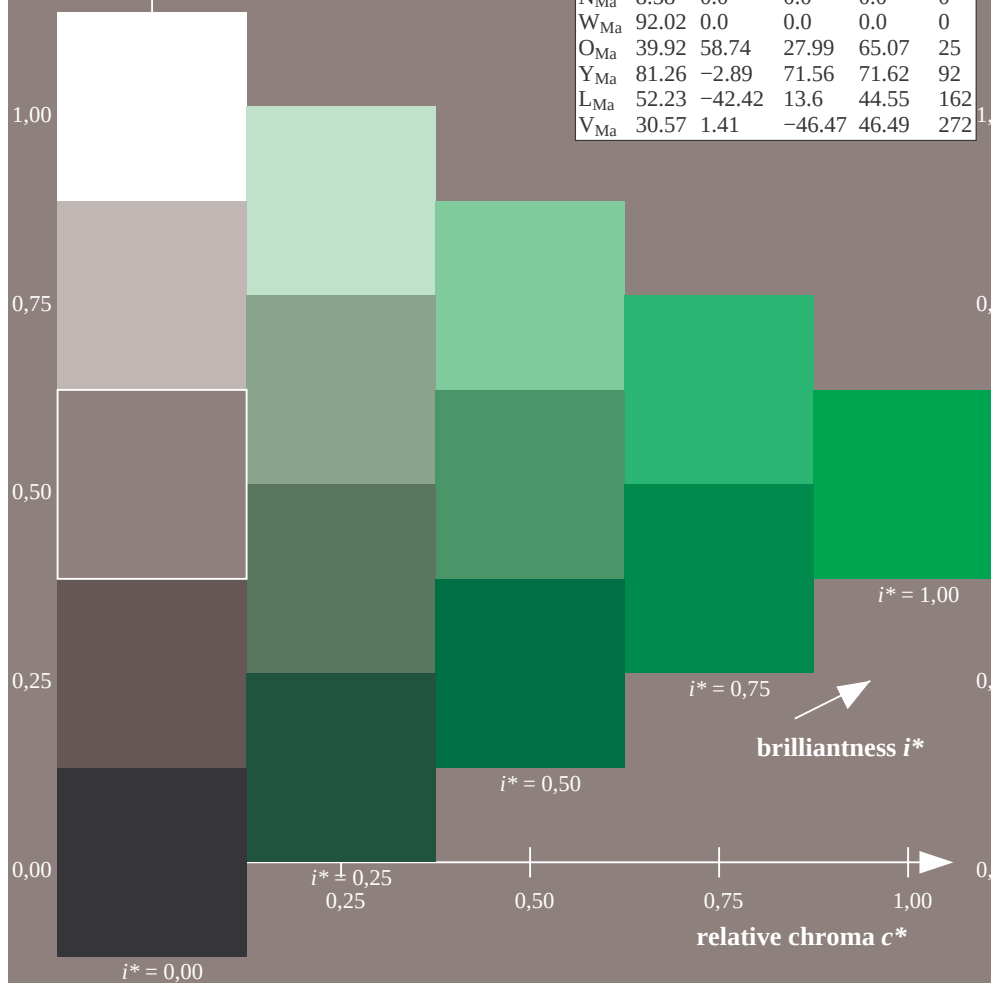
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

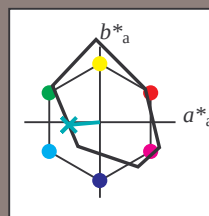
Hue texts:

$u^*_d = l50c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 50 -41 -4

$LAB^*LCH^*_{Ma}$: 50 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

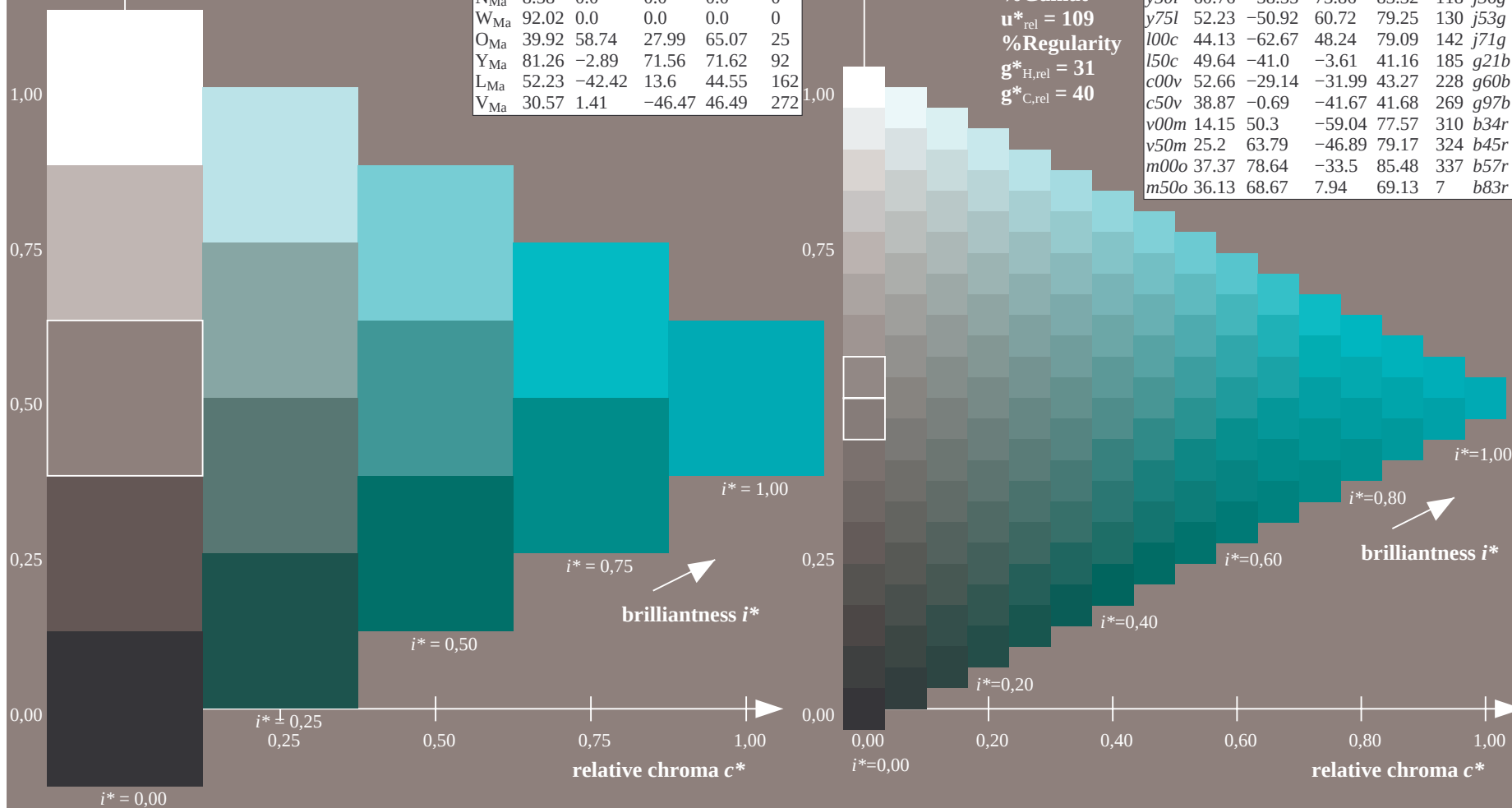
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

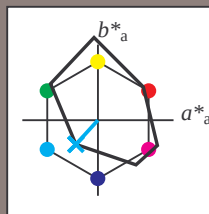
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 53 -29 -32

$LAB^*LCH^*_{Ma}$: 53 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

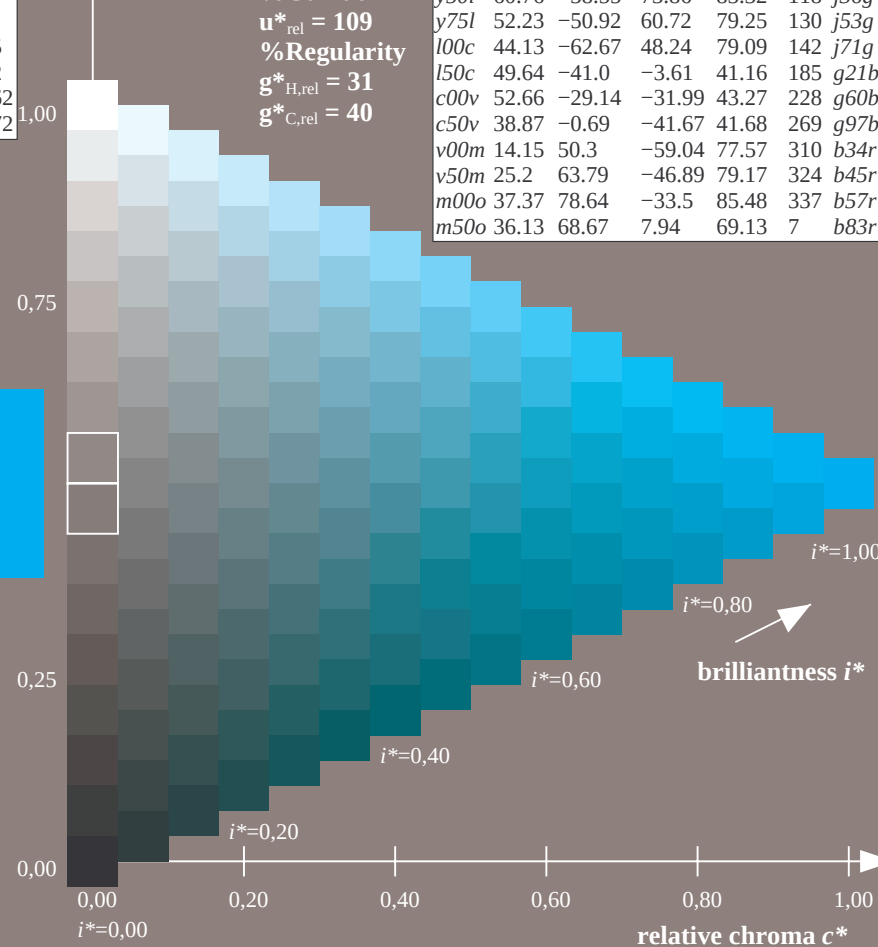
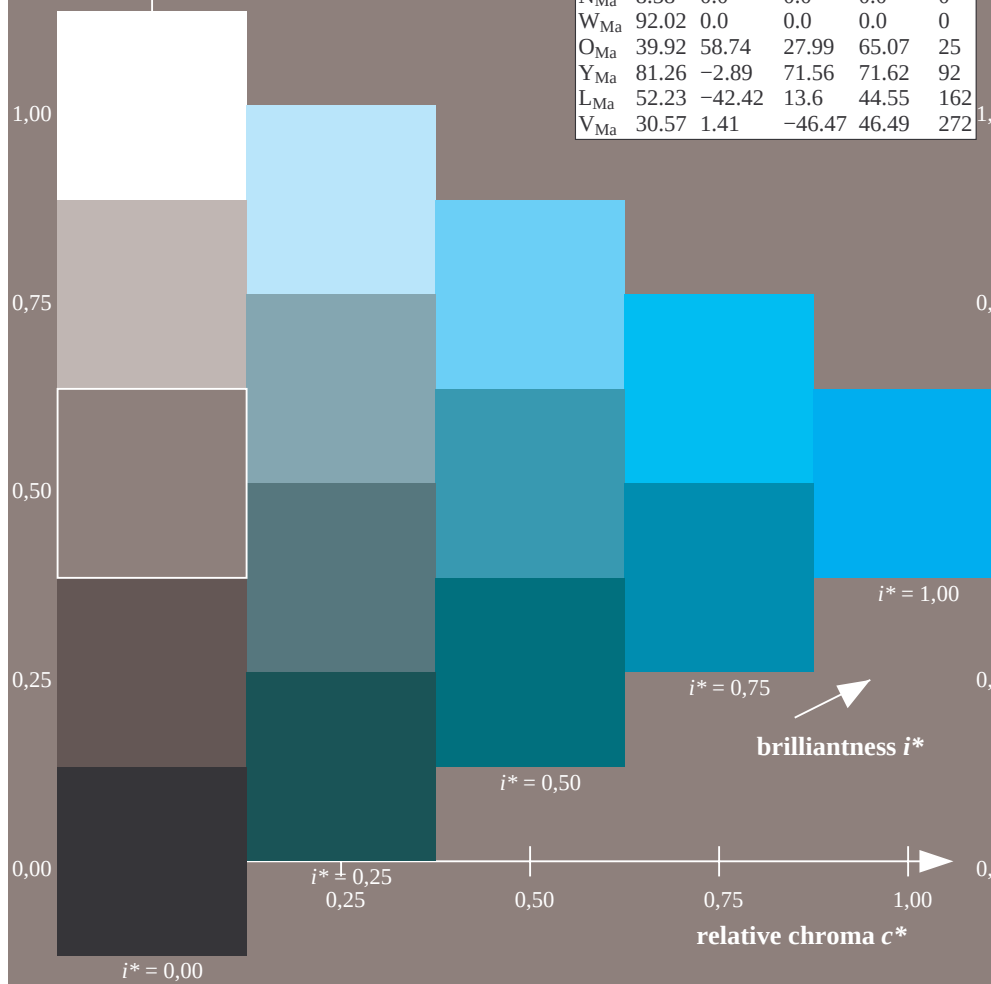
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$
data for any colour:

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

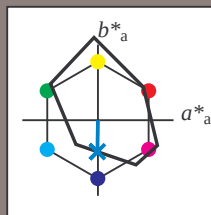
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 39 -1 -42

$LAB^*LCH^*_{Ma}$: 39 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

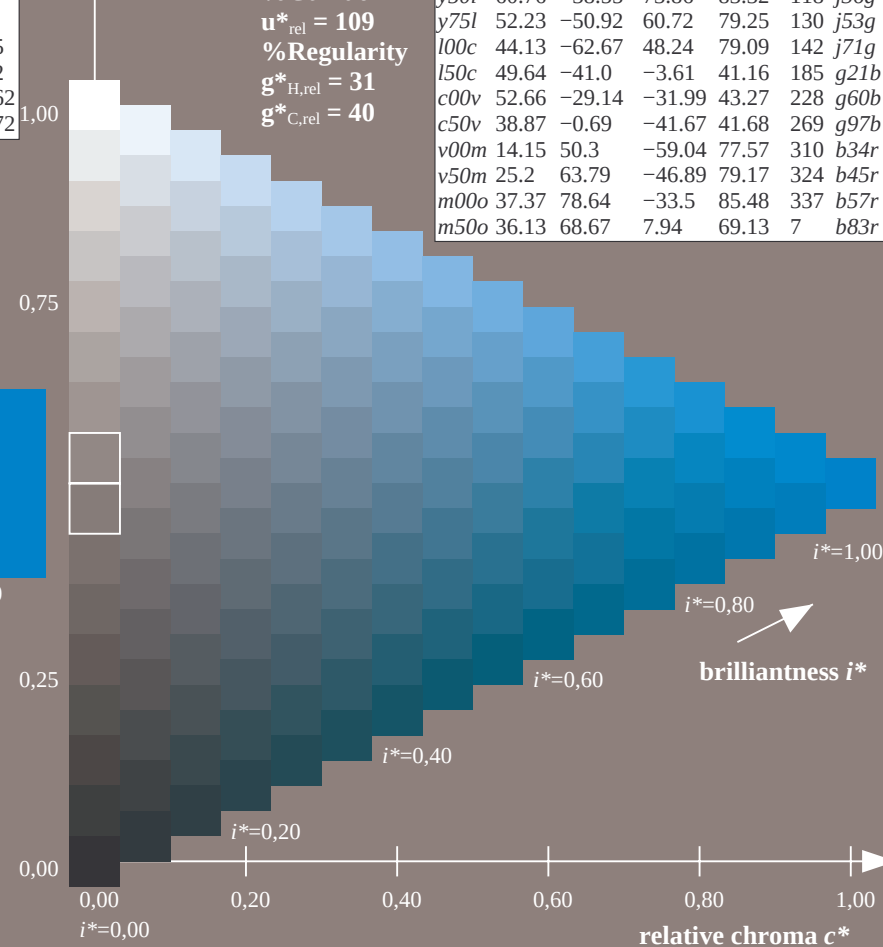
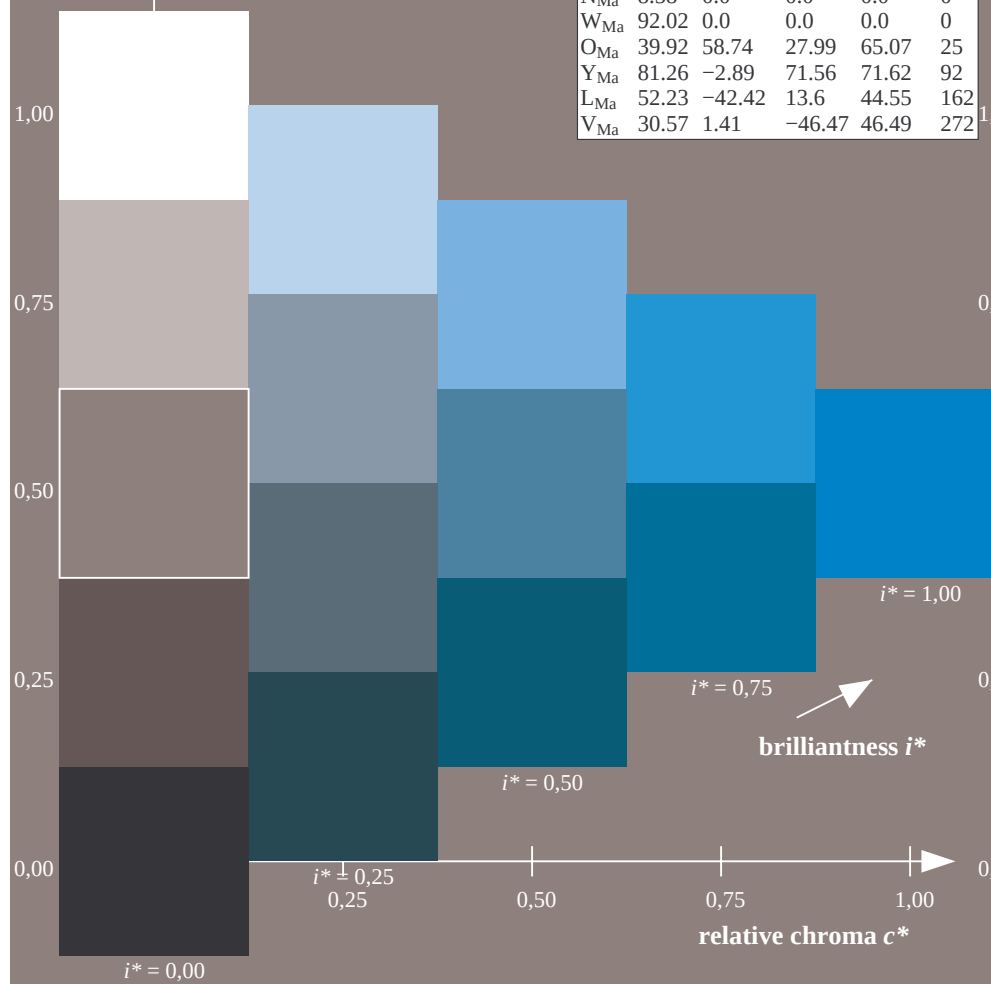
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$ u^*_e

o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

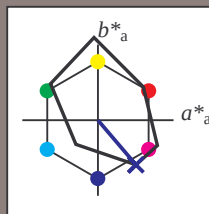
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	35.06	60.0	44.0	74.4	36
YMa	83.77	-5.17	109.32	109.44	93
LMa	44.13	-62.67	48.24	79.09	142
CMa	52.66	-29.14	-31.99	43.27	228
VMa	14.15	50.3	-59.04	77.57	310
MMa	37.37	78.64	-33.5	85.48	337
NMa	8.58	0.0	0.0	0.0	0
WMa	92.02	0.0	0.0	0.0	0
OMa	39.92	58.74	27.99	65.07	25
YMa	81.26	-2.89	71.56	71.62	92
LMa	52.23	-42.42	13.6	44.55	162
VMa	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 14 50 -59

$LAB^*LCH^*_{Ma}$: 14 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

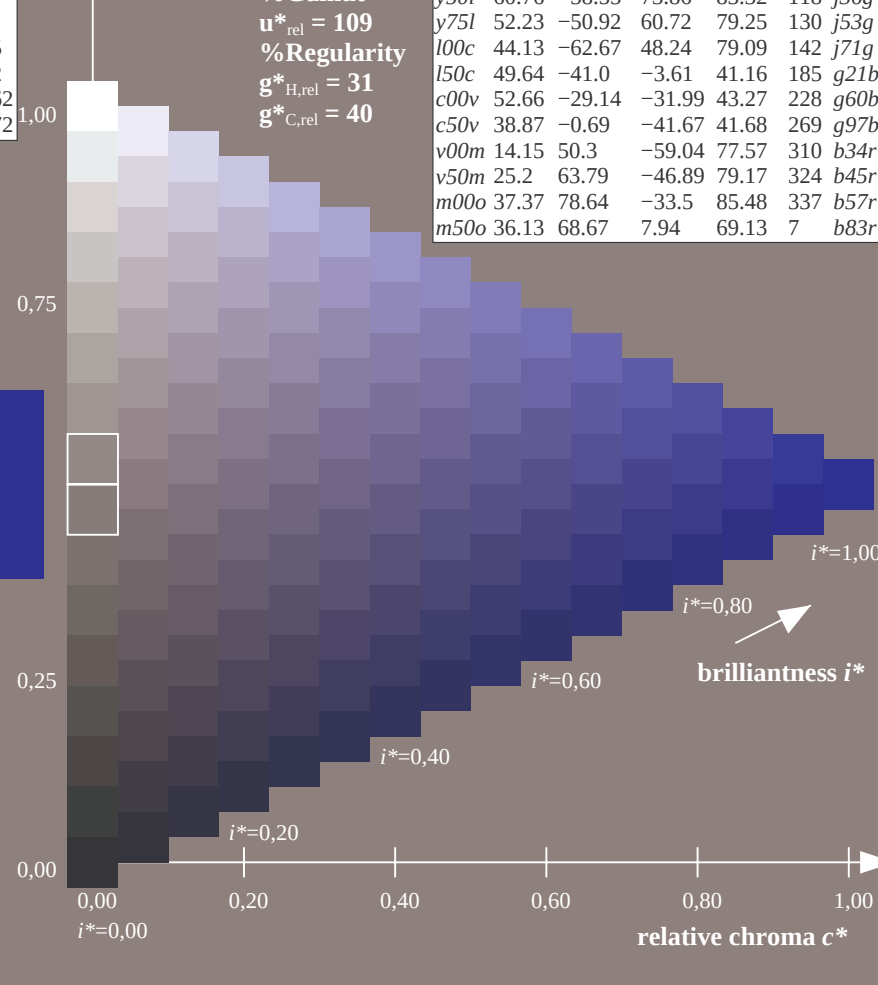
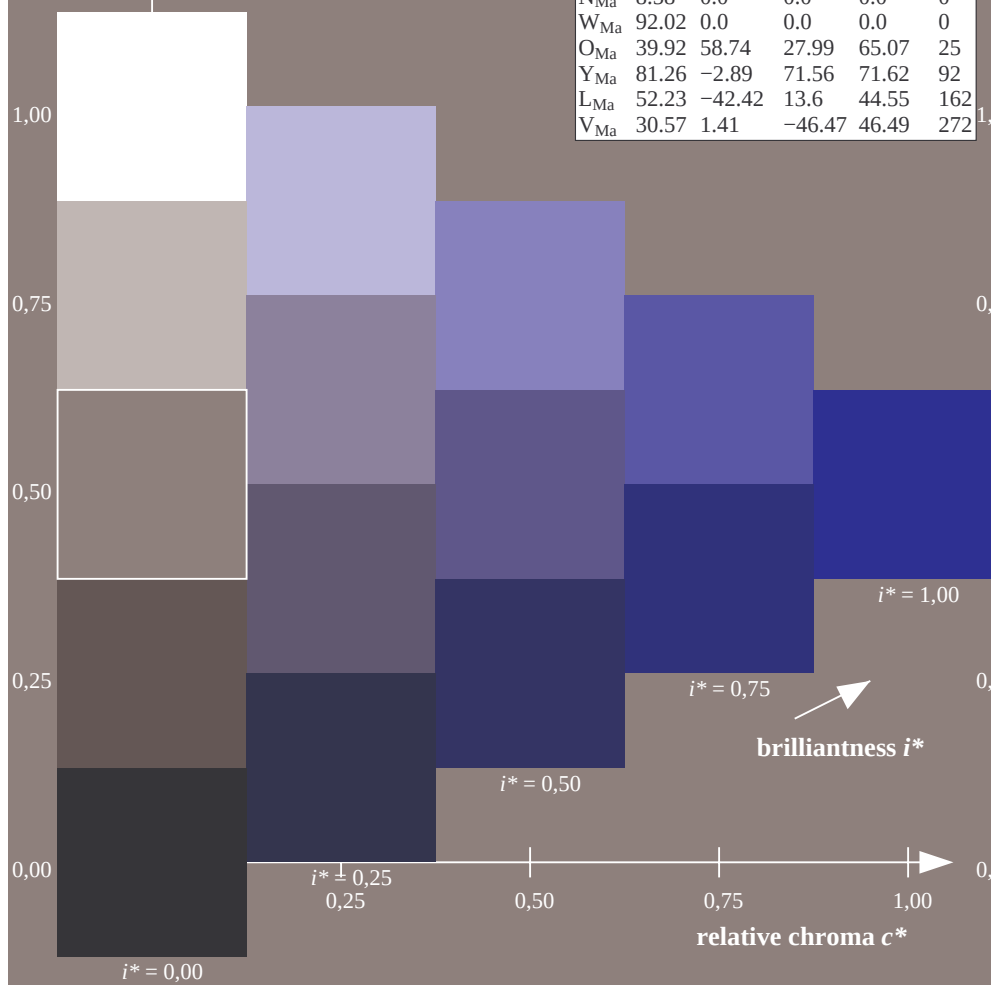
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

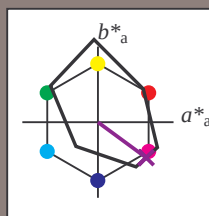
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	35.06	60.0	44.0	74.4	36
YMa	83.77	-5.17	109.32	109.44	93
LMa	44.13	-62.67	48.24	79.09	142
CMa	52.66	-29.14	-31.99	43.27	228
VMa	14.15	50.3	-59.04	77.57	310
MMa	37.37	78.64	-33.5	85.48	337
NMa	8.58	0.0	0.0	0.0	0
WMa	92.02	0.0	0.0	0.0	0
OMa	39.92	58.74	27.99	65.07	25
YMa	81.26	-2.89	71.56	71.62	92
LMa	52.23	-42.42	13.6	44.55	162
VMa	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 25 64 -47

$LAB^*LCH^*_{Ma}$: 25 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

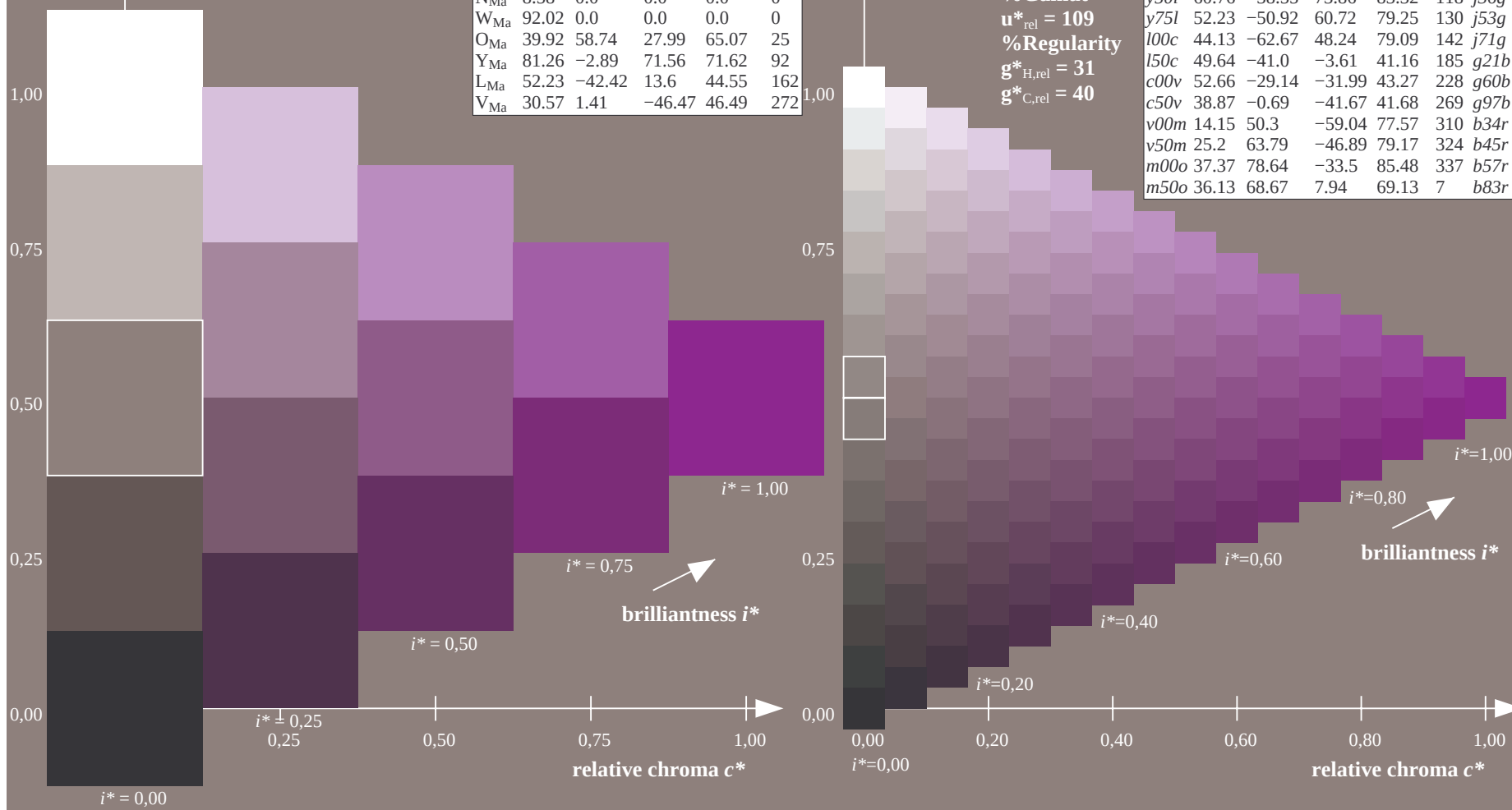
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

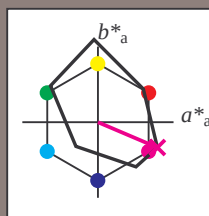
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 37 79 -34

$LAB^*LCH^*_{Ma}$: 37 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

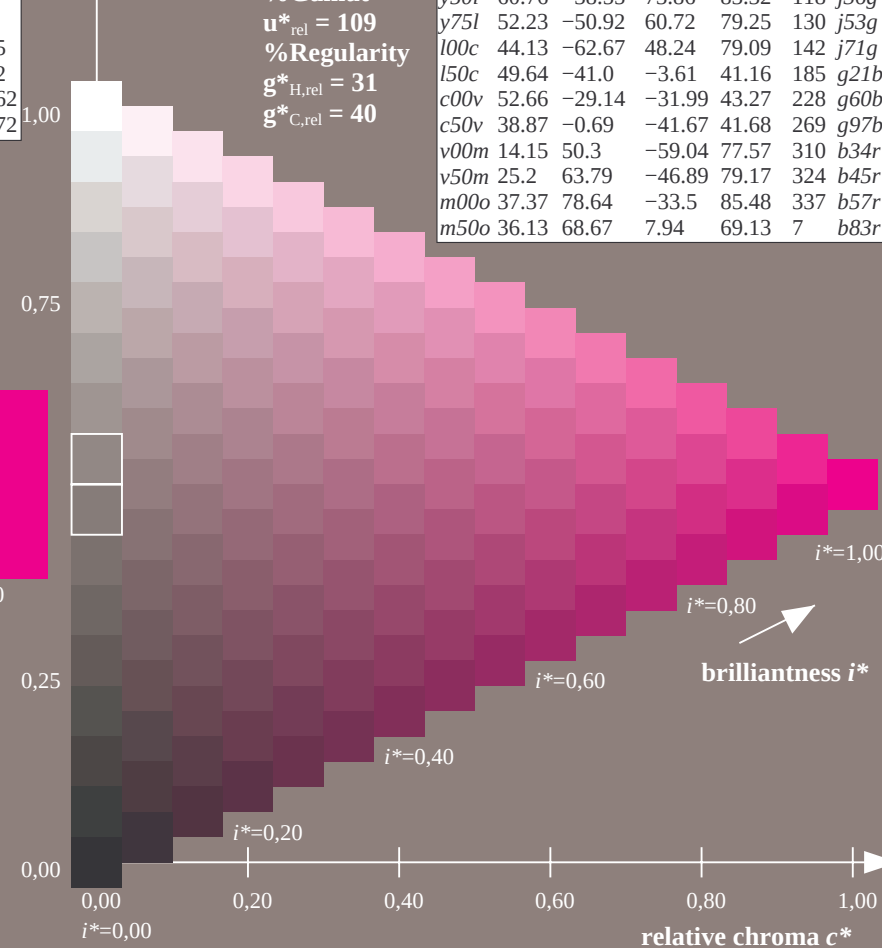
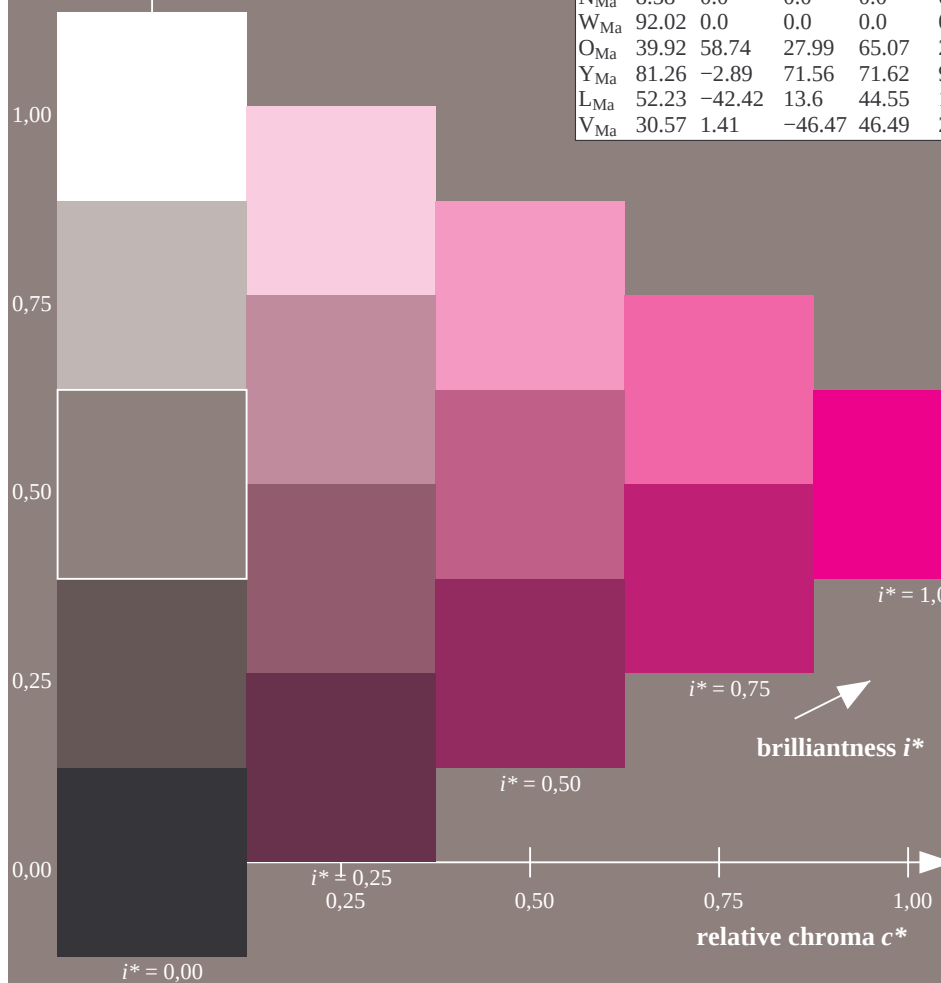
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

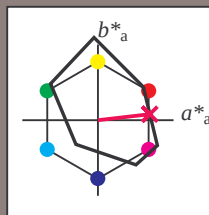
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 36 69 8

$LAB^*LCH^*_{Ma}$: 36 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

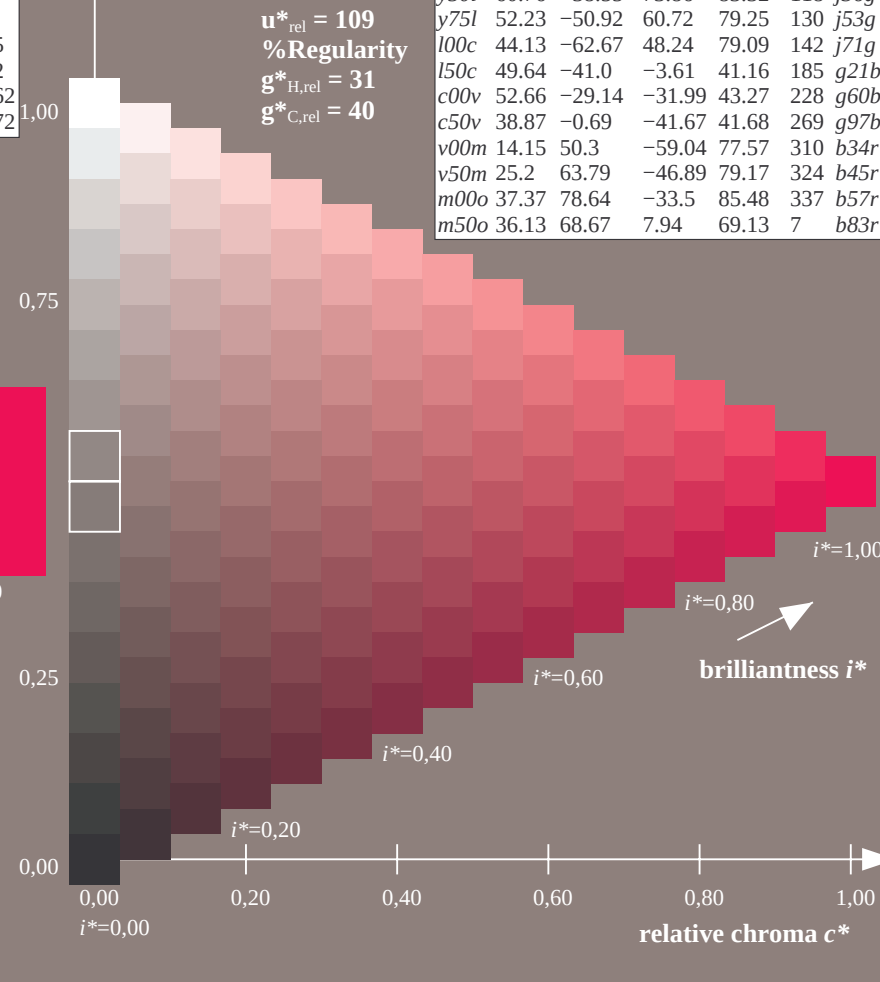
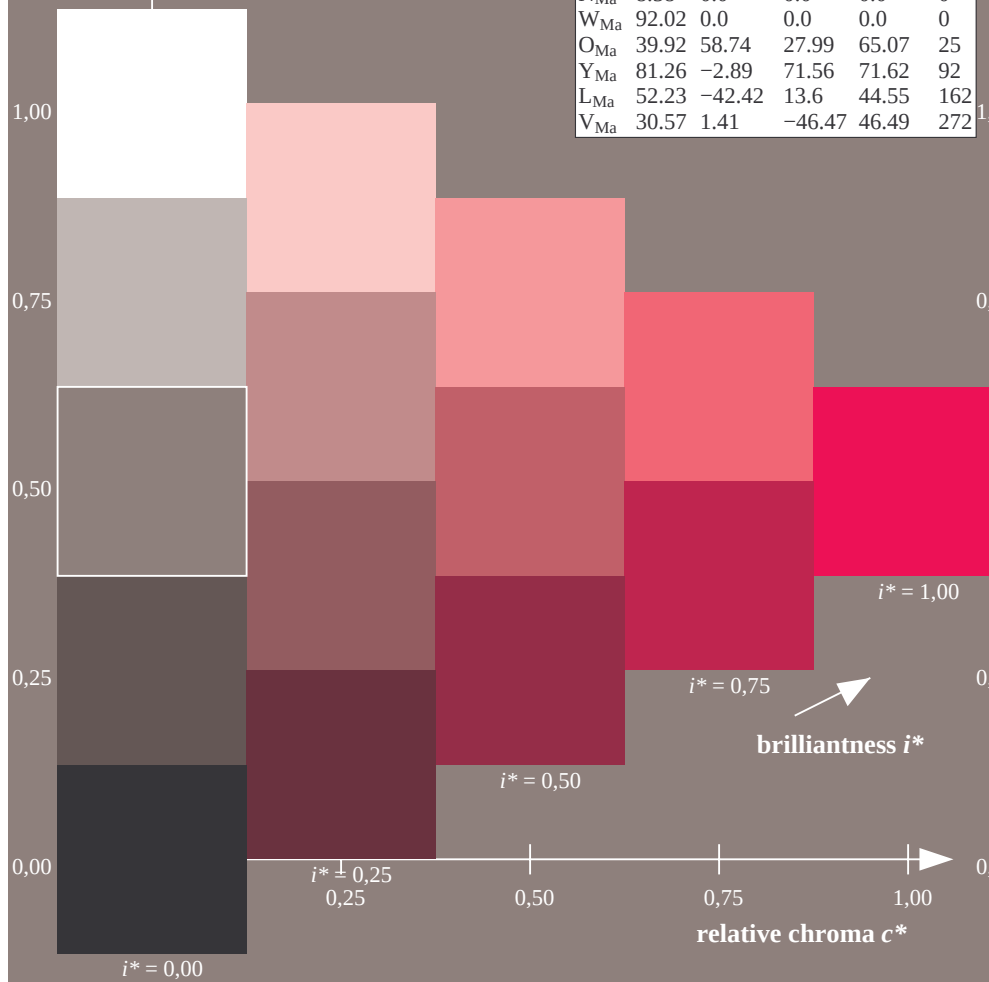
%Regularity

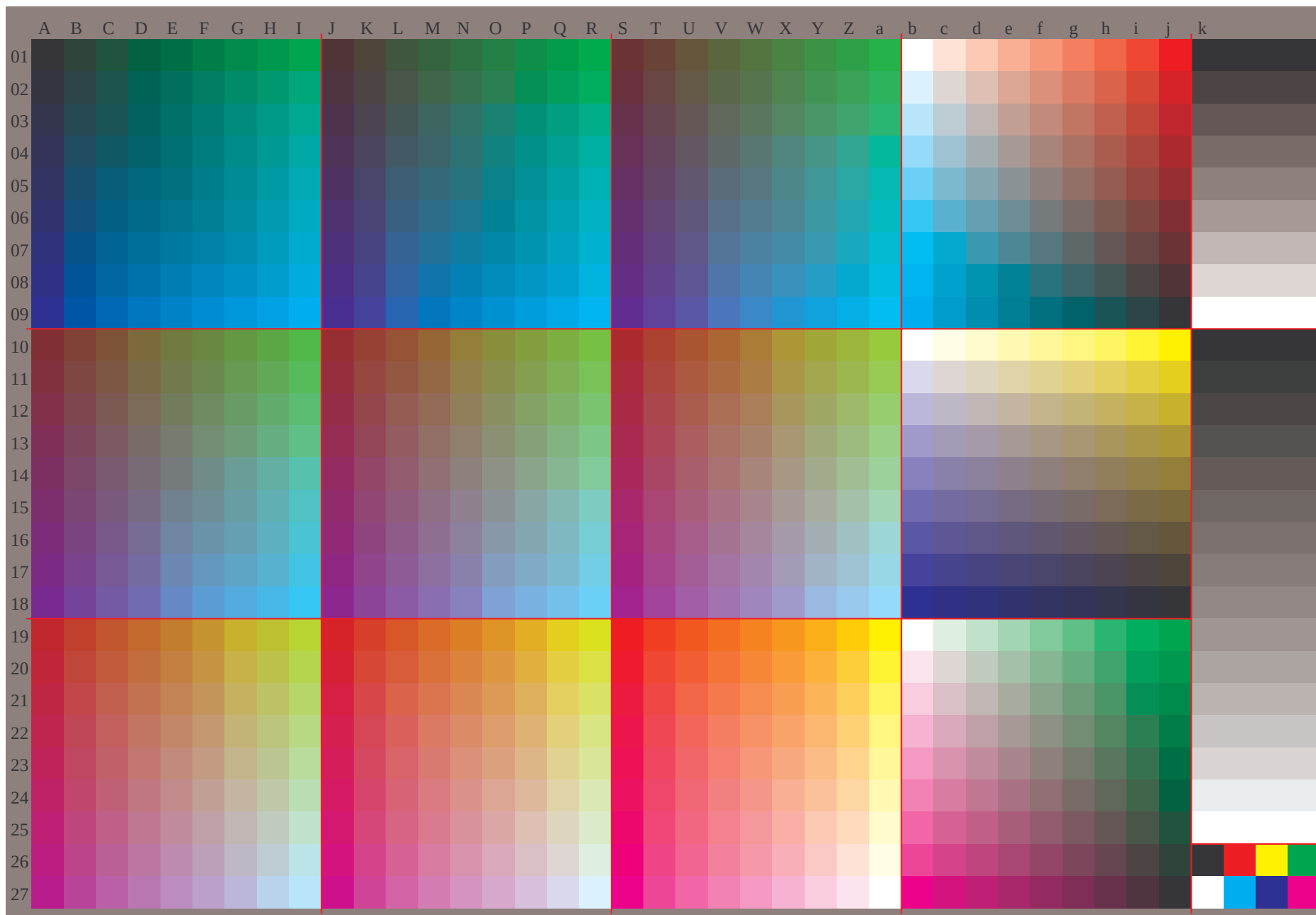
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r





Input and output:

Colorimetric Printer Reflective System FRS09_92aM
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

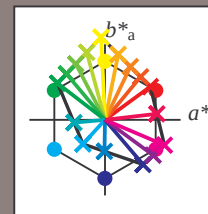
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 1.0$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



%Gamut

$u^*_{rel} = 109$

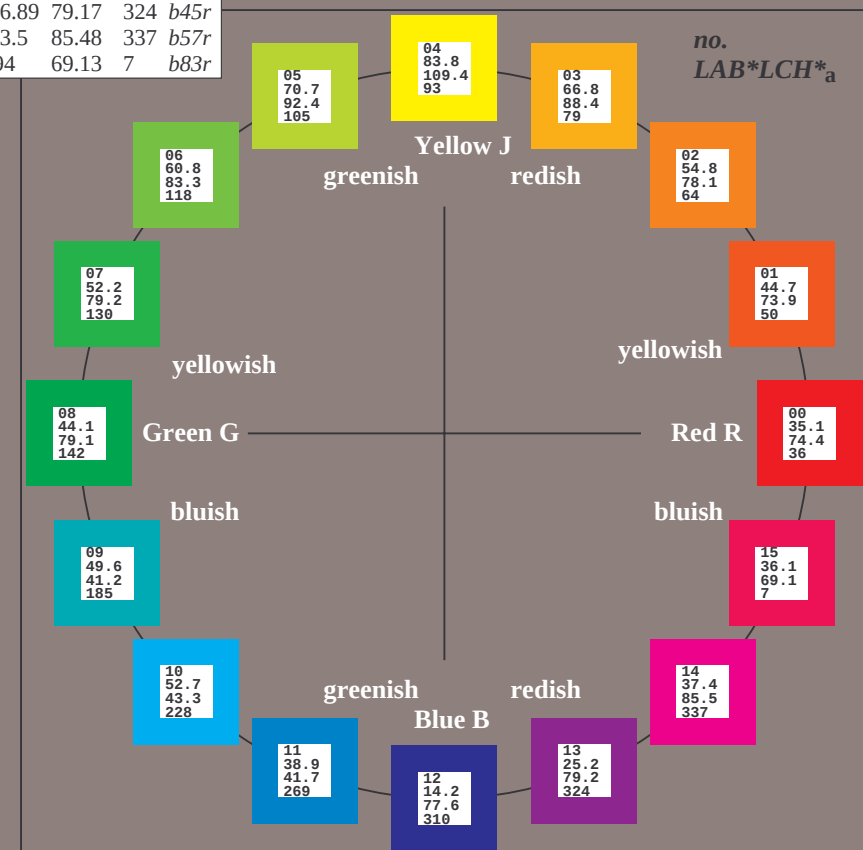
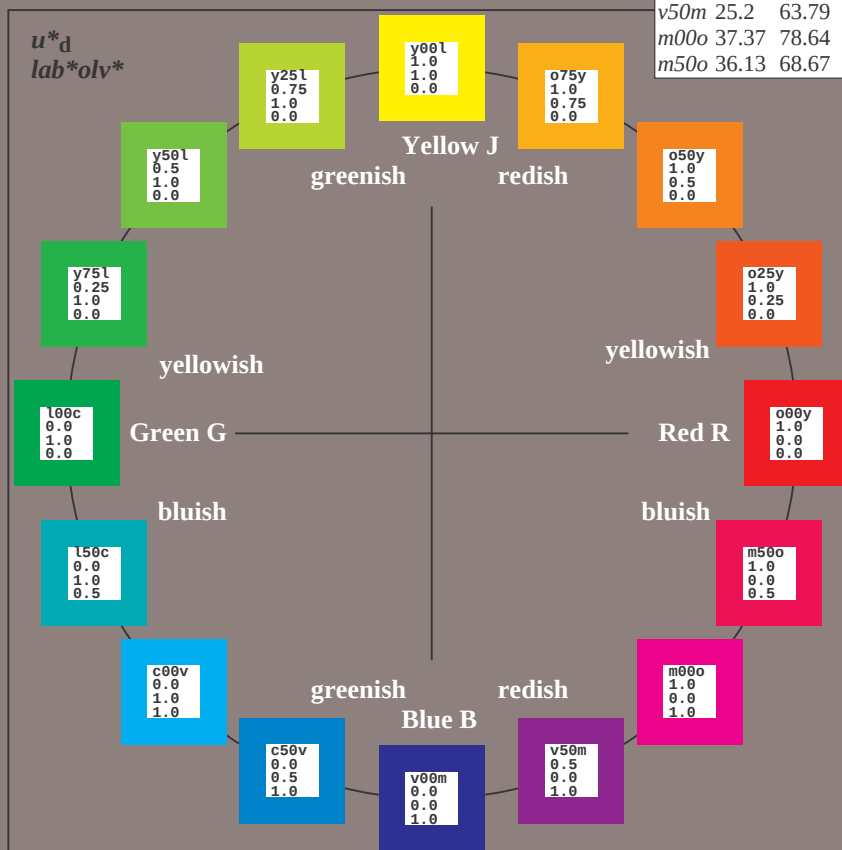
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	-5.17	109.32	109.44	93
L_{Ma}	44.13	-62.67	48.24	79.09	142
C_{Ma}	52.66	-29.14	-31.99	43.27	228
V_{Ma}	14.15	50.3	-59.04	77.57	310
M_{Ma}	37.37	78.64	-33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

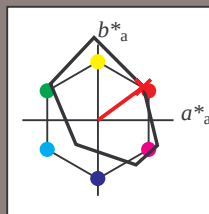
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 60 44

$LAB^*LCH^*_{Ma}$: 35 74 36

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

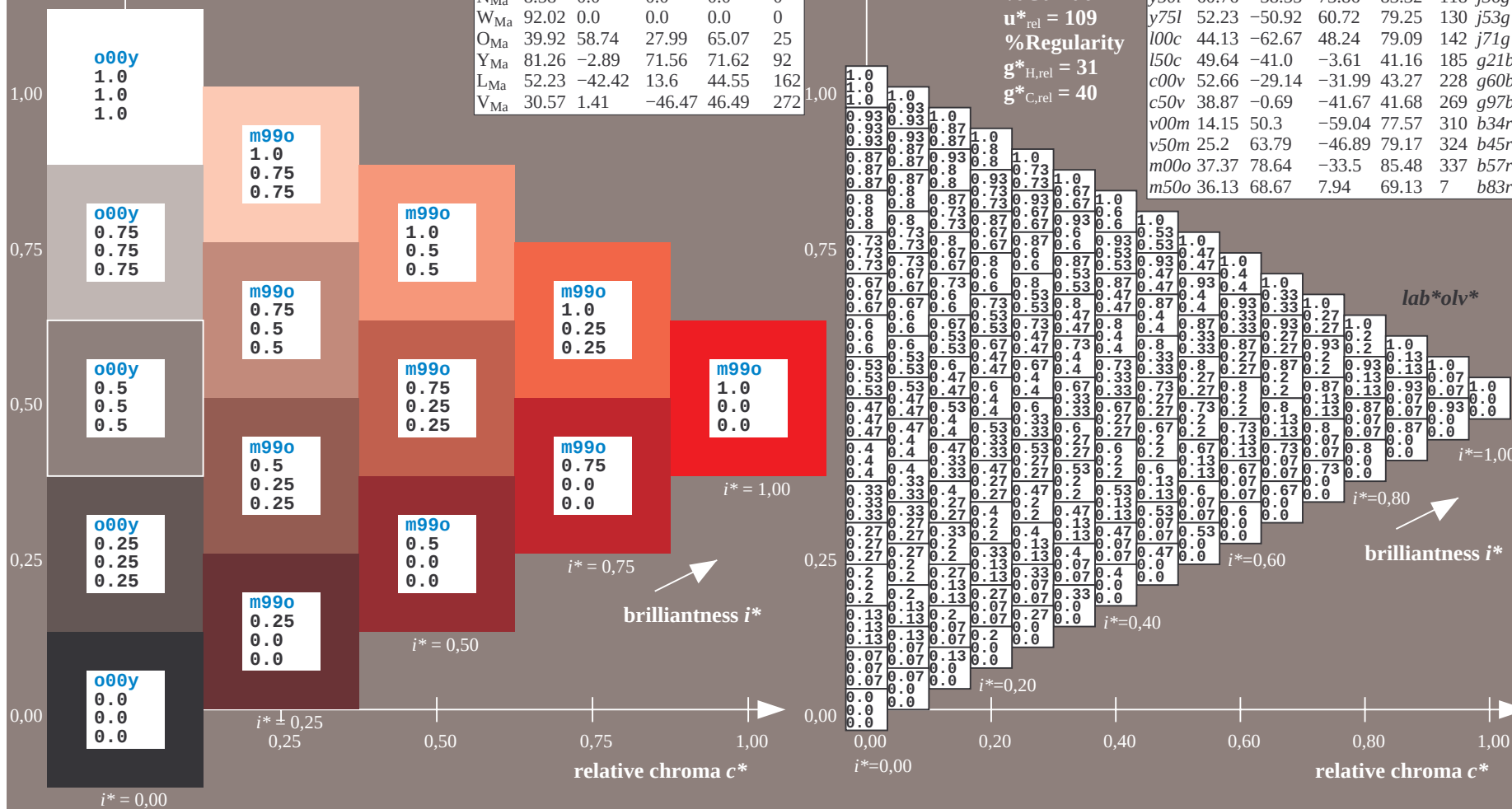
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

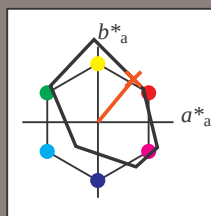
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	35.06	60.0	44.0	74.4	36	r16j
Y _{Ma}	83.77	-5.17	109.32	109.44	93	r37j
L _{Ma}	44.13	-62.67	48.24	79.09	142	r58j
C _{Ma}	52.66	-29.14	-31.99	43.27	228	r79j
V _{Ma}	14.15	50.3	-59.04	77.57	310	j01g
M _{Ma}	37.37	78.64	-33.5	85.48	337	j18g
N _{Ma}	8.58	0.0	0.0	0.0	0	j36g
W _{Ma}	92.02	0.0	0.0	0.0	0	j53g
O _{Ma}	39.92	58.74	27.99	65.07	25	j71g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g21b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g60b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g97b

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 47 57

$LAB^*LCH^*_{Ma}$: 45 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

%Gamut

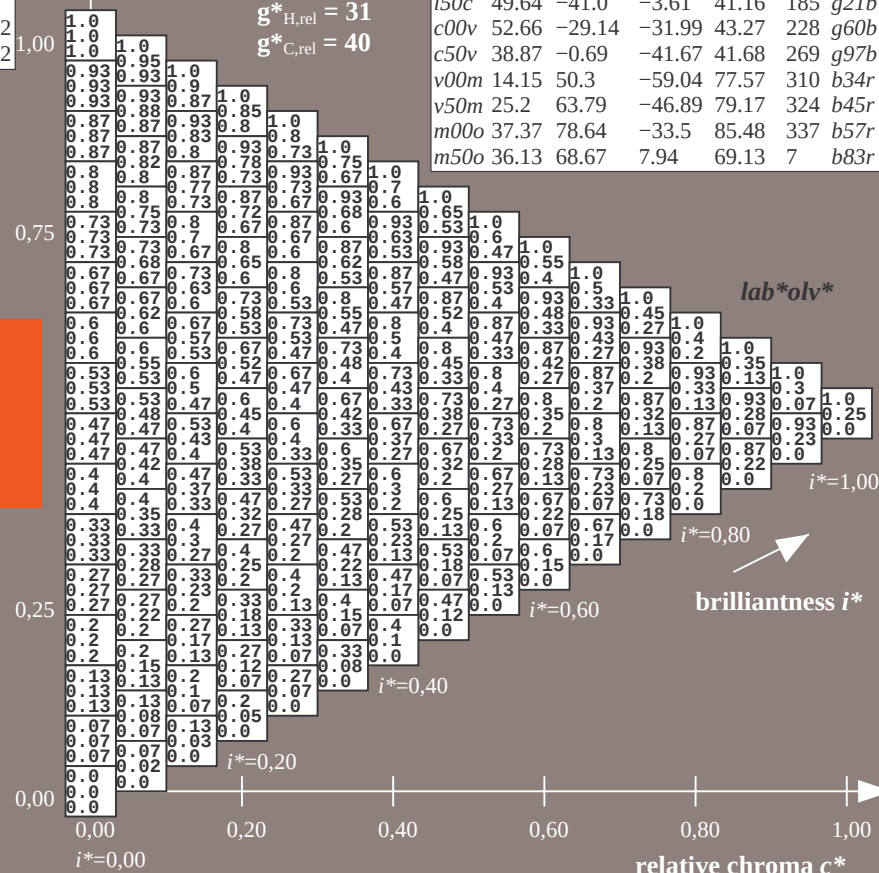
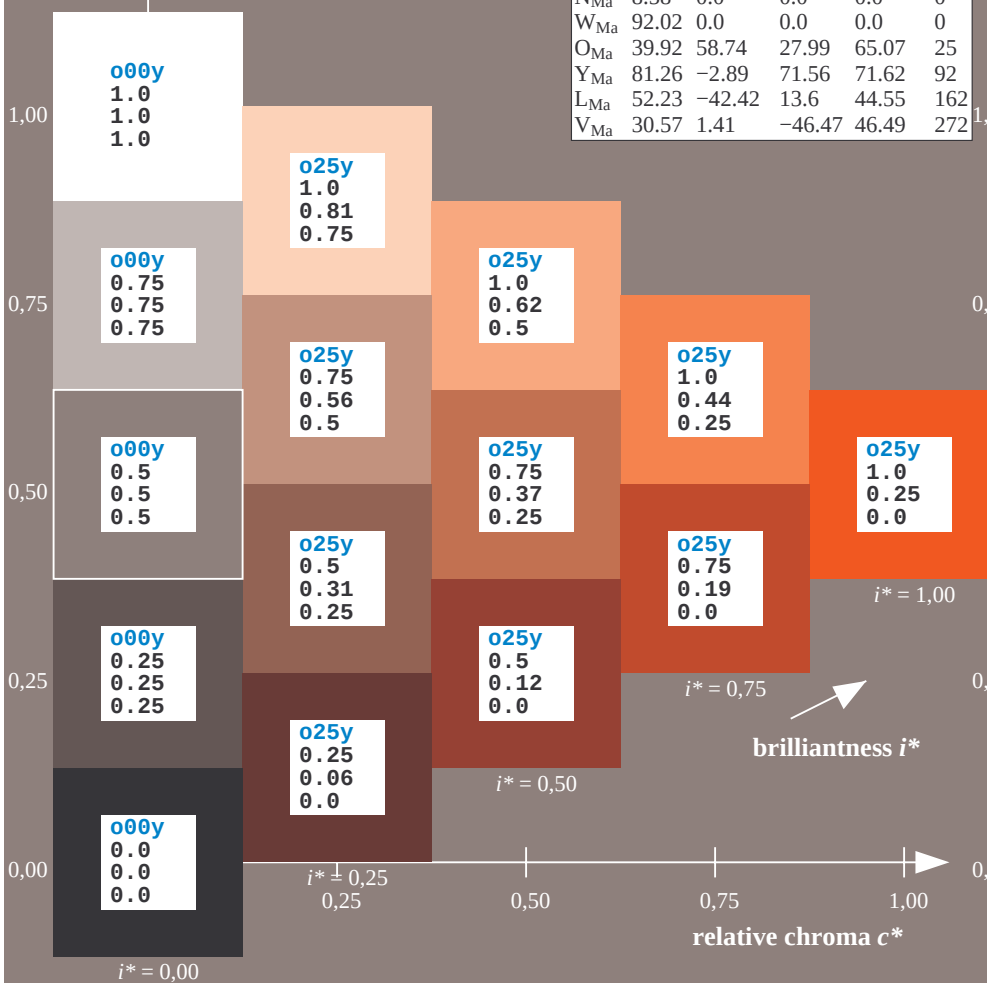
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

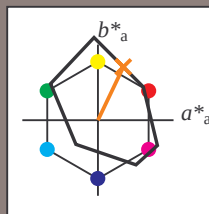
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 55 34 70

$LAB^*LCH^*_{Ma}$: 55 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

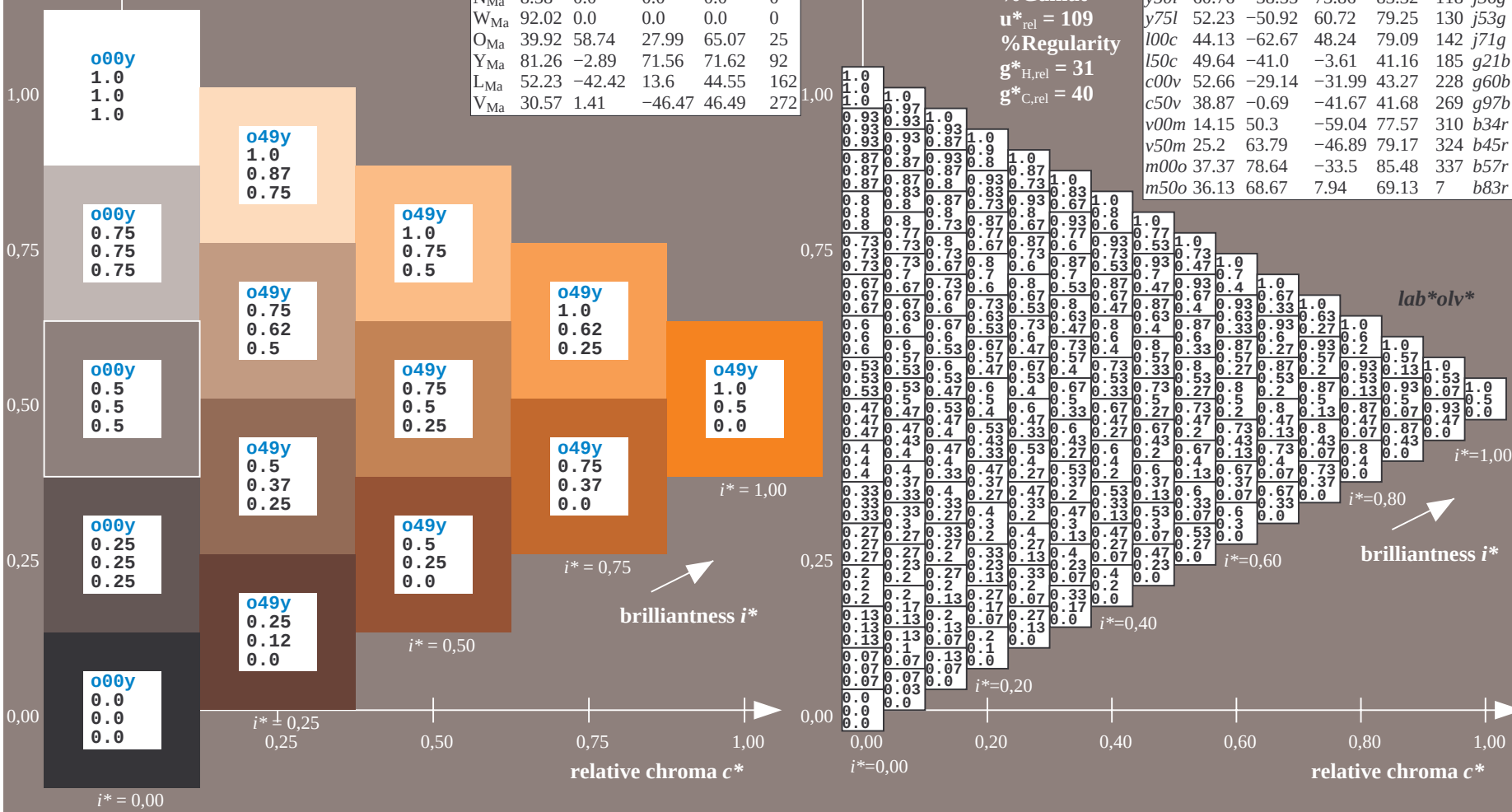
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

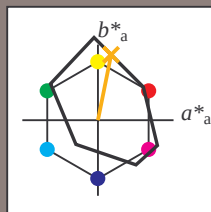
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 17 87

$LAB^*LCH^*_{Ma}$: 67 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

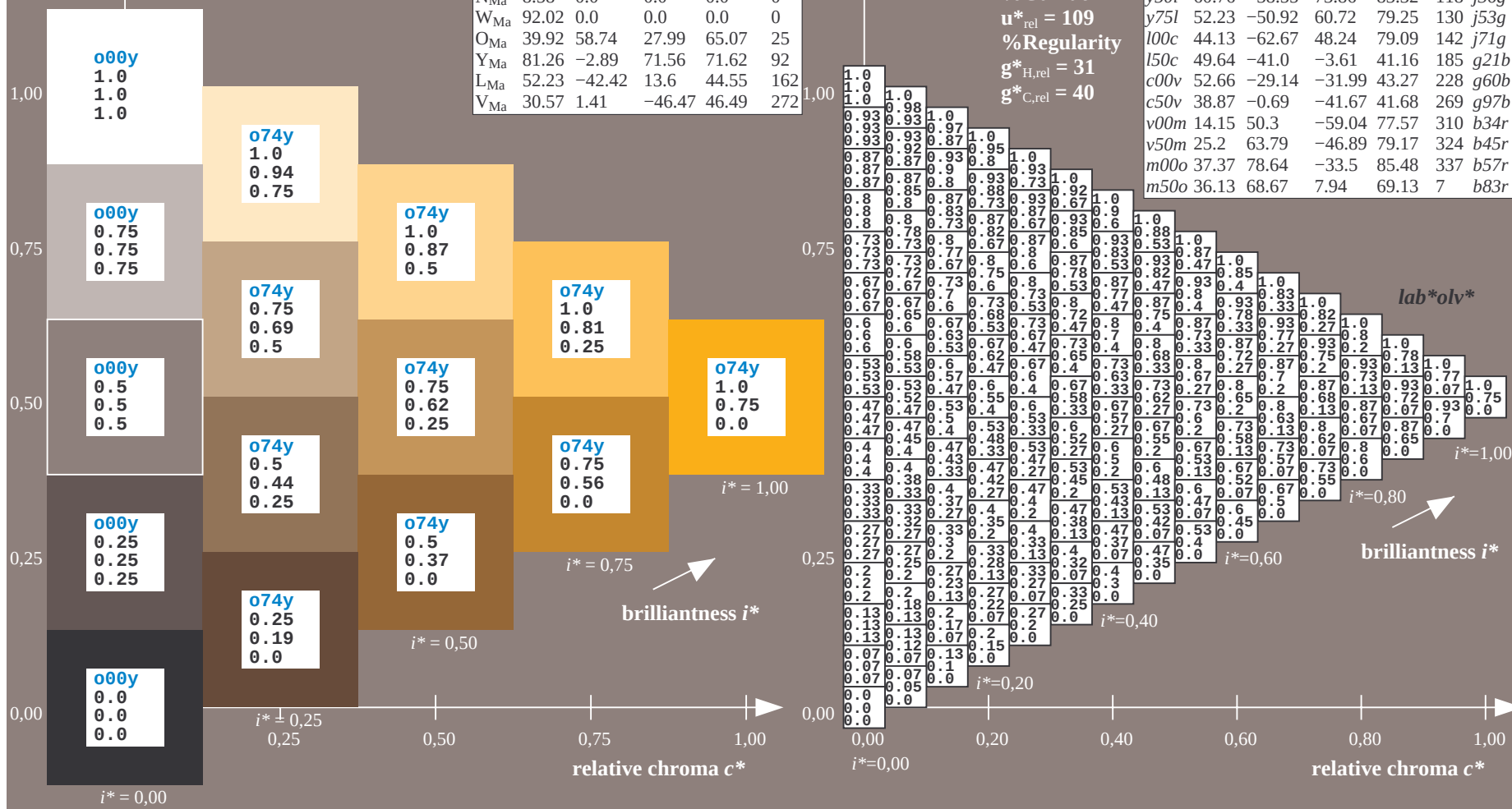
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

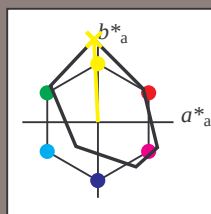
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 84 -5 109

$LAB^*LCH^*_{Ma}$: 84 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

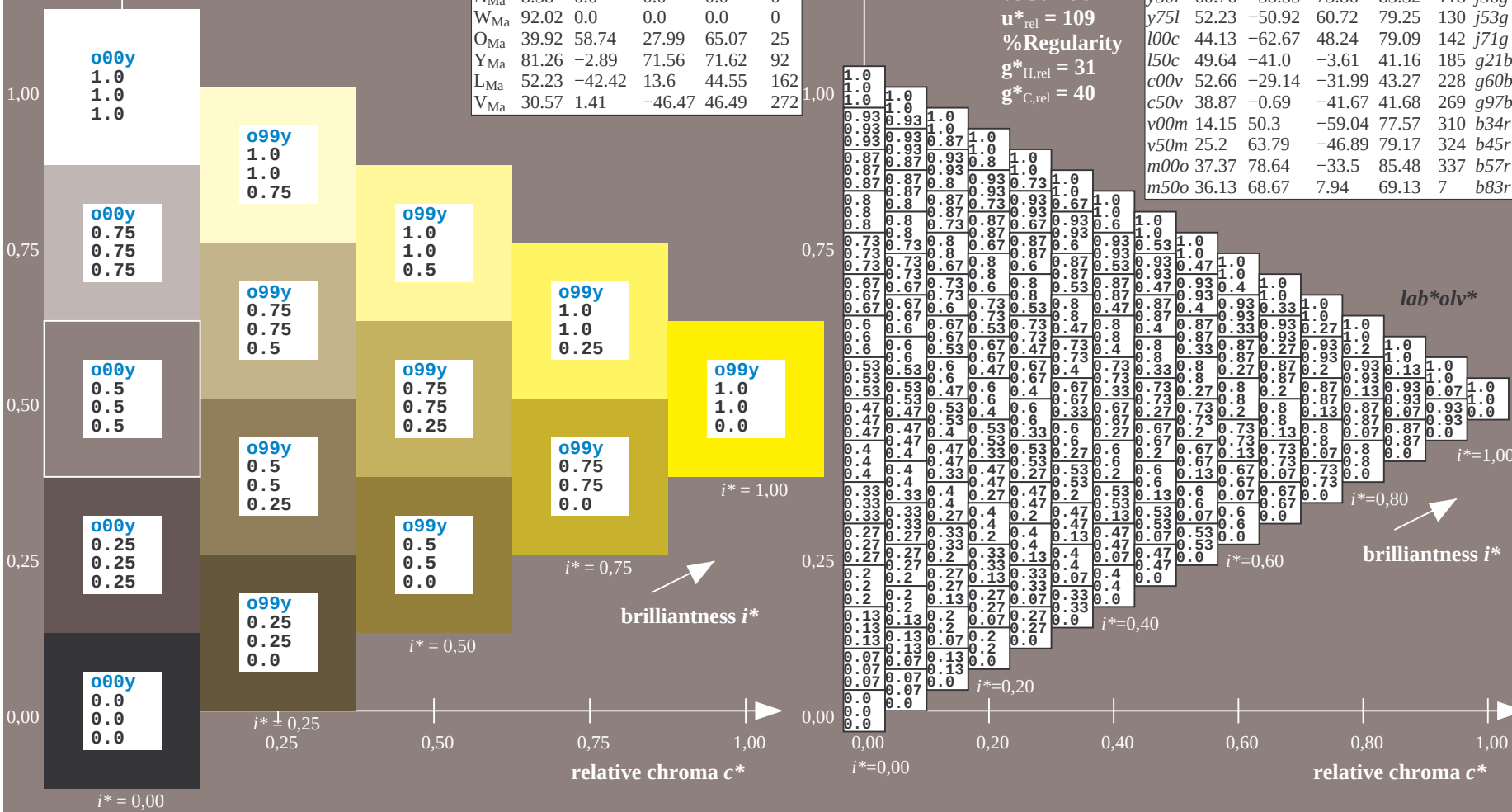
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

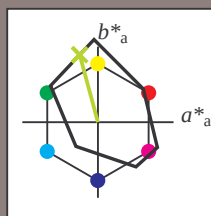
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 71 -24 89

$LAB^*LCH^*_{Ma}$: 71 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

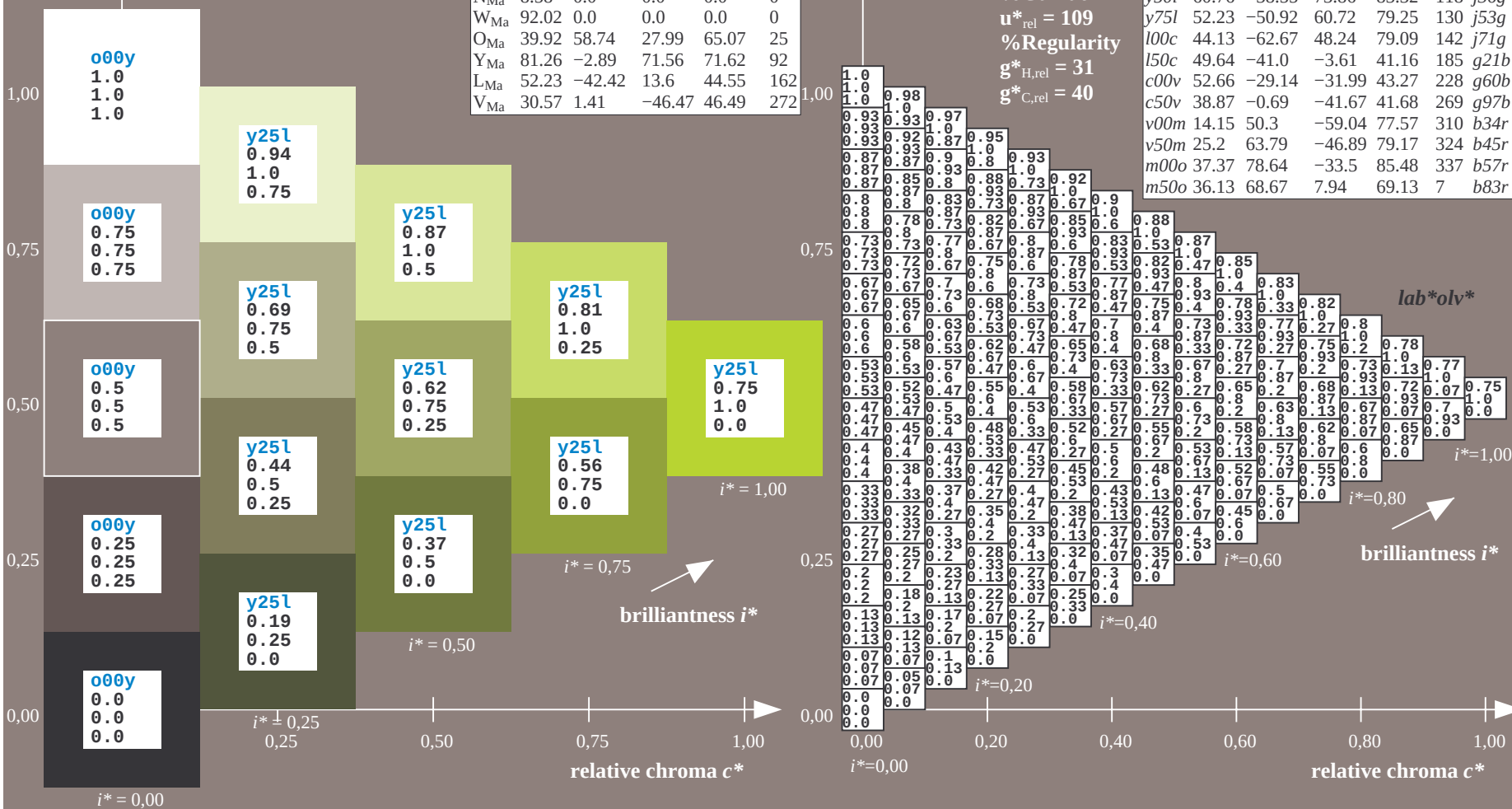
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

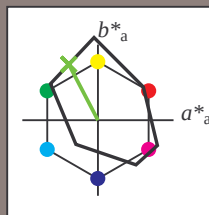
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	35.06	60.0	44.0	74.4	36	r16j
Y _{Ma}	83.77	-5.17	109.32	109.44	93	r37j
L _{Ma}	44.13	-62.67	48.24	79.09	142	r58j
C _{Ma}	52.66	-29.14	-31.99	43.27	228	r79j
V _{Ma}	14.15	50.3	-59.04	77.57	310	j01g
M _{Ma}	37.37	78.64	-33.5	85.48	337	j18g
N _{Ma}	8.58	0.0	0.0	0.0	0	j36g
W _{Ma}	92.02	0.0	0.0	0.0	0	j53g
O _{Ma}	39.92	58.74	27.99	65.07	25	j71g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g21b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g60b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g97b

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 61 -39 74

$LAB^*LCH^*_{Ma}$: 61 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

lab^*olv^*

$i^* = 1.00$

$i^* = 0.80$

brilliantness i^*

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$ data for any colour: Data for maximum colour (Ma):

*u**_d = y75l
*lab***olv**

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

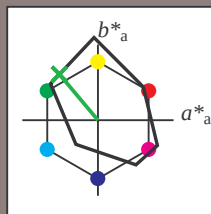
Hue texts:

$$u_d^* = y75l \quad u_e^* = j53a$$

contrast reduction factor:

$$c_D = 1.0$$
triangle lightness t^*

triangle lightness t



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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*5 : 52 -51 61

LAB*LAB*Ma. 52 51 01

LAB*LCH*_{Ma}: 52 79 129

lab*olv*_Ma: 0.25 1.0 0.0

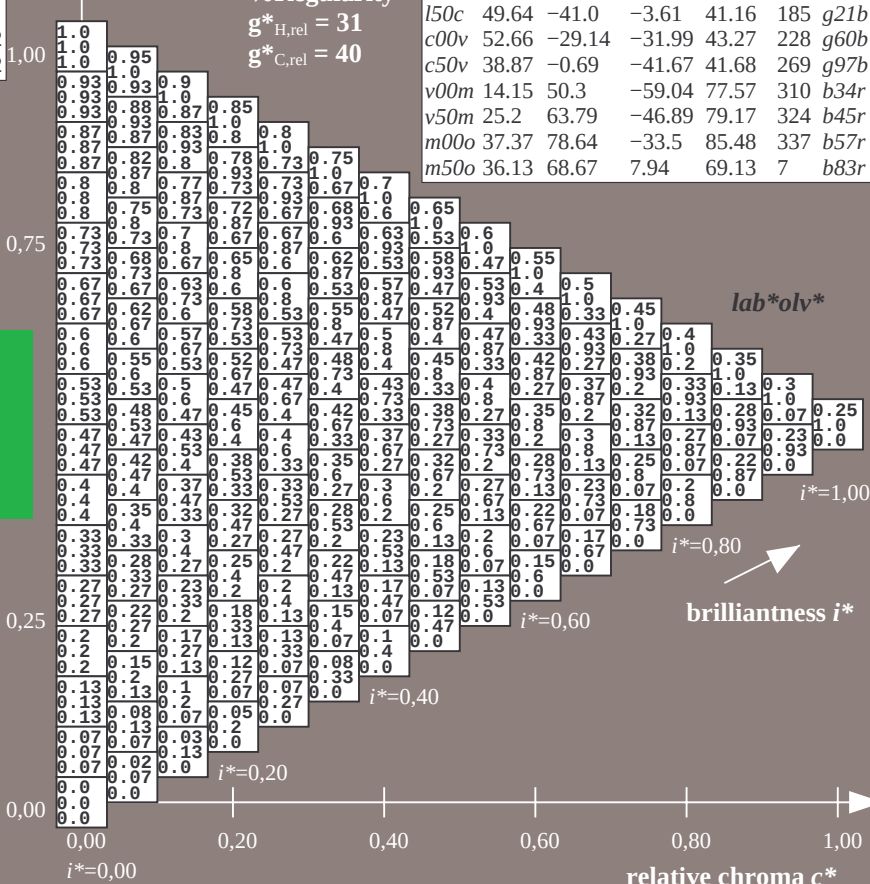
lab*rgb*_Ma: 0.46 1.0 0.0

triangle lightness t^*

%Gamut

$$\mathbf{u}_{\text{rel}}^* = 109$$

%Regularity

$$g^*_{H_{vol}} = 31$$
$$g^*_{C,rel} = 40$$


brilliantness i*

Gratification

0,80 1,0

relative chroma c^*

BAM-test chart Ee62: Colorimetric systems, Page 45/198

D65: colour scales and 9 data tables for 16 hues 000° to 750°

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

output: $\rightarrow LAB^* \rightarrow cmv0^*$ setcmvk

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

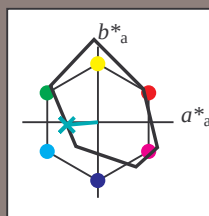
Hue texts:

$u^*_d = l50c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 50 -41 -4

$LAB^*LCH^*_{Ma}$: 50 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

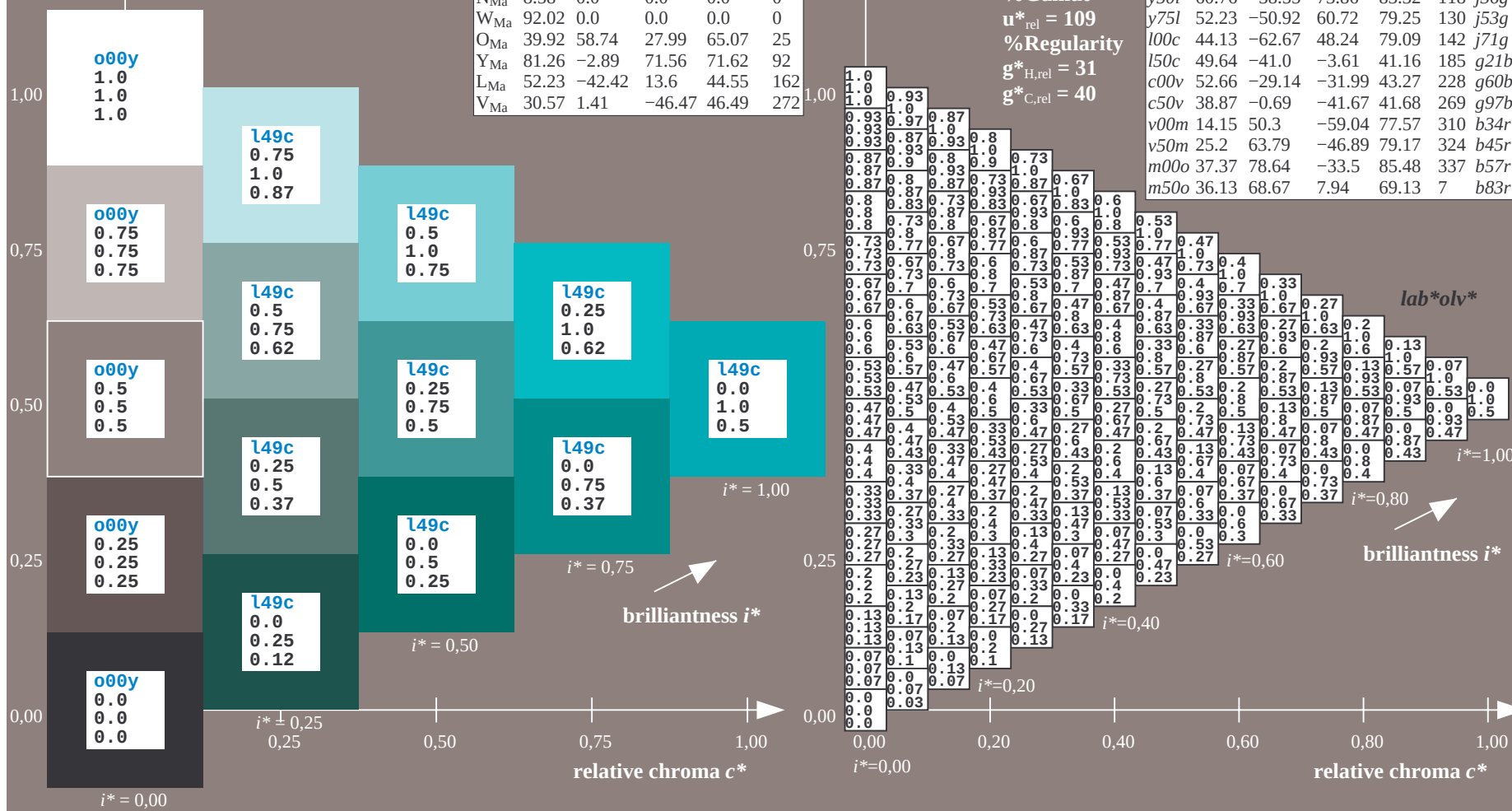
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$ u^*_e

o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

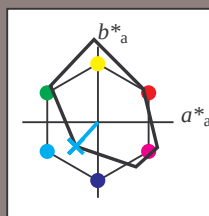
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 53 -29 -32

$LAB^*LCH^*_{Ma}$: 53 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

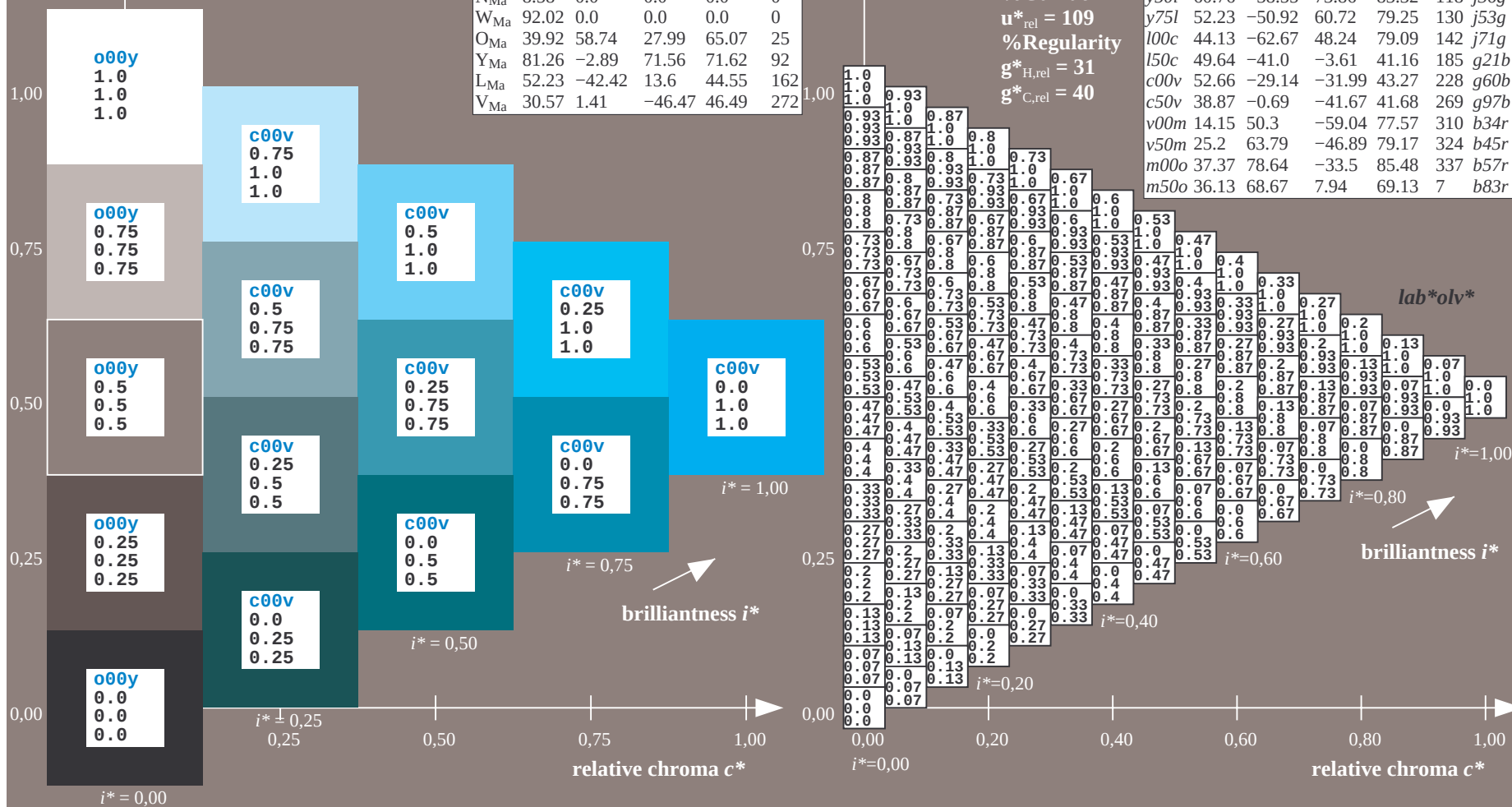
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

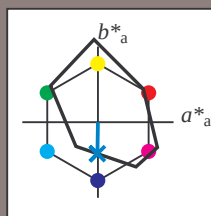
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 39 -1 -42

$LAB^*LCH^*_{Ma}$: 39 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

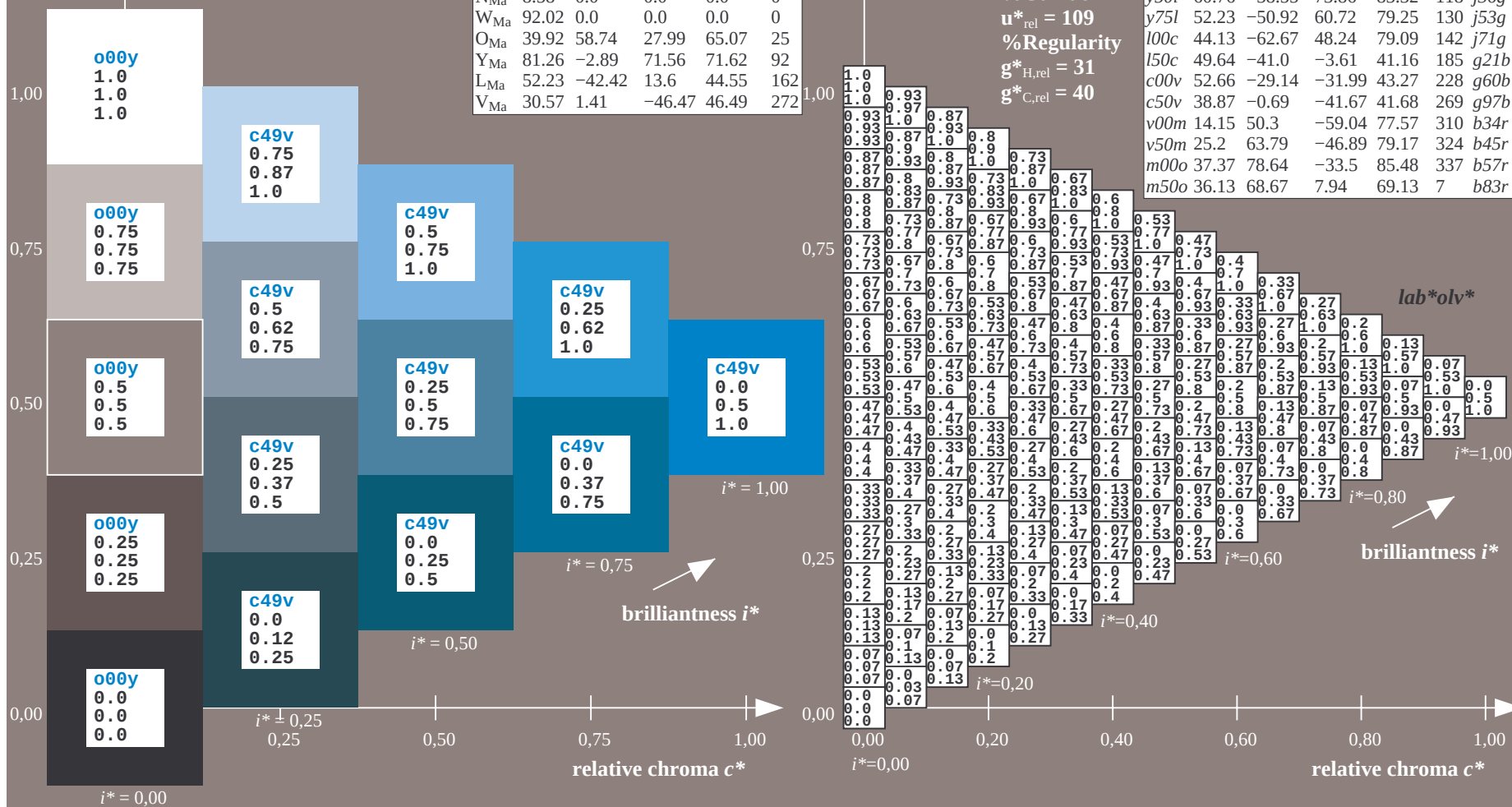
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

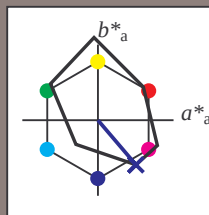
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 14 50 -59

$LAB^*LCH^*_{Ma}$: 14 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

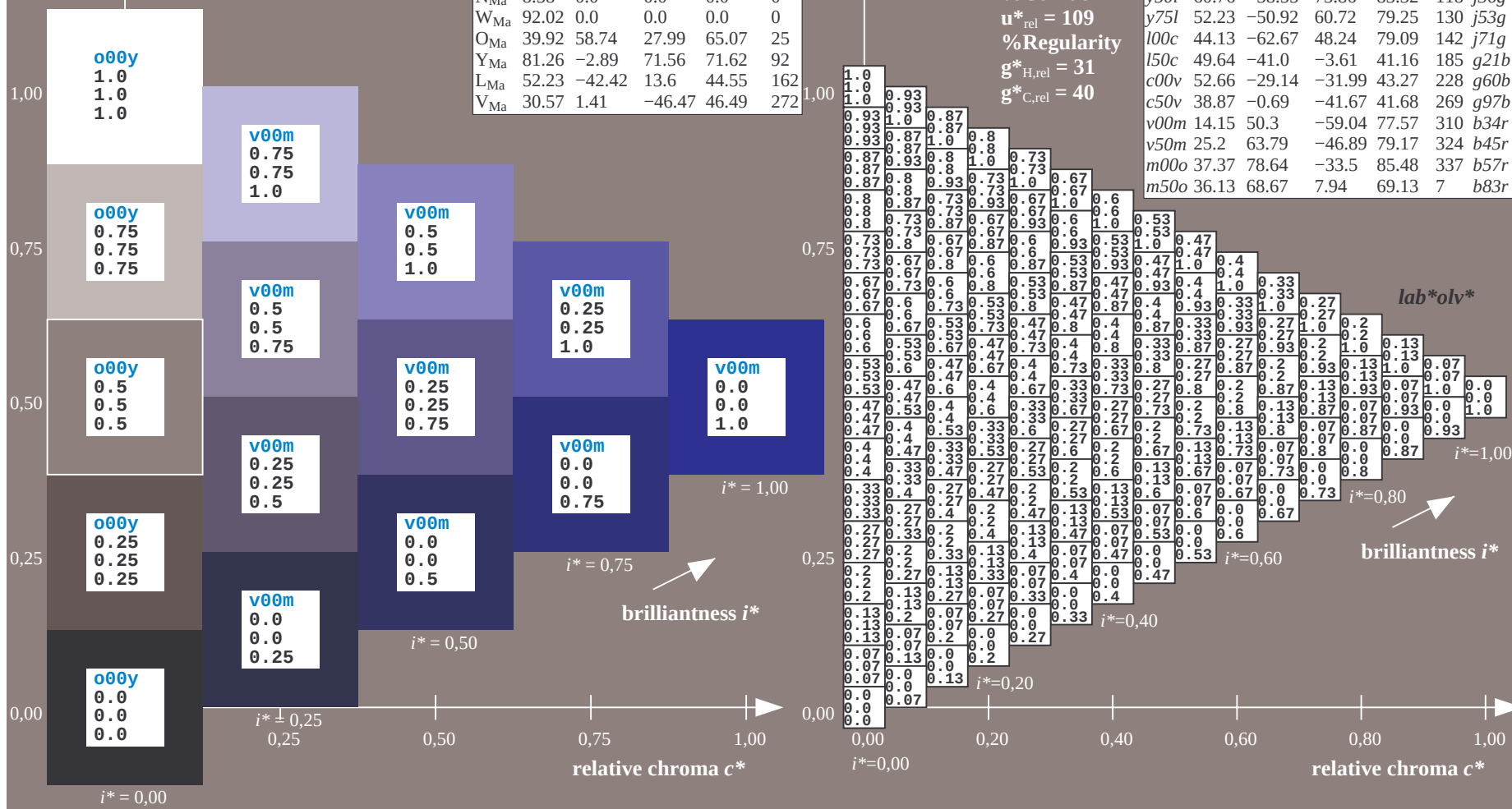
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

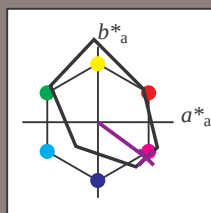
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 25 64 -47

$LAB^*LCH^*_{Ma}$: 25 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

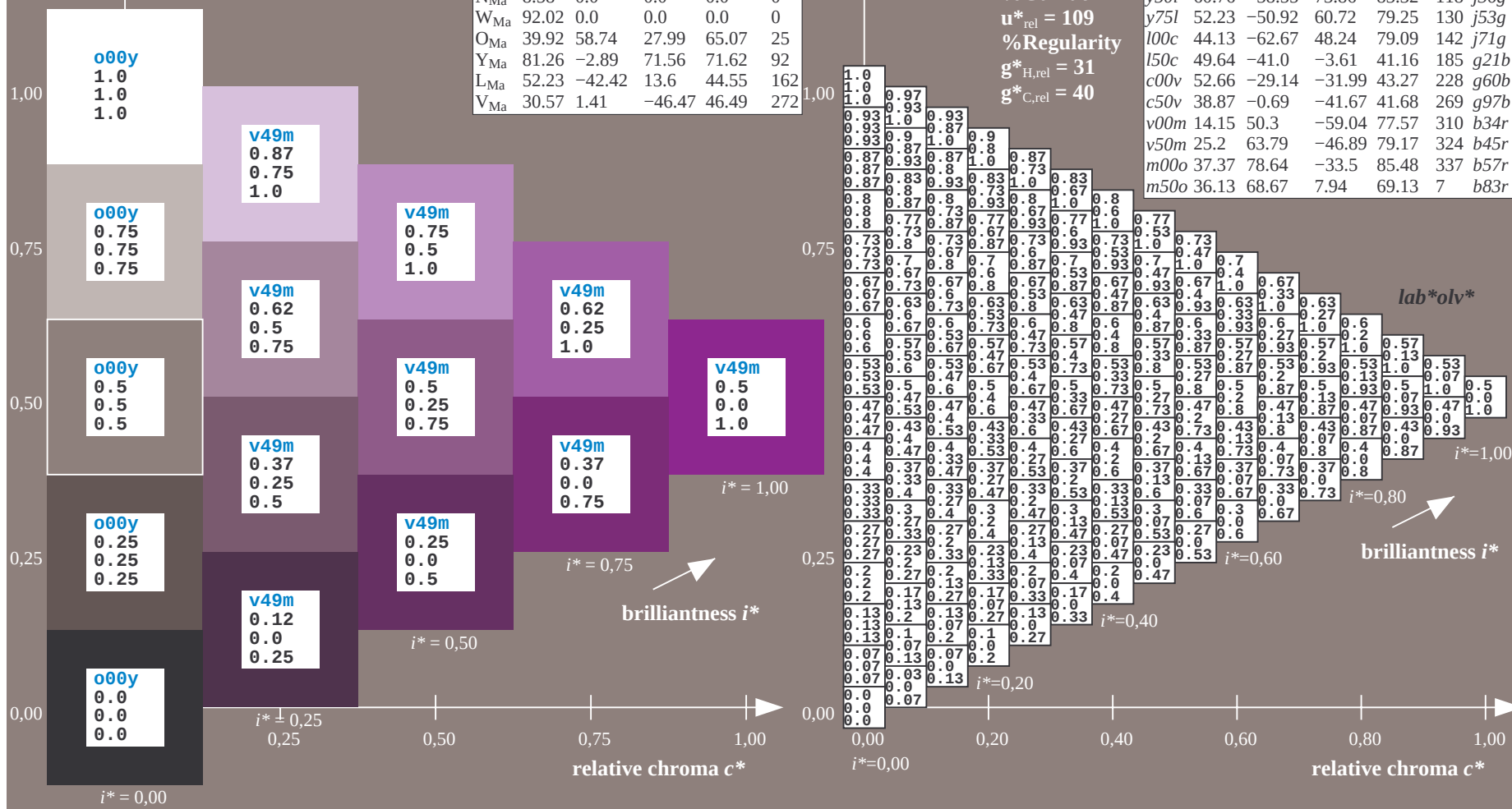
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = v50m$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

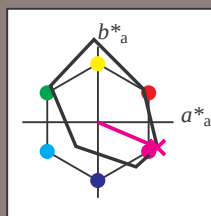
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 37 79 -34

$LAB^*LCH^*_{Ma}$: 37 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

% Gamut

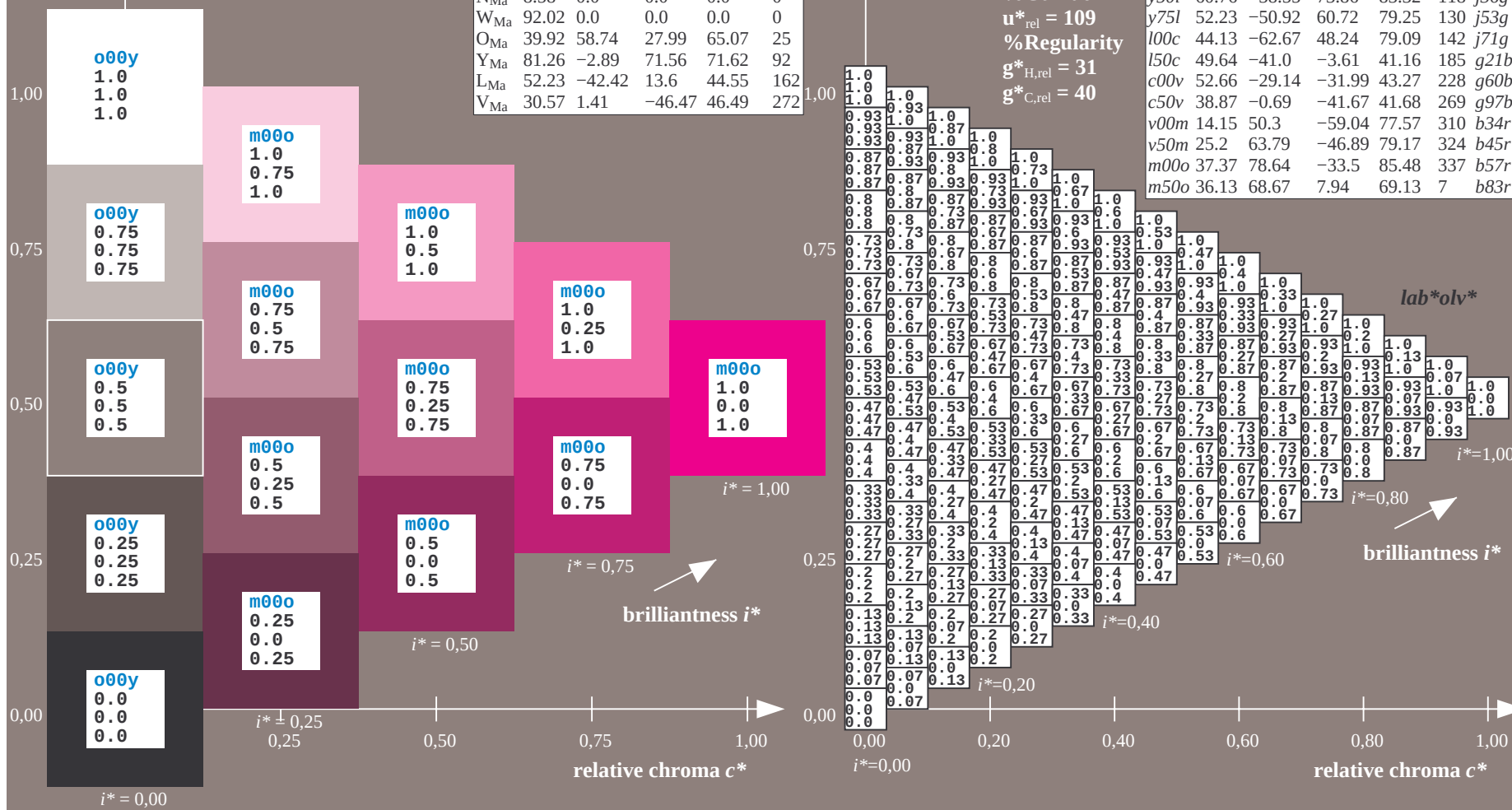
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

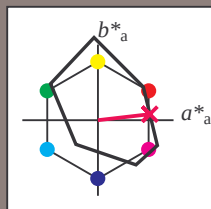
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 36 69 8

$LAB^*LCH^*_{Ma}$: 36 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

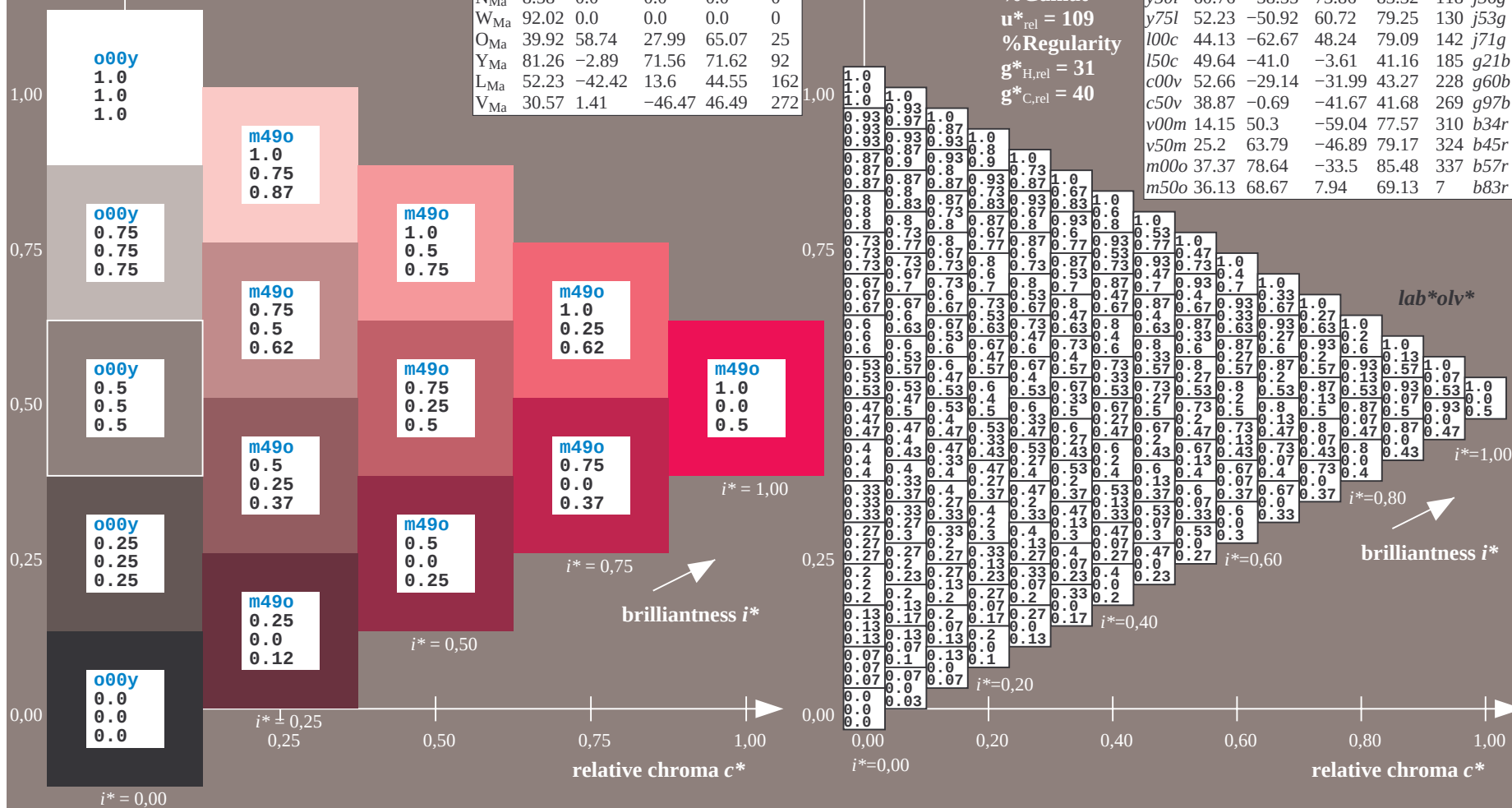
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



See for similar files: <http://www.ps.bam.de/Ee62/>; www.ps.bam.de/Ee62/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*oly*							
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0			
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.38	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
10	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.07	0.07	0.07	0.07	0.07	0.07	0.07	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0										

Input and output:

Colorimetric Printer Reflective System FRS09_92aM
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

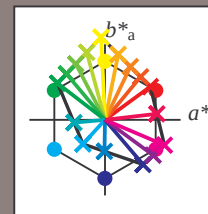
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 1.0$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



%Gamut

$u^*_{rel} = 109$

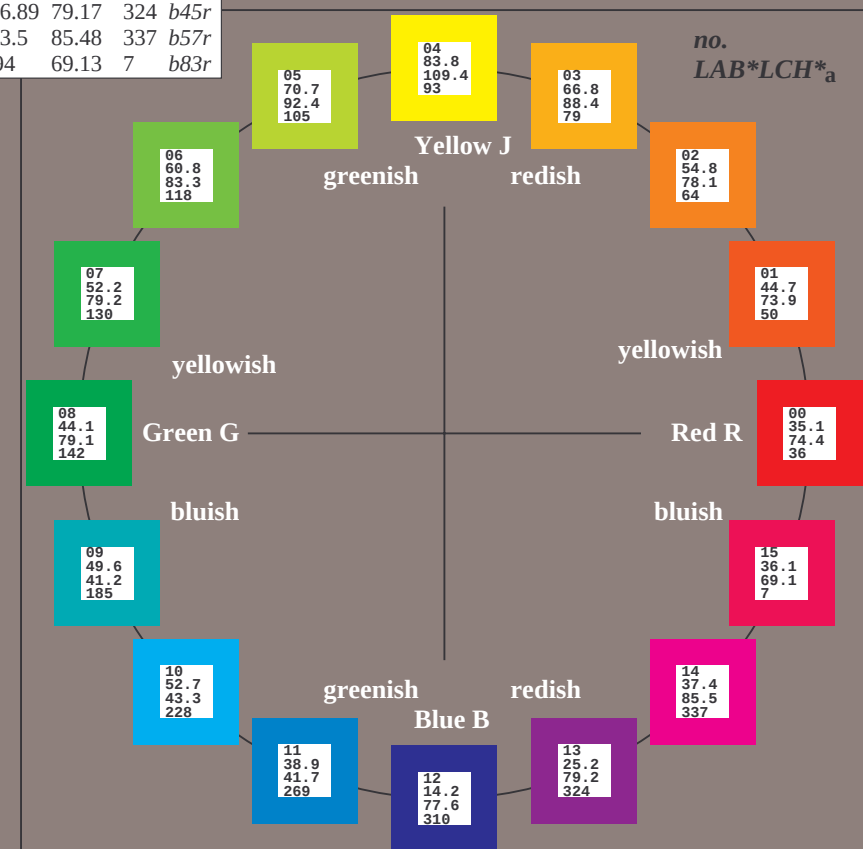
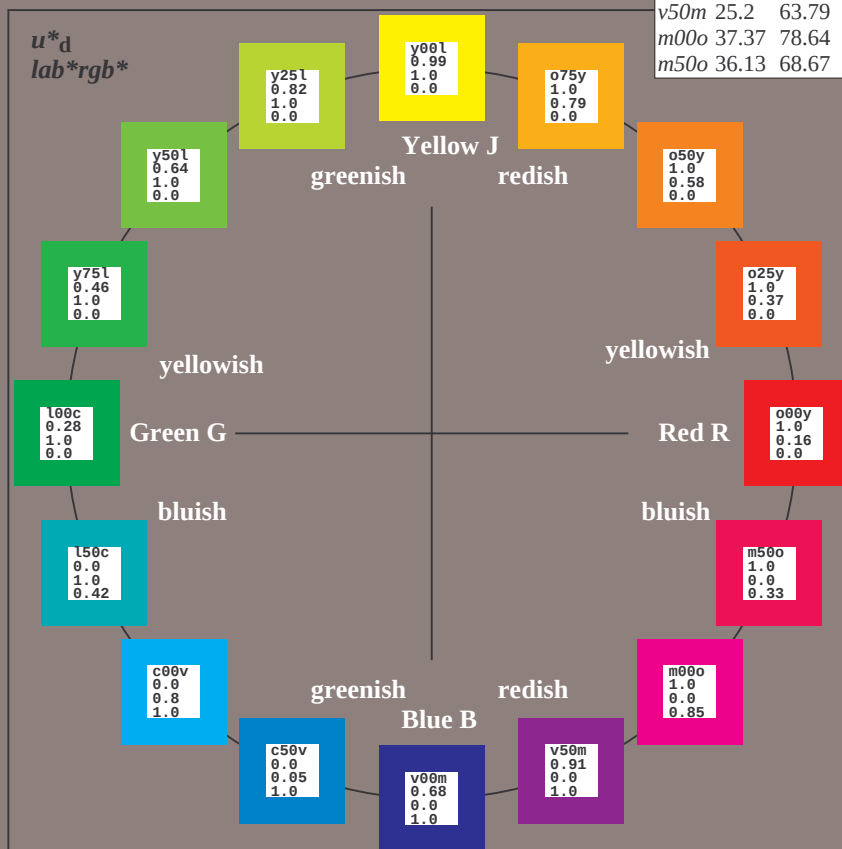
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	-5.17	109.32	109.44	93
L_{Ma}	44.13	-62.67	48.24	79.09	142
C_{Ma}	52.66	-29.14	-31.99	43.27	228
V_{Ma}	14.15	50.3	-59.04	77.57	310
M_{Ma}	37.37	78.64	-33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

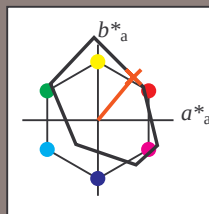
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 47 57

$LAB^*LCH^*_{Ma}$: 45 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

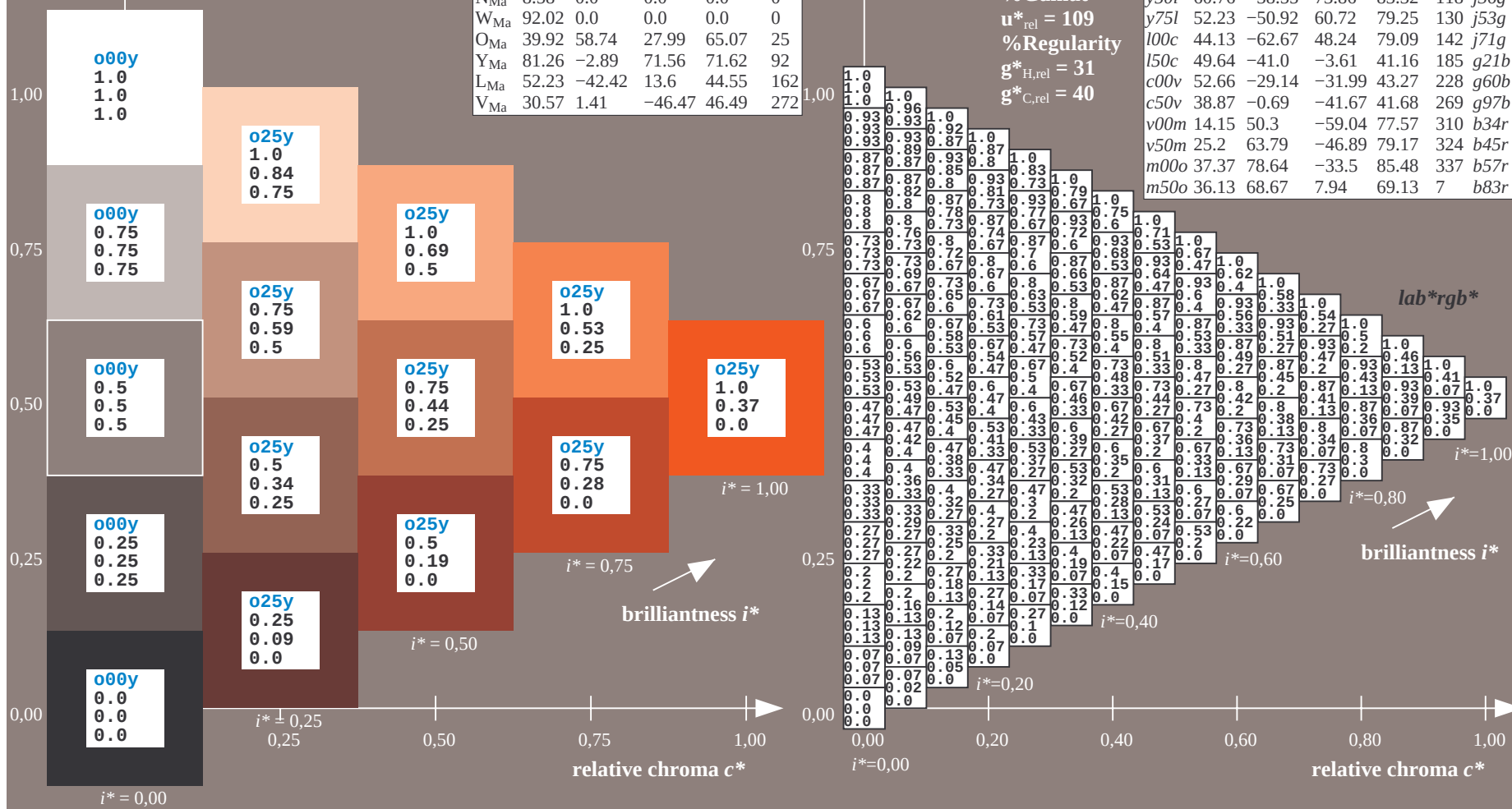
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

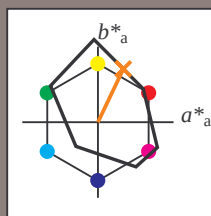
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 55 34 70

$LAB^*LCH^*_{Ma}$: 55 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$ u^*_e

o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

lab^*rgb^*

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

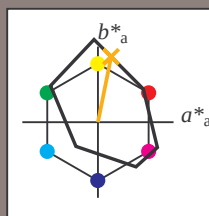
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 17 87

$LAB^*LCH^*_{Ma}$: 67 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

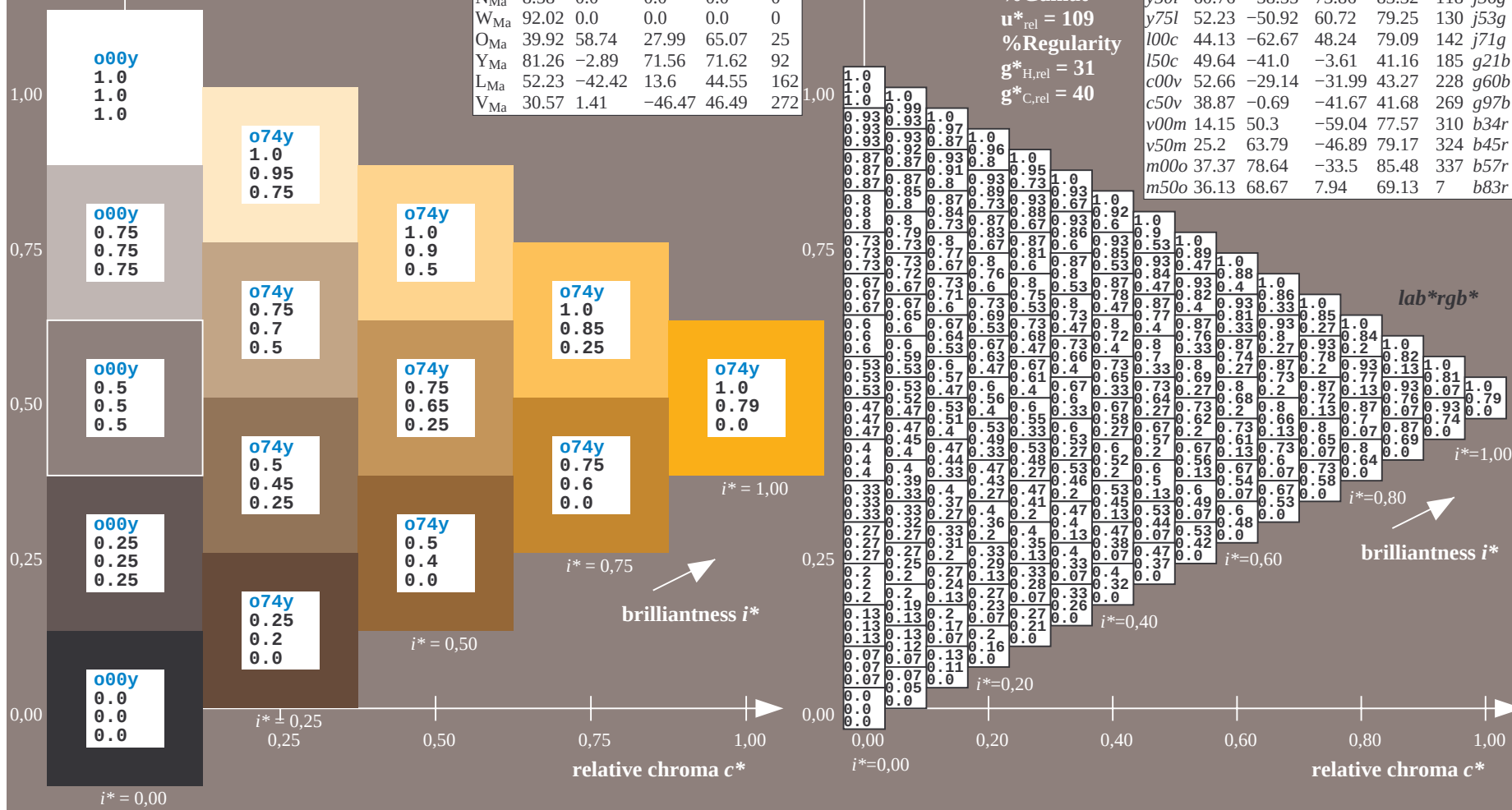
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

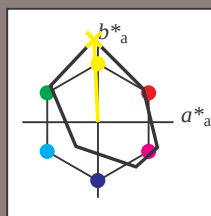
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 84 -5 109

$LAB^*LCH^*_{Ma}$: 84 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

lab^*rgb^*

$i^* = 1.00$

$i^* = 0.80$

brilliantness i^*

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

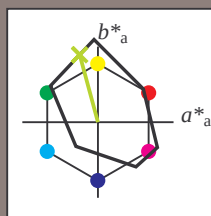
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 71 -24 89

$LAB^*LCH^*_{Ma}$: 71 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

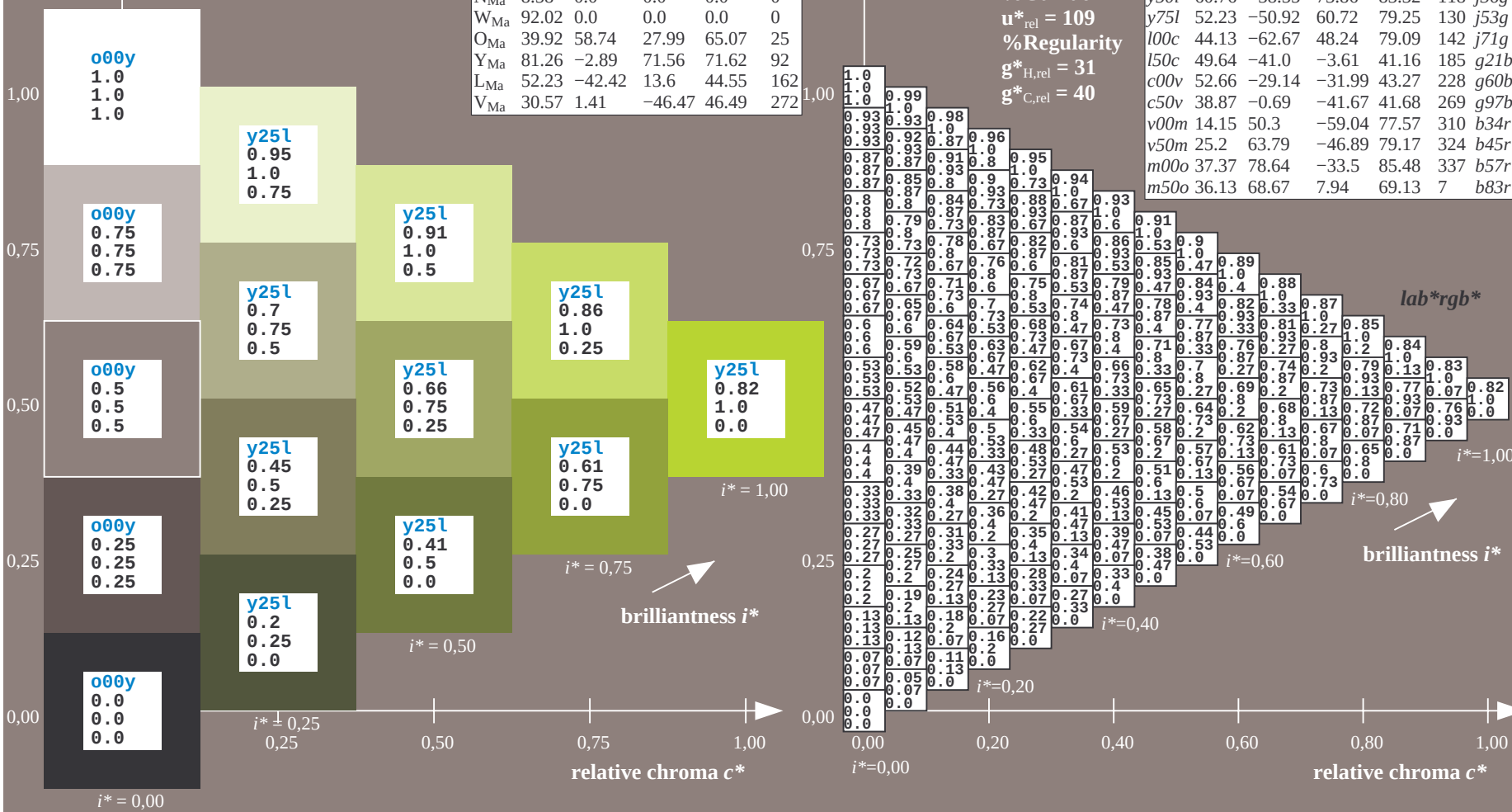
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

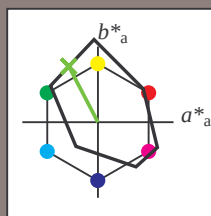
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
OMa	35.06	60.0	44.0	74.4	36	
YMa	83.77	-5.17	109.32	109.44	93	
LMa	44.13	-62.67	48.24	79.09	142	
CMa	52.66	-29.14	-31.99	43.27	228	
VMa	14.15	50.3	-59.04	77.57	310	
MMa	37.37	78.64	-33.5	85.48	337	
NMa	8.58	0.0	0.0	0.0	0	
WMa	92.02	0.0	0.0	0.0	0	
OMa	39.92	58.74	27.99	65.07	25	
YMa	81.26	-2.89	71.56	71.62	92	
LMa	52.23	-42.42	13.6	44.55	162	
VMa	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 61 -39 74

LAB^*LCH^*Ma : 61 83 117

lab^*olv^*Ma : 0.5 1.0 0.0

lab^*rgb^*Ma : 0.64 1.0 0.0

triangle lightness t^*

%Gamut

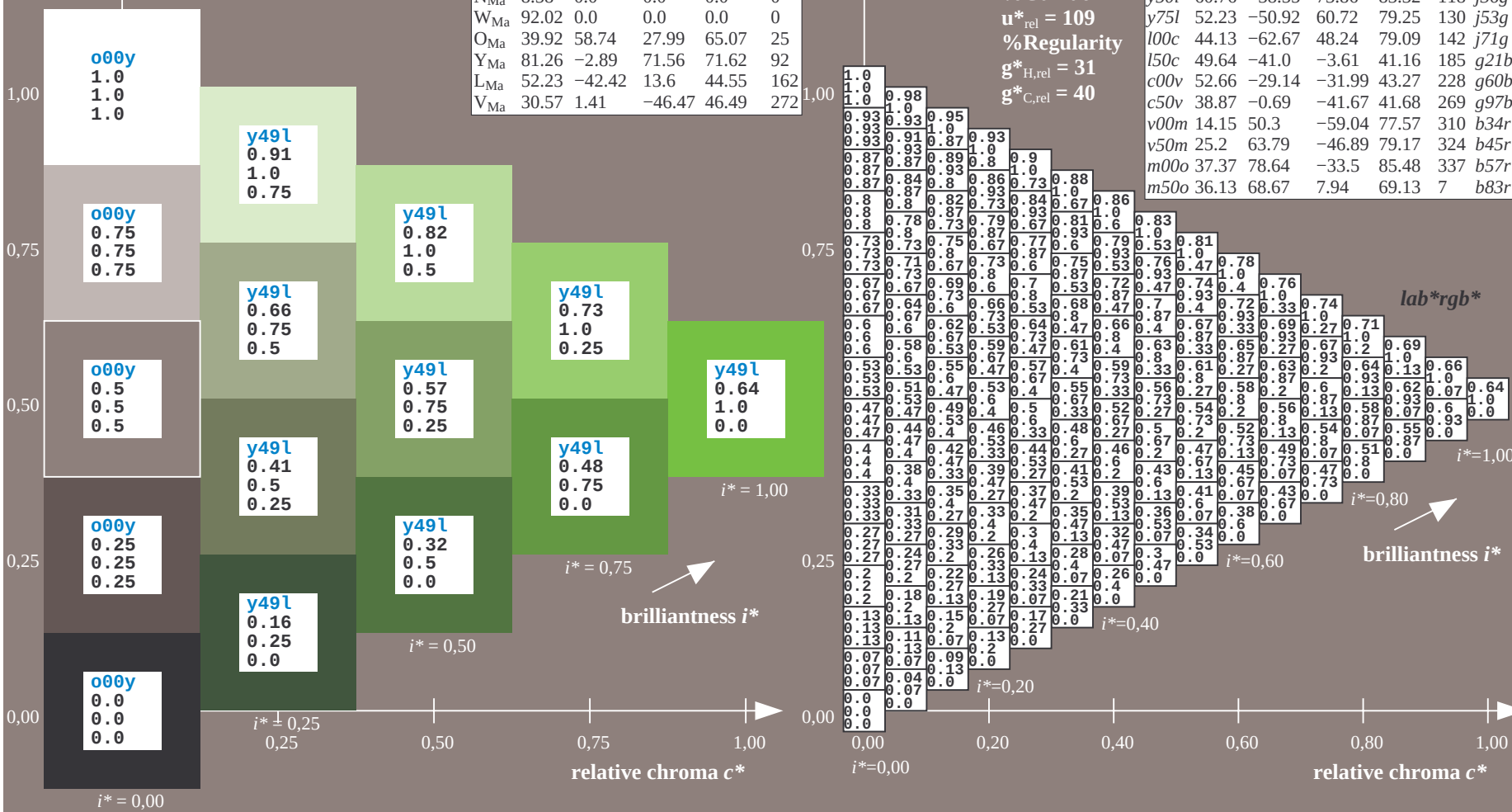
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

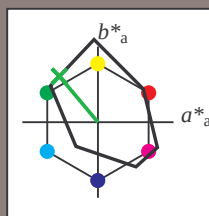
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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 -51 61

$LAB^*LCH^*_{Ma}$: 52 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

%Gamut

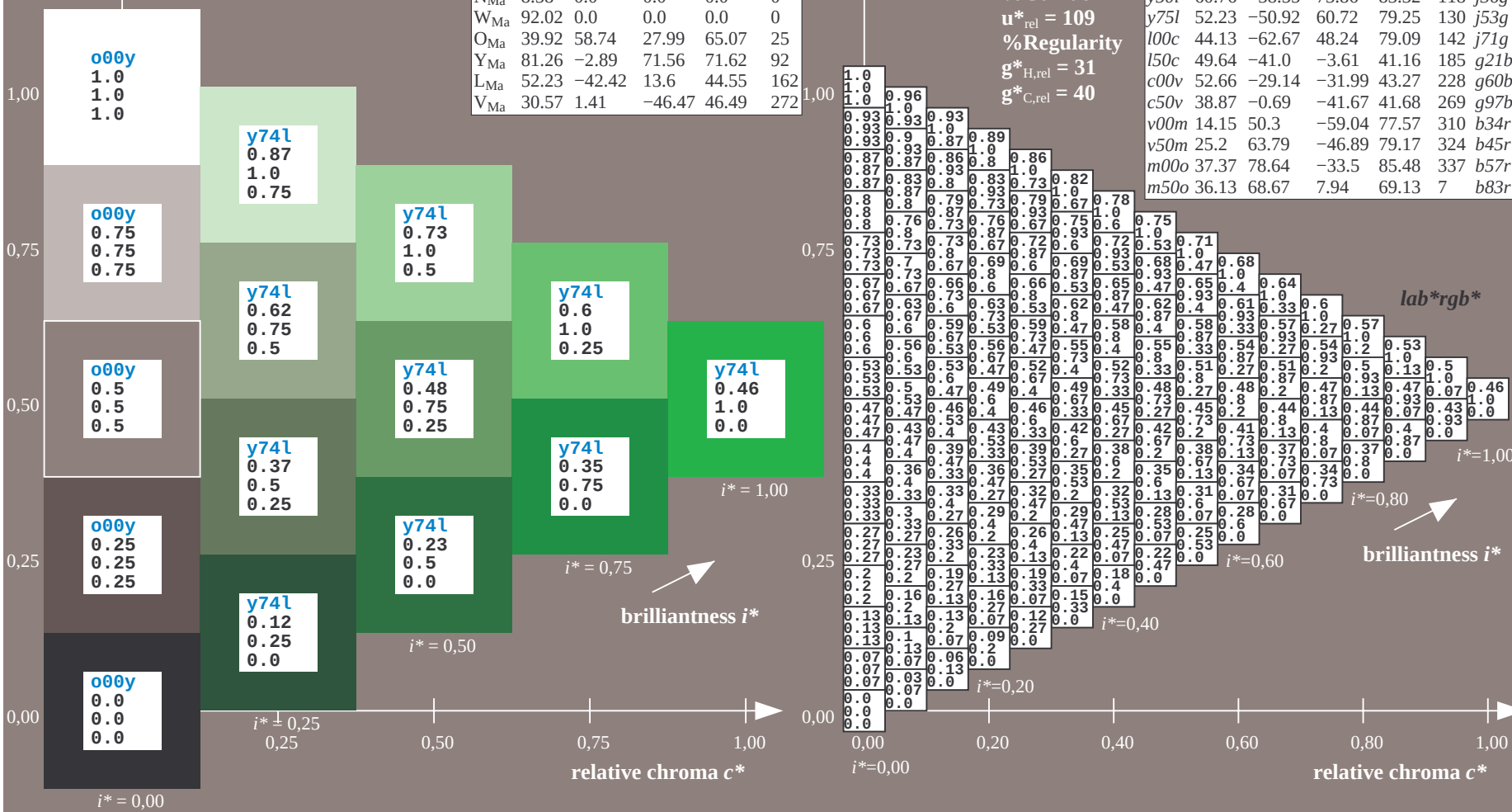
$u^*_{rel} = 109$

%Regularity

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

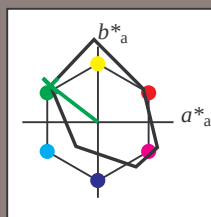
$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 100c$ $u^*_e = j71g$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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 -63 48

$LAB^*LCH^*_{Ma}$: 44 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

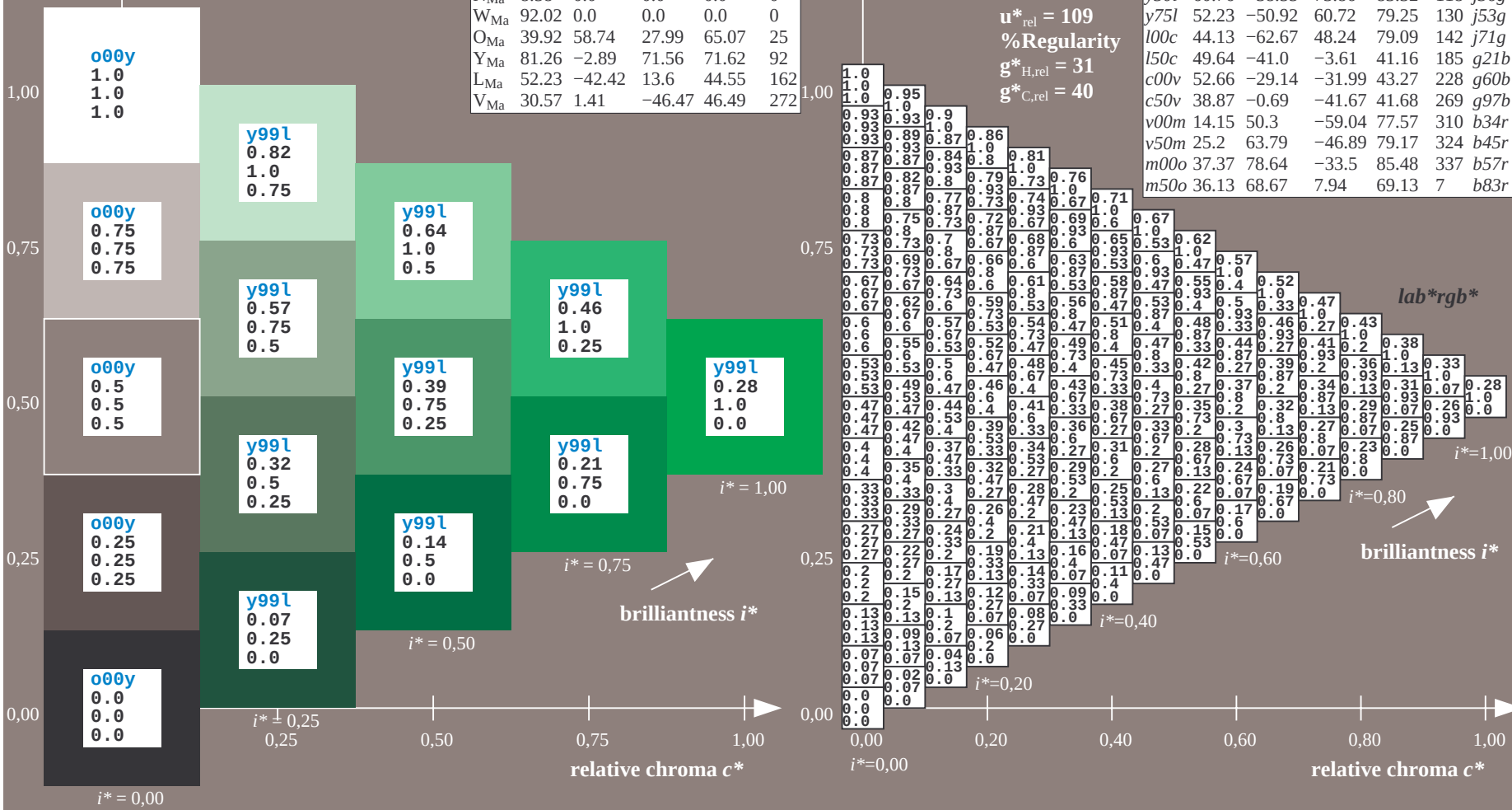
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = 100c$
 lab^*rgb^*



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

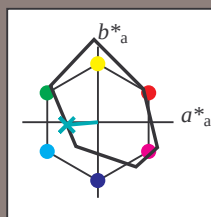
Hue texts:

$u^*_d = l50c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 50 -41 -4

$LAB^*LCH^*_{Ma}$: 50 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

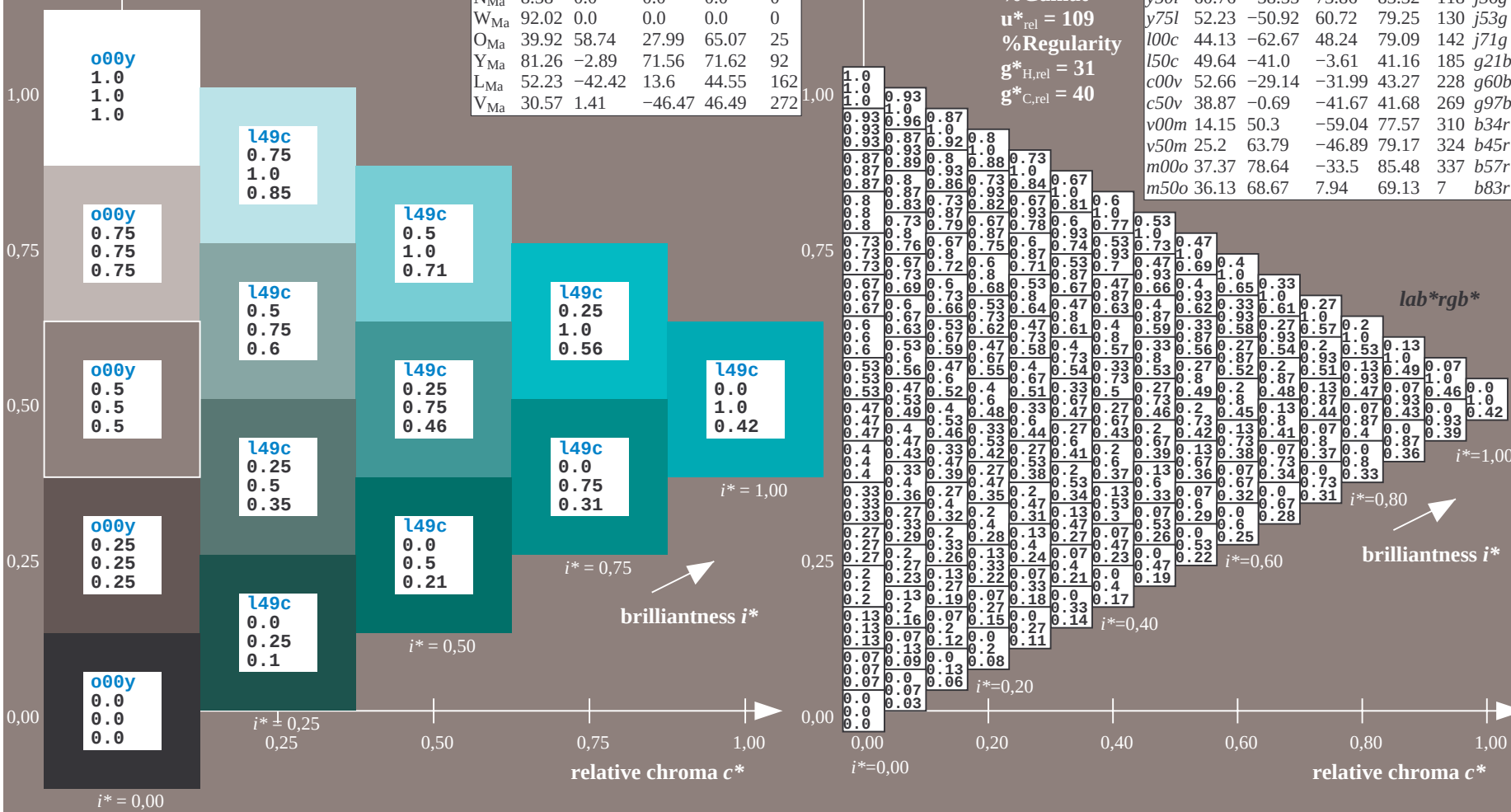
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$ u^*_e

o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

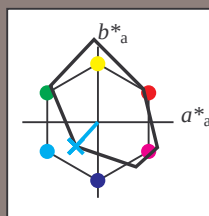
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 53 -29 -32

$LAB^*LCH^*_{Ma}$: 53 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

lab^*rgb^*

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

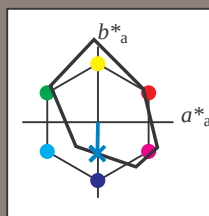
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 39 -1 -42

$LAB^*LCH^*_{Ma}$: 39 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

lab^*rgb^*

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

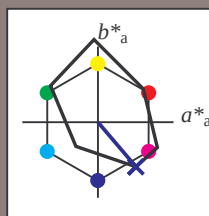
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 14 50 -59

$LAB^*LCH^*_{Ma}$: 14 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

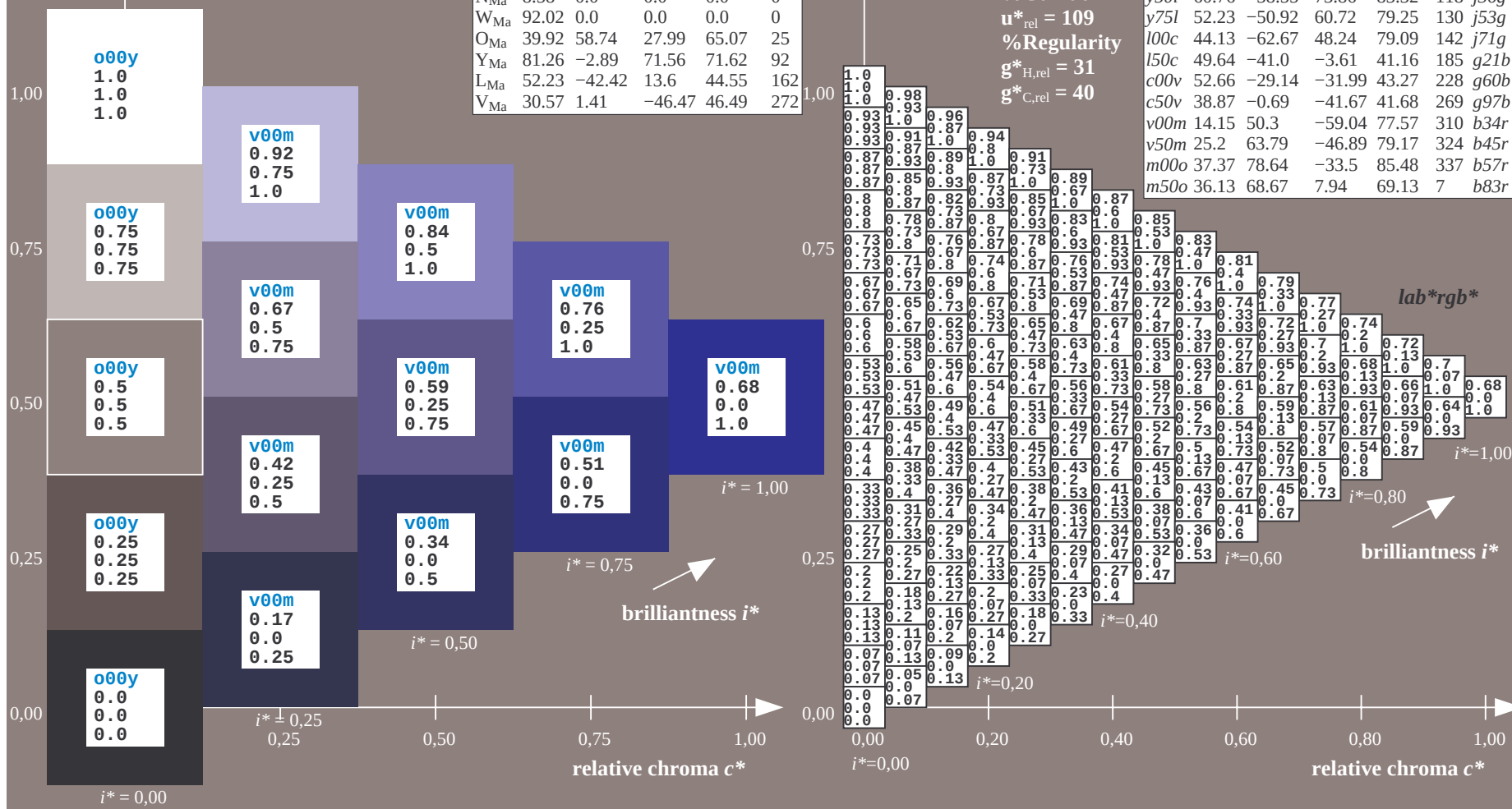
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

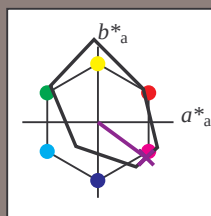
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 25 64 -47

$LAB^*LCH^*_{Ma}$: 25 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

% Gamut

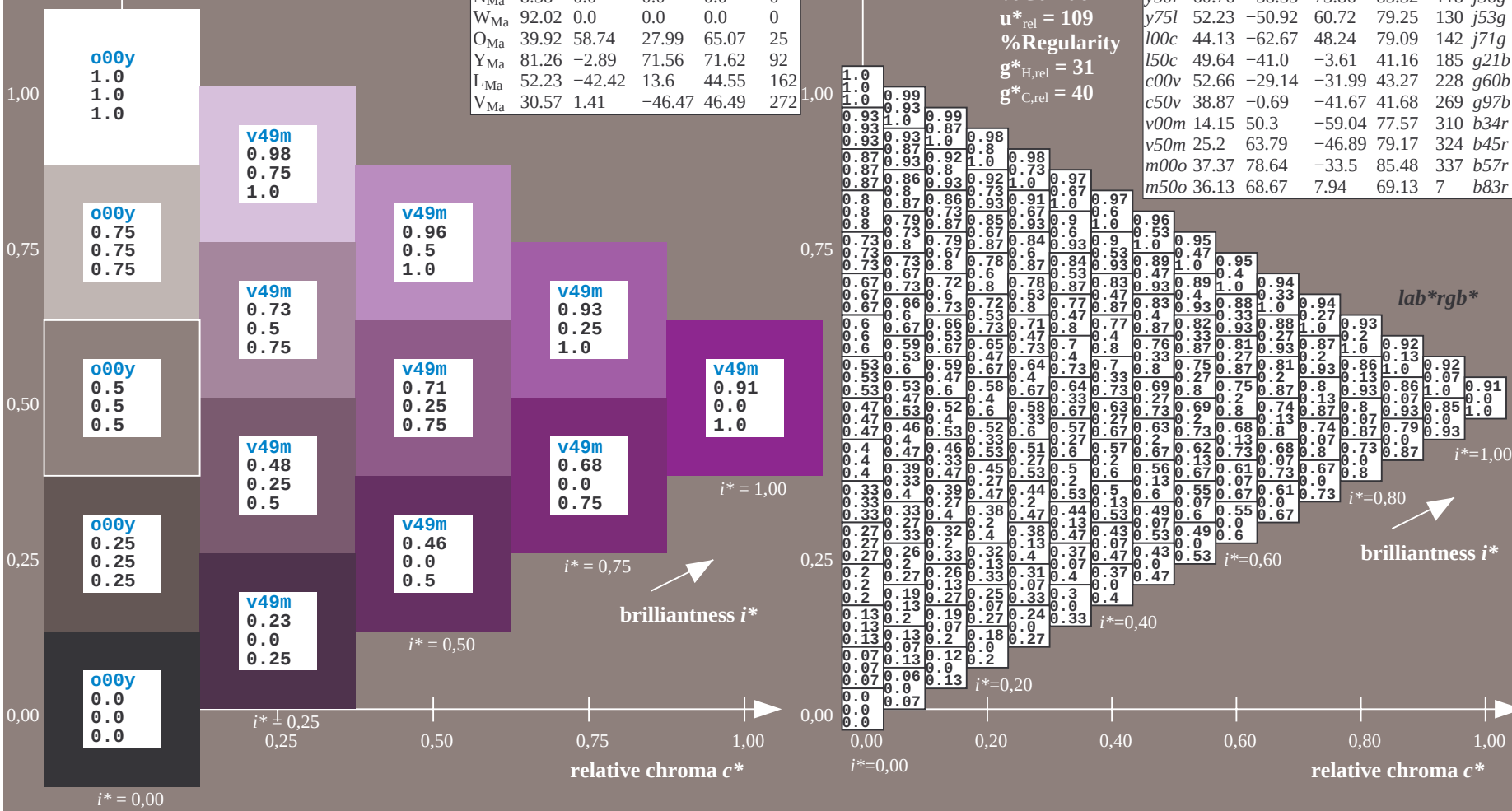
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

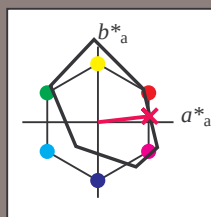
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 36 69 8

$LAB^*LCH^*_{Ma}$: 36 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

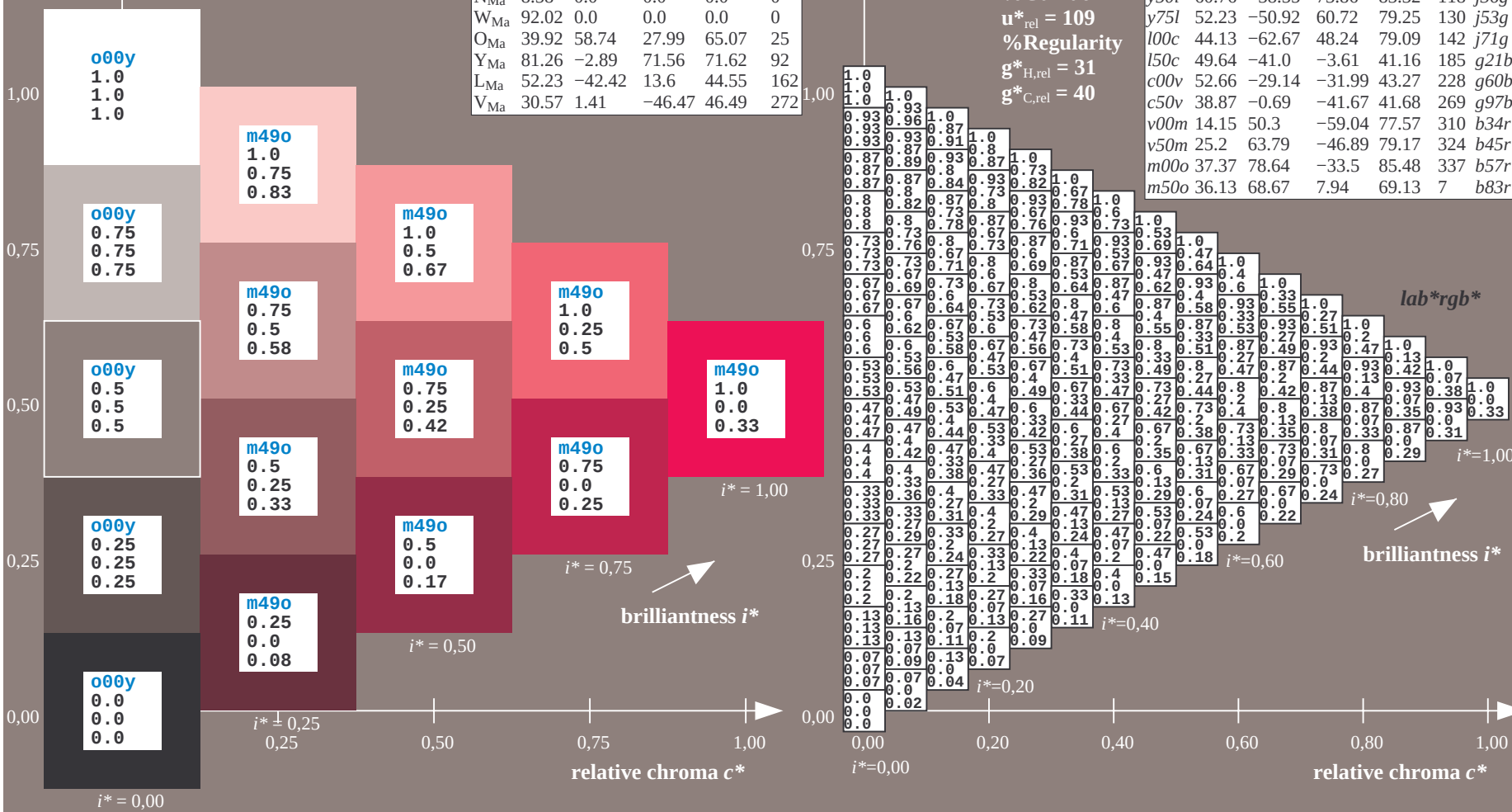
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$ u^*_e

o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



See for similar files: <http://www.ps.bam.de/Ee62/>; www.ps.bam.de/Ee62/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*rgb*			
0.0	0.04	0.07	0.11	0.14	0.18	0.21	0.25	0.28	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.53	0.56	0.59	0.62	0.65	0.68	0.71	0.74	0.77	0.80	0.83	0.86	0.89	0.92	0.95	0.98	1.00	0.0	0.0	0.0	0.0	0.0	0.0			
0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.13	1.25	1.38	1.5	1.63	1.75	1.88	2.0	2.13	2.25	2.38	2.5	2.63	2.75	2.88	3.0	3.13	3.25	3.38	3.5	3.63	3.75	3.88	4.0	4.13	4.25	4.38	4.5	4.63	4.75	4.88	5.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
0.09	0.0	0.0	0.0	0.0	0.0	0.02	0.06	0.1	0.13	0.13	0.13	0.16	0.2	0.23	0.27	0.3	0.34	0.37	0.4	0.43	0.46	0.49	0.52	0.55	0.58	0.61	0.64	0.67	0.7	0.73	0.75	0.77	0.79	0.81	0.83	0.85	0.87	0.89	0.91	0.93	0.95
0.0	0.1	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.13	1.25	1.38	1.5	1.63	1.75	1.88	2.0	2.13	2.25	2.38	2.5	2.63	2.75	2.88	3.0	3.13	3.25	3.38	3.5	3.63	3.75	3.88	4.0	4.13	4.25	4.38	4.5	4.63	4.75	4.88	5.0	
0.13	0.13	0.1	0.06	0.01	0.0	0.0	0.0	0.0	0.11	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.21	0.13	0.13	0.13	0.13	0.15	0.19	0.22	0.25	0.28	0.29	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.58	0.61	0.64	0.67	0.7	0.73	0.75	0.77	0.79	0.81	0.83	0.85
0.0	0.01	0.2	0.38	0.5	0.63	0.75	0.88	1.0	1.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.25	0.25	0.25	0.25	0.25	0.21	0.16	0.12	0.07	0.03	0.25	0.25	0.25	0.23	0.18	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.26	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.31	0.3	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.38	0.0	0.11	0.3	0.5	0.63	0.75	0.88	1.0	1.13	0.13	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.38	0.16	0.0	0.0	0.0	0.0	0.36	0.51	0.67	0.72	0.72	0.38	0.2	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.4	0.0	0.02	0.21	0.4	0.63	0.75	0.88	1.0	1.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.5	0.5	0.5	0.5	0.5	0.55	0.51	0.46	0.42	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
0.43	0.24	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.48	0.47	0.28	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.0	0.0	0.0	0.13	0.31	0.5	0.75	0.88	1.0	1.13	0.13	0.13	0.15	0.34	0.53	0.75	0.88	1.0	1.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
0.51	0.33	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.57	0.55	0.37	0.19	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.0	0.0	0.0	0.04	0.23	0.41	0.6	0.88	1.0	1.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.85	0.81	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75		
0.6	0.41	0.23	0.05	0.0	0.0	0.0	0.0	0.0	0.65	0.64	0.45	0.27	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.0	0.0	0.0	0.0	0.0	0.14	0.33	0.52	0.7	1.0	0.0	0.13	0.13	0.13	0.16	0.35	0.54	0.73	1.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88																			

BAM registration: 20081001-Ee62/10L/L62E00FP.PS/.PDF
application for evaluation and measurement of printer or monitor systems
BAM material: code=rhatha

Input and output:

Colorimetric Printer Reflective System FRS09_92aM
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

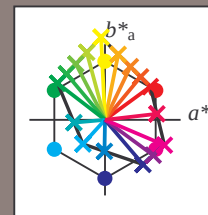
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 1.0$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



%Gamut

$u^*_{rel} = 109$

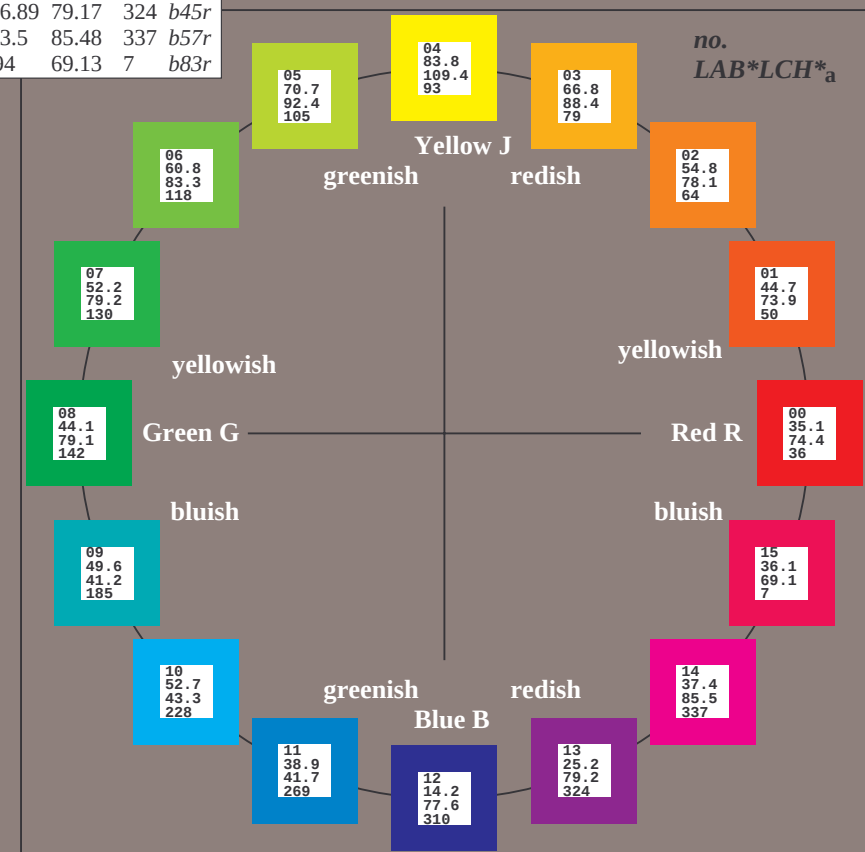
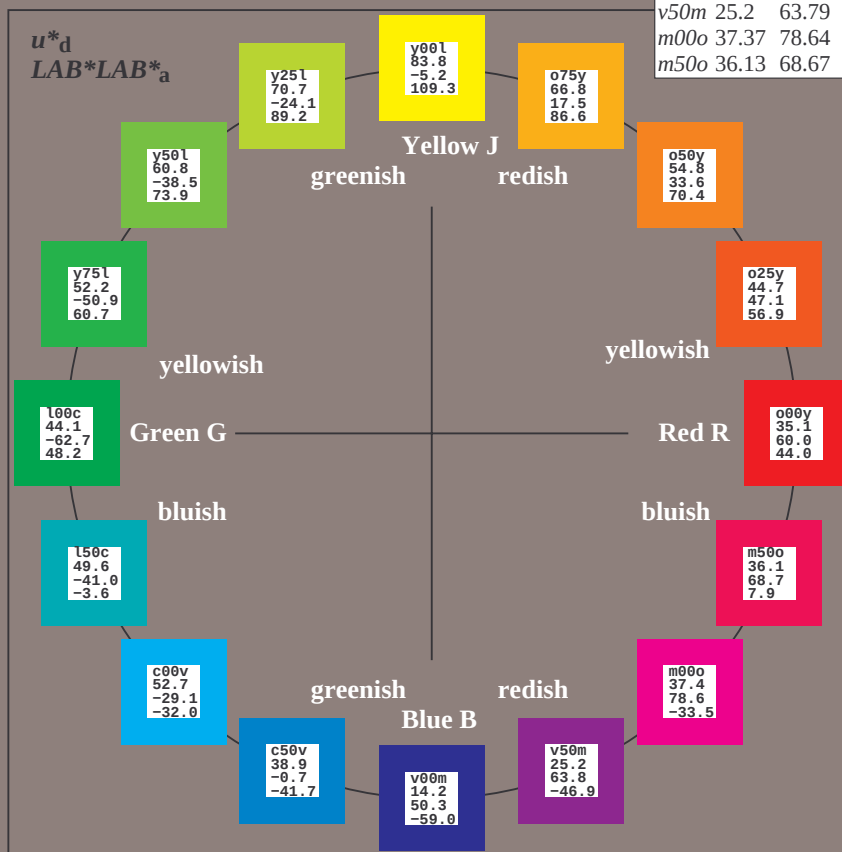
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	-5.17	109.32	109.44	93
L_{Ma}	44.13	-62.67	48.24	79.09	142
C_{Ma}	52.66	-29.14	-31.99	43.27	228
V_{Ma}	14.15	50.3	-59.04	77.57	310
M_{Ma}	37.37	78.64	-33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

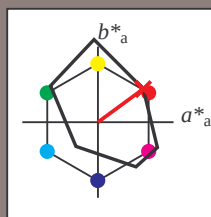
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 35 60 44

$LAB^*LCH^*_Ma$: 35 74 36

$lab^*olv^*_Ma$: 1.0 0.0 0.0

$lab^*rgb^*_Ma$: 1.0 0.16 0.0

triangle lightness t^*

%Gamut

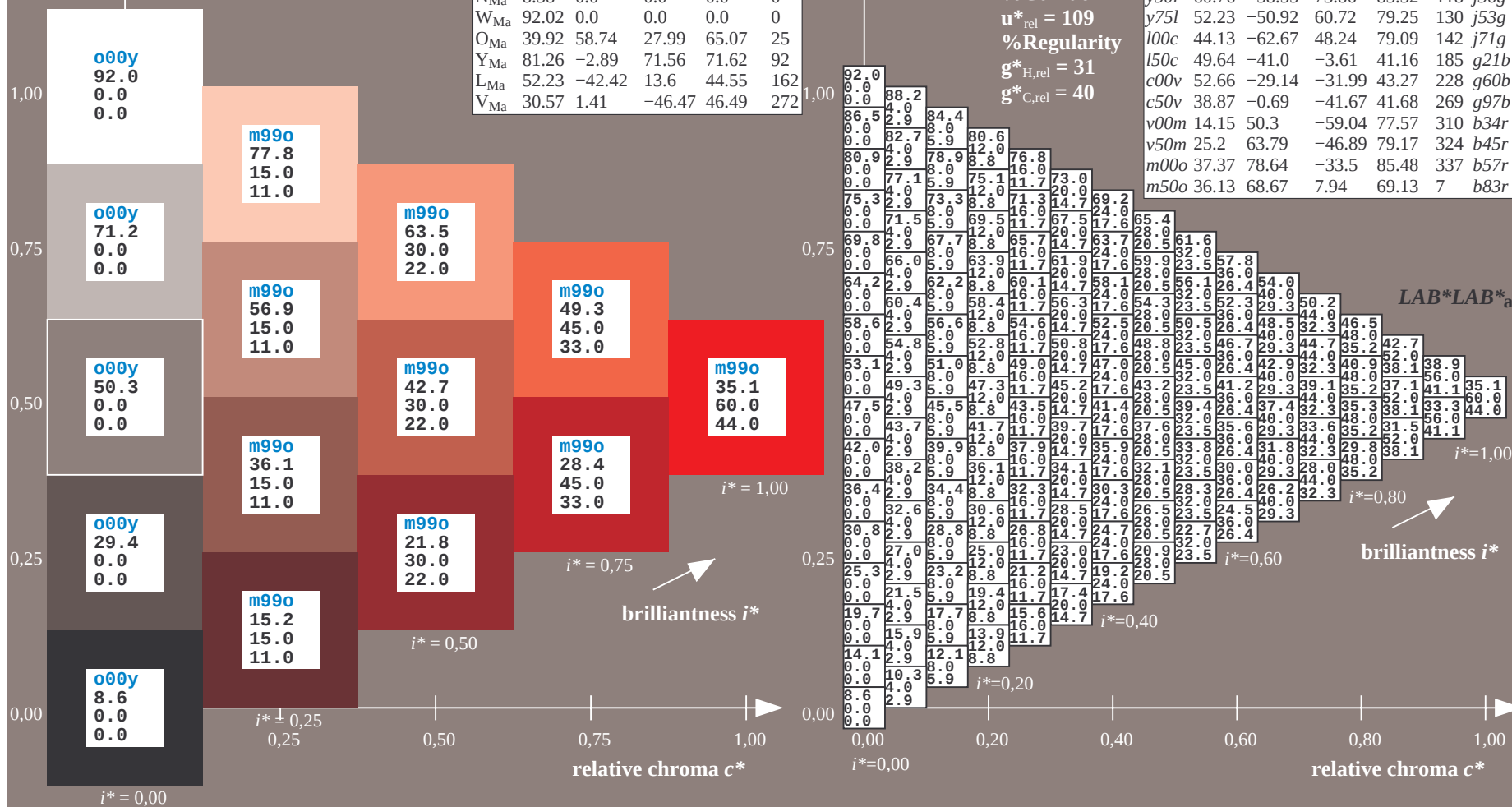
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

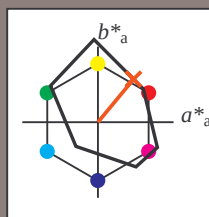
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 47 57

$LAB^*LCH^*_{Ma}$: 45 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

%Gamut

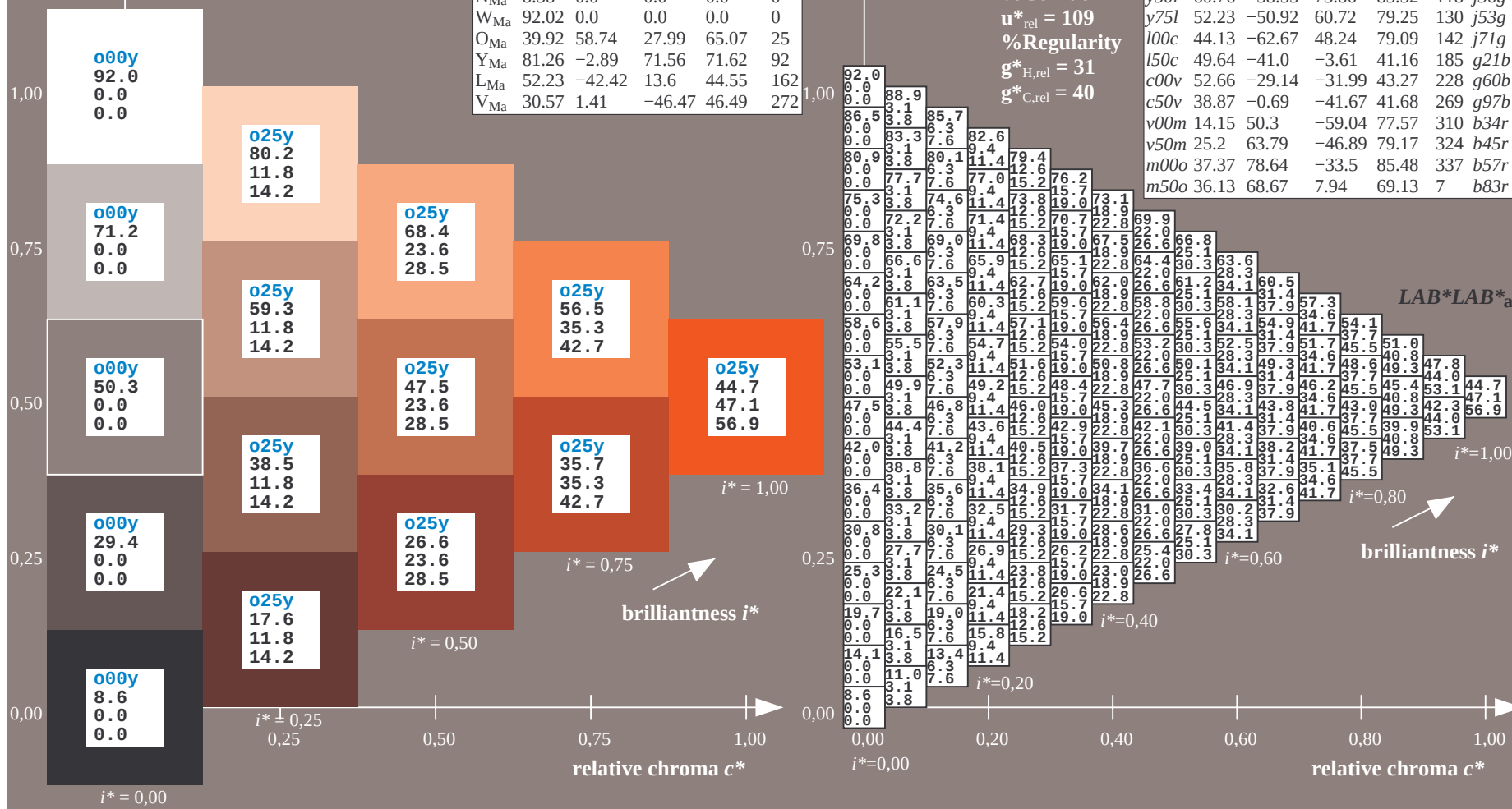
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

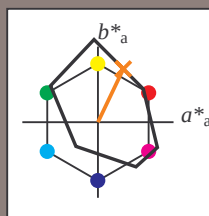
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_Ma$: 55 34 70

$LAB^*LCH^*_Ma$: 55 78 64

$lab^*olv^*_Ma$: 1.0 0.5 0.0

$lab^*rgb^*_Ma$: 1.0 0.58 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

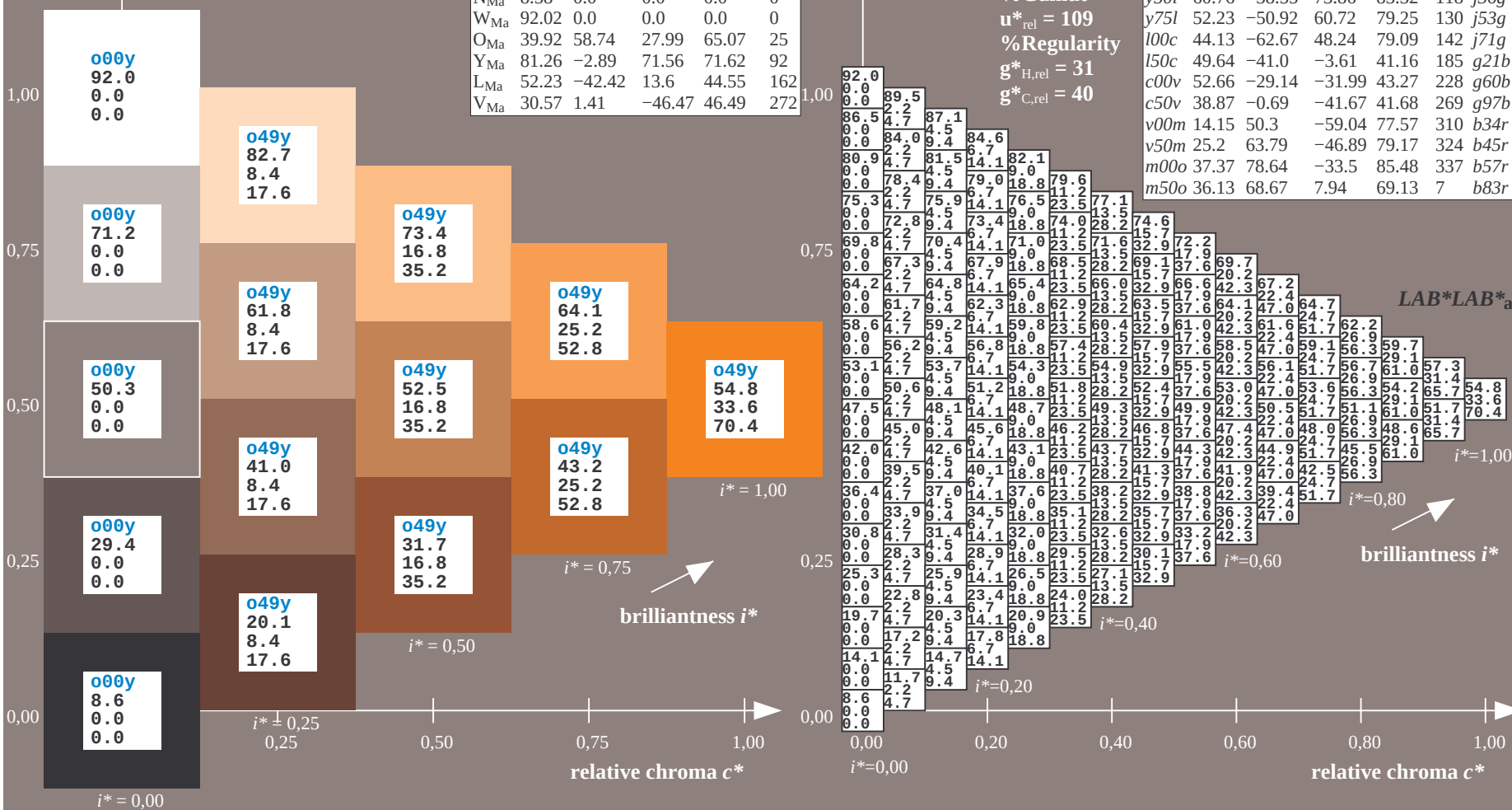
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$ u^*_e

o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

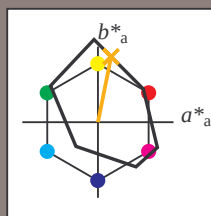
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 17 87

$LAB^*LCH^*_{Ma}$: 67 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = o75y$
 $LAB^*LAB^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

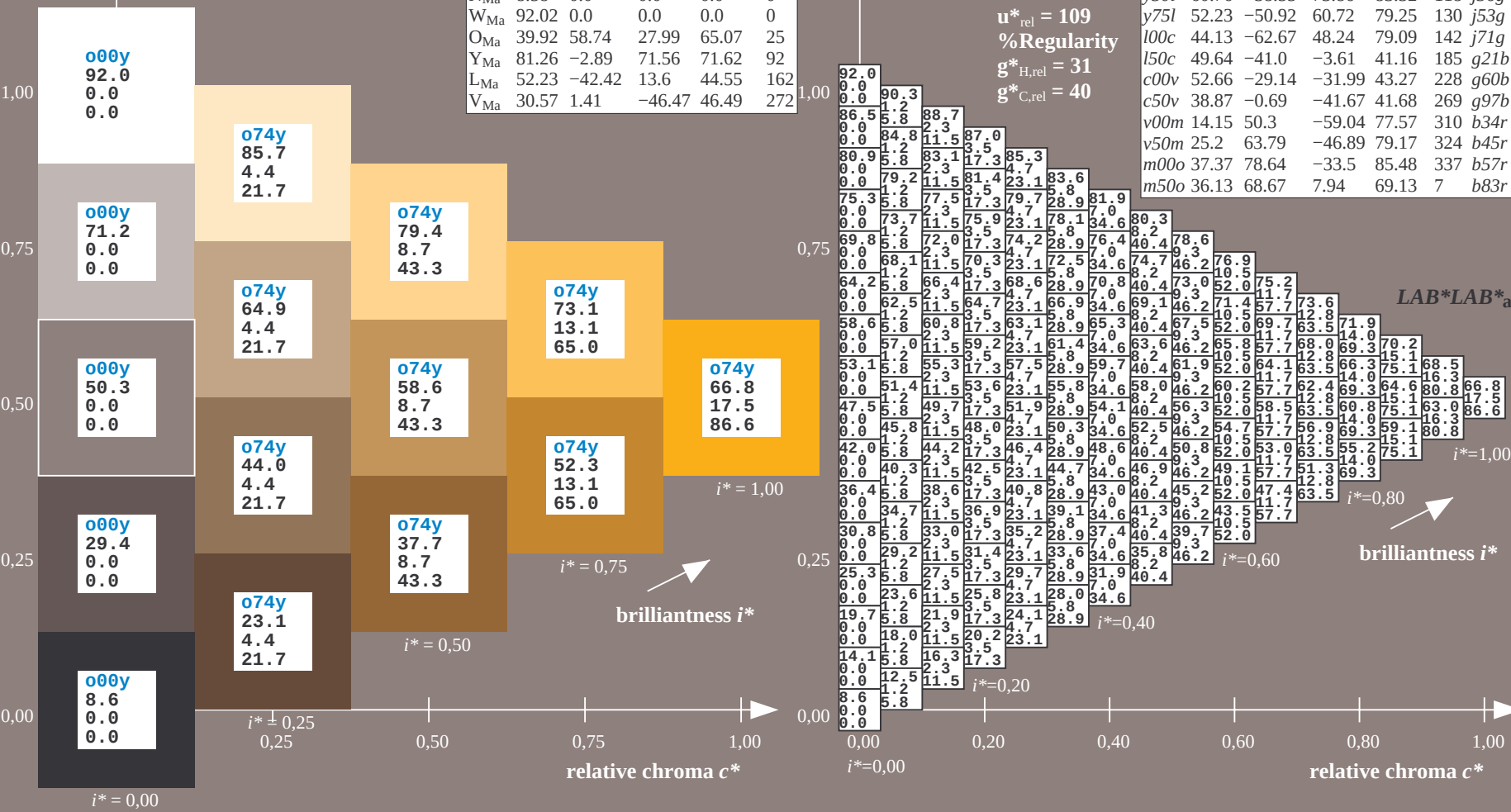
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

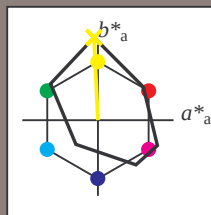
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 84 -5 109

$LAB^*LCH^*_{Ma}$: 84 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = y00l$
 $LAB^*LAB^*_{Ma}$

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

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

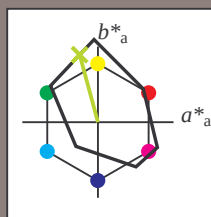
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 71 -24 89

$LAB^*LCH^*_{Ma}$: 71 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

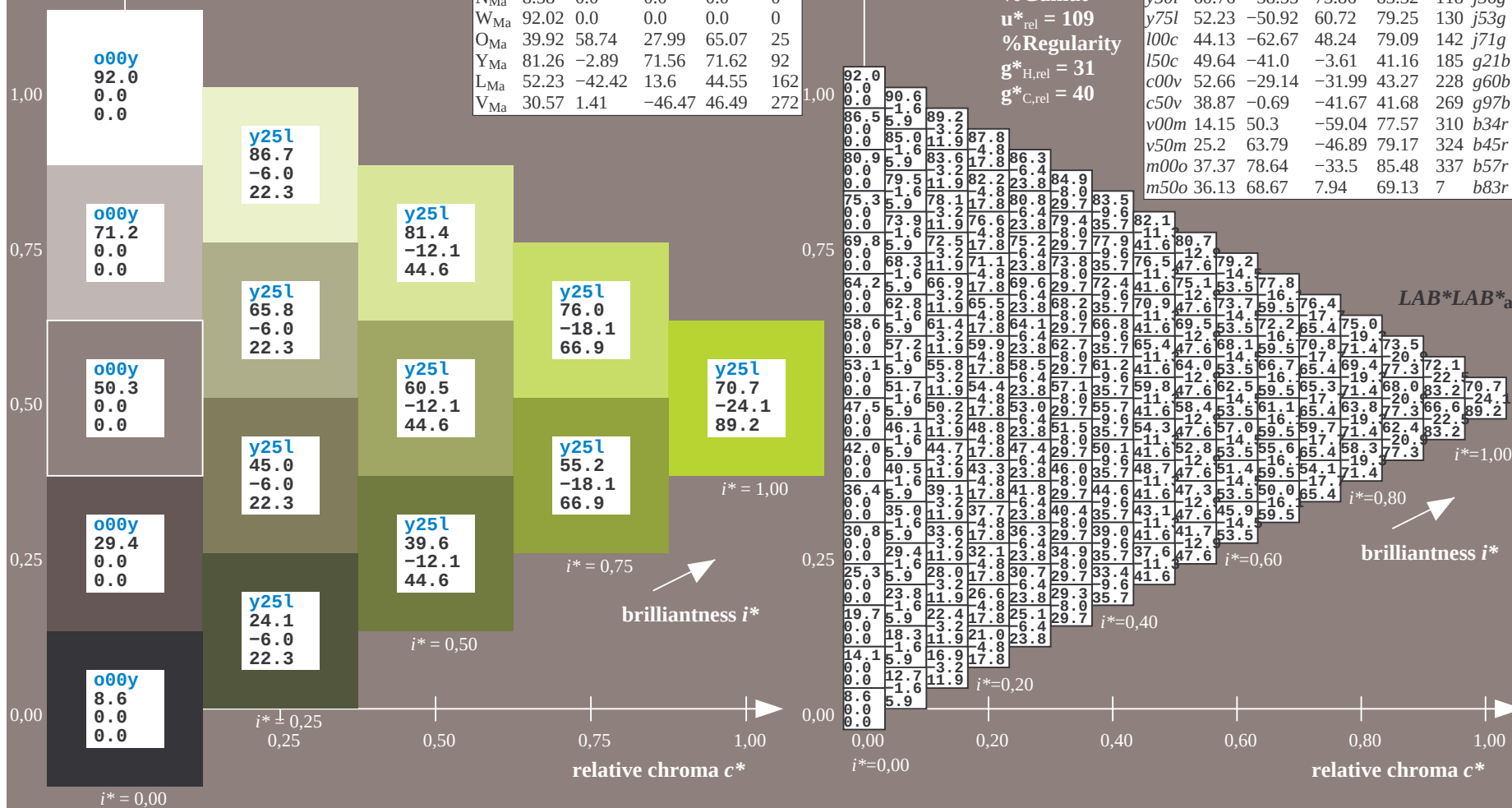
$u^*_{rel} = 109$

%Regularity

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

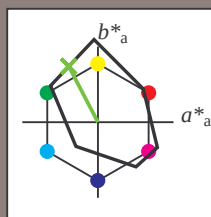
$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = y50l$ $u^*_e = j36g$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 61 -39 74

$LAB^*LCH^*_{Ma}$: 61 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = y50l$
 $LAB^*LAB^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

See for similar files: <http://www.ps.bam.de/Ee62/>; www.ps.bam.de/Ee62/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

BAM registration: 20081001-Ee62/10L/L62E00FP.PS/.PDF BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

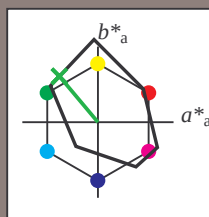
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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 -51 61

$LAB^*LCH^*_{Ma}$: 52 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

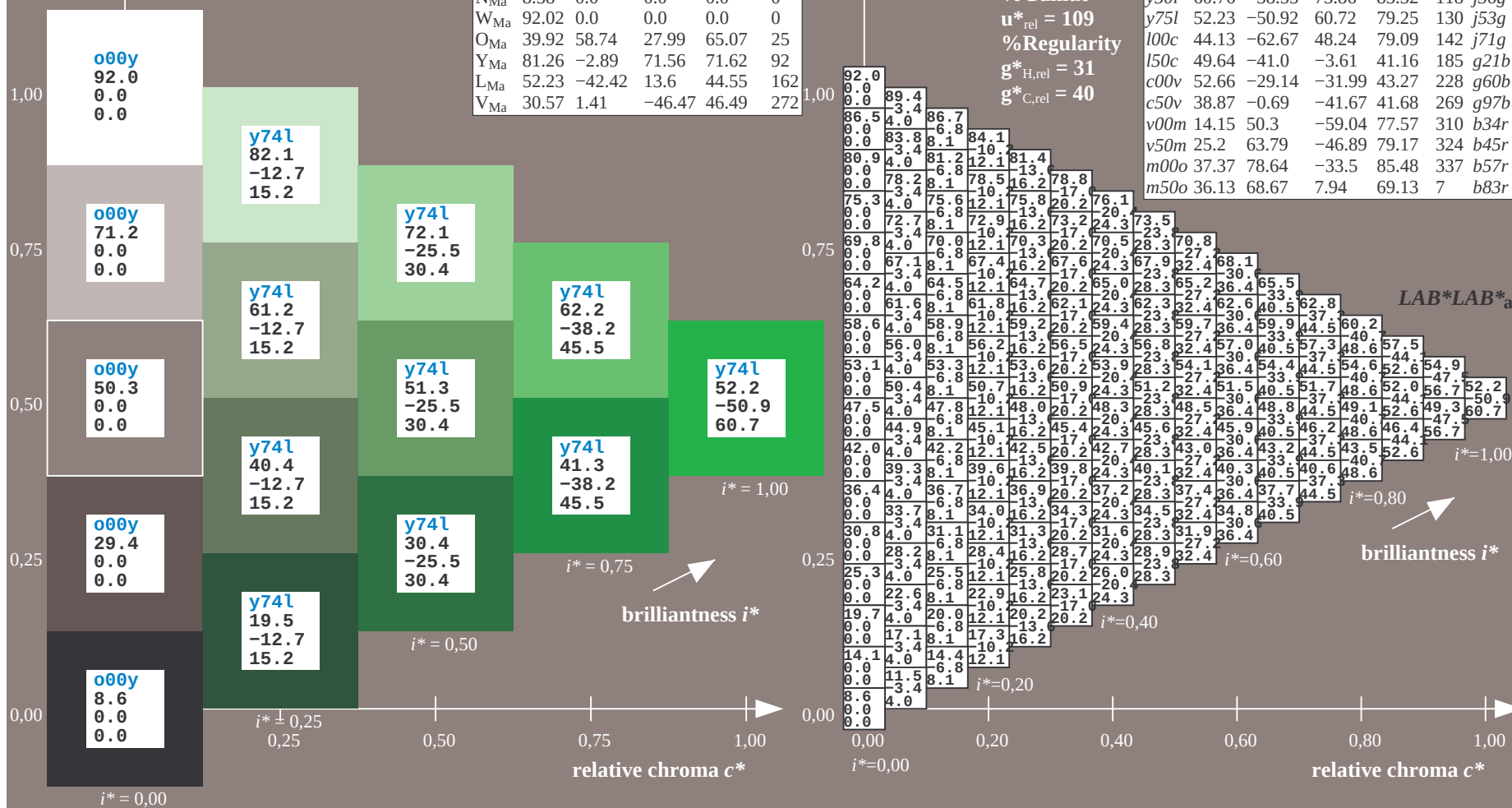
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

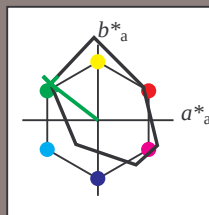
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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 -63 48

$LAB^*LCH^*_{Ma}$: 44 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

%Gamut

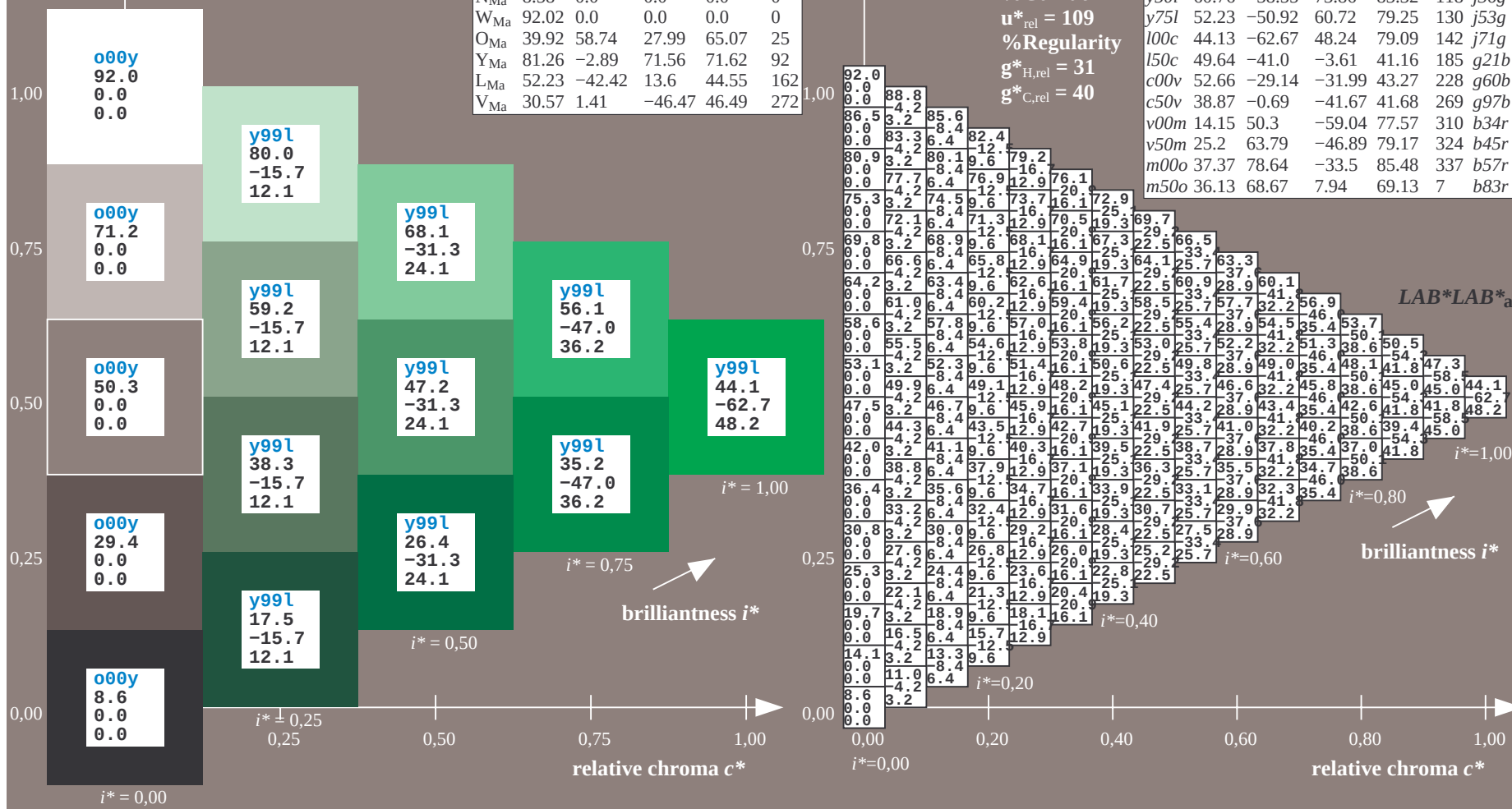
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

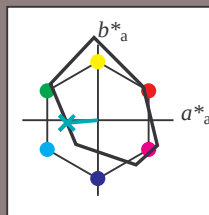
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 50 -41 -4

$LAB^*LCH^*_{Ma}$: 50 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

%Gamut

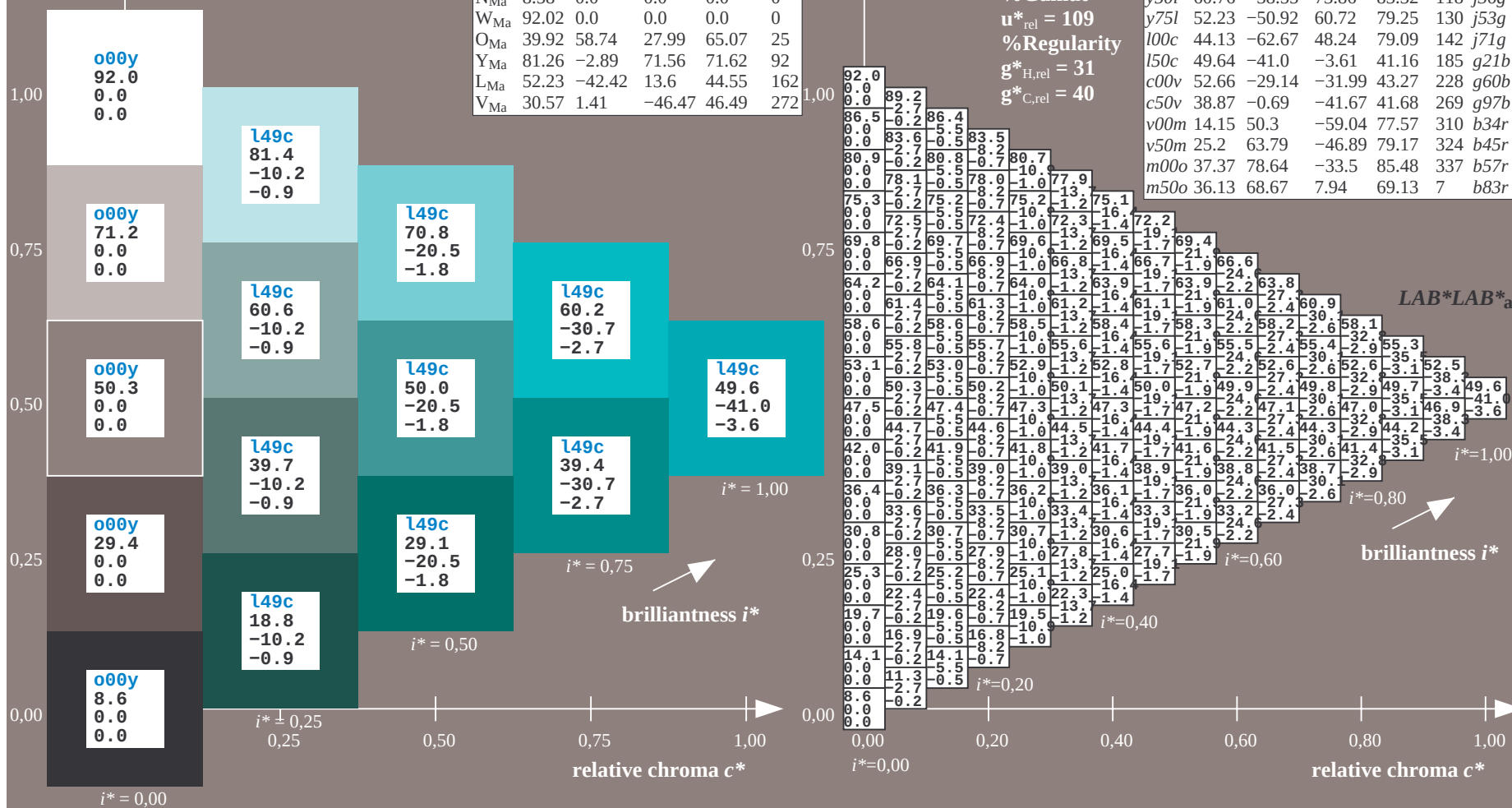
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	35.06	60.0	44.0	74.4	36	r16j	
o25y	44.68	47.13	56.9	73.88	50	r37j	
o50y	54.77	33.62	70.44	78.05	64	r58j	
o75y	66.84	17.48	86.62	88.37	79	r79j	
y00l	83.77	-5.17	109.32	109.44	93	j01g	
y25l	70.71	-24.12	89.19	92.39	105	j18g	
y50l	60.76	-38.55	73.86	83.32	118	j36g	
y75l	52.23	-50.92	60.72	79.25	130	j53g	
l00c	44.13	-62.67	48.24	79.09	142	j71g	
l50c	49.64	-41.0	-3.61	41.16	185	g21b	
c00v	52.66	-29.14	-31.99	43.27	228	g60b	
c50v	38.87	-0.69	-41.67	41.68	269	g97b	
v00m	14.15	50.3	-59.04	77.57	310	b34r	
v50m	25.2	63.79	-46.89	79.17	324	b45r	
m00o	37.37	78.64	-33.5	85.48	337	b57r	
m50o	36.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

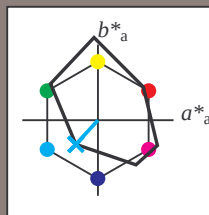
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 53 -29 -32

$LAB^*LCH^*_{Ma}$: 53 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

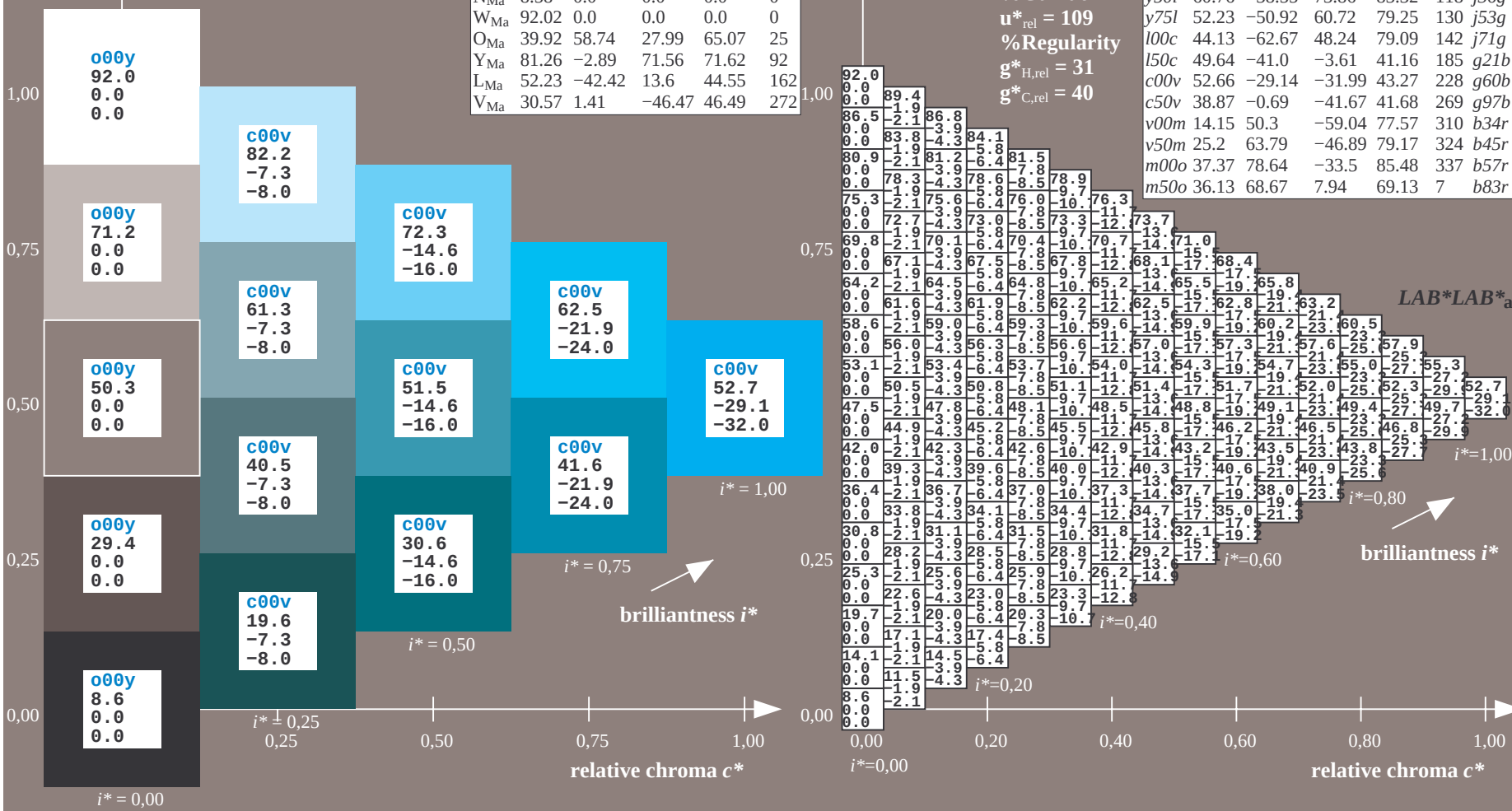
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = c00v$
 $LAB^*LAB^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

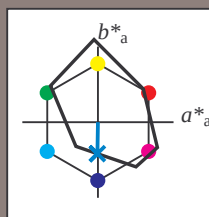
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_Ma$: 39 -1 -42

$LAB^*LCH^*_Ma$: 39 42 269

$lab^*olv^*_Ma$: 0.0 0.5 1.0

$lab^*rgb^*_Ma$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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

$LAB^*LAB^*_a$

brilliantness i^*

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

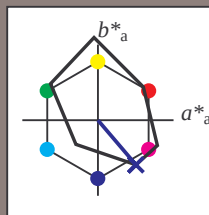
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 14 50 -59

$LAB^*LCH^*_{Ma}$: 14 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

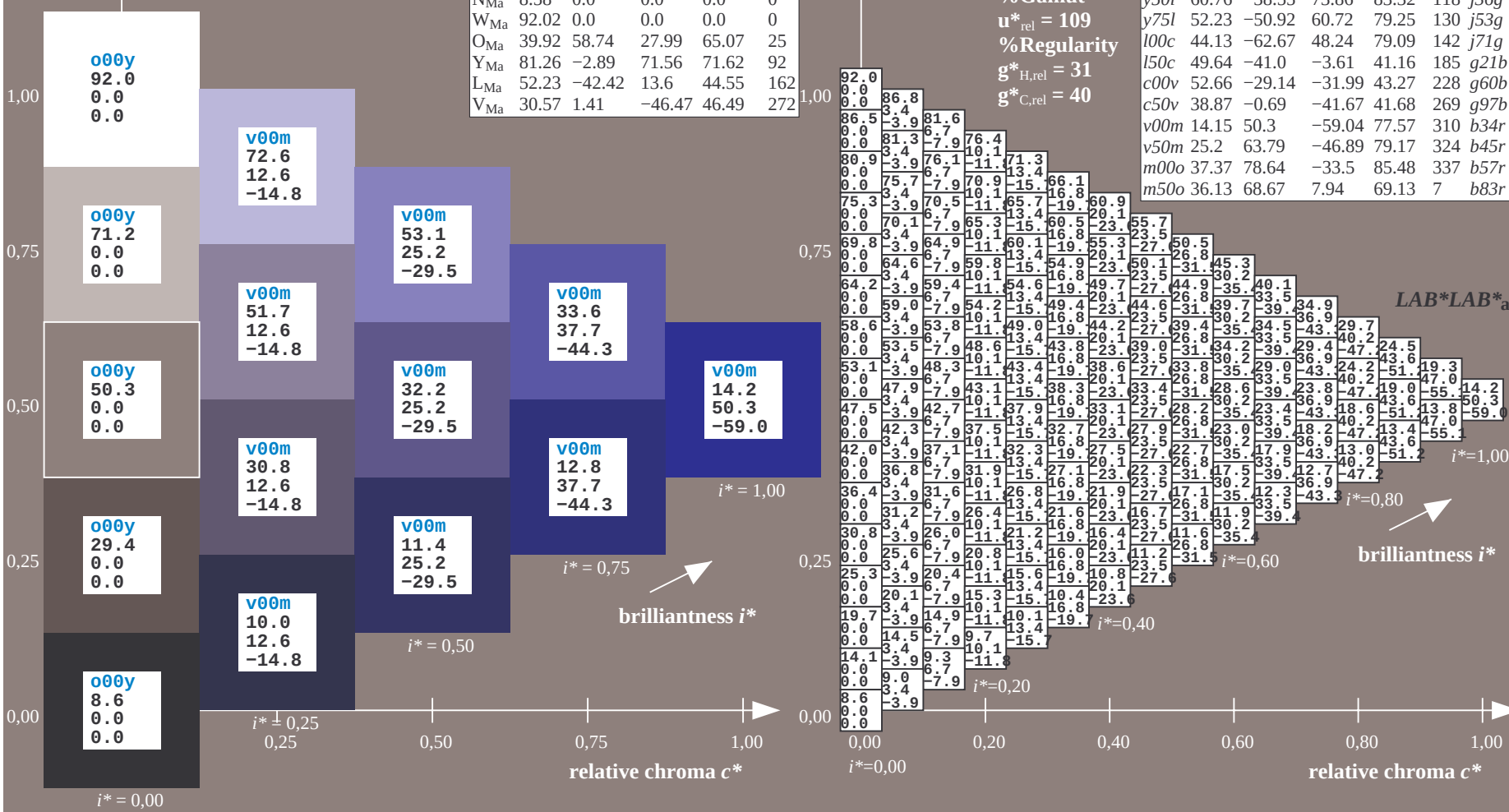
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = v00m$
 $LAB^*LAB^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

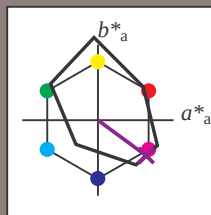
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 25 64 -47

$LAB^*LCH^*_Ma$: 25 79 323

$lab^*olv^*_Ma$: 0.5 0.0 1.0

$lab^*rgb^*_Ma$: 0.91 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

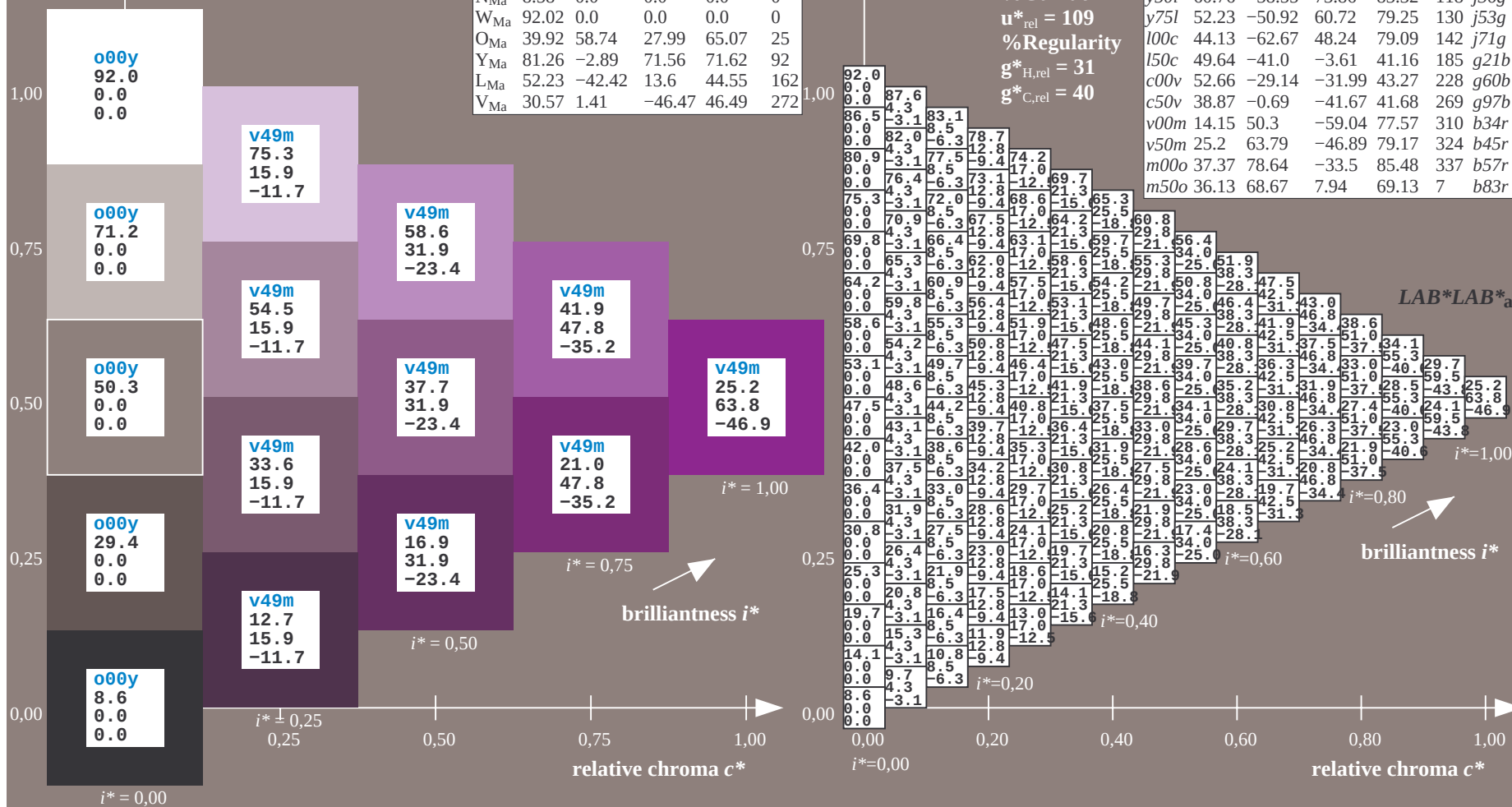
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

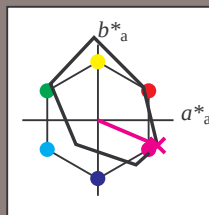
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 37 79 -34

$LAB^*LCH^*_{Ma}$: 37 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

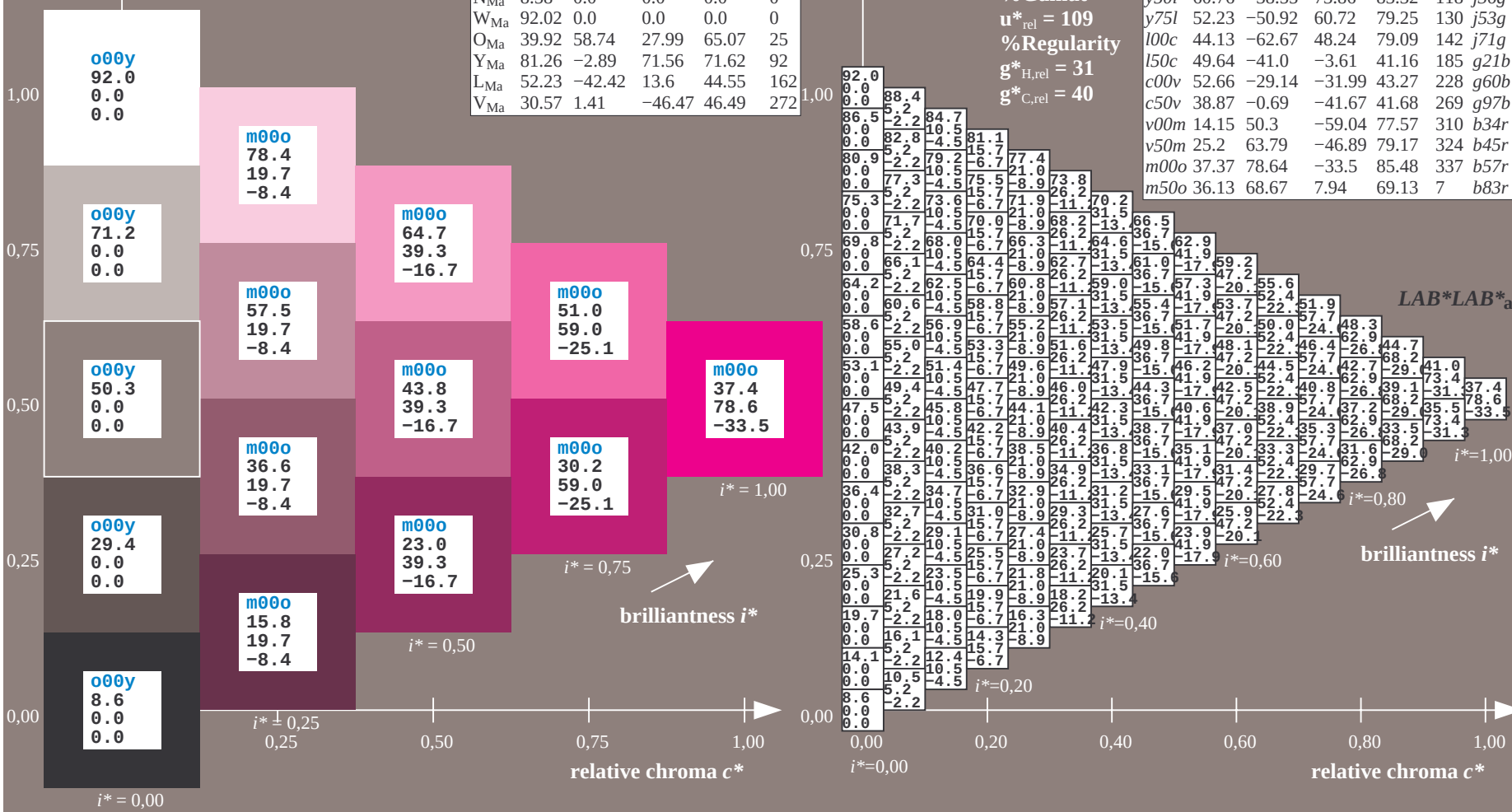
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = m00o$
 $LAB^*LAB^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

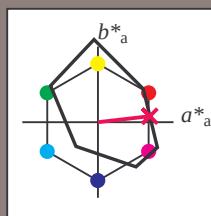
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 36 69 8

$LAB^*LCH^*_{Ma}$: 36 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

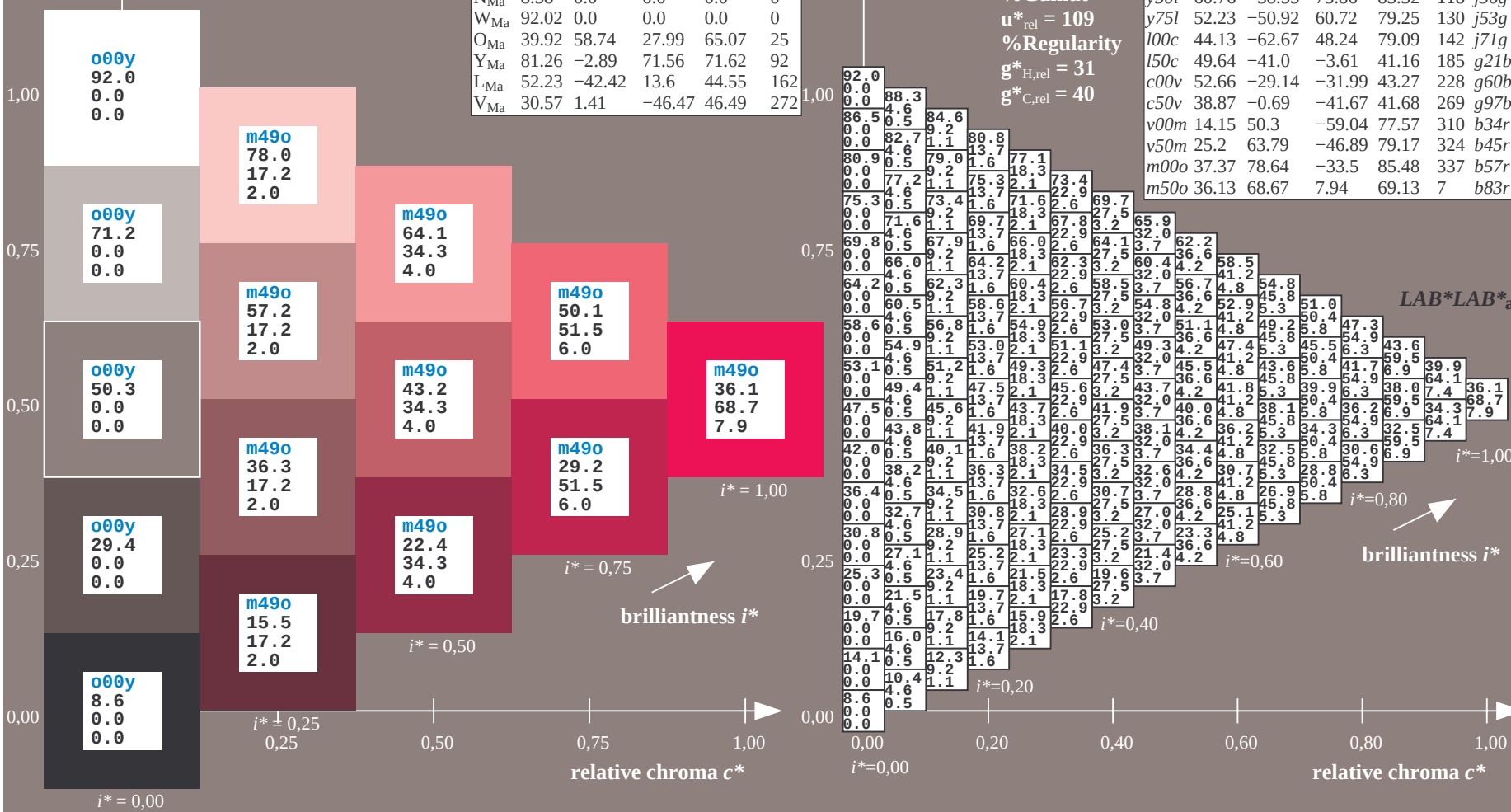
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = m50o$
 $LAB^*LAB^*_{Ma}$



See for similar files: <http://www.ps.bam.de/Ee62/>; www.ps.bam.de/Ee62/
Technical information: <http://www.ps.bam.de/Version 2.1, io=1, CIELAB, ColSpx=0>

BAM registration: 20081001-Ee62/10L/L62E00FP.PS/.PDF
application for evaluation and measurement of printer or monitor systems

BAM material: code=rhdata

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
01	8.6	13.0	17.5	21.9	26.4	30.8	35.2	39.7	44.1	48.5	52.9	57.3	61.7	66.1	70.5	74.9	79.3	83.7	88.1	92.5	96.9	101.3	105.7	110.1	114.5	118.9	123.3	127.7	132.1	136.5	140.9	145.3	149.7	154.1	158.5	162.9	167.3	171.7	176.1	180.5	184.9	189.3	193.7	198.1	202.5	206.9	211.3	215.7	220.1	224.5	228.9	233.3	237.7	242.1	246.5	250.9	255.3	259.7	264.1	268.5	272.9	277.3	281.7	286.1	290.5	294.9	299.3	303.7	308.1	312.5	316.9	321.3	325.7	330.1	334.5	338.9	343.3	347.7	352.1	356.5	360.9	365.3	369.7	374.1	378.5	382.9	387.3	391.7	396.1	400.5	404.9	409.3	413.7	418.1	422.5	426.9	431.3	435.7	440.1	444.5	448.9	453.3	457.7	462.1	466.5	470.9	475.3	479.7	484.1	488.5	492.9	497.3	501.7	506.1	510.5	514.9	519.3	523.7	528.1	532.5	536.9	541.3	545.7	550.1	554.5	558.9	563.3	567.7	572.1	576.5	580.9	585.3	589.7	594.1	598.5	602.9	607.3	611.7	616.1	620.5	624.9	629.3	633.7	638.1	642.5	646.9	651.3	655.7	660.1	664.5	668.9	673.3	677.7	682.1	686.5	690.9	695.3	699.7	704.1	708.5	712.9	717.3	721.7	726.1	730.5	734.9	739.3	743.7	748.1	752.5	756.9	761.3	765.7	770.1	774.5	778.9	783.3	787.7	792.1	796.5	800.9	805.3	809.7	814.1	818.5	822.9	827.3	831.7	836.1	840.5	844.9	849.3	853.7	858.1	862.5	866.9	871.3	875.7	880.1	884.5	888.9	893.3	897.7	902.1	906.5	910.9	915.3	919.7	924.1	928.5	932.9	937.3	941.7	946.1	950.5	954.9	959.3	963.7	968.1	972.5	976.9	981.3	985.7	990.1	994.5	998.9	1003.3	1007.7	1012.1	1016.5	1020.9	1025.3	1029.7	1034.1	1038.5	1042.9	1047.3	1051.7	1056.1	1060.5	1064.9	1069.3	1073.7	1078.1	1082.5	1086.9	1091.3	1095.7	1099.3	1103.7	1108.1	1112.5	1116.9	1121.3	1125.7	1130.1	1134.5	1138.9	1143.3	1147.7	1152.1	1156.5	1160.9	1165.3	1169.7	1174.1	1178.5	1182.9	1187.3	1191.7	1196.1	1200.5	1204.9	1209.3	1213.7	1218.1	1222.5	1226.9	1231.3	1235.7	1240.1	1244.5	1248.9	1253.3	1257.7	1262.1	1266.5	1270.9	1275.3	1279.7	1284.1	1288.5	1292.9	1297.3	1301.7	1306.1	1310.5	1314.9	1319.3	1323.7	1328.1	1332.5	1336.9	1341.3	1345.7	1350.1	1354.5	1358.9	1363.3	1367.7	1372.1	1376.5	1380.9	1385.3	1389.7	1394.1	1398.5	1402.9	1407.3	1411.7	1416.1	1420.5	1424.9	1429.3	1433.7	1438.1	1442.5	1446.9	1451.3	1455.7	1460.1	1464.5	1468.9	1473.3	1477.7	1482.1	1486.5	1490.9	1495.3	1499.7	1504.1	1508.5	1512.9	1517.3	1521.7	1526.1	1530.5	1534.9	1539.3	1543.7	1548.1	1552.5	1556.9	1561.3	1565.7	1570.1	1574.5	1578.9	1583.3	1587.7	1592.1	1596.5	1600.9	1605.3	1609.7	1614.1	1618.5	1622.9	1627.3	1631.7	1636.1	1640.5	1644.9	1649.3	1653.7	1658.1	1662.5	1666.9	1671.3	1675.7	1680.1	1684.5	1688.9	1693.3	1697.7	1702.1	1706.5	1710.9	1715.3	1719.7	1724.1	1728.5	1732.9	1737.3	1741.7	1746.1	1750.5	1754.9	1759.3	1763.7	1768.1	1772.5	1776.9	1781.3	1785.7	1790.1	1794.5	1798.9	1803.3	1807.7	1812.1	1816.5	1820.9	1825.3	1829.7	1834.1	1838.5	1842.9	1847.3	1851.7	1856.1	1860.5	1864.9	1869.3	1873.7	1878.1	1882.5	1886.9	1891.3	1895.7	1899.3	1903.7	1908.1	1912.5	1916.9	1921.3	1925.7	1930.1	1934.5	1938.9	1943.3	1947.7	1952.1	1956.5	1960.9	1965.3	1969.7	1974.1	1978.5	1982.9	1987.3	1991.7	1996.1	2000.5	2004.9	2009.3	2013.7	2018.1	2022.5	2026.9	2031.3	2035.7	2040.1	2044.5	2048.9	2053.3	2057.7	2062.1	2066.5	2070.9	2075.3	2079.7	2084.1	2088.5	2092.9	2097.3	2101.7	2106.1	2110.5	2114.9	2119.3	2123.7	2128.1	2132.5	2136.9	2141.3	2145.7	2150.1	2154.5	2158.9	2163.3	2167.7	2172.1	2176.5	2180.9	2185.3	2189.7	2194.1	2198.5	2202.9	2207.3	2211.7	2216.1	2220.5	2224.9	2229.3	2233.7	2238.1	2242.5	2246.9	2251.3	2255.7	2260.1	2264.5	2268.9	2273.3	2277.7	2282.1	2286.5	2290.9	2295.3	2299.7	2304.1	2308.5	2312.9	2317.3	2321.7	2326.1	2330.5	2334.9	2339.3	2343.7	2348.1	2352.5	2356.9	2361.3	2365.7	2370.1	2374.5	2378.9	2383.3	2387.7	2392.1	2396.5	2400.9	2405.3	2409.7	2414.1	2418.5	2422.9	2427.3	2431.7	2436.1	2440.5	2444.9	2449.3	2453.7	2458.1	2462.5	2466.9	2471.3	2475.7	2480.1	2484.5	2488.9	2493.3	2497.7	2502.1	2506.5	2510.9	2515.3	2519.7	2524.1	2528.5	2532.9	2537.3	2541.7	2546.1	2550.5	2554.9	2559.3	2563.7	2568.1	2572.5	2576.9	2581.3	2585.7	2590.1	2594.5	2598.9	2603.3	2607.7	2612.1	2616.5	2620.9	2625.3	2629.7	2634.1	2638.5	2642.9	2647.3	2651.7	2656.1	2660.5	2664.9	2669.3	2673.7	2678.1	2682.5	2686.9	2691.3	2695.7	2700.1	2704.5	2708.9	2713.3	2717.7	2722.1	2726.5	2730.9	2735.3	2739.7	2744.1	2748.5	2752.9	2757.3	2761.7	2766.1	2770.5	2774.9	2779.3	2783.7	2788.1	2792.5	2796.9	2801.3	2805.7	2810.1	2814.5	2818.9	2823.3	2827.7	2832.1	2836.5	2840.9	2845.3	2849.7	2854.1	2858.5	2862.9	2867.3	2871.7	2876.1	2880.5	2884.9	2889.3	2893.7	2898.1	2902.5	2906.9	2911.3	2915.7	2920.1	2924.5	2928.9	2933.3	2937.7	2942.1	2946.5	2950.9	2955.3	2959.7	2964.1	2968.5	2972.9	2977.3	2981.7	2986.1	2990.5	2994.9	2999.3	3003.7	3008.1	3012.5	3016.9	3021.3	3025.7	3030.1	3034.5	3038.9	3043.3	3047.7	3052.1	3056.5	3060.9	3065.3	3069.7	3074.1	3078.5	3082.9	3087.3	3091.7	3096.1	3100.5	3104.9	3109.3	3113.7	3118.1	3122.5	3126.9	3131.3	3135.7	3140.1	3144.5	3148.9	3153.3	3157.7	3162.1	3166.5	3170.9	3175.3	3179.7	3184.1	3188.5	3192.9	3197.3	3201.7	3206.1	3210.5	3214.9	3219.3	3223.7	3228.1	3232.5	3236.9	3241.3	3245.7	3250.1	3254.5	3258.9	3263.3	3267.7	3272.1	3276.5	3280.9	3285.3	3289.7	3294.1	3298.5	3302.9	3307.3	3311.7	3316.1	3320.5	3324.9	3329.3	3333.7	3338.1	3342.5	3346.9	3351.3	3355.7	3360.1	3364.5	3368.9	3373.3	3377.7	3382.1	3386.5	3390.9	3395.3	3399.7	3404.1	3408.5	3412.9	3417.3	3421.7	3426.1	3430.5	3434.9	3439.3	3443.7	3448.1	3452.5	3456.9	3461.3	3465.7	3470.1	3474.5	3478.9	3483.3	3487.7	3492.1	3496.5	3500.9	3505.3	3509.7	3514.1	3518.5	3522.9	3527.3	3531.7	3536.1	3540.5	3544.9	3549.3	3553.7	3558.1	3562.5	3566.9	3571.3	3575.7	3580.1	3584.5	3588.9	3593.3	3597.7	3602.1	3606.5	3610.9	3615.3	3619.7	3624.1	3628.5	3632.9	3637.3	3641.7	3646.1	3650.5	3654.9	3659.3	3663.7	3668.1	3672.5	3676.9	3681.3	3685.7	3690.1	3694.5	3698.9	3703.3	3707.7	3712.1	3716.5	3720.9	3725.3	3729.7	3734.1	3738.5	3742.9	3747.3	3751.7	3756.1	3760.5	3764.9	3769.3	3773.7	3778.1	3782.5	3786.9	3791.3	3795.7	3800.1	3804.5	3808.9	3813.3	3817.7	3822.1	3826.5	3830.9	3835.3	3839.7	3844.1	3848.5	3852.9	3857.3	3861.7	3866.1	3870.5	3874.9	3879.3	3883.7	3888.1	3892.5	3896.9	3901.3	3905.7	3910.1	3914.5	3918.9	3923.3	3927.7	3932.1	3936.5	3940.9	3945.3	3949.7	3954.1	3958.5	3962.9	3967.3	3971.7	3976.1	3980.5	3984.9	3989.3	3993.7	3998.1	4002.5	4006.9	4011.3	4015.7	4020.1	4024.5	4028.9	4033.3	4037.7	4042.1	4046.5	4050.9	4055.3	4059.7	4064.1	4068.5

Input and output:

Colorimetric Printer Reflective System FRS09_92aM
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

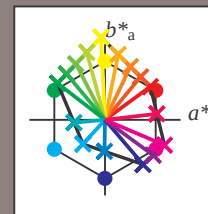
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 1.0$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	-5.17	109.32	109.44	93
L_{Ma}	44.13	-62.67	48.24	79.09	142
C_{Ma}	52.66	-29.14	-31.99	43.27	228
V_{Ma}	14.15	50.3	-59.04	77.57	310
M_{Ma}	37.37	78.64	-33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

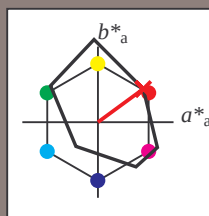
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 60 44

$LAB^*LCH^*_{Ma}$: 35 74 36

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

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

triangle lightness t^*

%Gamut

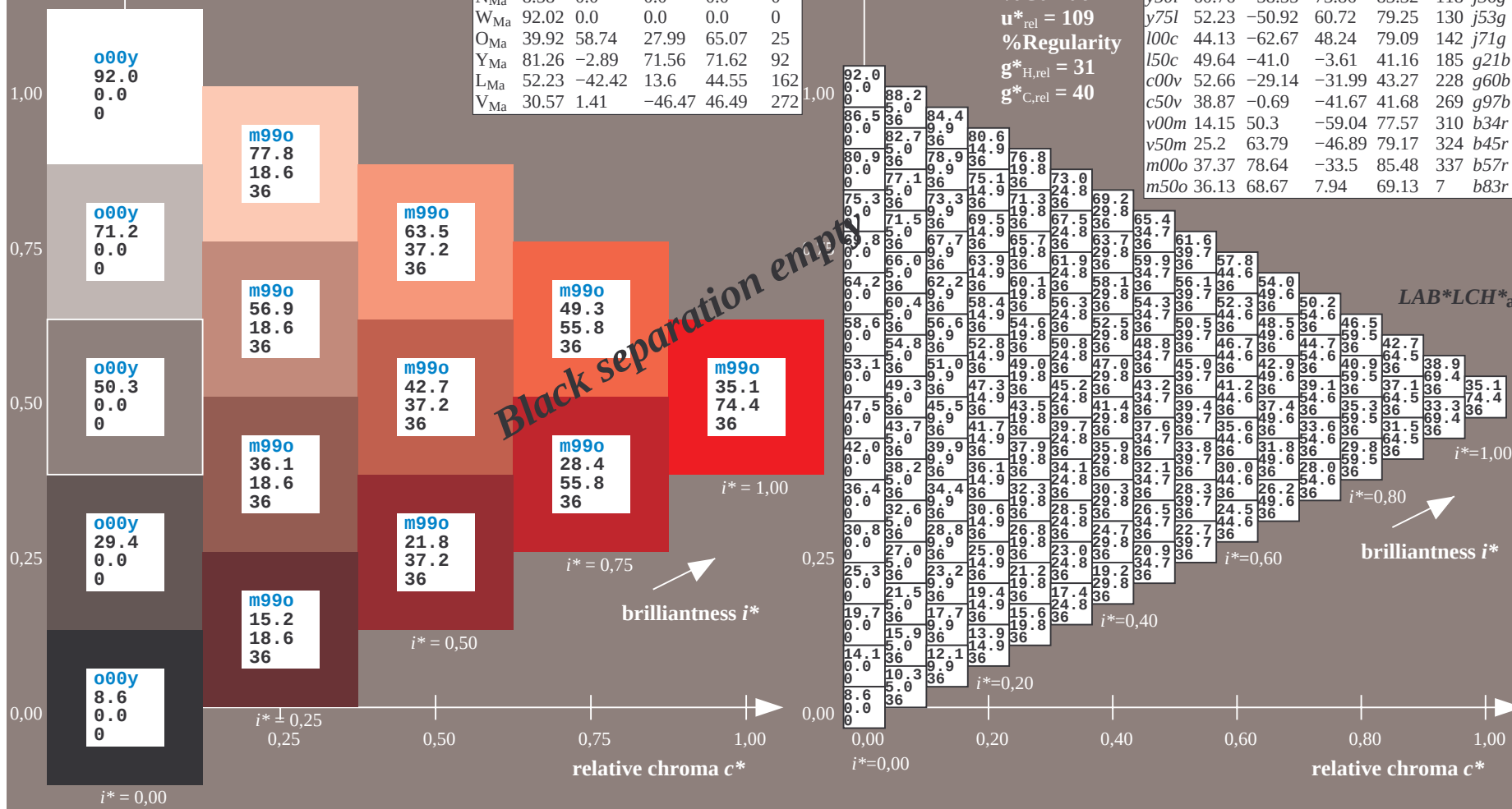
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

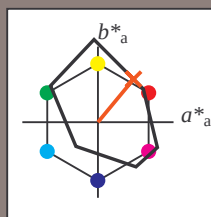
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 47 57

$LAB^*LCH^*_{Ma}$: 45 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = o25y$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

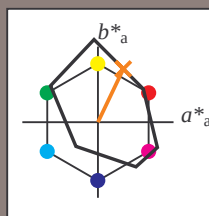
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	35.06	60.0	44.0	74.4	36	r16j
Y _{Ma}	83.77	-5.17	109.32	109.44	93	r37j
L _{Ma}	44.13	-62.67	48.24	79.09	142	r58j
C _{Ma}	52.66	-29.14	-31.99	43.27	228	r79j
V _{Ma}	14.15	50.3	-59.04	77.57	310	j01g
M _{Ma}	37.37	78.64	-33.5	85.48	337	j18g
N _{Ma}	8.58	0.0	0.0	0.0	0	j36g
W _{Ma}	92.02	0.0	0.0	0.0	0	j53g
O _{Ma}	39.92	58.74	27.99	65.07	25	j71g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g21b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g60b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g97b

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 34 70

$LAB^*LCH^*_{Ma}$: 55 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = o50y$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

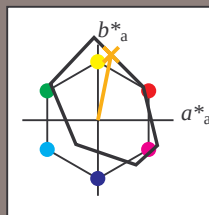
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 17 87

$LAB^*LCH^*_{Ma}$: 67 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

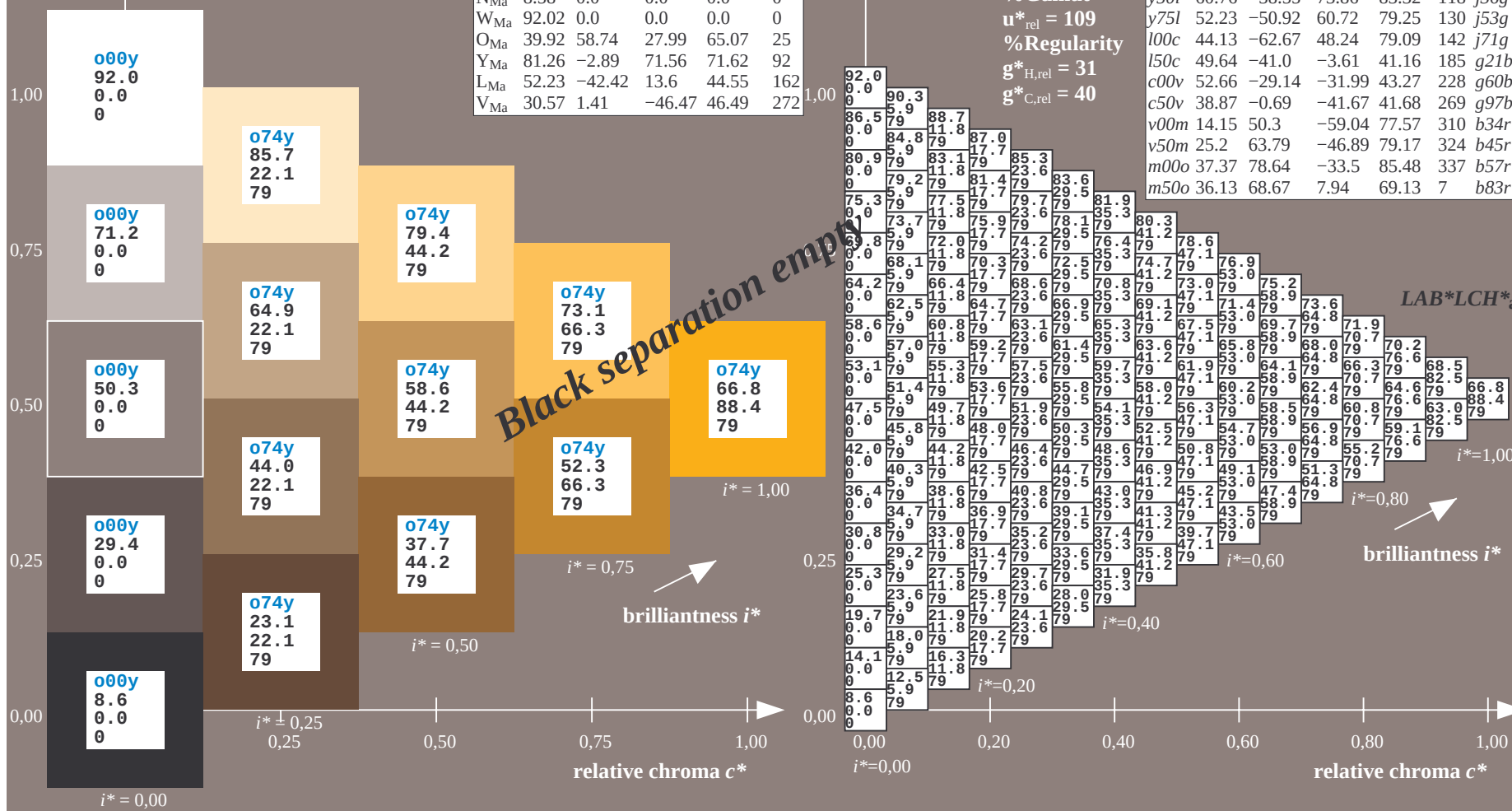
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = o75y$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

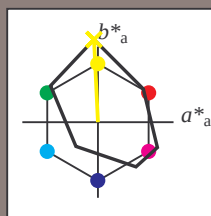
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 84 -5 109

$LAB^*LCH^*_{Ma}$: 84 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = y00l$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

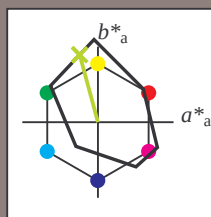
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 71 -24 89

$LAB^*LCH^*_{Ma}$: 71 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

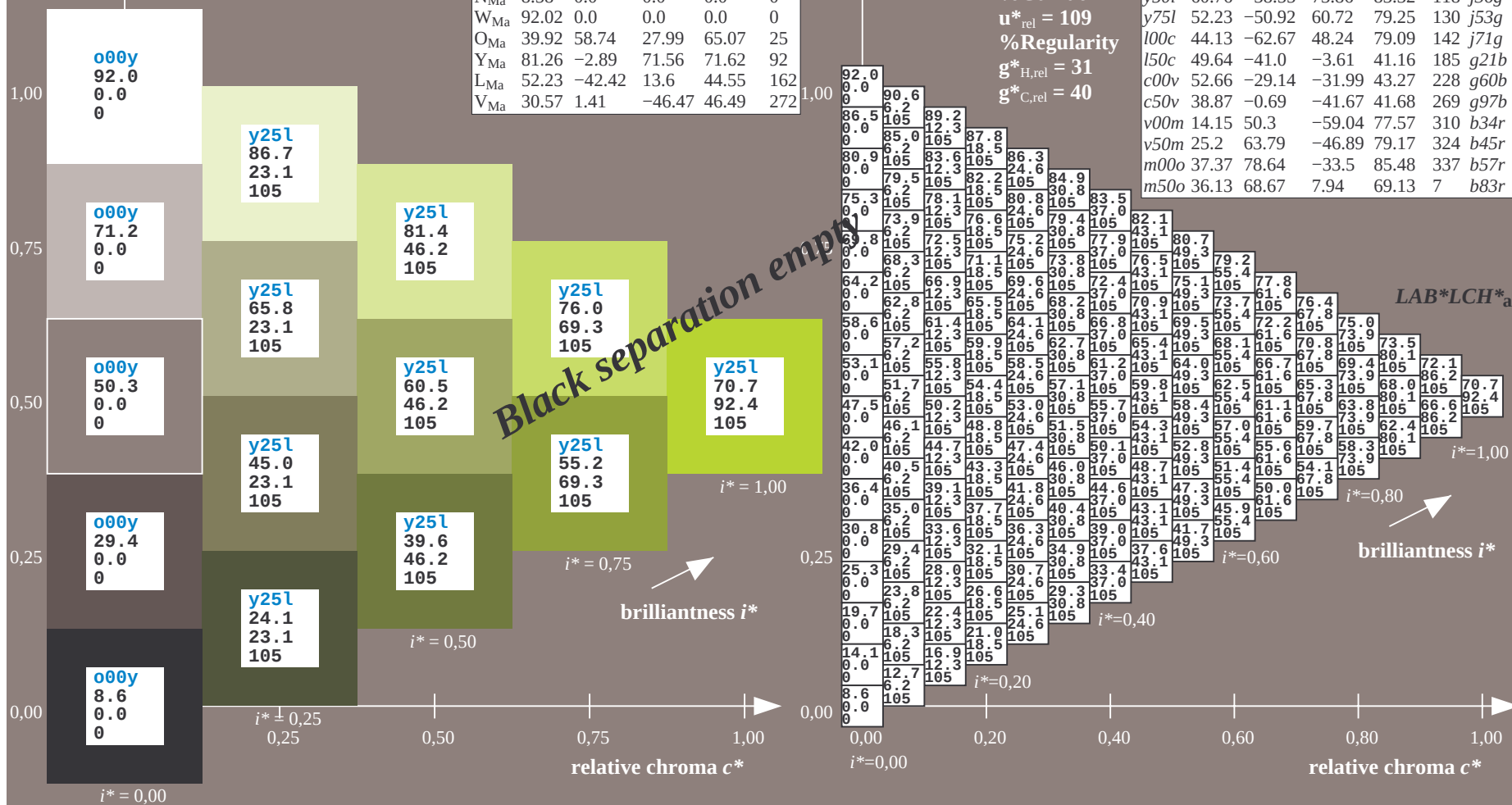
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = y25l$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$
data for any colour:

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

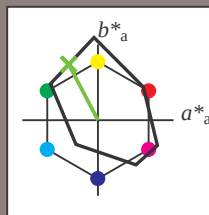
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	35.06	60.0	44.0	74.4	36	r16j
Y _{Ma}	83.77	-5.17	109.32	109.44	93	r37j
L _{Ma}	44.13	-62.67	48.24	79.09	142	r58j
C _{Ma}	52.66	-29.14	-31.99	43.27	228	r79j
V _{Ma}	14.15	50.3	-59.04	77.57	310	j01g
M _{Ma}	37.37	78.64	-33.5	85.48	337	j18g
N _{Ma}	8.58	0.0	0.0	0.0	0	j36g
W _{Ma}	92.02	0.0	0.0	0.0	0	j53g
O _{Ma}	39.92	58.74	27.99	65.07	25	j71g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g21b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g60b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g97b

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 61 -39 74

$LAB^*LCH^*_{Ma}$: 61 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

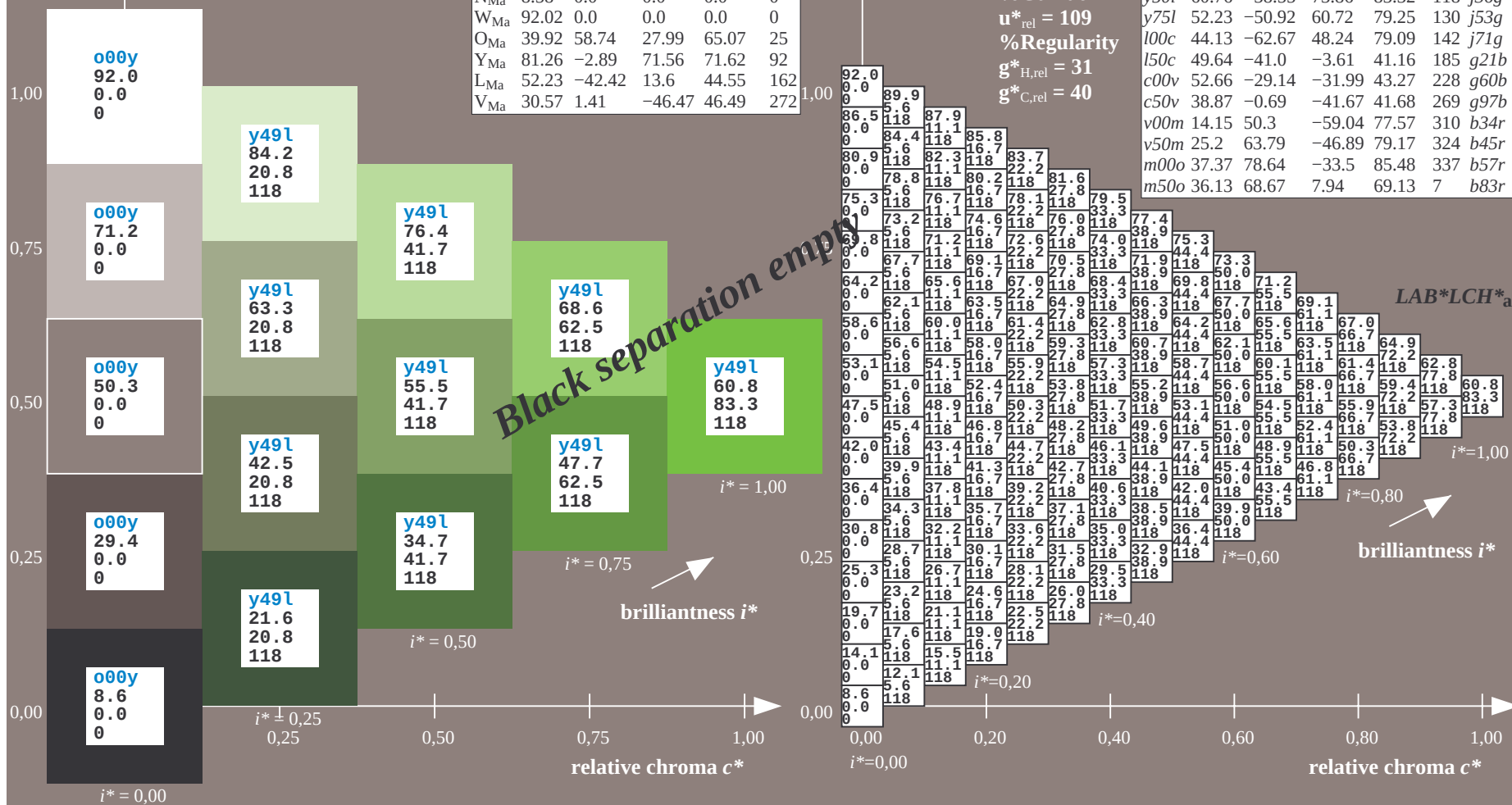
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = y50l$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

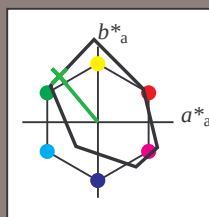
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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 -51 61

$LAB^*LCH^*_{Ma}$: 52 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

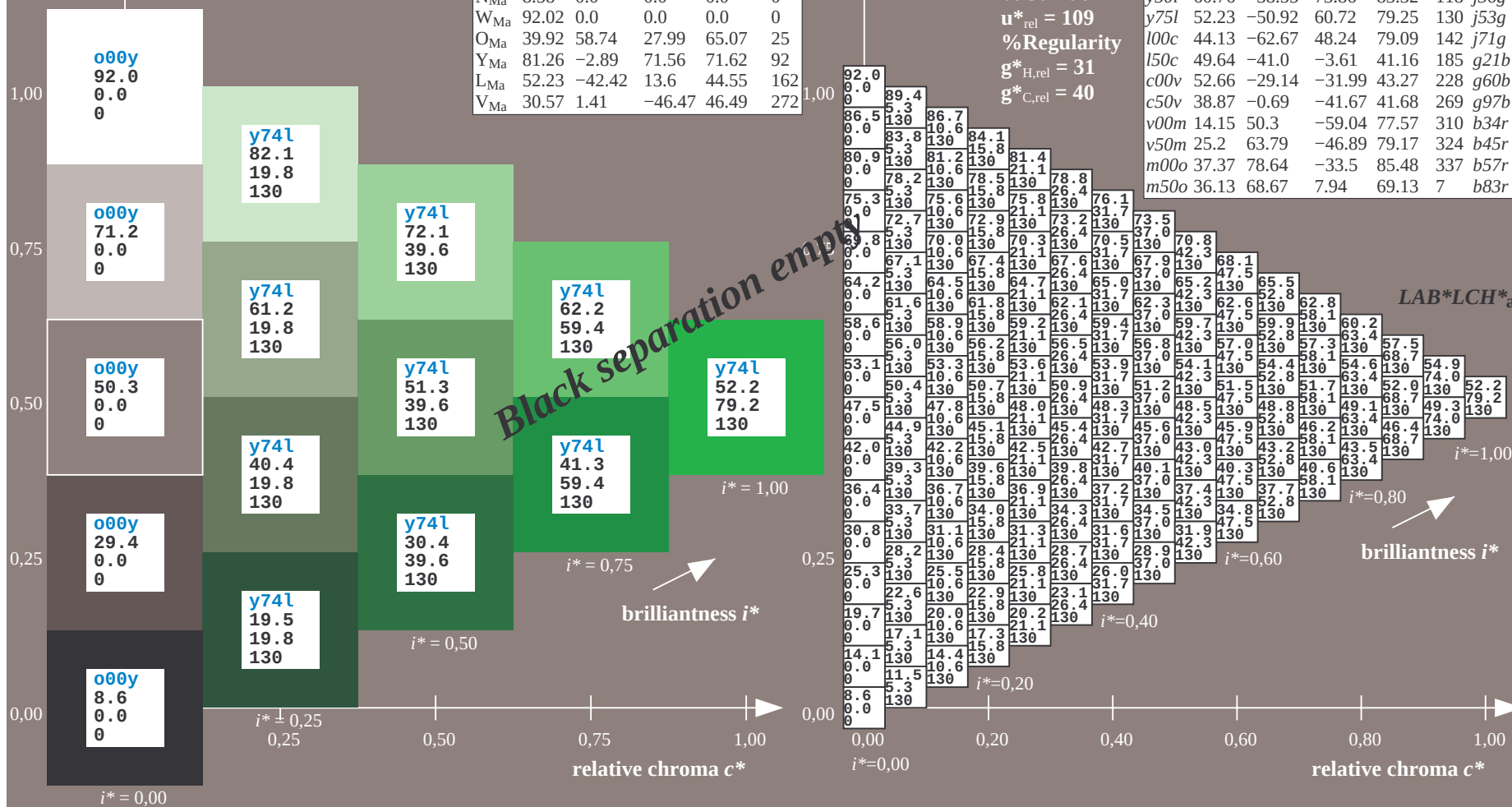
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = y75l$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

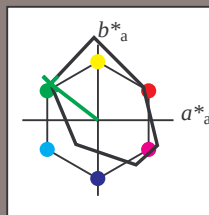
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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 -63 48

$LAB^*LCH^*_{Ma}$: 44 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

%Gamut

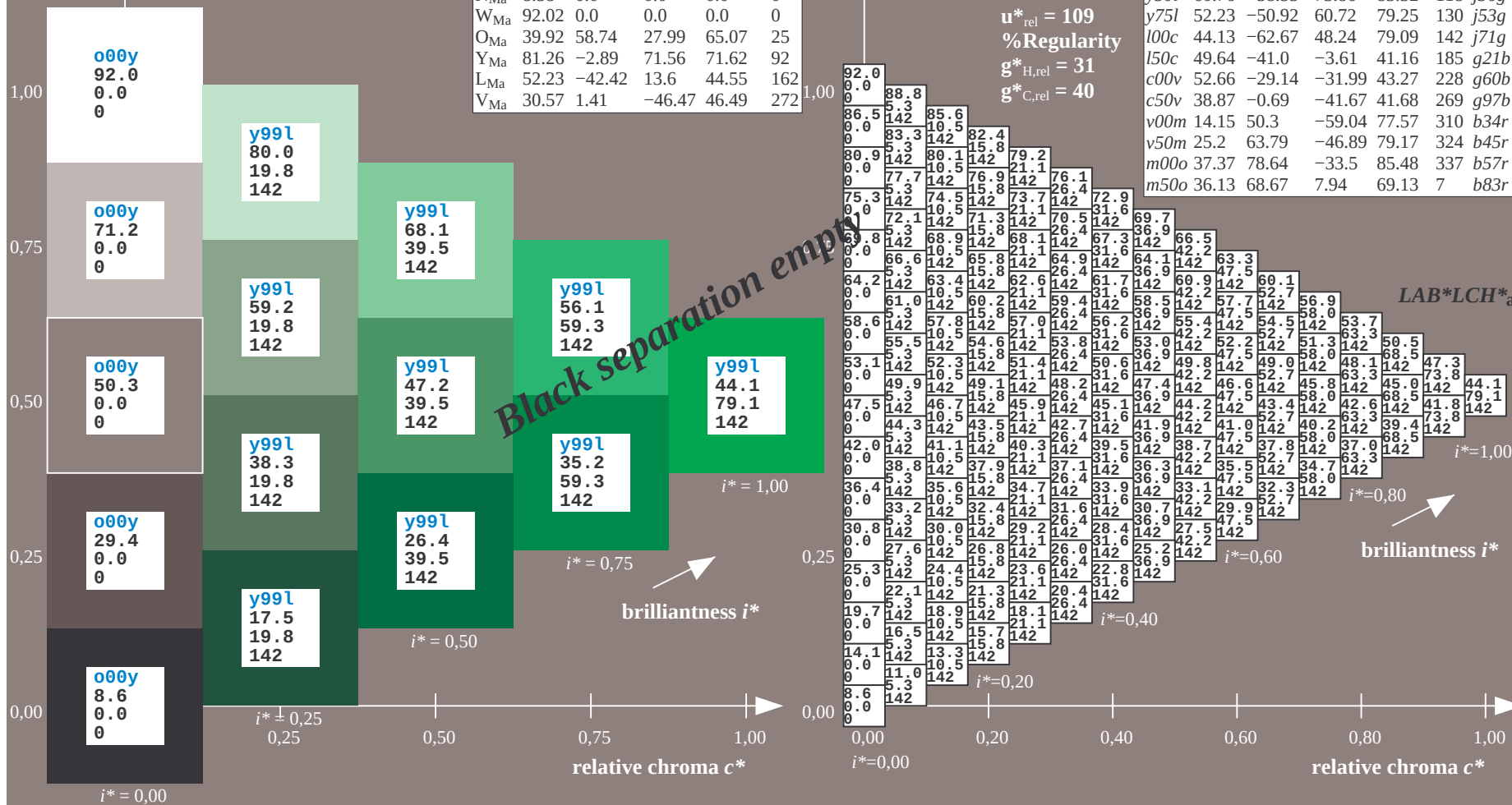
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

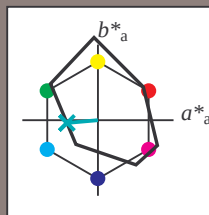
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 50 -41 -4

$LAB^*LCH^*_{Ma}$: 50 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

%Gamut

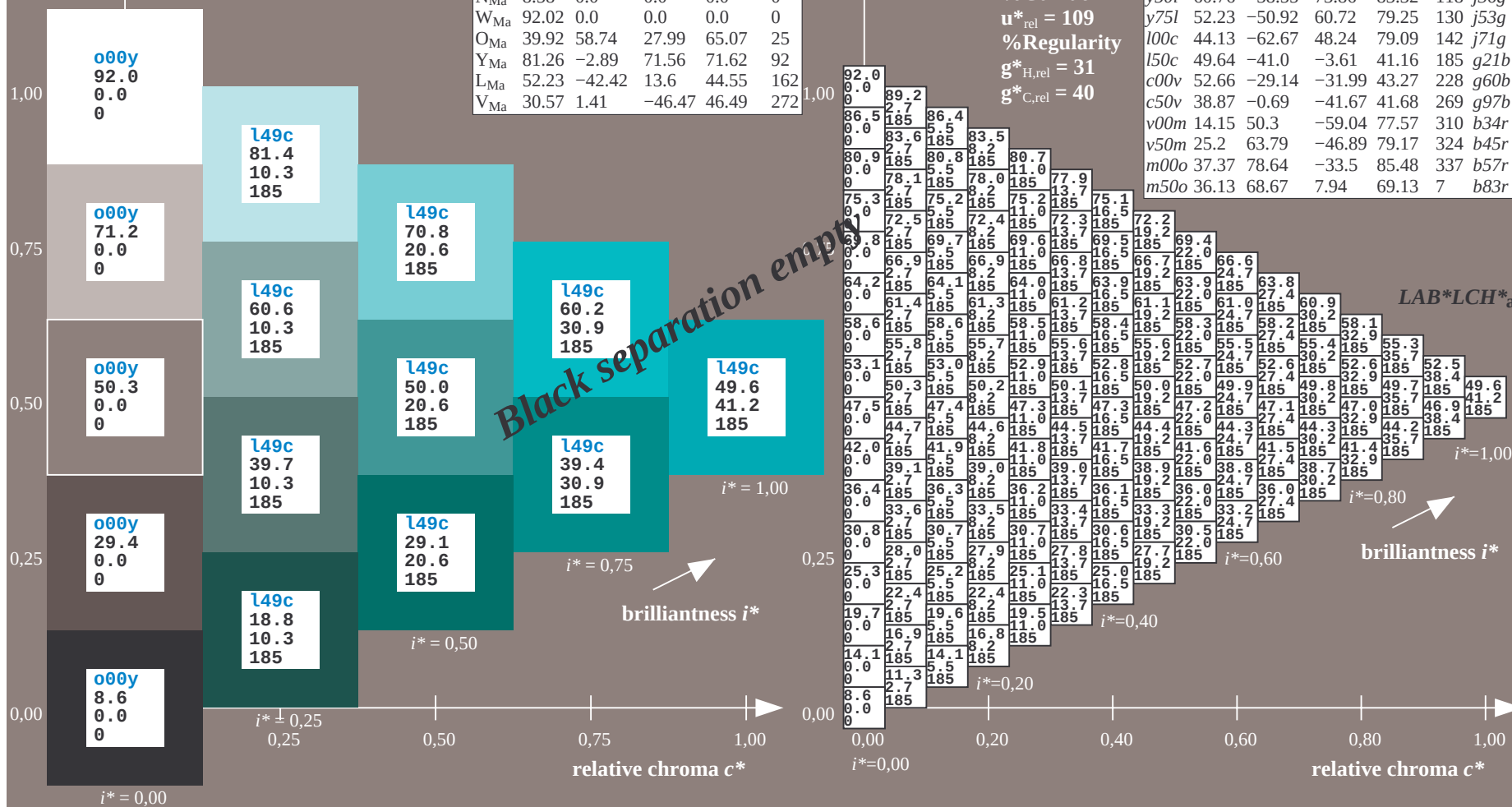
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

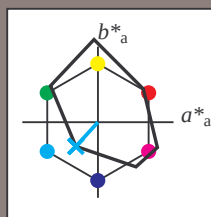
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 53 -29 -32

$LAB^*LCH^*_{Ma}$: 53 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

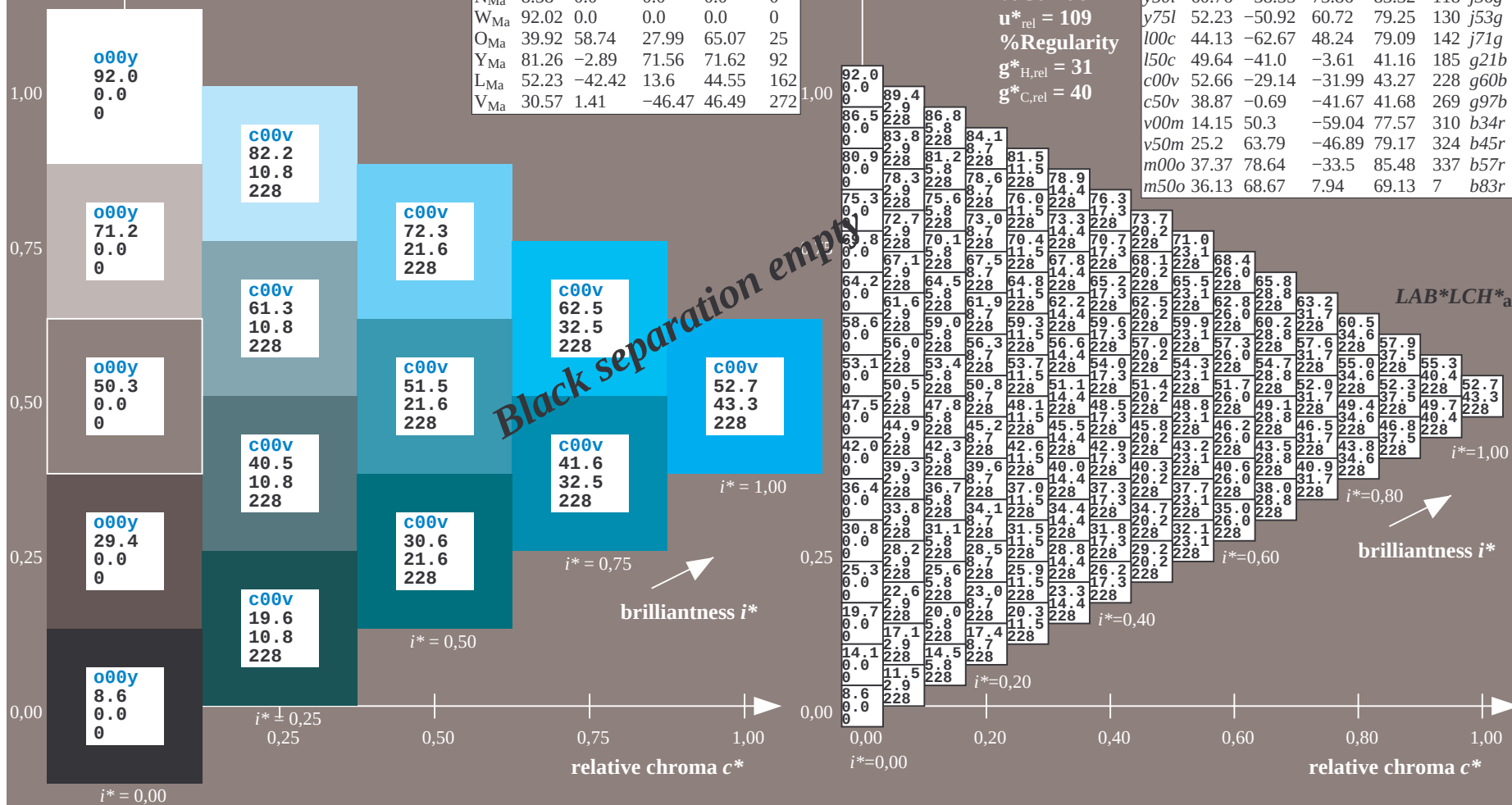
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = c00v$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

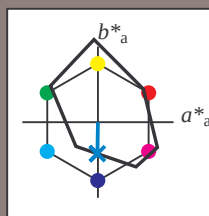
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 39 -1 -42

$LAB^*LCH^*_{Ma}$: 39 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

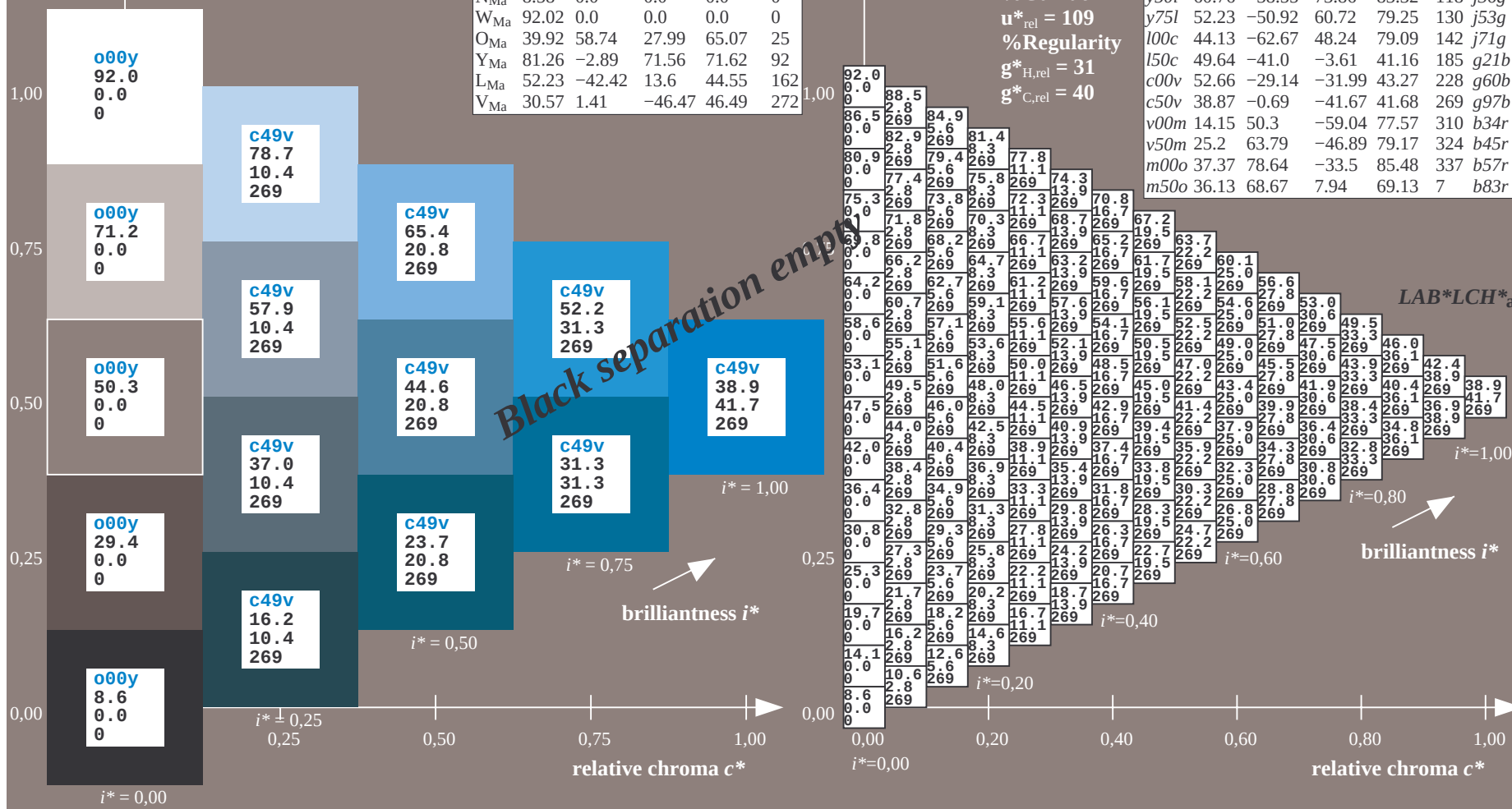
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = c50v$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

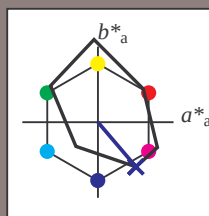
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 14 50 -59

$LAB^*LCH^*_{Ma}$: 14 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

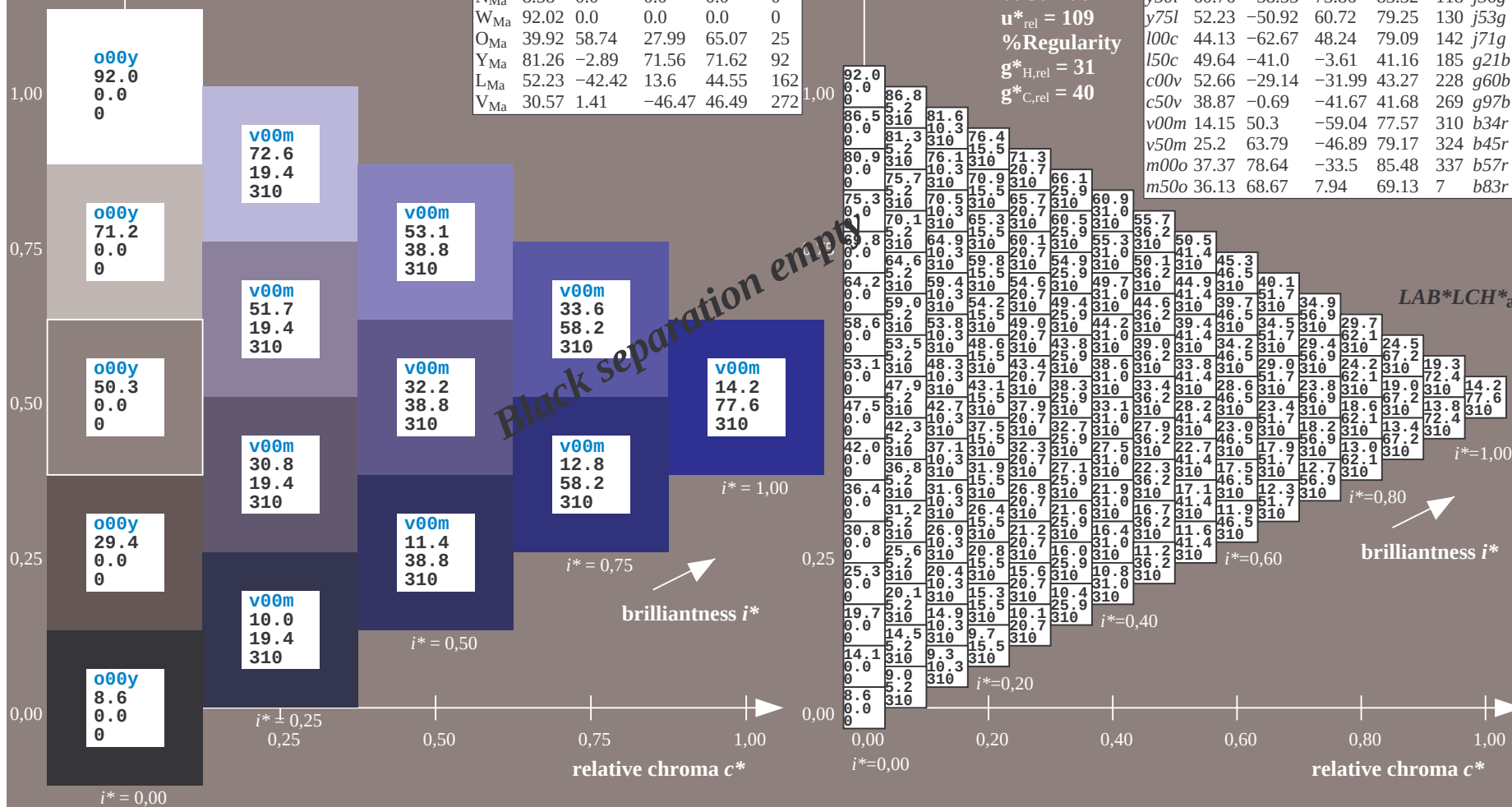
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = v00m$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

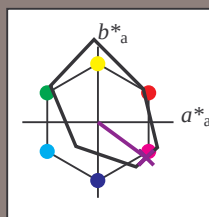
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 25 64 -47

$LAB^*LCH^*_{Ma}$: 25 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

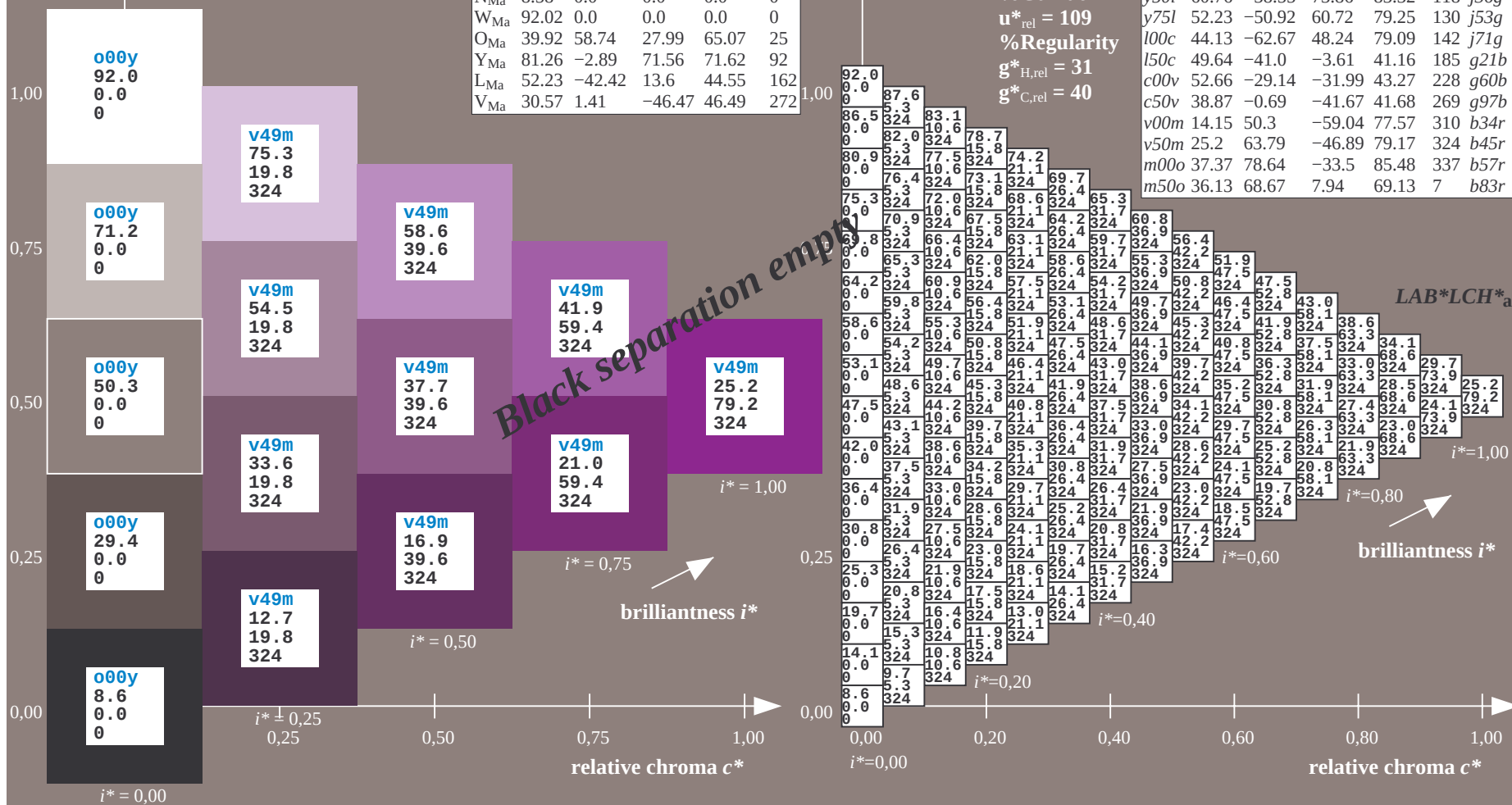
%Regularity

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

$g^*_{C,rel} = 40$

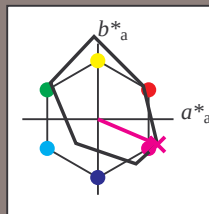
FRS09_92aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = v50m$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$
data for any colour:

lab^*tch^* and lab^*icu^*
Hue texts:
 $u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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	

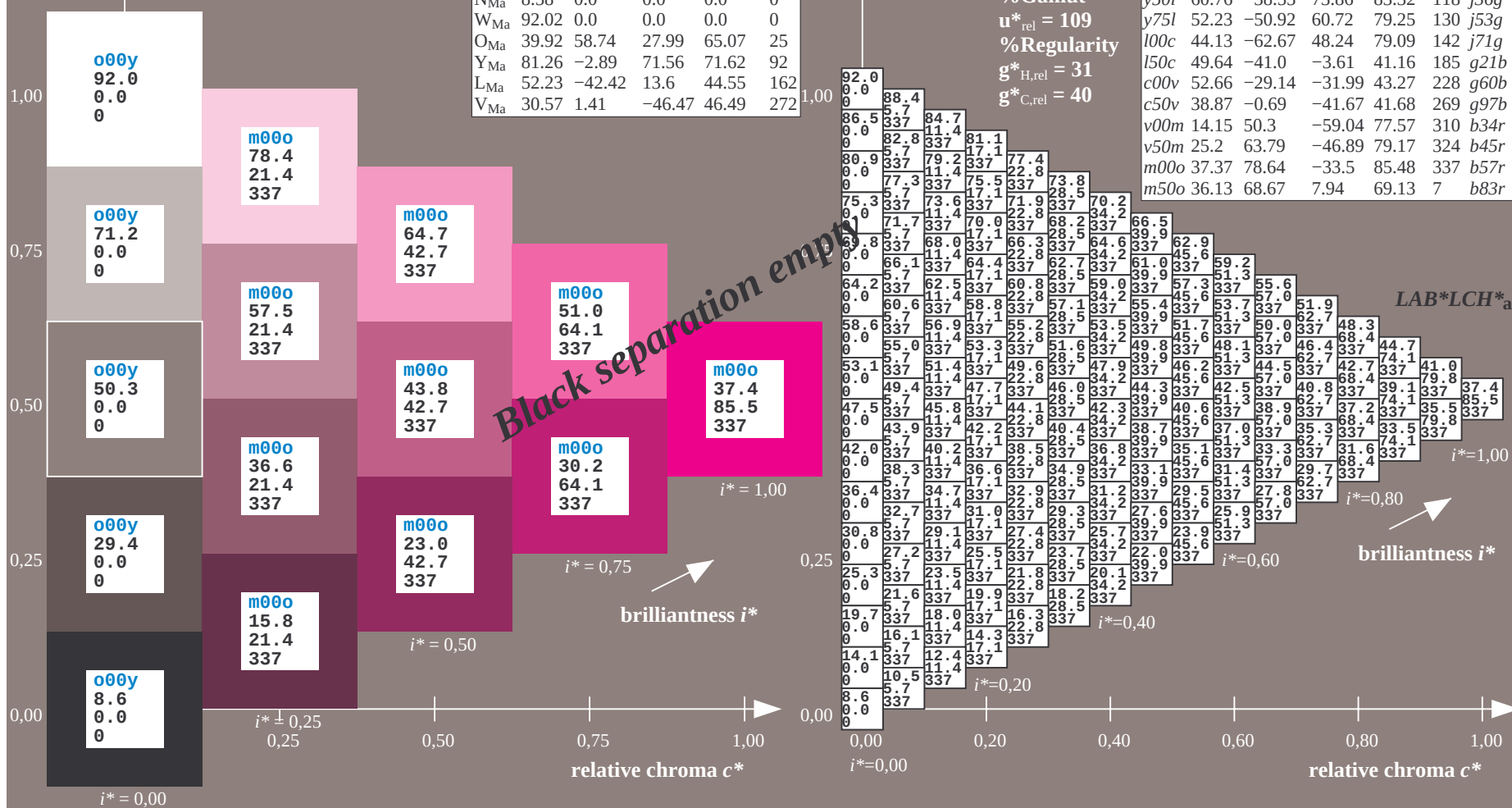
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 37 79 -34
 $LAB^*LCH^*_{Ma}$: 37 85 336
 $lab^*olv^*_{Ma}$: 1.0 0.0 1.0
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.85
triangle lightness t^*

%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = m00o$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

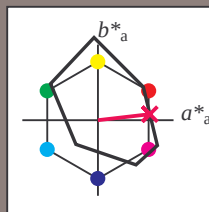
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 36 69 8

$LAB^*LCH^*_{Ma}$: 36 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = m50o$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

See for similar files: <http://www.ps.bam.de/Ee62/>; www.ps.bam.de/Ee62/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1, CIELAB, ColSpX=0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LCH*a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
01	8.6	13.0	17.5	21.9	26.4	30.8	35.2	39.7	44.1	48.5	52.9	57.3	61.7	66.1	70.5	74.9	79.3	83.7	88.1	92.5	96.9	101.3	105.7	110.1	114.5	118.9	123.3	127.7	132.1	136.5	140.9	145.3	149.7	154.1	158.5	162.9	167.3	171.7	176.1	180.5	184.9	189.3	193.7	198.1	202.5	206.9	211.3	215.7	220.1	224.5	228.9	233.3	237.7	242.1	246.5	250.9	255.3	259.7	264.1	268.5	272.9	277.3	281.7	286.1	290.5	294.9	299.3	303.7	308.1	312.5	316.9	321.3	325.7	330.1	334.5	338.9	343.3	347.7	352.1	356.5	360.9	365.3	369.7	374.1	378.5	382.9	387.3	391.7	396.1	400.5	404.9	409.3	413.7	418.1	422.5	426.9	431.3	435.7	440.1	444.5	448.9	453.3	457.7	462.1	466.5	470.9	475.3	479.7	484.1	488.5	492.9	497.3	501.7	506.1	510.5	514.9	519.3	523.7	528.1	532.5	536.9	541.3	545.7	550.1	554.5	558.9	563.3	567.7	572.1	576.5	580.9	585.3	589.7	594.1	598.5	602.9	607.3	611.7	616.1	620.5	624.9	629.3	633.7	638.1	642.5	646.9	651.3	655.7	660.1	664.5	668.9	673.3	677.7	682.1	686.5	690.9	695.3	699.7	704.1	708.5	712.9	717.3	721.7	726.1	730.5	734.9	739.3	743.7	748.1	752.5	756.9	761.3	765.7	770.1	774.5	778.9	783.3	787.7	792.1	796.5	800.9	805.3	809.7	814.1	818.5	822.9	827.3	831.7	836.1	840.5	844.9	849.3	853.7	858.1	862.5	866.9	871.3	875.7	880.1	884.5	888.9	893.3	897.7	902.1	906.5	910.9	915.3	919.7	924.1	928.5	932.9	937.3	941.7	946.1	950.5	954.9	959.3	963.7	968.1	972.5	976.9	981.3	985.7	990.1	994.5	998.9	1003.3	1007.7	1012.1	1016.5	1020.9	1025.3	1029.7	1034.1	1038.5	1042.9	1047.3	1051.7	1056.1	1060.5	1064.9	1069.3	1073.7	1078.1	1082.5	1086.9	1091.3	1095.7	1100.1	1104.5	1108.9	1113.3	1117.7	1122.1	1126.5	1130.9	1135.3	1139.7	1144.1	1148.5	1152.9	1157.3	1161.7	1166.1	1170.5	1174.9	1179.3	1183.7	1188.1	1192.5	1196.9	1201.3	1205.7	1210.1	1214.5	1218.9	1223.3	1227.7	1232.1	1236.5	1240.9	1245.3	1249.7	1254.1	1258.5	1262.9	1267.3	1271.7	1276.1	1280.5	1284.9	1289.3	1293.7	1298.1	1302.5	1306.9	1311.3	1315.7	1320.1	1324.5	1328.9	1333.3	1337.7	1342.1	1346.5	1350.9	1355.3	1359.7	1364.1	1368.5	1372.9	1377.3	1381.7	1386.1	1390.5	1394.9	1399.3	1403.7	1408.1	1412.5	1416.9	1421.3	1425.7	1430.1	1434.5	1438.9	1443.3	1447.7	1452.1	1456.5	1460.9	1465.3	1469.7	1474.1	1478.5	1482.9	1487.3	1491.7	1496.1	1500.5	1504.9	1509.3	1513.7	1518.1	1522.5	1526.9	1531.3	1535.7	1540.1	1544.5	1548.9	1553.3	1557.7	1562.1	1566.5	1570.9	1575.3	1579.7	1584.1	1588.5	1592.9	1597.3	1601.7	1606.1	1610.5	1614.9	1619.3	1623.7	1628.1	1632.5	1636.9	1641.3	1645.7	1650.1	1654.5	1658.9	1663.3	1667.7	1672.1	1676.5	1680.9	1685.3	1689.7	1694.1	1698.5	1702.9	1707.3	1711.7	1716.1	1720.5	1724.9	1729.3	1733.7	1738.1	1742.5	1746.9	1751.3	1755.7	1760.1	1764.5	1768.9	1773.3	1777.7	1782.1	1786.5	1790.9	1795.3	1799.7	1804.1	1808.5	1812.9	1817.3	1821.7	1826.1	1830.5	1834.9	1839.3	1843.7	1848.1	1852.5	1856.9	1861.3	1865.7	1870.1	1874.5	1878.9	1883.3	1887.7	1892.1	1896.5	1900.9	1905.3	1909.7	1914.1	1918.5	1922.9	1927.3	1931.7	1936.1	1940.5	1944.9	1949.3	1953.7	1958.1	1962.5	1966.9	1971.3	1975.7	1980.1	1984.5	1988.9	1993.3	1997.7	2002.1	2006.5	2010.9	2015.3	2019.7	2024.1	2028.5	2032.9	2037.3	2041.7	2046.1	2050.5	2054.9	2059.3	2063.7	2068.1	2072.5	2076.9	2081.3	2085.7	2090.1	2094.5	2098.9	2103.3	2107.7	2112.1	2116.5	2120.9	2125.3	2129.7	2134.1	2138.5	2142.9	2147.3	2151.7	2156.1	2160.5	2164.9	2169.3	2173.7	2178.1	2182.5	2186.9	2191.3	2195.7	2200.1	2204.5	2208.9	2213.3	2217.7	2222.1	2226.5	2230.9	2235.3	2239.7	2244.1	2248.5	2252.9	2257.3	2261.7	2266.1	2270.5	2274.9	2279.3	2283.7	2288.1	2292.5	2296.9	2301.3	2305.7	2310.1	2314.5	2318.9	2323.3	2327.7	2332.1	2336.5	2340.9	2345.3	2349.7	2354.1	2358.5	2362.9	2367.3	2371.7	2376.1	2380.5	2384.9	2389.3	2393.7	2398.1	2402.5	2406.9	2411.3	2415.7	2420.1	2424.5	2428.9	2433.3	2437.7	2442.1	2446.5	2450.9	2455.3	2459.7	2464.1	2468.5	2472.9	2477.3	2481.7	2486.1	2490.5	2494.9	2499.3	2503.7	2508.1	2512.5	2516.9	2521.3	2525.7	2530.1	2534.5	2538.9	2543.3	2547.7	2552.1	2556.5	2560.9	2565.3	2569.7	2574.1	2578.5	2582.9	2587.3	2591.7	2596.1	2600.5	2604.9	2609.3	2613.7	2618.1	2622.5	2626.9	2631.3	2635.7	2640.1	2644.5	2648.9	2653.3	2657.7	2662.1	2666.5	2670.9	2675.3	2679.7	2684.1	2688.5	2692.9	2697.3	2701.7	2706.1	2710.5	2714.9	2719.3	2723.7	2728.1	2732.5	2736.9	2741.3	2745.7	2750.1	2754.5	2758.9	2763.3	2767.7	2772.1	2776.5	2780.9	2785.3	2789.7	2794.1	2798.5	2802.9	2807.3	2811.7	2816.1	2820.5	2824.9	2829.3	2833.7	2838.1	2842.5	2846.9	2851.3	2855.7	2860.1	2864.5	2868.9	2873.3	2877.7	2882.1	2886.5	2890.9	2895.3	2899.7	2904.1	2908.5	2912.9	2917.3	2921.7	2926.1	2930.5	2934.9	2939.3	2943.7	2948.1	2952.5	2956.9	2961.3	2965.7	2970.1	2974.5	2978.9	2983.3	2987.7	2992.1	2996.5	3000.9	3005.3	3009.7	3014.1	3018.5	3022.9	3027.3	3031.7	3036.1	3040.5	3044.9	3049.3	3053.7	3058.1	3062.5	3066.9	3071.3	3075.7	3080.1	3084.5	3088.9	3093.3	3097.7	3102.1	3106.5	3110.9	3115.3	3119.7	3124.1	3128.5	3132.9	3137.3	3141.7	3146.1	3150.5	3154.9	3159.3	3163.7	3168.1	3172.5	3176.9	3181.3	3185.7	3190.1	3194.5	3198.9	3203.3	3207.7	3212.1	3216.5	3220.9	3225.3	3229.7	3234.1	3238.5	3242.9	3247.3	3251.7	3256.1	3260.5	3264.9	3269.3	3273.7	3278.1	3282.5	3286.9	3291.3	3295.7	3300.1	3304.5	3308.9	3313.3	3317.7	3322.1	3326.5	3330.9	3335.3	3339.7	3344.1	3348.5	3352.9	3357.3	3361.7	3366.1	3370.5	3374.9	3379.3	3383.7	3388.1	3392.5	3396.9	3401.3	3405.7	3410.1	3414.5	3418.9	3423.3	3427.7	3432.1	3436.5	3440.9	3445.3	3449.7	3454.1	3458.5	3462.9	3467.3	3471.7	3476.1	3480.5	3484.9	3489.3	3493.7	3498.1	3502.5	3506.9	3511.3	3515.7	3520.1	3524.5	3528.9	3533.3	3537.7	3542.1	3546.5	3550.9	3555.3	3559.7	3564.1	3568.5	3572.9	3577.3	3581.7	3586.1	3590.5	3594.9	3599.3	3603.7	3608.1	3612.5	3616.9	3621.3	3625.7	3630.1	3634.5	3638.9	3643.3	3647.7	3652.1	3656.5	3660.9	3665.3	3669.7	3674.1	3678.5	3682.9	3687.3	3691.7	3696.1	3700.5	3704.9	3709.3	3713.7	3718.1	3722.5	3726.9	3731.3	3735.7	3740.1	3744.5	3748.9	3753.3	3757.7	3762.1	3766.5	3770.9	3775.3	3779.7	3784.1	3788.5	3792.9	3797.3	3801.7	3806.1	3810.5	3814.9	3819.3	3823.7	3828.1	3832.5	3836.9	3841.3	3845.7	3850.1	3854.5	3858.9	3863.3	3867.7	3872.1	3876.5	3880.9	3885.3	3889.7	3894.1	3898.5	3902.9	3907.3	3911.7	3916.1	3920.5	3924.9	3929.3	3933.7	3938.1	3942.5	3946.9	3951.3	3955.7	3960.1	3964.5	3968.9	3973.3	3977.7	3982.1	3986.5	3990.9	3995.3	3999.7	4004.1	4008.5	4012.9	4017.3	4021.7	4026.1	4030.5	4034.9	4039.3	4043.7	4048.1	4052.5	4056.9	4061.3	4065.7	4070.1	4074.5	4078.9	4083.3	4087.7	4092.1	4096.5	4100.9	4105.3	4109.7	4114.1	4118.5	4122.9	4127.3	4131.7	4136.1	4140.5	4144.9	4149.3	4153.7	4158.1	4162.5	4166.9	4171.3	4175.7	4180.1	4184.5	4188.9	4193.3	4197.7	4202.1	4206.5	4210.9	4215.3	4219.7	4224.1	4228.5	4232.9	4237.3	4241.7	4246.1	4250.5	4254.9	4259.3	4263.7	4268.1	4272.5	4276.9	4281.3	4285.7	4290.1	4294.5	4298.9	4303.3	4307.7	4312.1	4316.5	4320.9	4325.3	4329.7	4334.1	4338.5	4342.9	4347.3	4351.7	4356.1	4360.5	4364.9	4369.3	4373.7	4378.1	4382.5	4386.9	4391.3	4395.7	4400.1	4404.5	4408.9	4413.3	4417.7	4422.1	4426.5	4430.9	4435.3	4439.7	4444.1	4448.5	4452.9	4457.3	4461.7	4466.1	4470.5	4474.9	4479.3	4483.7	4488.1	4492.5	4496.9	4501.3	4505.7	4510.1	4514.5	4518.9	4523.3	4527.7	4532.1	4536.5	4540.9	4545.3	4549.7	4554.1	4558.5	4562.9	4567.3	4571.7	4576.1	4580.5	4584.9	4589.3	4593.7	4598.1	4602.5	4606.9	4611.3	4615.7	4620.1	4624.5	4628.9	4633.3	4637.7	4642.1	4646.5	4650.9	4655.3	4659.7	4664.1	4668.5	4672.9	4677.3	4681.7	4686.1	4690.5	4694.9	4699.3	4703.7	4708.1	4712.5	4716.9	4721.3	4725.7	4730.1	4734.5	4738.9	4743.3	4747.7	4752.1	4756.5	4760.9	4765.3	4769.7	4774.1	4778.5	4782.9	4787.3	4791.7	4796.1	4800.5	4804.9	4809.3	4813.7	4818.1	4822.5	4826.9	4831.3	4835.7	4840.1	4844.5	4848.9	4853.3	4857.7	4862.1	48

Input and output:

Colorimetric Printer Reflective System FRS09_92aM
data for any colour:

u^*_d and number *no.* = 00 .. 15

device hue text:

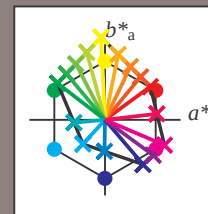
u^*_d = 16 hues *o00y*, *o25y*, ..., *m50o*

contrast reduction factor:

$c_R = 1.0$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
<i>o00y</i>	35.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	44.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	54.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	66.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	83.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	70.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	60.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	52.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	44.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	49.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	52.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	38.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	14.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	25.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	37.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	36.13	68.67	7.94	69.13	7	<i>b83r</i>



%Gamut

$u^*_{rel} = 109$

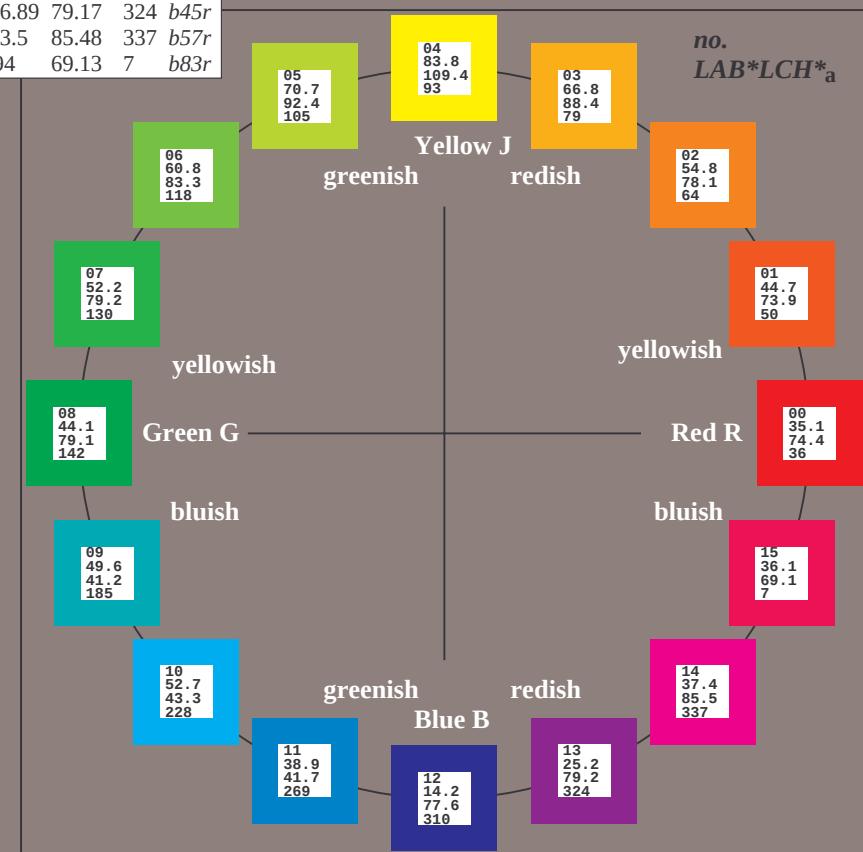
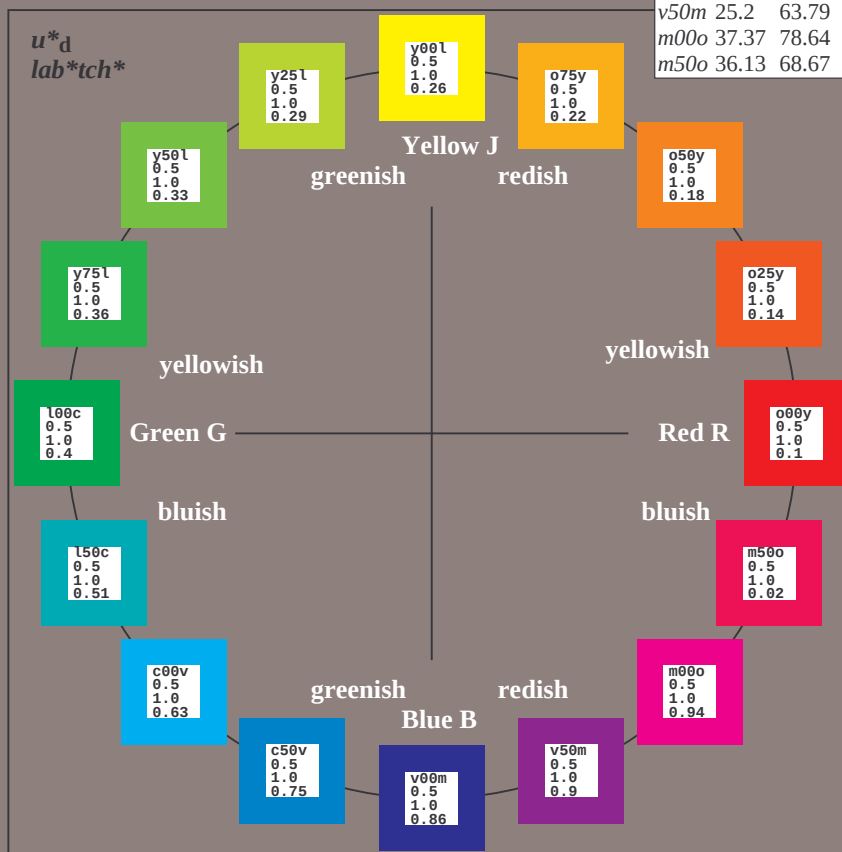
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{CIE}	39.92	58.74	27.99	65.07	25
Y _{CIE}	81.26	-2.89	71.56	71.62	92
L _{CIE}	52.23	-42.42	13.6	44.55	162
V _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

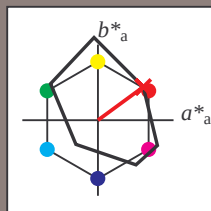
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 60 44

$LAB^*LCH^*_{Ma}$: 35 74 36

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

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

triangle lightness t^*

%Gamut

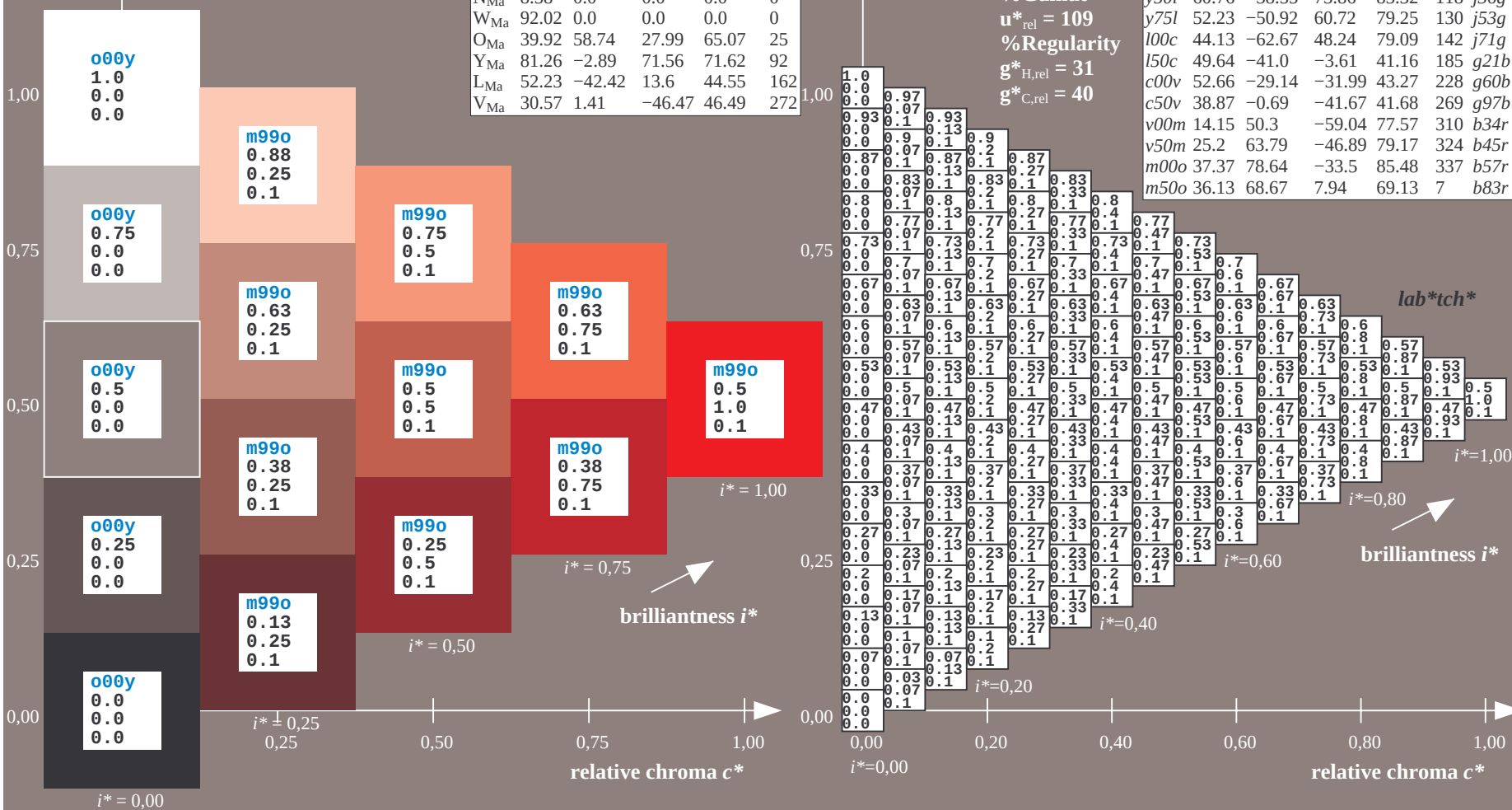
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

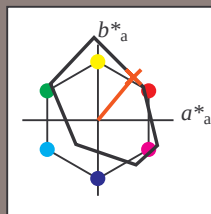
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 47 57

$LAB^*LCH^*_{Ma}$: 45 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$ u^*_e

o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

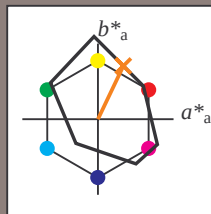
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 55 34 70

$LAB^*LCH^*_{Ma}$: 55 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

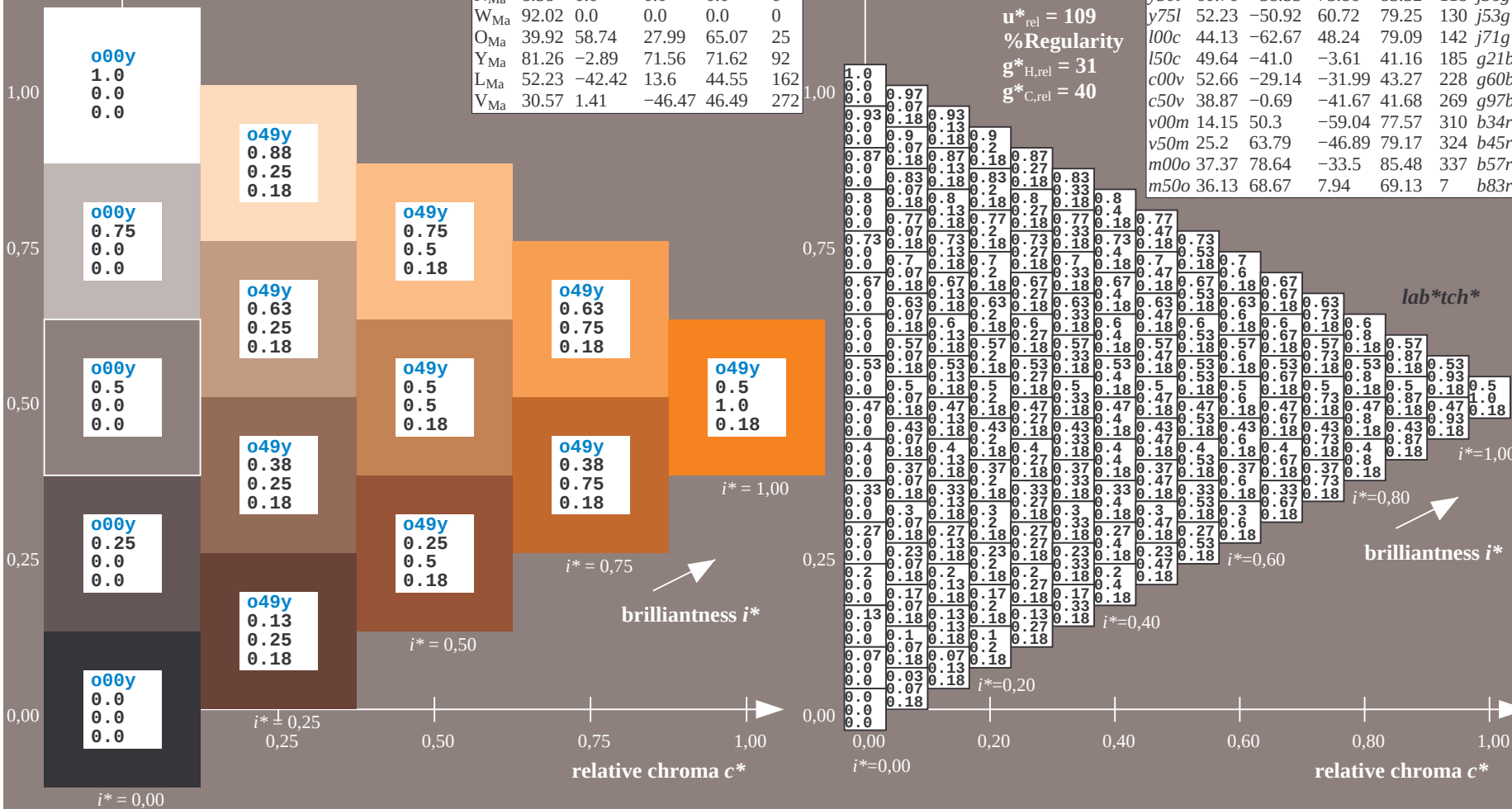
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

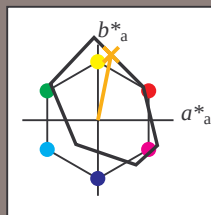
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 17 87

$LAB^*LCH^*_{Ma}$: 67 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

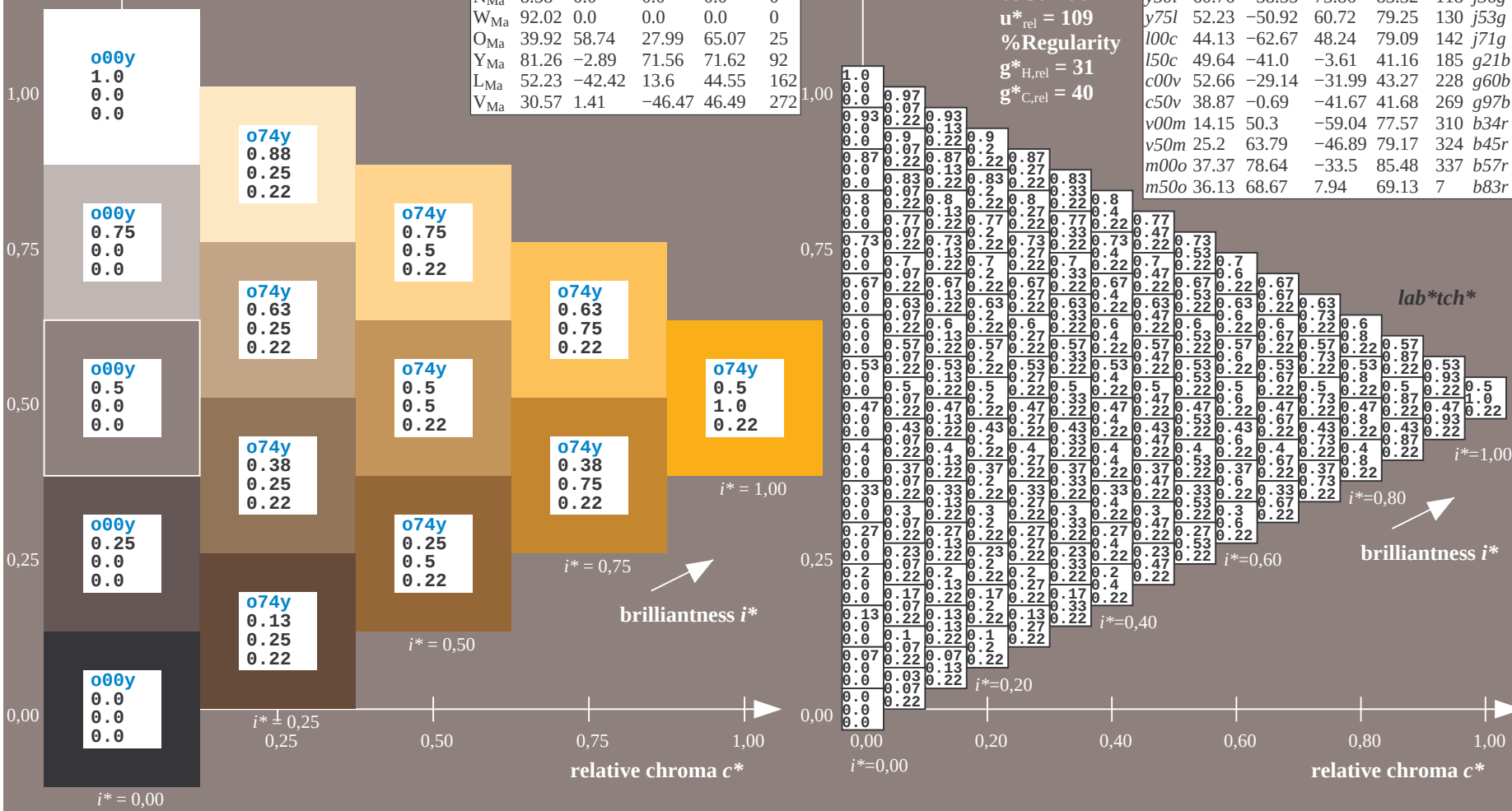
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = o75y$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

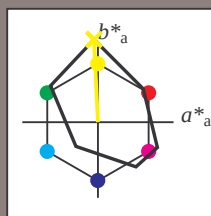
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 84 -5 109

$LAB^*LCH^*_{Ma}$: 84 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

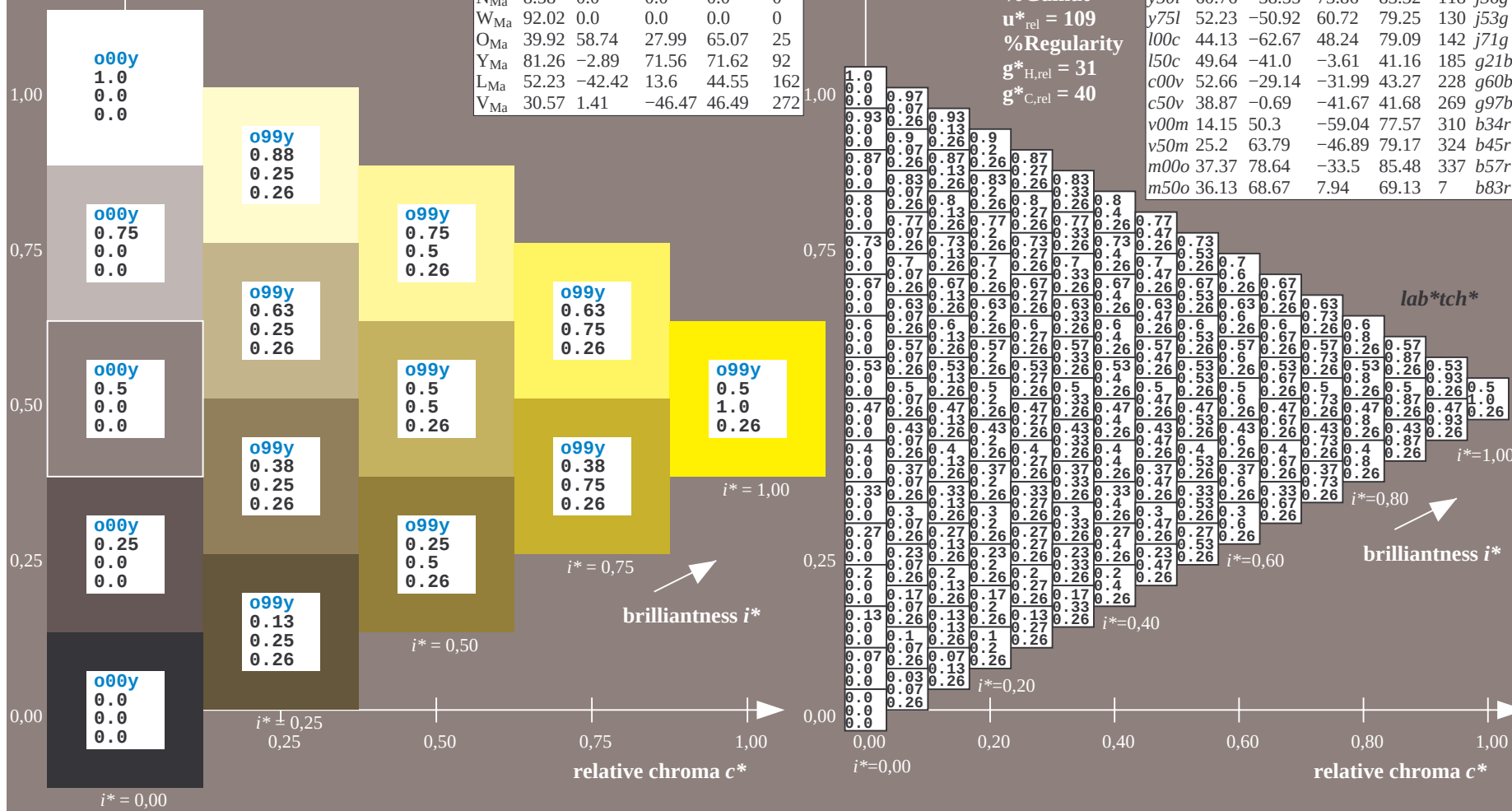
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = y00l$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

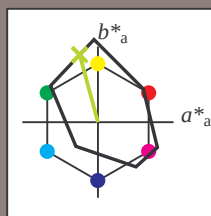
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 71 -24 89

$LAB^*LCH^*_{Ma}$: 71 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

% Gamut

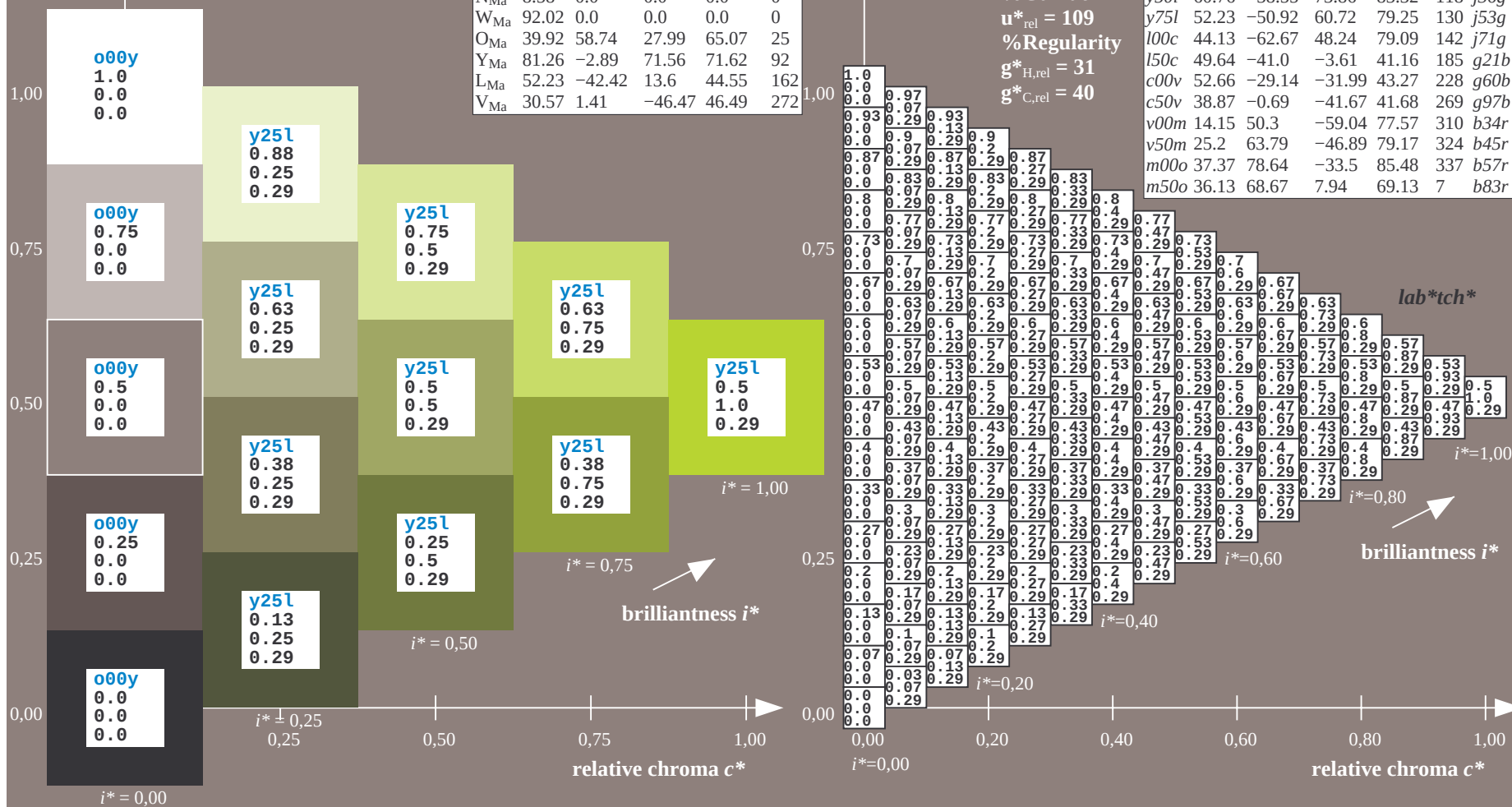
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$ data for any colour: Data for maximum colour (Ma):

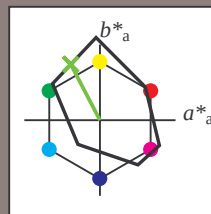
$u^*_d = y50l$
 lab^*tch^*

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

Hue texts:

$$u_d^* = y50l \quad u_e^* = j36a$$

contrast reduction factor:

 $c_D = 1.0$ triangle lightness t^* 

FRS09_92aM; adapted (a) CIELAB data						
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0		44.0	74.4	36
Y _{Ma}	83.77	-5.17		109.32	109.44	93
L _{Ma}	44.13	-62.67		48.24	79.09	142
C _{Ma}	52.66	-29.14		-31.99	43.27	228
V _{Ma}	14.15	50.3		-59.04	77.57	310
M _{Ma}	37.37	78.64		-33.5	85.48	337
N _{Ma}	8.58	0.0		0.0	0.0	0
W _{Ma}	92.02	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*₅ : 61 -39 74

LAB*LGII* 61 23 115

LAB*LCH*Ma: 61 83 1

lab*olv*Ma: 0.5 1.0 0.0

*lab*rgb*_M_a*: 0.64 1.0 0.0

triangle lightness t^*

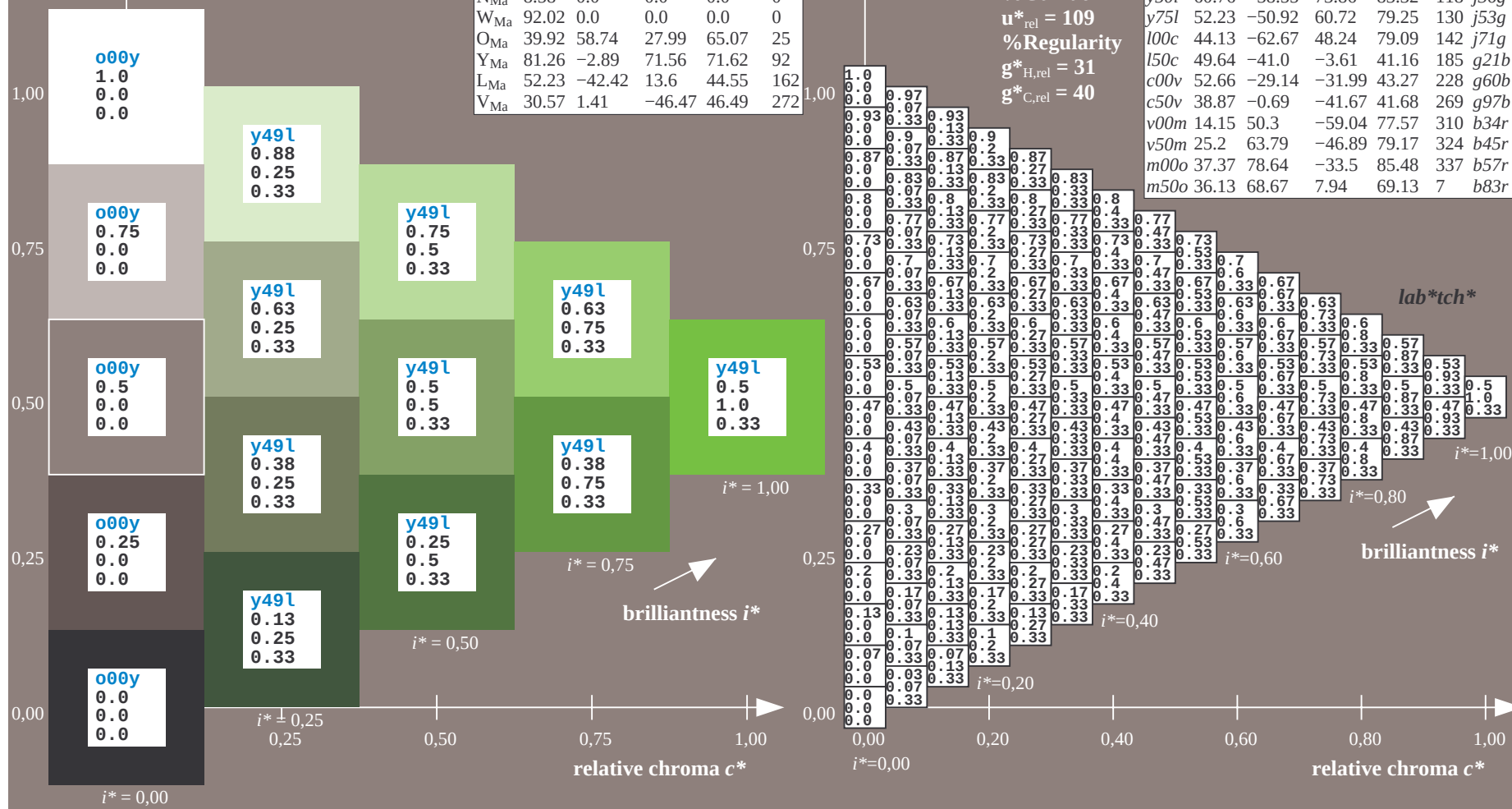
%Gamut

 $\mathbf{u}_{rel}^* = 109$

%Regularity

$$g^*_{H_{rel}} = 31$$
$$g^*_{C,rel} = 40$$

FRS09_92aM; adapted (a) CIELAB data							
u_d^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_e^*	
<i>o00y</i>	35.06	60.0	44.0	74.4	36	<i>r16i</i>	
<i>o25y</i>	44.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	54.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	66.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	83.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	70.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	60.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	52.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	44.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	49.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	52.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	38.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	14.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	25.32	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	37.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	36.13	68.67	7.94	69.13	7	<i>b83r</i>	



BAM-test chart Ee62; Colorimetric systems, Page 116/198
D65: colour scales and 9 data tables for 16 hues 000y to m75o

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

BAM registration: 20081001-E66210L/L62E00FP.PS/.PDF 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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

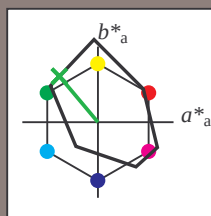
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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 -51 61

$LAB^*LCH^*_{Ma}$: 52 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

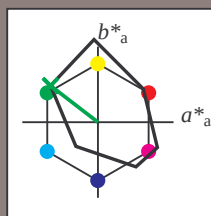
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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 -63 48

$LAB^*LCH^*_{Ma}$: 44 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

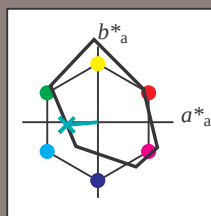
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 50 -41 -4

$LAB^*LCH^*_{Ma}$: 50 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

%Gamut

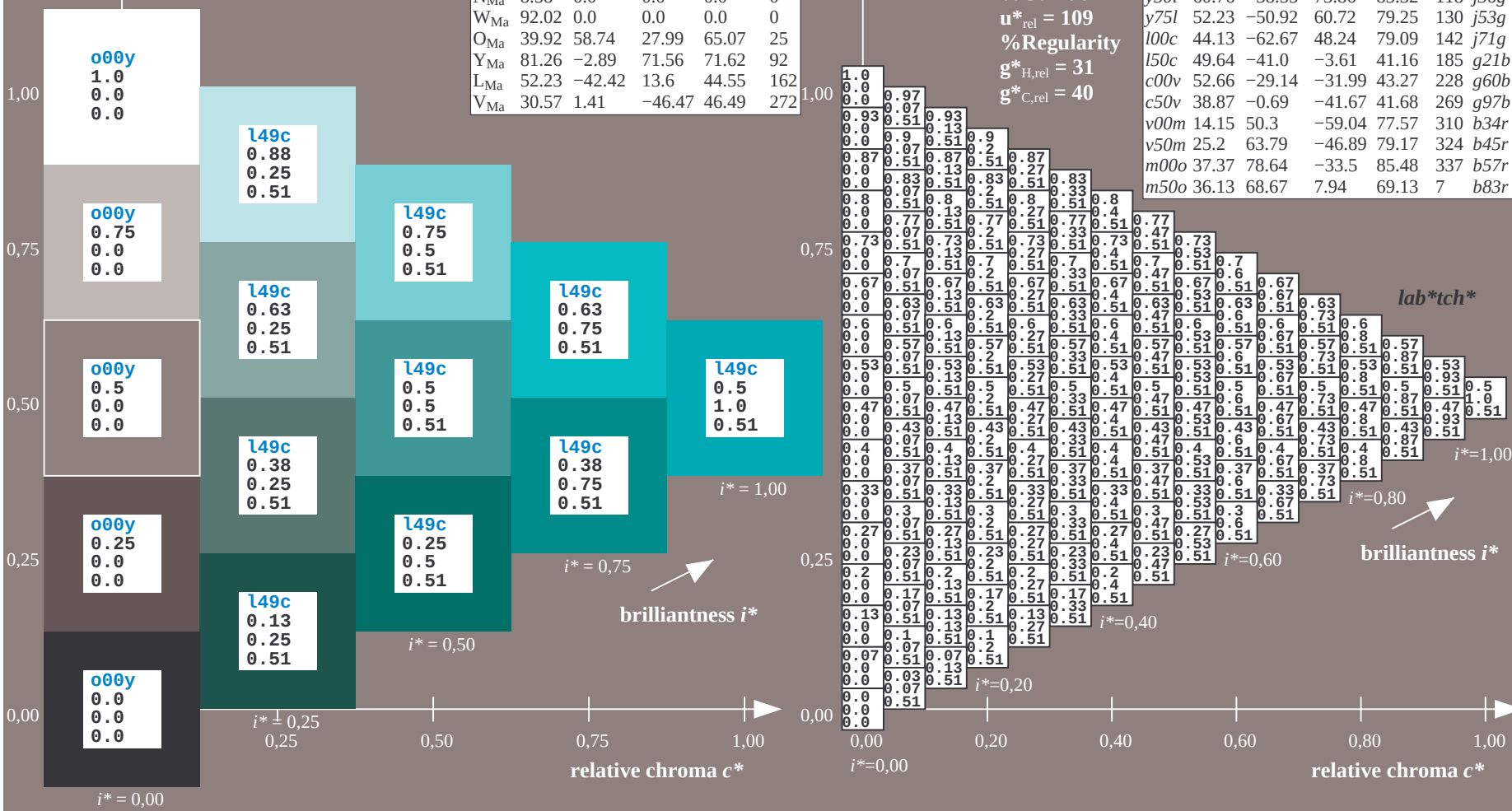
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

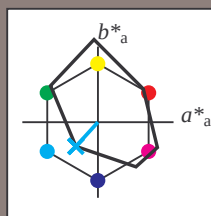
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O _{Ma}	35.06	60.0	44.0	74.4	36	r16j
Y _{Ma}	83.77	-5.17	109.32	109.44	93	r37j
L _{Ma}	44.13	-62.67	48.24	79.09	142	r58j
C _{Ma}	52.66	-29.14	-31.99	43.27	228	r79j
V _{Ma}	14.15	50.3	-59.04	77.57	310	j01g
M _{Ma}	37.37	78.64	-33.5	85.48	337	j18g
N _{Ma}	8.58	0.0	0.0	0.0	0	j36g
W _{Ma}	92.02	0.0	0.0	0.0	0	j53g
O _{Ma}	39.92	58.74	27.99	65.07	25	j71g
Y _{Ma}	81.26	-2.89	71.56	71.62	92	g21b
L _{Ma}	52.23	-42.42	13.6	44.55	162	g60b
V _{Ma}	30.57	1.41	-46.47	46.49	272	g97b

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 53 -29 -32

$LAB^*LCH^*_{Ma}$: 53 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

% Gamut

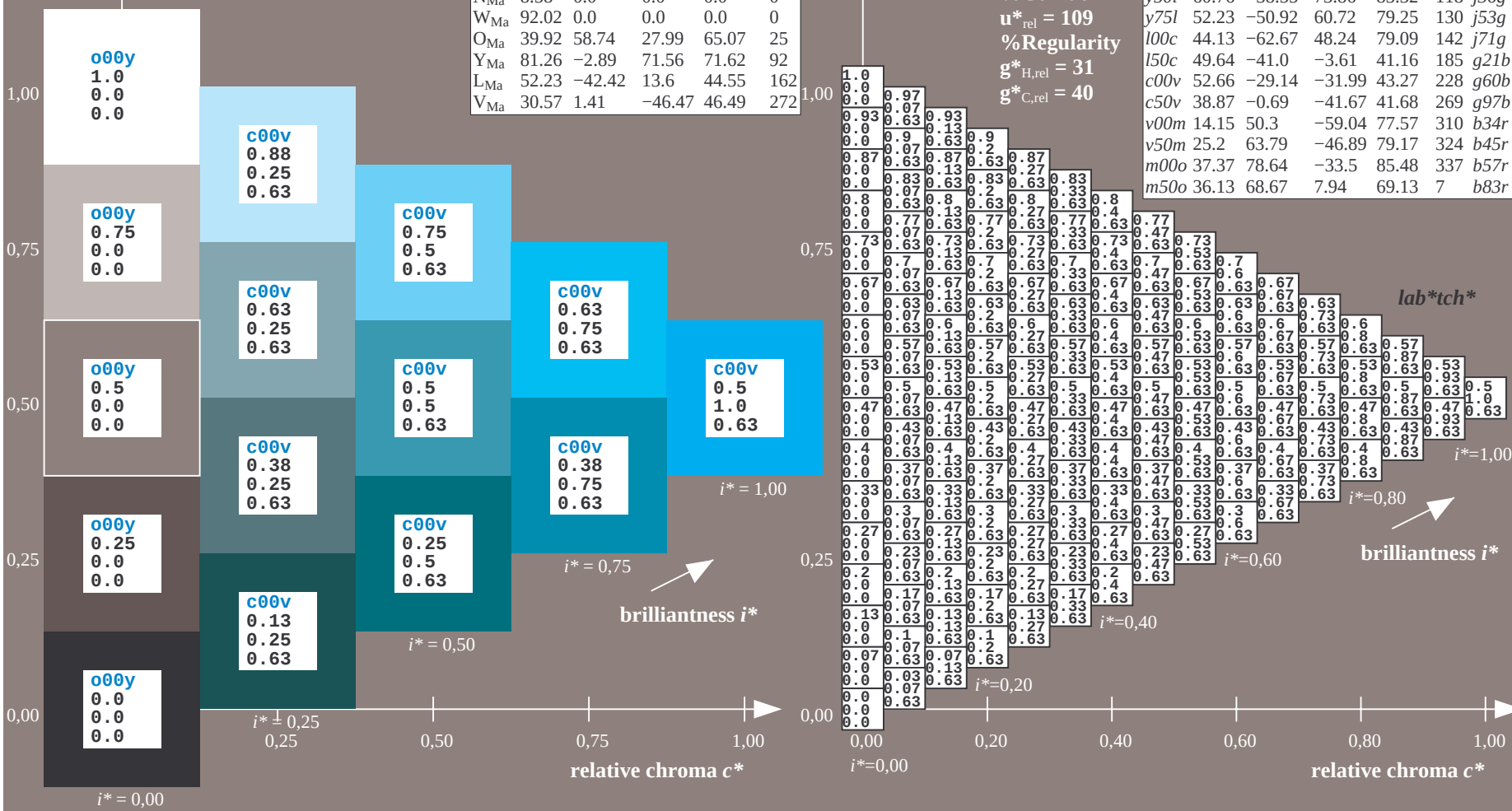
$u^*_{rel} = 109$

% Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

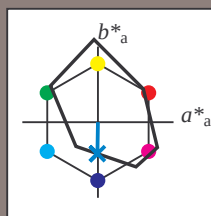
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 39 -1 -42

$LAB^*LCH^*_{Ma}$: 39 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

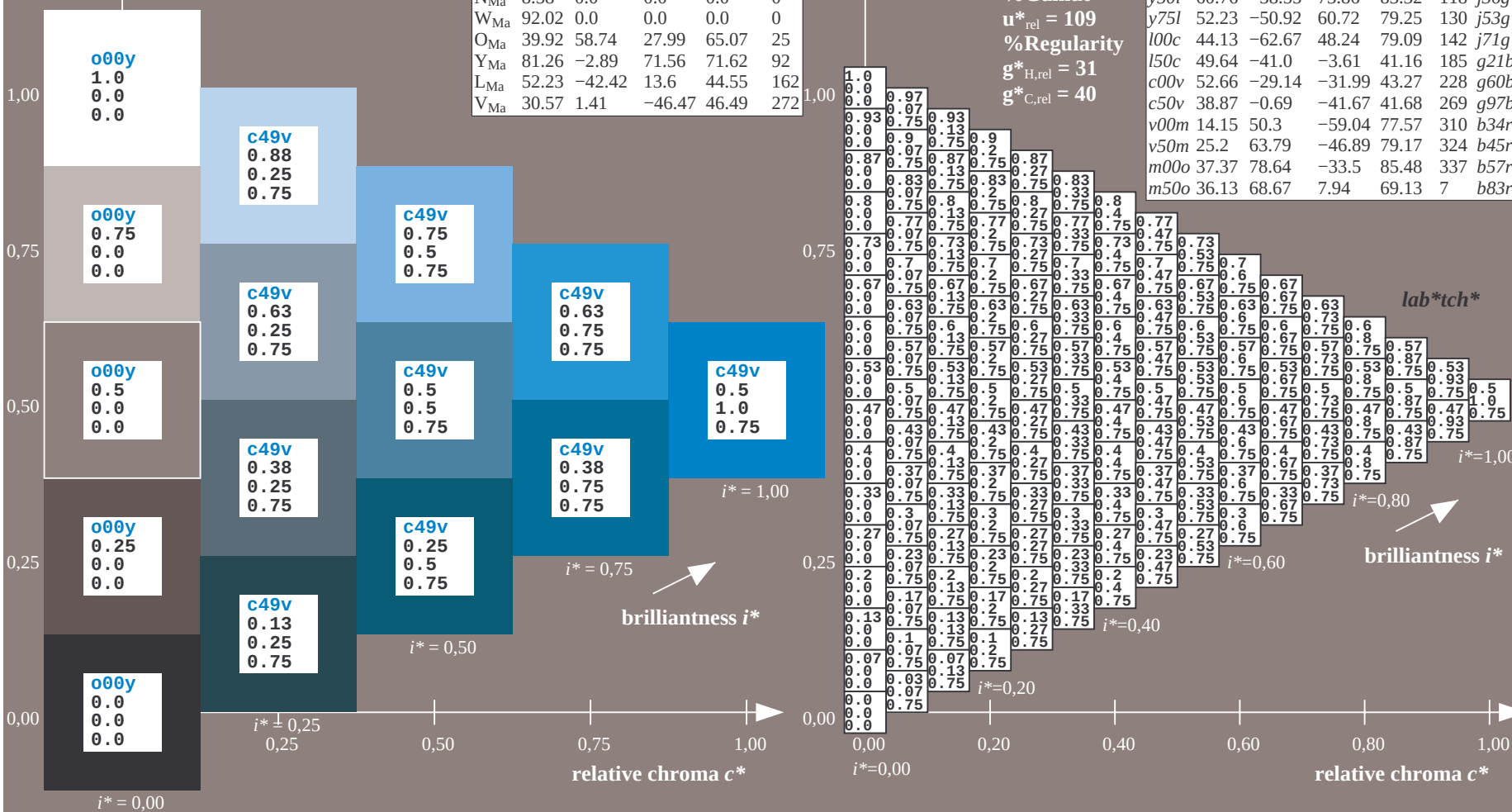
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = c50v$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

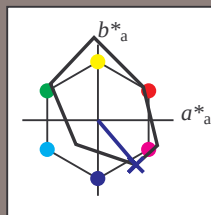
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 14 50 -59

$LAB^*LCH^*_{Ma}$: 14 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

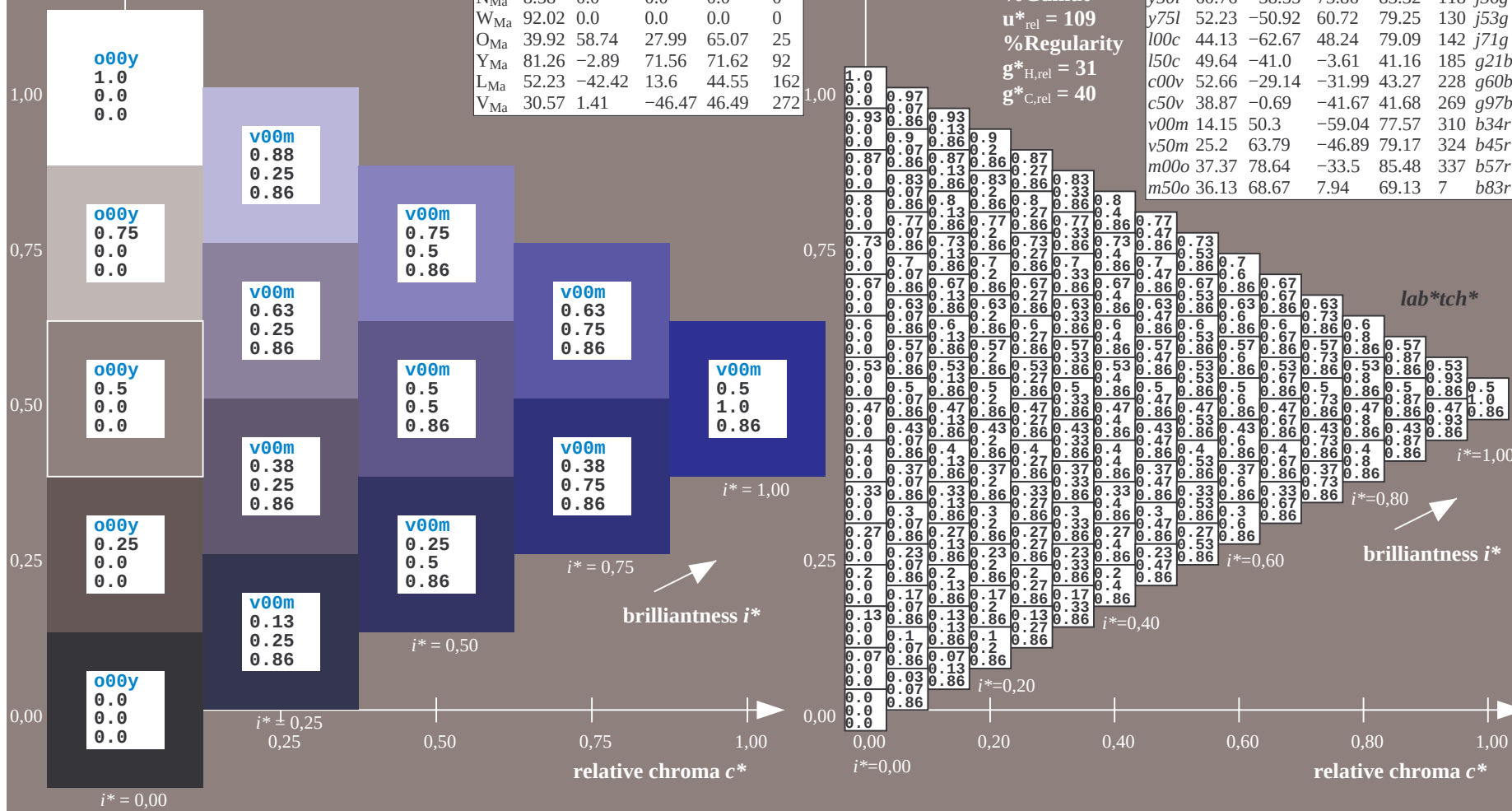
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = v00m$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

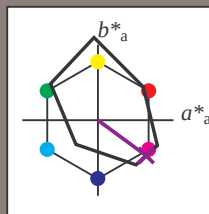
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 25 64 -47

$LAB^*LCH^*_{Ma}$: 25 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

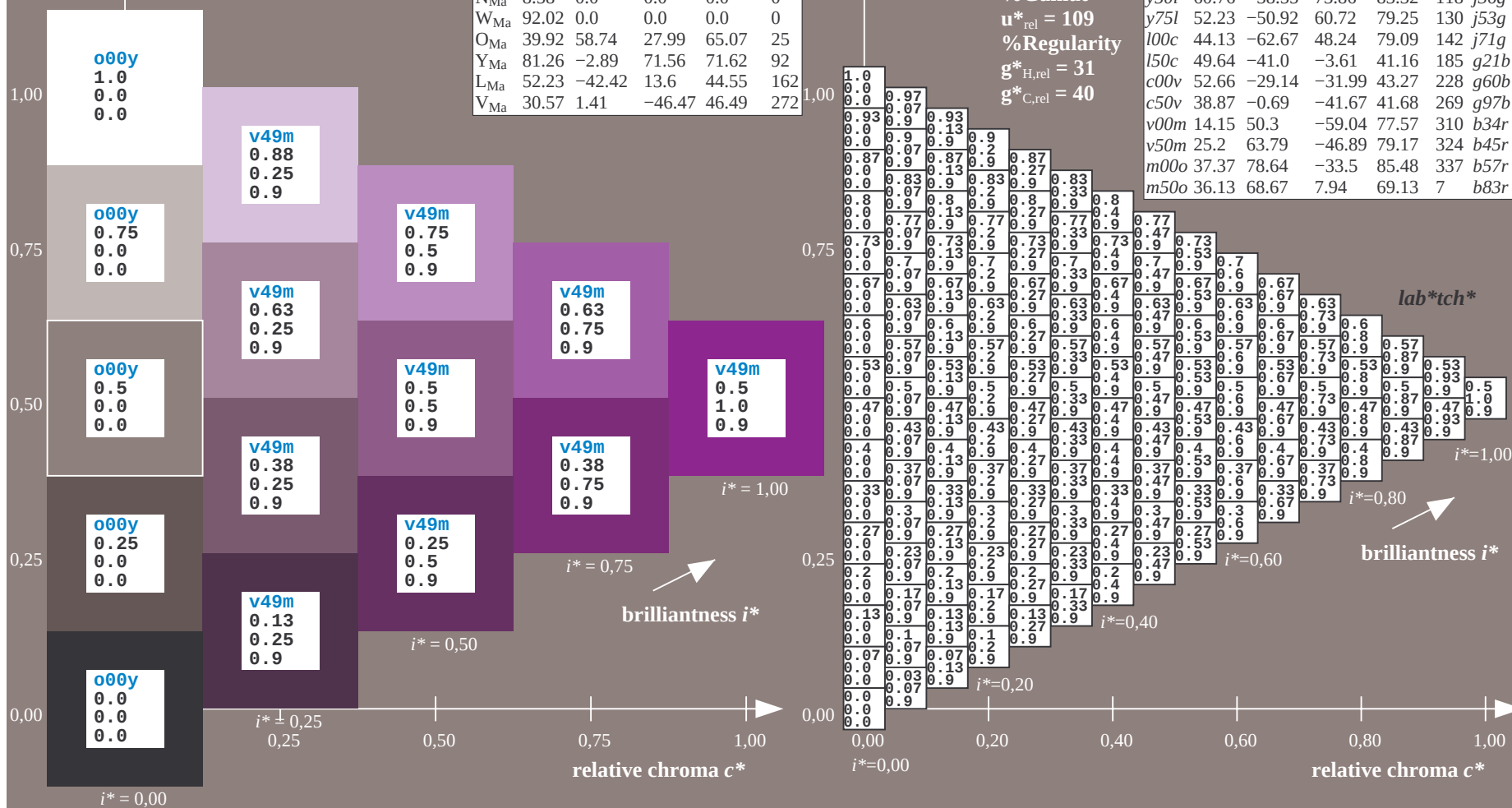
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_d = v50m$
 lab^*tch^*

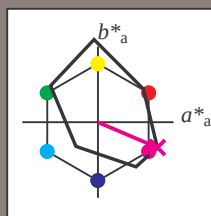
FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m00o$ $u^*_e = b57r$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 37 79 -34

$LAB^*LCH^*_{Ma}$: 37 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

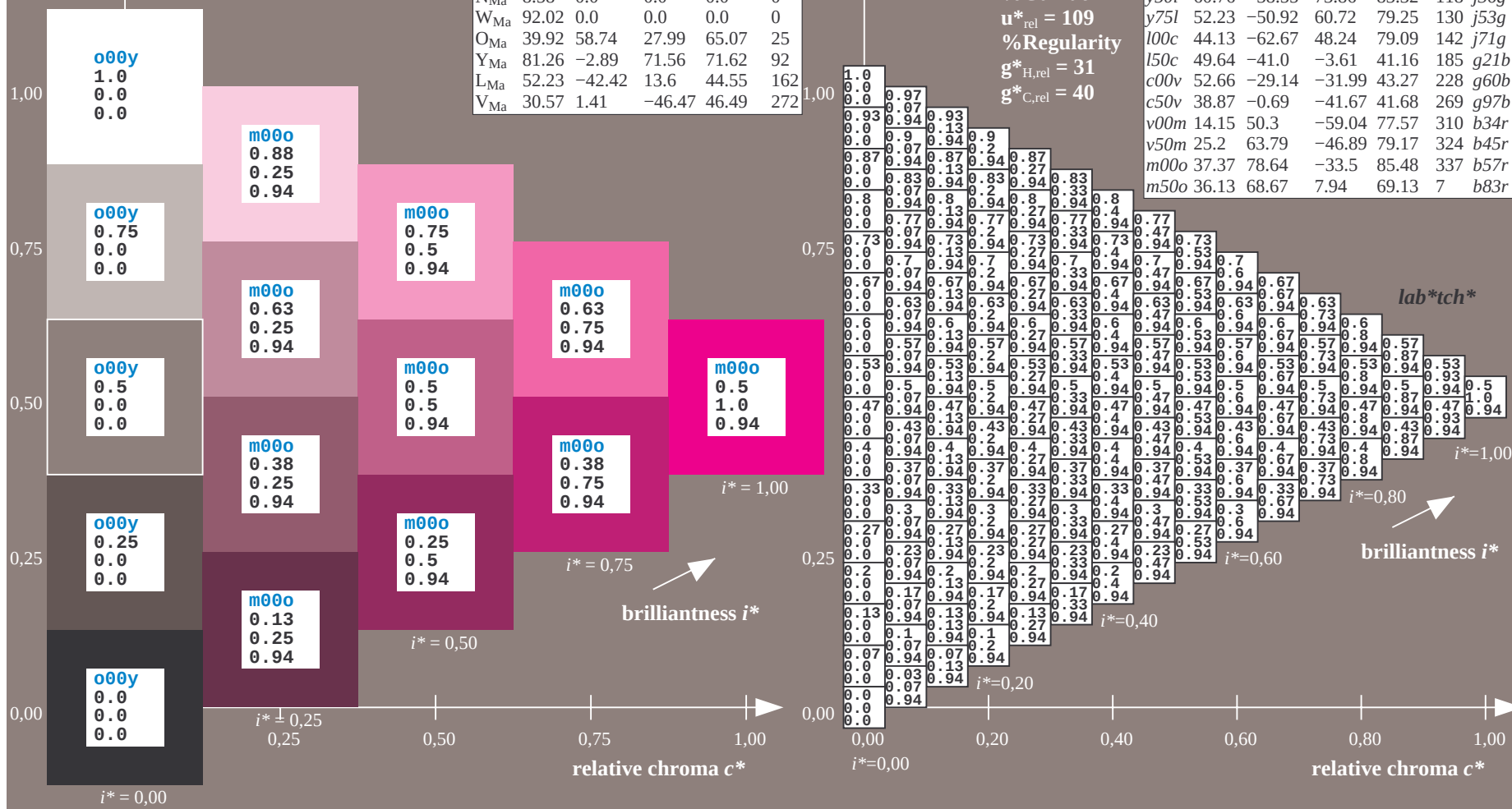
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = m00o$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$ data for any colour: Data for maximum colour (Ma):

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

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

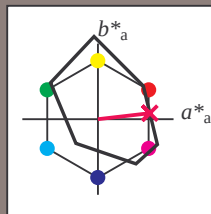
Hue texts:

$$u^*_d = m50o \quad u^*_e = b83r$$

contrast reduction factor:

$$C_D = 1.0$$

triangle lightness 4*

triangle lightness t^* 

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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* M_{w} : 36 69 8

LAB LAB	Ma. 50 65 0
LAB*LGH*	36 62 0

LAB*LCH*Ma: 36 69 6

*lab*olv**Ma: 1.0 0.0 0.5

*lab*rag**_{M2}: 1.0 0.0 0.33

triangle lightness 4*

triangle lightness t^*

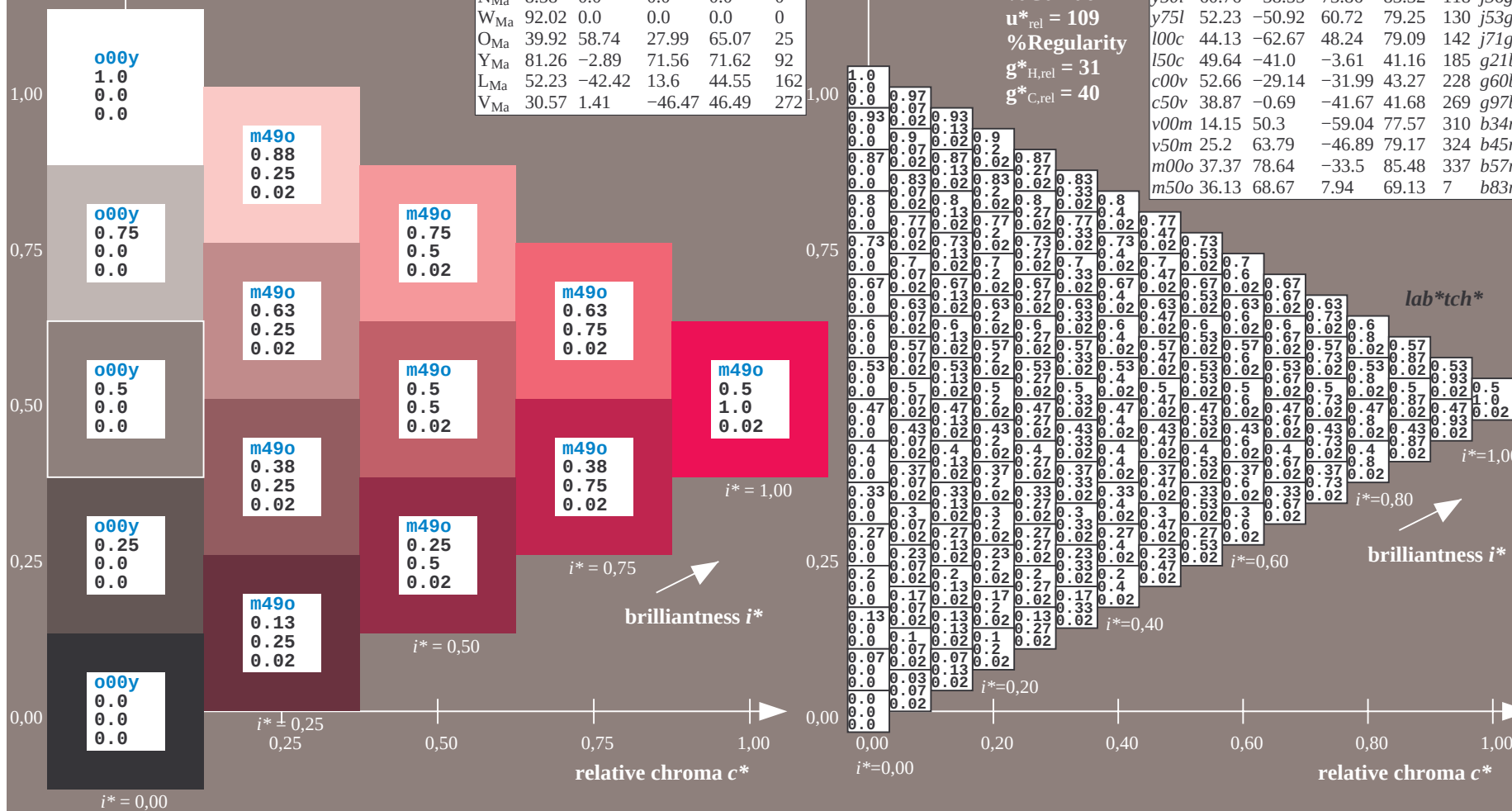
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 109$$

%Regularity

$$g^*_{H_{vol}} = 31$$
 $\mathbf{g}_{C,rel}^* = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	35.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	44.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	54.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	66.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	83.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	70.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	60.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	52.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	44.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	49.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	52.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	38.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	14.15	50.3	-59.04	77.57	310	<i>b34a</i>	
<i>v50m</i>	25.2	63.79	-46.89	79.17	324	<i>b45a</i>	
<i>m00o</i>	37.37	78.64	-33.5	85.48	337	<i>b57a</i>	
<i>m50o</i>	36.13	68.67	7.94	69.13	7	<i>b83a</i>	



BAM registration: 20081001-E66210L/L62E00FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

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

Input and output:

Colorimetric Printer Reflective System FRS09_92aM
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

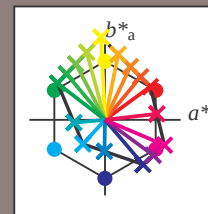
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 1.0$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



%Gamut

$u^*_{rel} = 109$

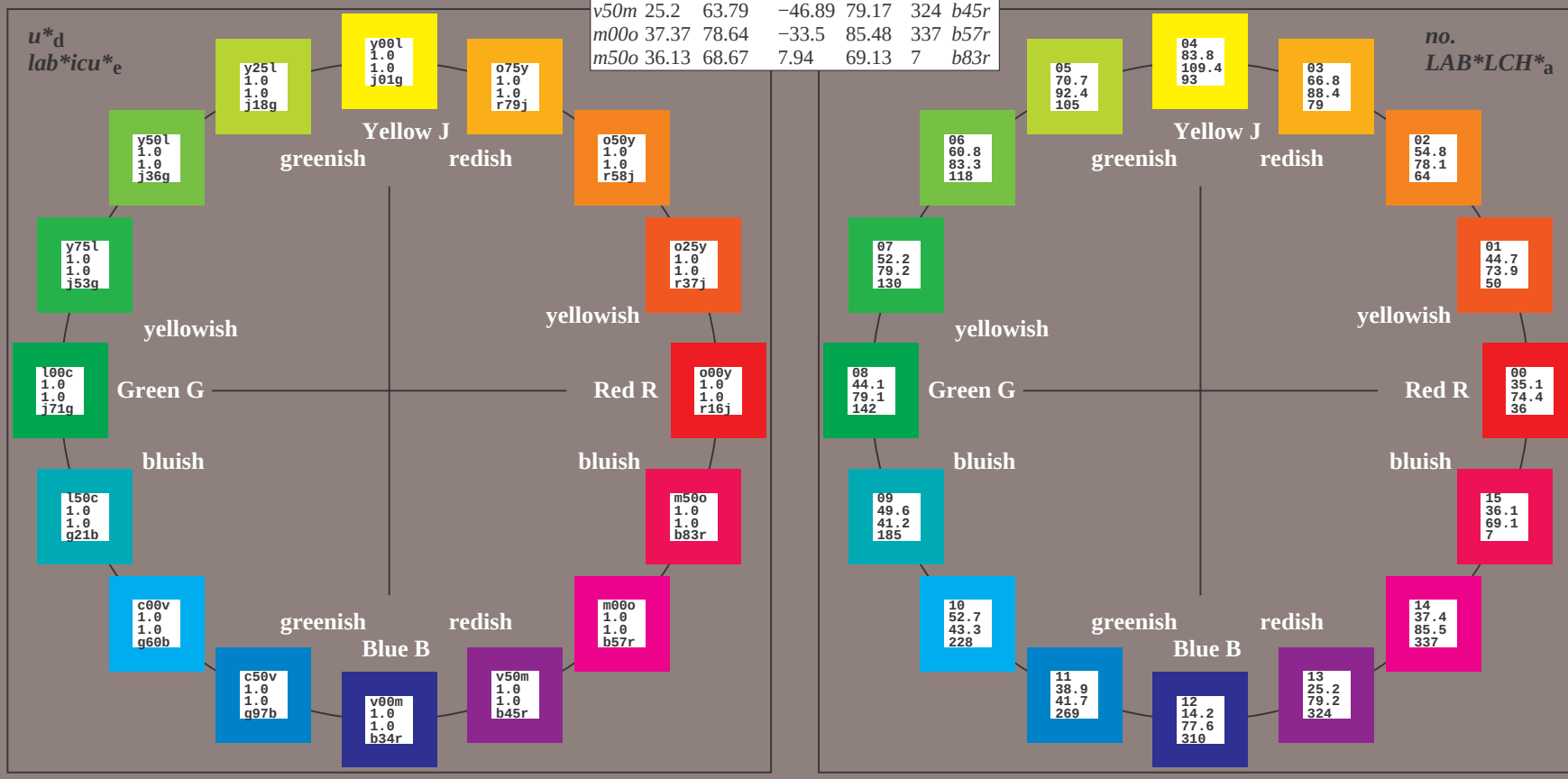
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	35.06	60.0	44.0	74.4	36
Y_{Ma}	83.77	-5.17	109.32	109.44	93
L_{Ma}	44.13	-62.67	48.24	79.09	142
C_{Ma}	52.66	-29.14	-31.99	43.27	228
V_{Ma}	14.15	50.3	-59.04	77.57	310
M_{Ma}	37.37	78.64	-33.5	85.48	337
N_{Ma}	8.58	0.0	0.0	0.0	0
W_{Ma}	92.02	0.0	0.0	0.0	0
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

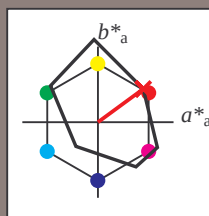
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	0.0	0.0	0.0	0	
O _{Ma}	39.92	58.74	27.99	65.07	25	
Y _{Ma}	81.26	-2.89	71.56	71.62	92	
L _{Ma}	52.23	-42.42	13.6	44.55	162	
V _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 60 44

$LAB^*LCH^*_{Ma}$: 35 74 36

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

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

triangle lightness t^*

%Gamut

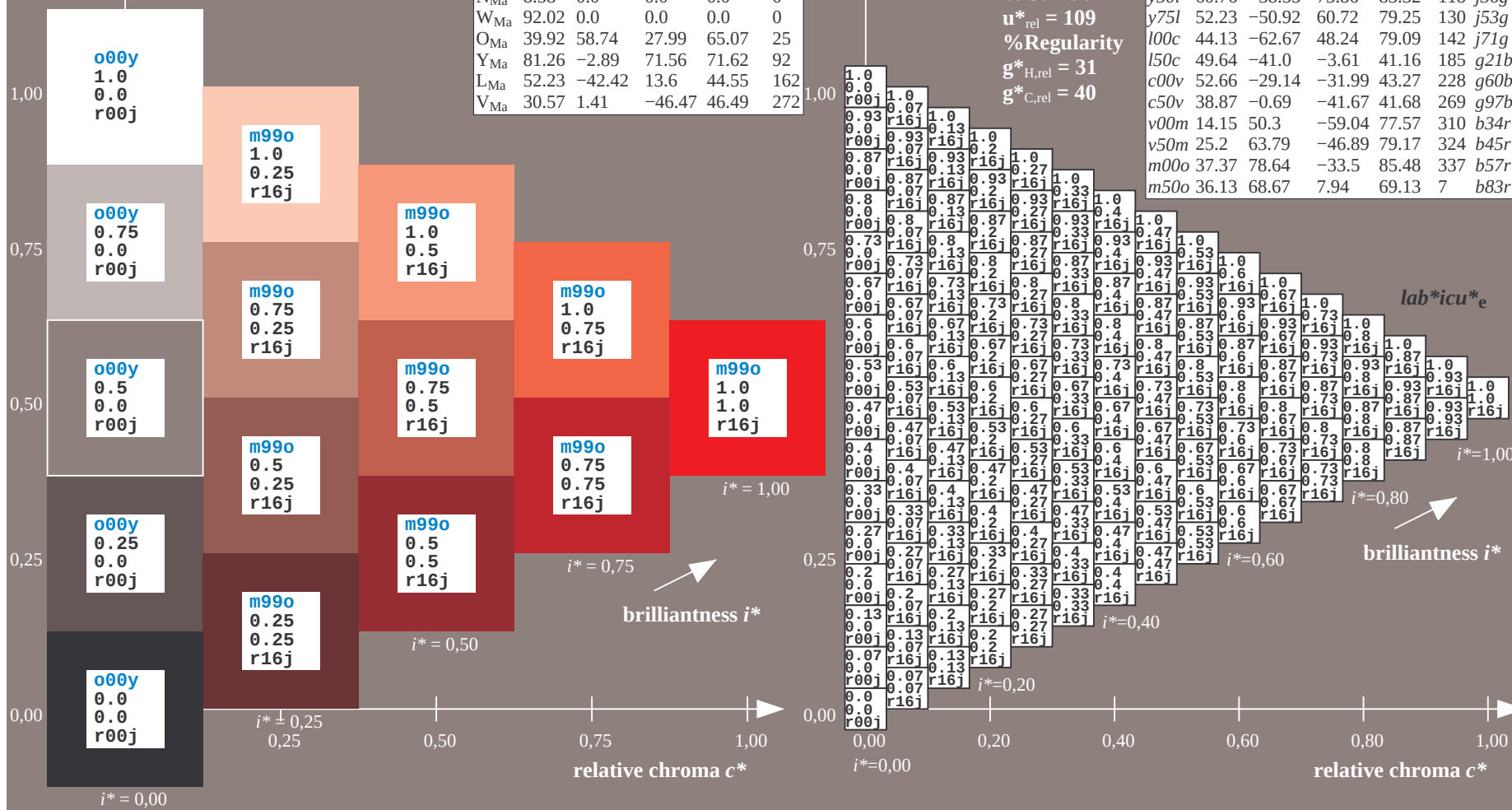
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

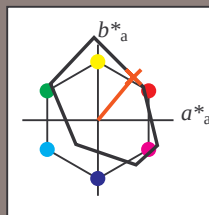
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 47 57

$LAB^*LCH^*_{Ma}$: 45 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

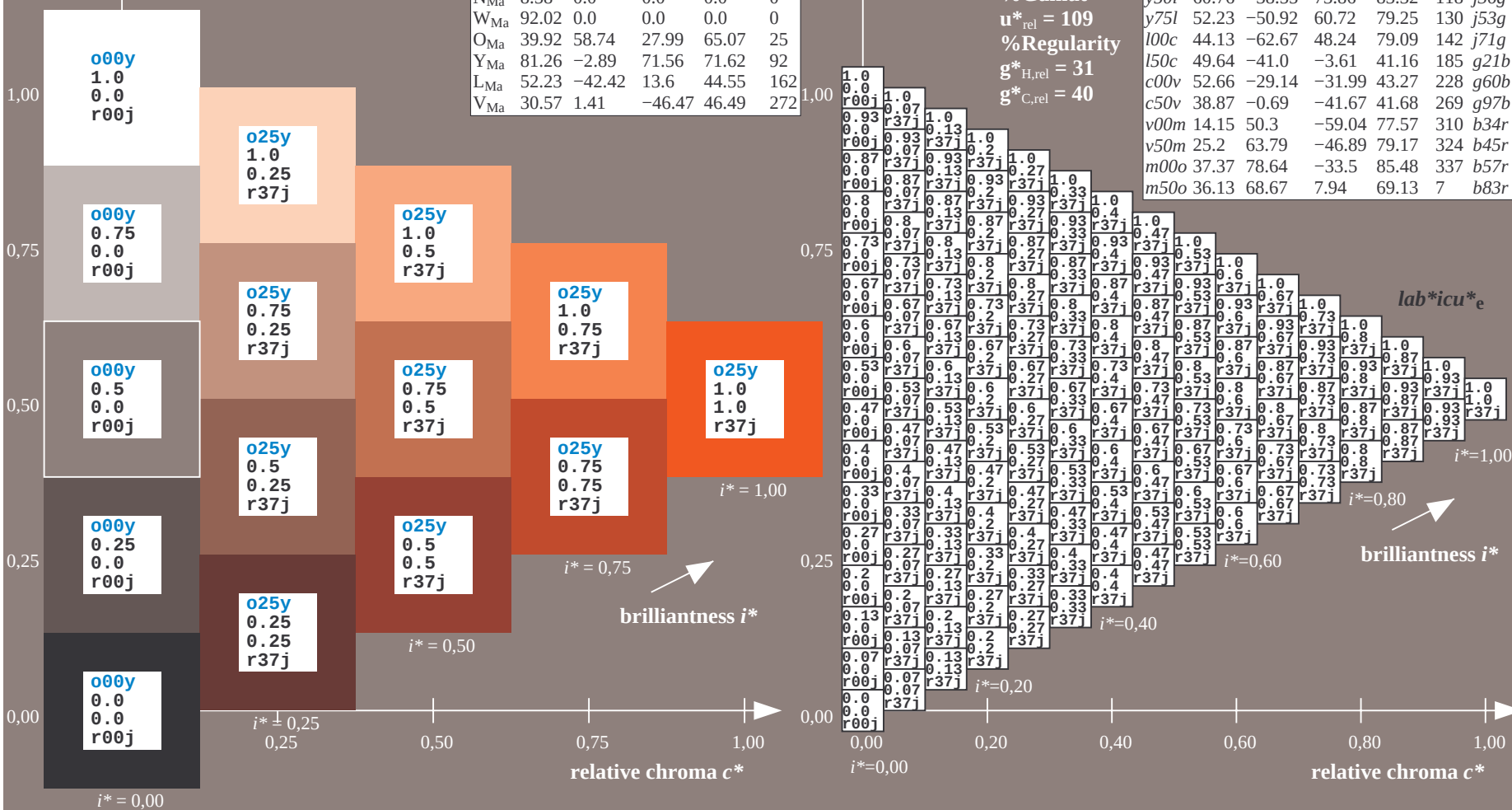
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data
 u^*_d $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$ u^*_e

o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

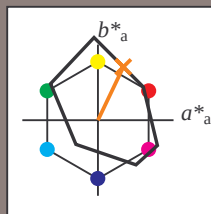
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 55 34 70

$LAB^*LCH^*_{Ma}$: 55 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$lab^*icu^*_e$

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

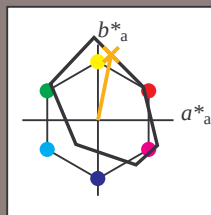
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 17 87

$LAB^*LCH^*_{Ma}$: 67 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

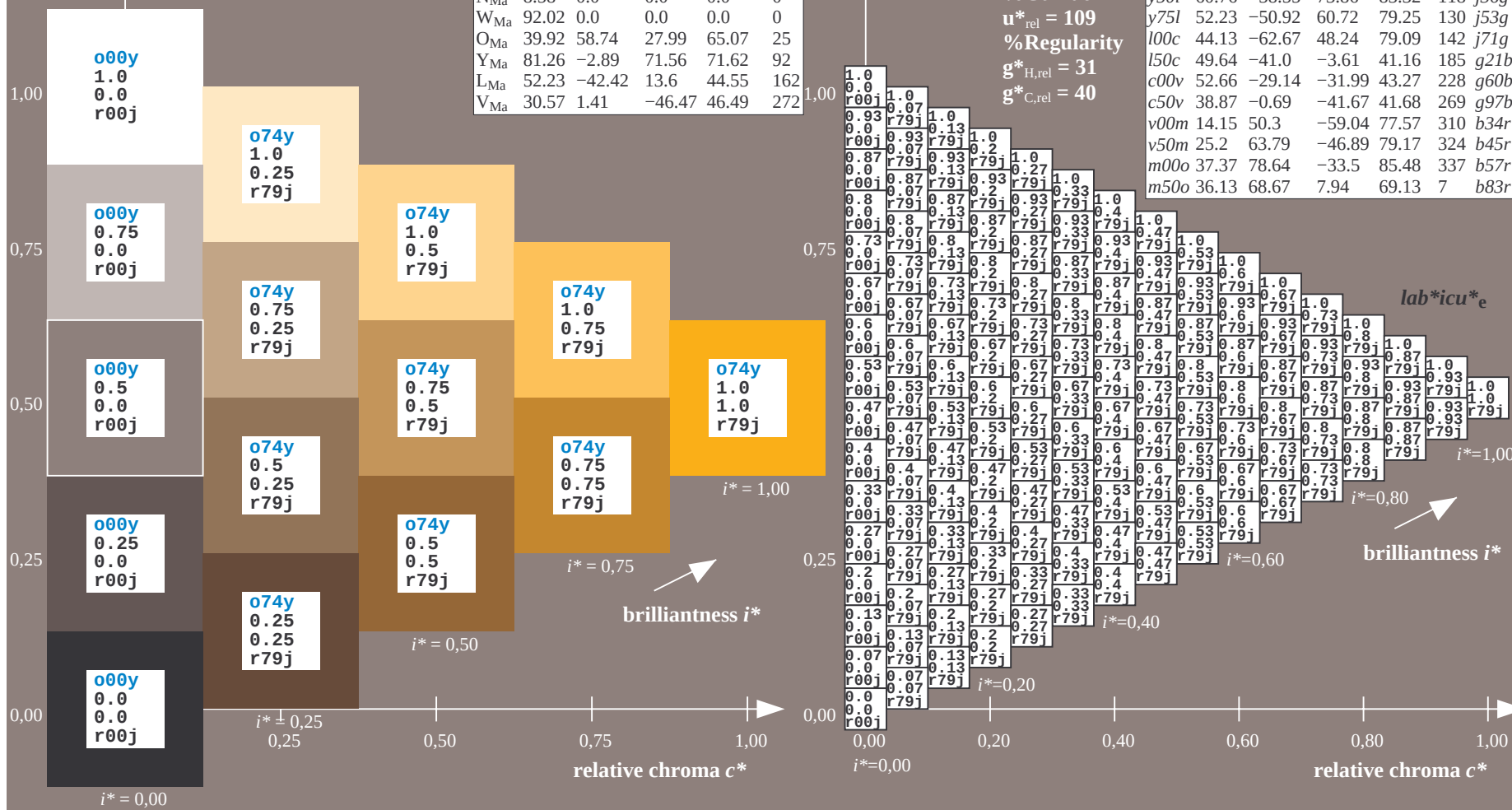
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = o75y$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

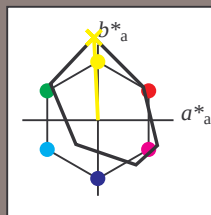
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 84 -5 109

$LAB^*LCH^*_{Ma}$: 84 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$lab^*icu^*_e$

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

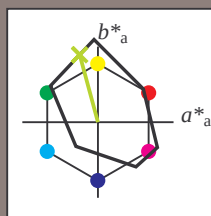
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 71 -24 89

$LAB^*LCH^*_{Ma}$: 71 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$lab^*icu^*_e$

$i^*=1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

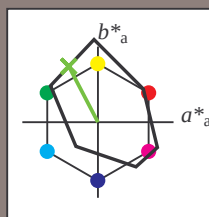
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 61 -39 74

$LAB^*LCH^*_{Ma}$: 61 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$lab^*icu^*_e$

$i^*=1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

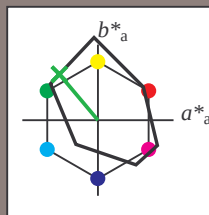
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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 -51 61

$LAB^*LCH^*_{Ma}$: 52 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

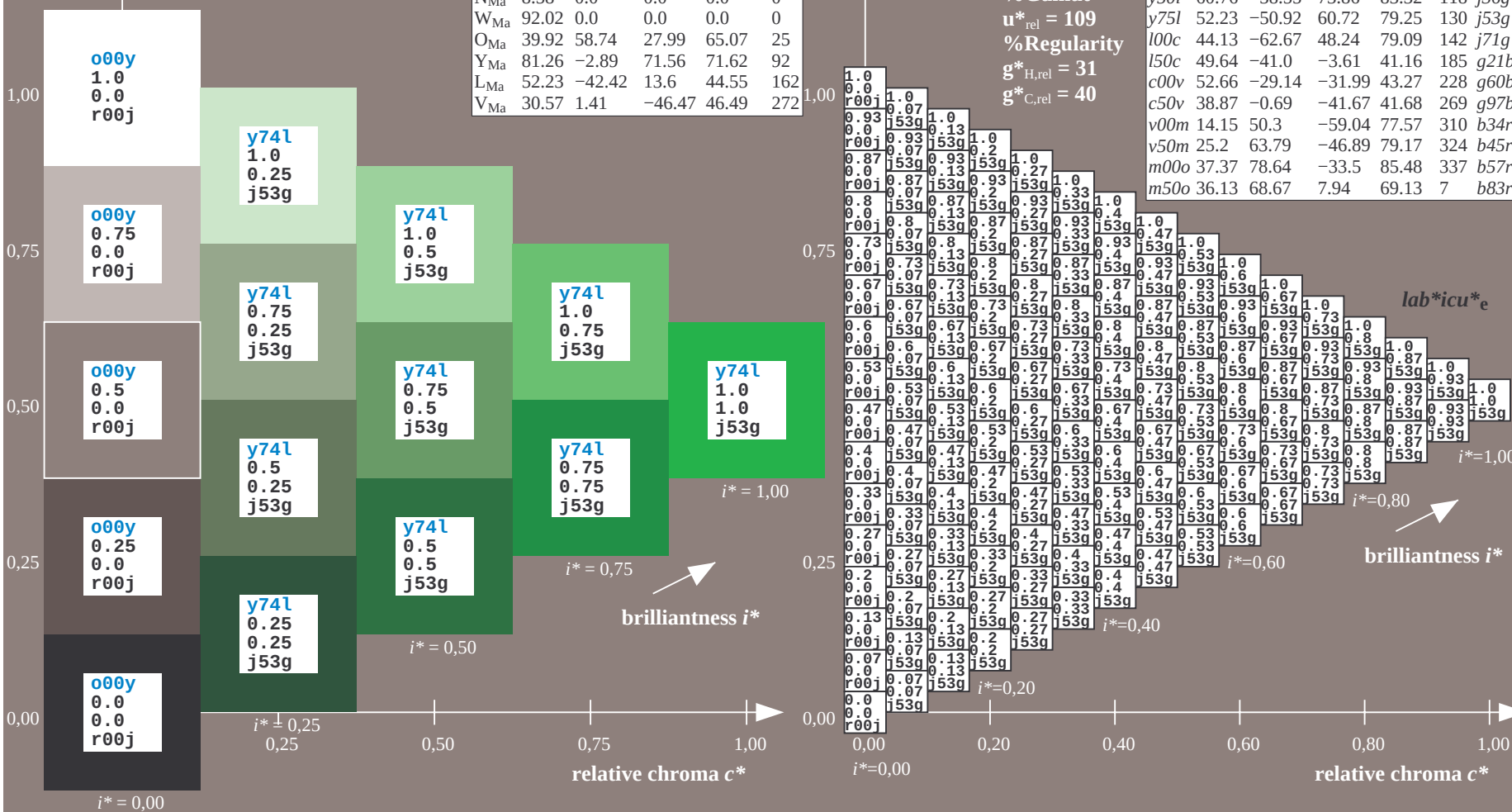
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = y75l$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

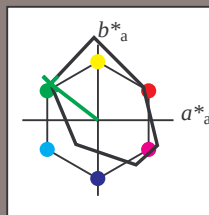
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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 -63 48

$LAB^*LCH^*_{Ma}$: 44 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

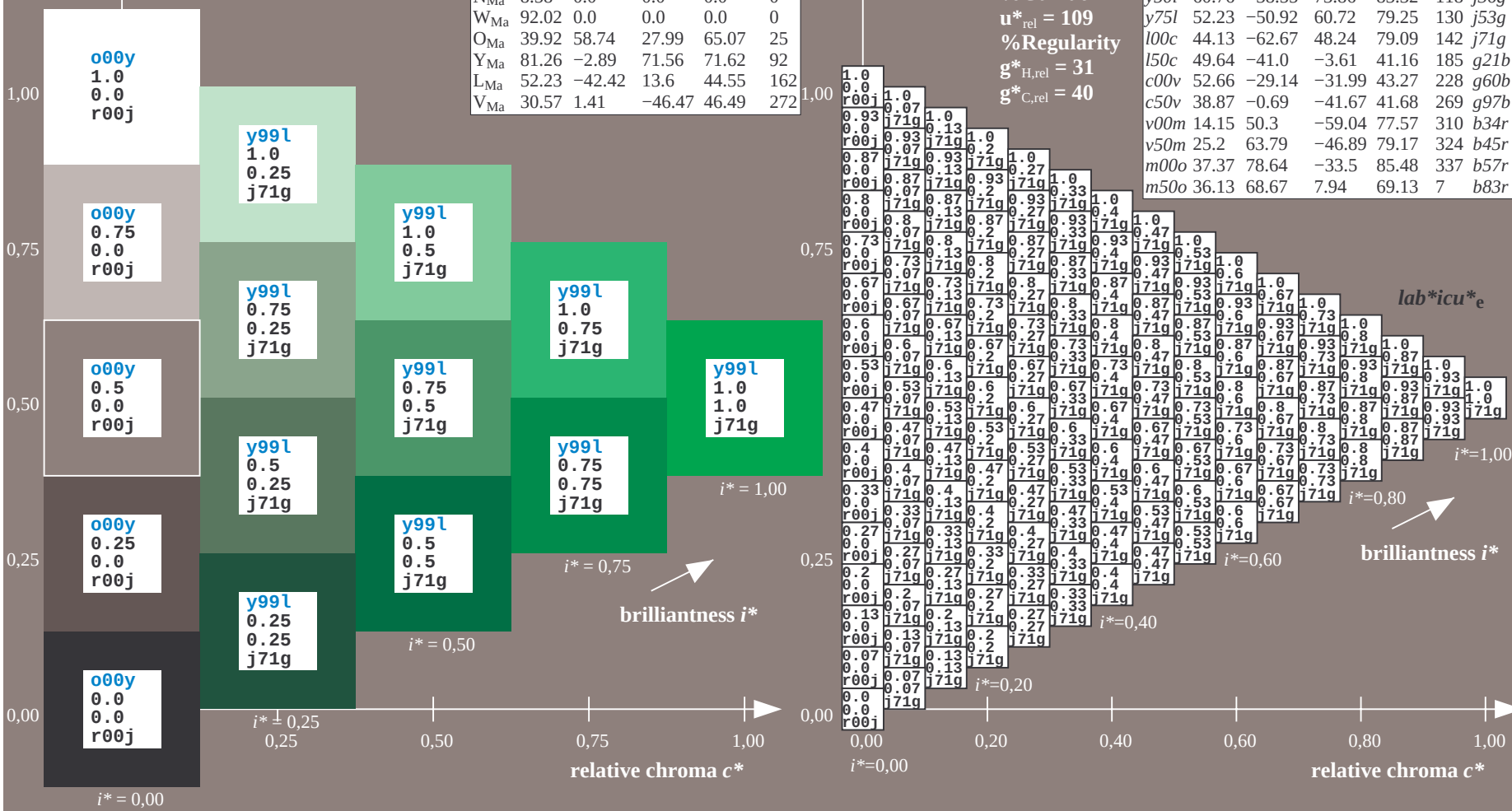
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = 100c$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

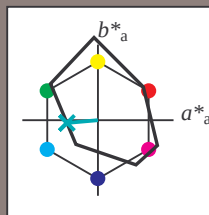
Hue texts:

$u^*_d = 150c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 50 -41 -4

$LAB^*LCH^*_{Ma}$: 50 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

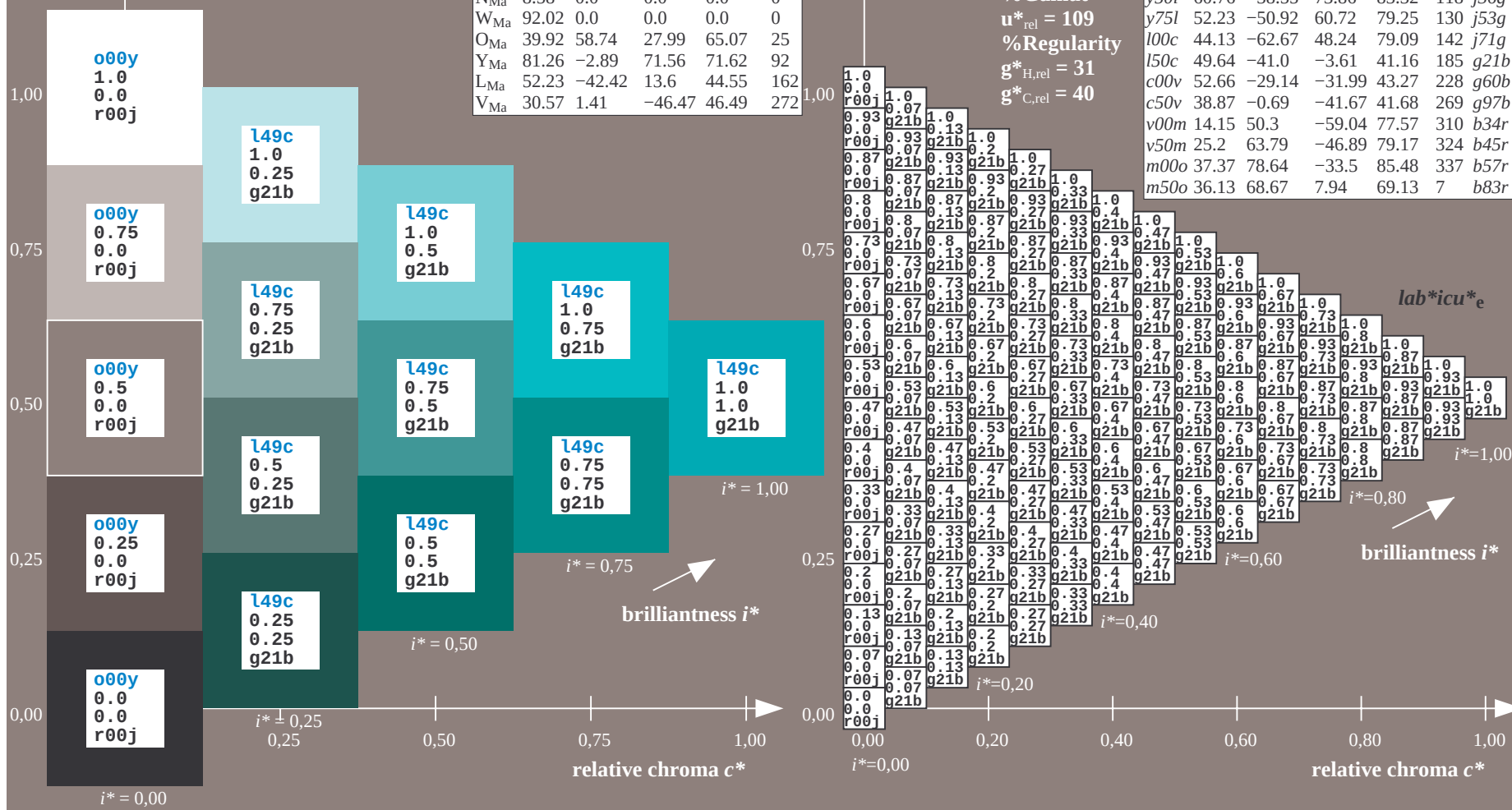
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = 150c$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

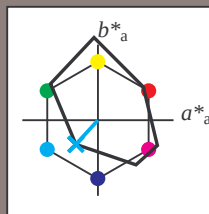
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 53 -29 -32

$LAB^*LCH^*_{Ma}$: 53 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

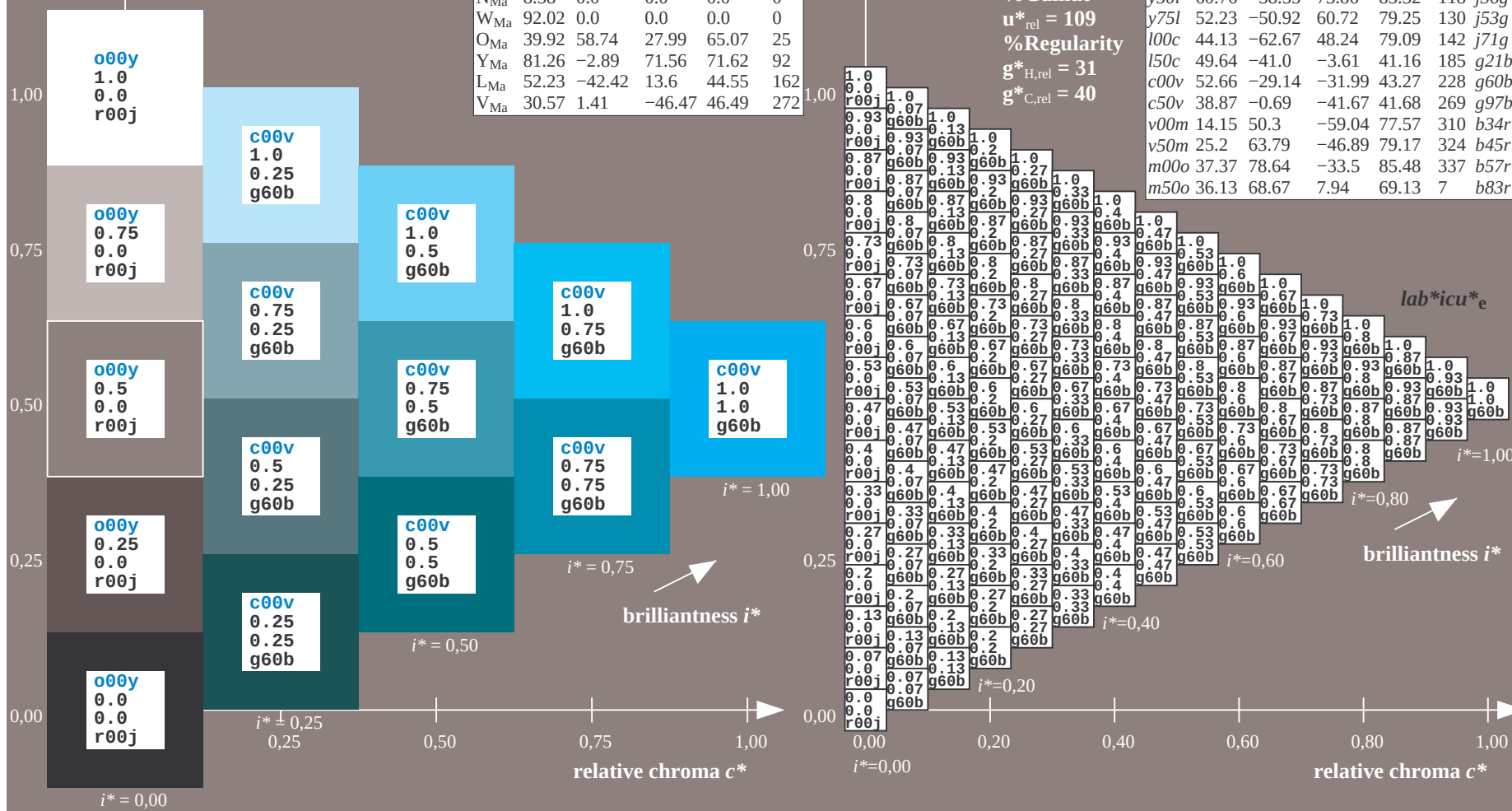
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = c00v$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

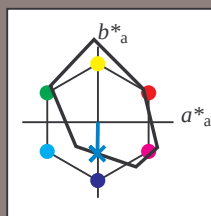
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 39 -1 -42

$LAB^*LCH^*_{Ma}$: 39 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

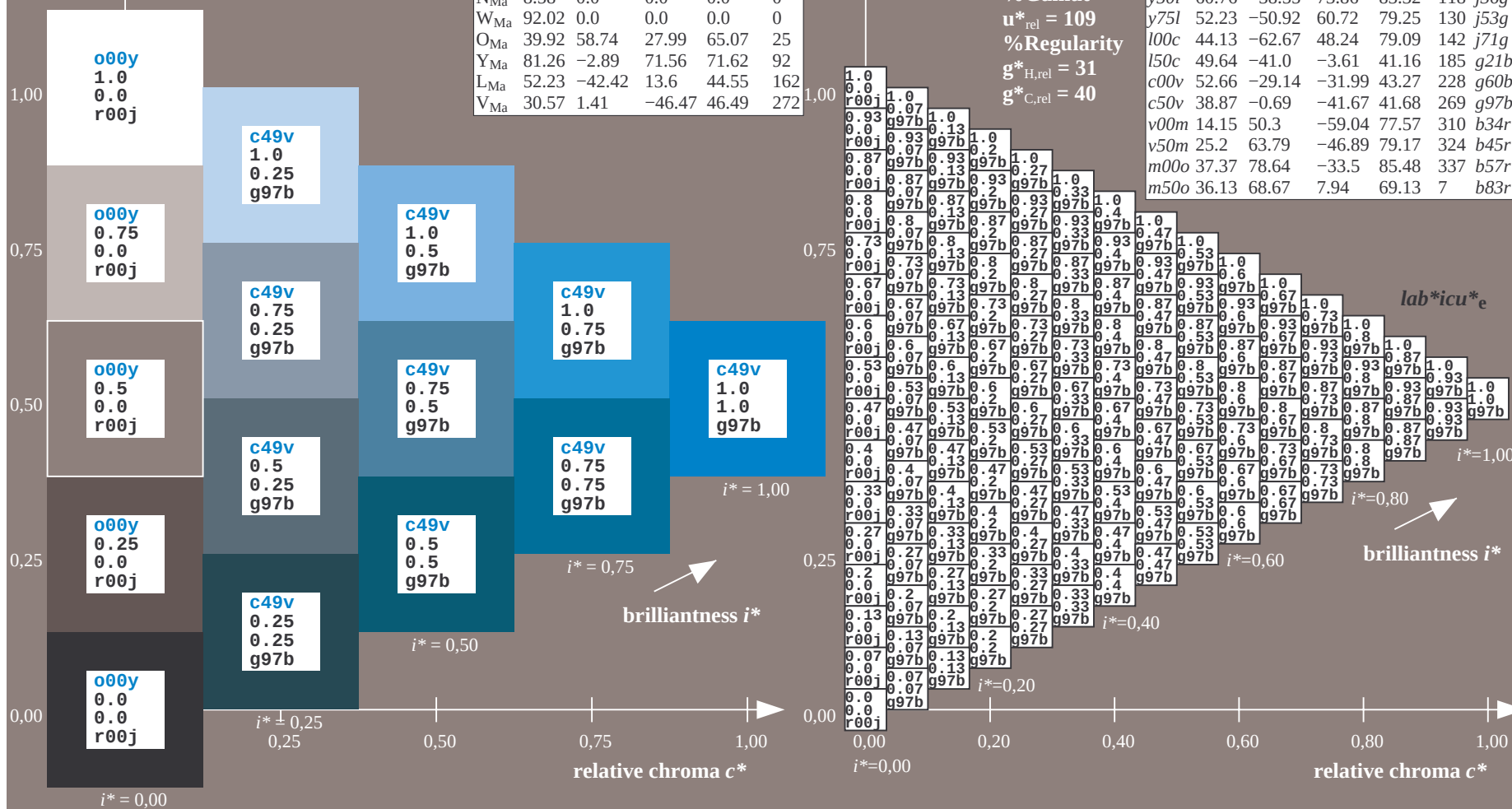
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

lab^*ch^* and lab^*icu^*

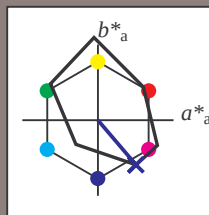
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 14 50 -59

$LAB^*LCH^*_{Ma}$: 14 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

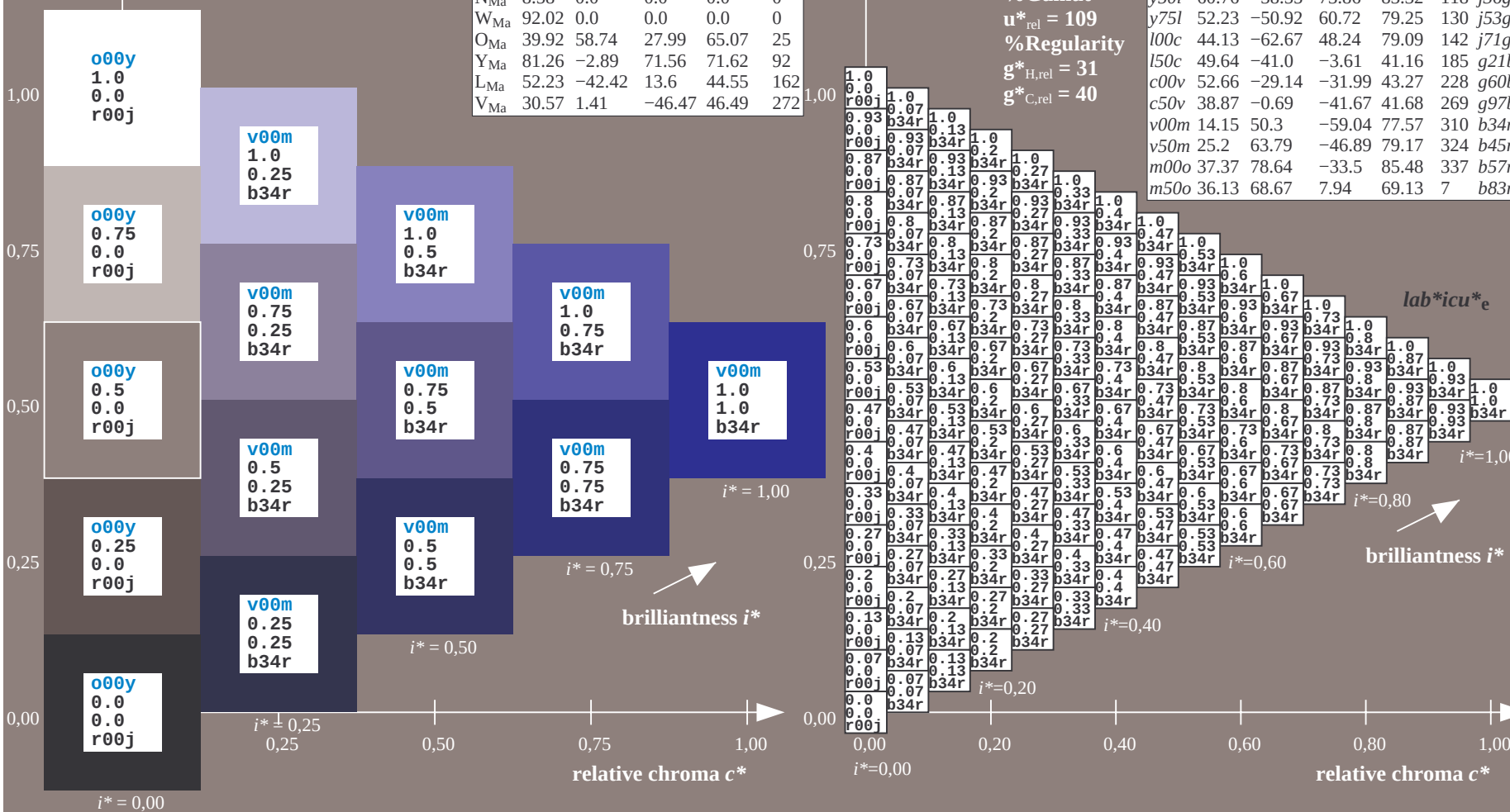
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = v00m$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

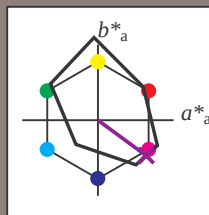
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	0.0	0.0	0.0	0
O _{Ma}	39.92	58.74	27.99	65.07	25
Y _{Ma}	81.26	-2.89	71.56	71.62	92
L _{Ma}	52.23	-42.42	13.6	44.55	162
V _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 25 64 -47

$LAB^*LCH^*_{Ma}$: 25 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

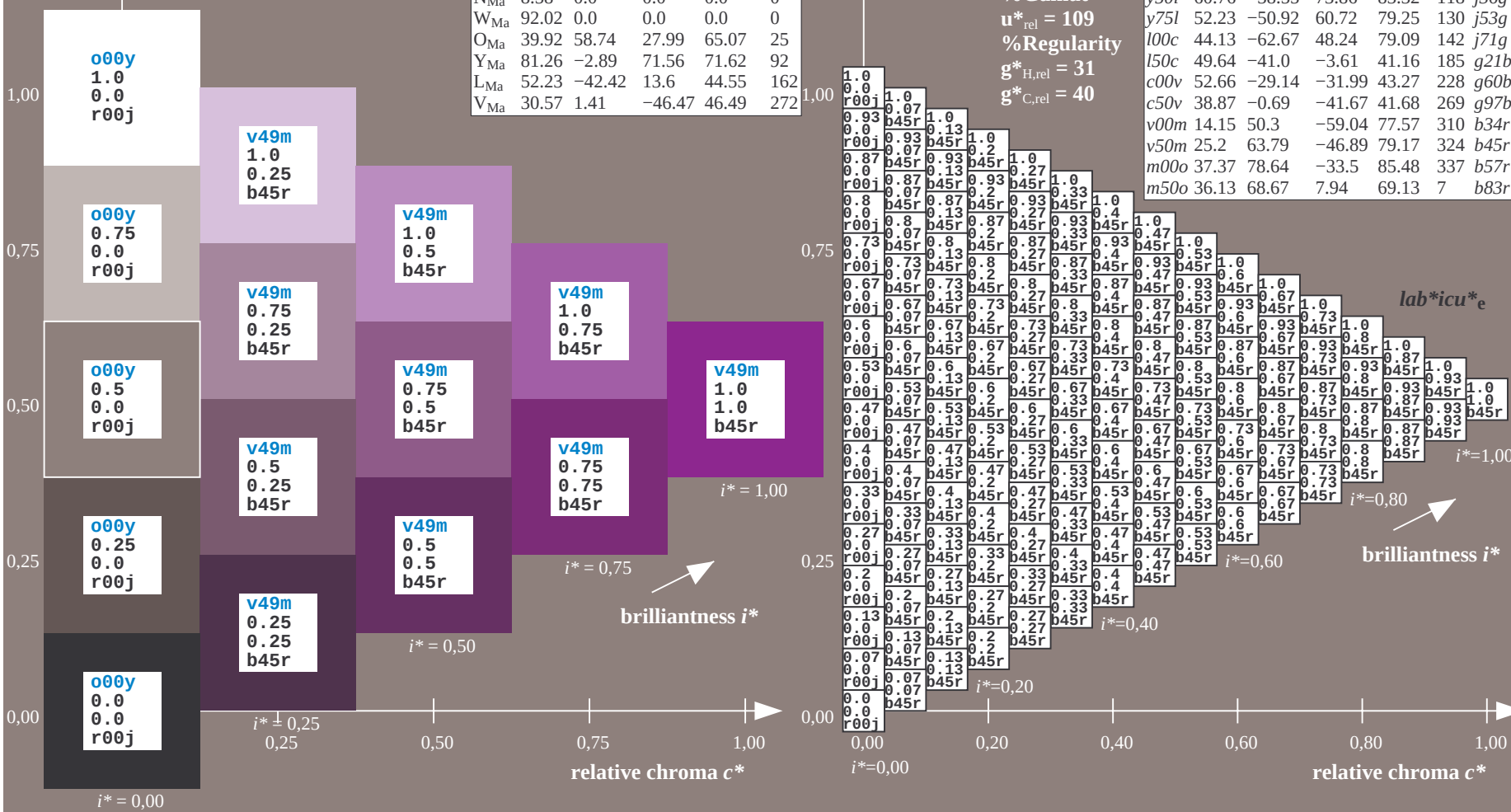
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = v50m$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

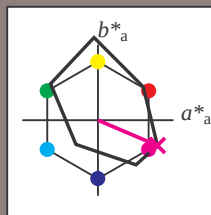
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	85.48	337
N _{Ma}	8.58	0.0	0.0	0.0	0
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 37 79 -34

$LAB^*LCH^*_{Ma}$: 37 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

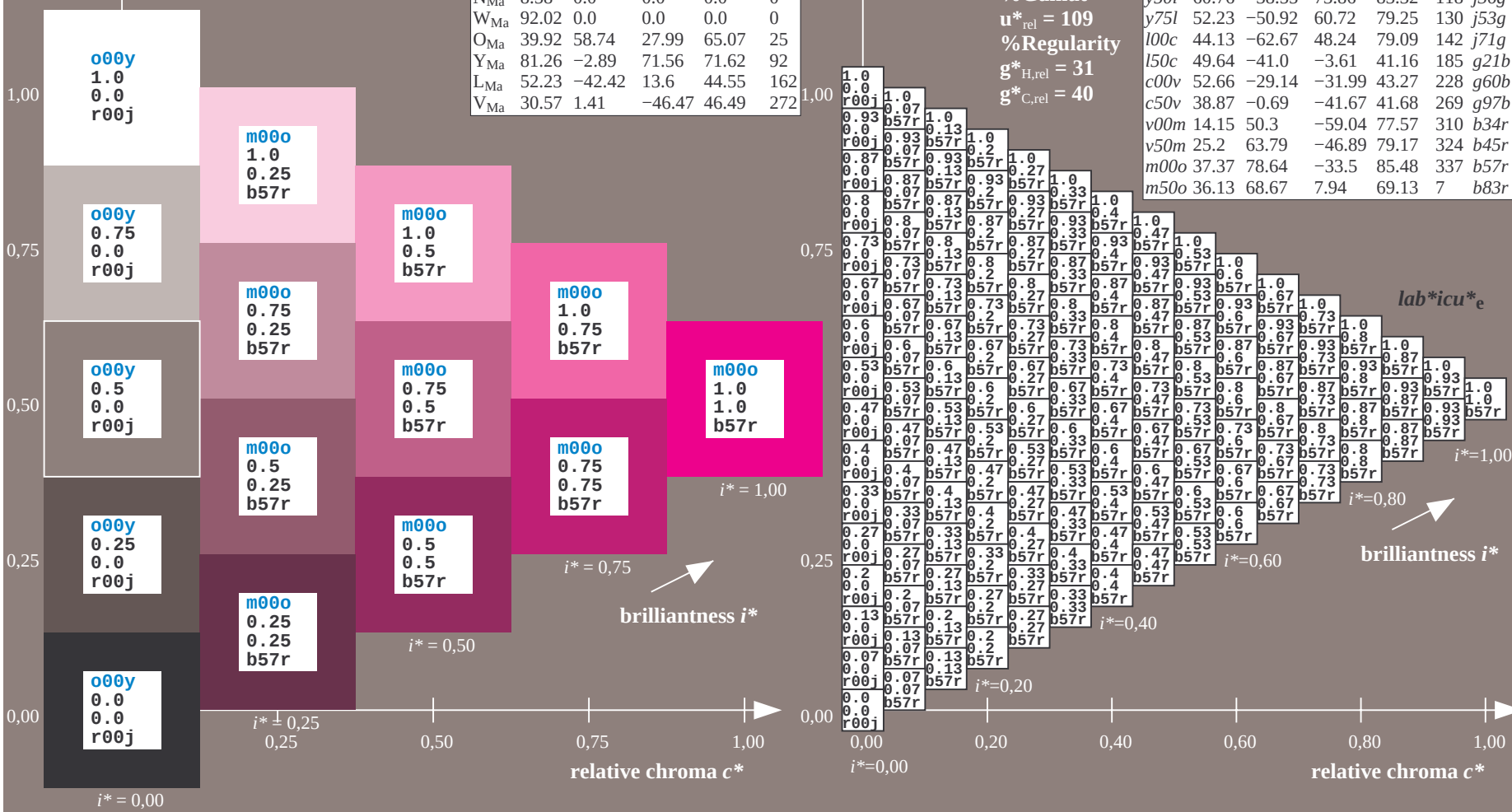
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

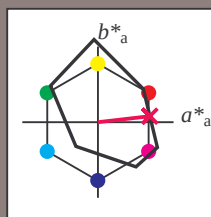
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = m00o$
 $lab^*icu^*_e$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = m50o$ $u^*_e = b83r$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-33.5	85.48	337	
N _{Ma}	8.58	0.0	0.0	0.0	0	
W _{Ma}	92.02	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):

$LAB^*LAB^*_{Ma}$: 36 69 8

$LAB^*LCH^*_{Ma}$: 36 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data						
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$lab^*icu^*_e$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

See for similar files: <http://www.ps.bam.de/Ee62/>; www.ps.bam.de
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpx=0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*icu*		
0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0		
0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0

Input and output:

Colorimetric Printer Reflective System FRS09_92aM
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

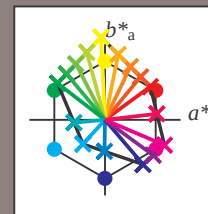
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 1.0$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



%Gamut

$u^*_{rel} = 109$

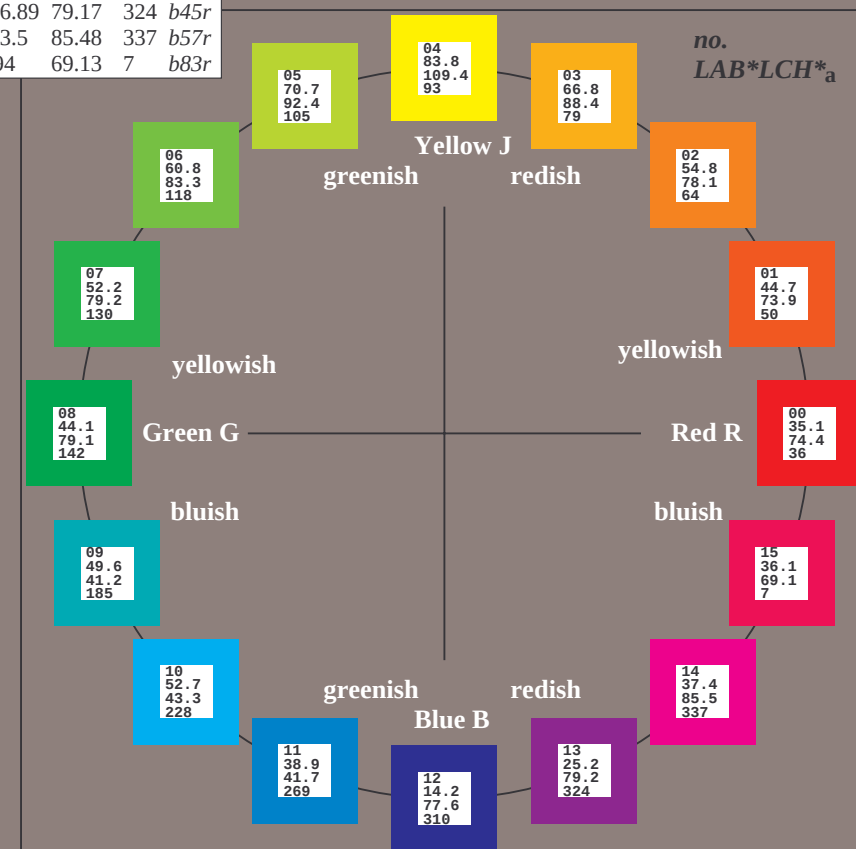
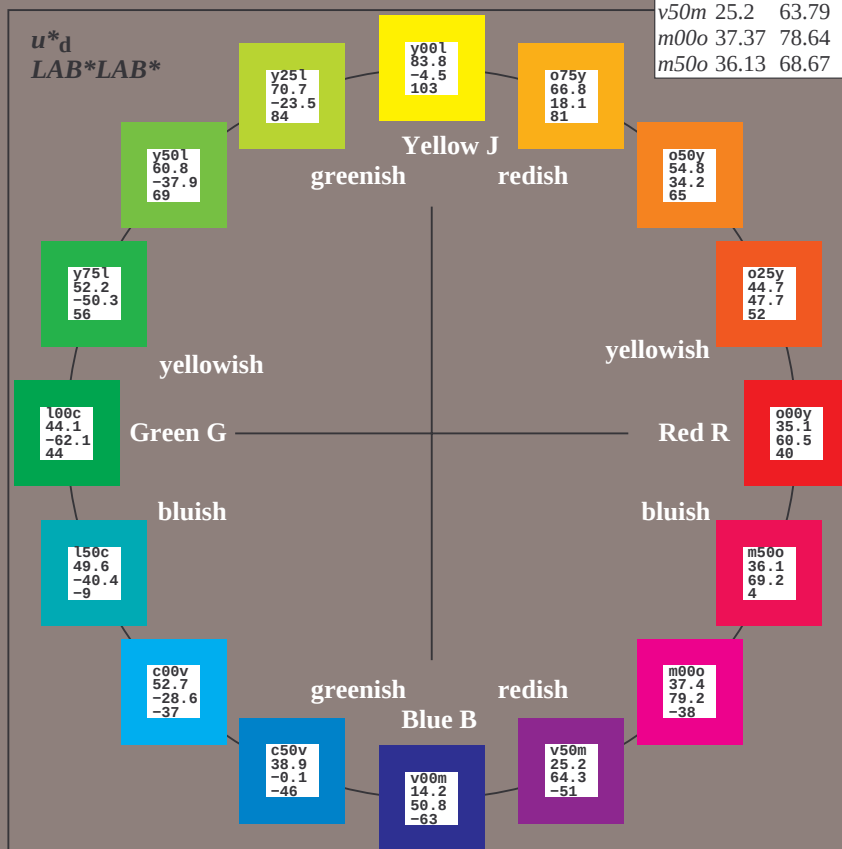
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92M; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

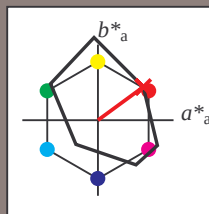
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	-2.89	71.56	71.62	92
L_M	52.23	-42.42	13.6	44.55	162
V_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 35 60 44

$LAB^*LCH^*_Ma$: 35 74 36

$lab^*olv^*_Ma$: 1.0 0.0 0.0

$lab^*rgb^*_Ma$: 1.0 0.16 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

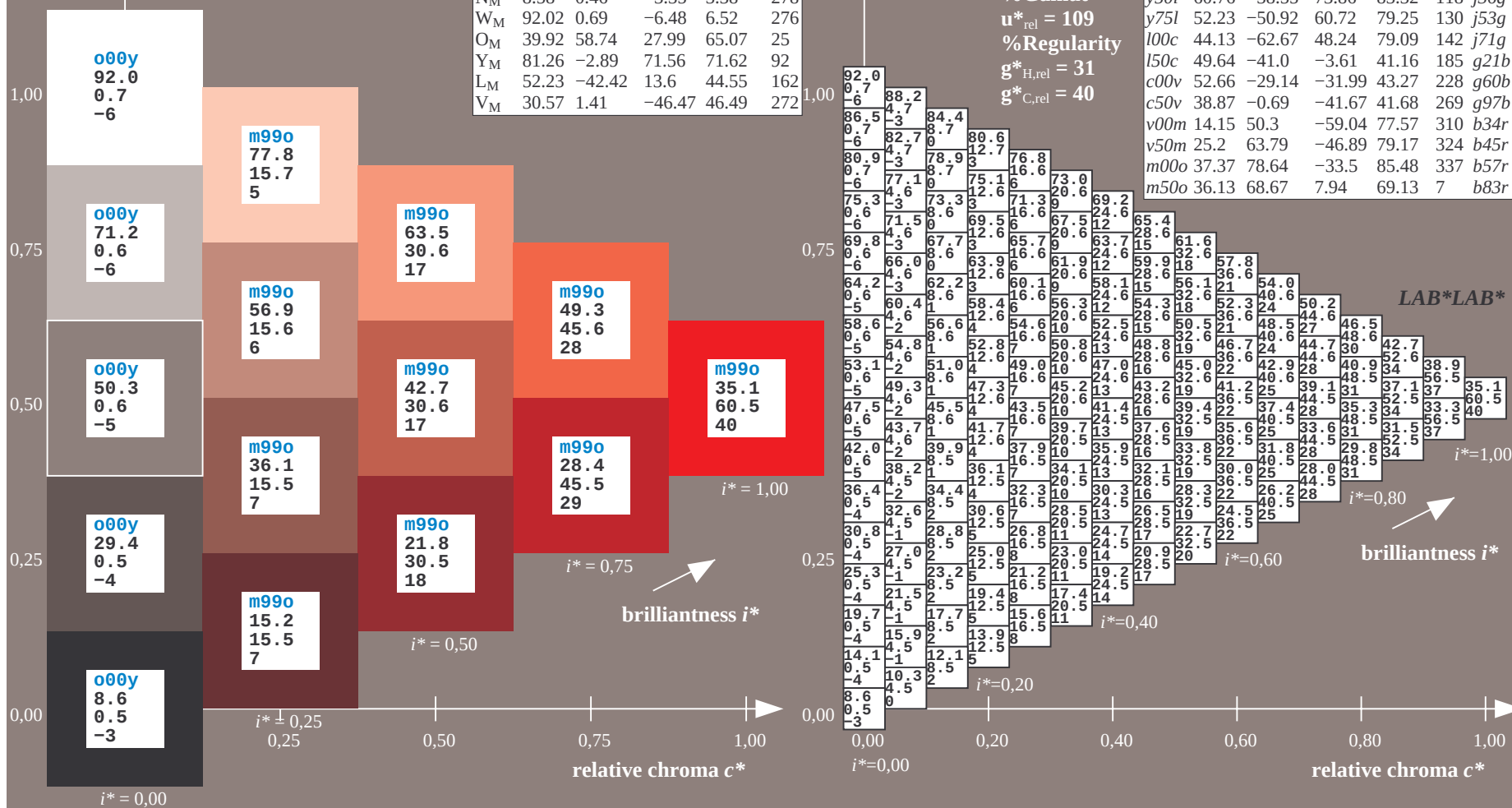
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

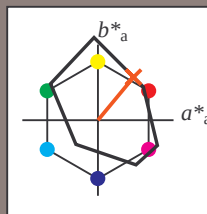
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	-2.89	71.56	71.62	92
L_M	52.23	-42.42	13.6	44.55	162
V_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 45 47 57

$LAB^*LCH^*_Ma$: 45 74 50

$lab^*olv^*_Ma$: 1.0 0.25 0.0

$lab^*rgb^*_Ma$: 1.0 0.37 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

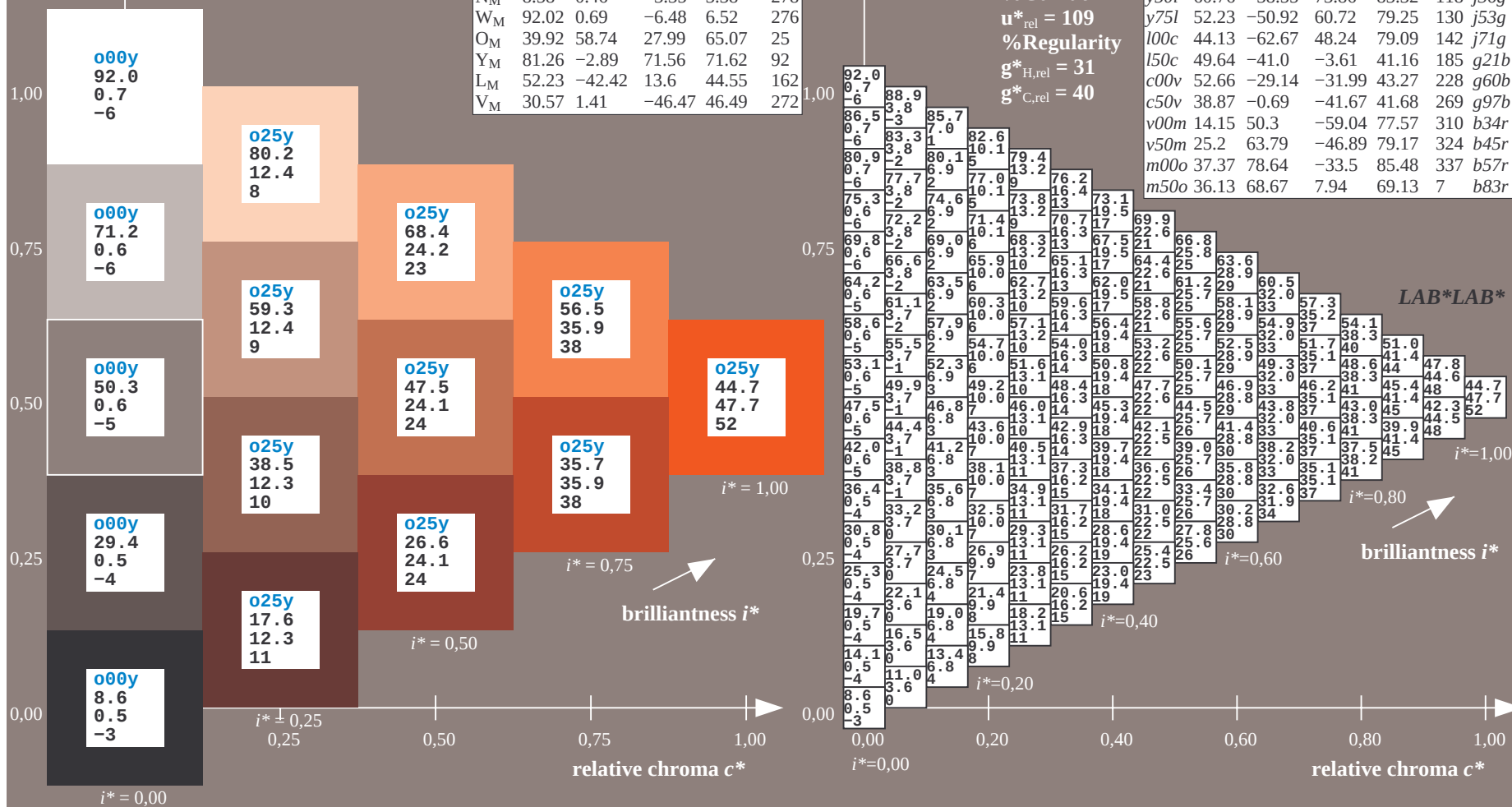
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

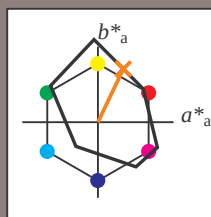
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	35.06	60.53	39.66	72.37	33	
Y_M	83.77	-4.5	103.15	103.25	92	
L_M	44.13	-62.11	43.56	75.86	145	
C_M	52.66	-28.56	-36.99	46.73	232	
V_M	14.15	50.78	-62.6	80.61	309	
M_M	37.37	79.18	-37.93	87.8	334	
N_M	8.58	0.46	-3.35	3.38	278	
W_M	92.02	0.69	-6.48	6.52	276	
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):

$LAB^*LAB^*_Ma$: 55 34 70

$LAB^*LCH^*_Ma$: 55 78 64

$lab^*olv^*_Ma$: 1.0 0.5 0.0

$lab^*rgb^*_Ma$: 1.0 0.58 0.0

triangle lightness t^*

%Gamut

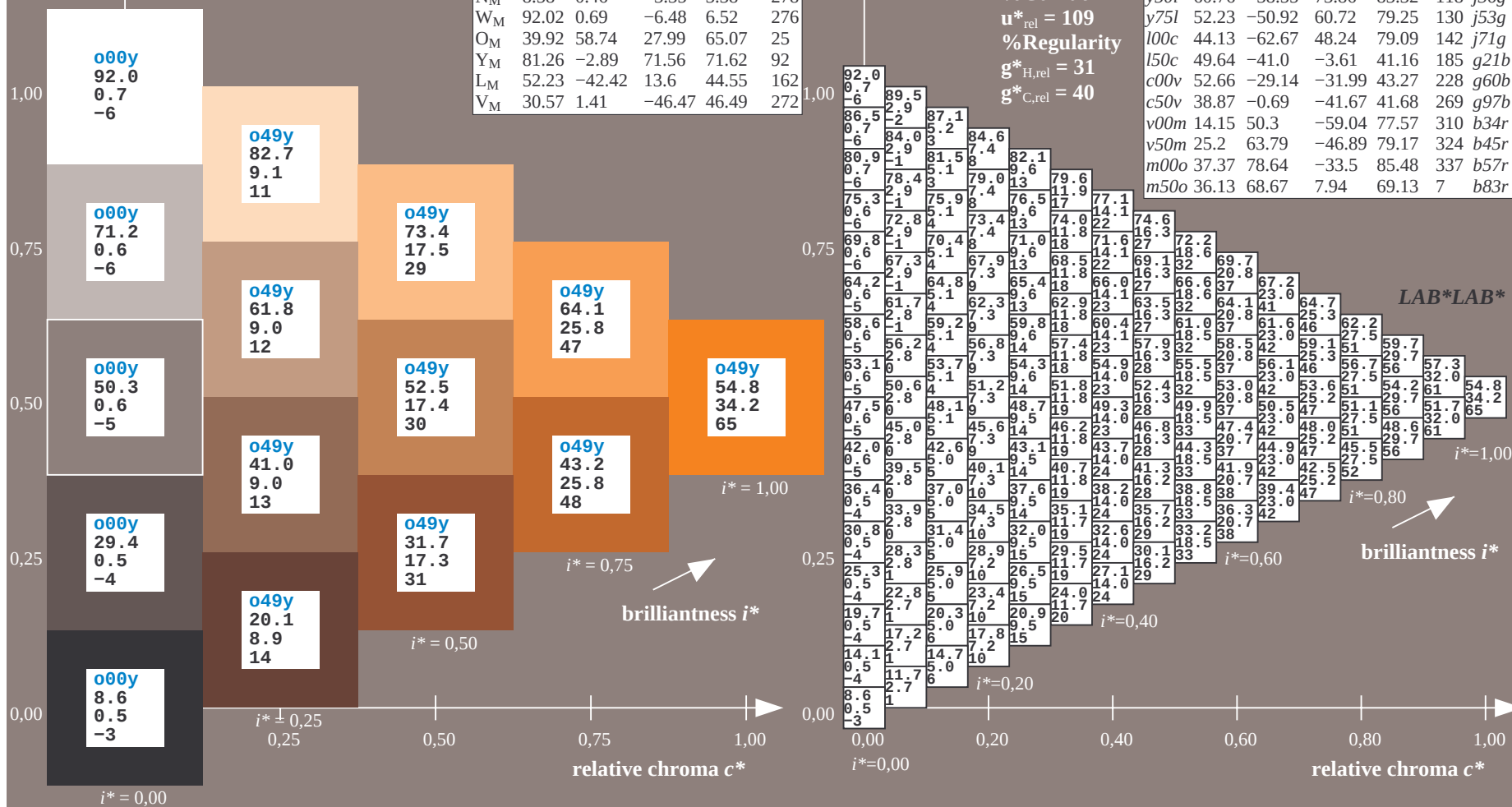
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

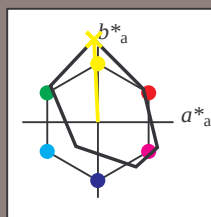
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	35.06	60.53	39.66	72.37	33	
Y_M	83.77	-4.5	103.15	103.25	92	
L_M	44.13	-62.11	43.56	75.86	145	
C_M	52.66	-28.56	-36.99	46.73	232	
V_M	14.15	50.78	-62.6	80.61	309	
M_M	37.37	79.18	-37.93	87.8	334	
N_M	8.58	0.46	-3.35	3.38	278	
W_M	92.02	0.69	-6.48	6.52	276	
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):

$LAB^*LAB^*_Ma: 84 -5 109$

$LAB^*LCH^*_Ma: 84 109 92$

$lab^*olv^*_Ma: 1.0 1.0 0.0$

$lab^*rgb^*_Ma: 0.99 1.0 0.0$

triangle lightness t^*

%Gamut

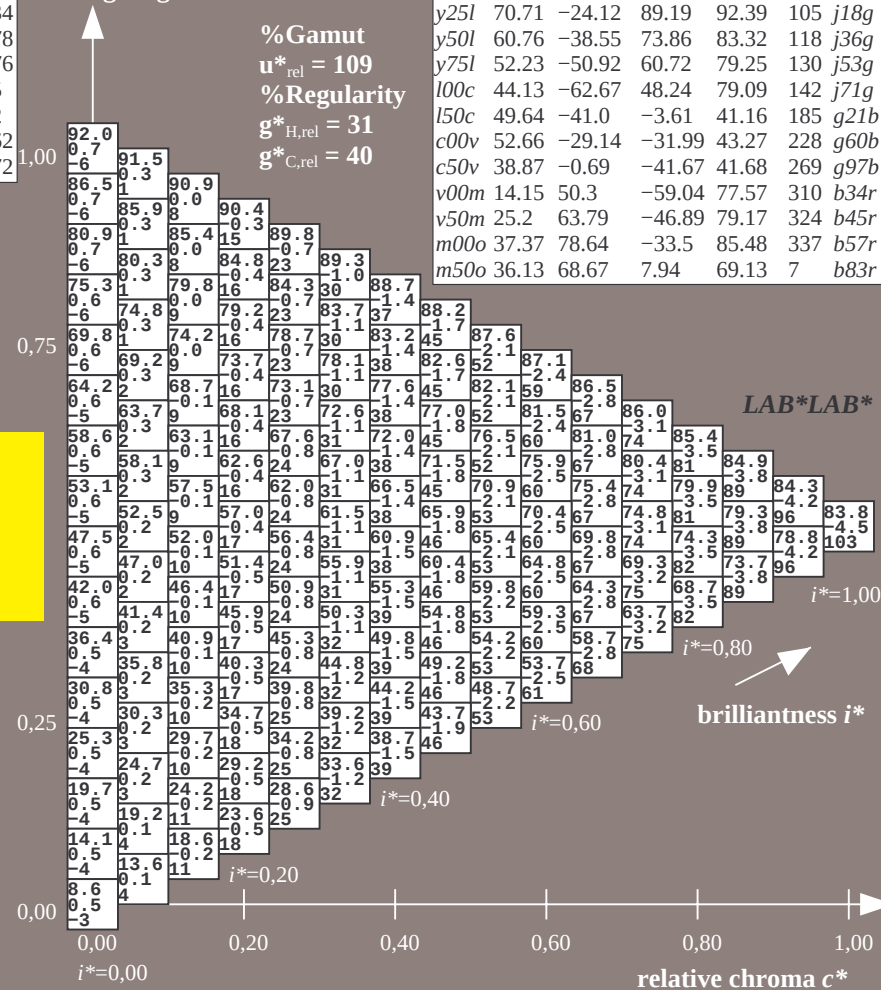
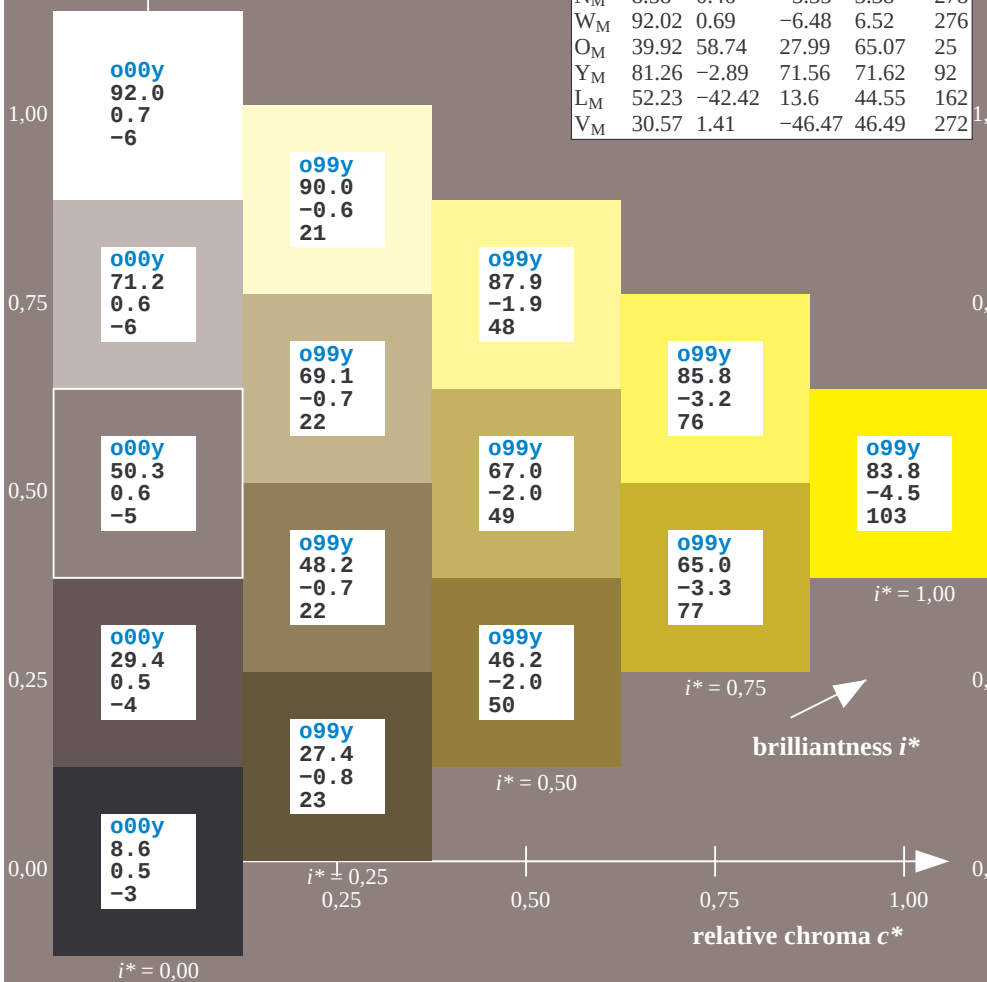
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

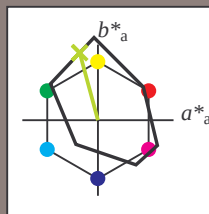
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_Ma$: 71 -24 89

$LAB^*LCH^*_Ma$: 71 92 105

$lab^*olv^*_Ma$: 0.75 1.0 0.0

$lab^*rgb^*_Ma$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

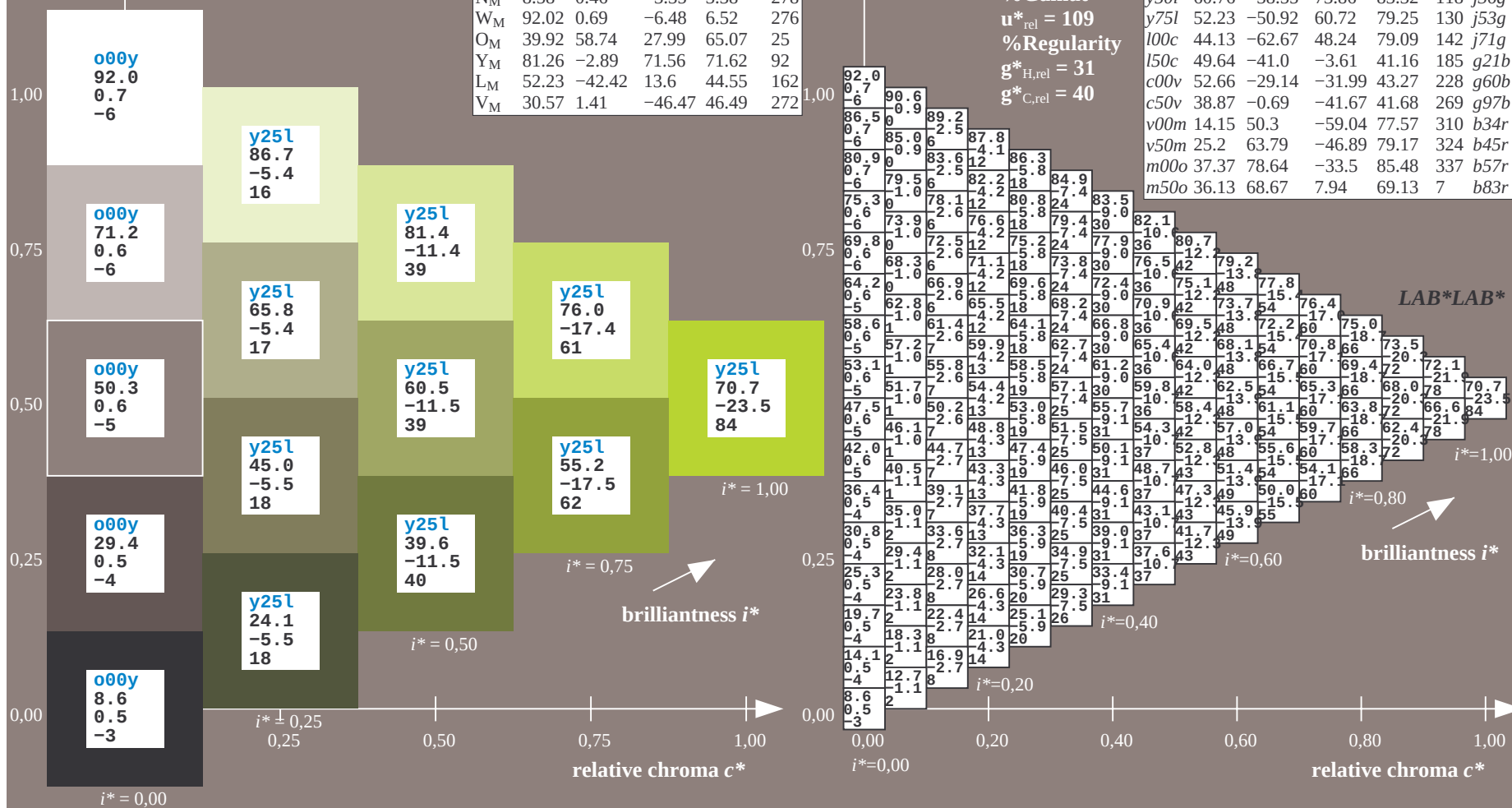
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

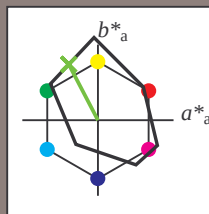
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	60.53	39.66	72.37	33
Y _M	83.77	-4.5	103.15	103.25	92
L _M	44.13	-62.11	43.56	75.86	145
C _M	52.66	-28.56	-36.99	46.73	232
V _M	14.15	50.78	-62.6	80.61	309
M _M	37.37	79.18	-37.93	87.8	334
N _M	8.58	0.46	-3.35	3.38	278
W _M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 61 -39 74

$LAB^*LCH^*_{Ma}$: 61 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

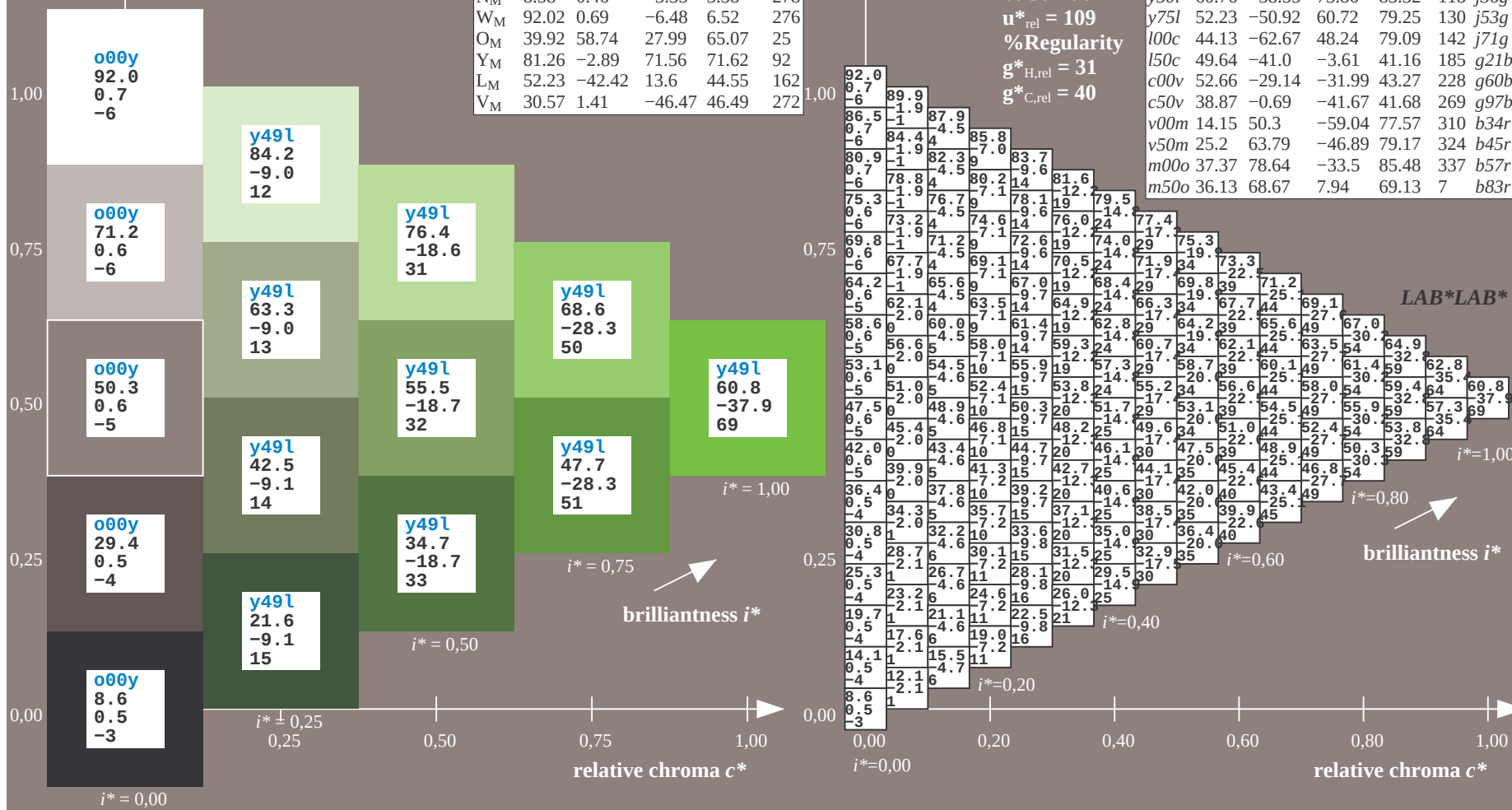
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

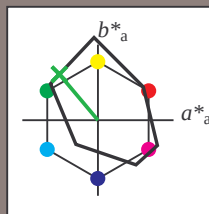
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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 -51 61

$LAB^*LCH^*_Ma$: 52 79 129

$lab^*olv^*_Ma$: 0.25 1.0 0.0

$lab^*rgb^*_Ma$: 0.46 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

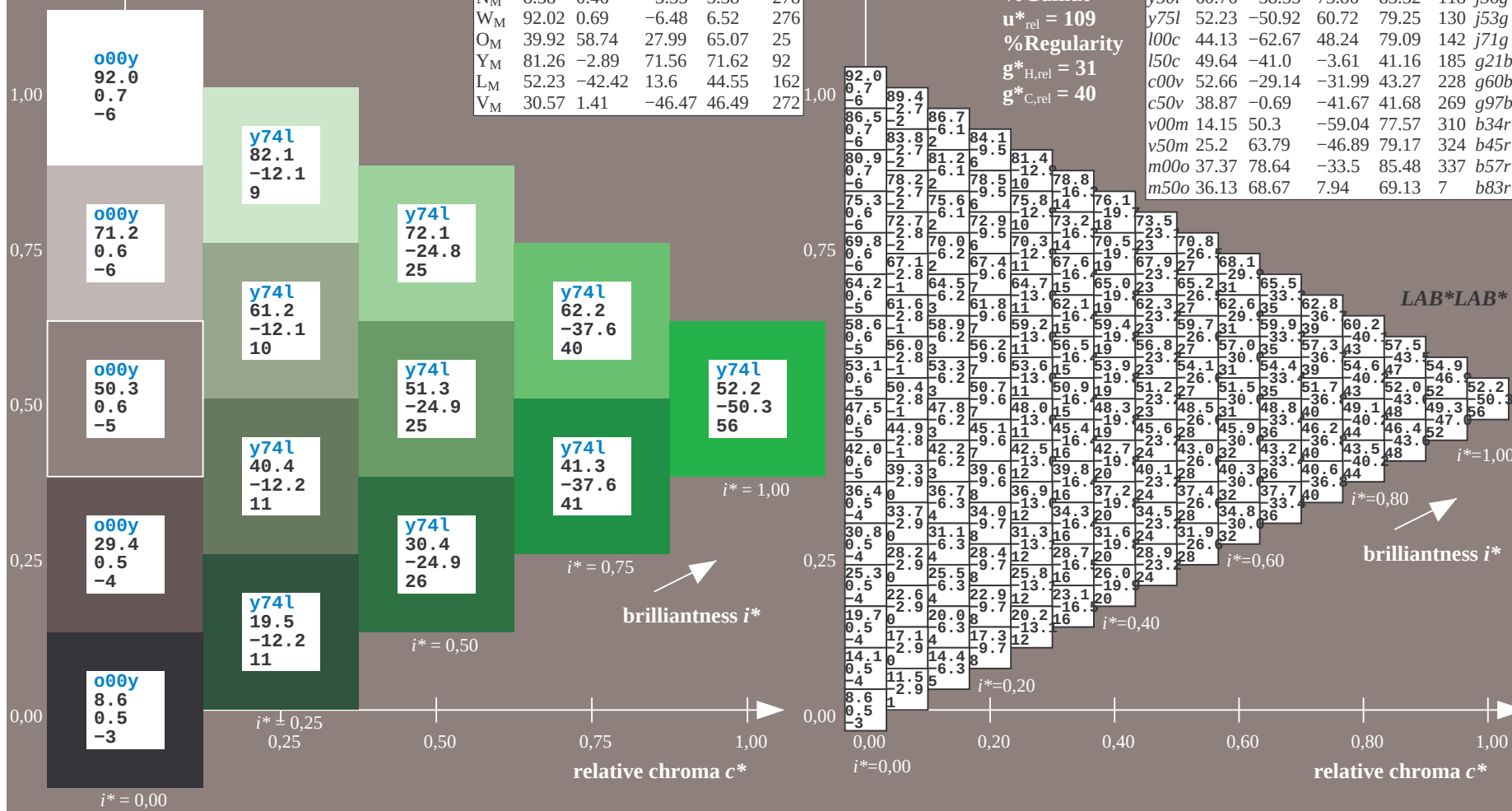
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

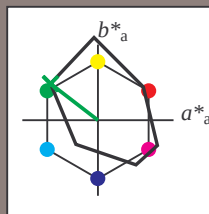
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	35.06	60.53	39.66	72.37	33	
Y_M	83.77	-4.5	103.15	103.25	92	
L_M	44.13	-62.11	43.56	75.86	145	
C_M	52.66	-28.56	-36.99	46.73	232	
V_M	14.15	50.78	-62.6	80.61	309	
M_M	37.37	79.18	-37.93	87.8	334	
N_M	8.58	0.46	-3.35	3.38	278	
W_M	92.02	0.69	-6.48	6.52	276	
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 -63 48

$LAB^*LCH^*_{Ma}$: 44 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

%Gamut

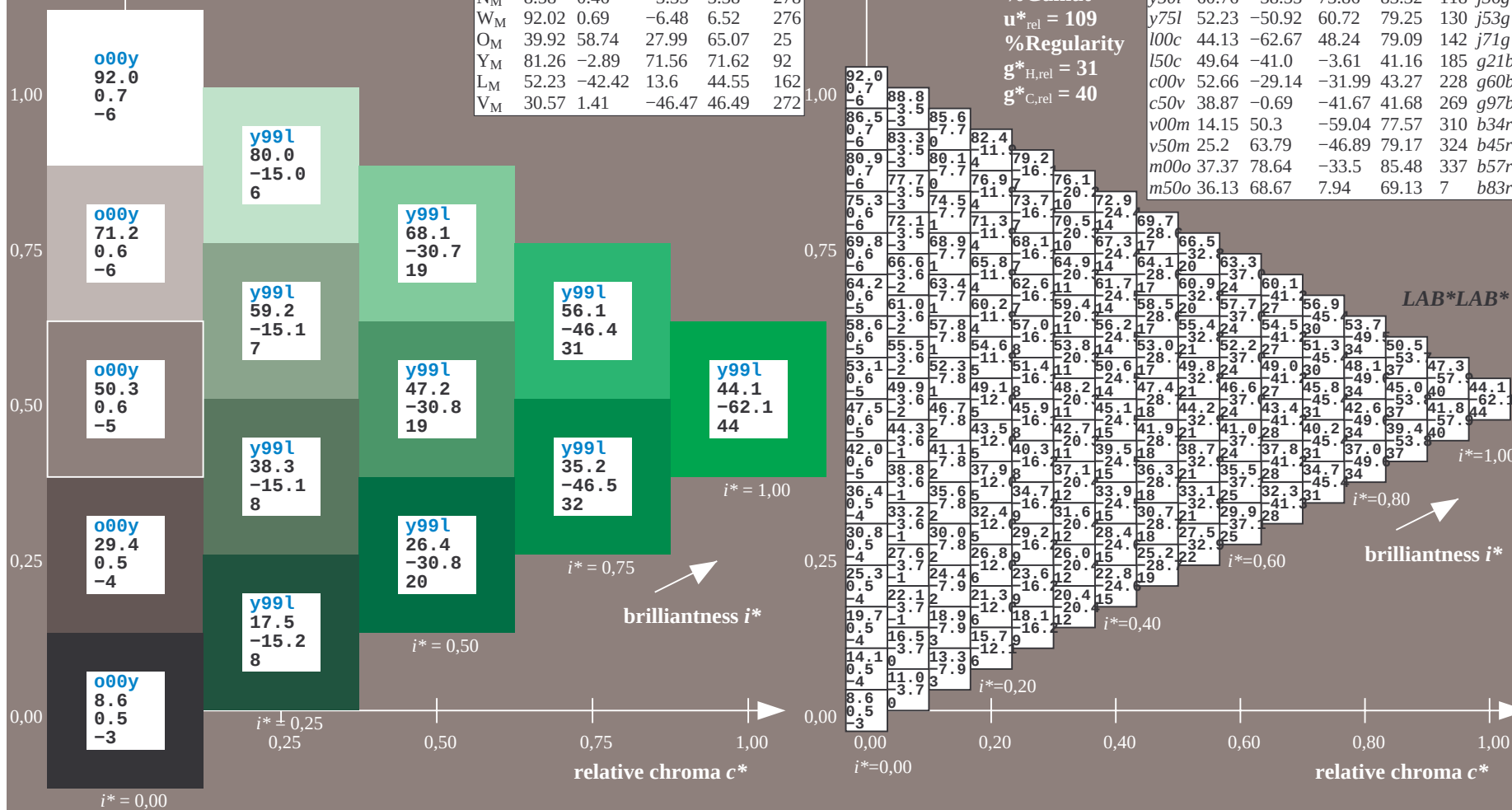
$u^*_{rel} = 109$

%Regularity

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

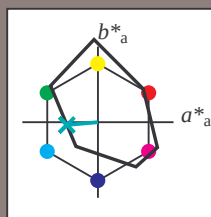
$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = 150c$ $u^*_e = g21b$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92M; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	35.06	60.53	39.66	72.37	33	
Y_M	83.77	-4.5	103.15	103.25	92	
L_M	44.13	-62.11	43.56	75.86	145	
C_M	52.66	-28.56	-36.99	46.73	232	
V_M	14.15	50.78	-62.6	80.61	309	
M_M	37.37	79.18	-37.93	87.8	334	
N_M	8.58	0.46	-3.35	3.38	278	
W_M	92.02	0.69	-6.48	6.52	276	
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):

$LAB^*LAB^*_Ma: 50 -41 -4$

$LAB^*LCH^*_Ma: 50 41 185$

$lab^*olv^*_Ma: 0.0 1.0 0.5$

$lab^*rgb^*_Ma: 0.0 1.0 0.42$

triangle lightness t^*

%Gamut

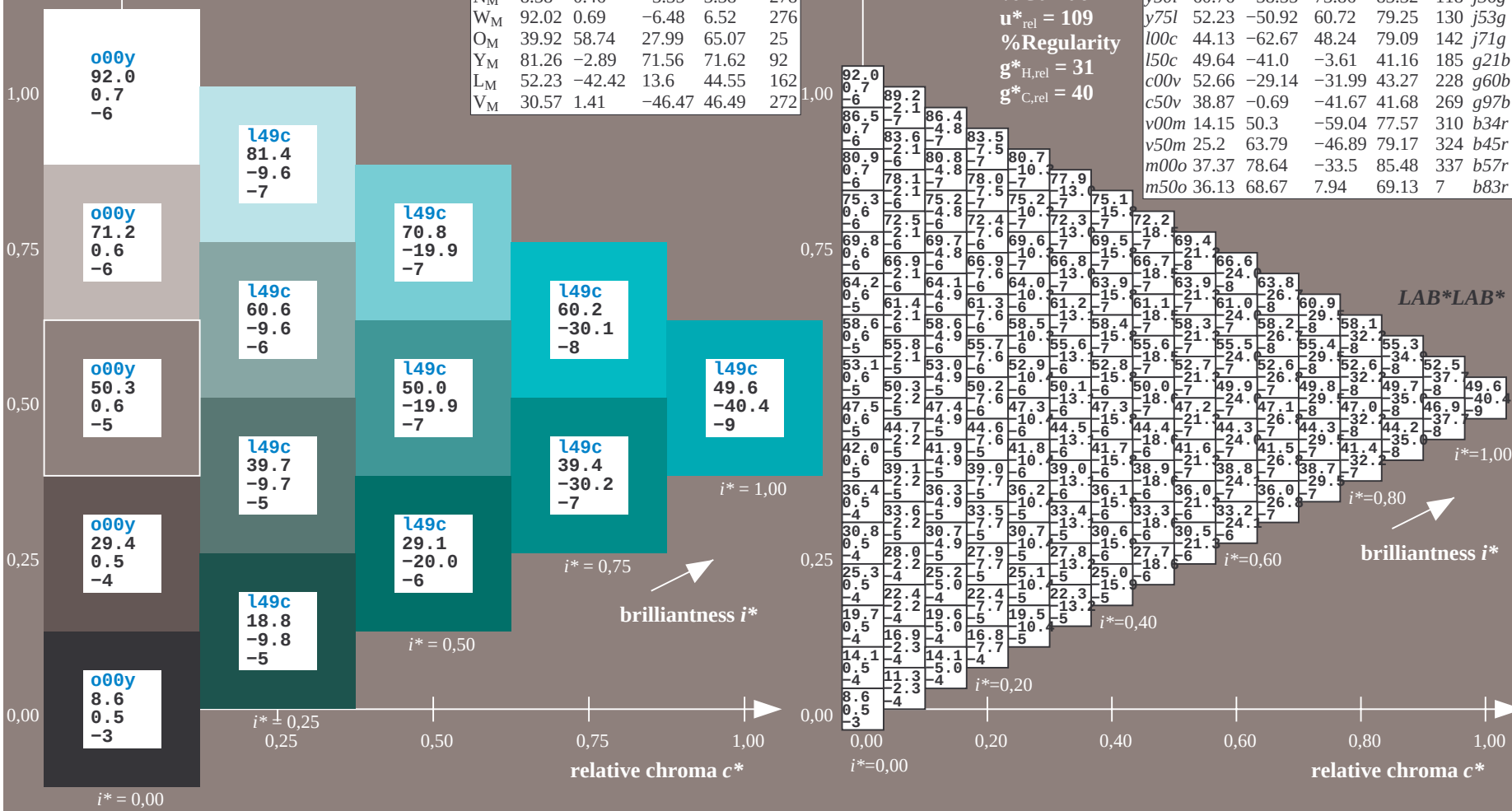
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

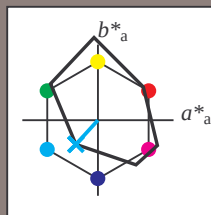
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_Ma: 53 -29 -32$

$LAB^*LCH^*_Ma: 53 43 227$

$lab^*olv^*_Ma: 0.0 1.0 1.0$

$lab^*rgb^*_Ma: 0.0 0.8 1.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

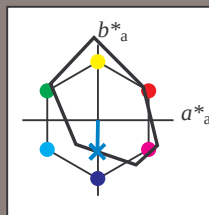
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_Ma$: 39 -1 -42

$LAB^*LCH^*_Ma$: 39 42 269

$lab^*olv^*_Ma$: 0.0 0.5 1.0

$lab^*rgb^*_Ma$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

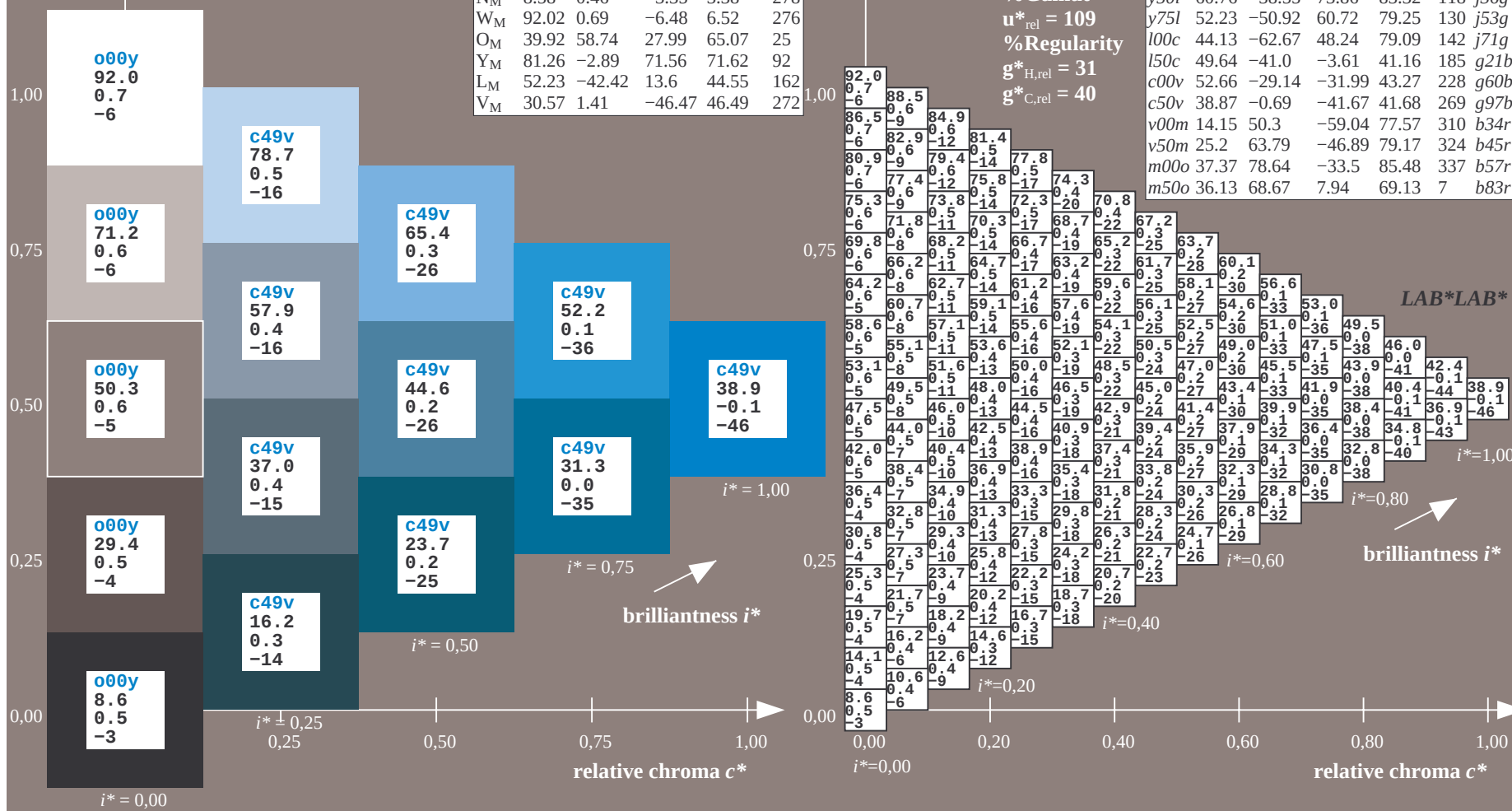
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

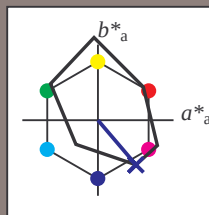
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	60.53	39.66	72.37	33
Y _M	83.77	-4.5	103.15	103.25	92
L _M	44.13	-62.11	43.56	75.86	145
C _M	52.66	-28.56	-36.99	46.73	232
V _M	14.15	50.78	-62.6	80.61	309
M _M	37.37	79.18	-37.93	87.8	334
N _M	8.58	0.46	-3.35	3.38	278
W _M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 14 50 -59

$LAB^*LCH^*_{Ma}$: 14 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

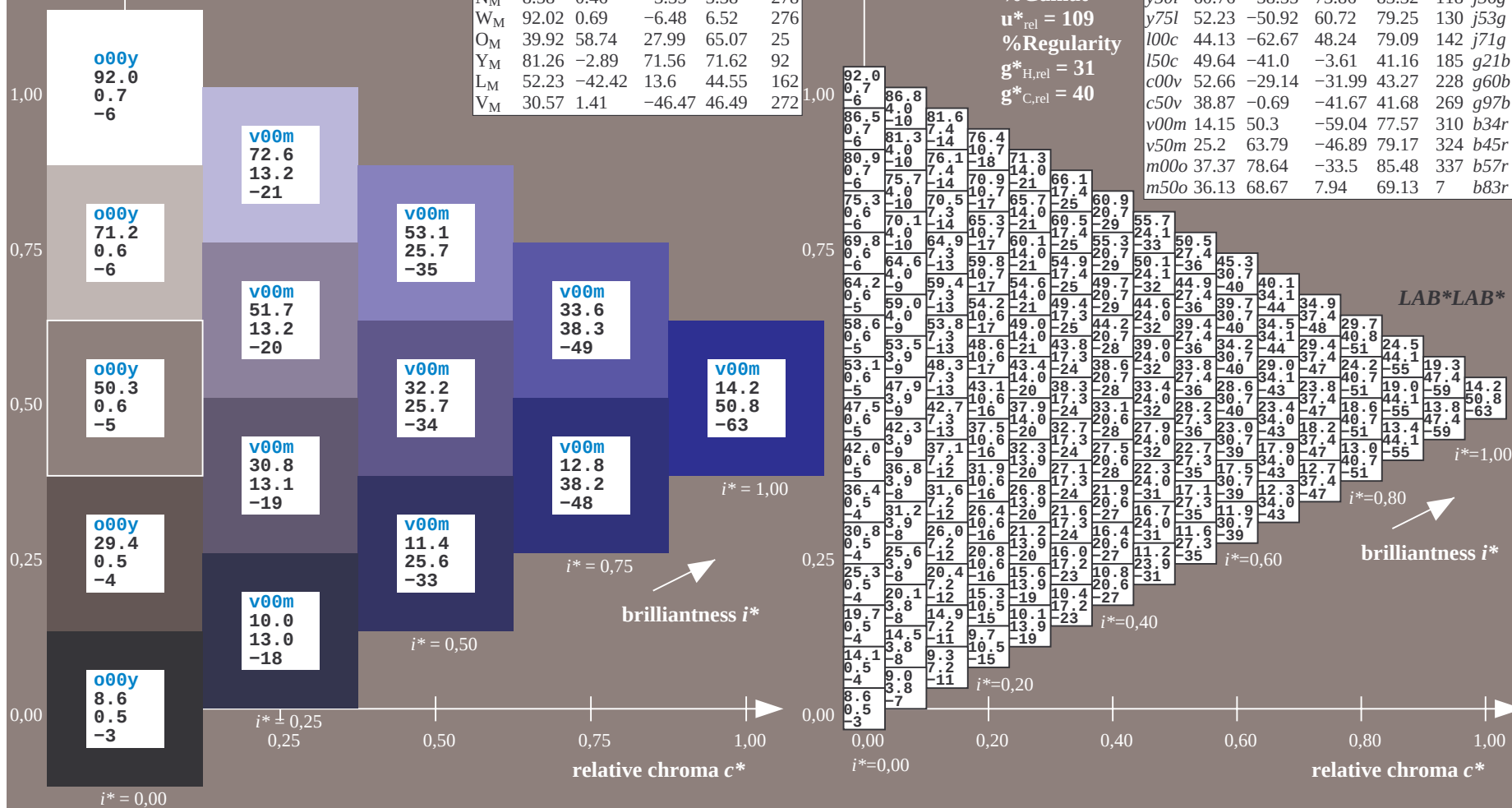
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

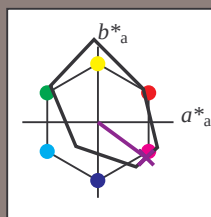
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data						
	u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33	
Y_M	83.77	-4.5	103.15	103.25	92	
L_M	44.13	-62.11	43.56	75.86	145	
C_M	52.66	-28.56	-36.99	46.73	232	
V_M	14.15	50.78	-62.6	80.61	309	
M_M	37.37	79.18	-37.93	87.8	334	
N_M	8.58	0.46	-3.35	3.38	278	
W_M	92.02	0.69	-6.48	6.52	276	
O_M	39.92	58.74	27.99	65.07	25	
Y_M	81.26	-2.89	71.56	71.62	92	
L_M	52.23	-42.42	13.6	44.55	162	
V_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 25 64 -47

$LAB^*LCH^*_{Ma}$: 25 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

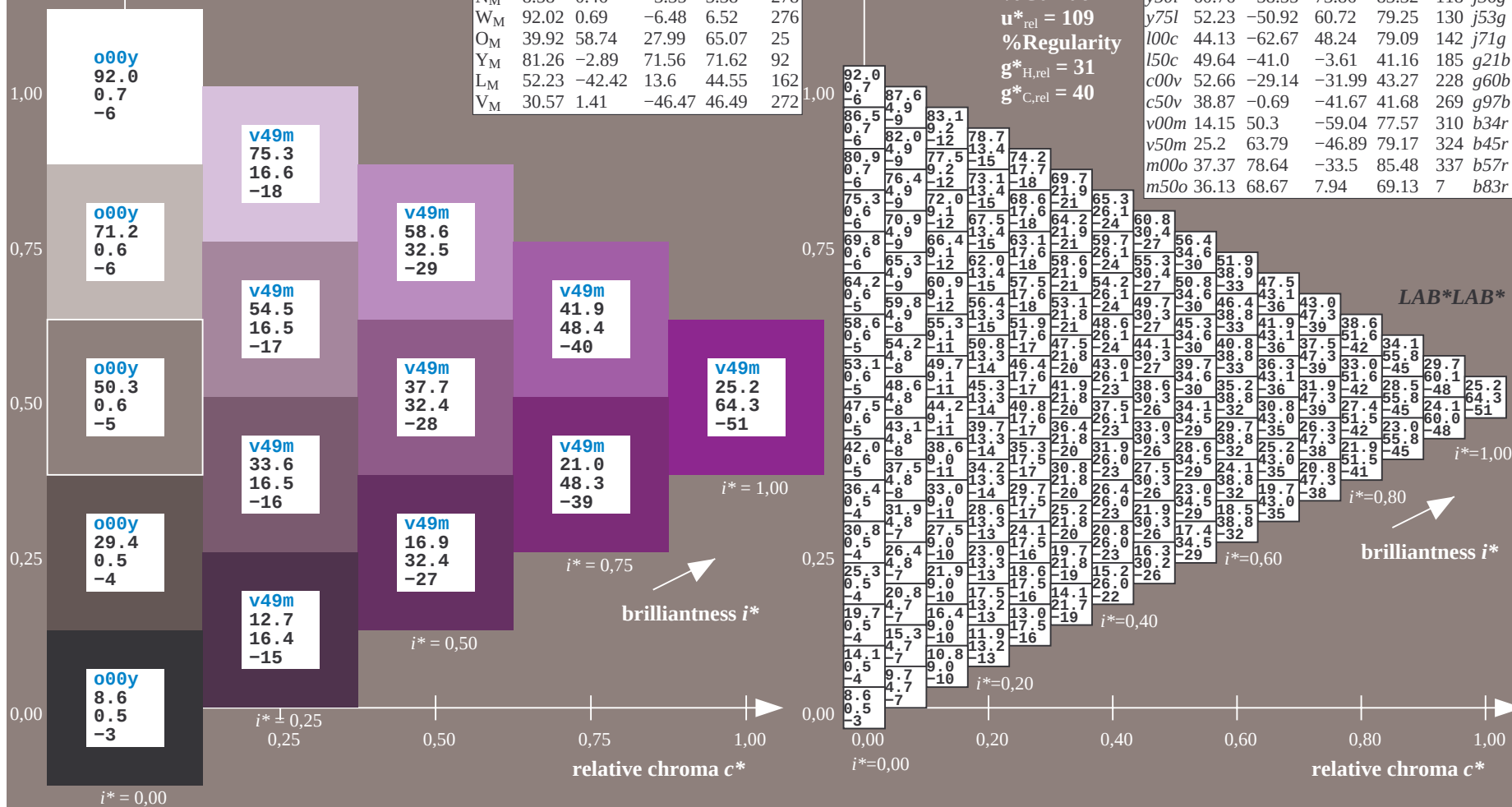
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data								
	u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	35.06	60.0	44.0	74.4	36			$r16j$
$o25y$	44.68	47.13	56.9	73.88	50			$r37j$
$o50y$	54.77	33.62	70.44	78.05	64			$r58j$
$o75y$	66.84	17.48	86.62	88.37	79			$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93			$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105			$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118			$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130			$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142			$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185			$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228			$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269			$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310			$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324			$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337			$b57r$
$m50o$	36.13	68.67	7.94	69.13	7			$b83r$

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

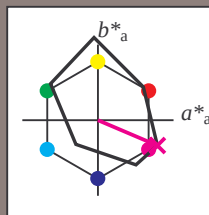
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_Ma: 37\ 79\ -34$

$LAB^*LCH^*_Ma: 37\ 85\ 336$

$lab^*olv^*_Ma: 1.0\ 0.0\ 1.0$

$lab^*rgb^*_Ma: 1.0\ 0.0\ 0.85$

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

relative chroma c^*

$i^*=0.00$

relative chroma c^*

$i^* \pm 0.25$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

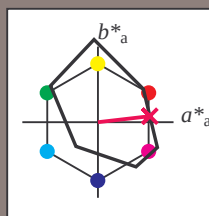
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92M; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	35.06	60.53	39.66	72.37	33	
Y _M	83.77	-4.5	103.15	103.25	92	
L _M	44.13	-62.11	43.56	75.86	145	
C _M	52.66	-28.56	-36.99	46.73	232	
V _M	14.15	50.78	-62.6	80.61	309	
M _M	37.37	79.18	-37.93	87.8	334	
N _M	8.58	0.46	-3.35	3.38	278	
W _M	92.02	0.69	-6.48	6.52	276	
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 : 36 69 8

LAB^*LCH^*Ma : 36 69 6

lab^*olv^*Ma : 1.0 0.0 0.5

lab^*rgb^*Ma : 1.0 0.0 0.33

triangle lightness t^*

%Gamut

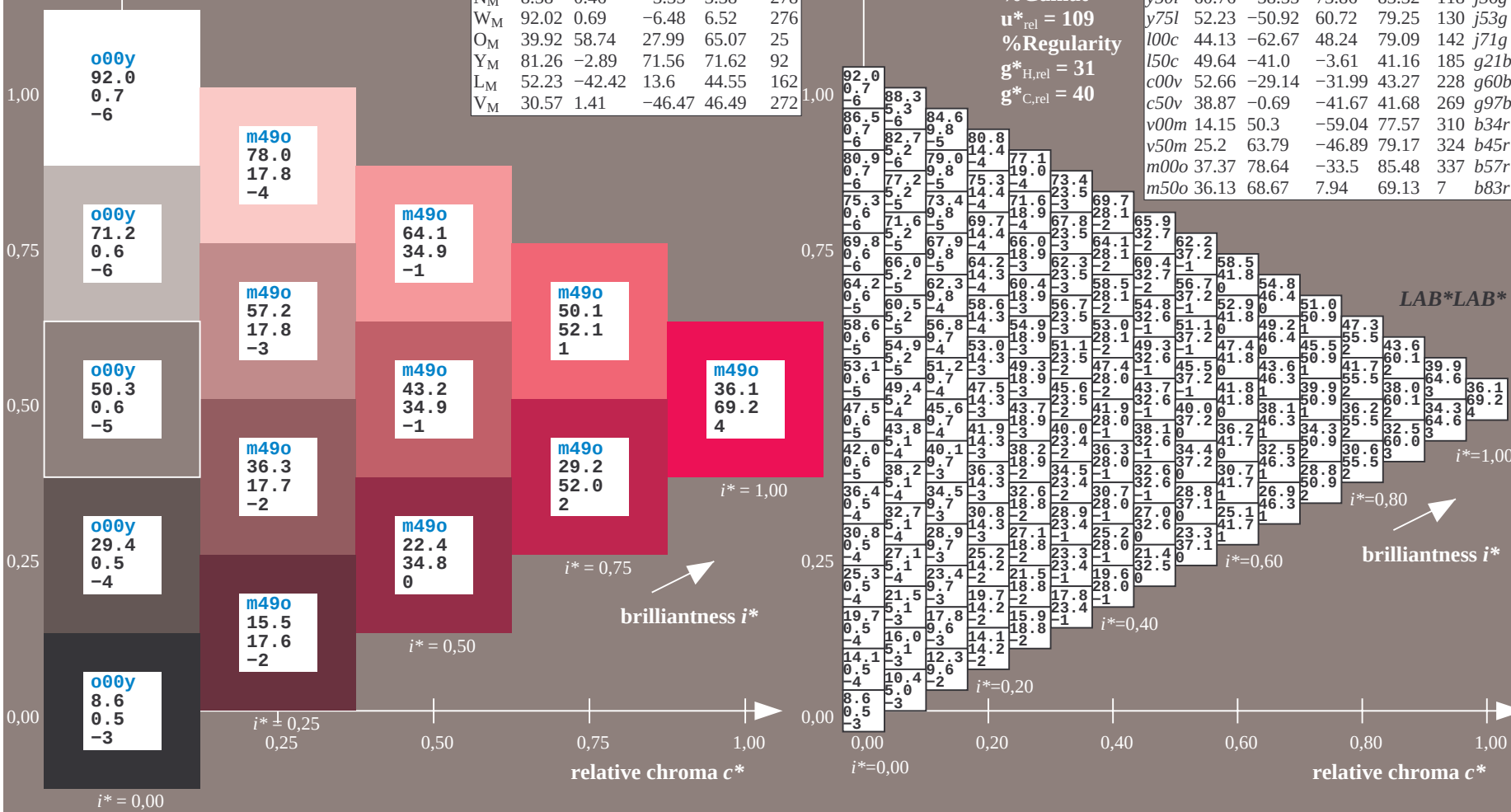
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	35.06	60.0	44.0	74.4	36	r16j	
o25y	44.68	47.13	56.9	73.88	50	r37j	
o50y	54.77	33.62	70.44	78.05	64	r58j	
o75y	66.84	17.48	86.62	88.37	79	r79j	
y00l	83.77	-5.17	109.32	109.44	93	j01g	
y25l	70.71	-24.12	89.19	92.39	105	j18g	
y50l	60.76	-38.55	73.86	83.32	118	j36g	
y75l	52.23	-50.92	60.72	79.25	130	j53g	
l00c	44.13	-62.67	48.24	79.09	142	j71g	
l50c	49.64	-41.0	-3.61	41.16	185	g21b	
c00v	52.66	-29.14	-31.99	43.27	228	g60b	
c50v	38.87	-0.69	-41.67	41.68	269	g97b	
v00m	14.15	50.3	-59.04	77.57	310	b34r	
v50m	25.2	63.79	-46.89	79.17	324	b45r	
m00o	37.37	78.64	-33.5	85.48	337	b57r	
m50o	36.13	68.67	7.94	69.13	7	b83r	



See for similar files: <http://www.ps.bam.de/Ee62/>; www.ps.bam.de/Ee62/; www.ps.bam.de/Ee62/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1, CIELAB, ColSpX=0

BAM registration: 20081001-Ee62/10L/L62E00FP.PS/.PDF BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
01	8.6	13.0	17.5	21.9	26.4	30.8	35.2	39.7	44.1	48.5	52.9	57.3	61.7	66.1	70.5	74.9	79.3	83.7	88.1	92.5	96.9	101.3	105.7	110.1	114.5	118.9	123.3	127.7	132.1	136.5	140.9	145.3	149.7	154.1	158.5	162.9	167.3	171.7	176.1	180.5	184.9	189.3	193.7	198.1	202.5	206.9	211.3	215.7	220.1	224.5	228.9	233.3	237.7	242.1	246.5	250.9	255.3	259.7	264.1	268.5	272.9	277.3	281.7	286.1	290.5	294.9	299.3	303.7	308.1	312.5	316.9	321.3	325.7	330.1	334.5	338.9	343.3	347.7	352.1	356.5	360.9	365.3	369.7	374.1	378.5	382.9	387.3	391.7	396.1	400.5	404.9	409.3	413.7	418.1	422.5	426.9	431.3	435.7	440.1	444.5	448.9	453.3	457.7	462.1	466.5	470.9	475.3	479.7	484.1	488.5	492.9	497.3	501.7	506.1	510.5	514.9	519.3	523.7	528.1	532.5	536.9	541.3	545.7	550.1	554.5	558.9	563.3	567.7	572.1	576.5	580.9	585.3	589.7	594.1	598.5	602.9	607.3	611.7	616.1	620.5	624.9	629.3	633.7	638.1	642.5	646.9	651.3	655.7	660.1	664.5	668.9	673.3	677.7	682.1	686.5	690.9	695.3	699.7	704.1	708.5	712.9	717.3	721.7	726.1	730.5	734.9	739.3	743.7	748.1	752.5	756.9	761.3	765.7	770.1	774.5	778.9	783.3	787.7	792.1	796.5	800.9	805.3	809.7	814.1	818.5	822.9	827.3	831.7	836.1	840.5	844.9	849.3	853.7	858.1	862.5	866.9	871.3	875.7	880.1	884.5	888.9	893.3	897.7	902.1	906.5	910.9	915.3	919.7	924.1	928.5	932.9	937.3	941.7	946.1	950.5	954.9	959.3	963.7	968.1	972.5	976.9	981.3	985.7	990.1	994.5	998.9	1003.3	1007.7	1012.1	1016.5	1020.9	1025.3	1029.7	1034.1	1038.5	1042.9	1047.3	1051.7	1056.1	1060.5	1064.9	1069.3	1073.7	1078.1	1082.5	1086.9	1091.3	1095.7	1099.7	1104.1	1108.5	1112.9	1117.3	1121.7	1126.1	1130.5	1134.9	1139.3	1143.7	1148.1	1152.5	1156.9	1161.3	1165.7	1170.1	1174.5	1178.9	1183.3	1187.7	1192.1	1196.5	1200.9	1205.3	1209.7	1214.1	1218.5	1222.9	1227.3	1231.7	1236.1	1240.5	1244.9	1249.3	1253.7	1258.1	1262.5	1266.9	1271.3	1275.7	1280.1	1284.5	1288.9	1293.3	1297.7	1302.1	1306.5	1310.9	1315.3	1319.7	1324.1	1328.5	1332.9	1337.3	1341.7	1346.1	1350.5	1354.9	1359.3	1363.7	1368.1	1372.5	1376.9	1381.3	1385.7	1390.1	1394.5	1398.9	1403.3	1407.7	1412.1	1416.5	1420.9	1425.3	1429.7	1434.1	1438.5	1442.9	1447.3	1451.7	1456.1	1460.5	1464.9	1469.3	1473.7	1478.1	1482.5	1486.9	1491.3	1495.7	1500.1	1504.5	1508.9	1513.3	1517.7	1522.1	1526.5	1530.9	1535.3	1539.7	1544.1	1548.5	1552.9	1557.3	1561.7	1566.1	1570.5	1574.9	1579.3	1583.7	1588.1	1592.5	1596.9	1601.3	1605.7	1610.1	1614.5	1618.9	1623.3	1627.7	1632.1	1636.5	1640.9	1645.3	1649.7	1654.1	1658.5	1662.9	1667.3	1671.7	1676.1	1680.5	1684.9	1689.3	1693.7	1698.1	1702.5	1706.9	1711.3	1715.7	1720.1	1724.5	1728.9	1733.3	1737.7	1742.1	1746.5	1750.9	1755.3	1759.7	1764.1	1768.5	1772.9	1777.3	1781.7	1786.1	1790.5	1794.9	1799.3	1803.7	1808.1	1812.5	1816.9	1821.3	1825.7	1830.1	1834.5	1838.9	1843.3	1847.7	1852.1	1856.5	1860.9	1865.3	1869.7	1874.1	1878.5	1882.9	1887.3	1891.7	1896.1	1900.5	1904.9	1909.3	1913.7	1918.1	1922.5	1926.9	1931.3	1935.7	1940.1	1944.5	1948.9	1953.3	1957.7	1962.1	1966.5	1970.9	1975.3	1979.7	1984.1	1988.5	1992.9	1997.3	2001.7	2006.1	2010.5	2014.9	2019.3	2023.7	2028.1	2032.5	2036.9	2041.3	2045.7	2050.1	2054.5	2058.9	2063.3	2067.7	2072.1	2076.5	2080.9	2085.3	2089.7	2094.1	2098.5	2102.9	2107.3	2111.7	2116.1	2120.5	2124.9	2129.3	2133.7	2138.1	2142.5	2146.9	2151.3	2155.7	2160.1	2164.5	2168.9	2173.3	2177.7	2182.1	2186.5	2190.9	2195.3	2199.7	2204.1	2208.5	2212.9	2217.3	2221.7	2226.1	2230.5	2234.9	2239.3	2243.7	2248.1	2252.5	2256.9	2261.3	2265.7	2270.1	2274.5	2278.9	2283.3	2287.7	2292.1	2296.5	2300.9	2305.3	2309.7	2314.1	2318.5	2322.9	2327.3	2331.7	2336.1	2340.5	2344.9	2349.3	2353.7	2358.1	2362.5	2366.9	2371.3	2375.7	2380.1	2384.5	2388.9	2393.3	2397.7	2402.1	2406.5	2410.9	2415.3	2419.7	2424.1	2428.5	2432.9	2437.3	2441.7	2446.1	2450.5	2454.9	2459.3	2463.7	2468.1	2472.5	2476.9	2481.3	2485.7	2490.1	2494.5	2498.9	2503.3	2507.7	2512.1	2516.5	2520.9	2525.3	2529.7	2534.1	2538.5	2542.9	2547.3	2551.7	2556.1	2560.5	2564.9	2569.3	2573.7	2578.1	2582.5	2586.9	2591.3	2595.7	2600.1	2604.5	2608.9	2613.3	2617.7	2622.1	2626.5	2630.9	2635.3	2639.7	2644.1	2648.5	2652.9	2657.3	2661.7	2666.1	2670.5	2674.9	2679.3	2683.7	2688.1	2692.5	2696.9	2701.3	2705.7	2710.1	2714.5	2718.9	2723.3	2727.7	2732.1	2736.5	2740.9	2745.3	2749.7	2754.1	2758.5	2762.9	2767.3	2771.7	2776.1	2780.5	2784.9	2789.3	2793.7	2798.1	2802.5	2806.9	2811.3	2815.7	2820.1	2824.5	2828.9	2833.3	2837.7	2842.1	2846.5	2850.9	2855.3	2859.7	2864.1	2868.5	2872.9	2877.3	2881.7	2886.1	2890.5	2894.9	2899.3	2903.7	2908.1	2912.5	2916.9	2921.3	2925.7	2930.1	2934.5	2938.9	2943.3	2947.7	2952.1	2956.5	2960.9	2965.3	2969.7	2974.1	2978.5	2982.9	2987.3	2991.7	2996.1	3000.5	3004.9	3009.3	3013.7	3018.1	3022.5	3026.9	3031.3	3035.7	3040.1	3044.5	3048.9	3053.3	3057.7	3062.1	3066.5	3070.9	3075.3	3079.7	3084.1	3088.5	3092.9	3097.3	3101.7	3106.1	3110.5	3114.9	3119.3	3123.7	3128.1	3132.5	3136.9	3141.3	3145.7	3150.1	3154.5	3158.9	3163.3	3167.7	3172.1	3176.5	3180.9	3185.3	3189.7	3194.1	3198.5	3202.9	3207.3	3211.7	3216.1	3220.5	3224.9	3229.3	3233.7	3238.1	3242.5	3246.9	3251.3	3255.7	3260.1	3264.5	3268.9	3273.3	3277.7	3282.1	3286.5	3290.9	3295.3	3299.7	3304.1	3308.5	3312.9	3317.3	3321.7	3326.1	3330.5	3334.9	3339.3	3343.7	3348.1	3352.5	3356.9	3361.3	3365.7	3370.1	3374.5	3378.9	3383.3	3387.7	3392.1	3396.5	3400.9	3405.3	3409.7	3414.1	3418.5	3422.9	3427.3	3431.7	3436.1	3440.5	3444.9	3449.3	3453.7	3458.1	3462.5	3466.9	3471.3	3475.7	3480.1	3484.5	3488.9	3493.3	3497.7	3502.1	3506.5	3510.9	3515.3	3519.7	3524.1	3528.5	3532.9	3537.3	3541.7	3546.1	3550.5	3554.9	3559.3	3563.7	3568.1	3572.5	3576.9	3581.3	3585.7	3590.1	3594.5	3598.9	3603.3	3607.7	3612.1	3616.5	3620.9	3625.3	3629.7	3634.1	3638.5	3642.9	3647.3	3651.7	3656.1	3660.5	3664.9	3669.3	3673.7	3678.1	3682.5	3686.9	3691.3	3695.7	3700.1	3704.5	3708.9	3713.3	3717.7	3722.1	3726.5	3730.9	3735.3	3739.7	3744.1	3748.5	3752.9	3757.3	3761.7	3766.1	3770.5	3774.9	3779.3	3783.7	3788.1	3792.5	3796.9	3801.3	3805.7	3810.1	3814.5	3818.9	3823.3	3827.7	3832.1	3836.5	3840.9	3845.3	3849.7	3854.1	3858.5	3862.9	3867.3	3871.7	3876.1	3880.5	3884.9	3889.3	3893.7	3898.1	3902.5	3906.9	3911.3	3915.7	3920.1	3924.5	3928.9	3933.3	3937.7	3942.1	3946.5	3950.9	3955.3	3959.7	3964.1	3968.5	3972.9	3977.3	3981.7	3986.1	3990.5	3994.9	3999.3	4003.7	4008.1	4012.5	4016.9	4021.3	4025.7	4030.1	4034.5	4038.9	4043.3	4047.7	4052.1	4056.5	4060.9	4065.3	4069.7	4074.1	4074

Input and output:

Colorimetric Printer Reflective System FRS09_92aM
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

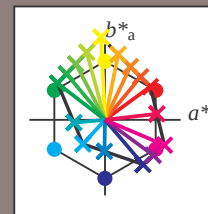
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 1.0$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



%Gamut

$u^*_{rel} = 109$

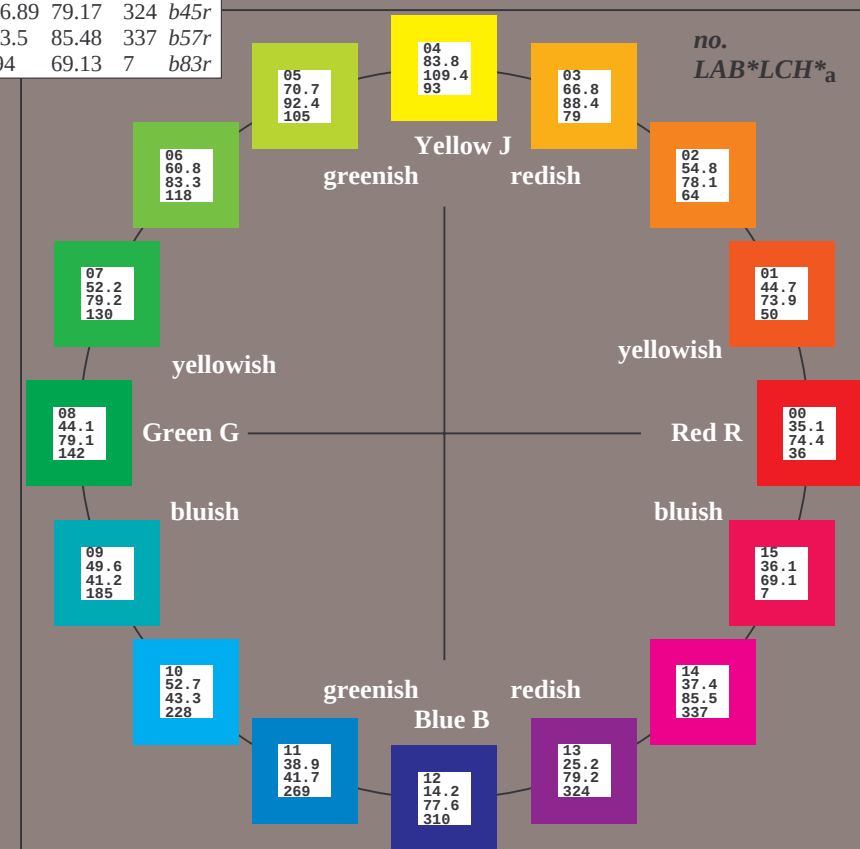
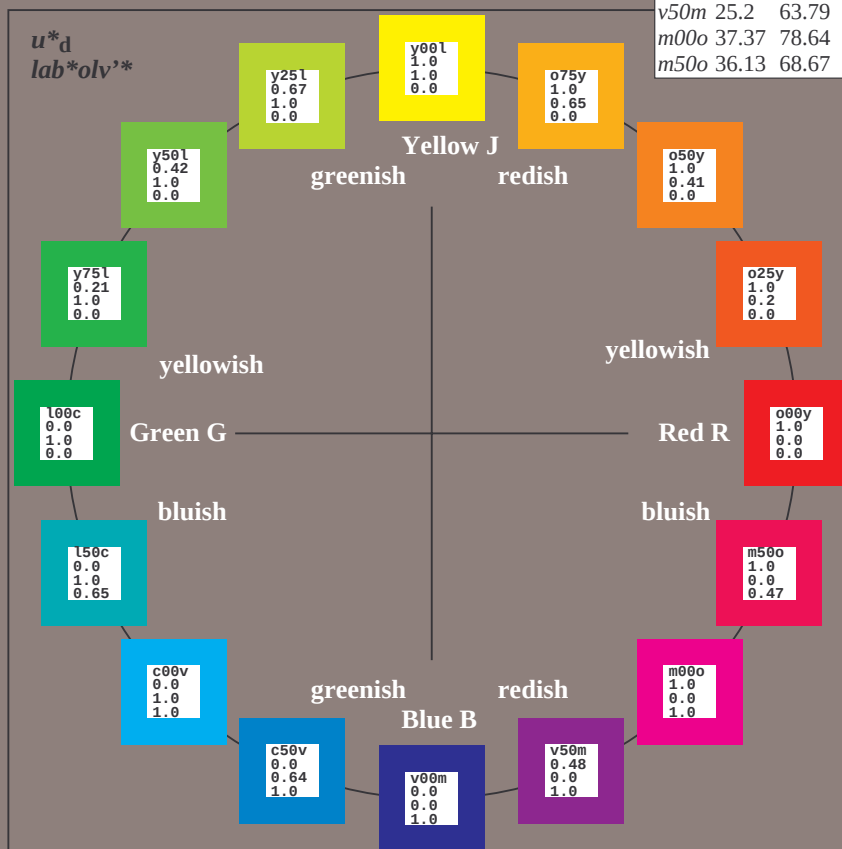
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

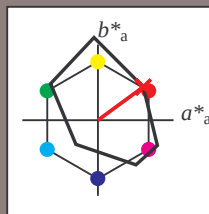
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	-2.89	71.56	71.62	92
L_M	52.23	-42.42	13.6	44.55	162
V_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 60 44

$LAB^*LCH^*_{Ma}$: 35 74 36

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

$u^*_d = o00y$
 $lab^*olv^*_{Ma}$

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

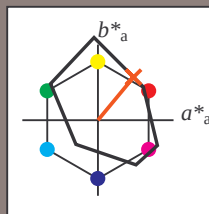
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	-2.89	71.56	71.62	92
L_M	52.23	-42.42	13.6	44.55	162
V_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 47 57

$LAB^*LCH^*_{Ma}$: 45 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

lab^*olv^*

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$ data for any colour: Data for maximum colour (Ma):

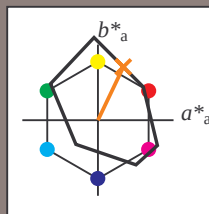
$u^*_d = 0.50y$
 $lab^*olv'^*$

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

Hue texts:

$$u_d^* = 0.50v \quad u_e^* = 0.58j$$

contrast reduction factor:

 $C_D = 1.0$ triangle lightness t^* 

FRS09_92aM; CIELAB data						
	u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	60.53		39.66	72.37	33
Y _M	83.77	-4.5		103.15	103.25	92
L _M	44.13	-62.11		43.56	75.86	145
C _M	52.66	-28.56		-36.99	46.73	232
V _M	14.15	50.78		-62.6	80.61	309
M _M	37.37	79.18		-37.93	87.8	334
N _M	8.58	0.46		-3.35	3.38	278
W _M	92.02	0.69		-6.48	6.52	276
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*5 : 55 34 70

LAB LAB	Ma.	55	54	70
LAB*LGII*		55	56	64

LAB*LCH*Ma: 55 78 6

lab*olv*Ma: 1.0 0.5 0.0

*lab*rqb**Ma: 1.0 0.58 0.0

triangle lightness t^*

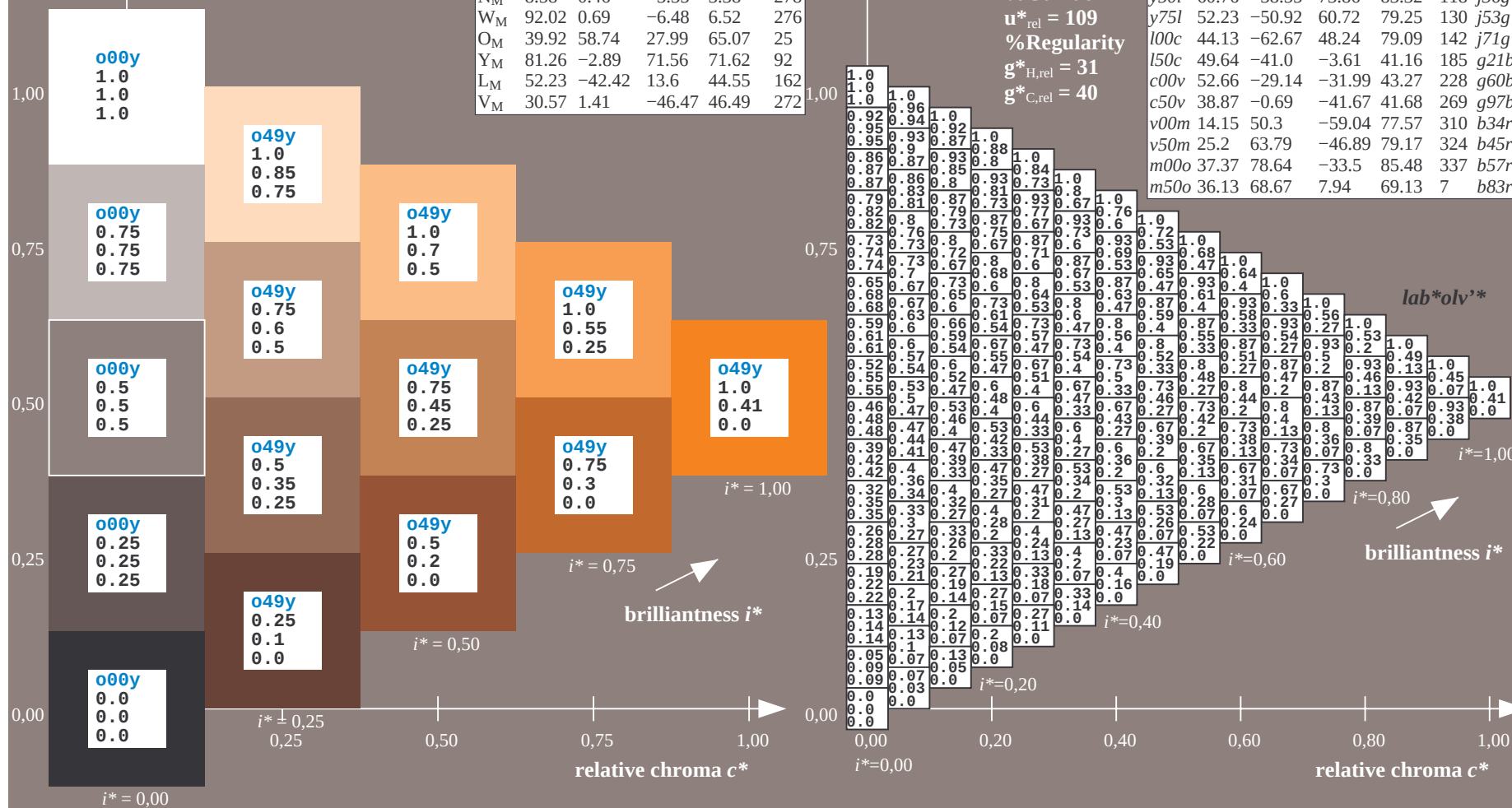
%Gamut

$$\mathbf{u}_{rel}^* = 109$$

%Regularity

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
<i>o00y</i>	35.06	60.0	44.0	74.4	36	<i>r16i</i>	
<i>o25y</i>	44.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	54.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	66.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	83.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	70.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	60.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	52.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	44.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	49.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	52.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	38.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	14.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	25.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	37.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	36.13	68.67	7.94	69.13	7	<i>b83r</i>	



BAM registration: 20081001-E66210L/L62E00FP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

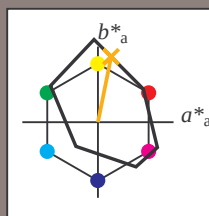
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	35.06	60.53	39.66	72.37	33	
Y_M	83.77	-4.5	103.15	103.25	92	
L_M	44.13	-62.11	43.56	75.86	145	
C_M	52.66	-28.56	-36.99	46.73	232	
V_M	14.15	50.78	-62.6	80.61	309	
M_M	37.37	79.18	-37.93	87.8	334	
N_M	8.58	0.46	-3.35	3.38	278	
W_M	92.02	0.69	-6.48	6.52	276	
O_M	39.92	58.74	27.99	65.07	25	
Y_M	81.26	-2.89	71.56	71.62	92	
L_M	52.23	-42.42	13.6	44.55	162	
V_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 17 87

$LAB^*LCH^*_{Ma}$: 67 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

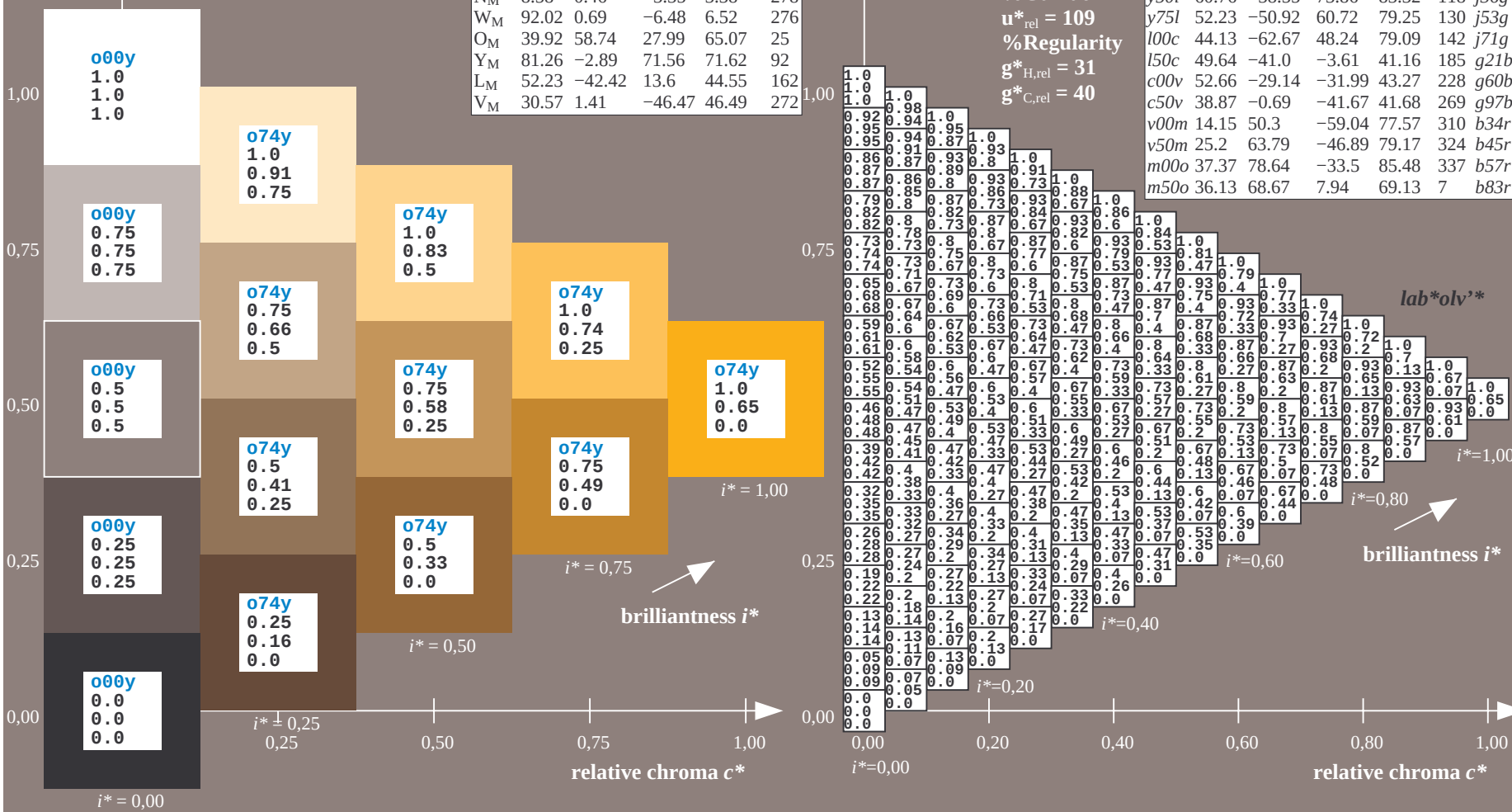
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

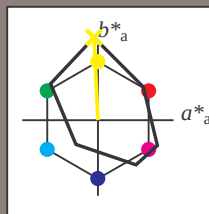
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	60.53	39.66	72.37	33
Y _M	83.77	-4.5	103.15	103.25	92
L _M	44.13	-62.11	43.56	75.86	145
C _M	52.66	-28.56	-36.99	46.73	232
V _M	14.15	50.78	-62.6	80.61	309
M _M	37.37	79.18	-37.93	87.8	334
N _M	8.58	0.46	-3.35	3.38	278
W _M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 84 -5 109

$LAB^*LCH^*_{Ma}$: 84 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

lab^*olv^*

$i^* = 1.00$

$i^* = 0.80$

brilliantness i^*

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

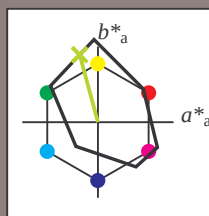
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	35.06	60.53	39.66	72.37	33	
Y _M	83.77	-4.5	103.15	103.25	92	
L _M	44.13	-62.11	43.56	75.86	145	
C _M	52.66	-28.56	-36.99	46.73	232	
V _M	14.15	50.78	-62.6	80.61	309	
M _M	37.37	79.18	-37.93	87.8	334	
N _M	8.58	0.46	-3.35	3.38	278	
W _M	92.02	0.69	-6.48	6.52	276	
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):

$LAB^*LAB^*_{Ma}$: 71 -24 89

$LAB^*LCH^*_{Ma}$: 71 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	35.06	60.0	44.0	74.4	36	r16j	
o25y	44.68	47.13	56.9	73.88	50	r37j	
o50y	54.77	33.62	70.44	78.05	64	r58j	
o75y	66.84	17.48	86.62	88.37	79	r79j	
y00l	83.77	-5.17	109.32	109.44	93	j01g	
y25l	70.71	-24.12	89.19	92.39	105	j18g	
y50l	60.76	-38.55	73.86	83.32	118	j36g	
y75l	52.23	-50.92	60.72	79.25	130	j53g	
l00c	44.13	-62.67	48.24	79.09	142	j71g	
l50c	49.64	-41.0	-3.61	41.16	185	g21b	
c00v	52.66	-29.14	-31.99	43.27	228	g60b	
c50v	38.87	-0.69	-41.67	41.68	269	g97b	
v00m	14.15	50.3	-59.04	77.57	310	b34r	
v50m	25.2	63.79	-46.89	79.17	324	b45r	
m00o	37.37	78.64	-33.5	85.48	337	b57r	
m50o	36.13	68.67	7.94	69.13	7	b83r	

lab^*olv^*

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

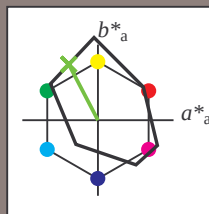
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	35.06	60.53	39.66	72.37	33	
Y _M	83.77	-4.5	103.15	103.25	92	
L _M	44.13	-62.11	43.56	75.86	145	
C _M	52.66	-28.56	-36.99	46.73	232	
V _M	14.15	50.78	-62.6	80.61	309	
M _M	37.37	79.18	-37.93	87.8	334	
N _M	8.58	0.46	-3.35	3.38	278	
W _M	92.02	0.69	-6.48	6.52	276	
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):

$LAB^*LAB^*_{Ma}$: 61 -39 74

$LAB^*LCH^*_{Ma}$: 61 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	35.06	60.0	44.0	74.4	36	r16j	
o25y	44.68	47.13	56.9	73.88	50	r37j	
o50y	54.77	33.62	70.44	78.05	64	r58j	
o75y	66.84	17.48	86.62	88.37	79	r79j	
y00l	83.77	-5.17	109.32	109.44	93	j01g	
y25l	70.71	-24.12	89.19	92.39	105	j18g	
y50l	60.76	-38.55	73.86	83.32	118	j36g	
y75l	52.23	-50.92	60.72	79.25	130	j53g	
l00c	44.13	-62.67	48.24	79.09	142	j71g	
l50c	49.64	-41.0	-3.61	41.16	185	g21b	
c00v	52.66	-29.14	-31.99	43.27	228	g60b	
c50v	38.87	-0.69	-41.67	41.68	269	g97b	
v00m	14.15	50.3	-59.04	77.57	310	b34r	
v50m	25.2	63.79	-46.89	79.17	324	b45r	
m00o	37.37	78.64	-33.5	85.48	337	b57r	
m50o	36.13	68.67	7.94	69.13	7	b83r	

lab^*olv^*

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

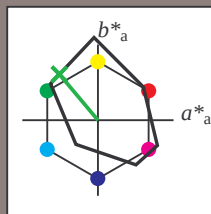
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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 -51 61

$LAB^*LCH^*_{Ma}$: 52 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

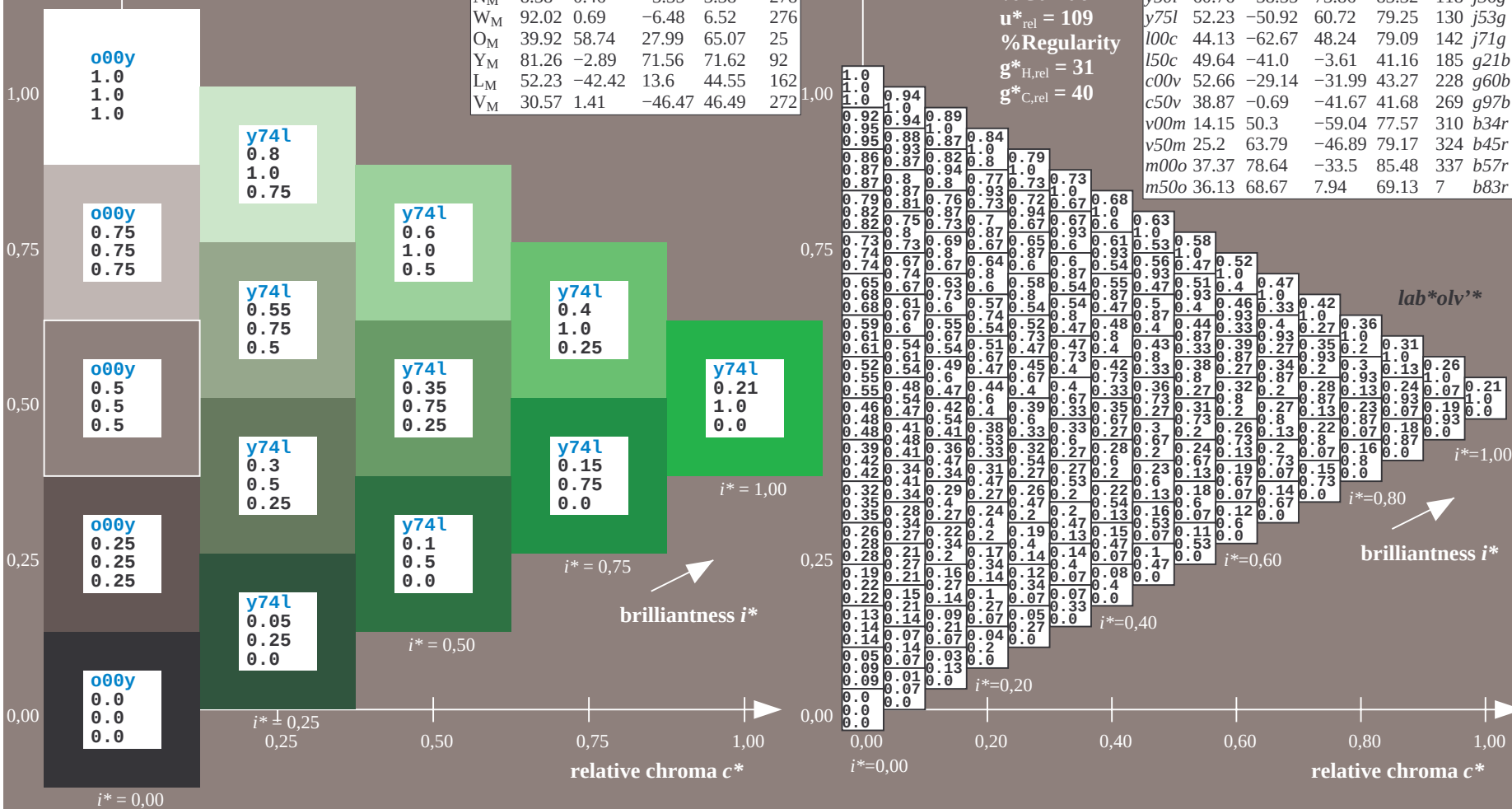
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

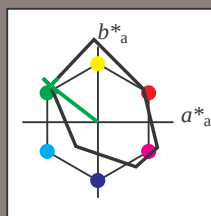
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	35.06	60.53	39.66	72.37	33	
Y _M	83.77	-4.5	103.15	103.25	92	
L _M	44.13	-62.11	43.56	75.86	145	
C _M	52.66	-28.56	-36.99	46.73	232	
V _M	14.15	50.78	-62.6	80.61	309	
M _M	37.37	79.18	-37.93	87.8	334	
N _M	8.58	0.46	-3.35	3.38	278	
W _M	92.02	0.69	-6.48	6.52	276	
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 -63 48

$LAB^*LCH^*_{Ma}$: 44 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	35.06	60.0	44.0	74.4	36	r16j	
o25y	44.68	47.13	56.9	73.88	50	r37j	
o50y	54.77	33.62	70.44	78.05	64	r58j	
o75y	66.84	17.48	86.62	88.37	79	r79j	
y00l	83.77	-5.17	109.32	109.44	93	j01g	
y25l	70.71	-24.12	89.19	92.39	105	j18g	
y50l	60.76	-38.55	73.86	83.32	118	j36g	
y75l	52.23	-50.92	60.72	79.25	130	j53g	
l00c	44.13	-62.67	48.24	79.09	142	j71g	
l50c	49.64	-41.0	-3.61	41.16	185	g21b	
c00v	52.66	-29.14	-31.99	43.27	228	g60b	
c50v	38.87	-0.69	-41.67	41.68	269	g97b	
v00m	14.15	50.3	-59.04	77.57	310	b34r	
v50m	25.2	63.79	-46.89	79.17	324	b45r	
m00o	37.37	78.64	-33.5	85.48	337	b57r	
m50o	36.13	68.67	7.94	69.13	7	b83r	

lab^*olv^*

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

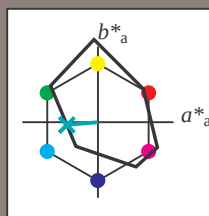
Hue texts:

$u^*_d = l50c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	35.06	60.53	39.66	72.37	33	
Y_M	83.77	-4.5	103.15	103.25	92	
L_M	44.13	-62.11	43.56	75.86	145	
C_M	52.66	-28.56	-36.99	46.73	232	
V_M	14.15	50.78	-62.6	80.61	309	
M_M	37.37	79.18	-37.93	87.8	334	
N_M	8.58	0.46	-3.35	3.38	278	
W_M	92.02	0.69	-6.48	6.52	276	
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):

$LAB^*LAB^*_Ma: 50 -41 -4$

$LAB^*LCH^*_Ma: 50 41 185$

$lab^*olv^*_Ma: 0.0 1.0 0.5$

$lab^*rgb^*_Ma: 0.0 1.0 0.42$

triangle lightness t^*

%Gamut

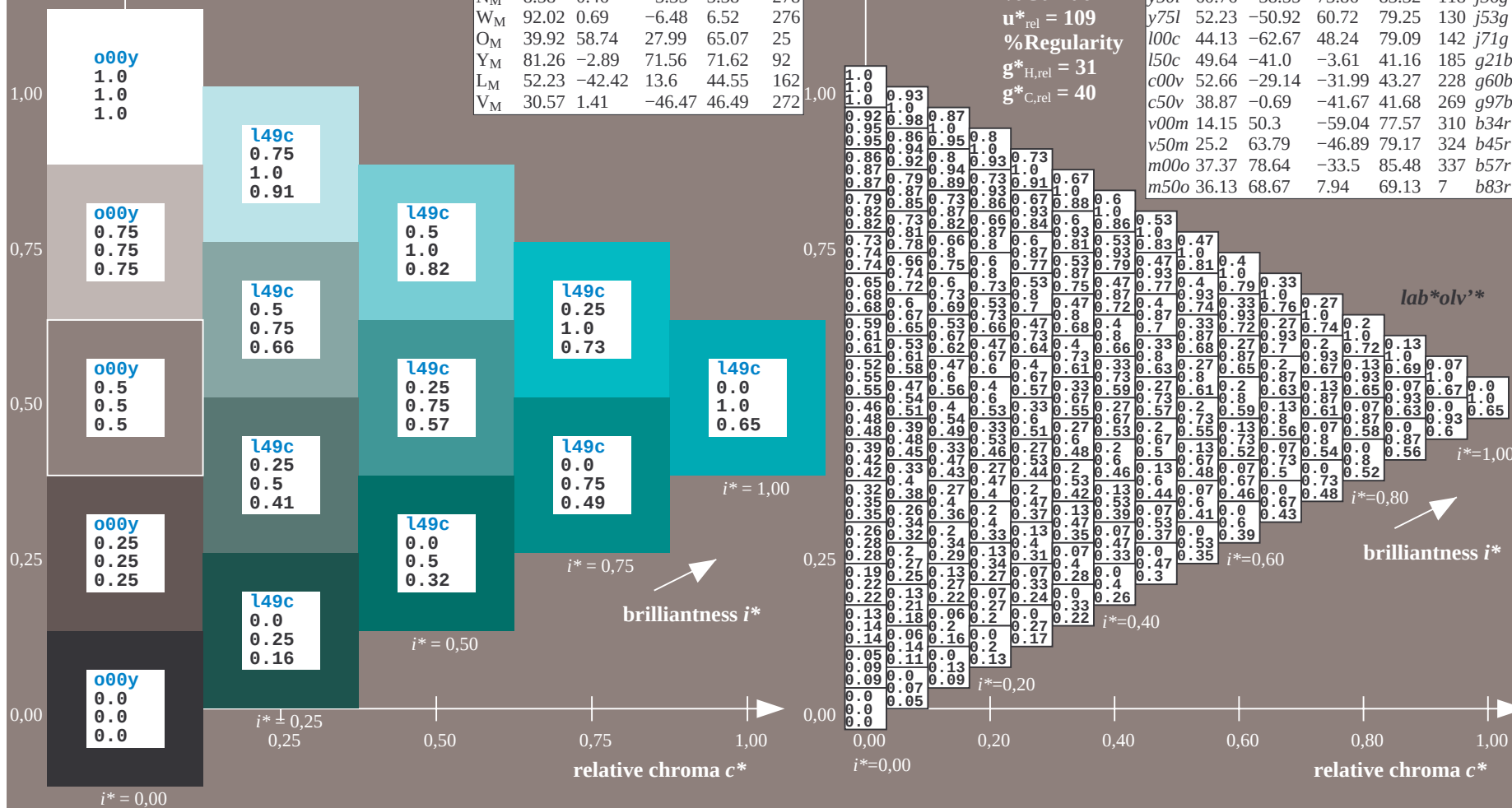
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

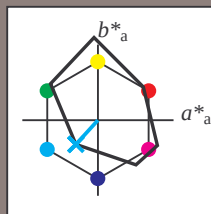
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 53 -29 -32

$LAB^*LCH^*_{Ma}$: 53 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

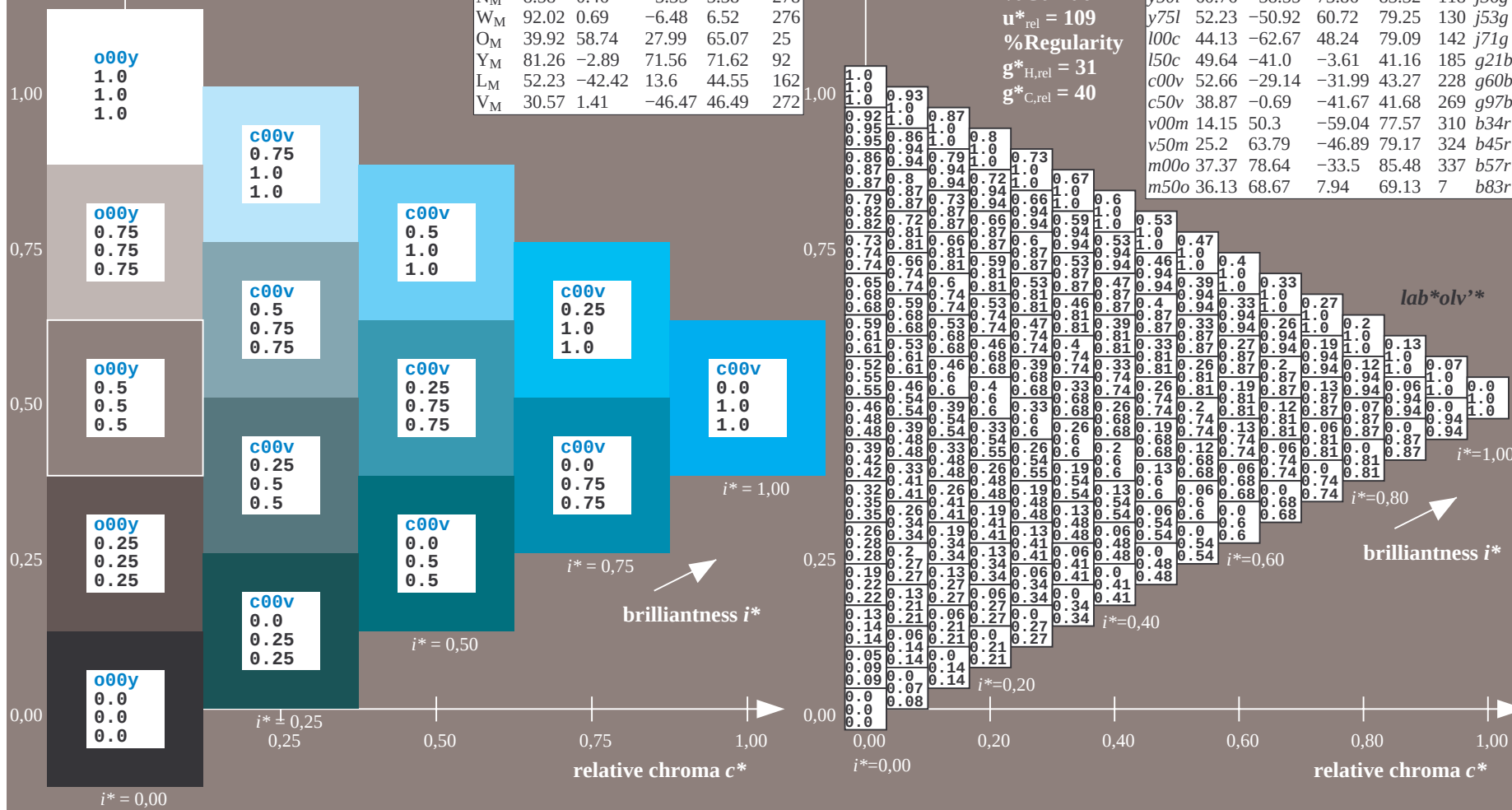
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

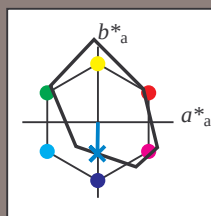
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

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



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_d = c50v$ $u^*_e = g97b$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	35.06	60.53	39.66	72.37	33	
Y_M	83.77	-4.5	103.15	103.25	92	
L_M	44.13	-62.11	43.56	75.86	145	
C_M	52.66	-28.56	-36.99	46.73	232	
V_M	14.15	50.78	-62.6	80.61	309	
M_M	37.37	79.18	-37.93	87.8	334	
N_M	8.58	0.46	-3.35	3.38	278	
W_M	92.02	0.69	-6.48	6.52	276	
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):

$LAB^*LAB^*_{Ma}$: 39 -1 -42

$LAB^*LCH^*_{Ma}$: 39 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$	

lab^*olv^*

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$ data for any colour: Data for maximum colour (Ma):

$$u_d^* = v_{00m} \frac{lab^*}{oly'^*}$$

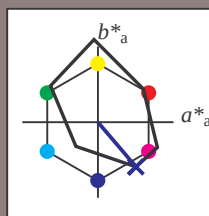
*lab*tch** and *lab*icu**

Hue texts:

Hue texts:

$$u_d^* = v00m \quad u_e^* = b34r$$

contrast reduction factor:

$$c_p = 1.0$$
triangle lightness t^* 

FRS09_92aM; CIELAB data						
	u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33	
Y_M	83.77	-4.5	103.15	103.25	92	
L_M	44.13	-62.11	43.56	75.86	145	
C_M	52.66	-28.56	-36.99	46.73	232	
V_M	14.15	50.78	-62.6	80.61	309	
M_M	37.37	79.18	-37.93	87.8	334	
N_M	8.58	0.46	-3.35	3.38	278	
W_M	92.02	0.69	-6.48	6.52	276	
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}: 14 50 -59

LAB*LCH*M₂: 14 78 310

$$lab*oly*_M_2: 0.0 \quad 0.0 \quad 1.0$$

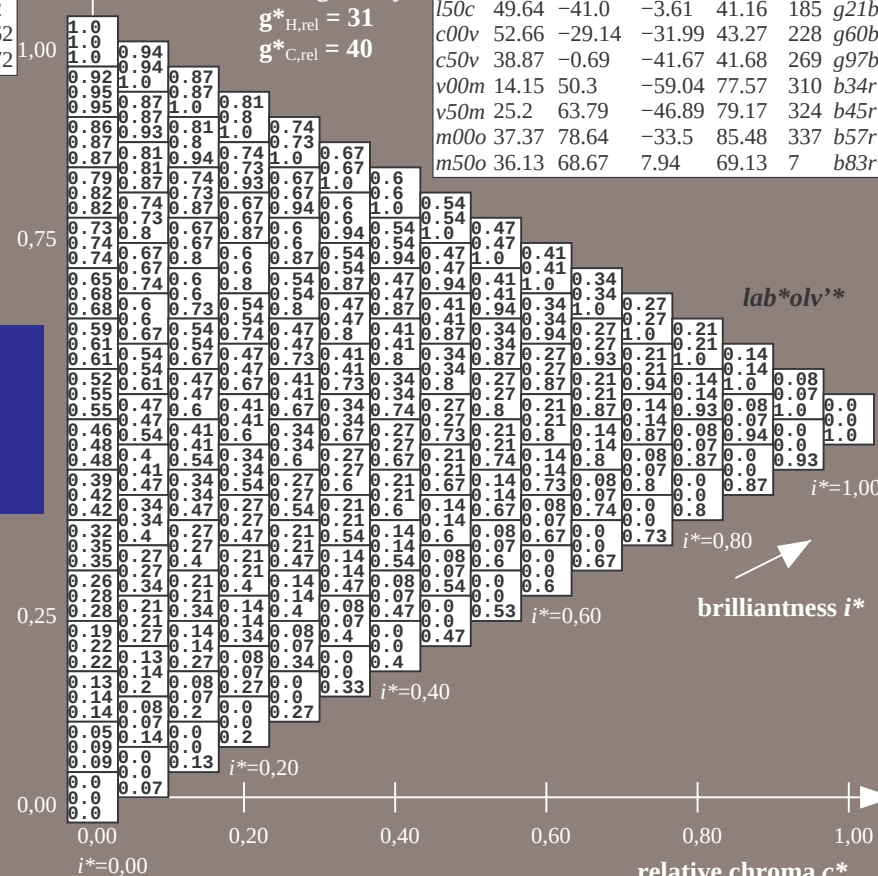
*lab*rag*_M2*: 0.68 0.0 1.0

triangle lightness t^* [illegible]

%Gamut

$$\mathbf{u}_{\text{rel}}^* = 109$$

%Regularity

$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$


brilliantness i^*

brilliantness i^*

relative chroma c^*

BAM-test chart Ee62; Colorimetric systems, Page 176/198
D65: colour scales and 9 data tables for 16 hues 000y to m75o

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

BAM registration: 20081001-Ee6210L/L62E00FP.PS/.PDF 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.bam.de/Ee62/>; www.ps.bam.de/Ee.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1, CIELAB, ColSpx=0

Version 2.1, io=1,1, CIELAB, ColSpx=0

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

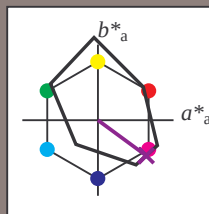
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	-2.89	71.56	71.62	92
L_M	52.23	-42.42	13.6	44.55	162
V_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 25 64 -47

$LAB^*LCH^*_{Ma}$: 25 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

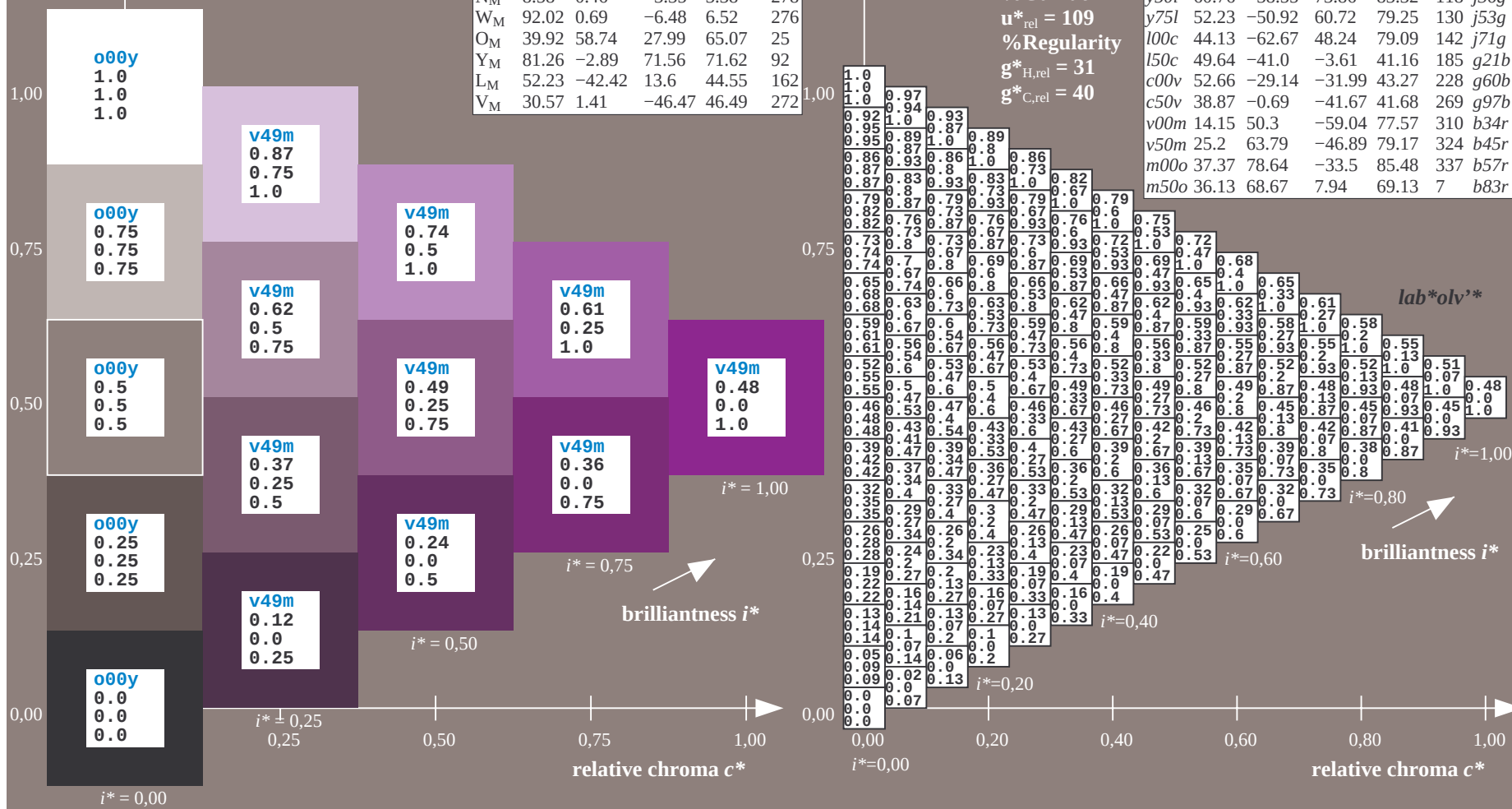
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_d = v50m$
 lab^*olv^*

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

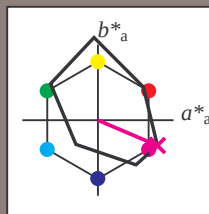
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 37 79 -34

$LAB^*LCH^*_{Ma}$: 37 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

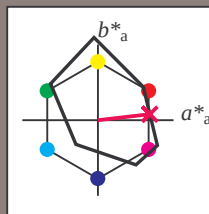
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	60.53	39.66	72.37	33
Y _M	83.77	-4.5	103.15	103.25	92
L _M	44.13	-62.11	43.56	75.86	145
C _M	52.66	-28.56	-36.99	46.73	232
V _M	14.15	50.78	-62.6	80.61	309
M _M	37.37	79.18	-37.93	87.8	334
N _M	8.58	0.46	-3.35	3.38	278
W _M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 36 69 8

$LAB^*LCH^*_{Ma}$: 36 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

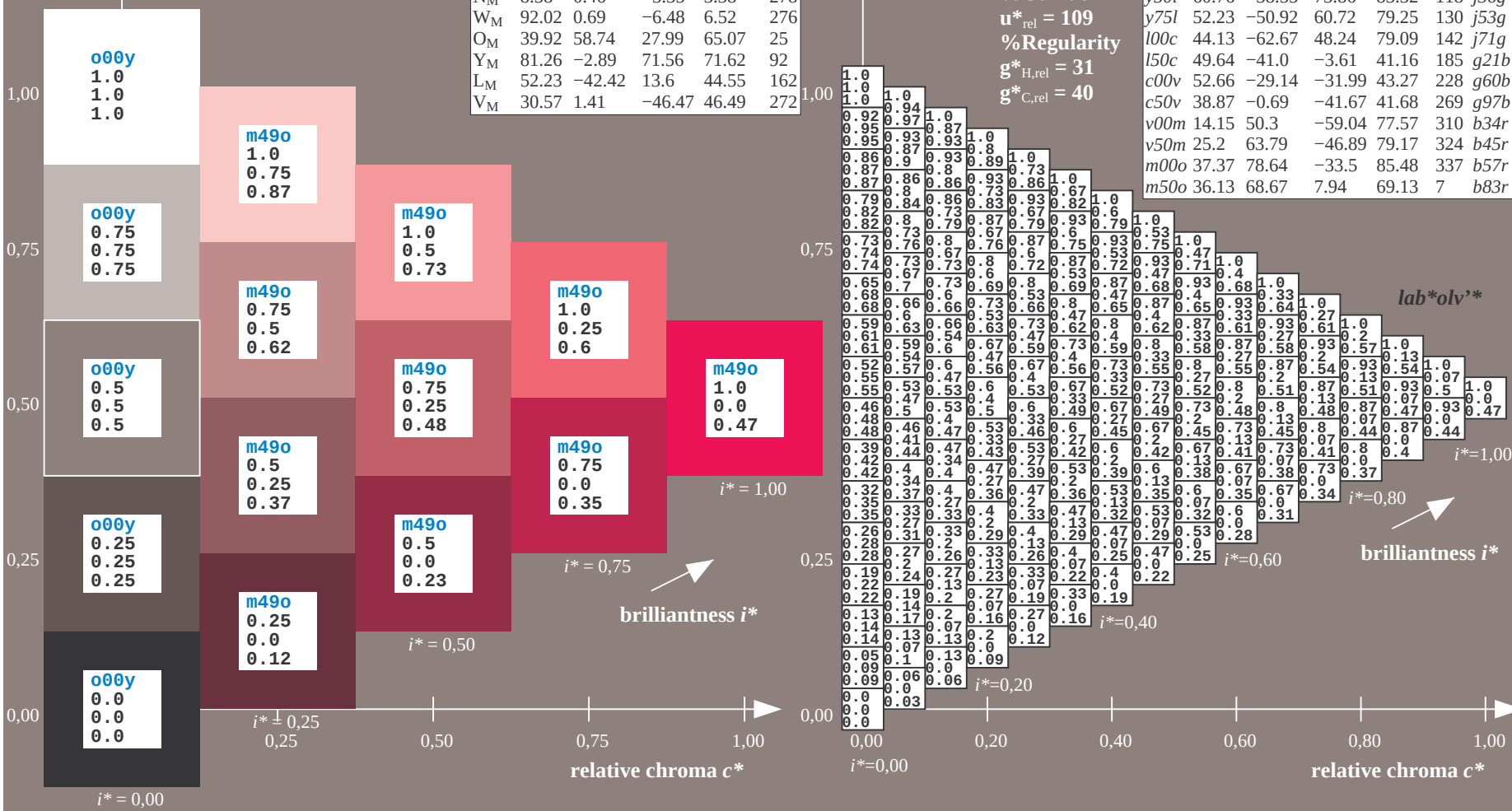
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

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



See for similar files: <http://www.ps.bam.de/Ee62/>; www.ps.bam.de/Ee62/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB, ColSpX=0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*oly**			
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.11	0.1	0.1	0.1	0.1	0.1	0.25	0.25	0.25	0.22	0.21	0.21	0.21	0.21	0.21	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0		
	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.1	0.25	0.38	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.23	0.23	0.23	0.23	0.23	0.23	0.87	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.13	0.13	0.13	0.13
	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	1.0	0.88	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	
	0.13	0.13	0.16	0.19	0.21	0.23	0.24	0.25	0.26	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25
	0.0	0.16	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	
	0.25	0.25	0.25	0.29	0.32	0.36	0.38	0.41	0.43	0.25	0.25	0.25	0.29	0.32	0.34	0.36	0.37	0.38	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.38	0.38	0.38	0.38
	0.0	0.19	0.29	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.29	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	
	0.38	0.38	0.38	0.38	0.41	0.45	0.49	0.52	0.55	0.38	0.38	0.38	0.38	0.41	0.45	0.48	0.51	0.53	0.38	0.38	0.38	0.38	0.41	0.44	0.46	0.48	0.49	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	0.0	0.21	0.32	0.41	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.31	0.41	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.41	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	
06	0.0	0.22	0.35	0.45	0.53	0.62	0.75	0.87	1.0	0.0	0.13	0.34	0.45	0.53	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.44	0.54	0.62	0.75	0.87	1.0	1.0	0.88	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.62	0.62	0.62	0.62	
	0.62	0.62	0.62	0.62	0.62	0.62	0.66	0.69	0.73	0.62	0.62	0.62	0.62	0.62	0.62	0.66	0.7	0.73	0.62	0.62	0.62	0.62	0.62	0.66	0.7	0.73	0.62	1.0	0.88	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.62	0.62	0.62	0.62	
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75
	0.0	0.24	0.38	0.48	0.57	0.66	0.75	0.87	1.0	0.0	0.13	0.35	0.48	0.57	0.66	0.75	0.87	1.0	0.0	0.13	0.25	0.46	0.57	0.66	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75	
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.78	0.82	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.78	0.82	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.78	0.82	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75	
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.88	0.88	0.88	0.88
	0.0	0.25	0.4	0.51	0.61	0.69	0.78	0.88	1.0	0.0	0.13	0.36	0.5	0.61	0.69	0.78	0.87	1.0	0.0	0.13	0.25	0.48	0.6	0.7	0.78	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88	
	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.88	0.9	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.91	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.91	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88	
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0
	0.0	0.25	0.42	0.54	0.64	0.73	0.82	0.9	1.0	0.0	0.13	0.37	0.53	0.64	0.73	0.82	0.91	1.0	0.0	0.13	0.25	0.49	0.63	0.75	0.82	0.91	1.0	1.0	0.88	0.75	0.62	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0	
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.62	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0	
10	0.38	0.38	0.38	0.38	0.34	0.32	0.32	0.31	0.31	0.5	0.5	0.5	0.5	0.5	0.46	0.44	0.43	0.42	0.62	0.62	0.62	0.62	0.62	0.58	0.55	0.54	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
	0.0	0.1	0.21	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.1	0.2	0.33	0.5	0.62	0.75	0.87	1.0	0.0	0.1	0.2	0.31	0.45	0.62	0.75	0.87	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0		
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0			
11	0.38	0.38	0.38	0.38	0.34	0.33	0.33	0.33	0.33	0.5	0.5	0.5	0.5	0.5	0.46	0.45	0.44	0.44	0.62	0.62	0.62	0.62	0.62	0.58	0.56	0.55	1.0	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87		
	0.12	0.13	0.23	0.38	0.5	0.62	0.75	0.87	1.0	0.13	0.23	0.34	0.5	0.62	0.75	0.87	1.0	0.13	0.13	0.22	0.33	0.45	0.62	0.75	0.87	1.0	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87		
	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.09	0.09	0.09	0.09	
12	0.38	0.38	0.38	0.38	0.36	0.35	0.35	0.35	0.35	0.5	0.5	0.5	0.5	0.5	0.47	0.46	0.46	0.46	0.62	0.62	0.62	0																			

Input and output:

Colorimetric Printer Reflective System FRS09_92aM
data for any colour:

u^*_d and number $no.$ = 00 .. 15

device hue text:

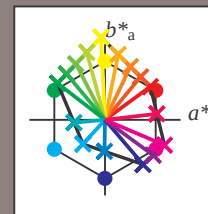
u^*_d = 16 hues $o00y$, $o25y$, ..., $m50o$

contrast reduction factor:

$c_R = 1.0$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



%Gamut

$u^*_{rel} = 109$

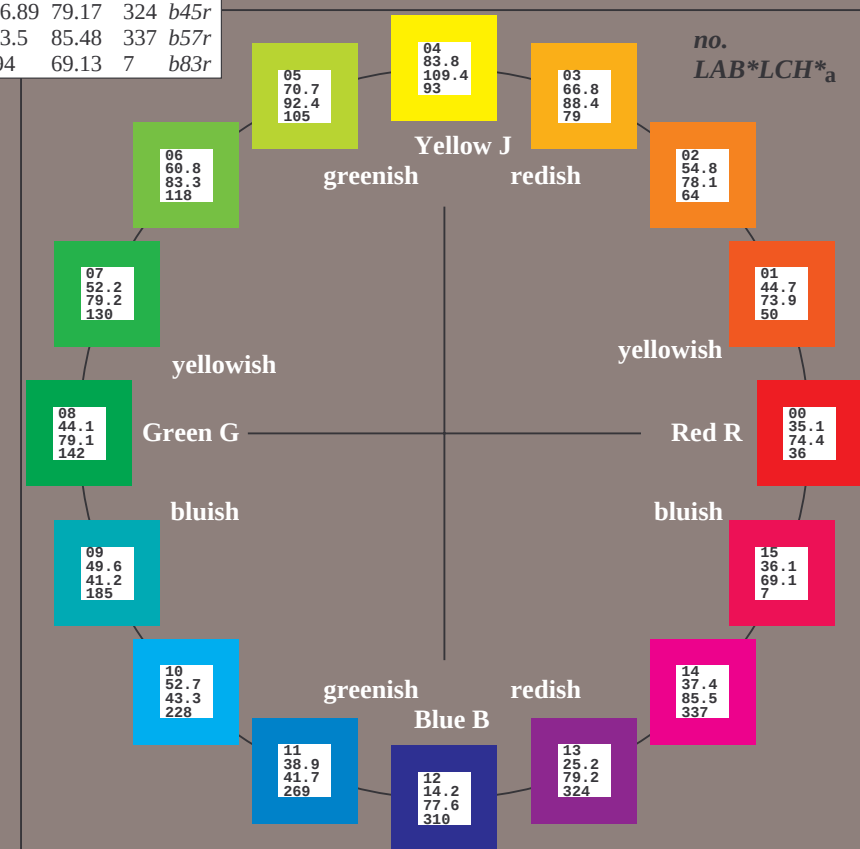
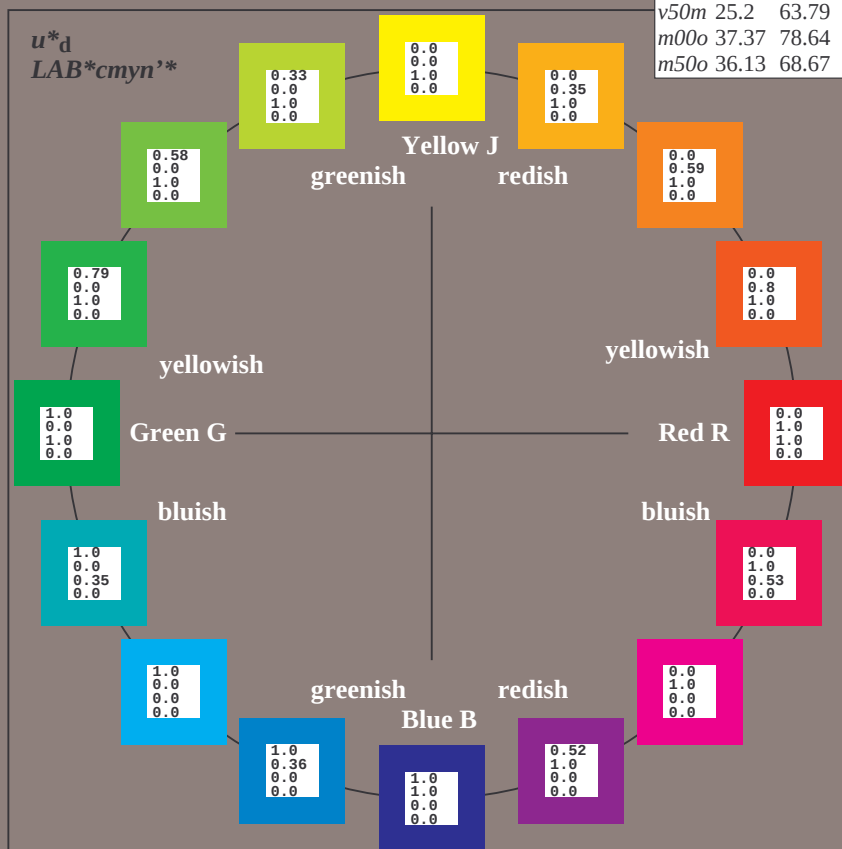
%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; CIELAB data

Name	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
O_{CIE}	39.92	58.74	27.99	65.07	25
Y_{CIE}	81.26	-2.89	71.56	71.62	92
L_{CIE}	52.23	-42.42	13.6	44.55	162
V_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.101$

data for any colour:

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

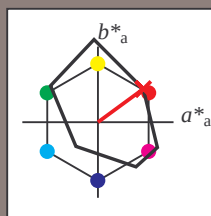
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	35.06	60.53	39.66	72.37	33	
Y _M	83.77	-4.5	103.15	103.25	92	
L _M	44.13	-62.11	43.56	75.86	145	
C _M	52.66	-28.56	-36.99	46.73	232	
V _M	14.15	50.78	-62.6	80.61	309	
M _M	37.37	79.18	-37.93	87.8	334	
N _M	8.58	0.46	-3.35	3.38	278	
W _M	92.02	0.69	-6.48	6.52	276	
O _M	39.92	58.74	27.99	65.07	25	
Y _M	81.26	-2.89	71.56	71.62	92	
L _M	52.23	-42.42	13.6	44.55	162	
V _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 60 44

$LAB^*LCH^*_{Ma}$: 35 74 36

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	35.06	60.0	44.0	74.4	36	r16j	
o25y	44.68	47.13	56.9	73.88	50	r37j	
o50y	54.77	33.62	70.44	78.05	64	r58j	
o75y	66.84	17.48	86.62	88.37	79	r79j	
y00l	83.77	-5.17	109.32	109.44	93	j01g	
y25l	70.71	-24.12	89.19	92.39	105	j18g	
y50l	60.76	-38.55	73.86	83.32	118	j36g	
y75l	52.23	-50.92	60.72	79.25	130	j53g	
l00c	44.13	-62.67	48.24	79.09	142	j71g	
l50c	49.64	-41.0	-3.61	41.16	185	g21b	
c00v	52.66	-29.14	-31.99	43.27	228	g60b	
c50v	38.87	-0.69	-41.67	41.68	269	g97b	
v00m	14.15	50.3	-59.04	77.57	310	b34r	
v50m	25.2	63.79	-46.89	79.17	324	b45r	
m00o	37.37	78.64	-33.5	85.48	337	b57r	
m50o	36.13	68.67	7.94	69.13	7	b83r	

$LAB^*cmy^n^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.14$

data for any colour:

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

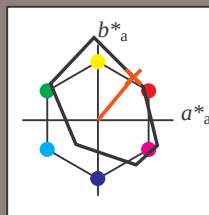
Hue texts:

$u^*_d = o25y$ $u^*_e = r37j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	60.53	39.66	72.37	33
Y _M	83.77	-4.5	103.15	103.25	92
L _M	44.13	-62.11	43.56	75.86	145
C _M	52.66	-28.56	-36.99	46.73	232
V _M	14.15	50.78	-62.6	80.61	309
M _M	37.37	79.18	-37.93	87.8	334
N _M	8.58	0.46	-3.35	3.38	278
W _M	92.02	0.69	-6.48	6.52	276
O _M	39.92	58.74	27.99	65.07	25
Y _M	81.26	-2.89	71.56	71.62	92
L _M	52.23	-42.42	13.6	44.55	162
V _M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 47 57

$LAB^*LCH^*_{Ma}$: 45 74 50

$lab^*olv^*_{Ma}$: 1.0 0.25 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.37 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

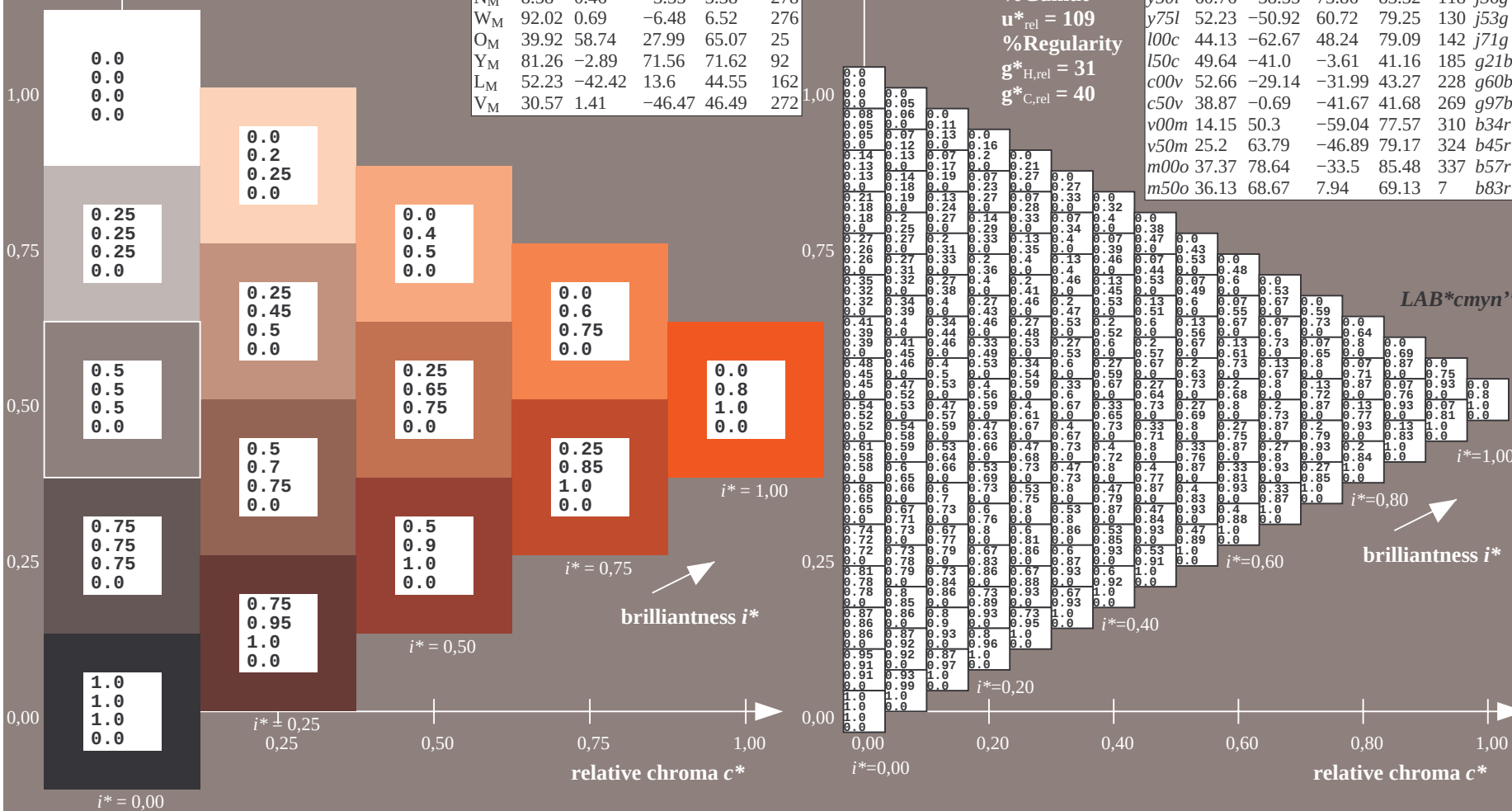
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r

$u^*_d = o25y$
 $LAB^*cmy^n^*$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.179$

data for any colour:

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

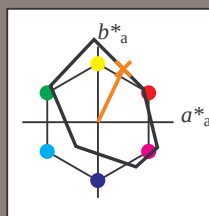
Hue texts:

$u^*_d = o50y$ $u^*_e = r58j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data						
u^*_d	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	35.06	60.53	39.66	72.37	33	
Y _M	83.77	-4.5	103.15	103.25	92	
L _M	44.13	-62.11	43.56	75.86	145	
C _M	52.66	-28.56	-36.99	46.73	232	
V _M	14.15	50.78	-62.6	80.61	309	
M _M	37.37	79.18	-37.93	87.8	334	
N _M	8.58	0.46	-3.35	3.38	278	
W _M	92.02	0.69	-6.48	6.52	276	
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):

$LAB^*LAB^*_{Ma}$: 55 34 70

$LAB^*LCH^*_{Ma}$: 55 78 64

$lab^*olv^*_{Ma}$: 1.0 0.5 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.58 0.0

triangle lightness t^*

%Gamut

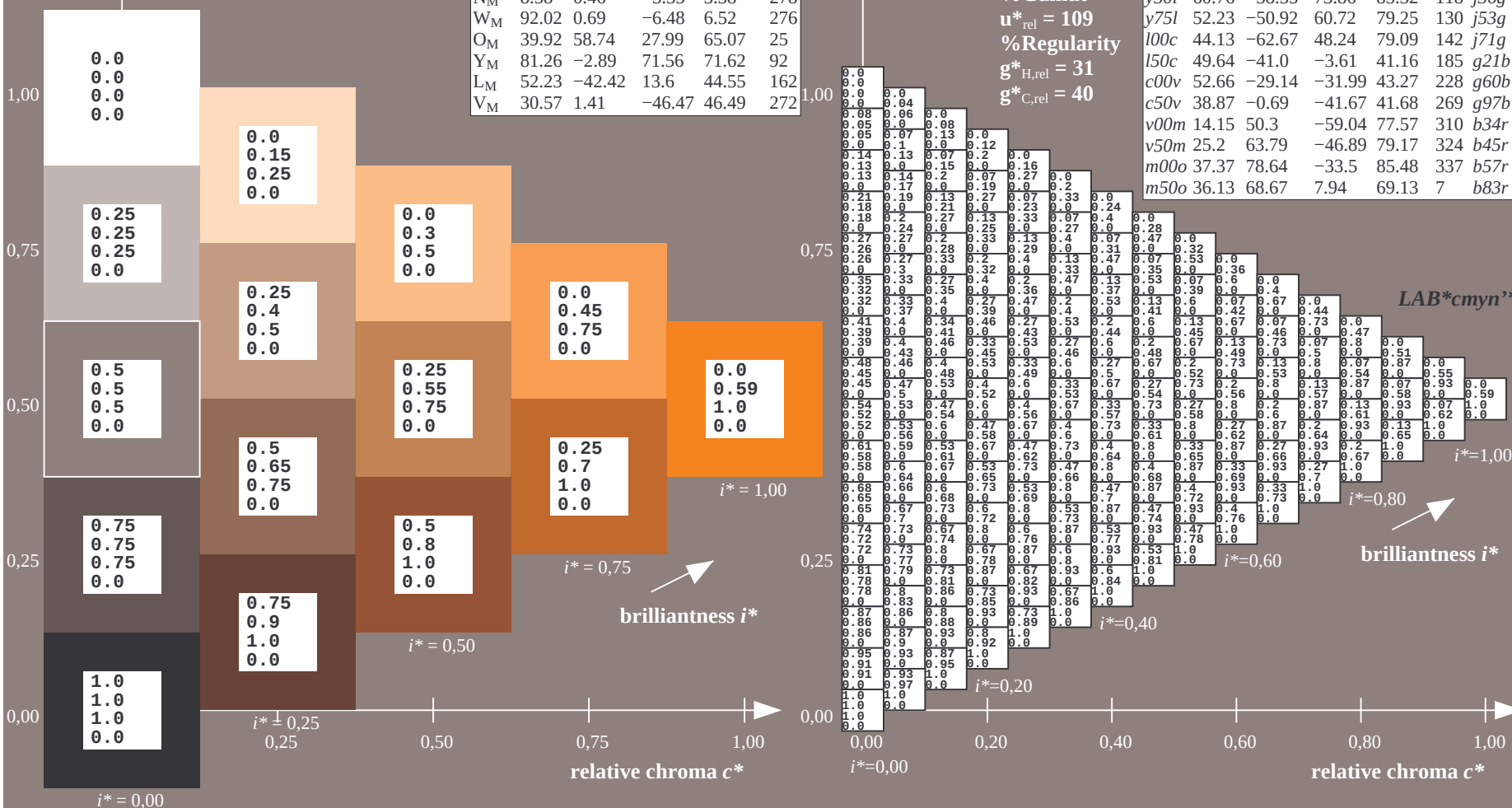
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
o00y	35.06	60.0	44.0	74.4	36	r16j	
o25y	44.68	47.13	56.9	73.88	50	r37j	
o50y	54.77	33.62	70.44	78.05	64	r58j	
o75y	66.84	17.48	86.62	88.37	79	r79j	
y00l	83.77	-5.17	109.32	109.44	93	j01g	
y25l	70.71	-24.12	89.19	92.39	105	j18g	
y50l	60.76	-38.55	73.86	83.32	118	j36g	
y75l	52.23	-50.92	60.72	79.25	130	j53g	
l00c	44.13	-62.67	48.24	79.09	142	j71g	
l50c	49.64	-41.0	-3.61	41.16	185	g21b	
c00v	52.66	-29.14	-31.99	43.27	228	g60b	
c50v	38.87	-0.69	-41.67	41.68	269	g97b	
v00m	14.15	50.3	-59.04	77.57	310	b34r	
v50m	25.2	63.79	-46.89	79.17	324	b45r	
m00o	37.37	78.64	-33.5	85.48	337	b57r	
m50o	36.13	68.67	7.94	69.13	7	b83r	



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.218$

data for any colour:

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

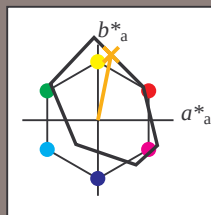
Hue texts:

$u^*_d = o75y$ $u^*_e = r79j$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
O_M	39.92	58.74	27.99	65.07	25
Y_M	81.26	-2.89	71.56	71.62	92
L_M	52.23	-42.42	13.6	44.55	162
V_M	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 17 87

$LAB^*LCH^*_{Ma}$: 67 88 78

$lab^*olv^*_{Ma}$: 1.0 0.75 0.0

$lab^*rgb^*_{Ma}$: 1.0 0.79 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

$LAB^*cmy^n^*$

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.258$

data for any colour:

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

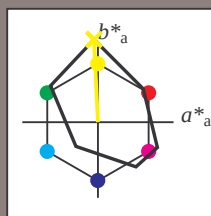
Hue texts:

$u^*_d = y00l$ $u^*_e = j01g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 84 -5 109

$LAB^*LCH^*_{Ma}$: 84 109 92

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

$lab^*rgb^*_{Ma}$: 0.99 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

$LAB^*cmy^n^*$

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.292$

data for any colour:

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

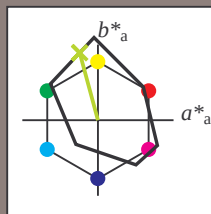
Hue texts:

$u^*_d = y25l$ $u^*_e = j18g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 71 -24 89

$LAB^*LCH^*_{Ma}$: 71 92 105

$lab^*olv^*_{Ma}$: 0.75 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.82 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

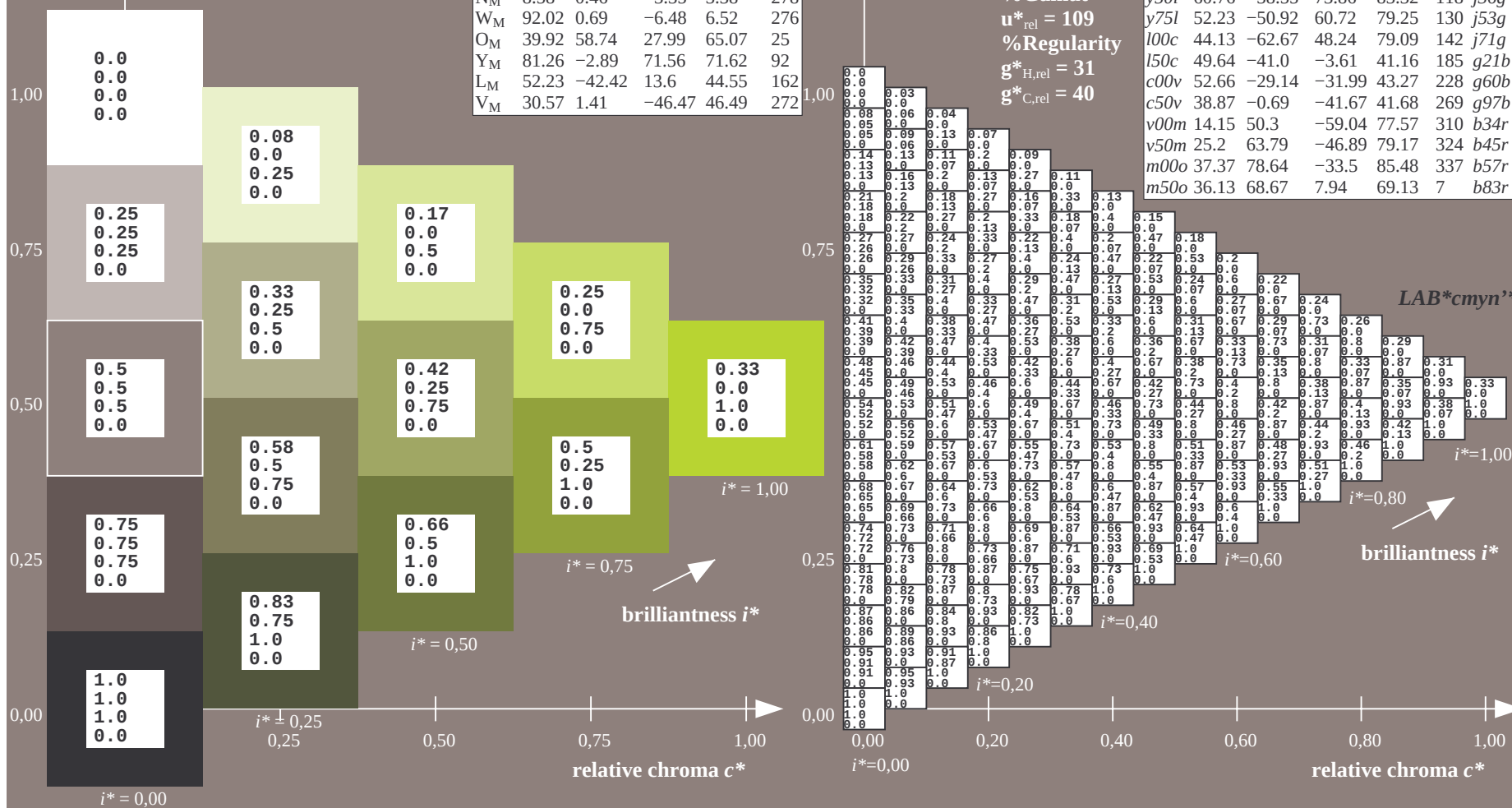
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_d = y25l$
 $LAB^*cmy^n^*$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.327$

data for any colour:

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

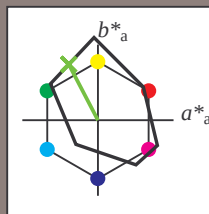
Hue texts:

$u^*_d = y50l$ $u^*_e = j36g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	60.53	39.66	72.37	33
Y _M	83.77	-4.5	103.15	103.25	92
L _M	44.13	-62.11	43.56	75.86	145
C _M	52.66	-28.56	-36.99	46.73	232
V _M	14.15	50.78	-62.6	80.61	309
M _M	37.37	79.18	-37.93	87.8	334
N _M	8.58	0.46	-3.35	3.38	278
W _M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 61 -39 74

$LAB^*LCH^*_{Ma}$: 61 83 117

$lab^*olv^*_{Ma}$: 0.5 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.64 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

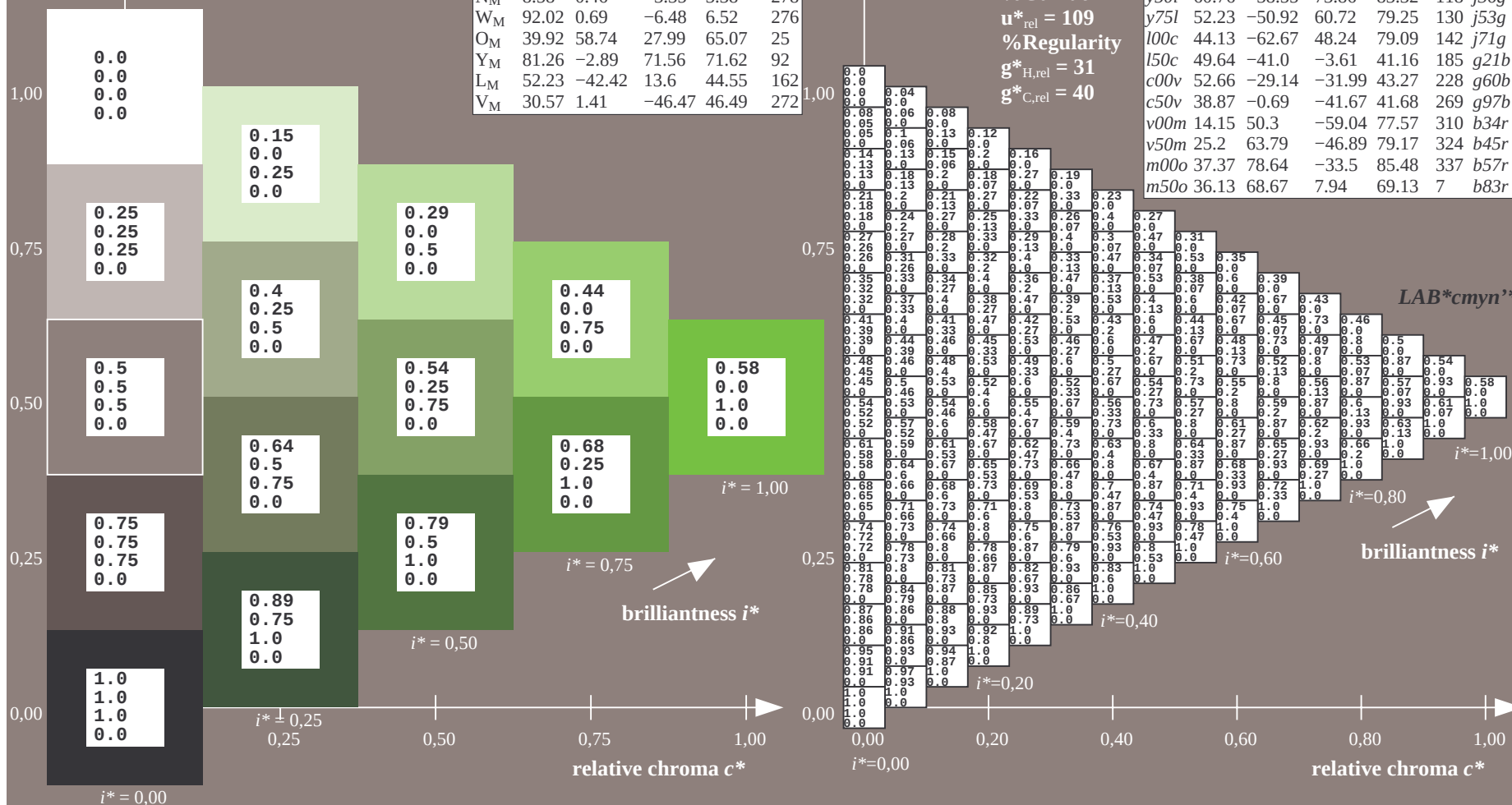
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_d = y50l$
 $LAB^*cmy^n^*$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.361$

data for any colour:

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

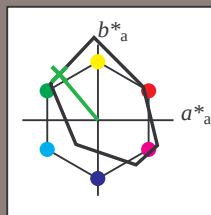
Hue texts:

$u^*_d = y75l$ $u^*_e = j53g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	60.53	39.66	72.37	33
Y _M	83.77	-4.5	103.15	103.25	92
L _M	44.13	-62.11	43.56	75.86	145
C _M	52.66	-28.56	-36.99	46.73	232
V _M	14.15	50.78	-62.6	80.61	309
M _M	37.37	79.18	-37.93	87.8	334
N _M	8.58	0.46	-3.35	3.38	278
W _M	92.02	0.69	-6.48	6.52	276
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 -51 61

$LAB^*LCH^*_{Ma}$: 52 79 129

$lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$lab^*rgb^*_{Ma}$: 0.46 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

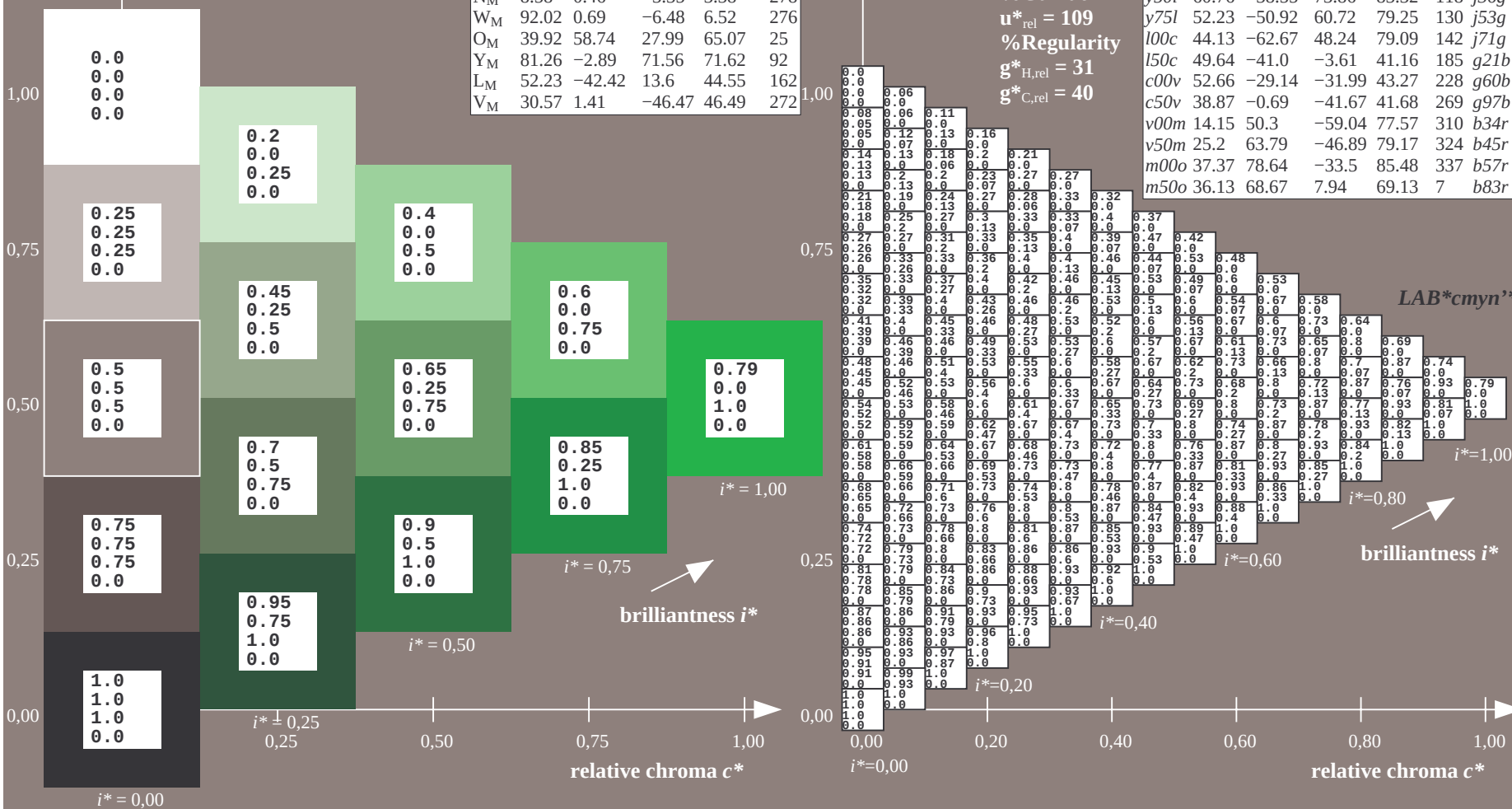
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_d = y75l$
 $LAB^*cmy^n^*$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.396$

data for any colour:

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

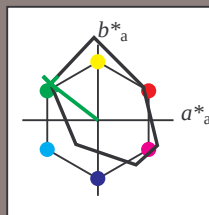
Hue texts:

$u^*_d = 100c$ $u^*_e = j71g$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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 -63 48

$LAB^*LCH^*_{Ma}$: 44 79 142

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

$lab^*rgb^*_{Ma}$: 0.28 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

$LAB^*cmy^n^*$

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.514$

data for any colour:

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

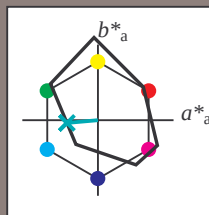
Hue texts:

$u^*_d = l50c$ $u^*_e = g21b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 50 -41 -4

$LAB^*LCH^*_{Ma}$: 50 41 185

$lab^*olv^*_{Ma}$: 0.0 1.0 0.5

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.42

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

$LAB^*cmy^n^*$

$i^* = 1.00$

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 FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.632$

data for any colour:

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

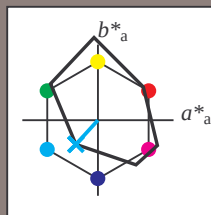
Hue texts:

$u^*_d = c00v$ $u^*_e = g60b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 53 -29 -32

$LAB^*LCH^*_{Ma}$: 53 43 227

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

$lab^*rgb^*_{Ma}$: 0.0 0.8 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

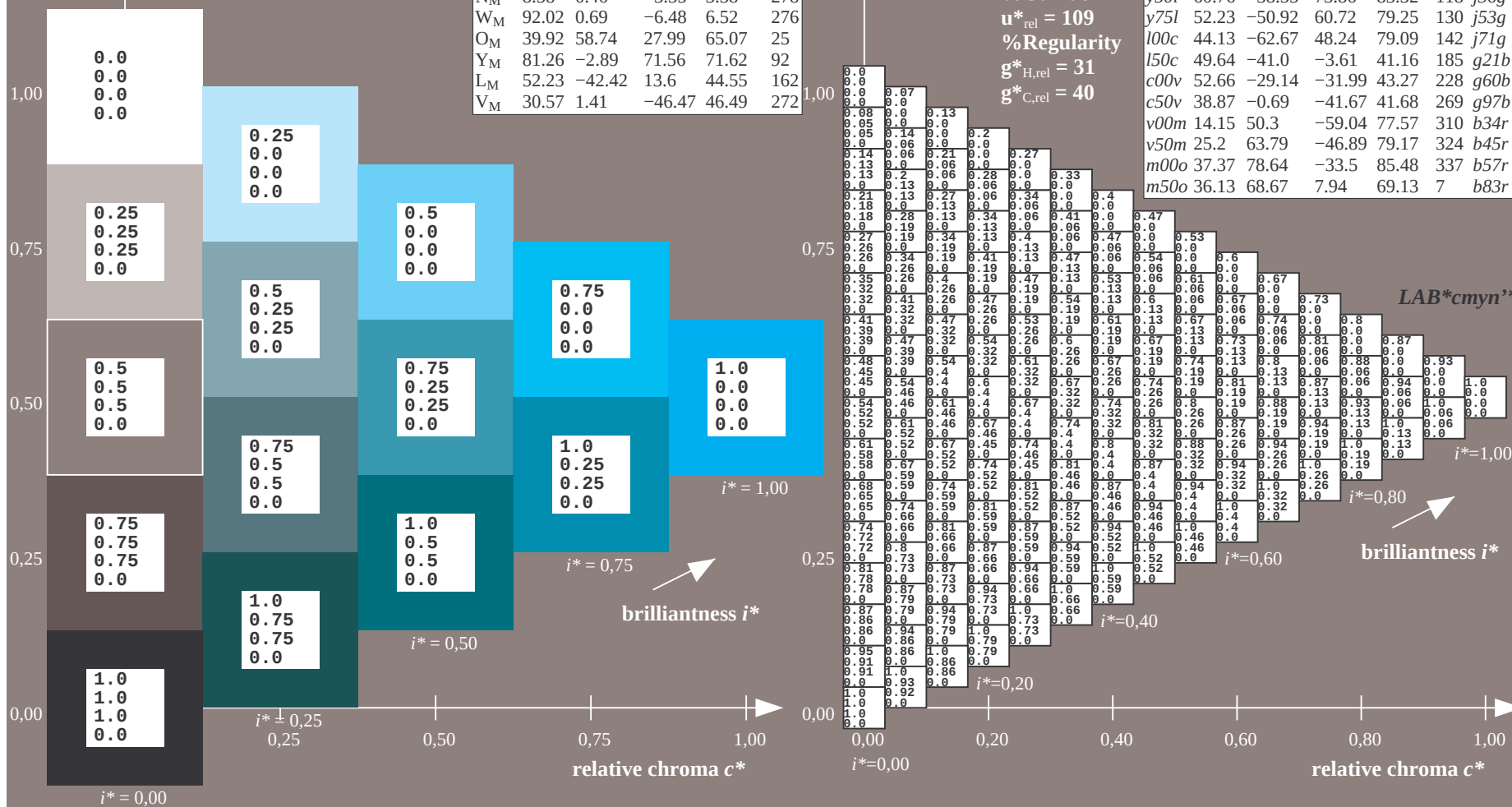
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_d = c00v$
 $LAB^*cmy^n^*$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.747$

data for any colour:

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

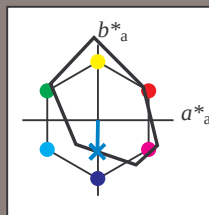
Hue texts:

$u^*_d = c50v$ $u^*_e = g97b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 39 -1 -42

$LAB^*LCH^*_{Ma}$: 39 42 269

$lab^*olv^*_{Ma}$: 0.0 0.5 1.0

$lab^*rgb^*_{Ma}$: 0.0 0.05 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

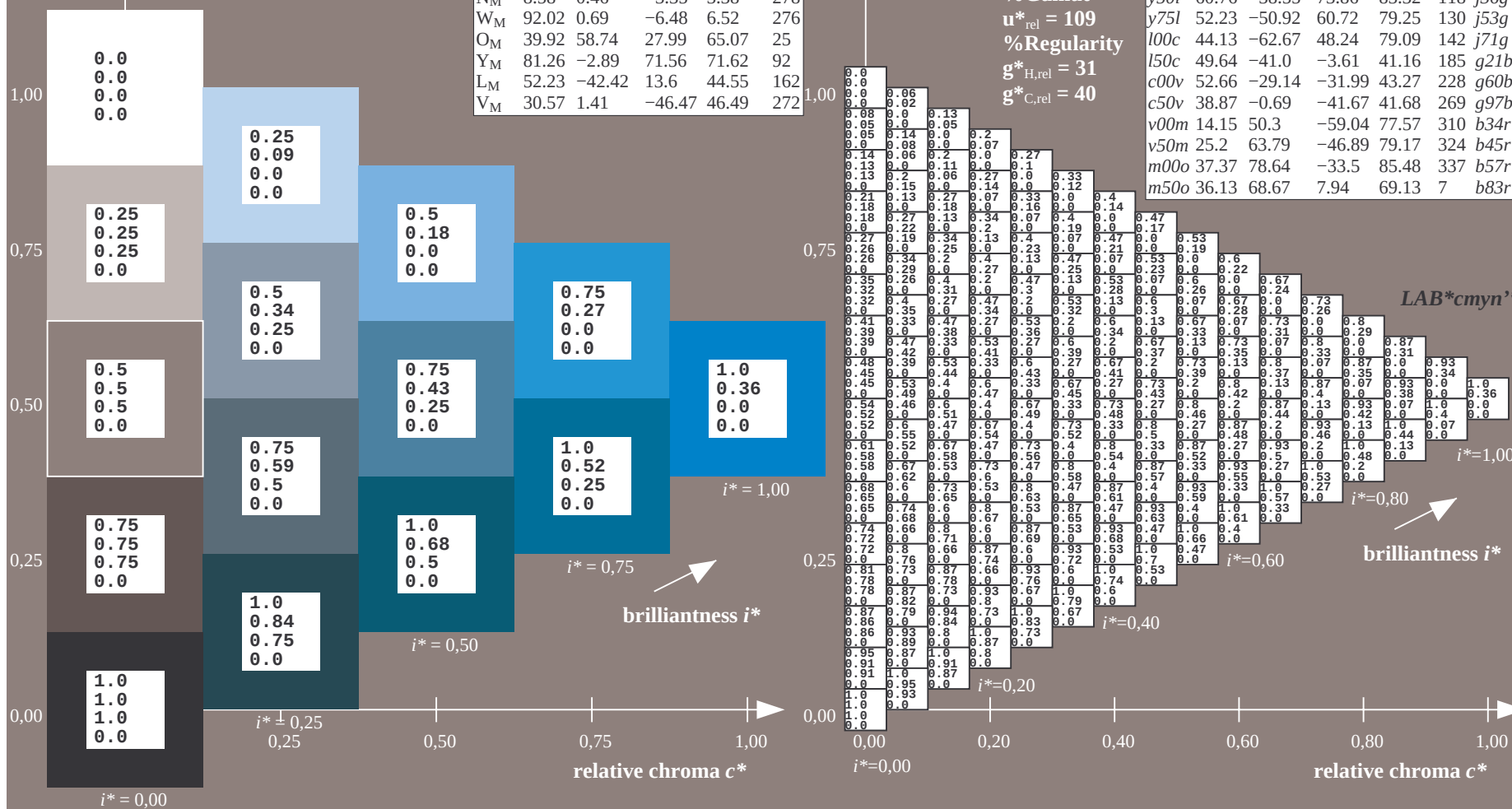
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_d = c50v$
 $LAB^*cmy^n^*$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.862$

data for any colour:

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

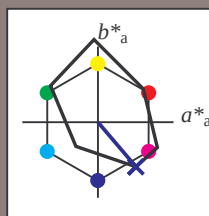
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	60.53	39.66	72.37	33
Y _M	83.77	-4.5	103.15	103.25	92
L _M	44.13	-62.11	43.56	75.86	145
C _M	52.66	-28.56	-36.99	46.73	232
V _M	14.15	50.78	-62.6	80.61	309
M _M	37.37	79.18	-37.93	87.8	334
N _M	8.58	0.46	-3.35	3.38	278
W _M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 14 50 -59

$LAB^*LCH^*_{Ma}$: 14 78 310

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

$lab^*rgb^*_{Ma}$: 0.68 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

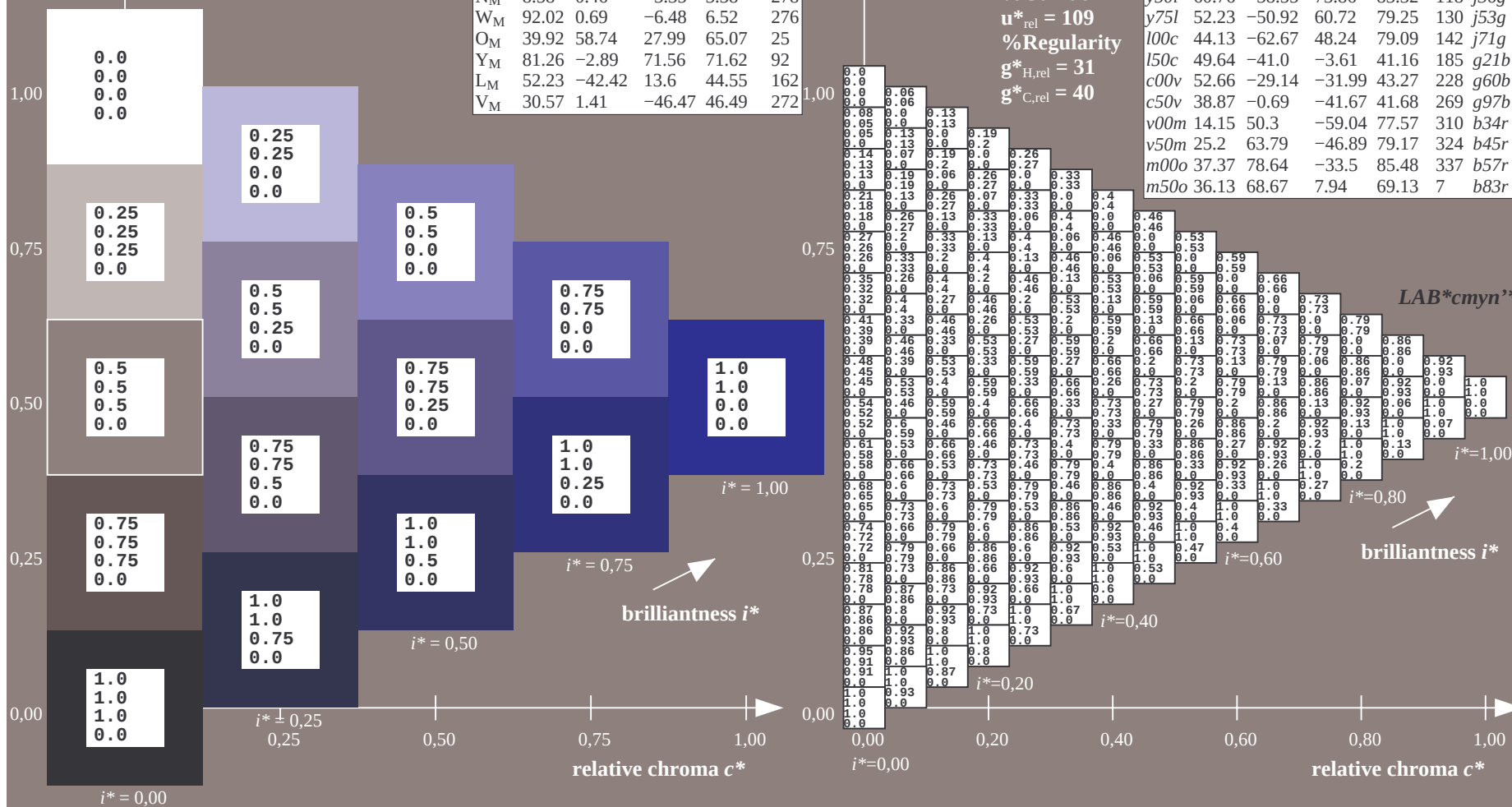
$g^*_{H,rel} = 31$

$g^*_{C,rel} = 40$

$u^*_d = v00m$
 $LAB^*cmy^n^*$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	35.06	60.0	44.0	74.4	36	r16j
o25y	44.68	47.13	56.9	73.88	50	r37j
o50y	54.77	33.62	70.44	78.05	64	r58j
o75y	66.84	17.48	86.62	88.37	79	r79j
y00l	83.77	-5.17	109.32	109.44	93	j01g
y25l	70.71	-24.12	89.19	92.39	105	j18g
y50l	60.76	-38.55	73.86	83.32	118	j36g
y75l	52.23	-50.92	60.72	79.25	130	j53g
l00c	44.13	-62.67	48.24	79.09	142	j71g
l50c	49.64	-41.0	-3.61	41.16	185	g21b
c00v	52.66	-29.14	-31.99	43.27	228	g60b
c50v	38.87	-0.69	-41.67	41.68	269	g97b
v00m	14.15	50.3	-59.04	77.57	310	b34r
v50m	25.2	63.79	-46.89	79.17	324	b45r
m00o	37.37	78.64	-33.5	85.48	337	b57r
m50o	36.13	68.67	7.94	69.13	7	b83r



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.899$

data for any colour:

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

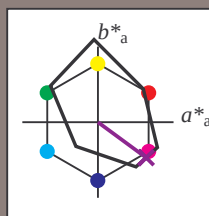
Hue texts:

$u^*_d = v50m$ $u^*_e = b45r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	35.06	60.53	39.66	72.37	33	
Y_M	83.77	-4.5	103.15	103.25	92	
L_M	44.13	-62.11	43.56	75.86	145	
C_M	52.66	-28.56	-36.99	46.73	232	
V_M	14.15	50.78	-62.6	80.61	309	
M_M	37.37	79.18	-37.93	87.8	334	
N_M	8.58	0.46	-3.35	3.38	278	
W_M	92.02	0.69	-6.48	6.52	276	
O_M	39.92	58.74	27.99	65.07	25	
Y_M	81.26	-2.89	71.56	71.62	92	
L_M	52.23	-42.42	13.6	44.55	162	
V_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 25 64 -47

$LAB^*LCH^*_{Ma}$: 25 79 323

$lab^*olv^*_{Ma}$: 0.5 0.0 1.0

$lab^*rgb^*_{Ma}$: 0.91 0.0 1.0

triangle lightness t^*

%Gamut

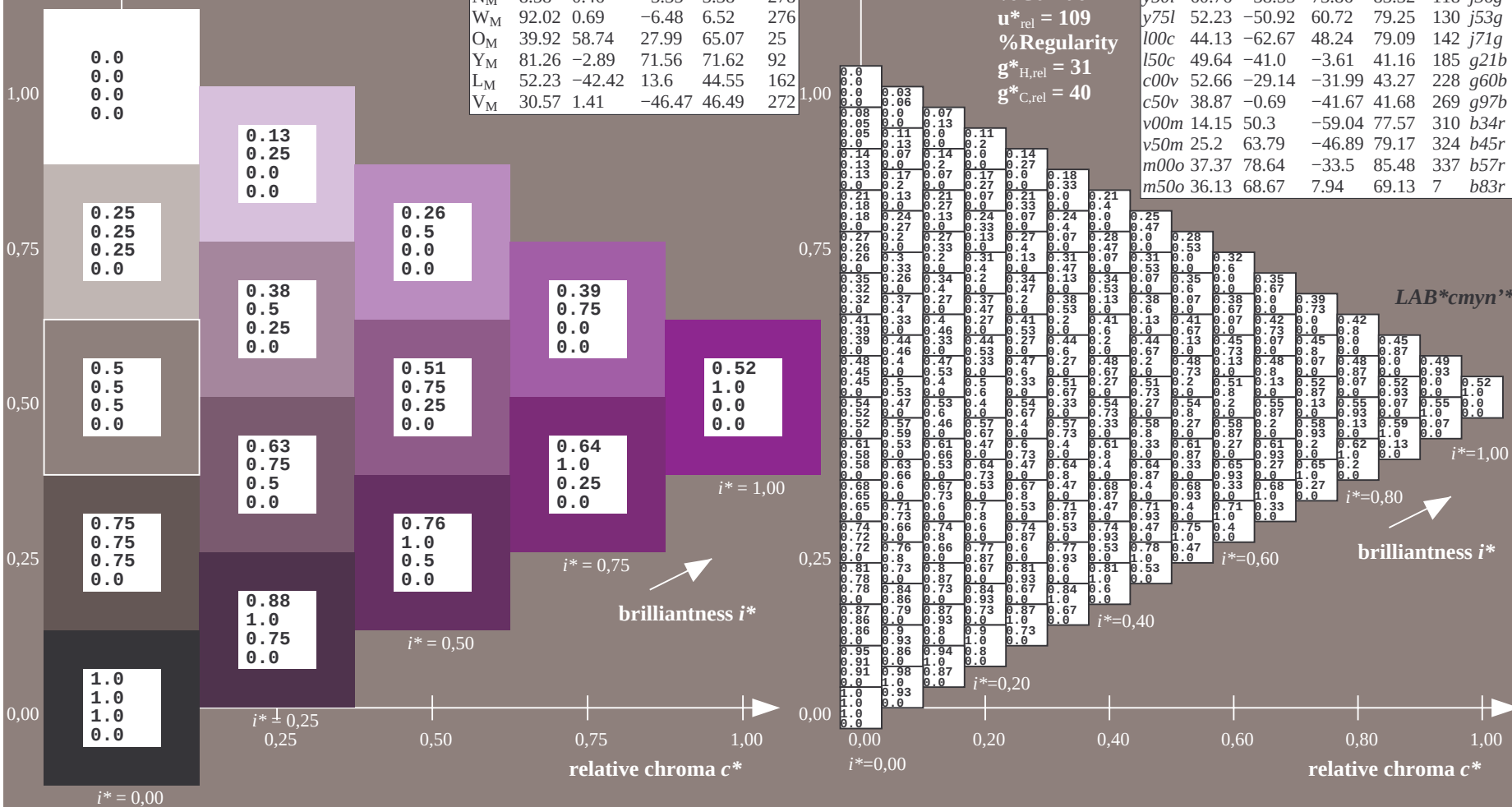
$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data							
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e	
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$	



Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.936$

data for any colour:

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

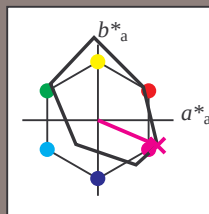
Hue texts:

$u^*_d = m00o$ $u^*_e = b57r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	60.53	39.66	72.37	33
Y_M	83.77	-4.5	103.15	103.25	92
L_M	44.13	-62.11	43.56	75.86	145
C_M	52.66	-28.56	-36.99	46.73	232
V_M	14.15	50.78	-62.6	80.61	309
M_M	37.37	79.18	-37.93	87.8	334
N_M	8.58	0.46	-3.35	3.38	278
W_M	92.02	0.69	-6.48	6.52	276
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):

$LAB^*LAB^*_{Ma}$: 37 79 -34

$LAB^*LCH^*_{Ma}$: 37 85 336

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

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.85

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
$o00y$	35.06	60.0	44.0	74.4	36	$r16j$
$o25y$	44.68	47.13	56.9	73.88	50	$r37j$
$o50y$	54.77	33.62	70.44	78.05	64	$r58j$
$o75y$	66.84	17.48	86.62	88.37	79	$r79j$
$y00l$	83.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	70.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	60.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	52.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	44.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	49.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	52.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	38.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	14.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	25.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	37.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	36.13	68.67	7.94	69.13	7	$b83r$

$LAB^*cmy^n^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.018$

data for any colour:

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

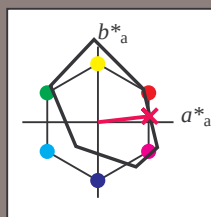
Hue texts:

$u^*_d = m50o$ $u^*_e = b83r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92aM; CIELAB data						
u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	35.06	60.53	39.66	72.37	33	
Y _M	83.77	-4.5	103.15	103.25	92	
L _M	44.13	-62.11	43.56	75.86	145	
C _M	52.66	-28.56	-36.99	46.73	232	
V _M	14.15	50.78	-62.6	80.61	309	
M _M	37.37	79.18	-37.93	87.8	334	
N _M	8.58	0.46	-3.35	3.38	278	
W _M	92.02	0.69	-6.48	6.52	276	
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):

$LAB^*LAB^*_{Ma}$: 36 69 8

$LAB^*LCH^*_{Ma}$: 36 69 6

$lab^*olv^*_{Ma}$: 1.0 0.0 0.5

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.33

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

$g^*_{C,rel} = 40$

FRS09_92aM; adapted (a) CIELAB data								
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e		
o00y	35.06	60.0	44.0	74.4	36	r16j		
o25y	44.68	47.13	56.9	73.88	50	r37j		
o50y	54.77	33.62	70.44	78.05	64	r58j		
o75y	66.84	17.48	86.62	88.37	79	r79j		
y00l	83.77	-5.17	109.32	109.44	93	j01g		
y25l	70.71	-24.12	89.19	92.39	105	j18g		
y50l	60.76	-38.55	73.86	83.32	118	j36g		
y75l	52.23	-50.92	60.72	79.25	130	j53g		
l00c	44.13	-62.67	48.24	79.09	142	j71g		
l50c	49.64	-41.0	-3.61	41.16	185	g21b		
c00v	52.66	-29.14	-31.99	43.27	228	g60b		
c50v	38.87	-0.69	-41.67	41.68	269	g97b		
v00m	14.15	50.3	-59.04	77.57	310	b34r		
v50m	25.2	63.79	-46.89	79.17	324	b45r		
m00o	37.37	78.64	-33.5	85.48	337	b57r		
m50o	36.13	68.67	7.94	69.13	7	b83r		

$u^*_d = m50o$
 $LAB^*cmy^n^*$

