

Input and output:

Colorimetric Printer Reflective System FRS09_92a
data for any colour:

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

elementary hue text:

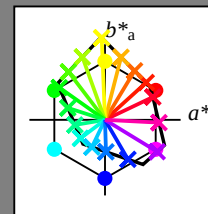
$u^*_e = 16$ hues *r00j*, *r25j*, ..., *b75r*

contrast reduction factor:

$c_R = 1.0$

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
<i>r00j</i>	35.47	63.32	30.17	70.15	25	<i>m81o</i>
<i>r25j</i>	39.12	54.56	49.45	73.64	42	<i>o10y</i>
<i>r50j</i>	50.64	39.15	64.89	75.79	59	<i>o40y</i>
<i>r75j</i>	64.01	21.26	82.83	85.52	76	<i>o69y</i>
<i>j00g</i>	83.18	-4.38	108.53	108.62	92	<i>o98y</i>
<i>j25g</i>	66.73	-29.89	83.06	88.28	110	<i>y34l</i>
<i>j50g</i>	54.03	-48.31	63.49	79.78	127	<i>y69l</i>
<i>j75g</i>	44.73	-60.33	42.64	73.88	145	<i>l03c</i>
<i>g00b</i>	47.59	-49.08	15.74	51.54	162	<i>l23c</i>
<i>g25b</i>	49.97	-39.7	-6.72	40.27	190	<i>l55c</i>
<i>g50b</i>	51.85	-32.33	-24.35	40.48	217	<i>l87c</i>
<i>g75b</i>	46.92	-17.29	-36.02	39.96	244	<i>c20v</i>
<i>b00r</i>	37.91	1.28	-42.35	42.37	272	<i>c53v</i>
<i>b25r</i>	23.81	30.38	-52.26	60.45	300	<i>c87v</i>
<i>b50r</i>	29.52	69.06	-42.14	80.9	329	<i>v68m</i>
<i>b75r</i>	36.48	71.47	-3.69	71.57	357	<i>m34o</i>



%Gamut

$u^*_{rel} = 109$

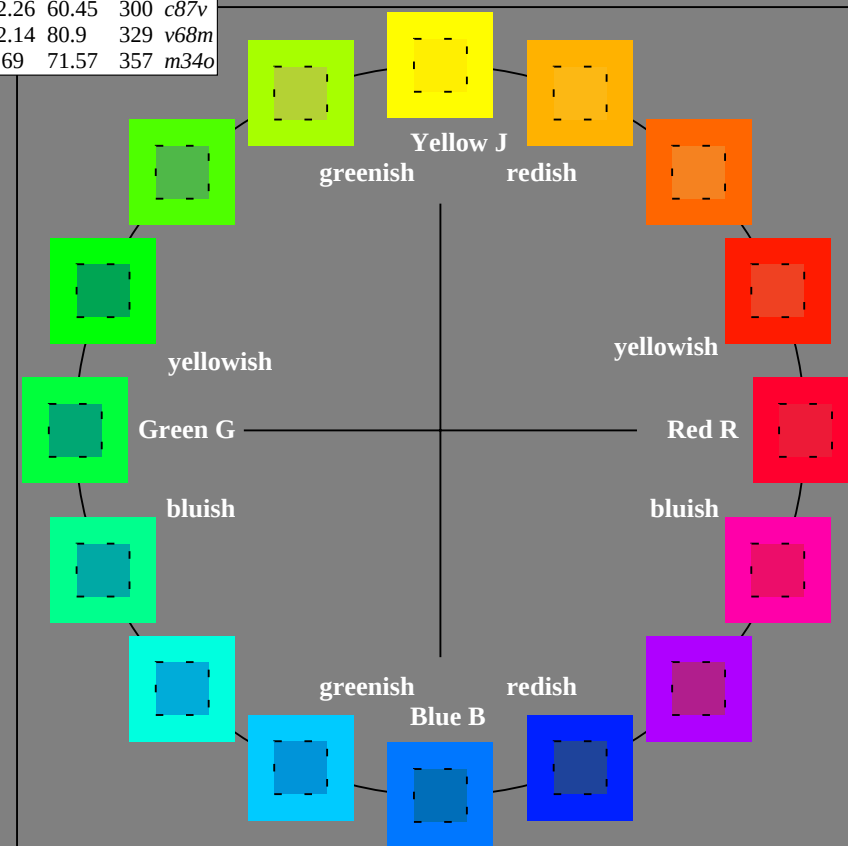
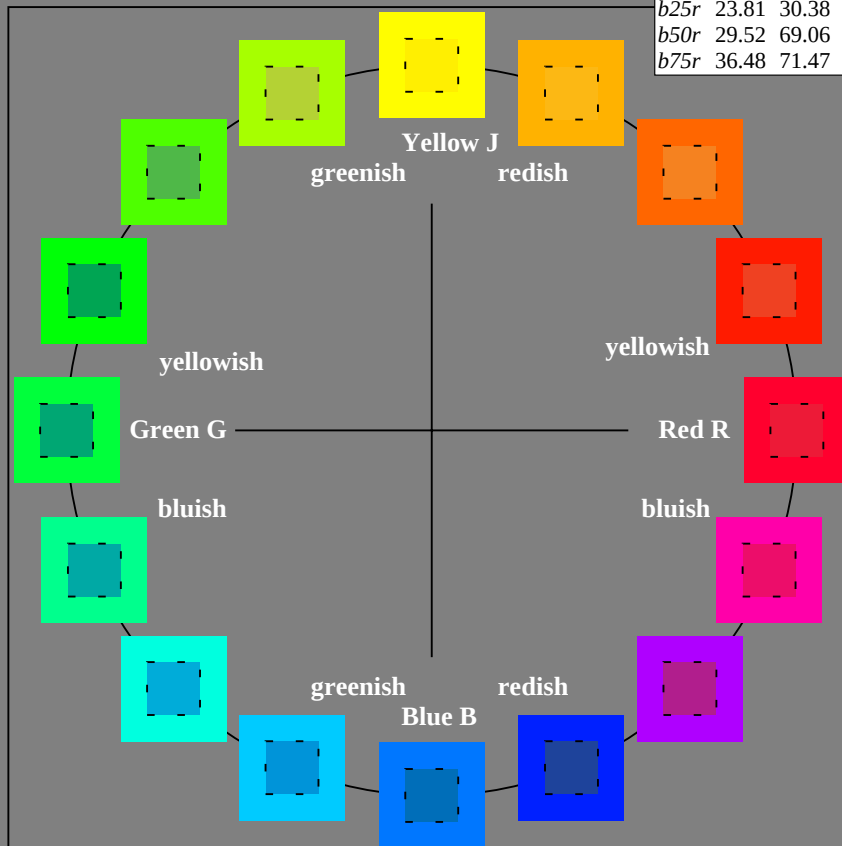
%Regularity

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

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

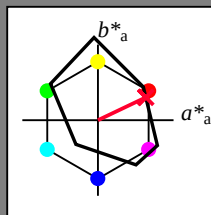
FRS09_92a; adapted (a) CIELAB data

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
R _{CIE}	39.92	58.74	27.99	65.07	92
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = r00j$ $u_d^* = m81o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 35 63 30

LAB^*LCH^*Ma : 35 70 25

lab^*rgb^*Ma : 1.0 0.0 0.0

lab^*olv^*Ma : 1.0 0.0 0.18

triangle lightness t^*

%Gamut

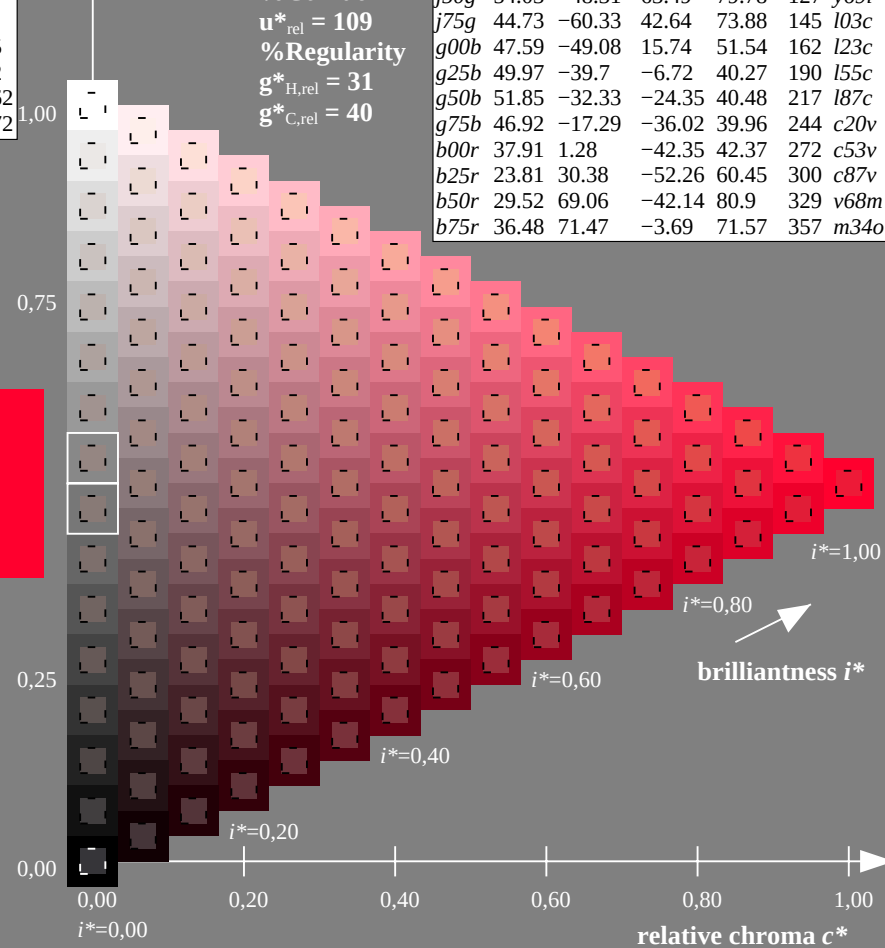
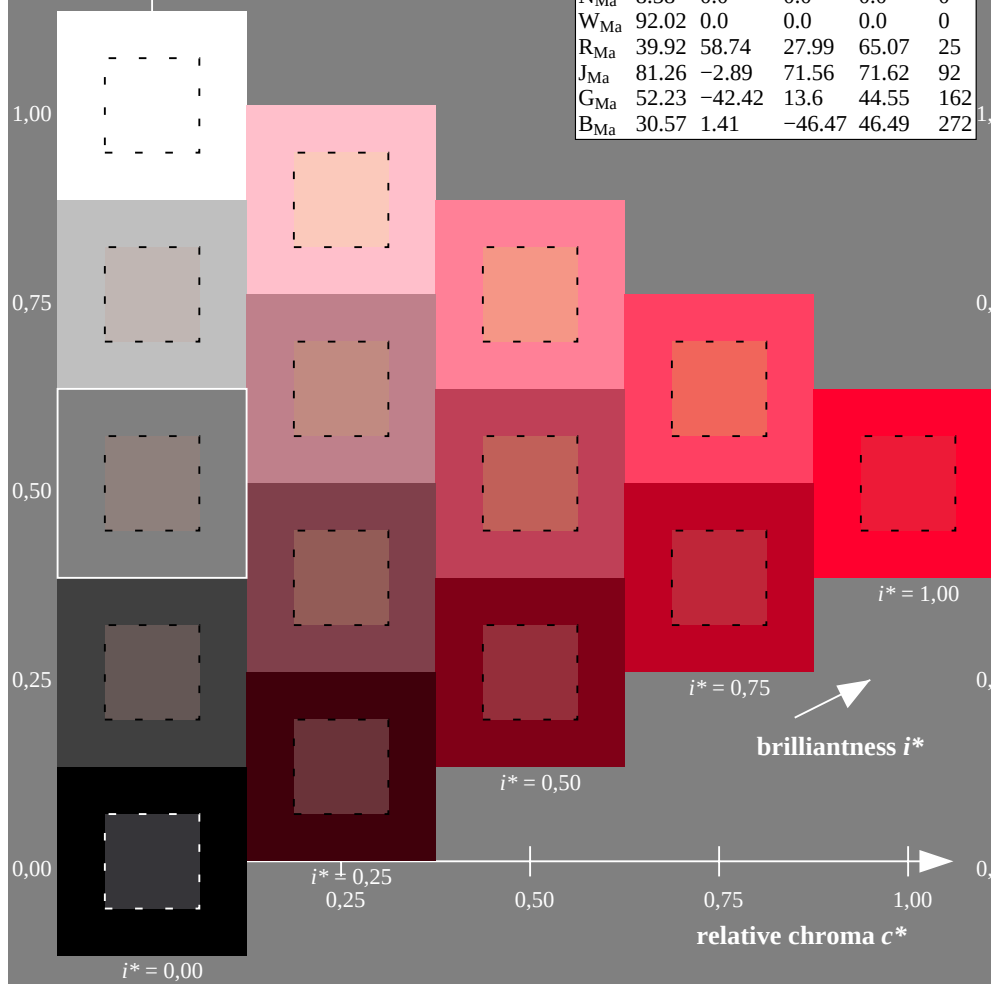
$u_{rel}^* = 109$

%Regularity

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

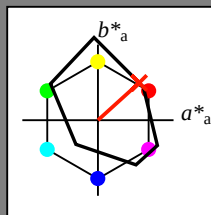
FRS09_92a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u_e^* = r25j$ $u_d^* = o10y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 55 49

$LAB^*LCH^*_{Ma}$: 39 74 42

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

$lab^*olv^*_{Ma}$: 1.0 0.11 0.0

triangle lightness t^*

%Gamut

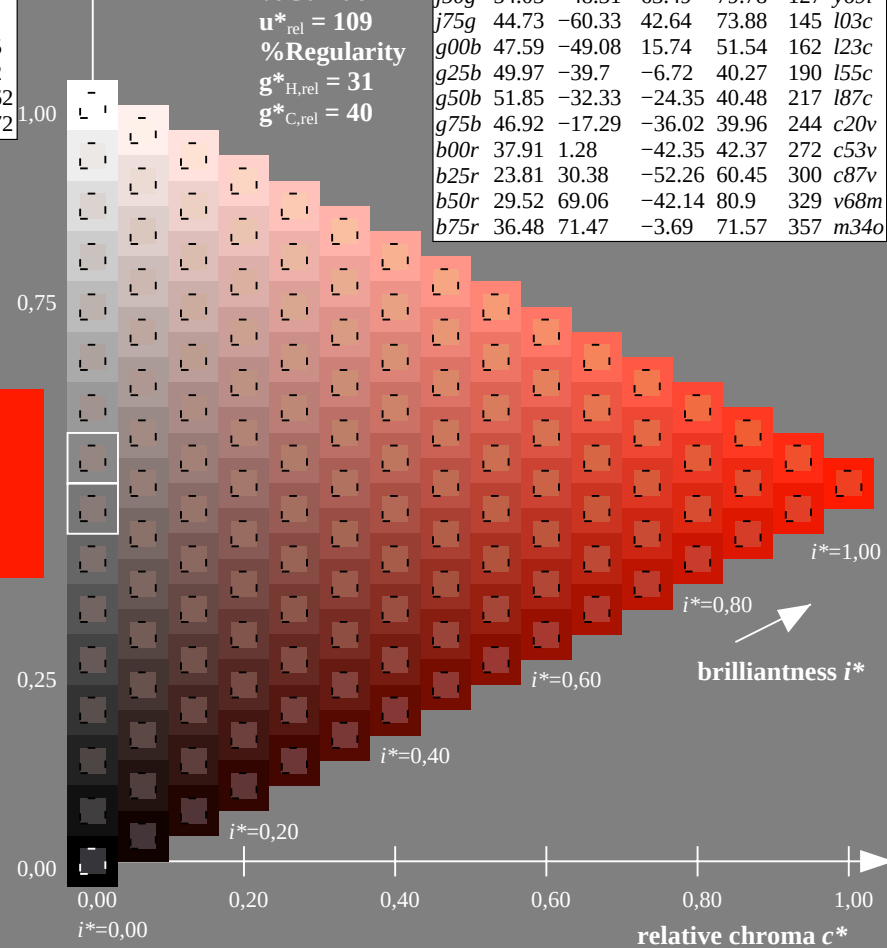
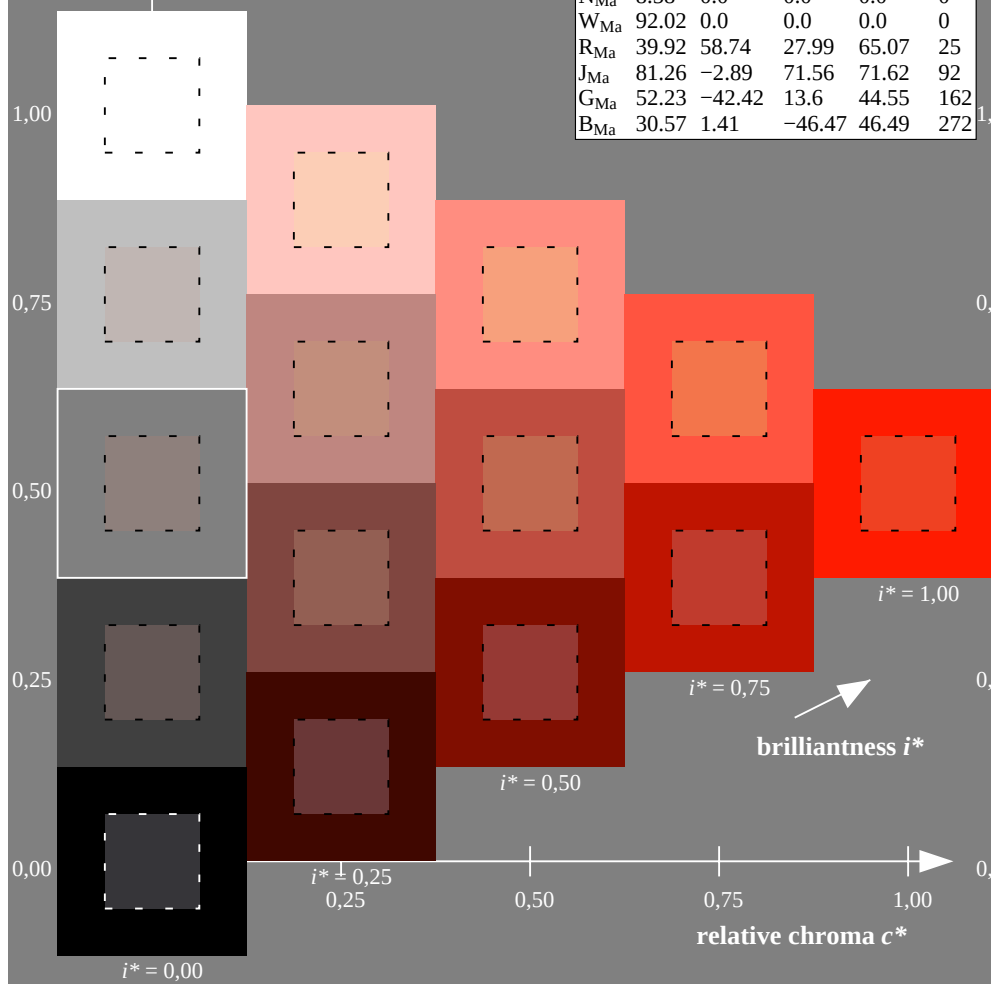
$u^*_{rel} = 109$

%Regularity

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

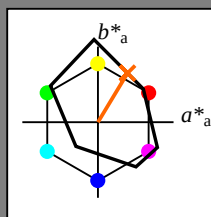
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = r50j$ $u_d^* = o40y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 39 65

$LAB^*LCH^*_{Ma}$: 51 76 58

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

$lab^*olv^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

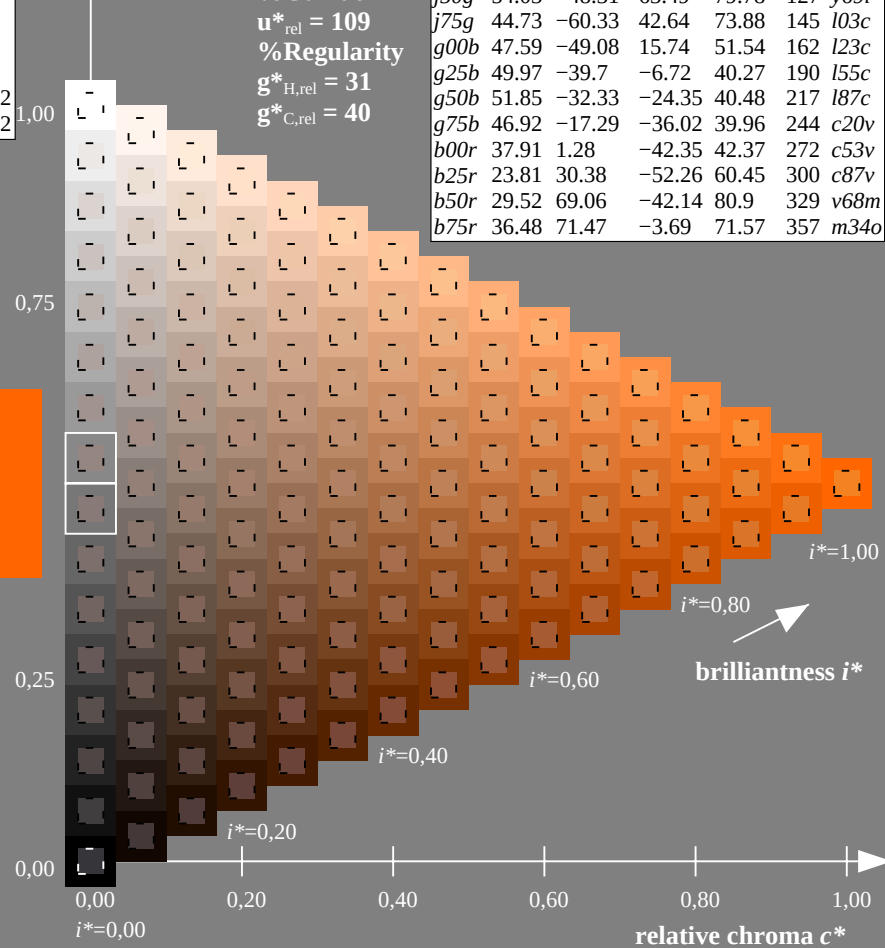
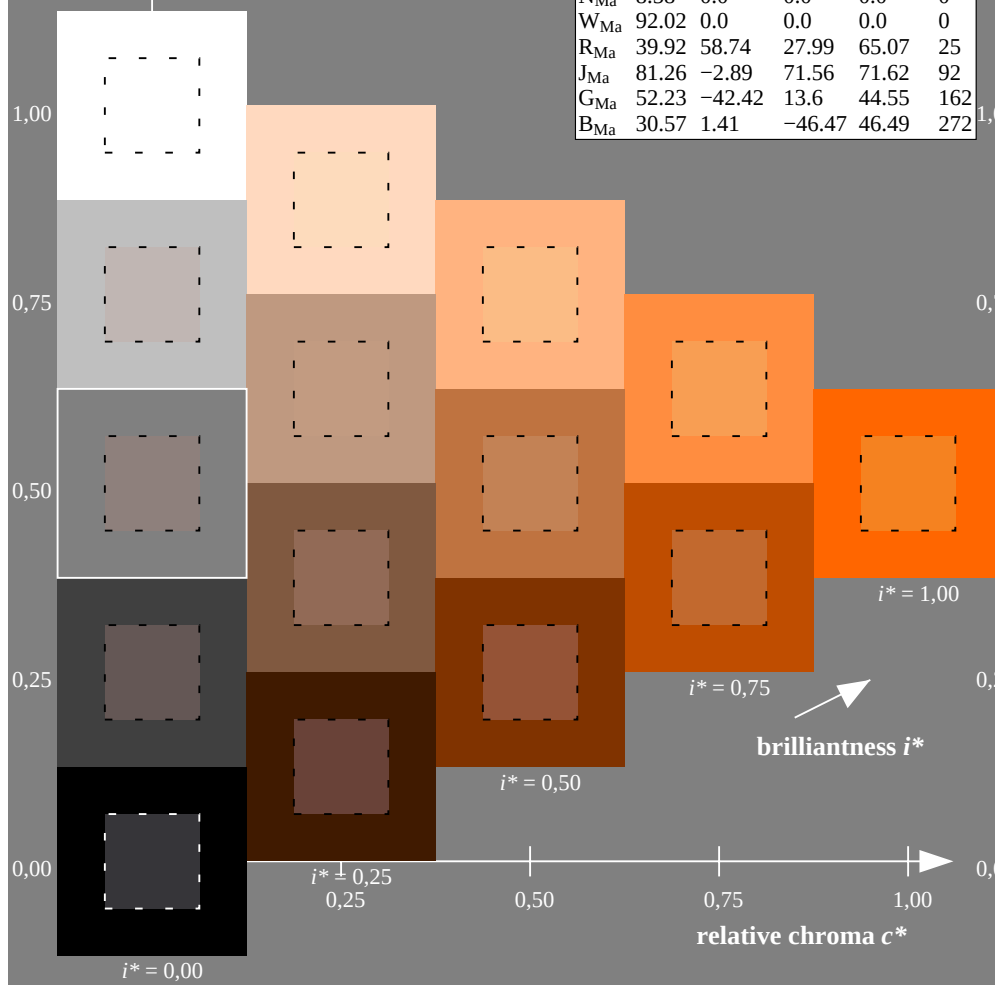
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
	u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
data for any colour:

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

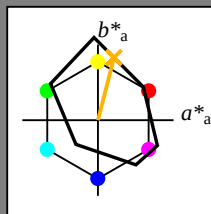
Hue texts:

$u^*_e = r75j$ $u^*_d = o69y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 21 83

$LAB^*LCH^*_{Ma}$: 64 86 75

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

$lab^*olv^*_{Ma}$: 1.0 0.7 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

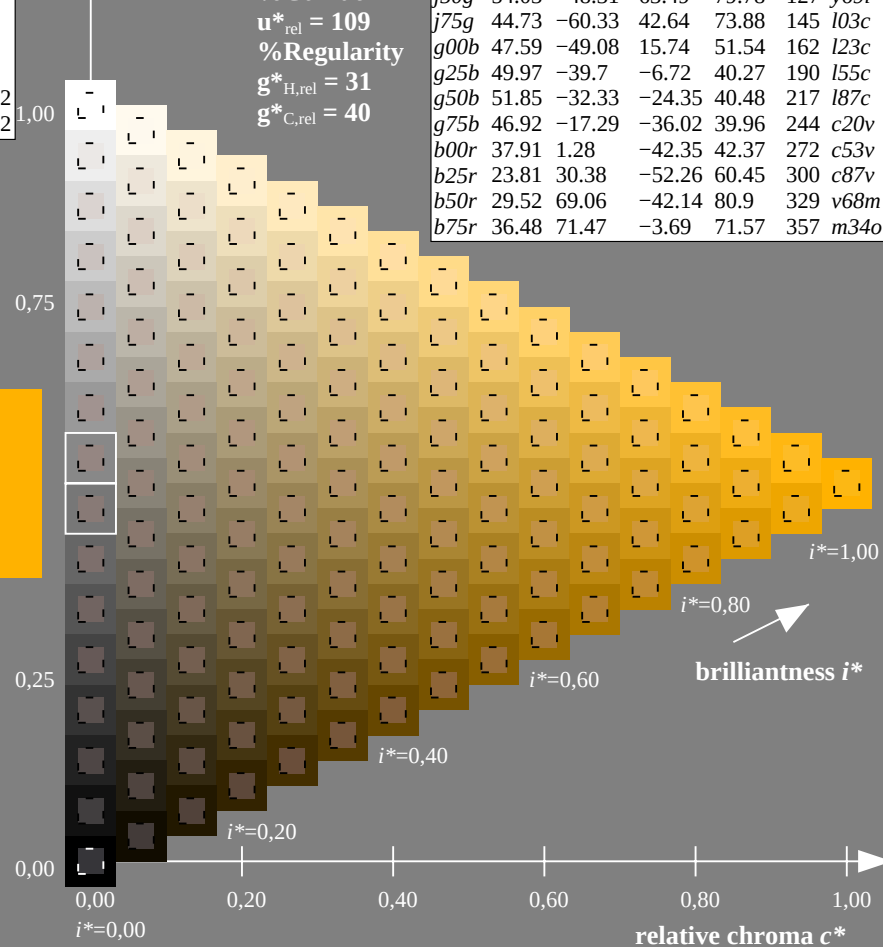
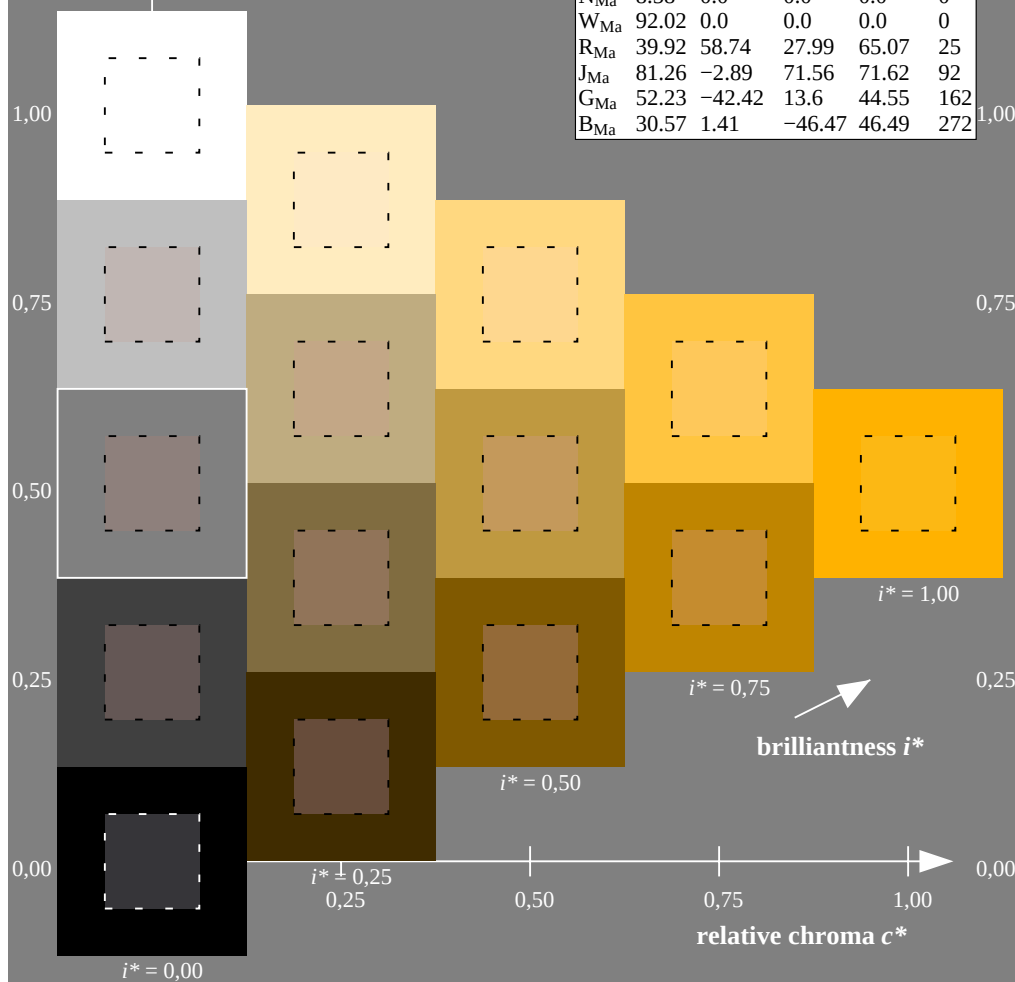
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$
data for any colour:

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

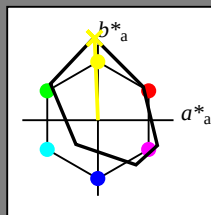
Hue texts:

$u^*_e = j00g$ $u^*_d = o98y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -4 109

$LAB^*LCH^*_{Ma}$: 83 109 92

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

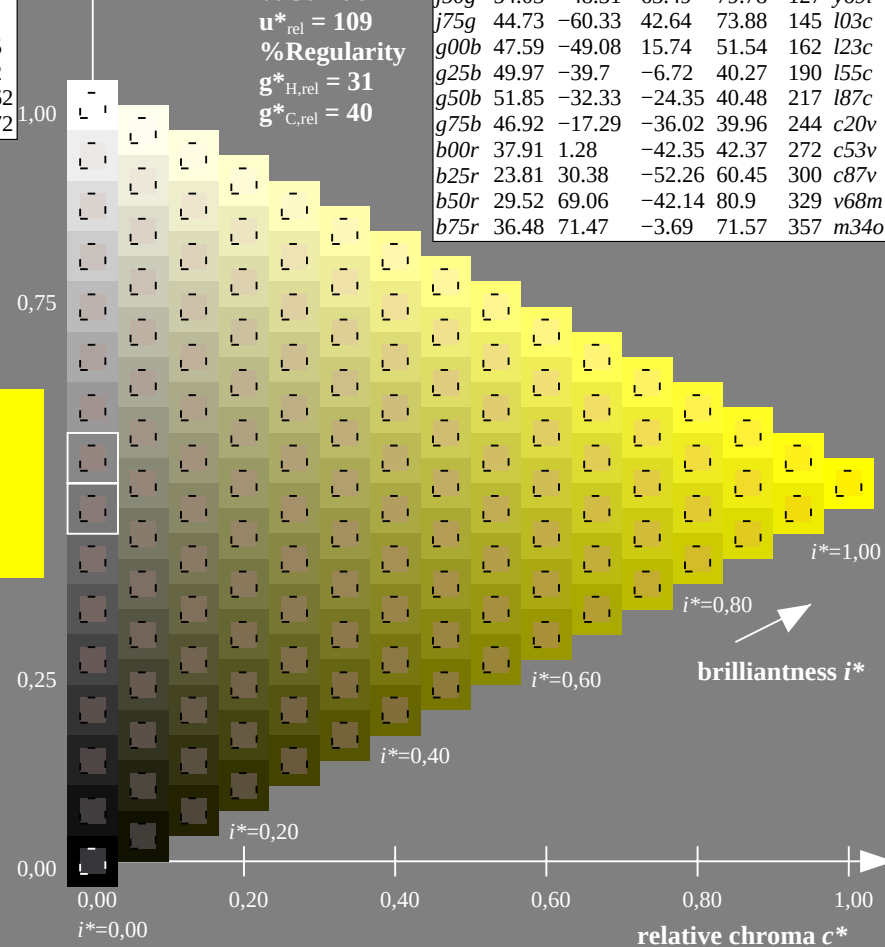
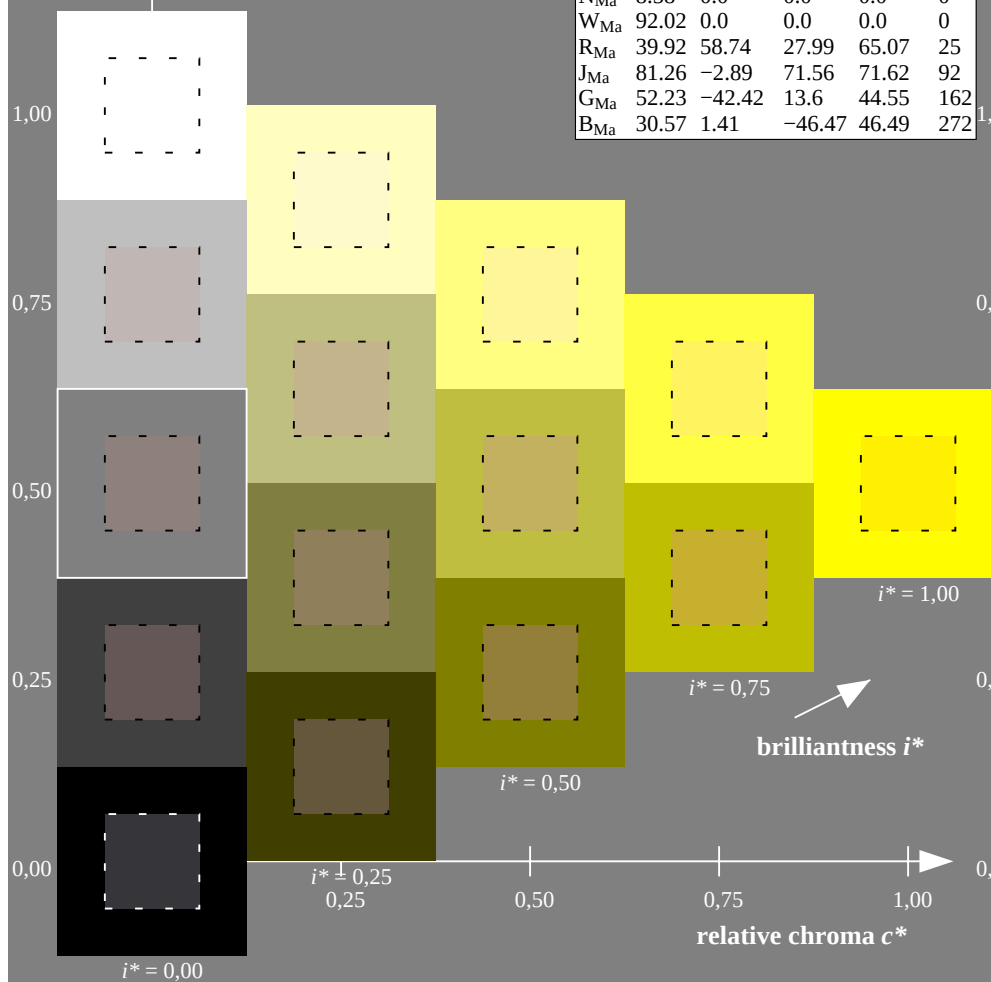
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$
data for any colour:

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

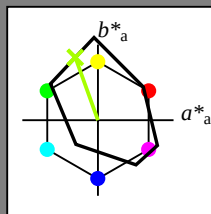
Hue texts:

$u^*_e = j25g$ $u^*_d = y34l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -30 83

$LAB^*LCH^*_{Ma}$: 67 88 109

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

$lab^*olv^*_{Ma}$: 0.66 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

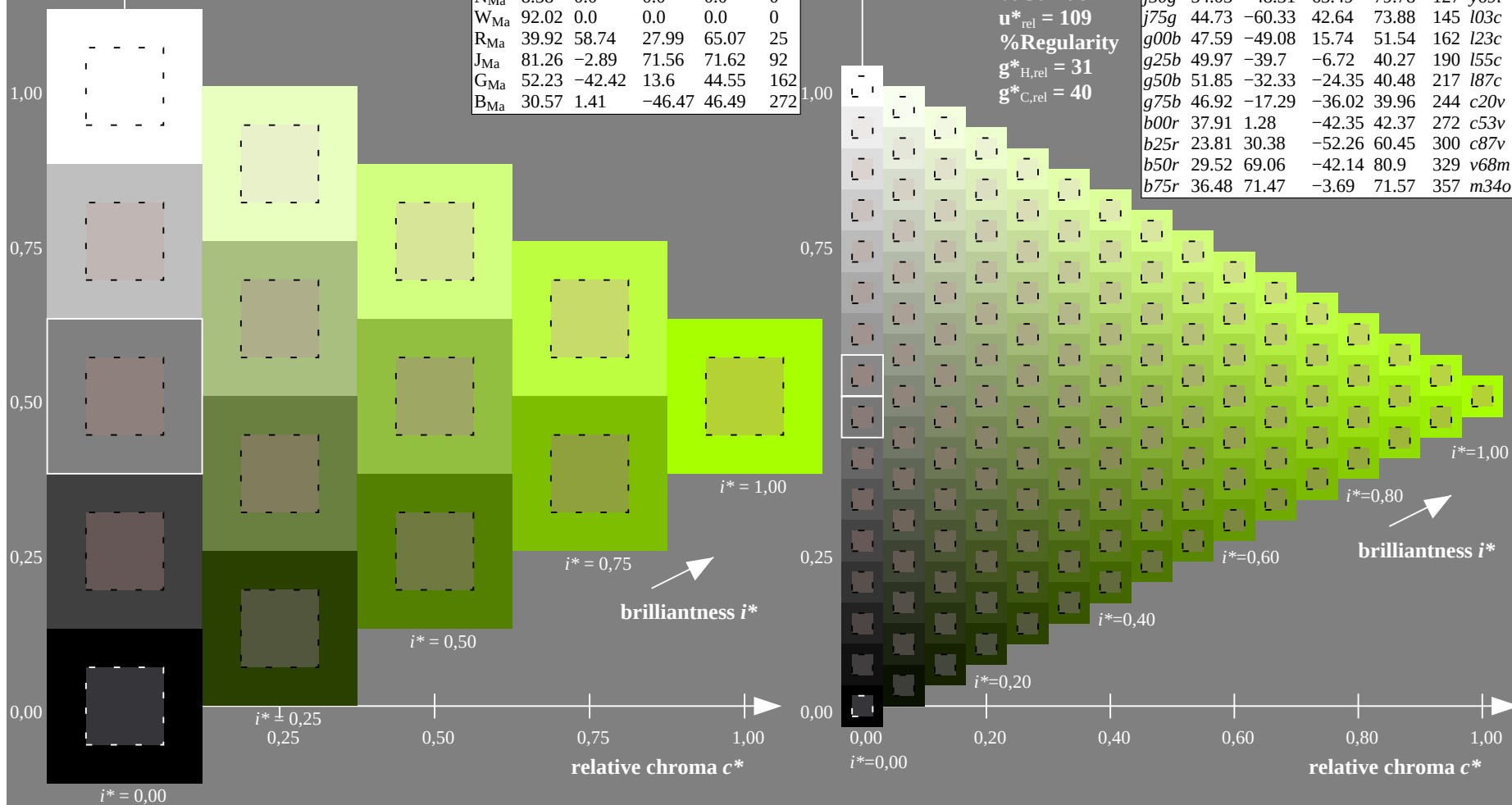
%Regularity

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

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

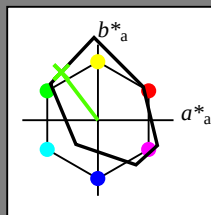
FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j50g$ $u^*_d = y69l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



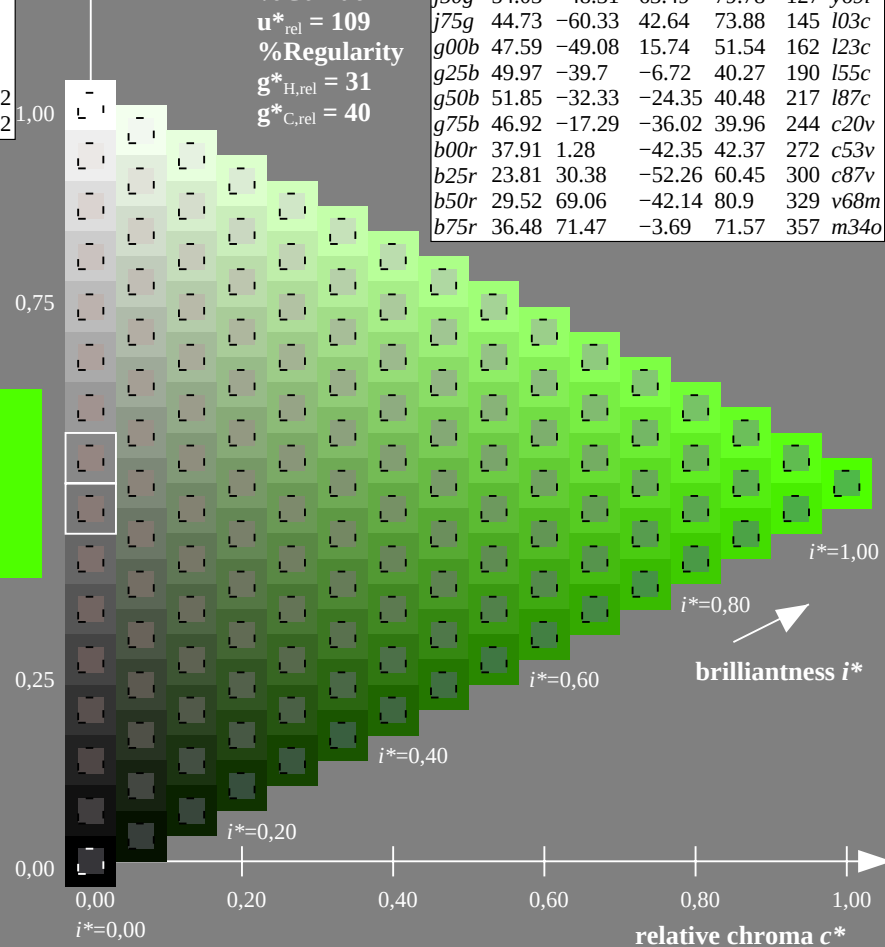
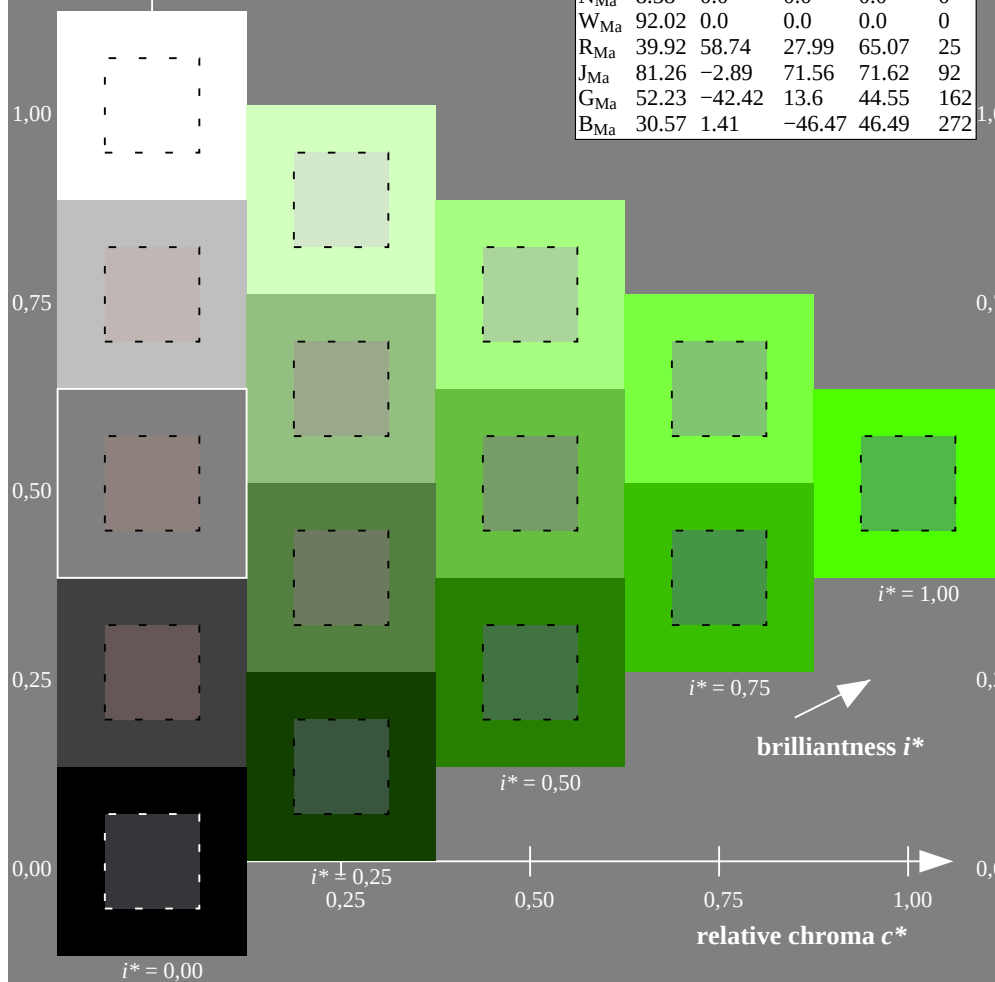
FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -48 63
 $LAB^*LCH^*_{Ma}$: 54 80 127
 $lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.3 1.0 0.0
triangle lightness t^*

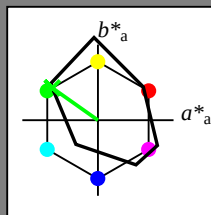
%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j75g$ $u^*_d = i03c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -60 43

$LAB^*LCH^*_{Ma}$: 45 74 144

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.03

triangle lightness t^*

%Gamut

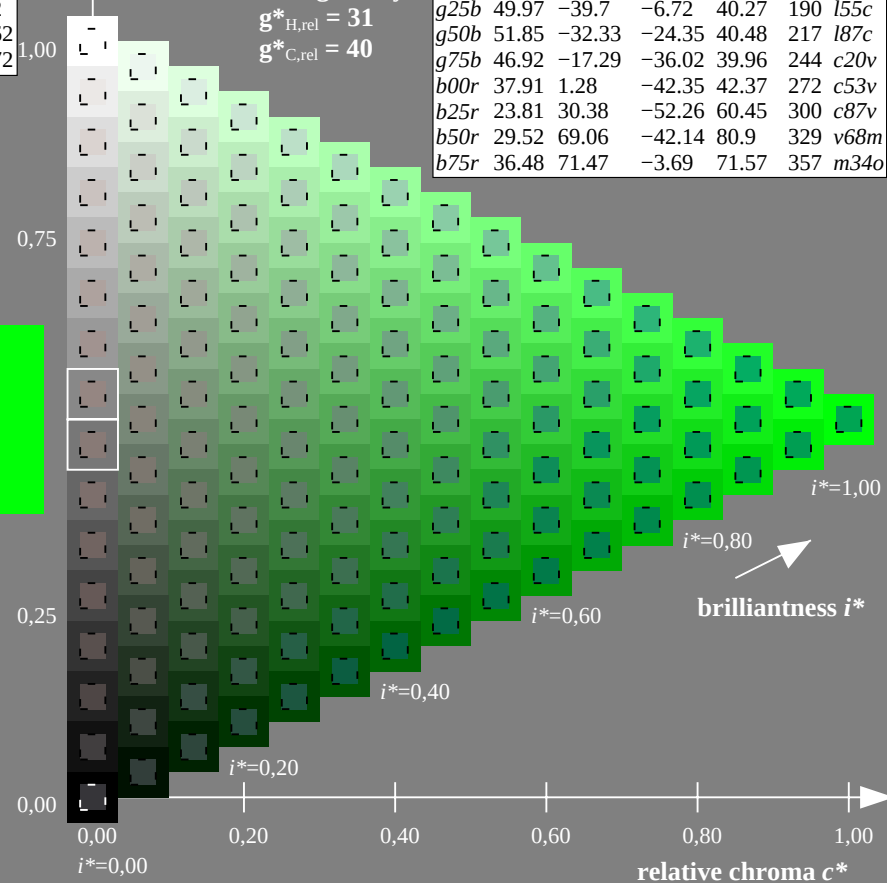
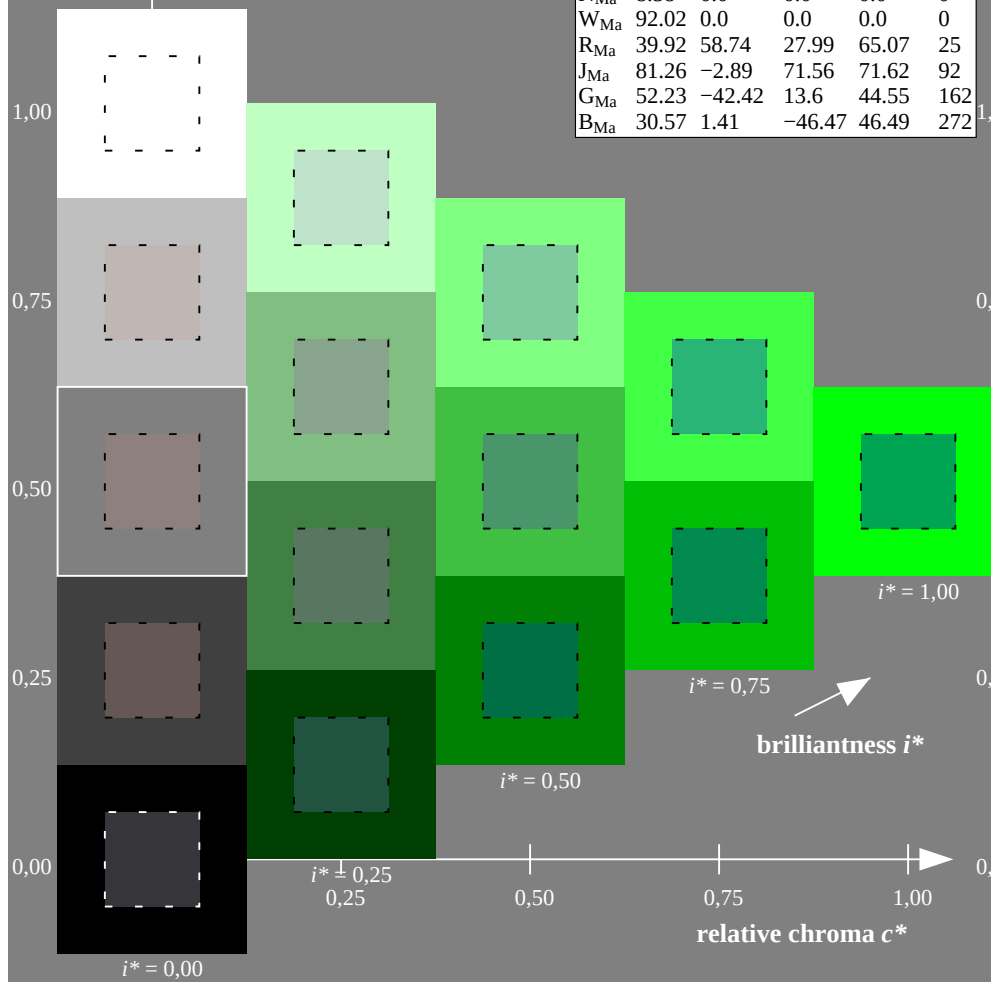
$u^*_{rel} = 109$

%Regularity

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

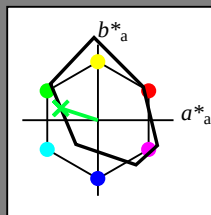
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g00b$ $u^*_d = l23c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -49 16

$LAB^*LCH^*_{Ma}$: 48 52 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.23

triangle lightness t^*

%Gamut

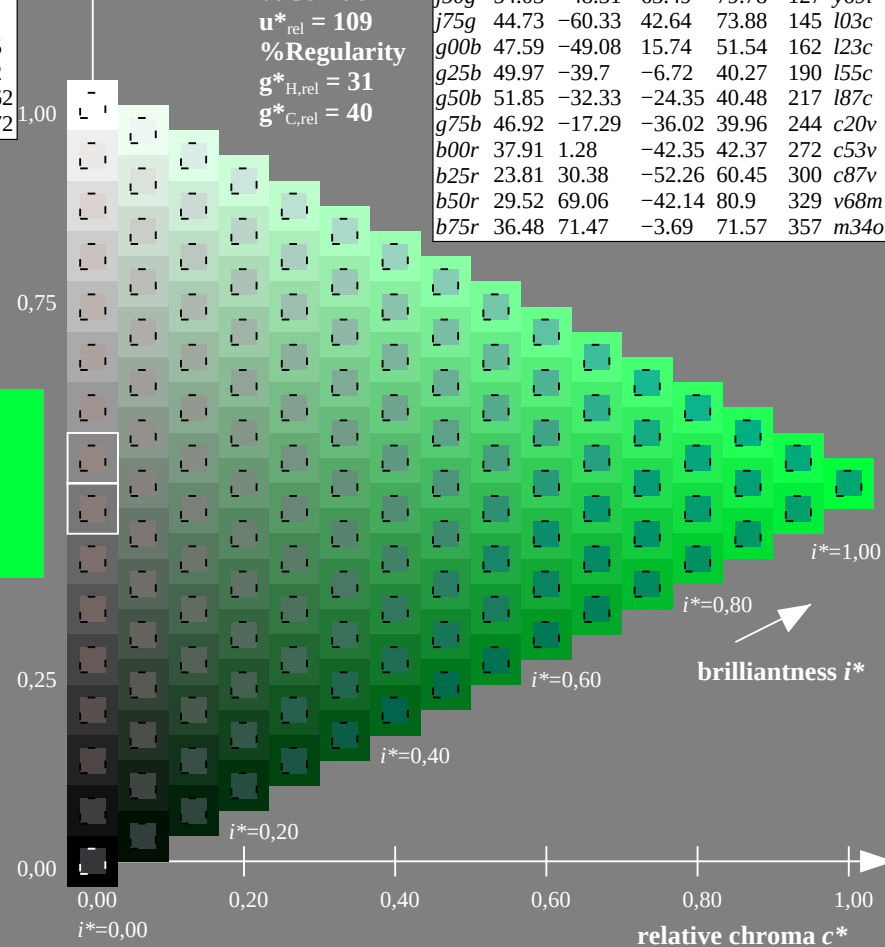
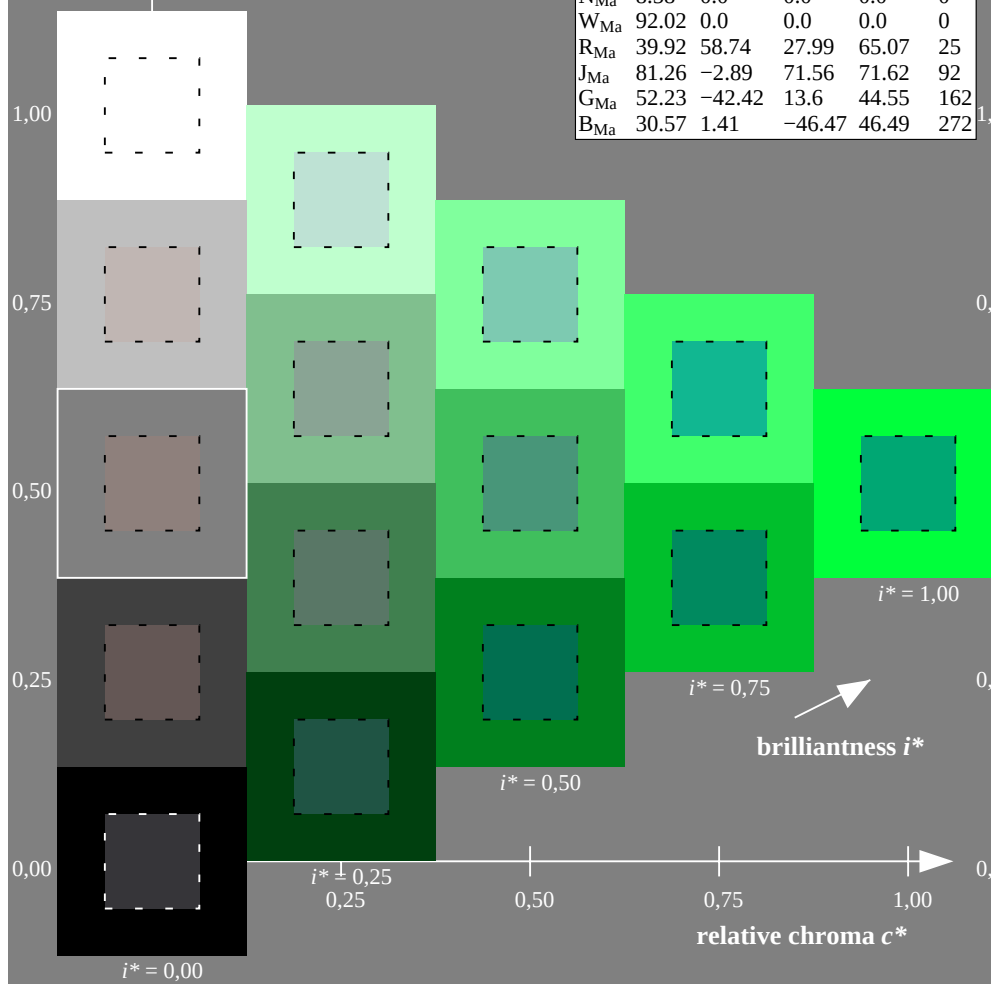
$u^*_{rel} = 109$

%Regularity

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

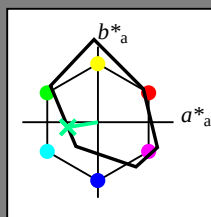
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g25b$ $u^*_d = l55c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -40 -7

$LAB^*LCH^*_{Ma}$: 50 40 189

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.55

triangle lightness t^*

%Gamut

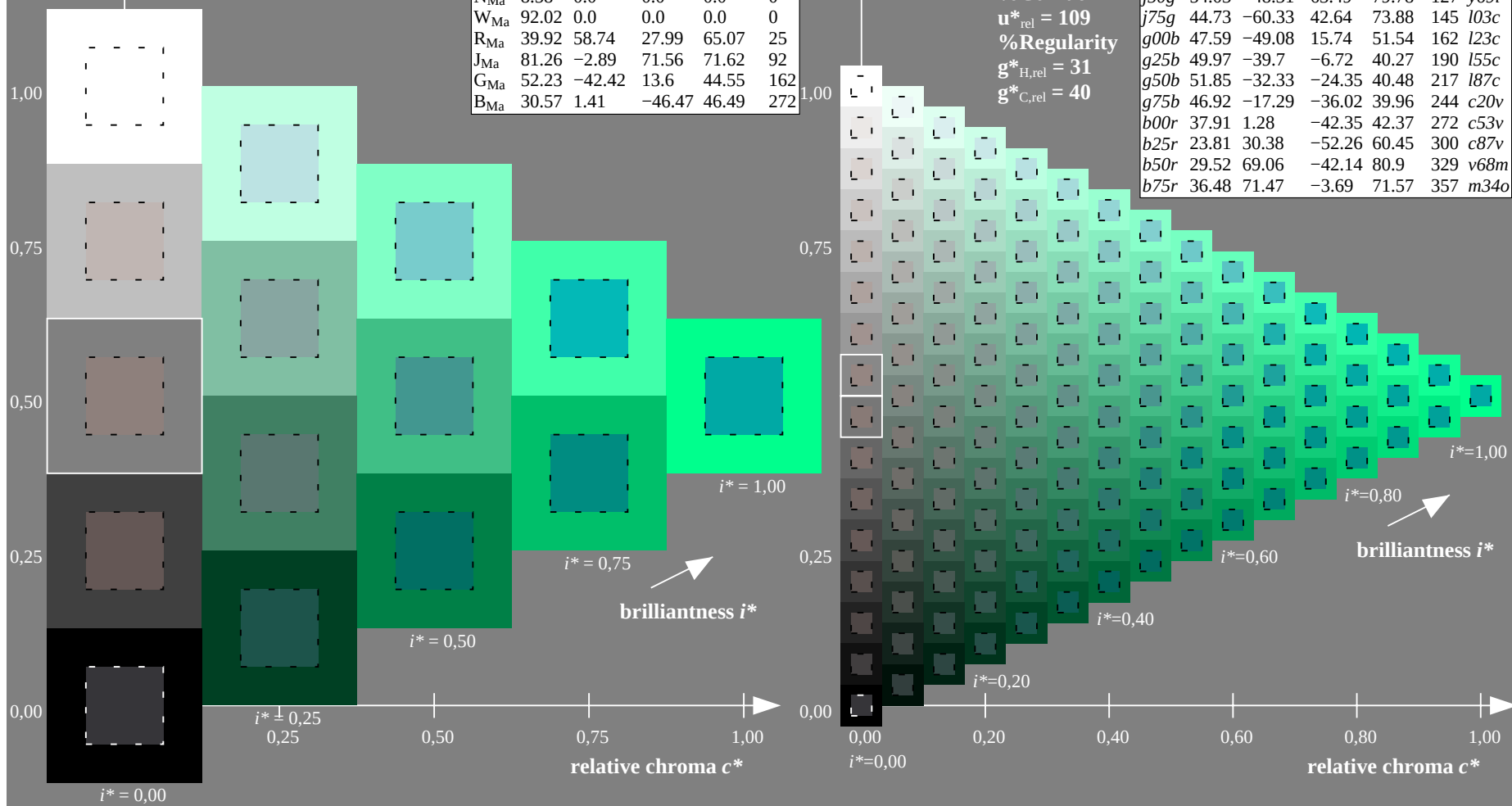
$u^*_{rel} = 109$

%Regularity

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

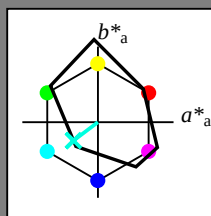
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g50b$ $u^*_d = l87c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -32 -24

$LAB^*LCH^*_{Ma}$: 52 40 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.87

triangle lightness t^*

%Gamut

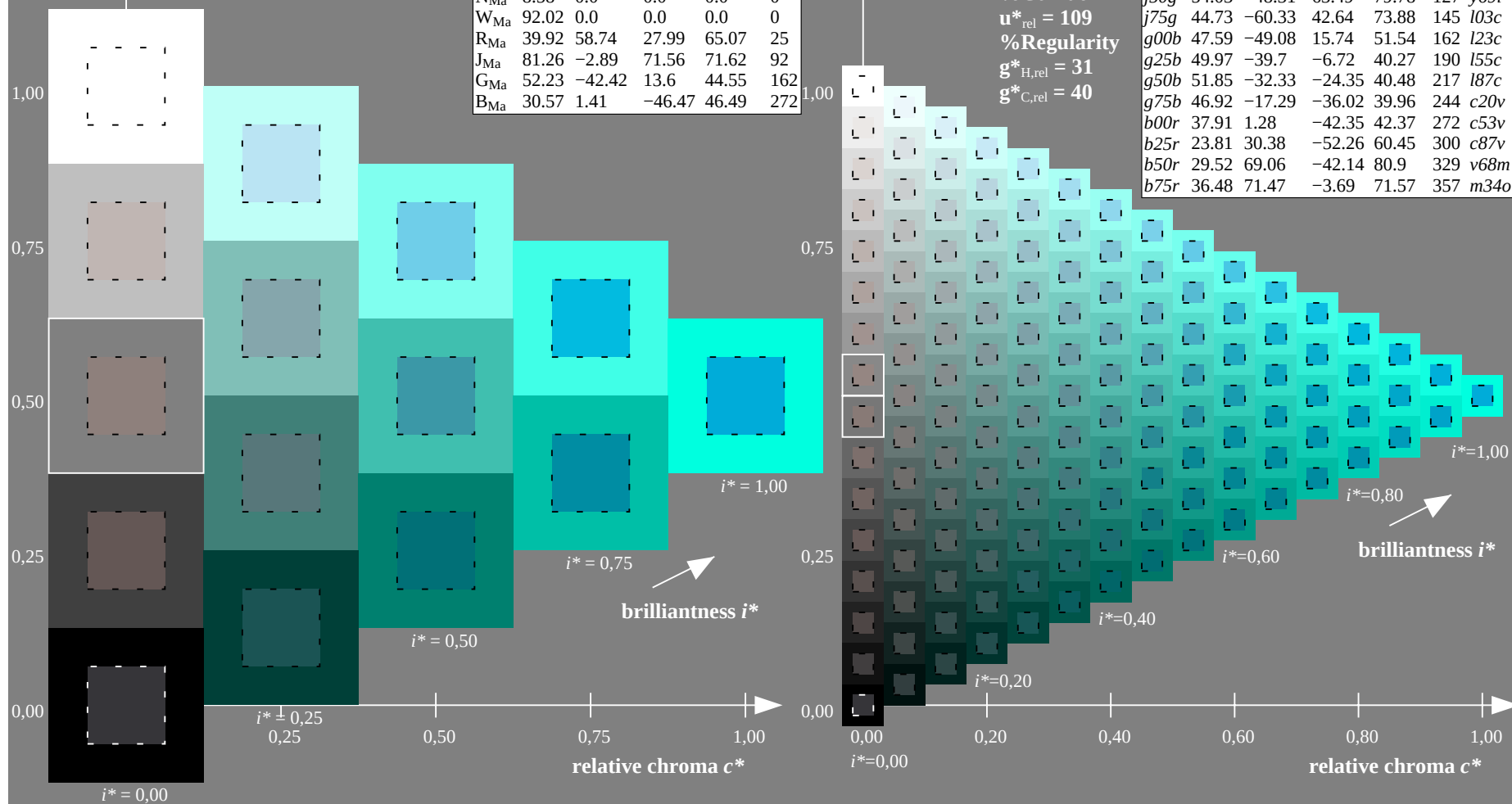
$u^*_{rel} = 109$

%Regularity

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

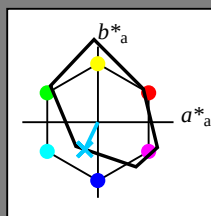
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -17 -36

$LAB^*LCH^*_{Ma}$: 47 40 244

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

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

triangle lightness t^*

%Gamut

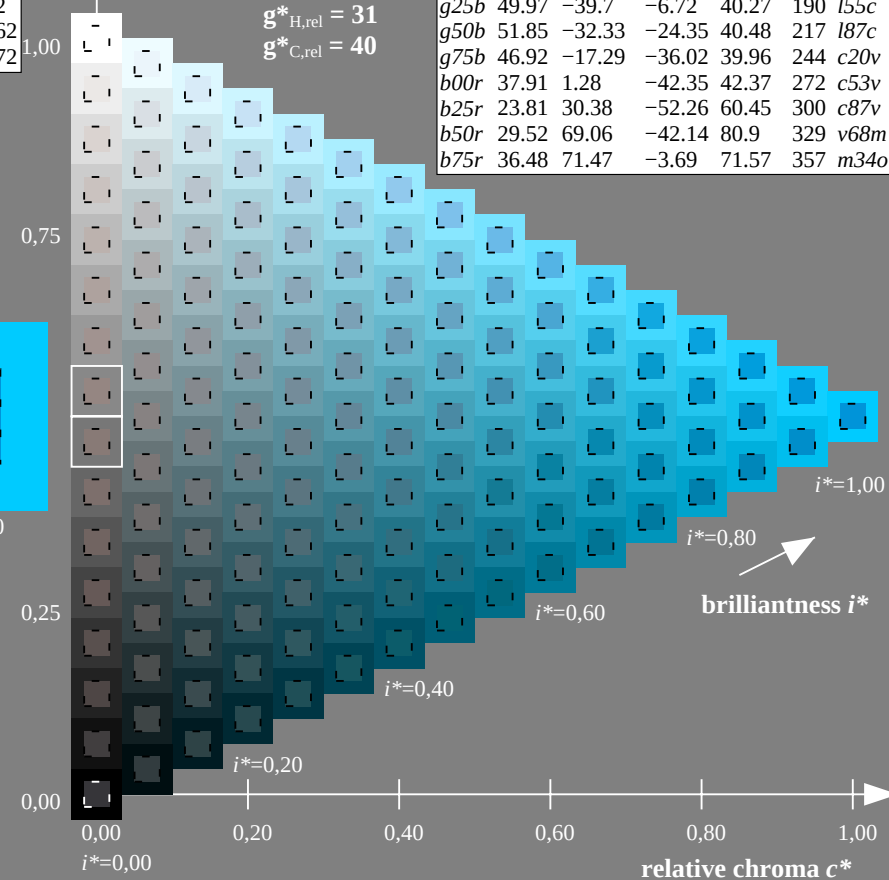
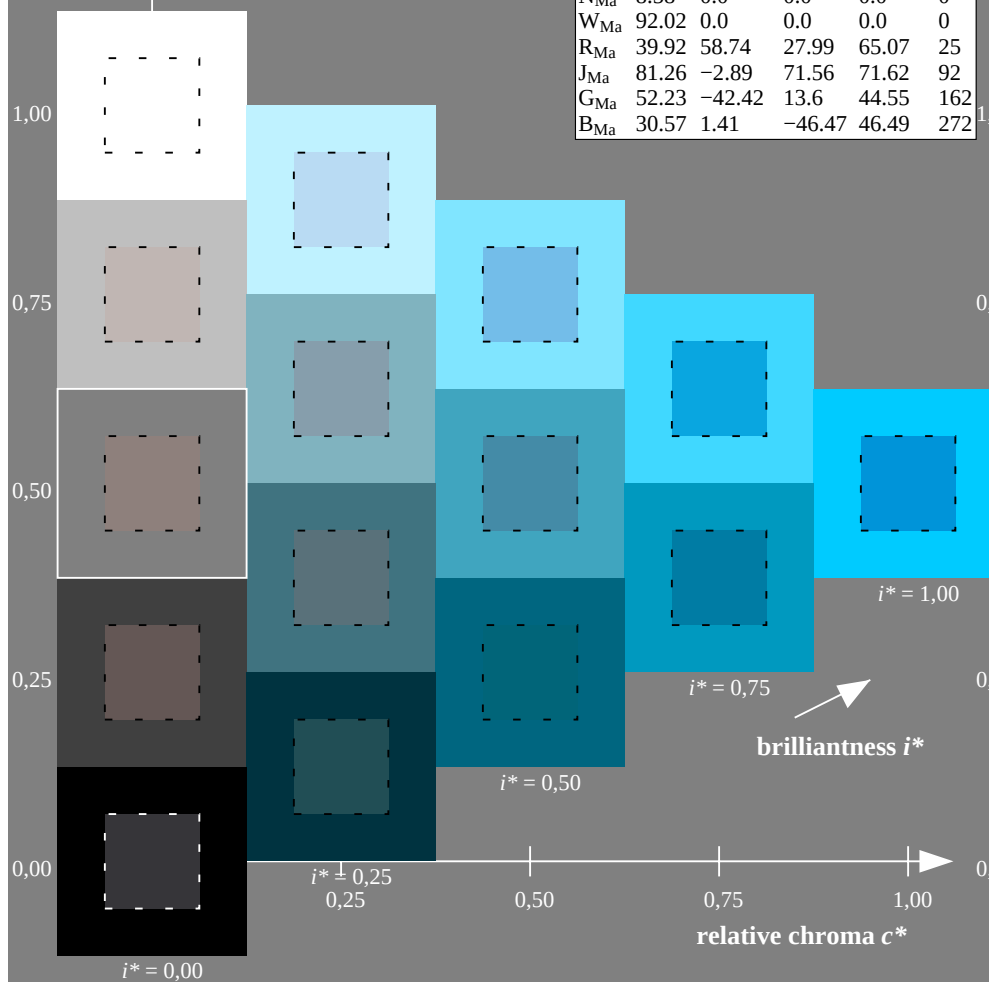
$u^*_{rel} = 109$

%Regularity

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

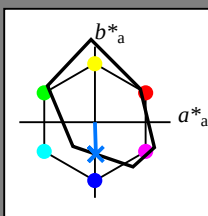
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = b00r$ $u_d^* = c53v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -42

$LAB^*LCH^*_{Ma}$: 38 42 271

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

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

%Gamut

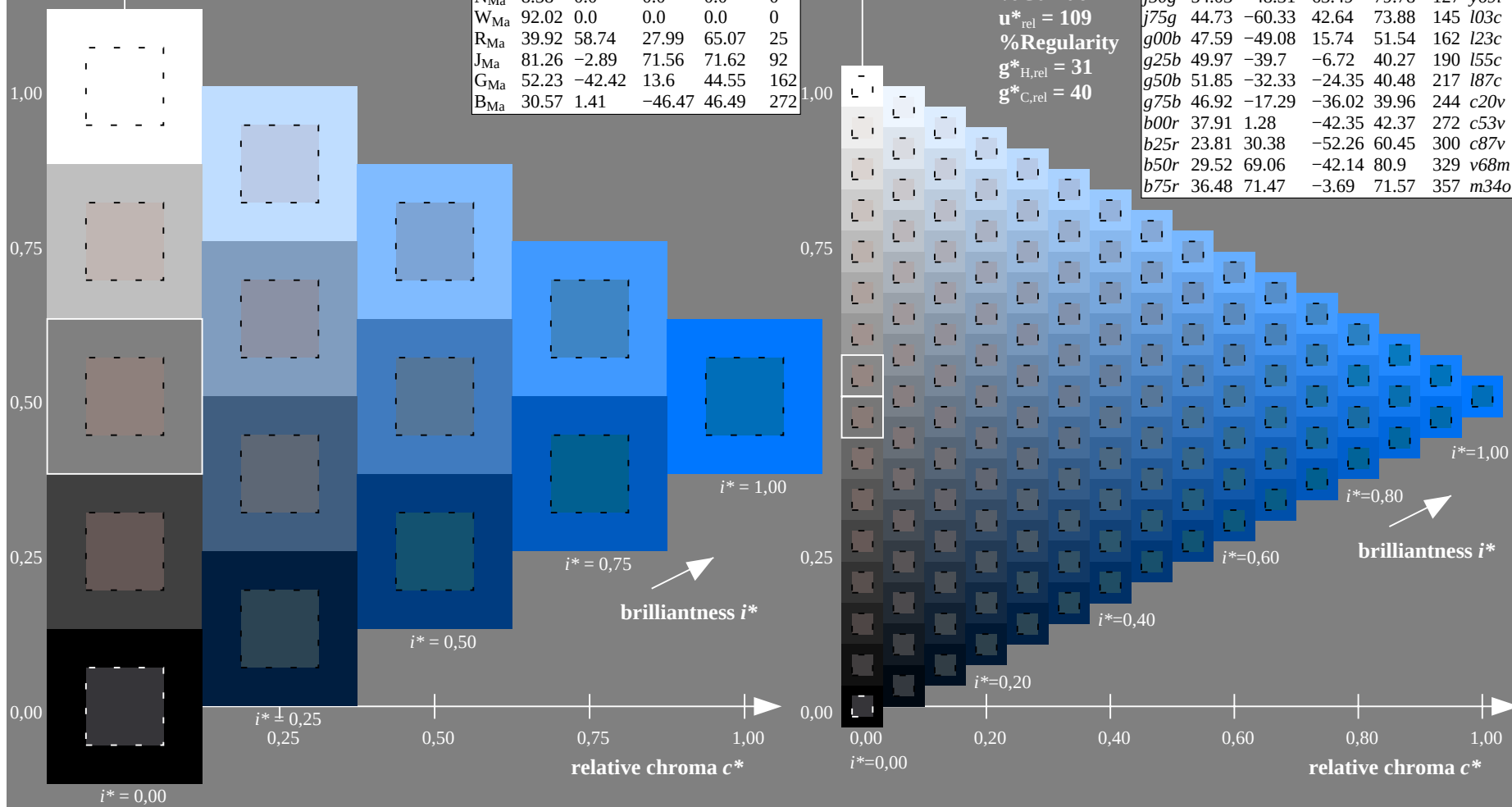
$u^*_{rel} = 109$

%Regularity

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

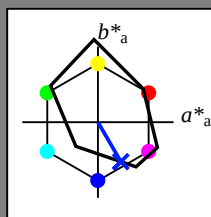
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
	u_e^*	$L^*=L_a^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = b25r$ $u_d^* = c87v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 24 30 -52

LAB^*LCH^*Ma : 24 60 300

lab^*rgb^*Ma : 0.5 0.0 1.0

lab^*olv^*Ma : 0.0 0.12 1.0

triangle lightness t^*

%Gamut

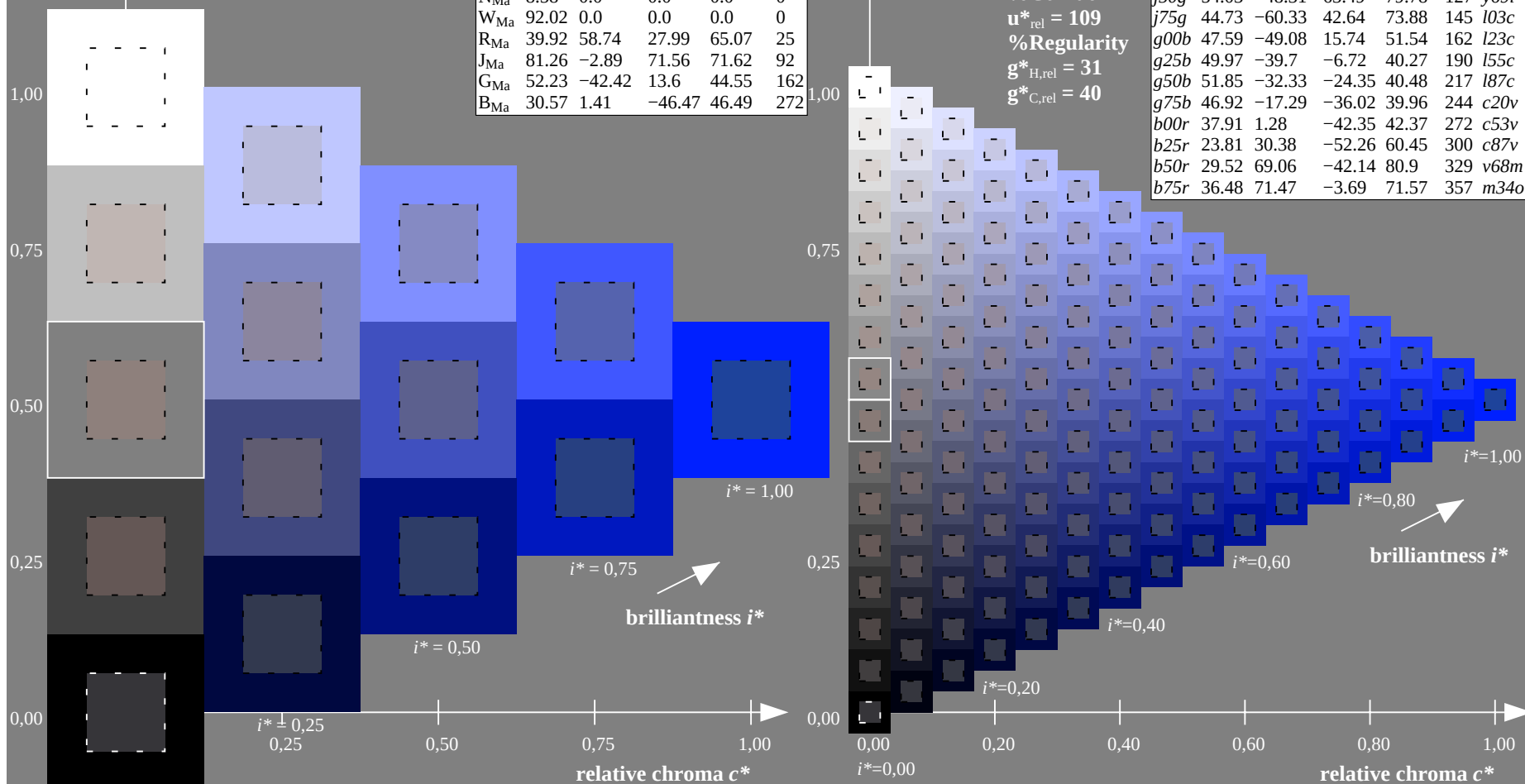
$u_{rel}^* = 109$

%Regularity

$g_{H,rel}^* = 31$

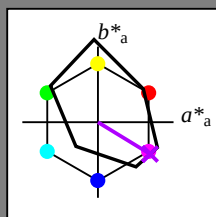
$g_{C,rel}^* = 40$

FRS09_92a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = b50r$ $u_d^* = v68m$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



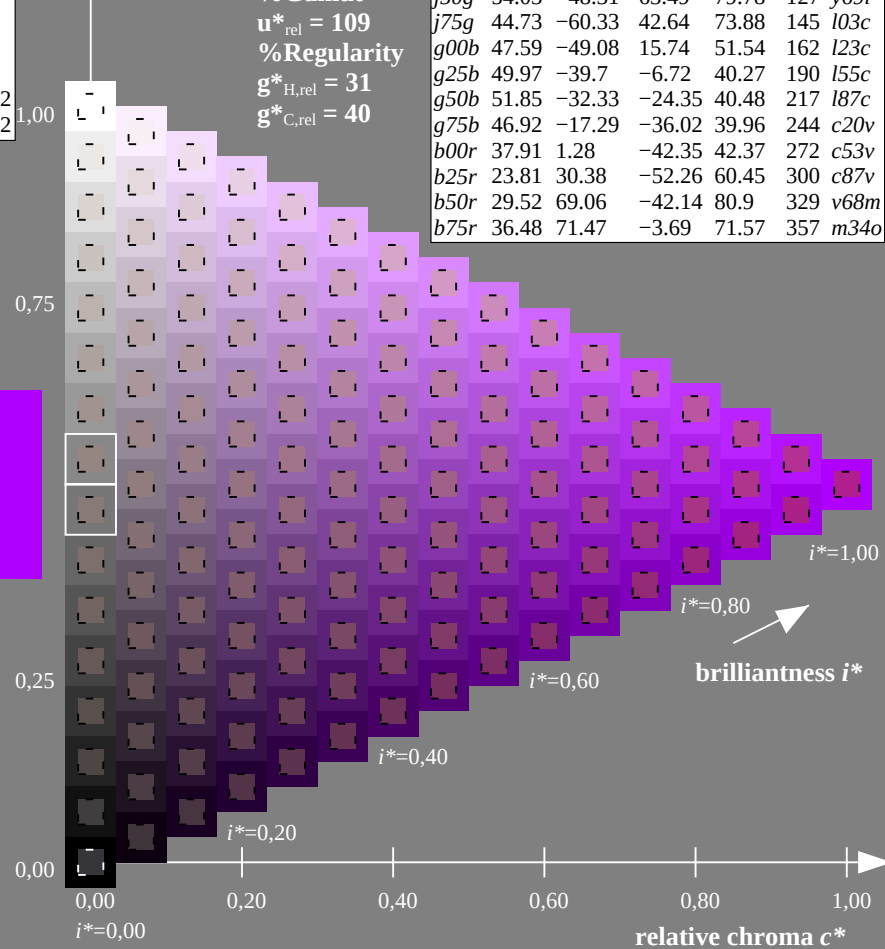
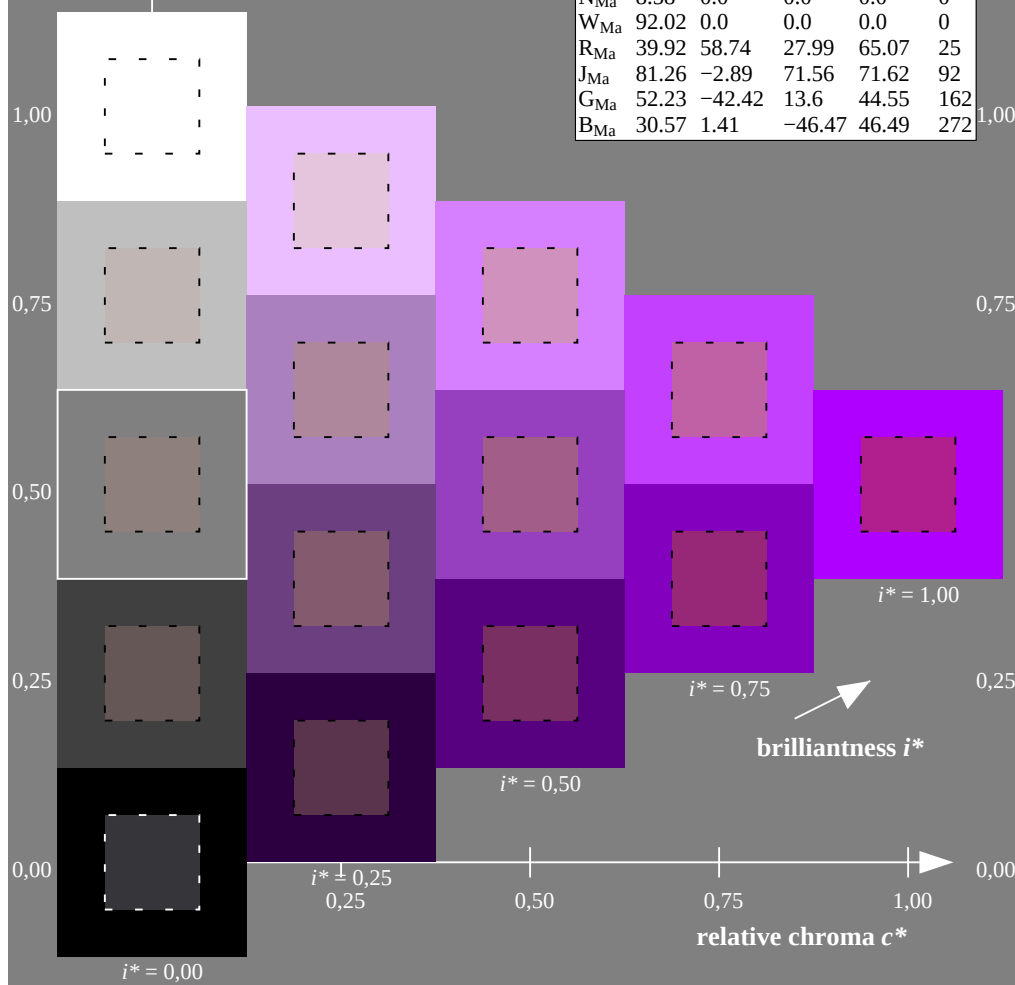
FRS09_92a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 69 -42
 $LAB^*LCH^*_{Ma}$: 30 81 328
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.69 0.0 1.0
triangle lightness t^*

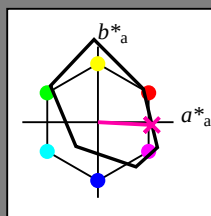
%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = b75r$ $u_d^* = m34o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 71 -4

$LAB^*LCH^*_{Ma}$: 36 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.66

triangle lightness t^*

%Gamut

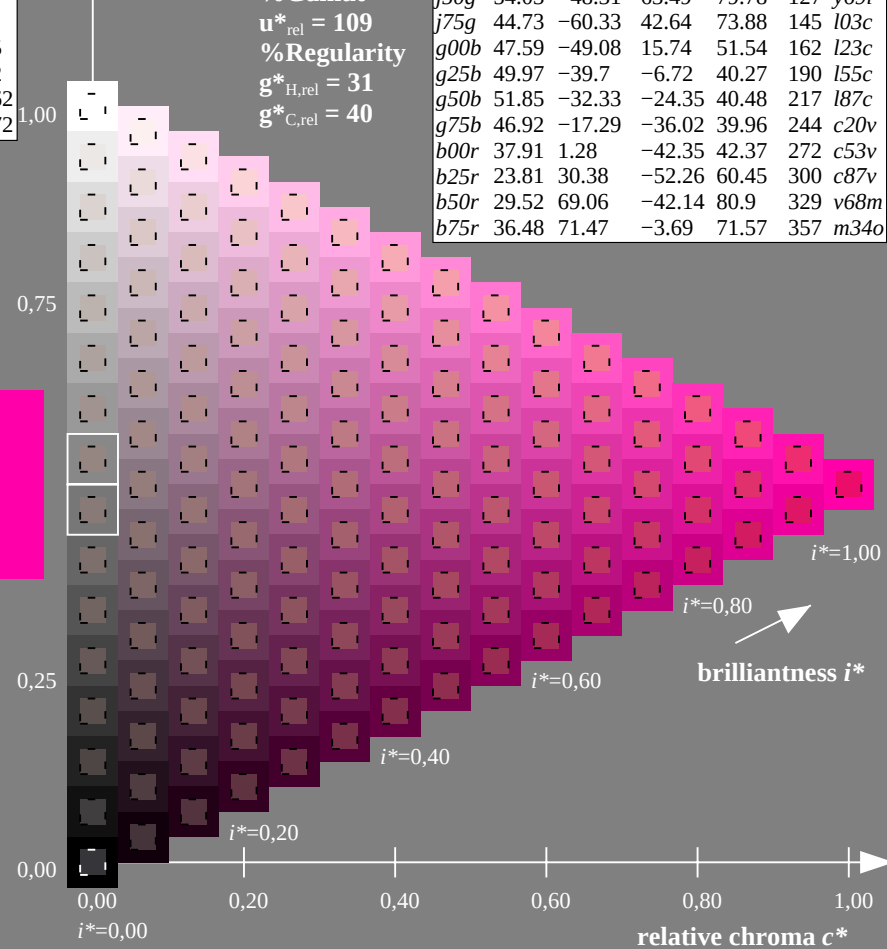
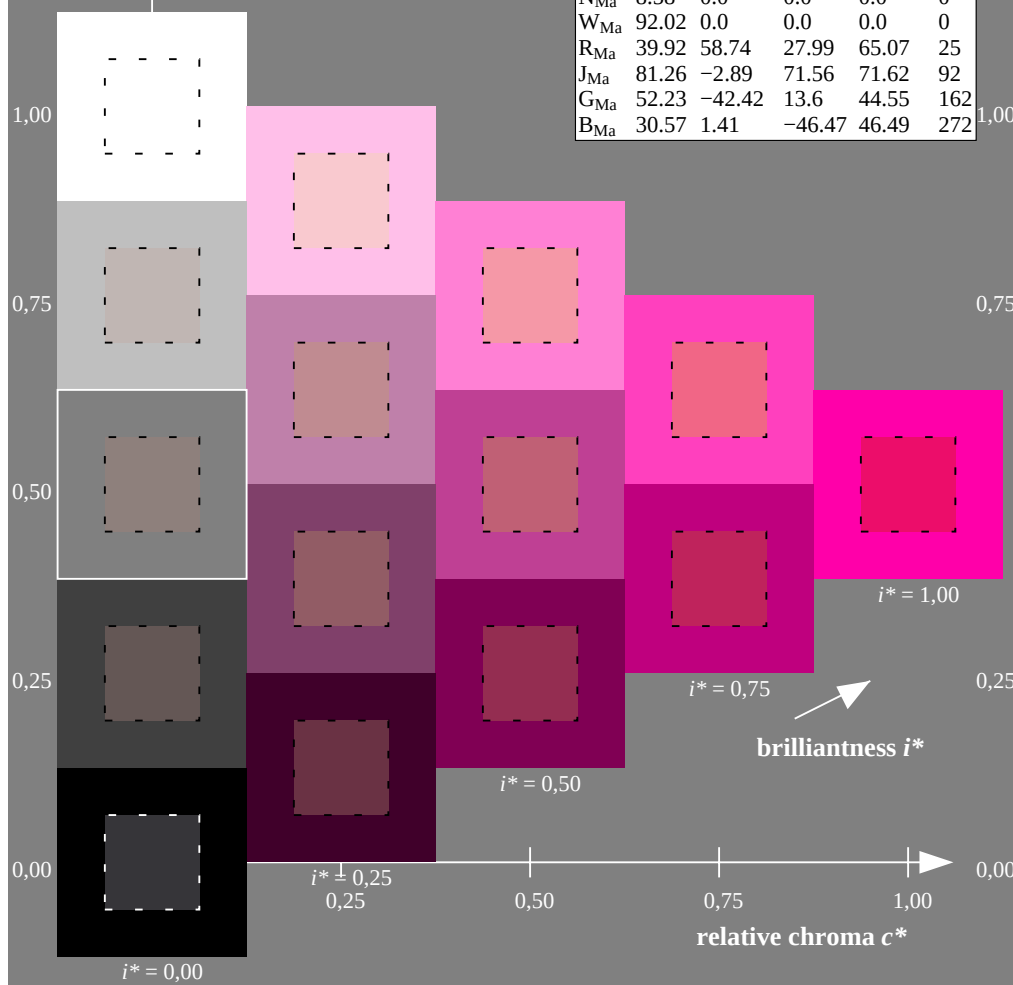
$u^*_{rel} = 109$

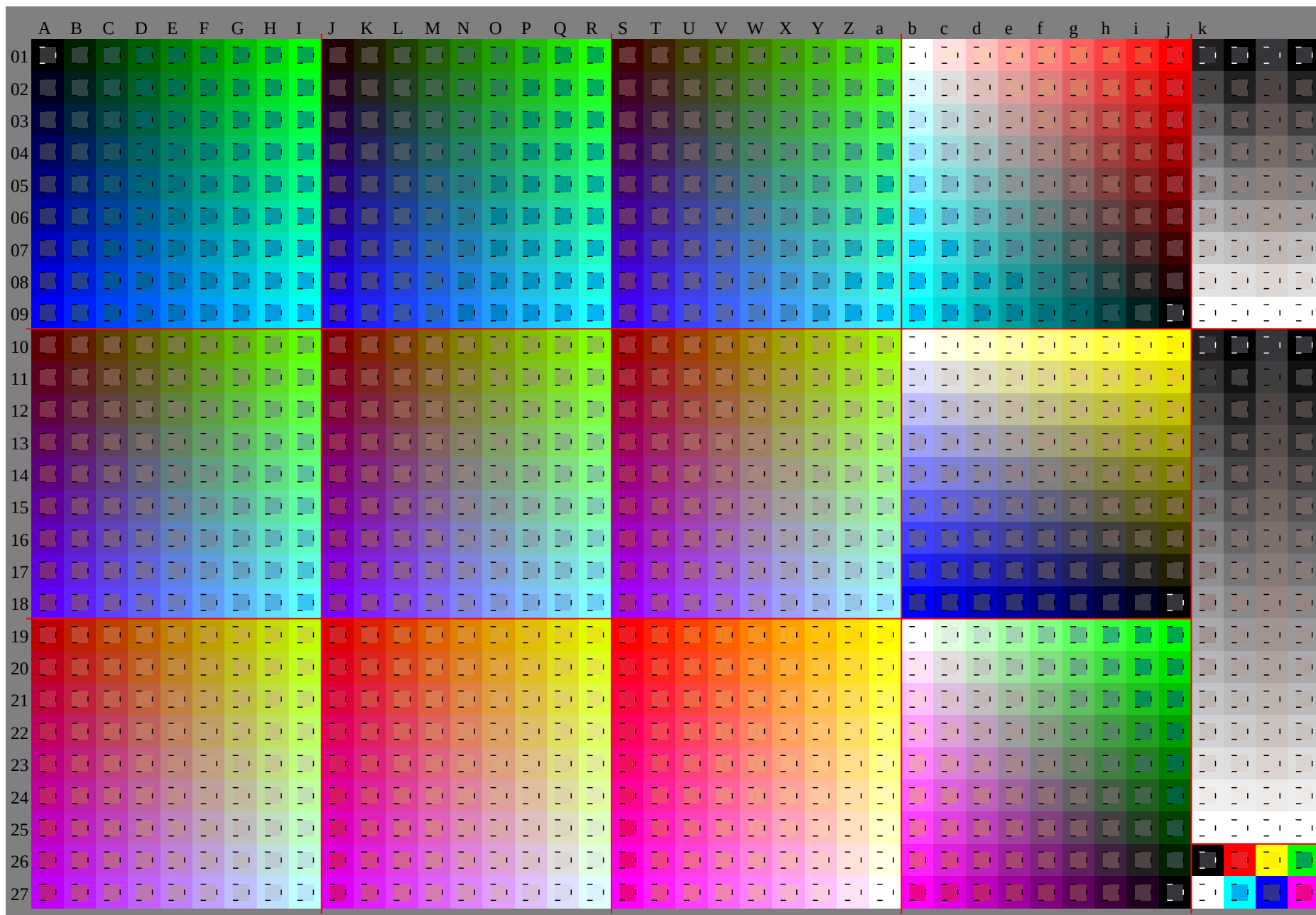
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
	u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	





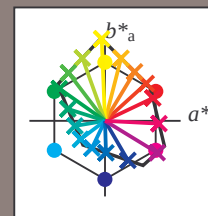
See for similar files: <http://www.ps.bam.de/Ee36/>; www.ps.bam.de/Ee36/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:

u_e^* and number *no.* = 00 .. 15
elementary hue text:
 $u_e^* = 16$ hues *r00j*, *r25j*, ..., *b75r*
contrast reduction factor:
 $c_R = 1.0$

FRS09_92a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
<i>r00j</i>	35.47	63.32	30.17	70.15	25	<i>m81o</i>
<i>r25j</i>	39.12	54.56	49.45	73.64	42	<i>o10y</i>
<i>r50j</i>	50.64	39.15	64.89	75.79	59	<i>o40y</i>
<i>r75j</i>	64.01	21.26	82.83	85.52	76	<i>o69y</i>
<i>j00g</i>	83.18	-4.38	108.53	108.62	92	<i>o98y</i>
<i>j25g</i>	66.73	-29.89	83.06	88.28	110	<i>y34l</i>
<i>j50g</i>	54.03	-48.31	63.49	79.78	127	<i>y69l</i>
<i>j75g</i>	44.73	-60.33	42.64	73.88	145	<i>l03c</i>
<i>g00b</i>	47.59	-49.08	15.74	51.54	162	<i>l23c</i>
<i>g25b</i>	49.97	-39.7	-6.72	40.27	190	<i>l55c</i>
<i>g50b</i>	51.85	-32.33	-24.35	40.48	217	<i>l87c</i>
<i>g75b</i>	46.92	-17.29	-36.02	39.96	244	<i>c20v</i>
<i>b00r</i>	37.91	1.28	-42.35	42.37	272	<i>c53v</i>
<i>b25r</i>	23.81	30.38	-52.26	60.45	300	<i>c87v</i>
<i>b50r</i>	29.52	69.06	-42.14	80.9	329	<i>v68m</i>
<i>b75r</i>	36.48	71.47	-3.69	71.57	357	<i>m34o</i>



%Gamut

$u_{rel}^* = 109$

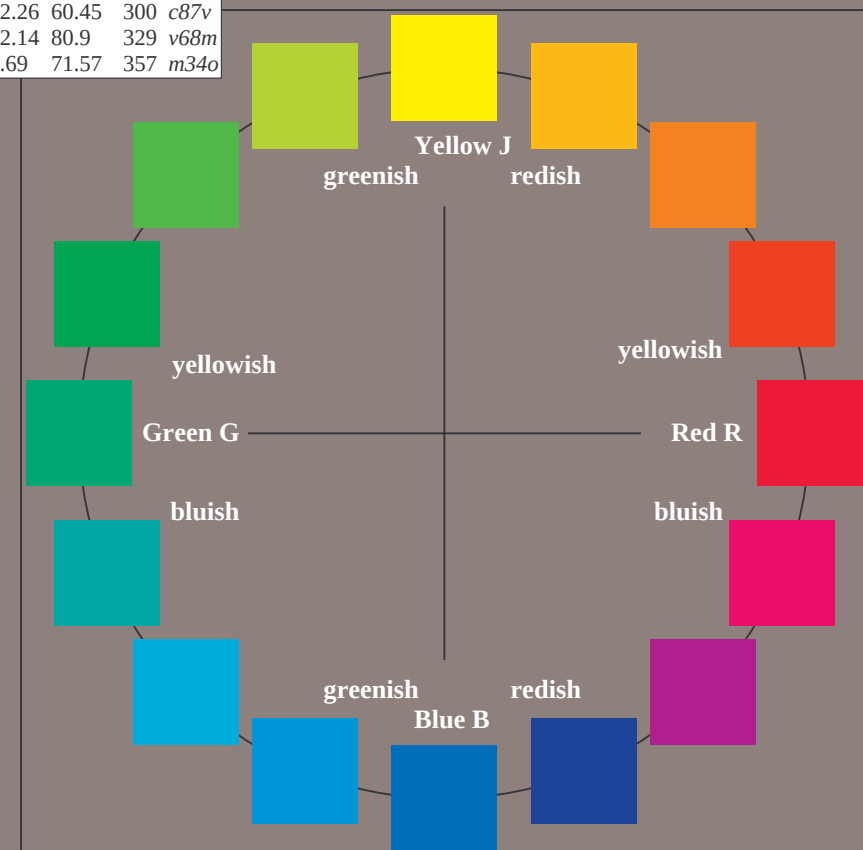
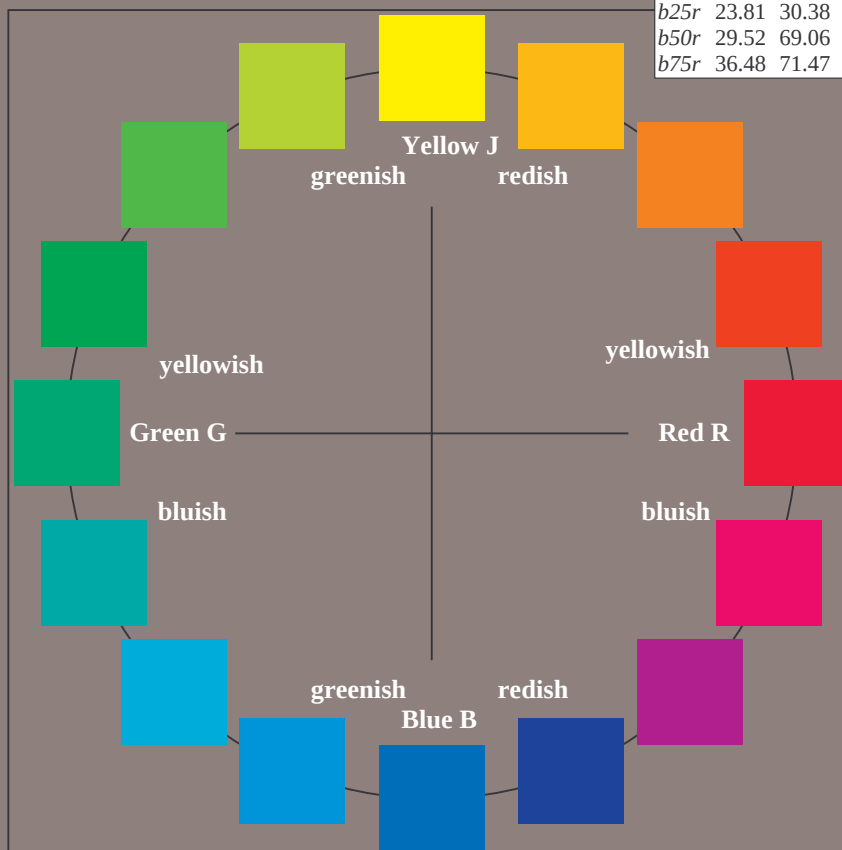
%Regularity

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

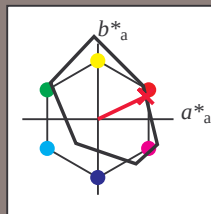
FRS09_92a; adapted (a) CIELAB data

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
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.89	71.56	71.62	92
G _{CIE}	52.23	-42.42	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = r00j$ $u_d^* = m81o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



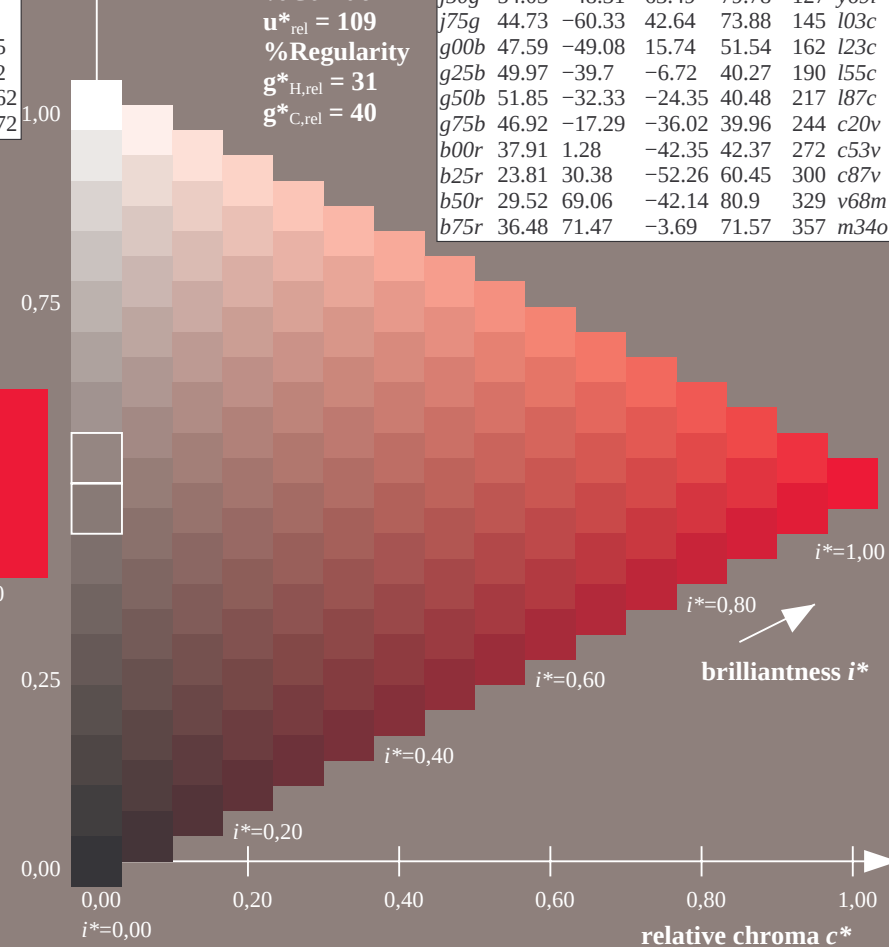
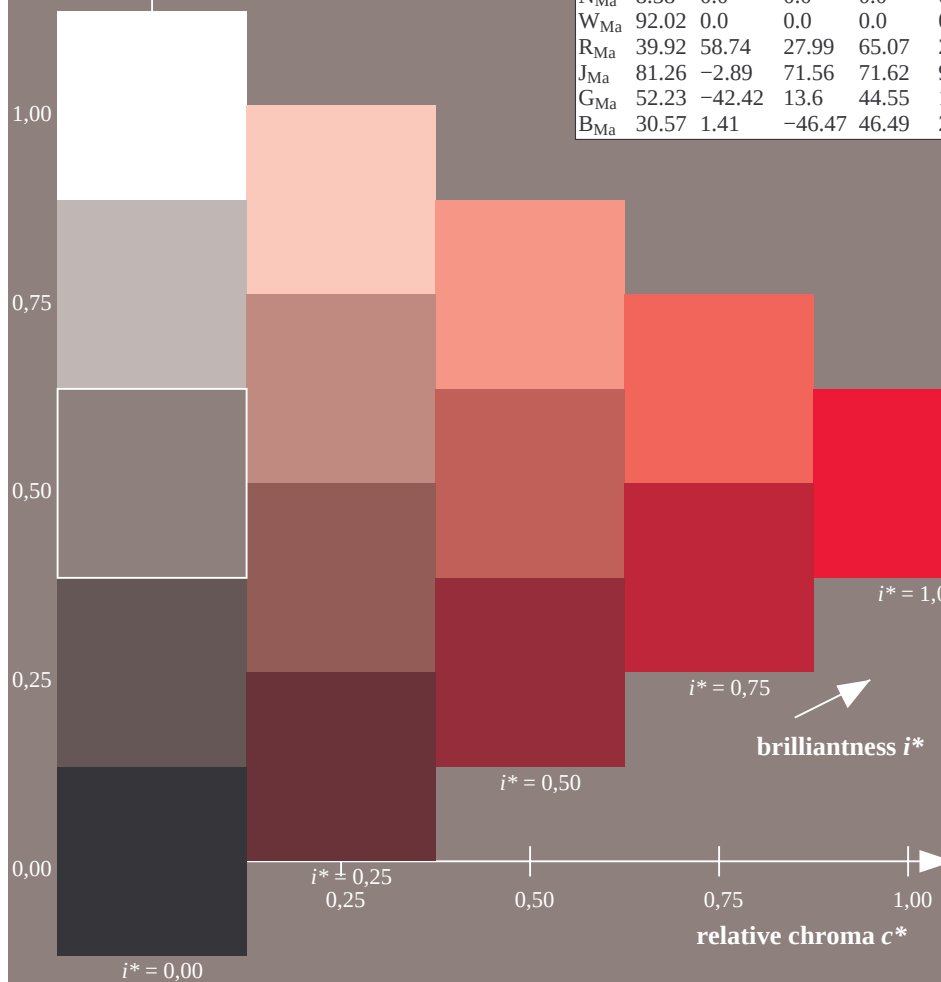
FRS09_92a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 63 30
 $LAB^*LCH^*_{Ma}$: 35 70 25
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.18
triangle lightness t^*

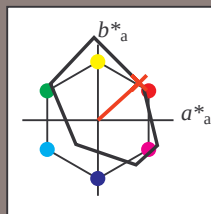
%Gamut
 $u_{rel}^* = 109$
%Regularity
 $g_{H,rel}^* = 31$
 $g_{C,rel}^* = 40$

FRS09_92a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = r25j$ $u_d^* = o10y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 55 49

$LAB^*LCH^*_{Ma}$: 39 74 42

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

$lab^*olv^*_{Ma}$: 1.0 0.11 0.0

triangle lightness t^*

%Gamut

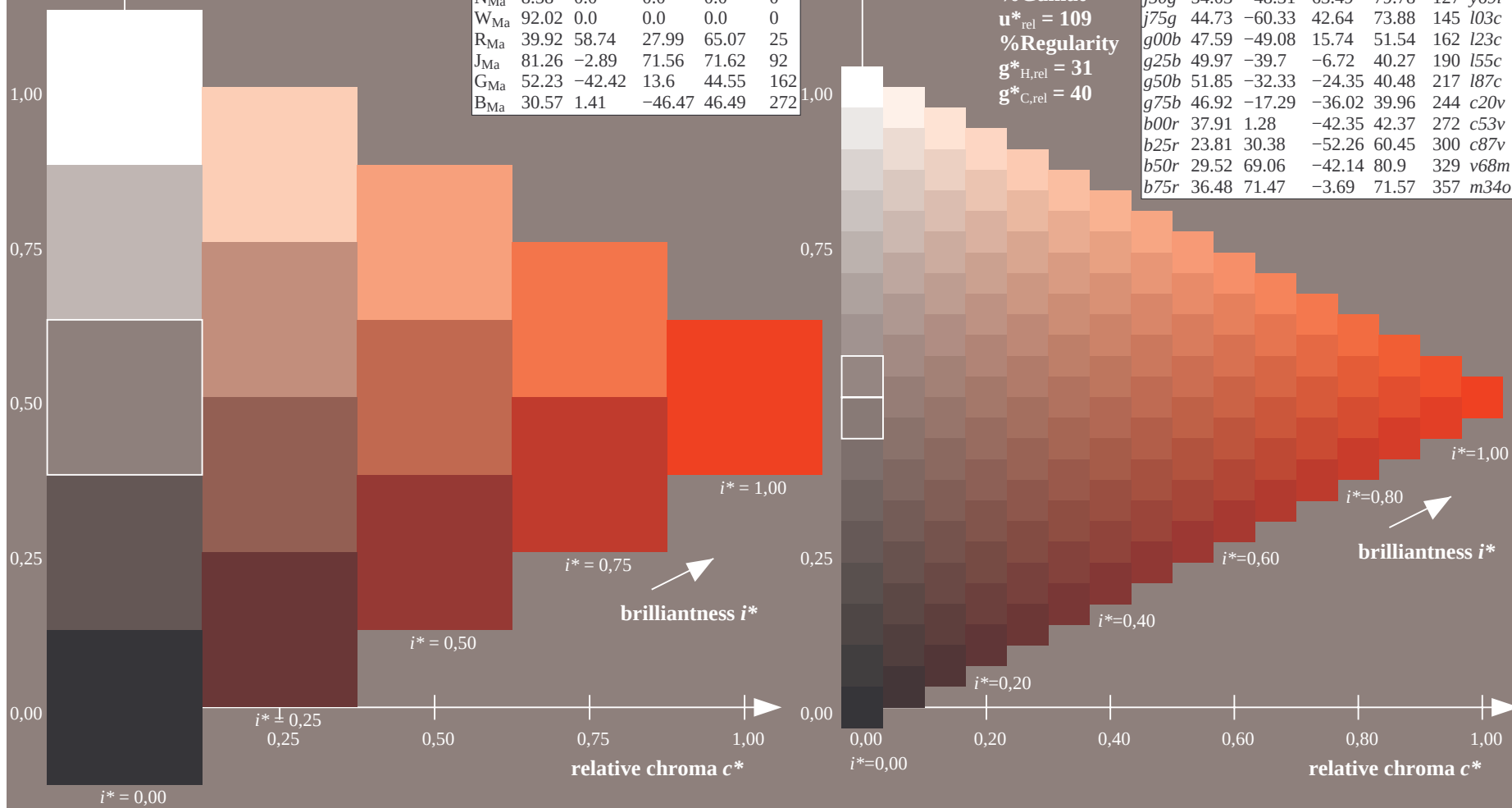
$u^*_{rel} = 109$

%Regularity

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

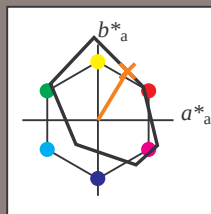
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = r50j$ $u_d^* = o40y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 39 65

$LAB^*LCH^*_{Ma}$: 51 76 58

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

$lab^*olv^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

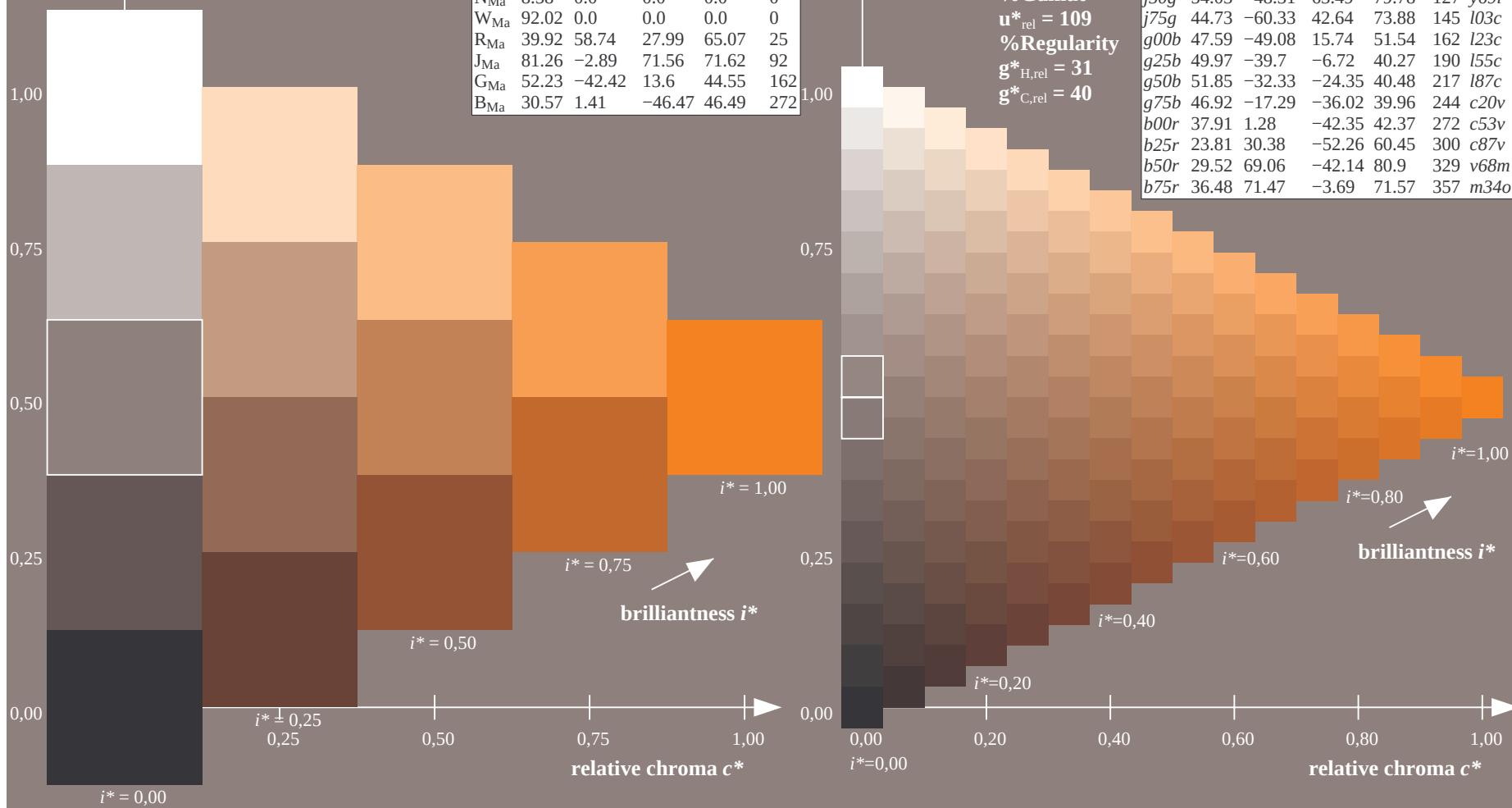
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
	u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
data for any colour:

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

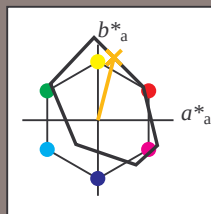
Hue texts:

$u^*_e = r75j$ $u^*_d = o69y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 21 83

$LAB^*LCH^*_{Ma}$: 64 86 75

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

$lab^*olv^*_{Ma}$: 1.0 0.7 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

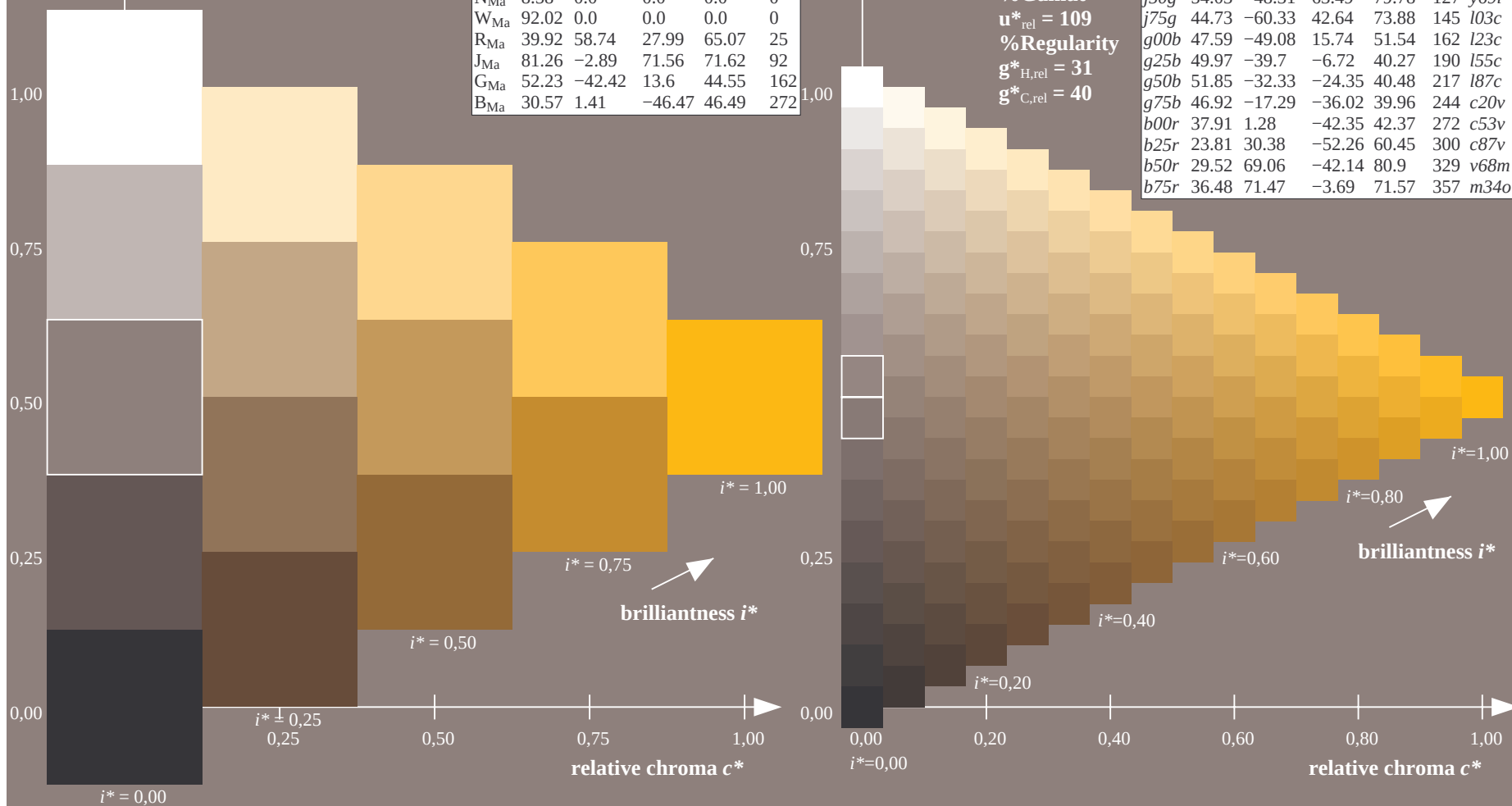
%Regularity

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

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

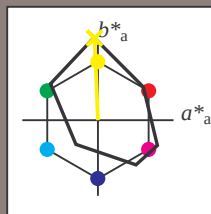
FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j00g$ $u^*_d = o98y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -4 109

$LAB^*LCH^*_{Ma}$: 83 109 92

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

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

triangle lightness t^*

%Gamut

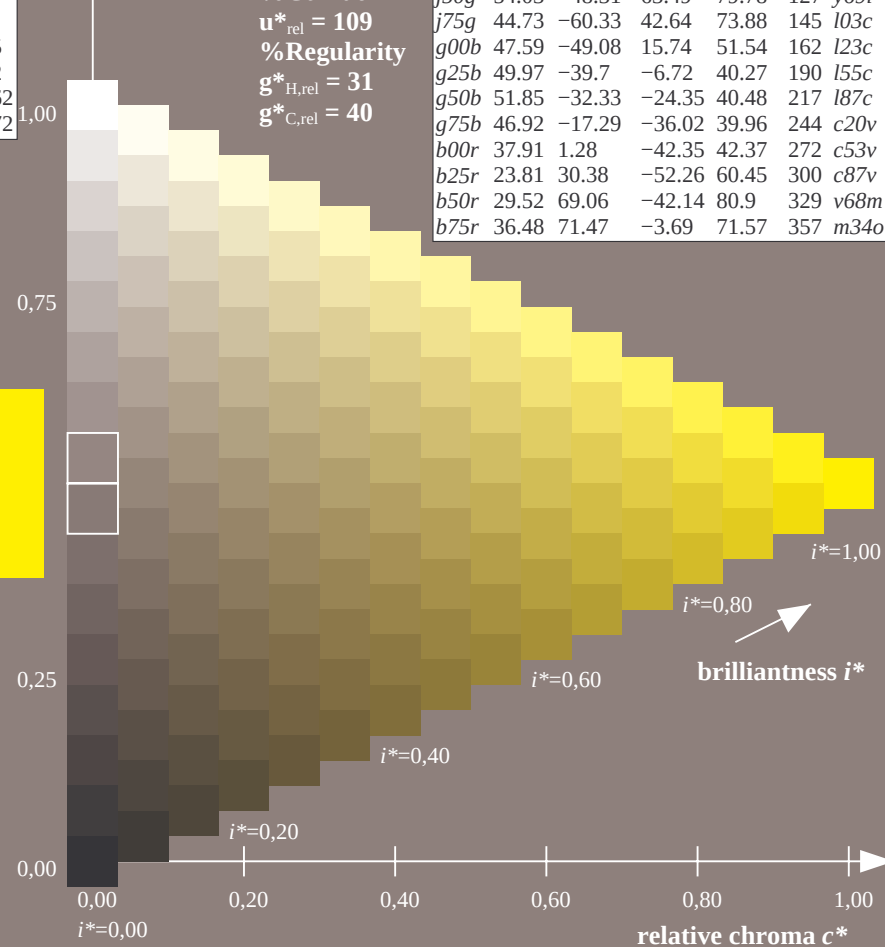
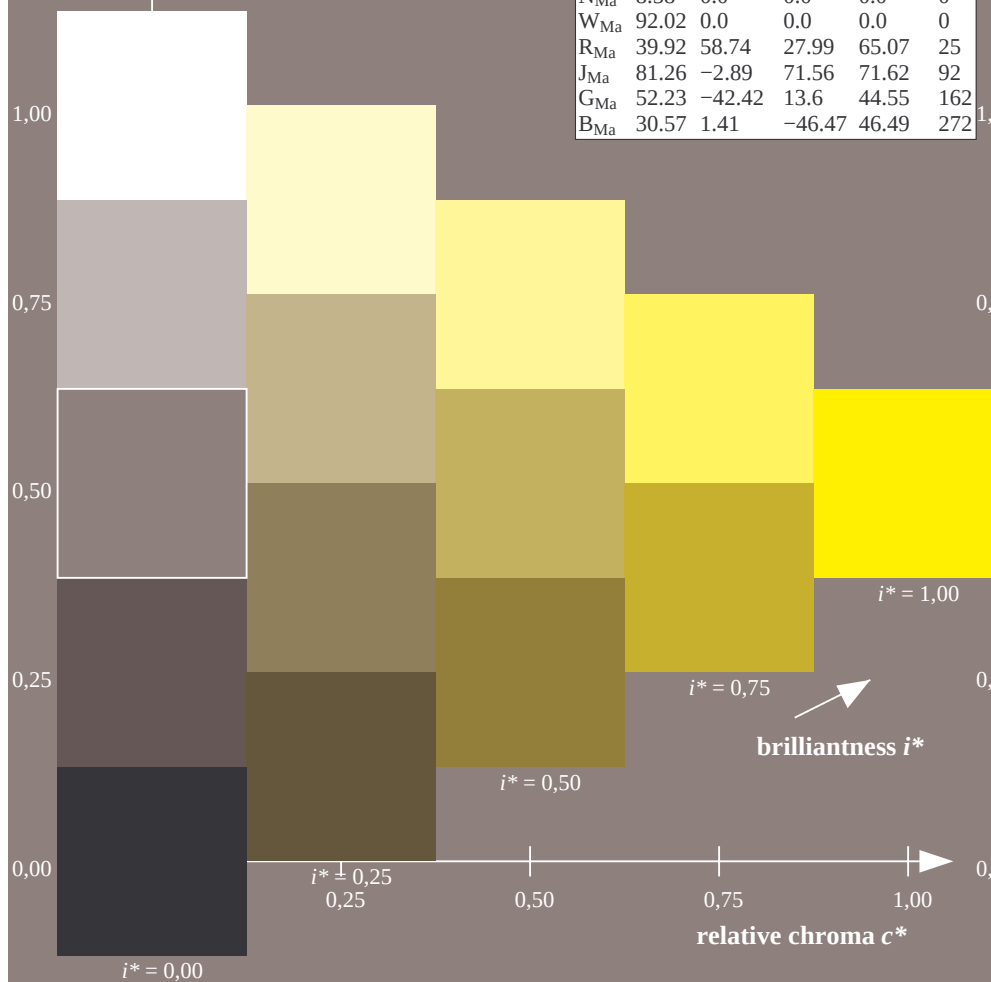
$u^*_{rel} = 109$

%Regularity

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

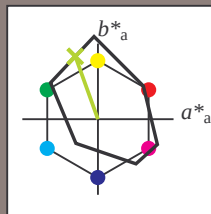
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j25g$ $u^*_d = y34l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -30 83

$LAB^*LCH^*_{Ma}$: 67 88 109

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

$lab^*olv^*_{Ma}$: 0.66 1.0 0.0

triangle lightness t^*

%Gamut

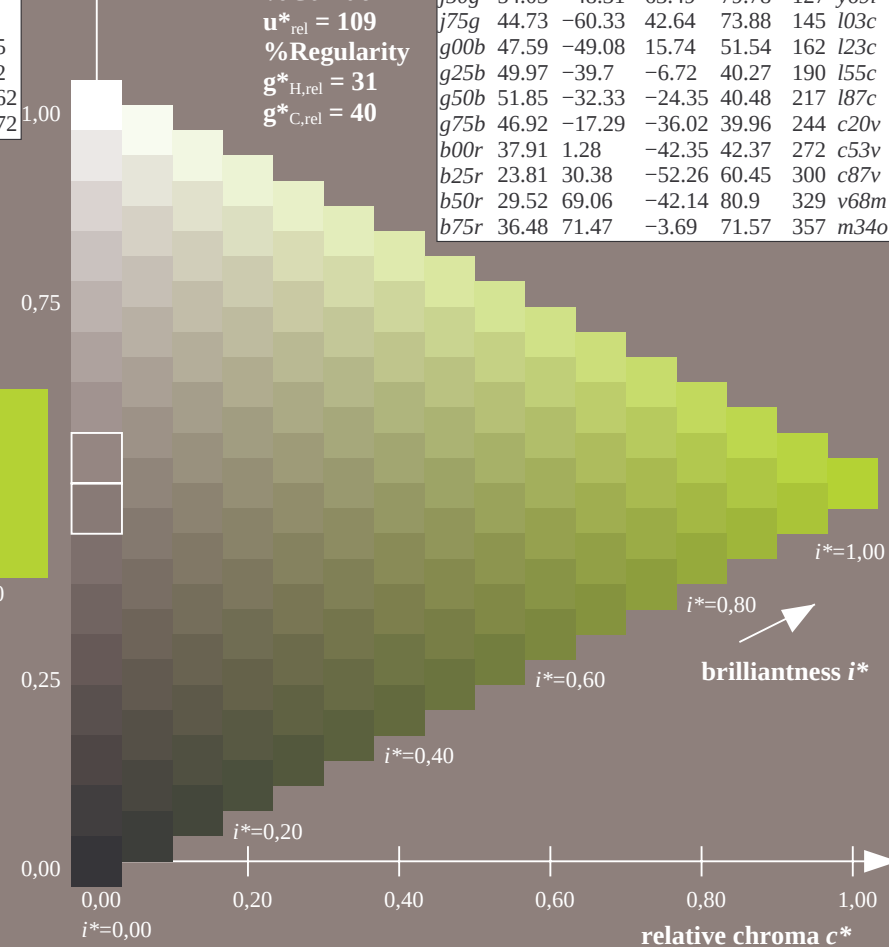
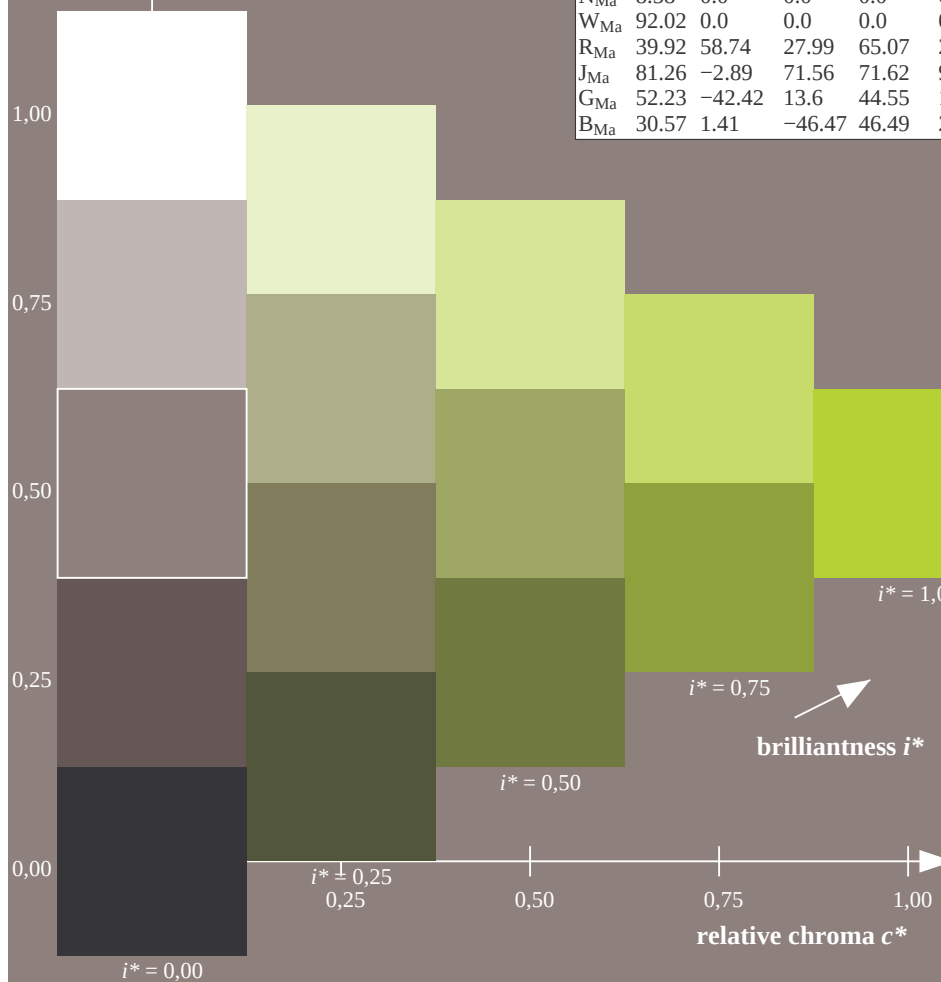
$u^*_{rel} = 109$

%Regularity

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

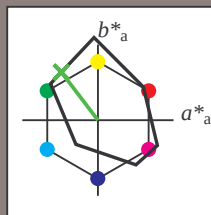
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j50g$ $u^*_d = y69l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -48 63

$LAB^*LCH^*_{Ma}$: 54 80 127

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

$lab^*olv^*_{Ma}$: 0.3 1.0 0.0

triangle lightness t^*

%Gamut

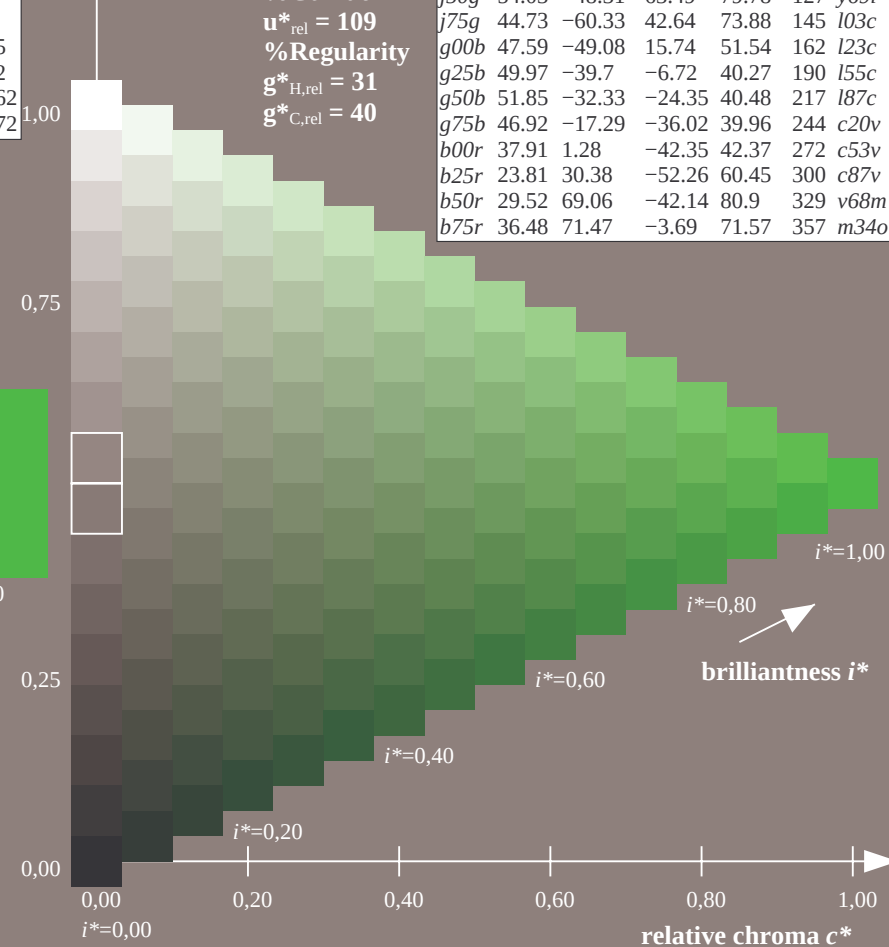
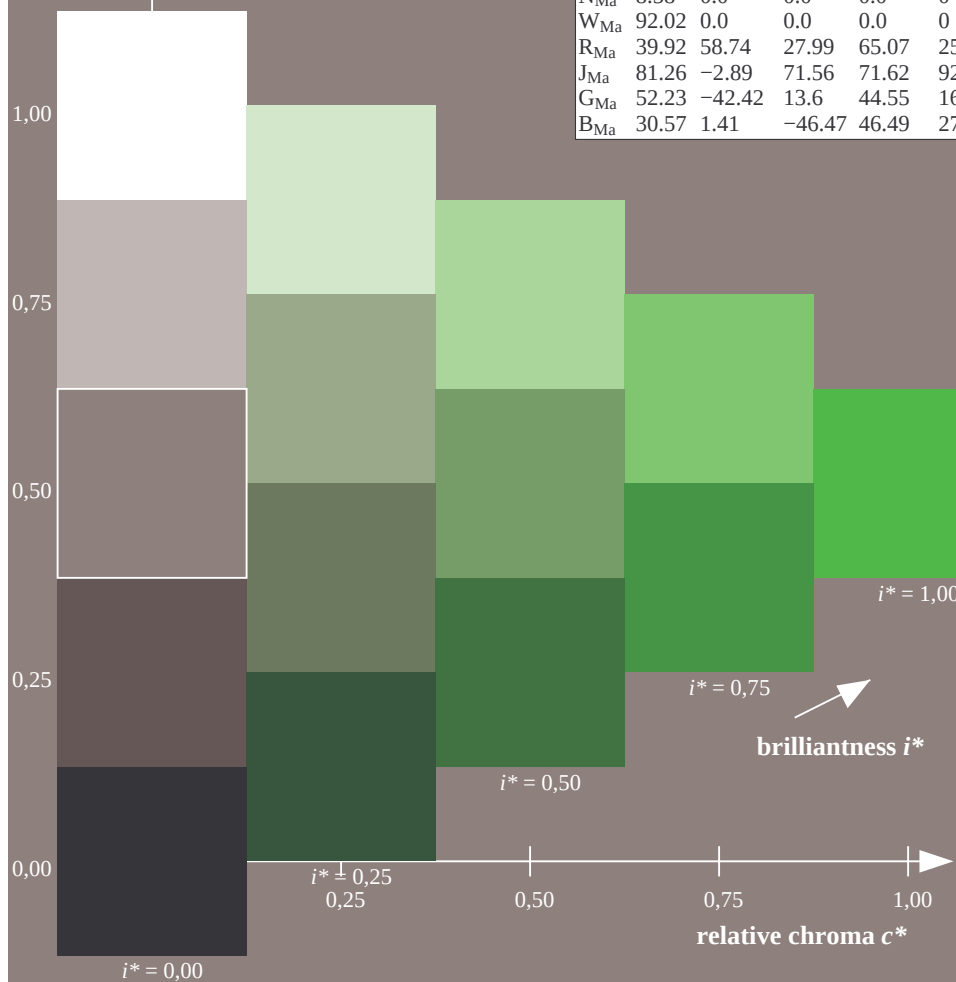
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$
data for any colour:

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

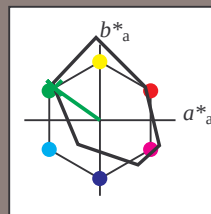
Hue texts:

$u^*_e = j75g$ $u^*_d = i03c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -60 43

$LAB^*LCH^*_{Ma}$: 45 74 144

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.03

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

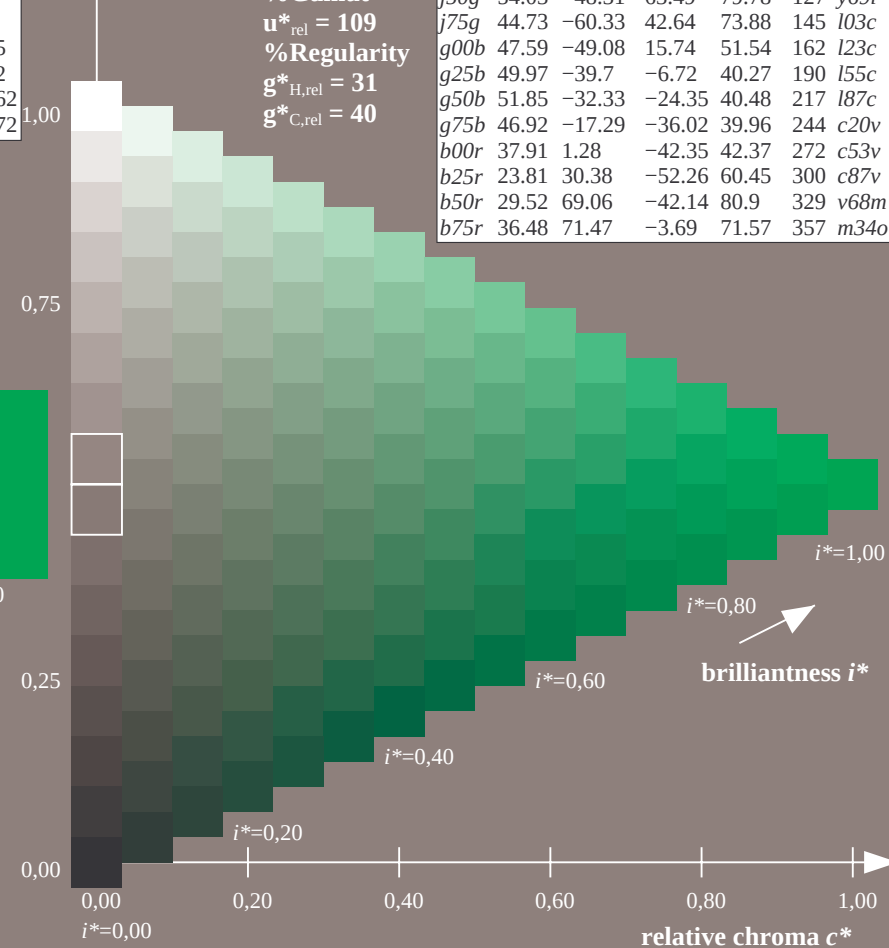
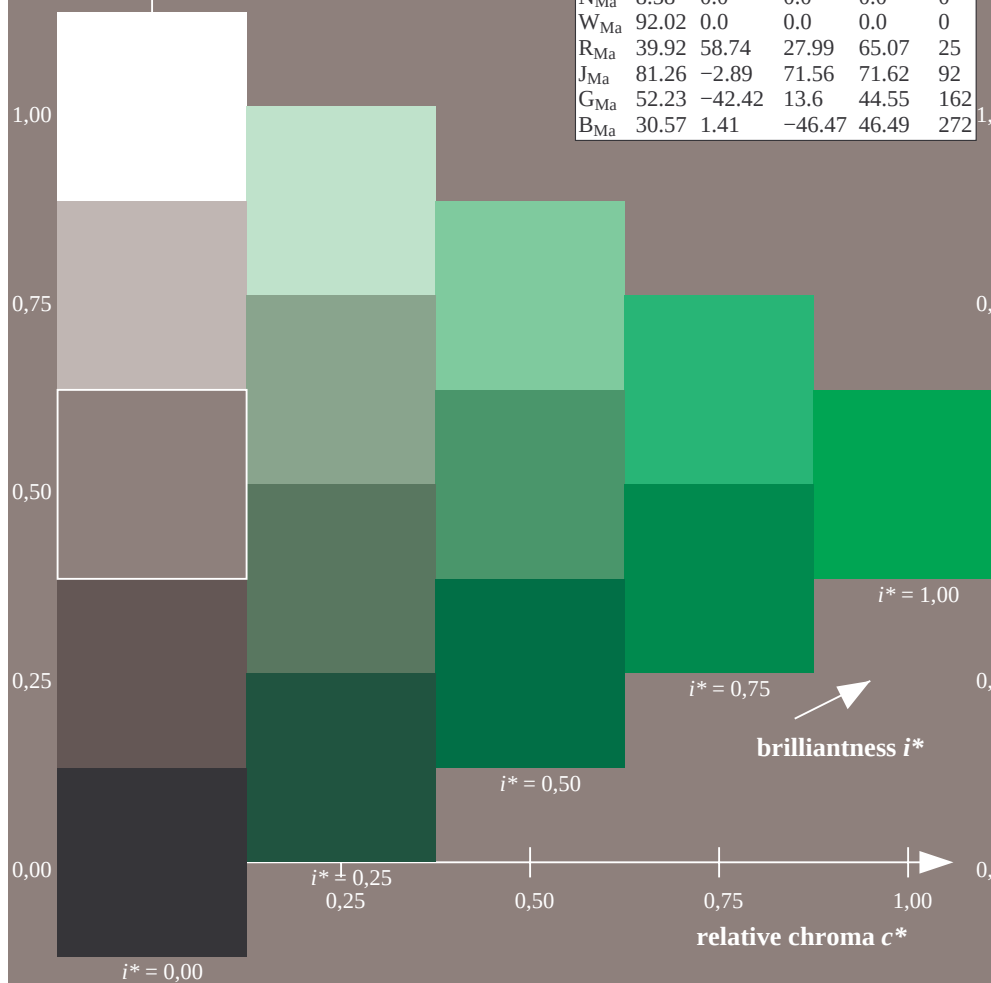
%Regularity

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

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

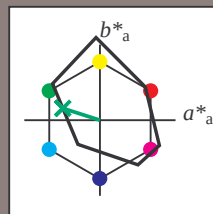
FRS09_92a; adapted (a) CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g00b$ $u^*_d = l23c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -49 16

$LAB^*LCH^*_{Ma}$: 48 52 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.23

triangle lightness t^*

%Gamut

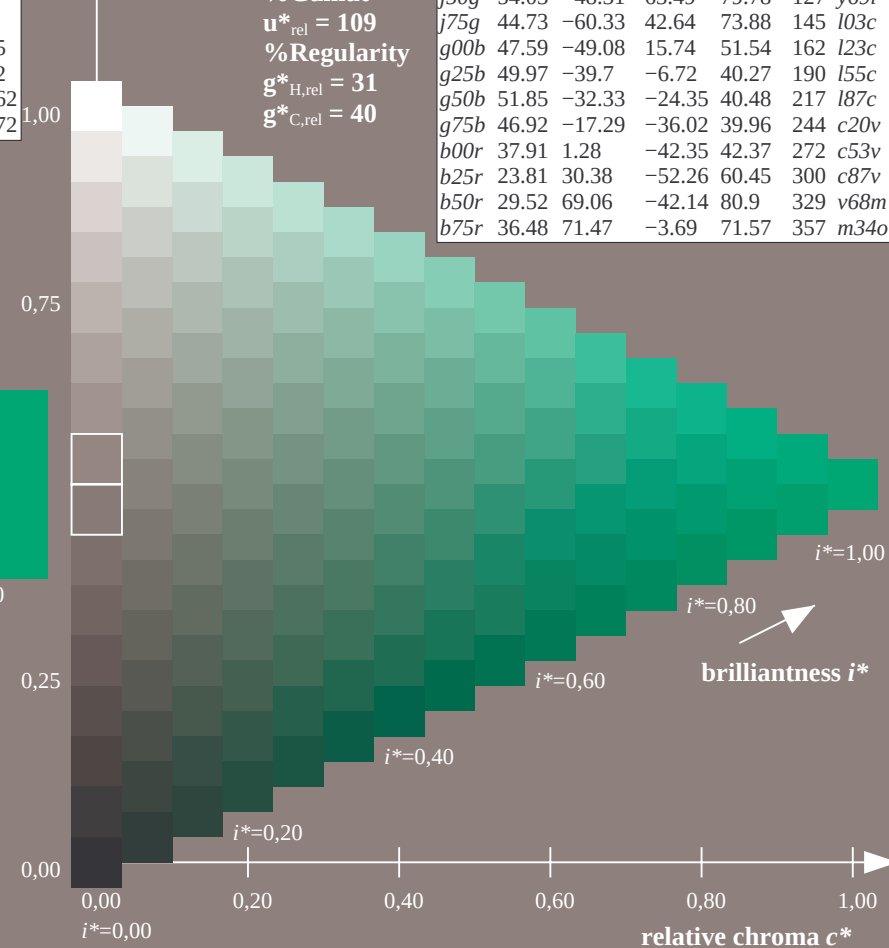
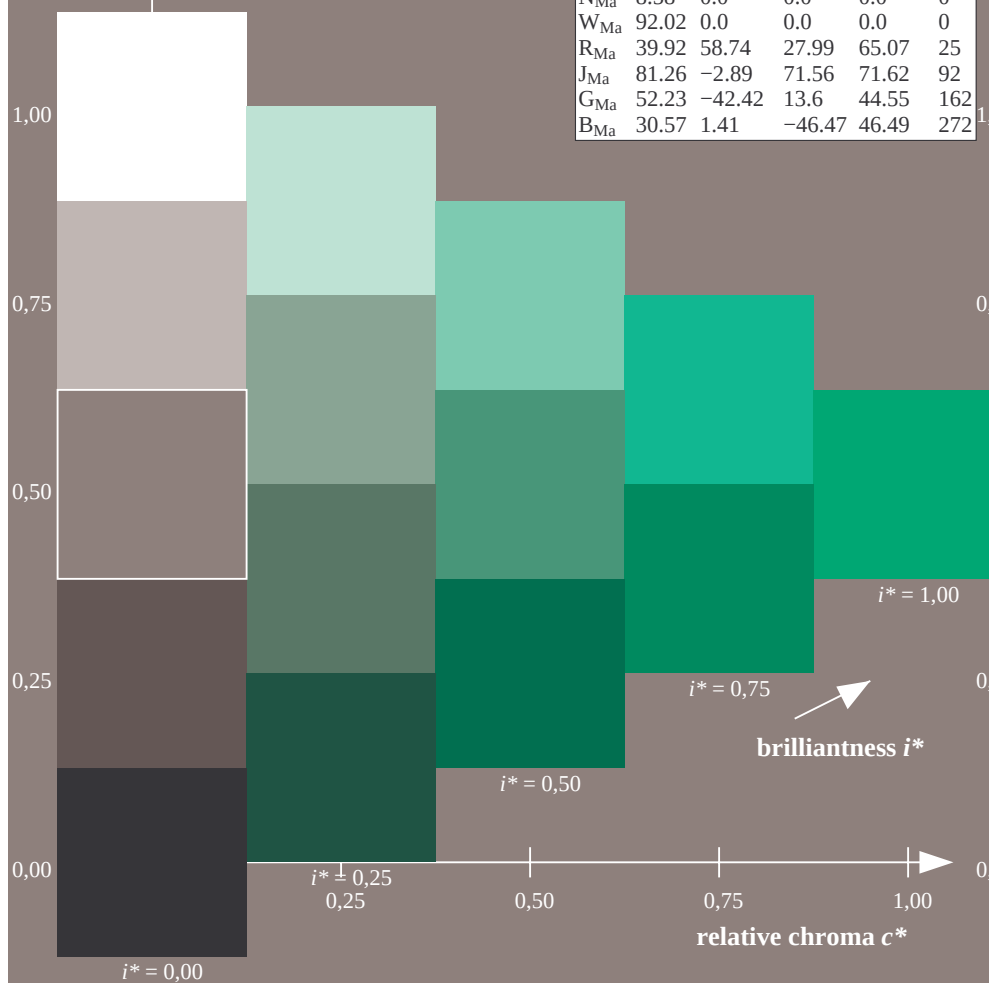
$u^*_{rel} = 109$

%Regularity

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

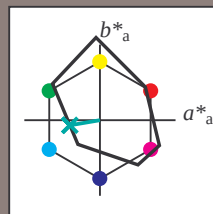
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$ u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g25b$ $u^*_d = l55c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -40 -7

$LAB^*LCH^*_{Ma}$: 50 40 189

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.55

triangle lightness t^*

%Gamut

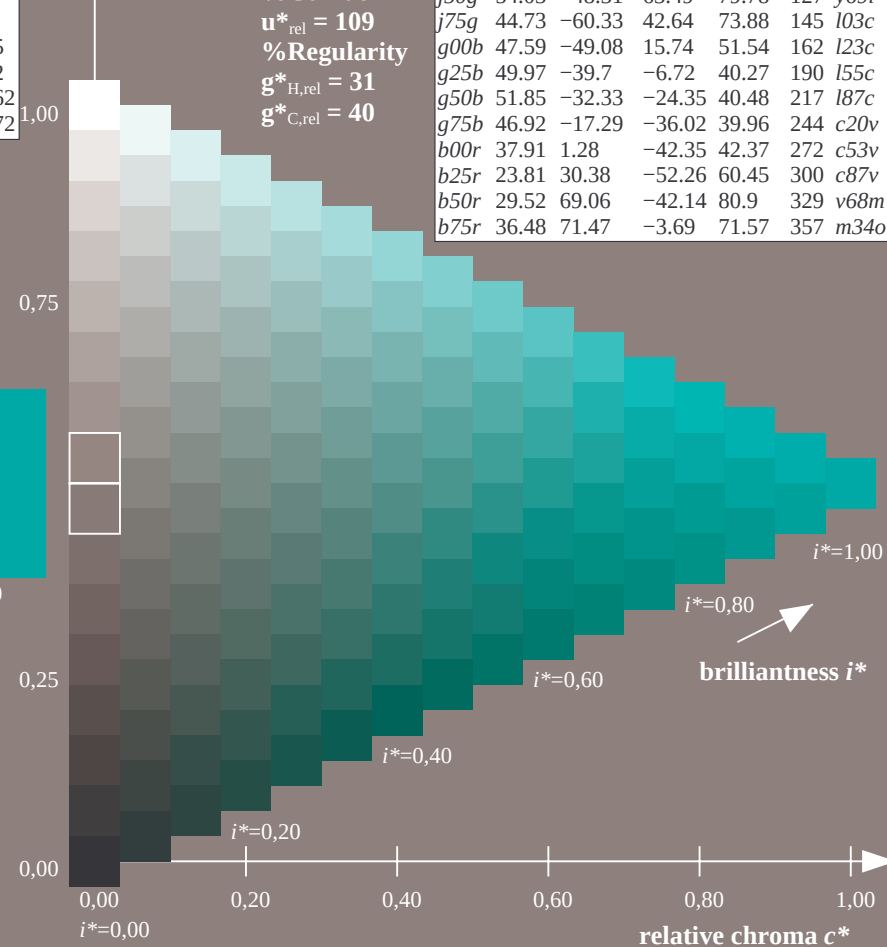
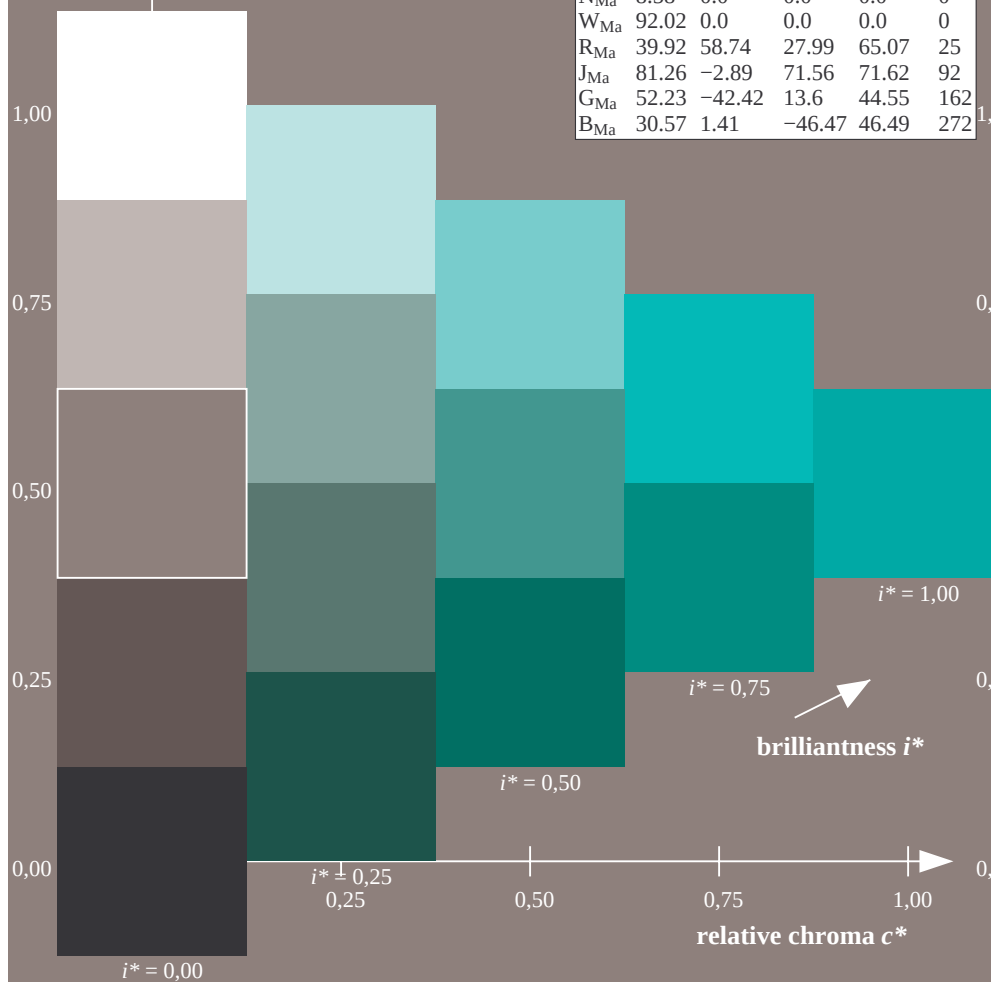
$u^*_{rel} = 109$

%Regularity

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

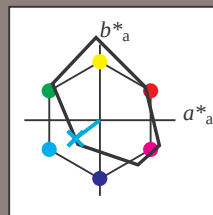
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$ u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g50b$ $u^*_d = l87c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -32 -24

$LAB^*LCH^*_{Ma}$: 52 40 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.87

triangle lightness t^*

%Gamut

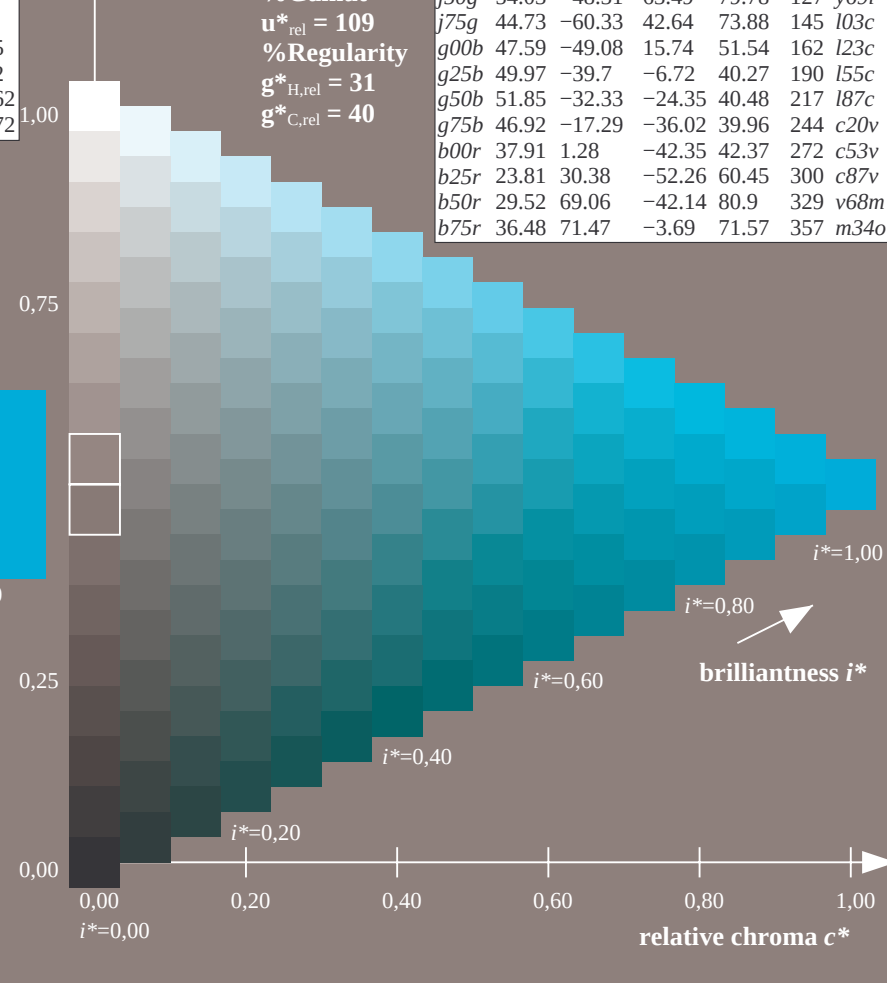
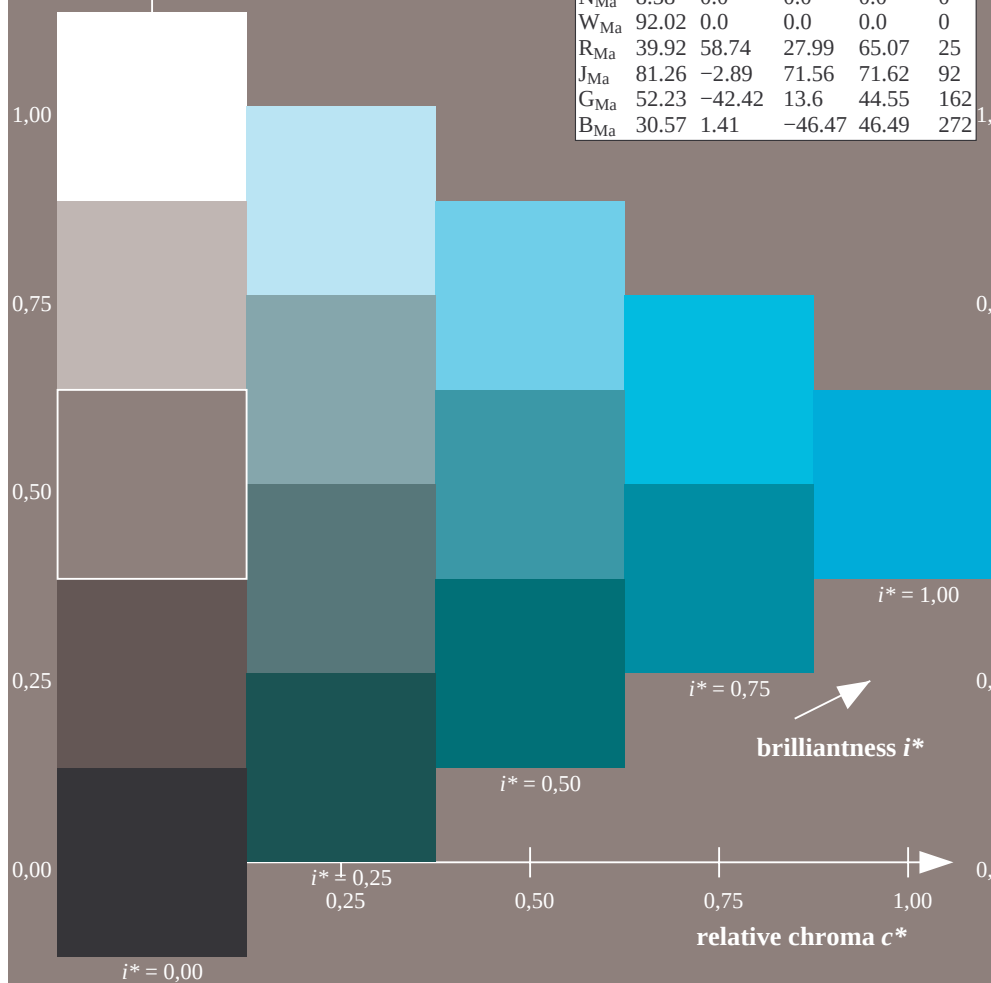
$u^*_{rel} = 109$

%Regularity

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

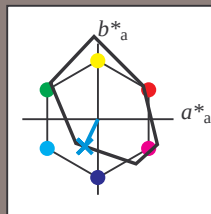
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$ u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -17 -36

$LAB^*LCH^*_{Ma}$: 47 40 244

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

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

triangle lightness t^*

%Gamut

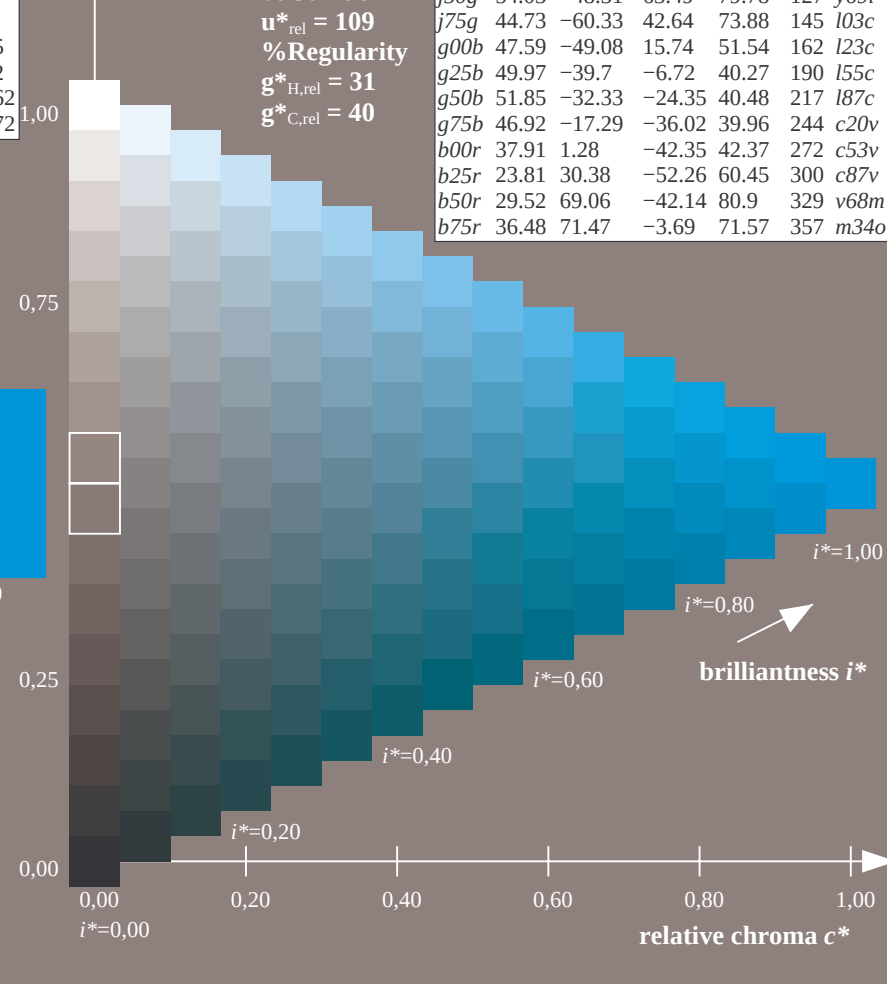
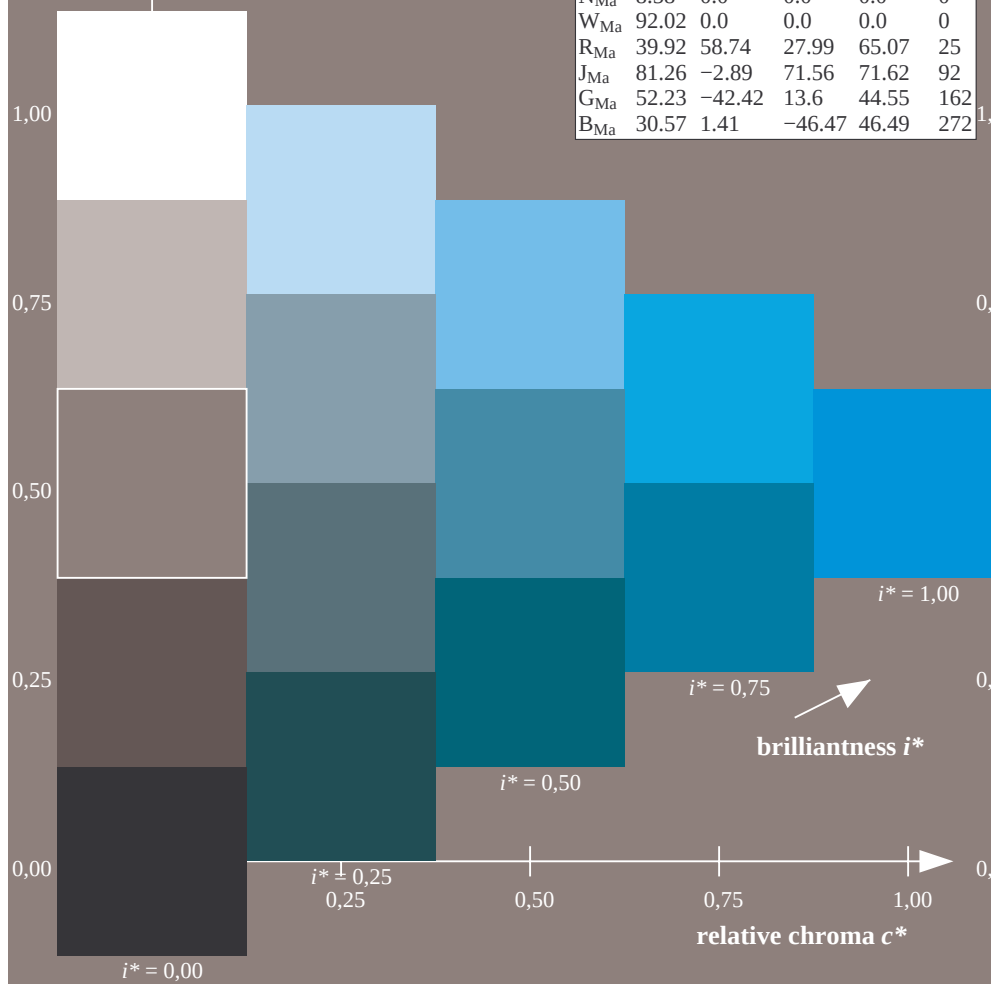
$u^*_{rel} = 109$

%Regularity

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

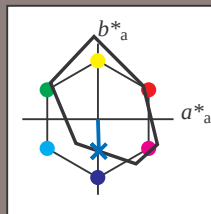
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$ u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = b00r$ $u_d^* = c53v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 38 1 -42

LAB^*LCH^*Ma : 38 42 271

lab^*rgb^*Ma : 0.0 0.0 1.0

lab^*olv^*Ma : 0.0 0.47 1.0

triangle lightness t^*

%Gamut

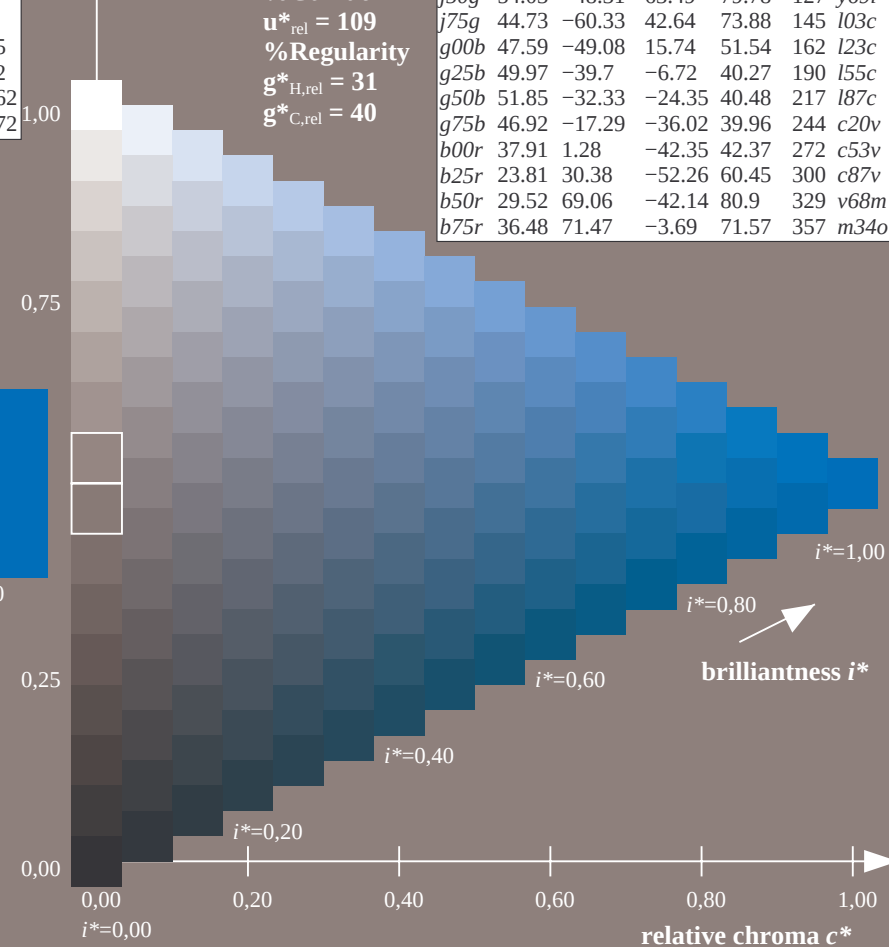
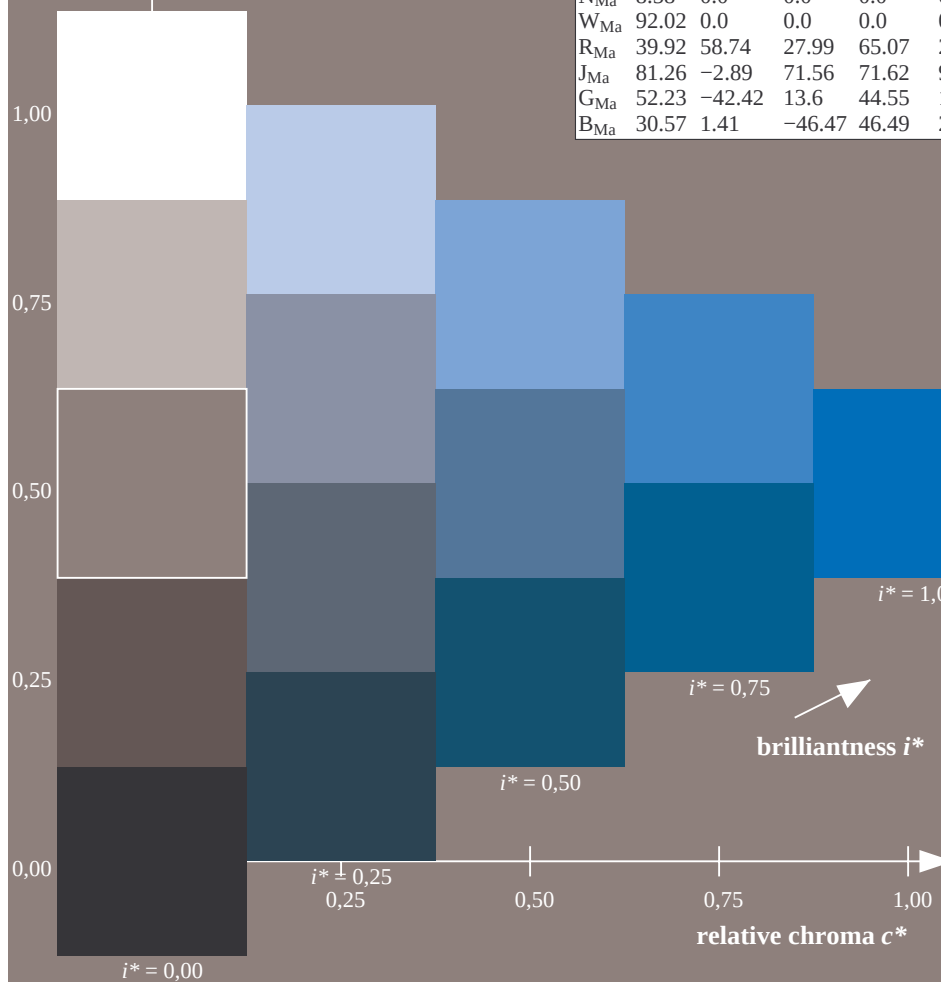
$u_{rel}^* = 109$

%Regularity

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS09_92a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$
data for any colour:

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

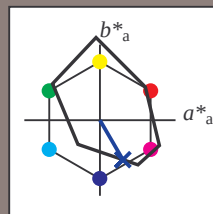
Hue texts:

$u_e^* = b25r$ $u_d^* = c87v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

	u_e^*	$L^*=L_a^*$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 30 -52

$LAB^*LCH^*_{Ma}$: 24 60 300

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

$lab^*olv^*_{Ma}$: 0.0 0.12 1.0

triangle lightness t^*

%Gamut

$u_{rel}^* = 109$

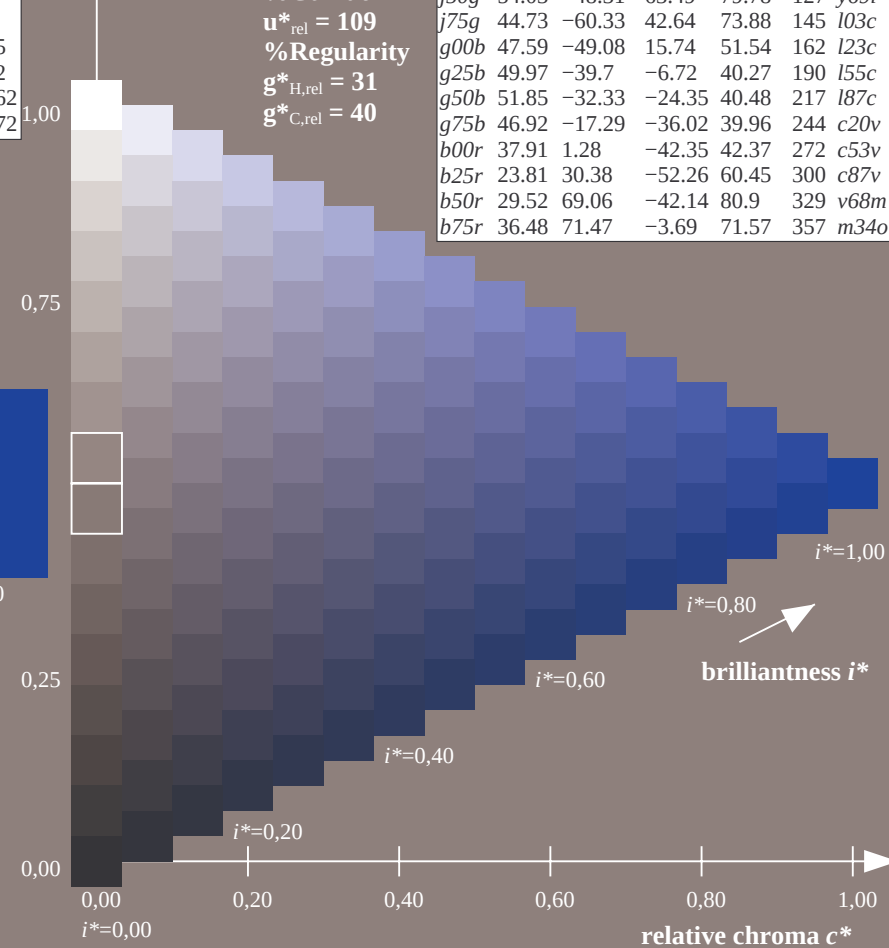
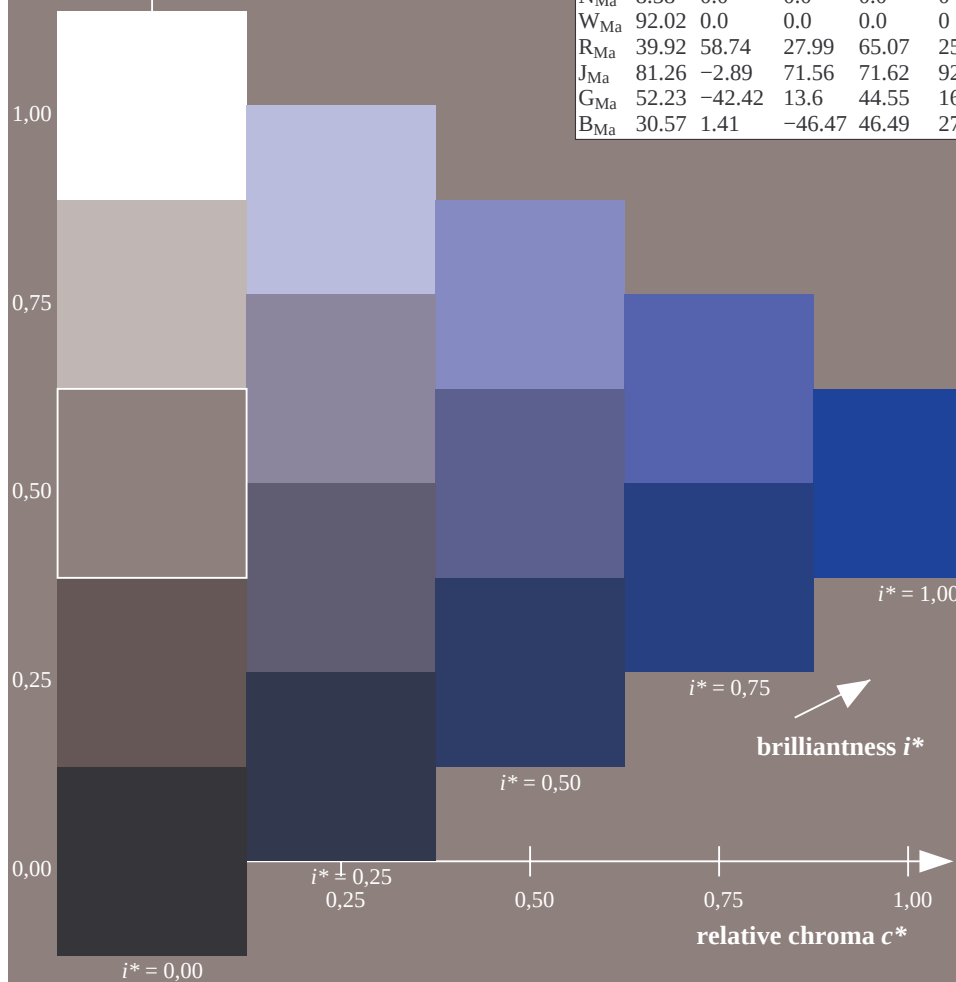
%Regularity

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS09_92a; adapted (a) CIELAB data

	u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$
data for any colour:

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

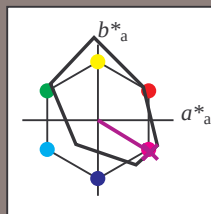
Hue texts:

$u^*_e = b50r$ $u^*_d = v68m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 69 -42

$LAB^*LCH^*_{Ma}$: 30 81 328

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

$lab^*olv^*_{Ma}$: 0.69 0.0 1.0

triangle lightness t^*

%Gamut

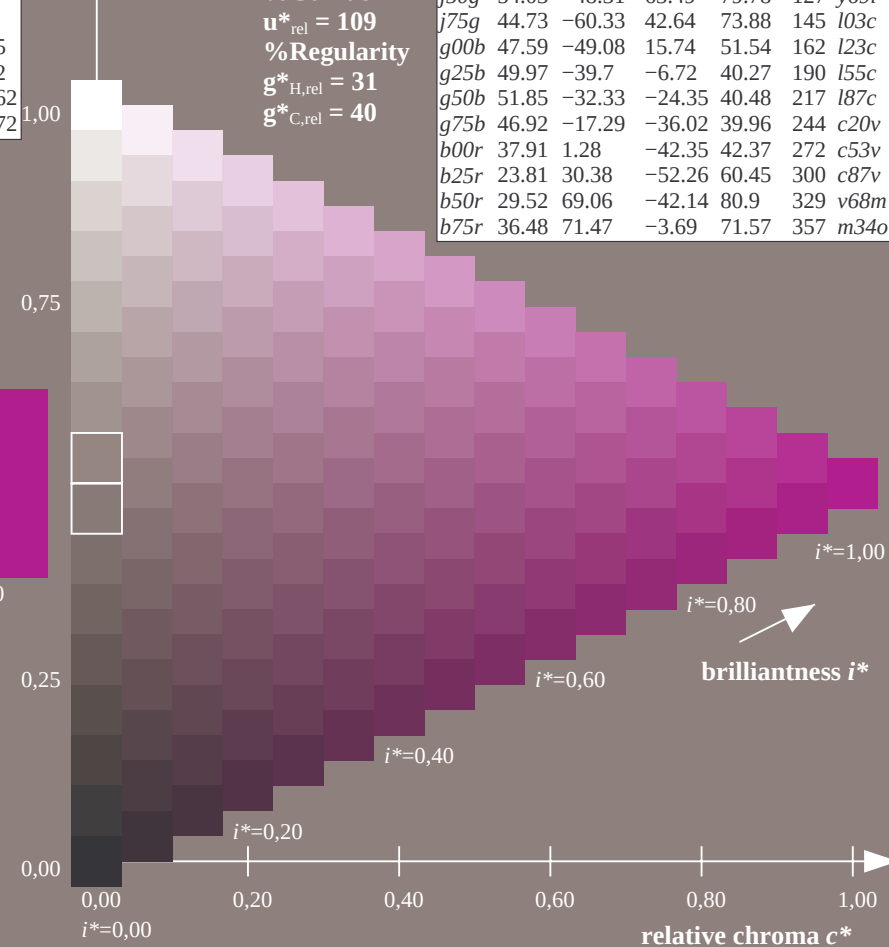
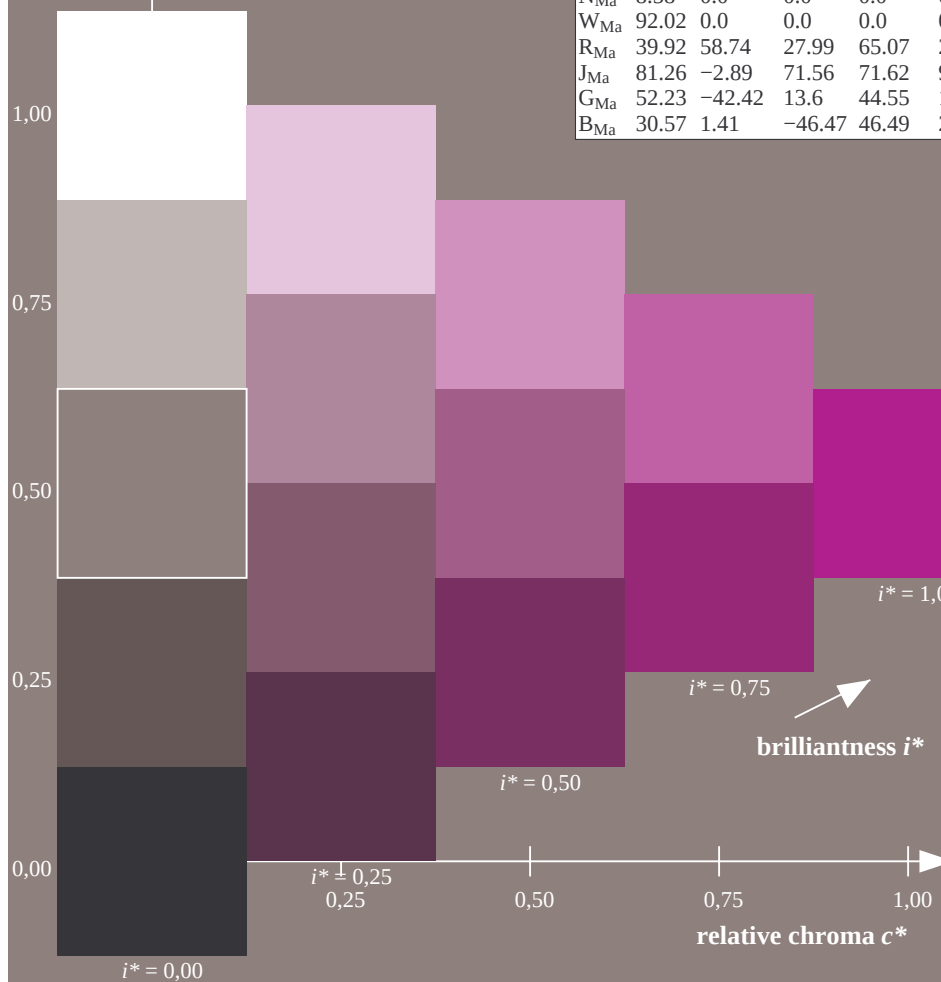
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$
data for any colour:

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

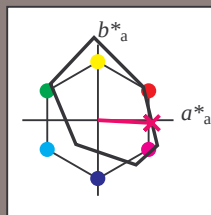
Hue texts:

$u^*_e = b75r$ $u^*_d = m34o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 71 -4

$LAB^*LCH^*_{Ma}$: 36 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.66

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

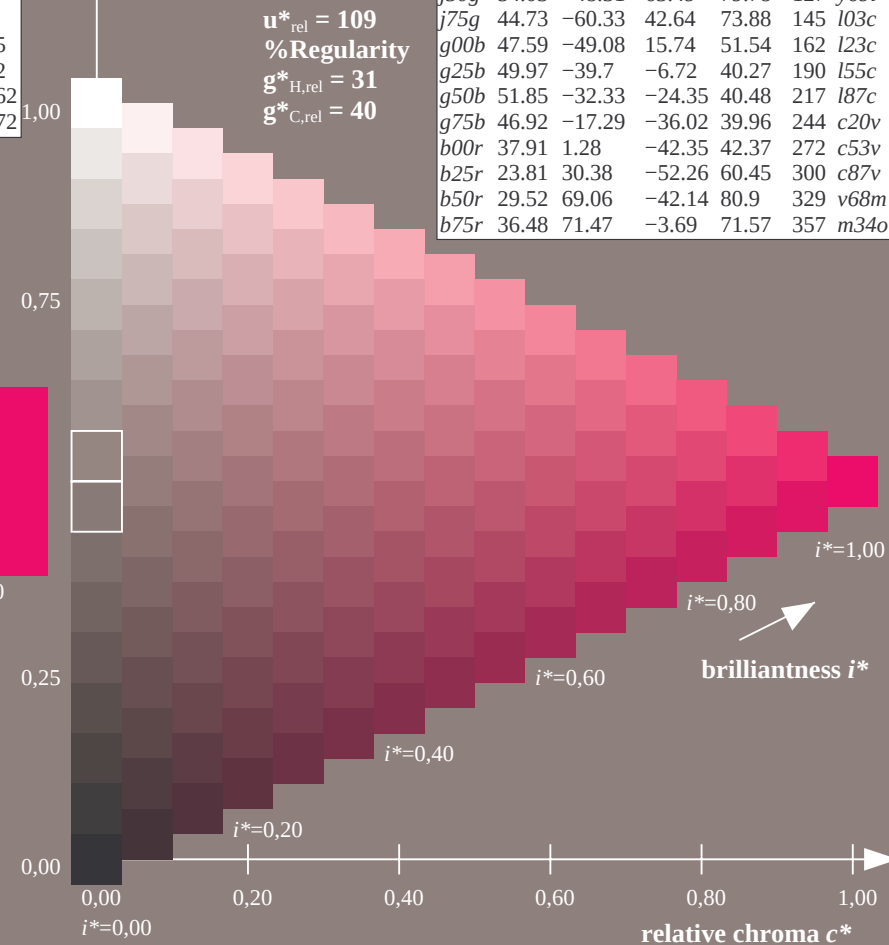
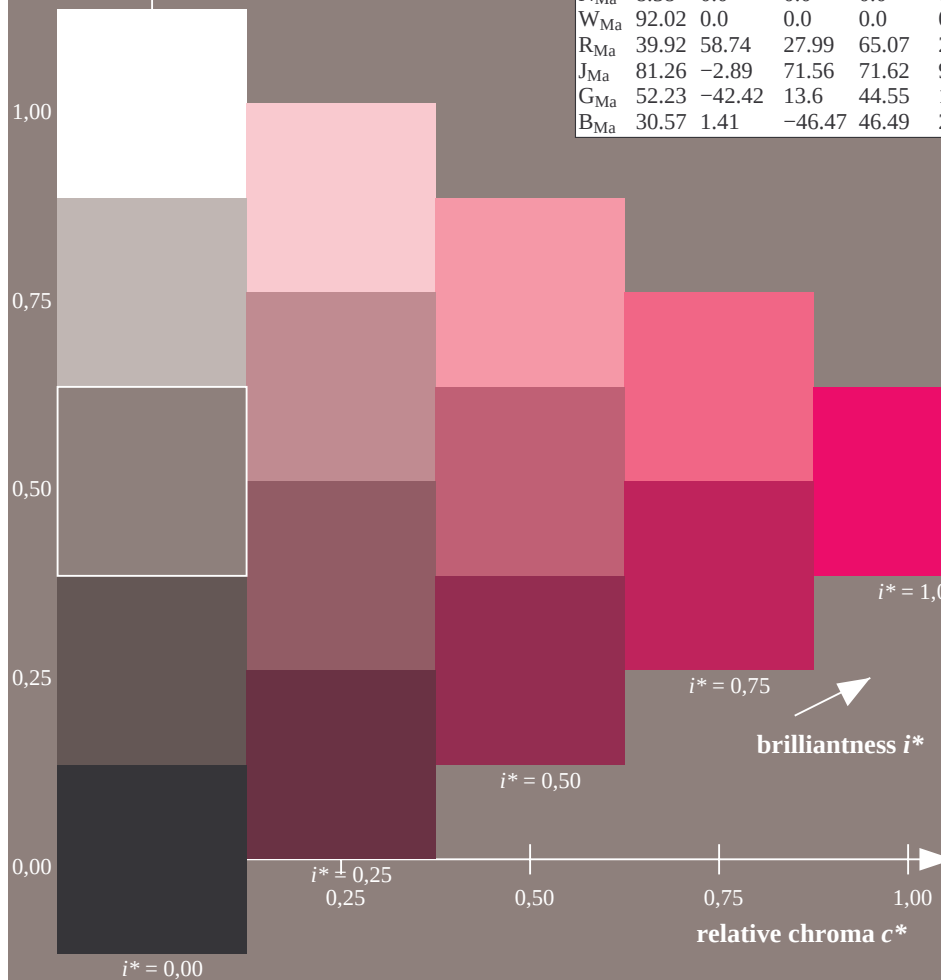
%Regularity

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

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

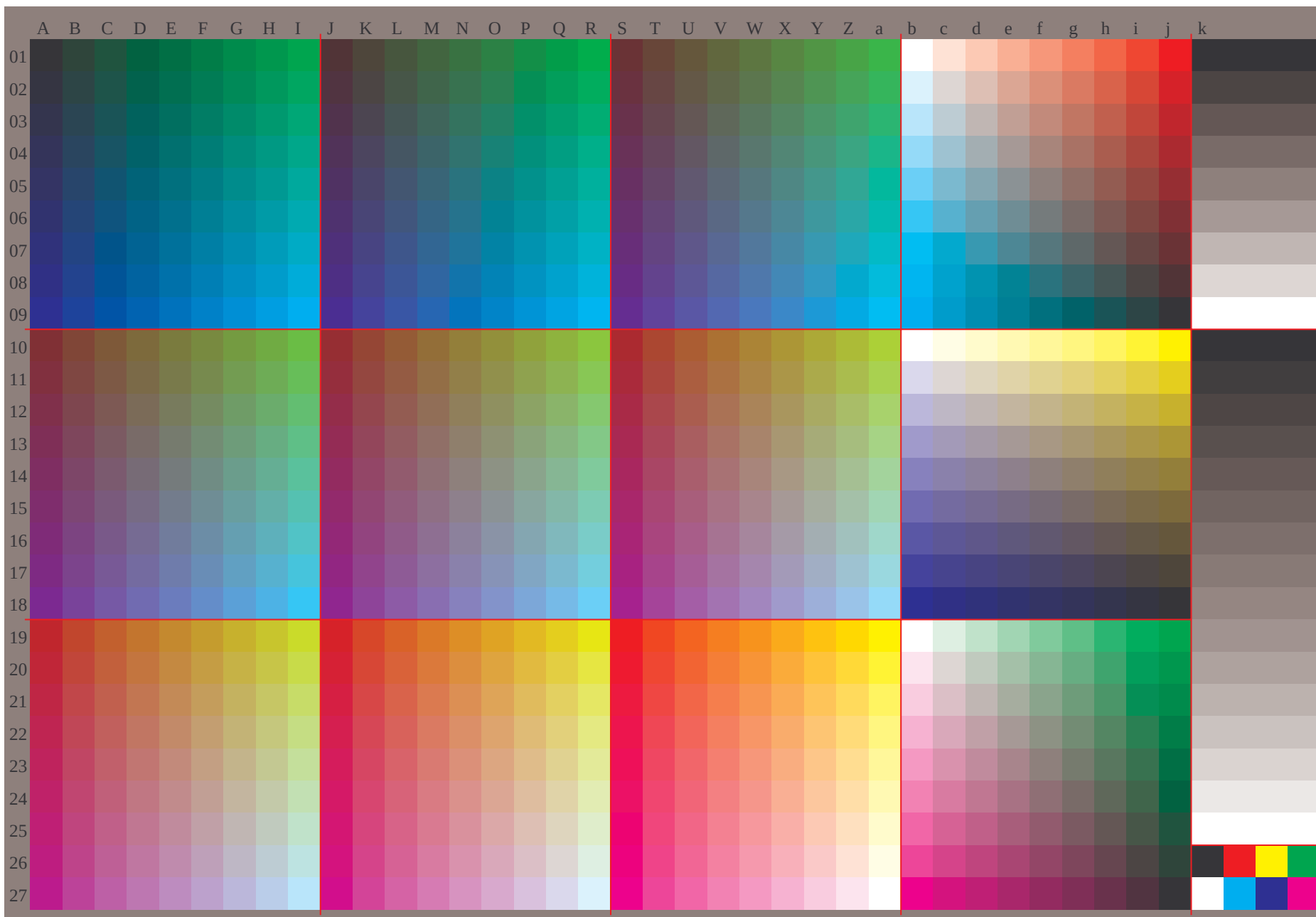
FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



See for similar files: <http://www.ps.bam.de/Ee36/>; www.ps.bam.de/Ee36/10L/L36E00NA.PS/.TXT
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee36/10L/L36E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems



Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:

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

elementary hue text:

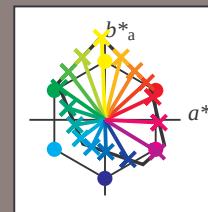
$u^*_e = 16$ hues $r00j$, $r25j$, ..., $b75r$

contrast reduction factor:

$$c_R = 1.0$$

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Gamut

$u^*_{rel} = 109$

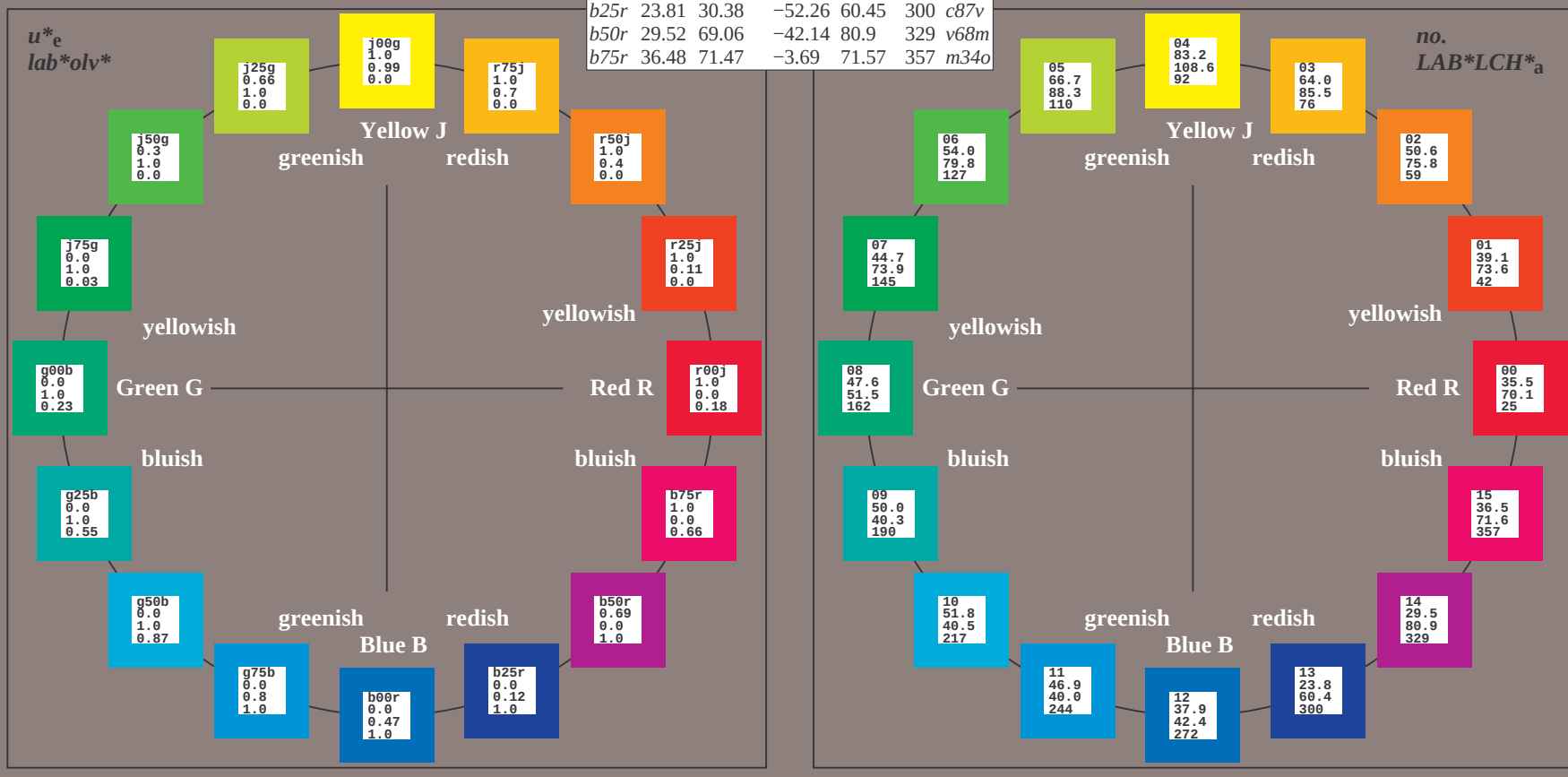
%Regularity

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

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

FRS09_92a; 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
R_{CIE}	39.92	58.74	27.99	65.07	92
J_{CIE}	81.26	-2.89	71.56	71.62	25
G_{CIE}	52.23	-42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

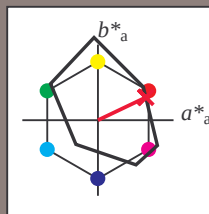
Hue texts:

$u^*_e = r00j$ $u^*_d = m81o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 63 30

$LAB^*LCH^*_{Ma}$: 35 70 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut

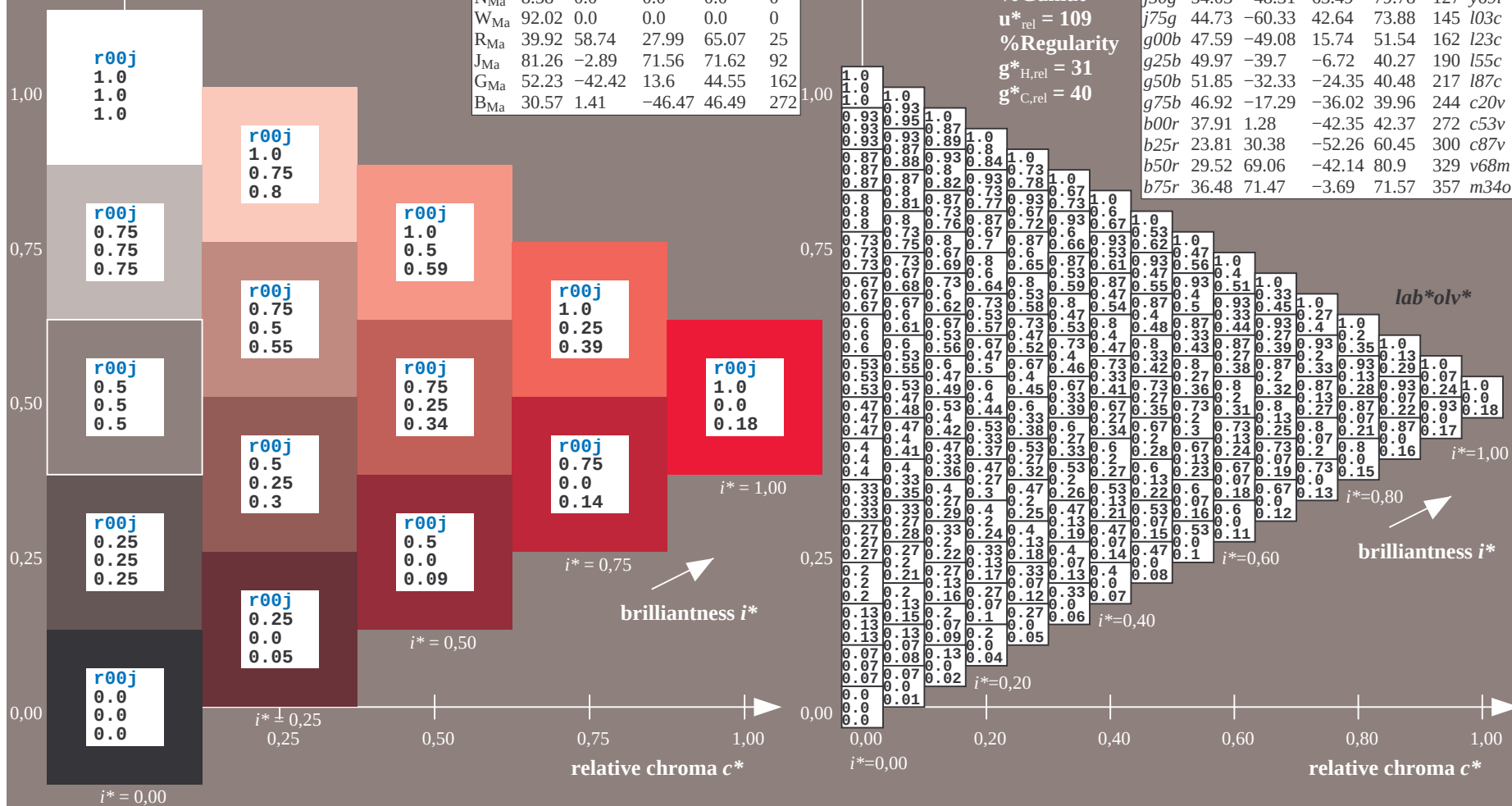
$u^*_{rel} = 109$

%Regularity

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

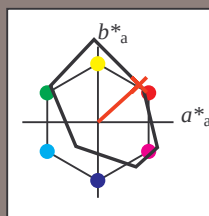
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25		m81o
r25j	39.12	54.56	49.45	73.64	42		o10y
r50j	50.64	39.15	64.89	75.79	59		o40y
r75j	64.01	21.26	82.83	85.52	76		o69y
j00g	83.18	-4.38	108.53	108.62	92		o98y
j25g	66.73	-29.89	83.06	88.28	110		y34l
j50g	54.03	-48.31	63.49	79.78	127		y69l
j75g	44.73	-60.33	42.64	73.88	145		l03c
g00b	47.59	-49.08	15.74	51.54	162		l23c
g25b	49.97	-39.7	-6.72	40.27	190		l55c
g50b	51.85	-32.33	-24.35	40.48	217		l87c
g75b	46.92	-17.29	-36.02	39.96	242		c20v
b00r	37.91	1.28	-42.35	42.37	272		c53v
b25r	23.81	30.38	-52.26	60.45	300		c87v
b50r	29.52	69.06	-42.14	80.9	329		v68m
b75r	36.48	71.47	-3.69	71.57	357		m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r25j$ $u^*_d = o10y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 55 49

$LAB^*LCH^*_{Ma}$: 39 74 42

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

$lab^*olv^*_{Ma}$: 1.0 0.11 0.0

triangle lightness t^*

%Gamut

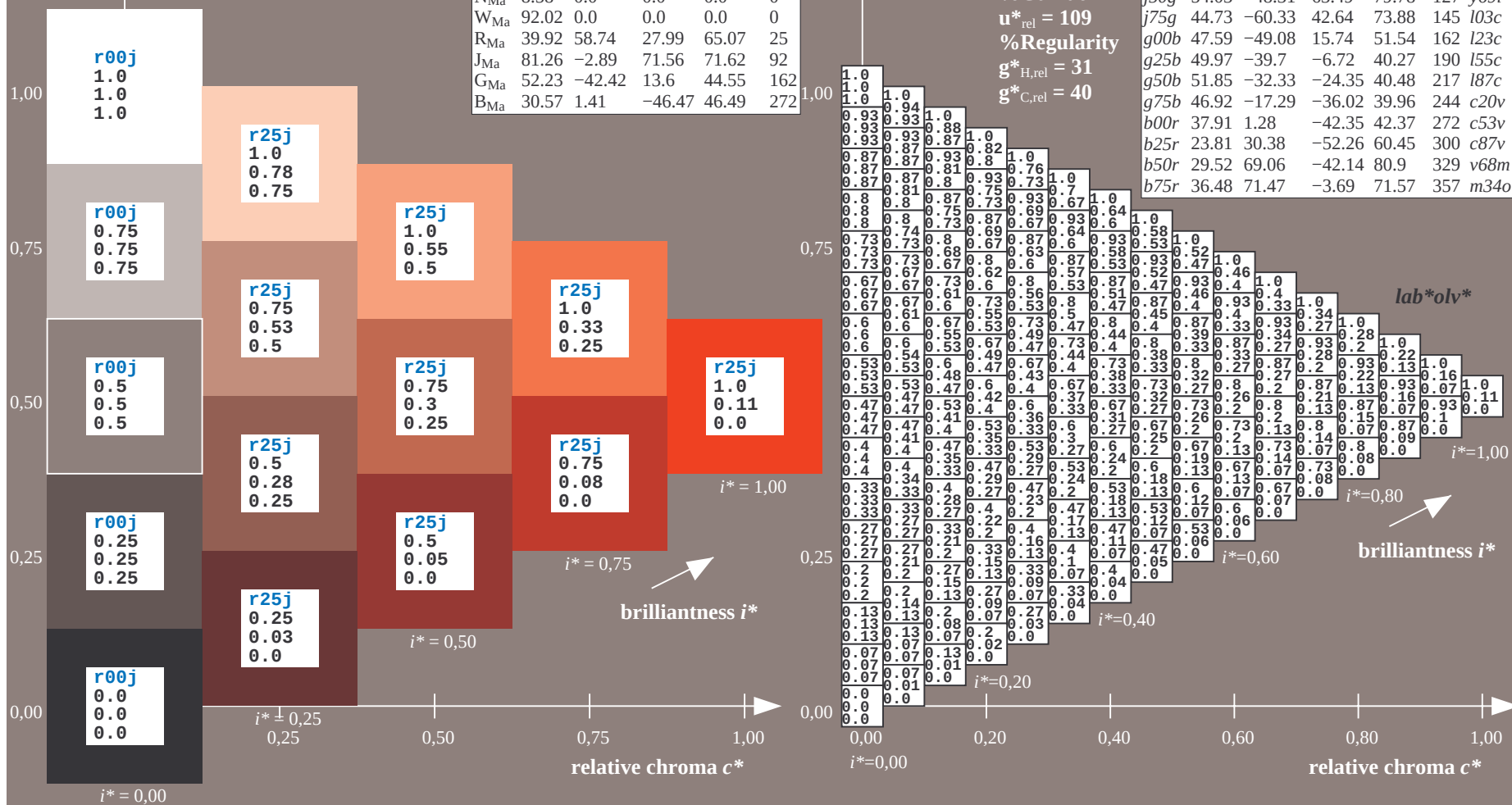
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$

data for any colour:

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

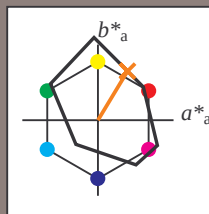
Hue texts:

$u^*_e = r50j$ $u^*_d = o40y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 39 65

$LAB^*LCH^*_{Ma}$: 51 76 58

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

$lab^*olv^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

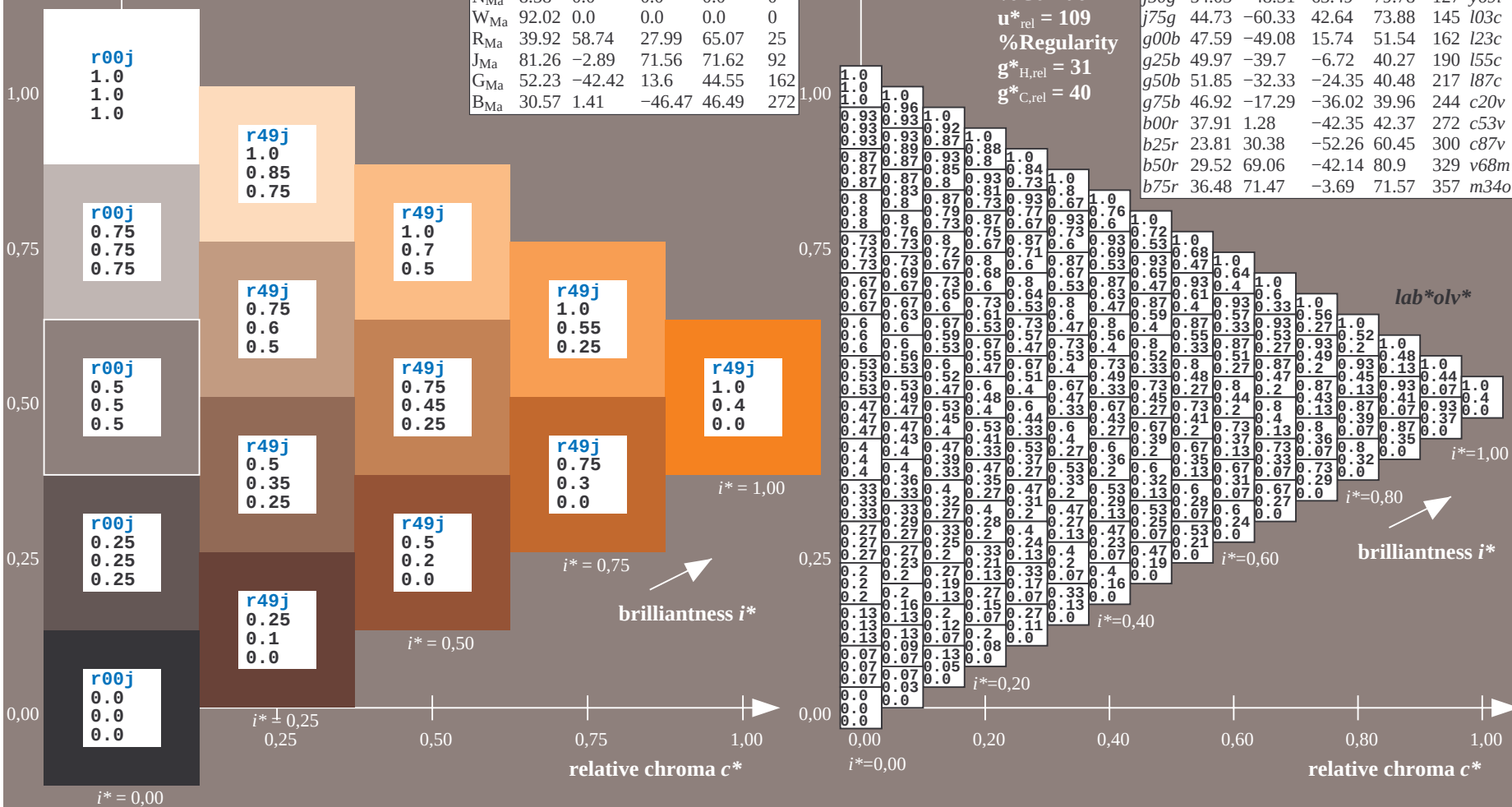
$u^*_{rel} = 109$

%Regularity

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

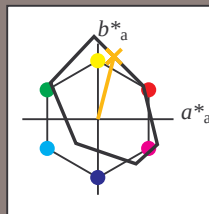
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r75j$ $u^*_d = o69y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 21 83

$LAB^*LCH^*_{Ma}$: 64 86 75

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

$lab^*olv^*_{Ma}$: 1.0 0.7 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

lab^*olv^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

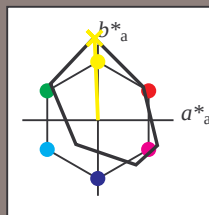
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j00g$ $u^*_d = o98y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -4 109

$LAB^*LCH^*_{Ma}$: 83 109 92

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

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

triangle lightness t^*

%Gamut

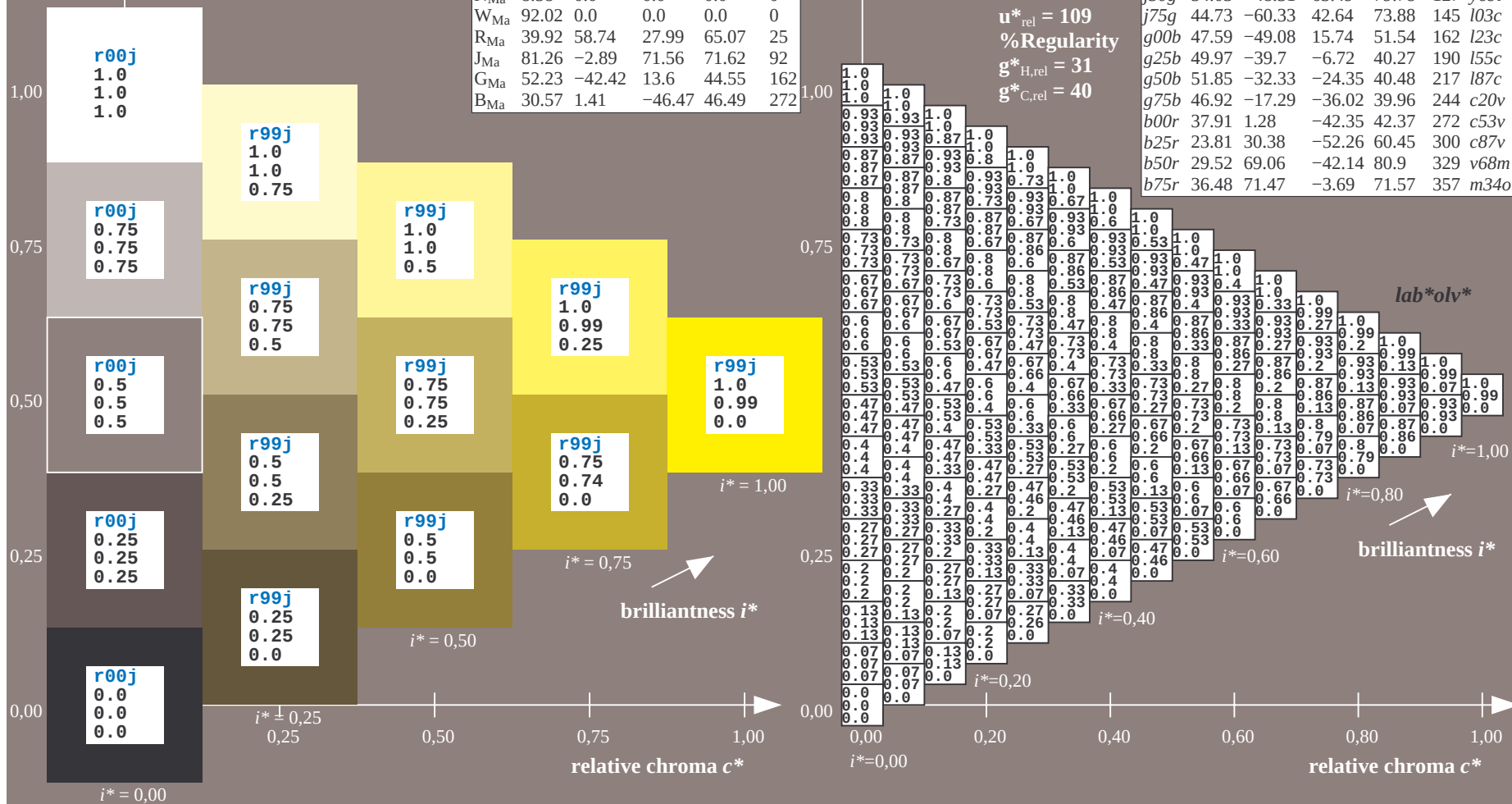
$u^*_{rel} = 109$

%Regularity

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

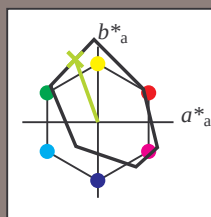
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j25g$ $u^*_d = y34l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -30 83

$LAB^*LCH^*_{Ma}$: 67 88 109

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

$lab^*olv^*_{Ma}$: 0.66 1.0 0.0

triangle lightness t^*

%Gamut

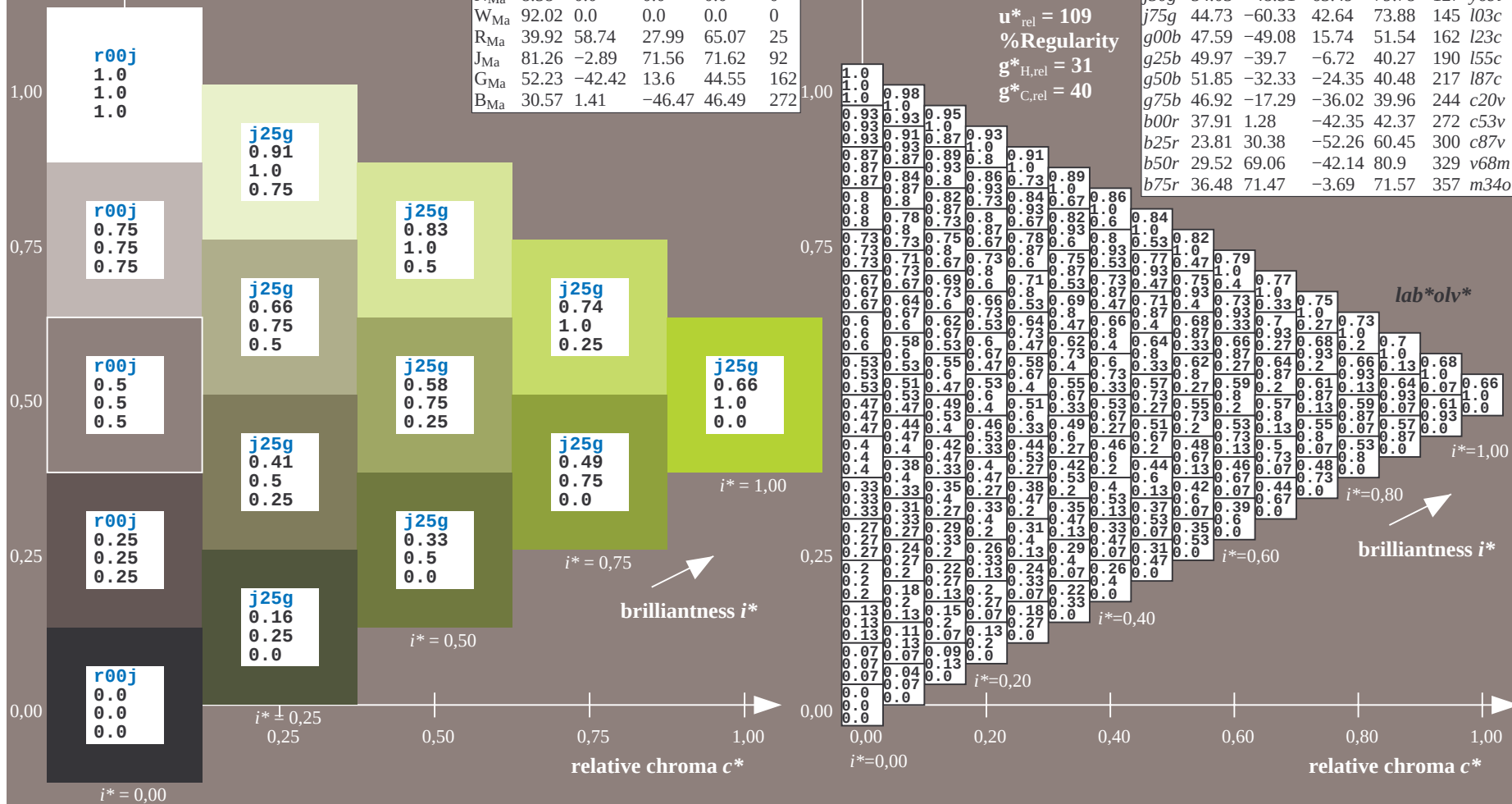
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

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

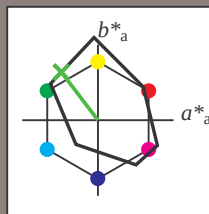
Hue texts:

$u^*_e = j50g$ $u^*_d = y69l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -48 63

$LAB^*LCH^*_{Ma}$: 54 80 127

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

$lab^*olv^*_{Ma}$: 0.3 1.0 0.0

triangle lightness t^*

%Gamut

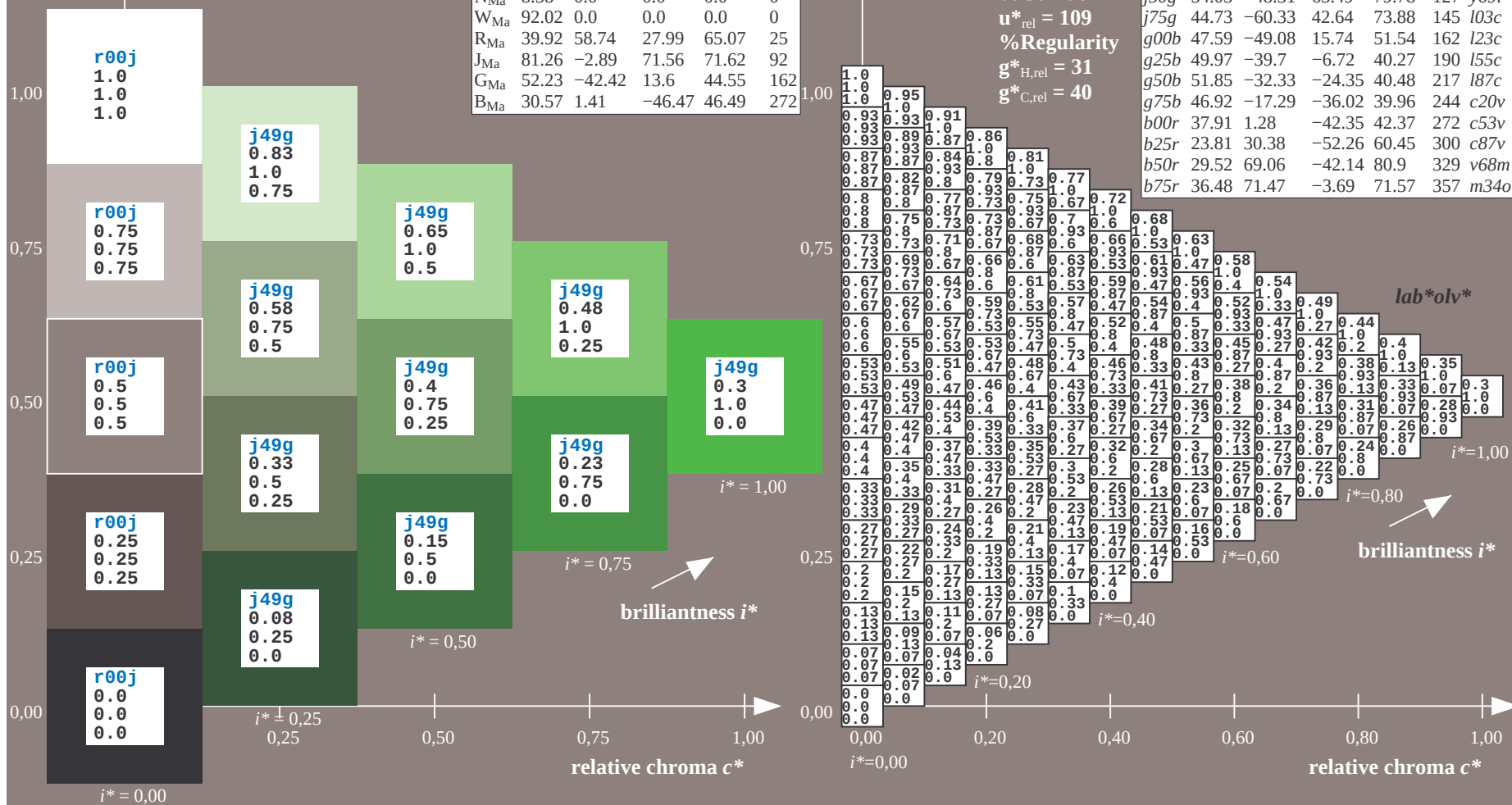
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

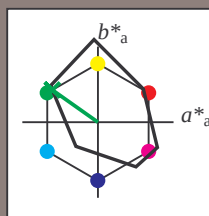
Hue texts:

$u^*_e = j75g$ $u^*_d = i03c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 45 -60 43

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 45 74 144

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.25 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 0.0 1.0 0.03

triangle lightness t^*

%Gamut

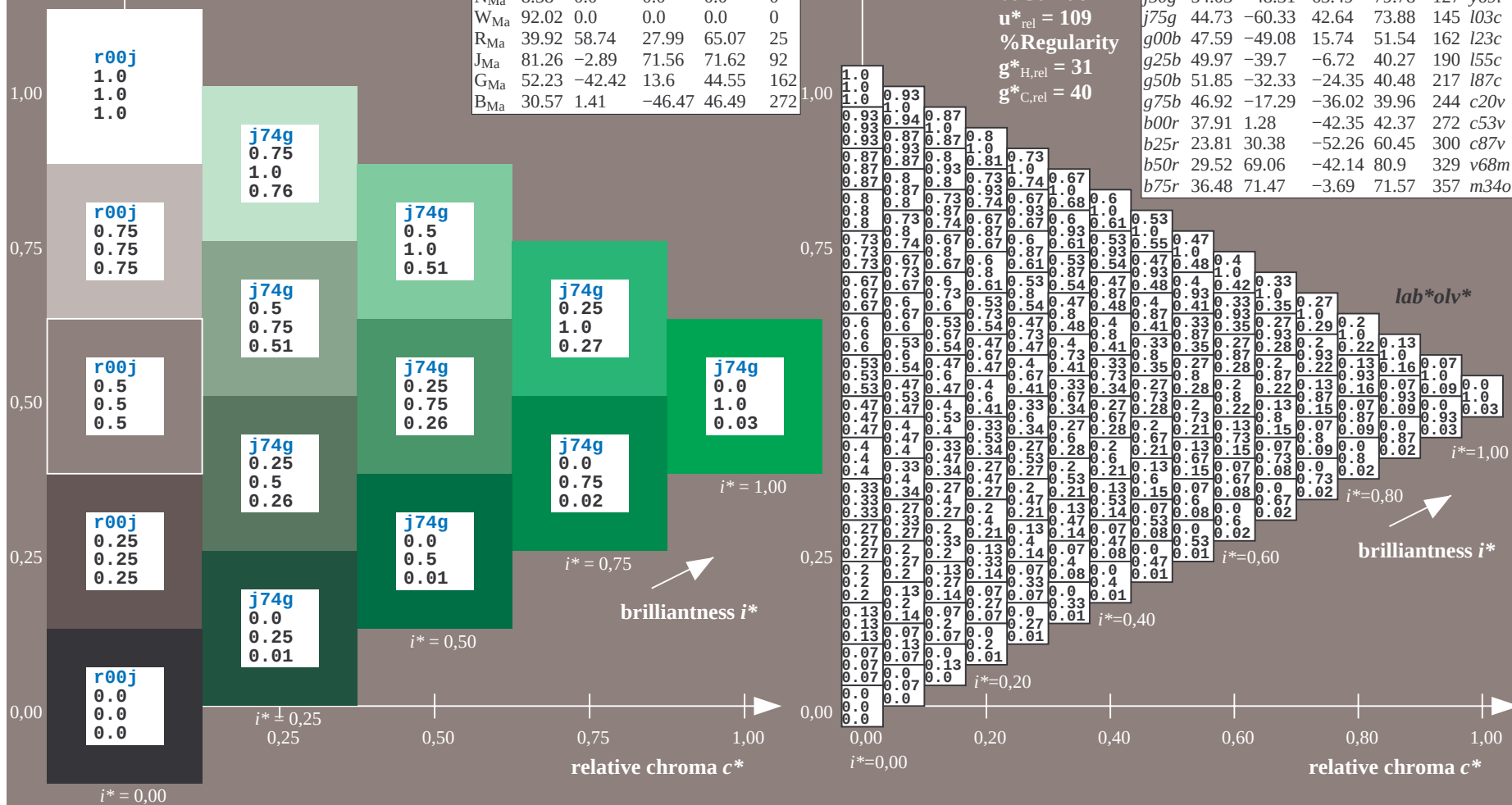
$u^*_{\text{rel}} = 109$

%Regularity

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

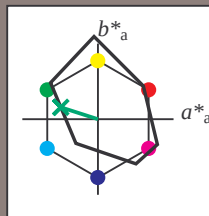
$g^*_{C,\text{rel}} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g00b$ $u^*_d = l23c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



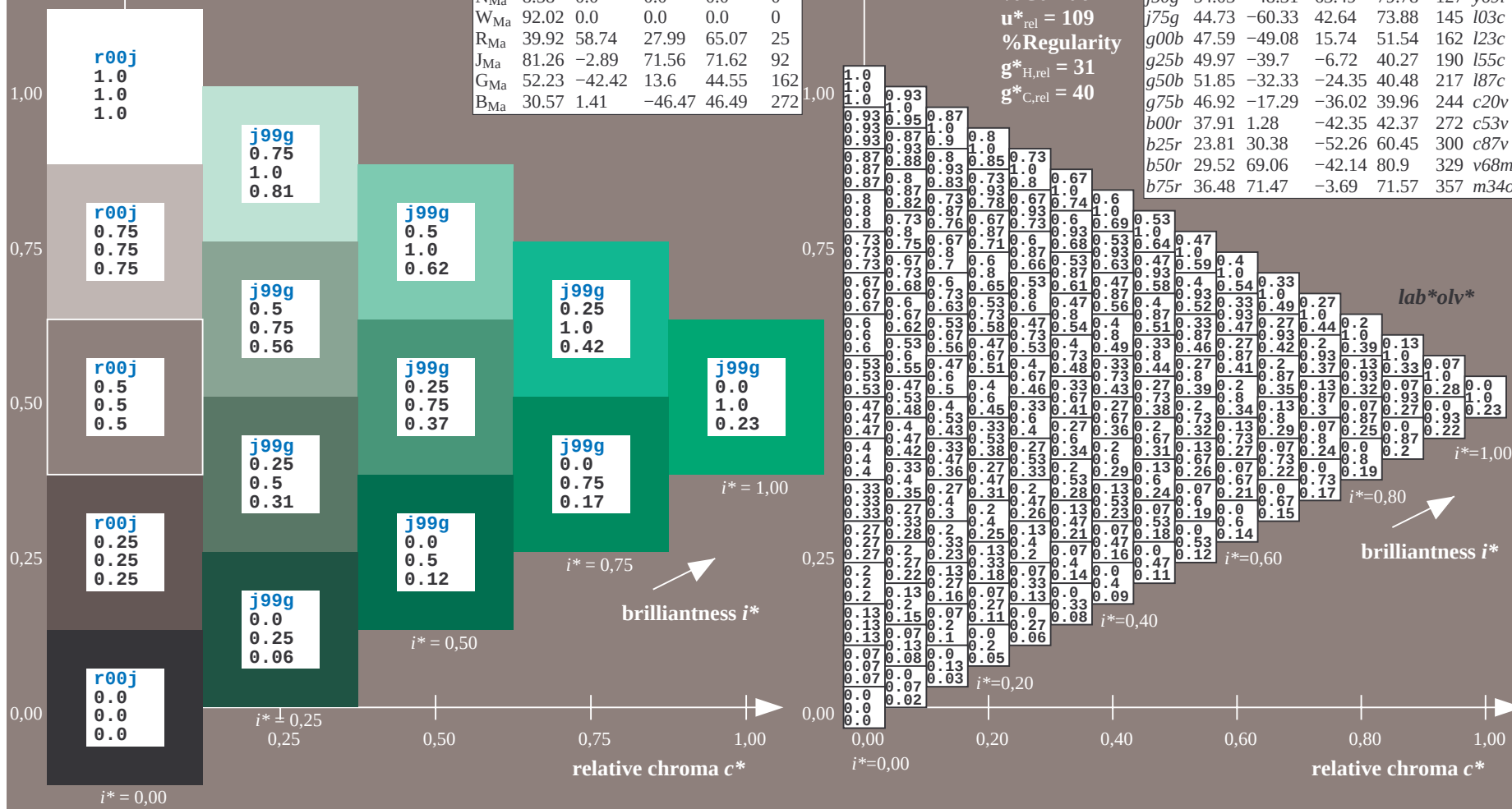
FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -49 16
 $LAB^*LCH^*_{Ma}$: 48 52 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.23
triangle lightness t^*

% Gamut
 $u^*_{rel} = 109$
% Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.527$

data for any colour:

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

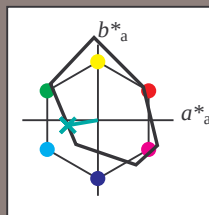
Hue texts:

$u^*_e = g25b$ $u^*_d = l55c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 50 -40 -7

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 50 40 189

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.0 1.0 0.5

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 0.0 1.0 0.55

triangle lightness t^*

%Gamut

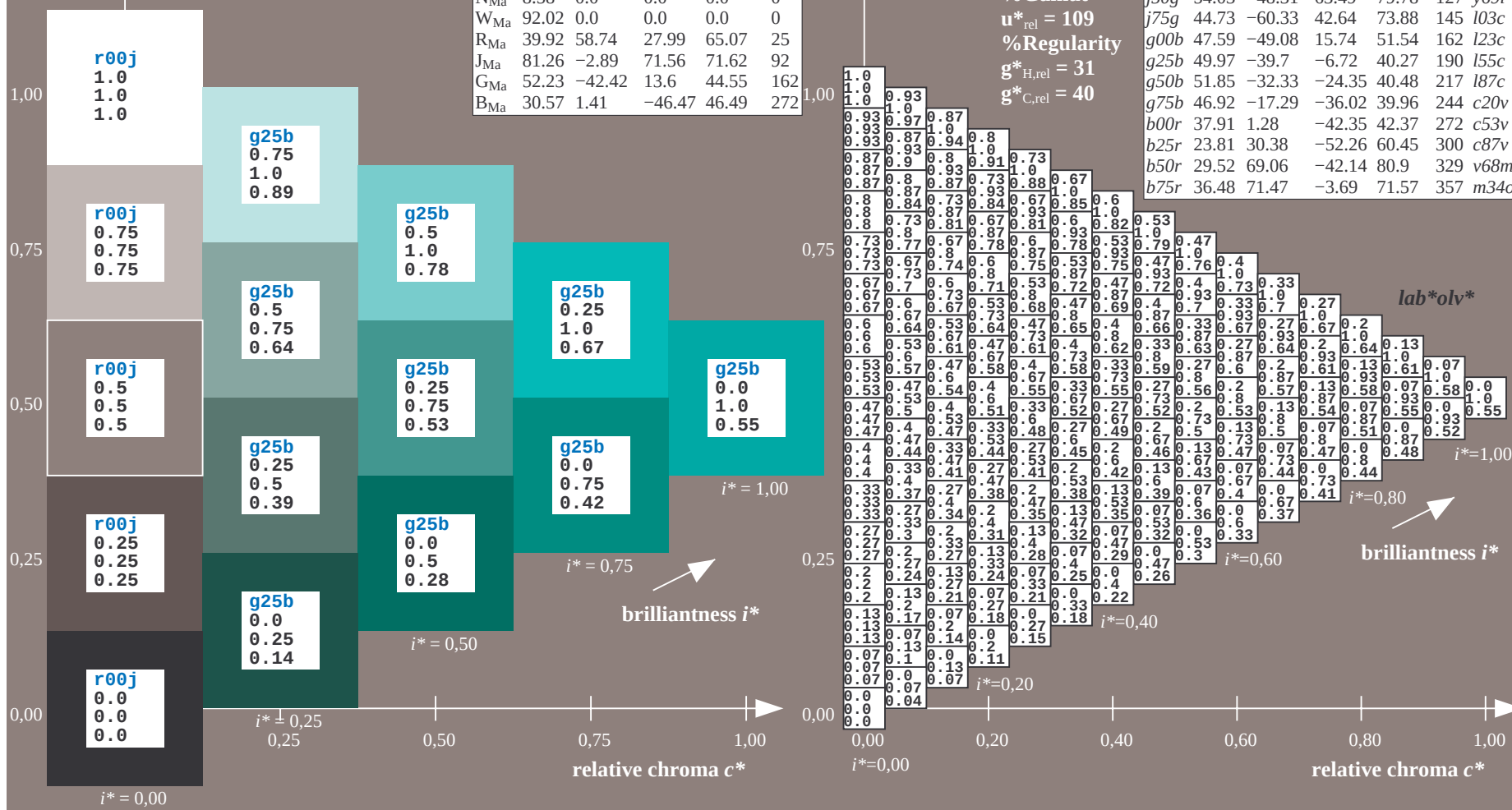
$u^*_{\text{rel}} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

data for any colour:

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

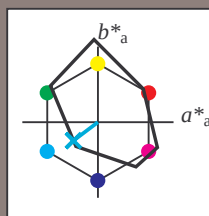
Hue texts:

$u^*_e = g50b$ $u^*_d = l87c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -32 -24

$LAB^*LCH^*_{Ma}$: 52 40 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.87

triangle lightness t^*

%Gamut

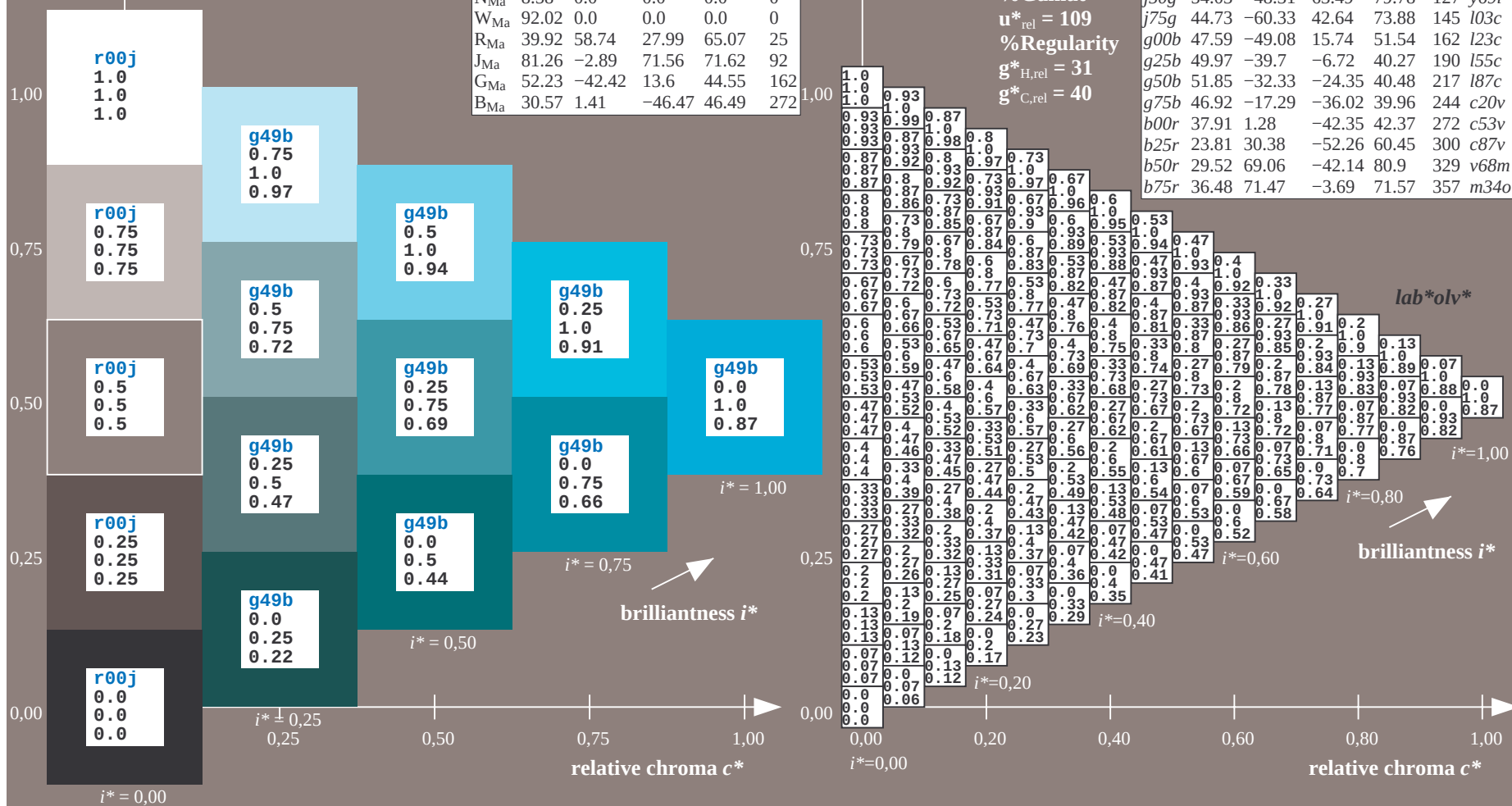
$u^*_{rel} = 109$

%Regularity

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

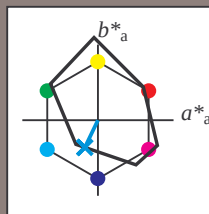
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -17 -36

$LAB^*LCH^*_{Ma}$: 47 40 244

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

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

triangle lightness t^*

%Gamut

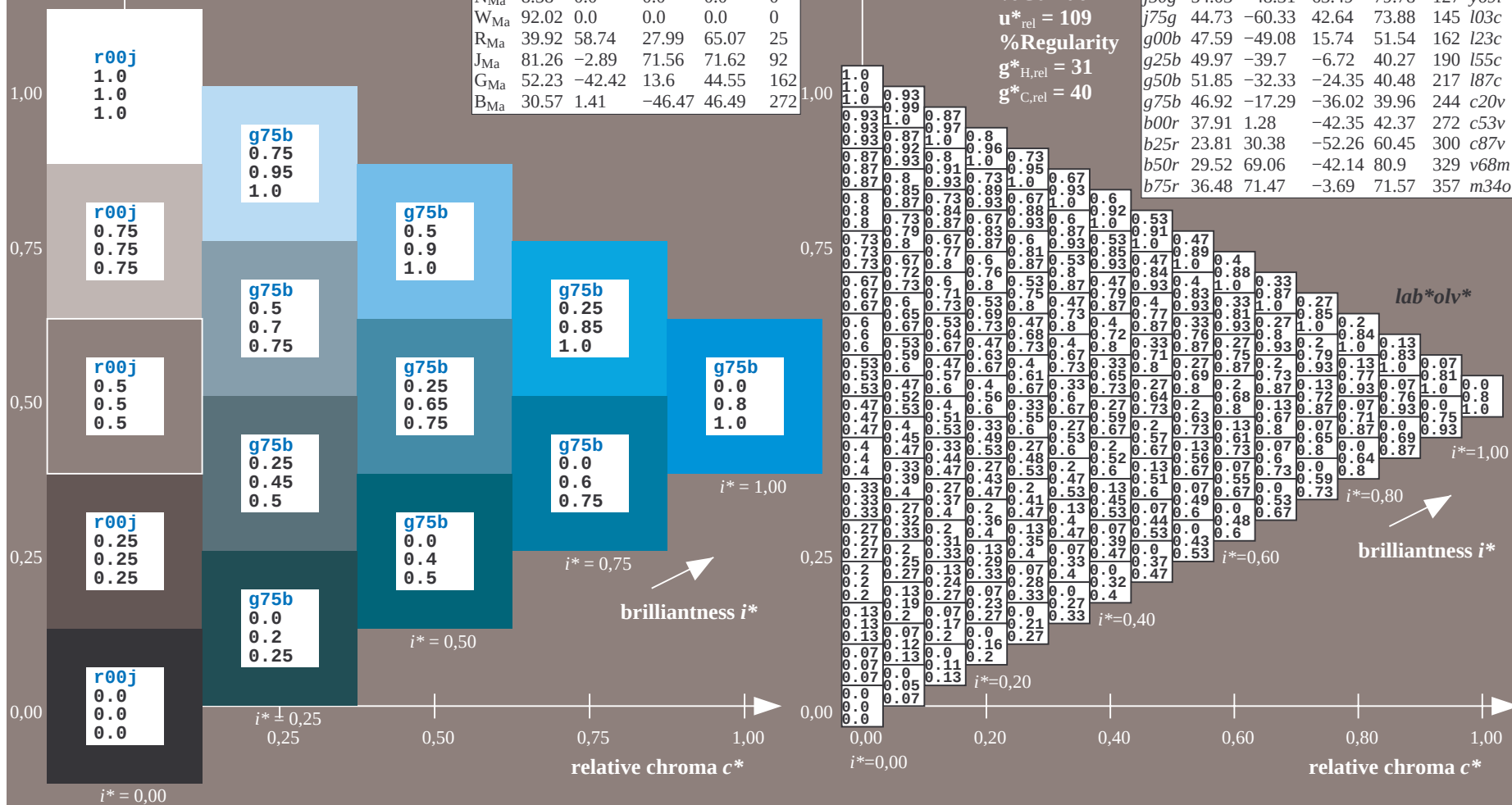
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

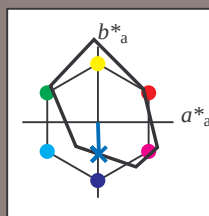
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -42

$LAB^*LCH^*_{Ma}$: 38 42 271

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

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

%Gamut

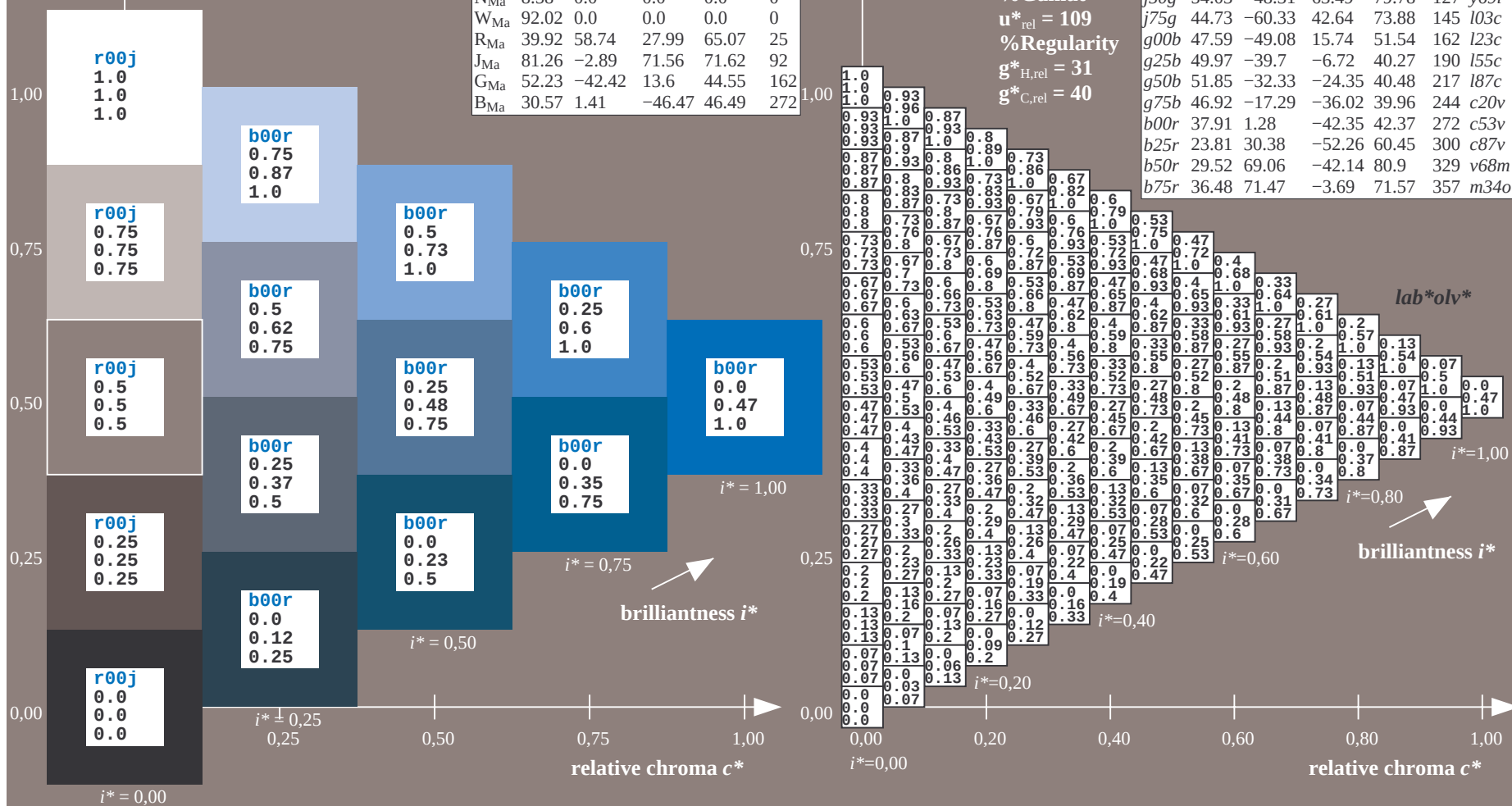
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

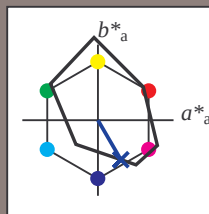
Hue texts:

$u^*_e = b25r$ $u^*_d = c87v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 24 30 -52

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 24 60 300

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.5 0.0 1.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 0.0 0.12 1.0

triangle lightness t^*

%Gamut

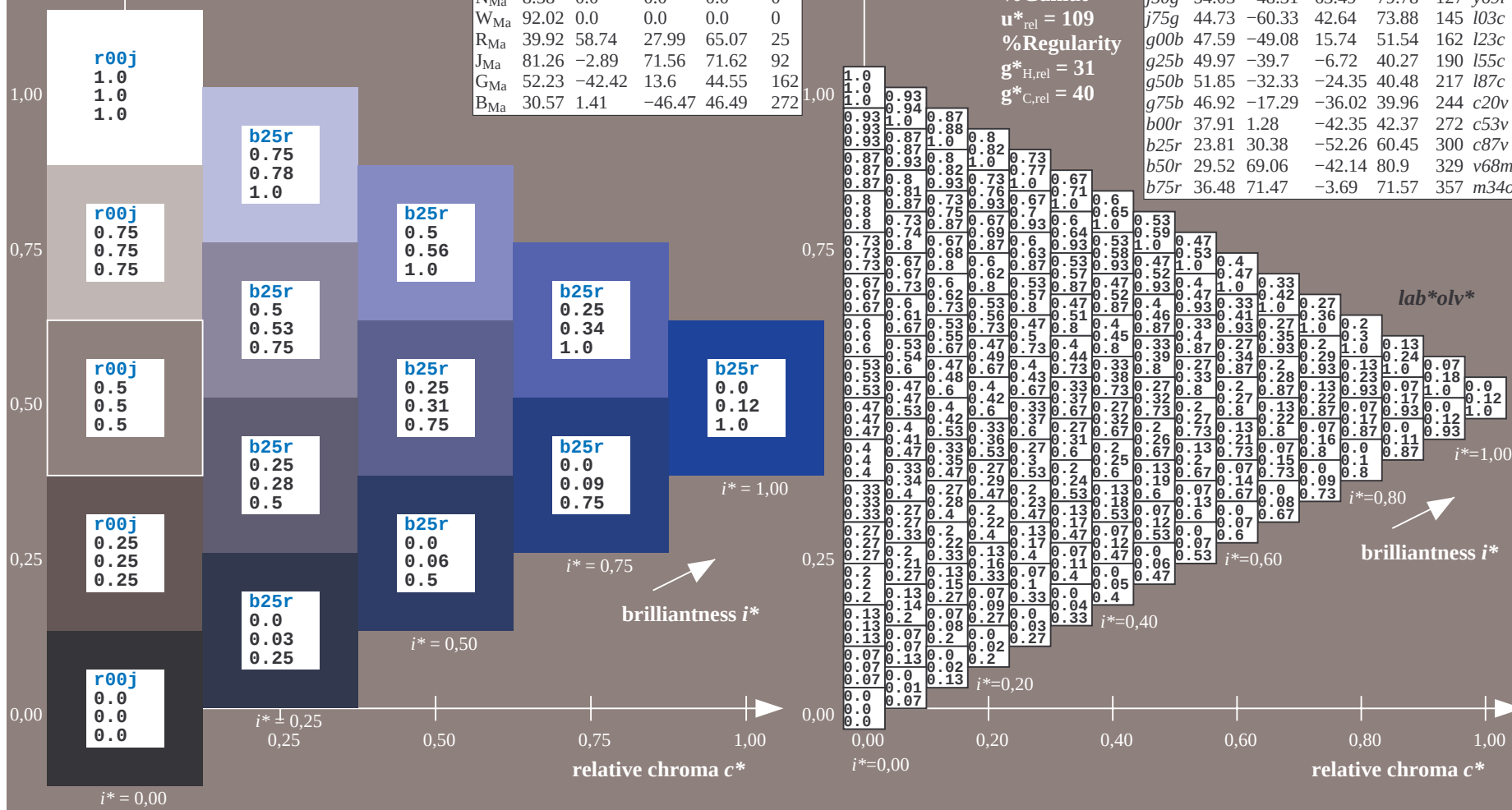
$u^*_{\text{rel}} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

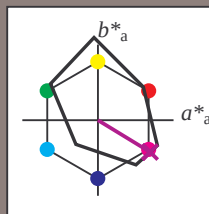
Hue texts:

$u^*_e = b50r$ $u^*_d = v68m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 69 -42

$LAB^*LCH^*_{Ma}$: 30 81 328

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

$lab^*olv^*_{Ma}$: 0.69 0.0 1.0

triangle lightness t^*

%Gamut

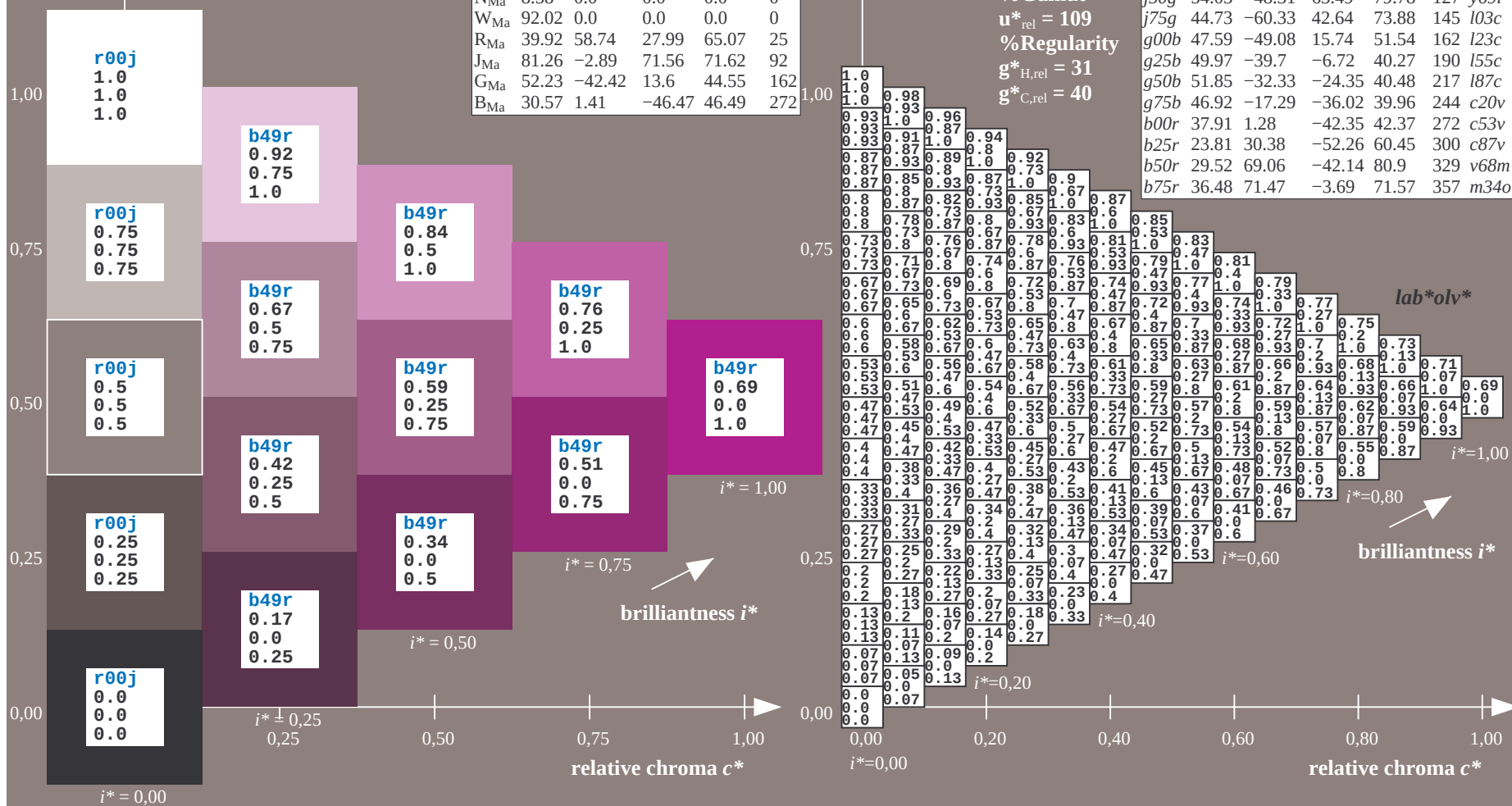
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.992$

data for any colour:

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

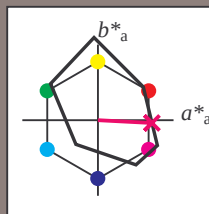
Hue texts:

$u^*_e = b75r$ $u^*_d = m34o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 36 71 -4

$\text{LAB}^*\text{LCH}^*_{Ma}$: 36 72 357

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.0 0.5

$\text{lab}^*\text{olv}^*_{Ma}$: 1.0 0.0 0.66

triangle lightness t^*

%Gamut

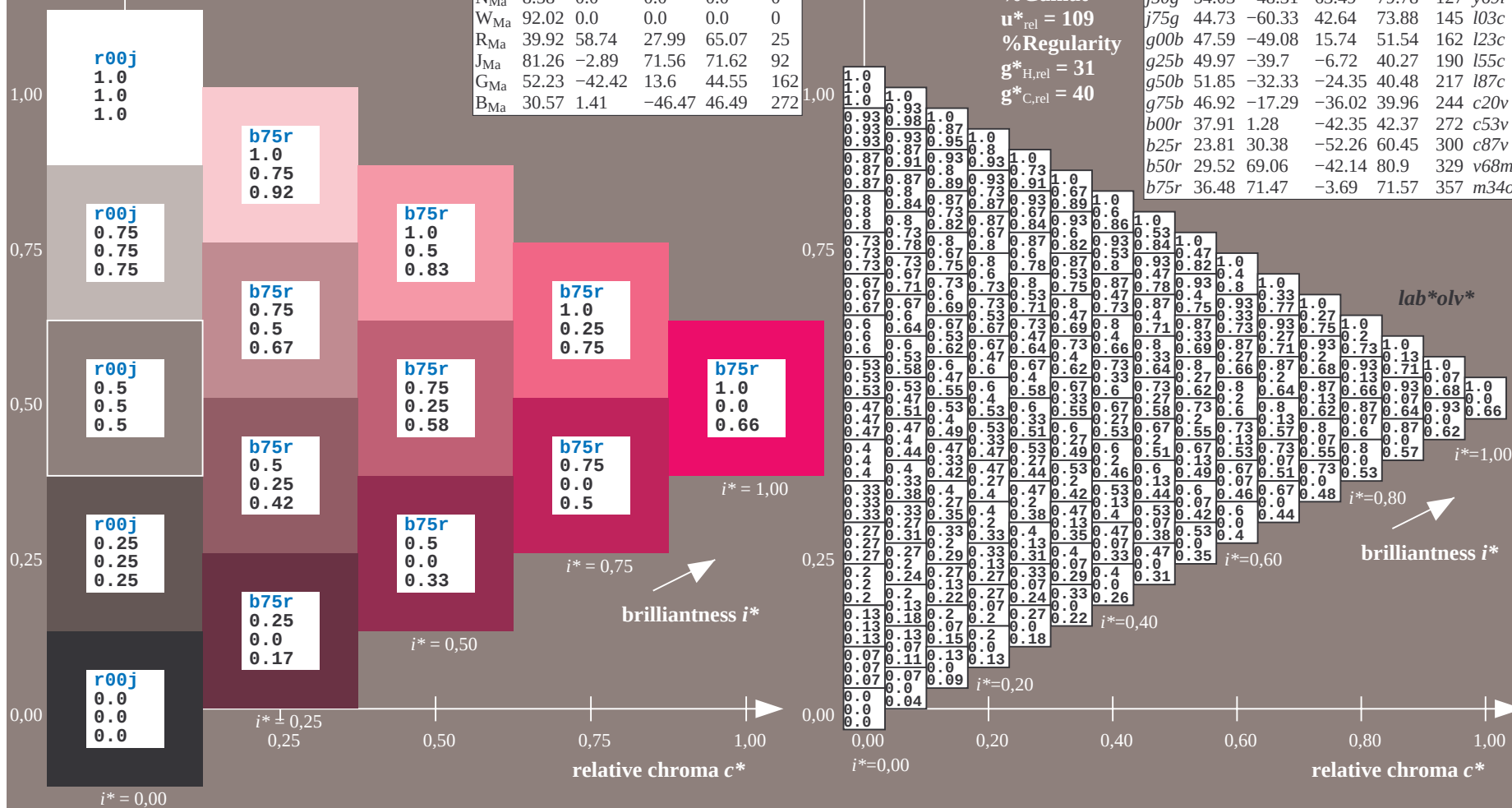
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



BAM-test chart Ee36; Colorimetric systems, Page 54/198
D65: colour scales and 9 data tables for 16 hues *r00j* to *b00j*

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

BAM registration: 20081001-Ec36/10/L36E00NA.PS/.TXT BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

See for similar files: <http://www.ps.bam.de/Ee36/>; www.ps.bam.de/Ee.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

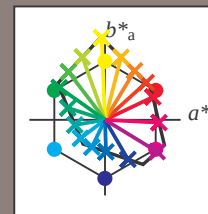
[illegible]

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:

u^*_e and number $no.$ = 00 .. 15
elementary hue text:
 $u^*_e = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 1.0$

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Gamut

$u^*_{rel} = 109$

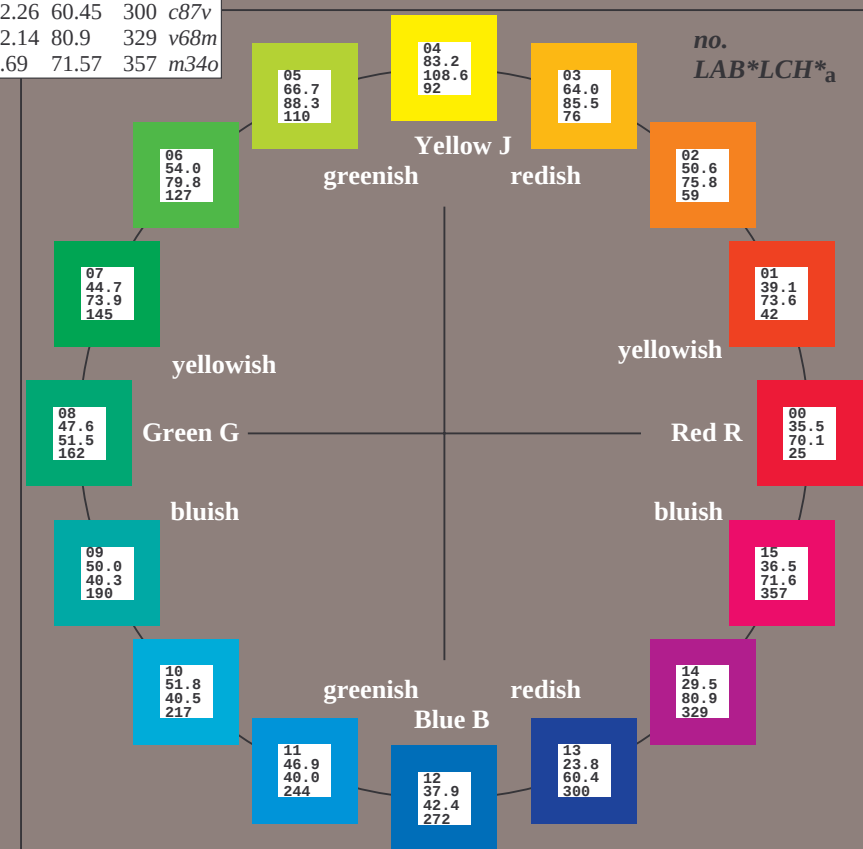
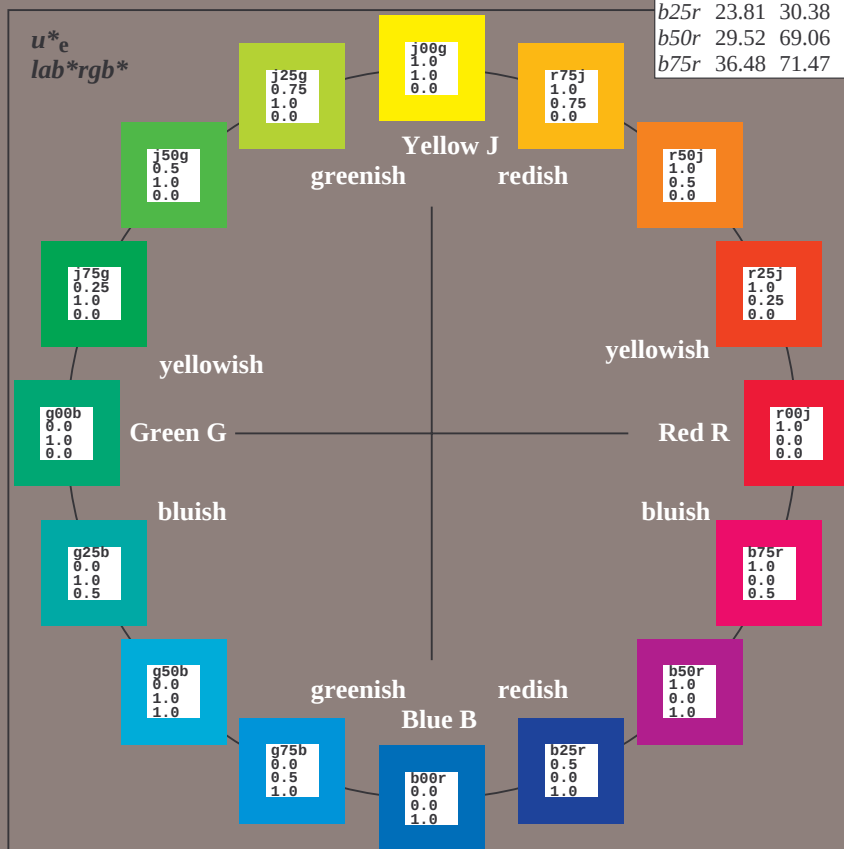
%Regularity

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

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

FRS09_92a; 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
R_{CIE}	39.92	58.74	27.99	65.07	92
J_{CIE}	81.26	-2.89	71.56	71.62	25
G_{CIE}	52.23	-42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

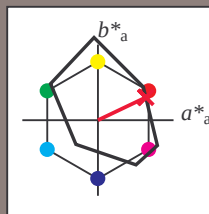
Hue texts:

$u^*_e = r00j$ $u^*_d = m81o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 63 30

$LAB^*LCH^*_{Ma}$: 35 70 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut

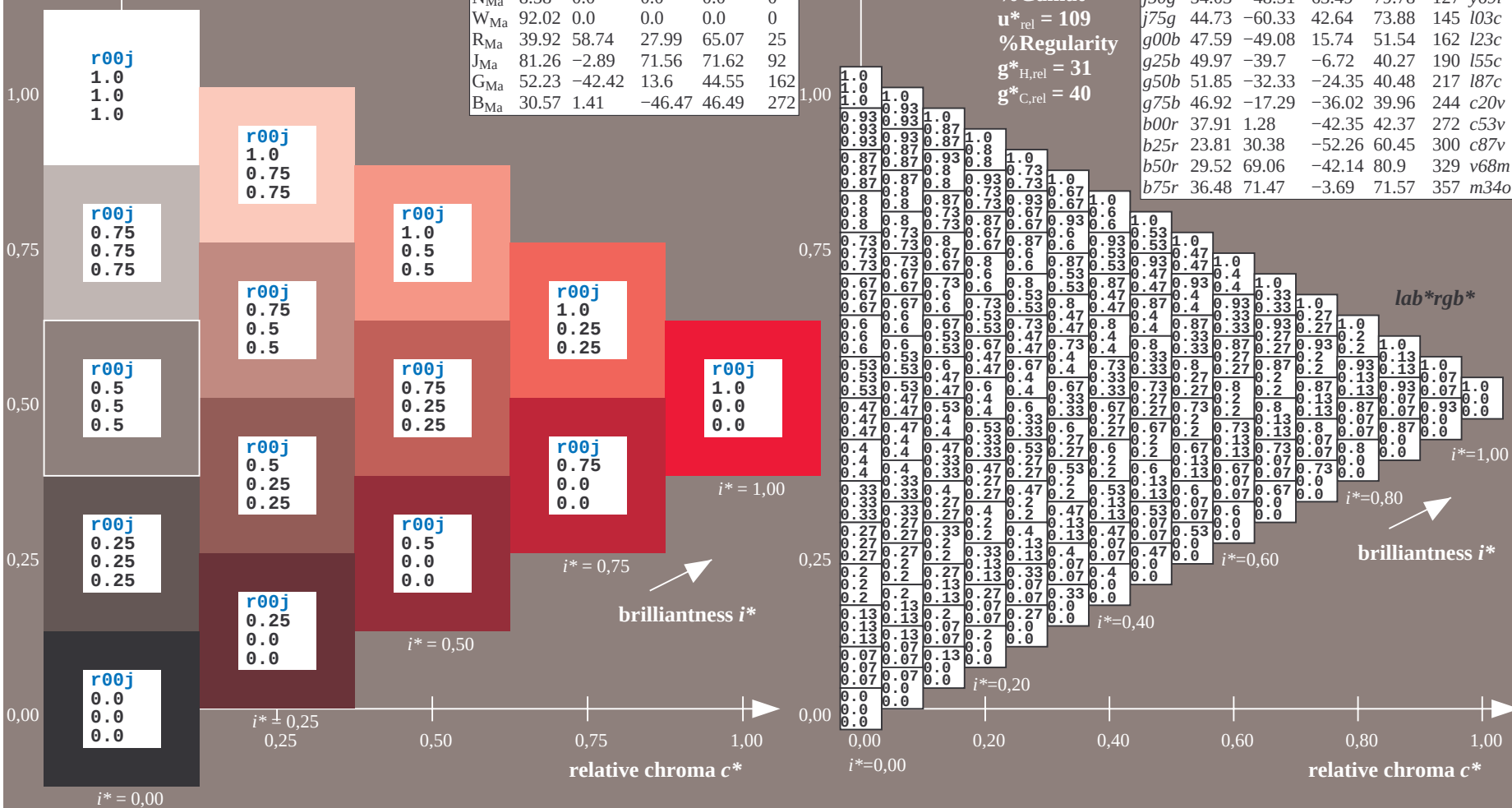
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$

data for any colour:

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

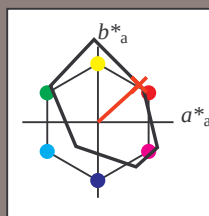
Hue texts:

$u^*_e = r25j$ $u^*_d = o10y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 55 49

$LAB^*LCH^*_{Ma}$: 39 74 42

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

$lab^*olv^*_{Ma}$: 1.0 0.11 0.0

triangle lightness t^*

%Gamut

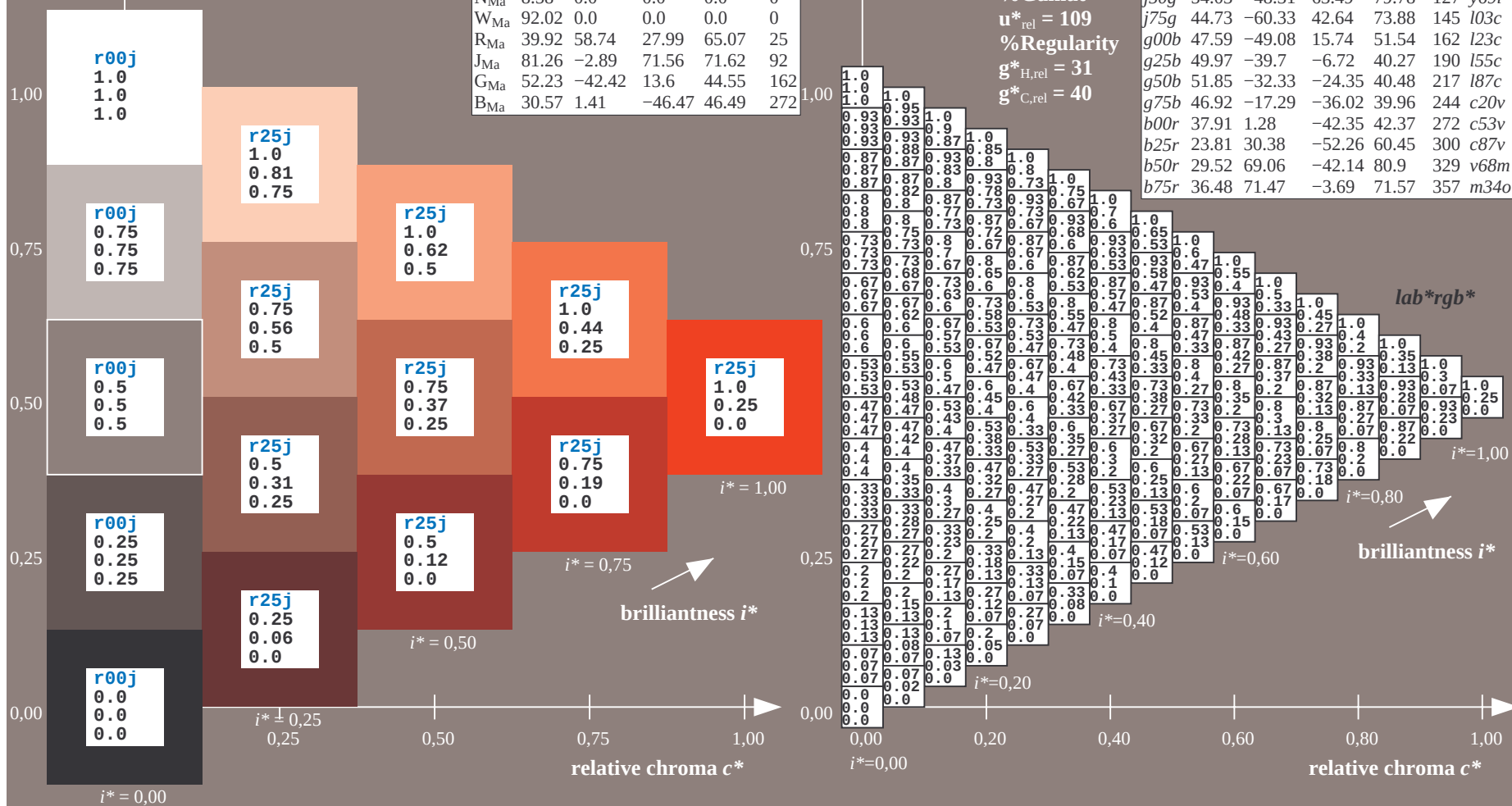
$u^*_{rel} = 109$

%Regularity

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

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

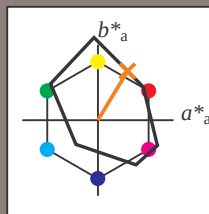
FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_e = r50j$ $u^*_d = o40y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 39 65

$LAB^*LCH^*_{Ma}$: 51 76 58

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

$lab^*olv^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

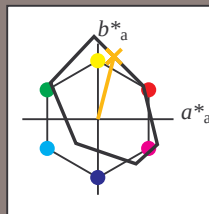
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r75j$ $u^*_d = o69y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 21 83

$LAB^*LCH^*_{Ma}$: 64 86 75

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

$lab^*olv^*_{Ma}$: 1.0 0.7 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

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_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

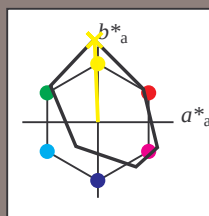
Hue texts:

$u^*_e = j00g$ $u^*_d = o98y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -4 109

$LAB^*LCH^*_{Ma}$: 83 109 92

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

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

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$ data for any colour: **Data for maximum colour (Ma):**

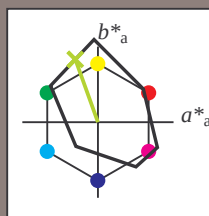
$u^*_e = j25g$
 lab^*rqb^*

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

Hue texts:

$$u^*_e = j25q \quad u^*_d = y34l$$

contrast reduction factor:

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Q _{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
R _{Ma}	39.92	58.74		27.99	65.07	25
J _{Ma}	81.26	-2.89		71.56	71.62	92
G _{Ma}	52.23	-42.42		13.6	44.55	162
B _{Ma}	30.57	1.41		-46.47	46.49	272

Data for maximum colour (Ma):

LAB*LAB*_{Ma}: 67 -30 83

LAB*LCH*M₃: 67 88 109

 $lab*rgb*_M3: 0.75 \ 1.0 \ 0.0$

*lab*oly*_M3*: 0.66 1.0 0.0

triangle lightness t^*

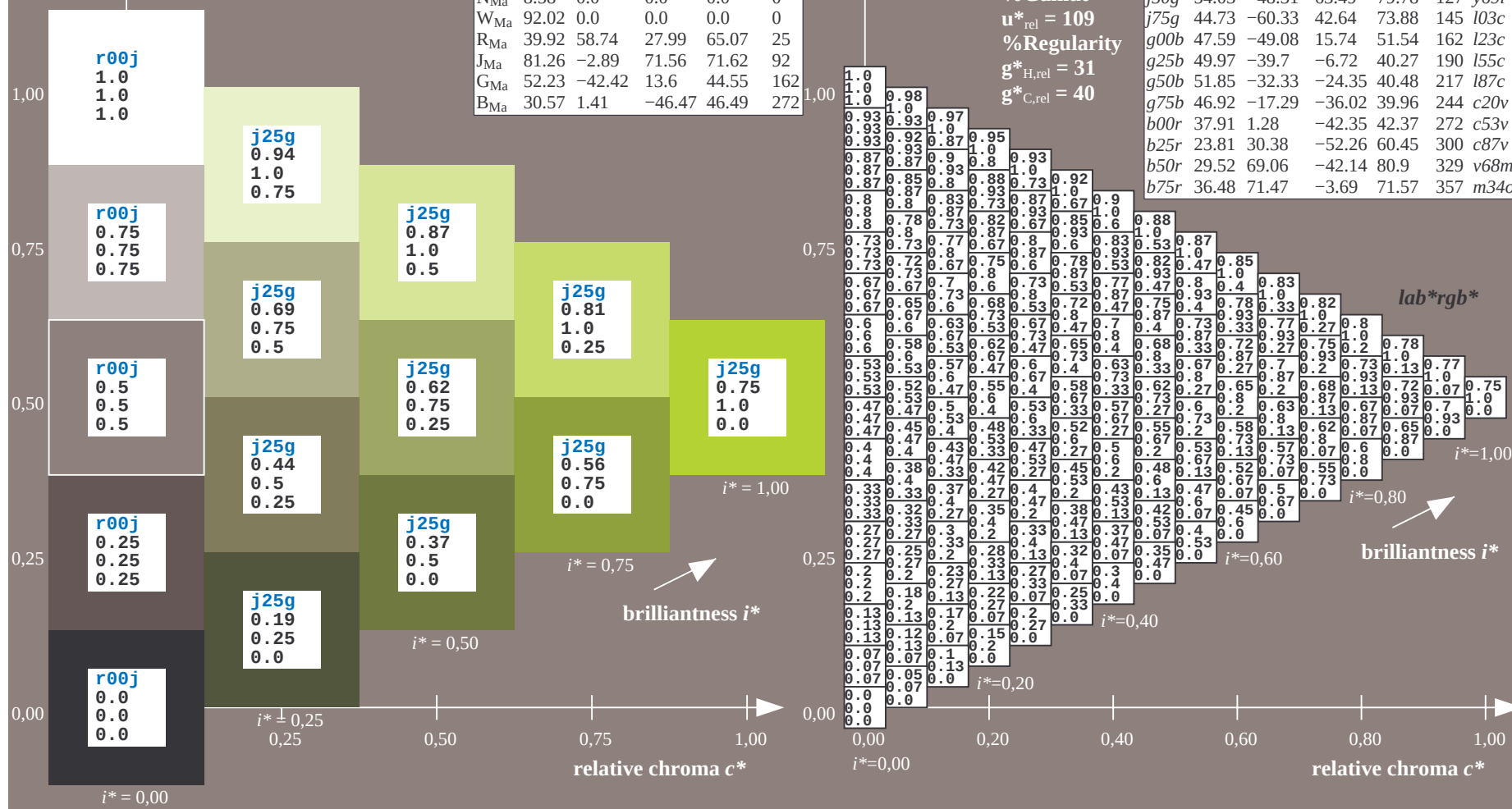
%Gamut

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

%Regularity

$$g_{H,rel}^* = 31$$
$$g^*_{C,rel} = 40$$

FRS09_92a; adapted (a) CIELAB data							
u_e	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d	
<i>r00j</i>	35.47	63.32	30.17	70.15	25	<i>m81</i>	
<i>r25j</i>	39.12	54.56	49.45	73.64	42	<i>o10y</i>	
<i>r50j</i>	50.64	39.15	64.89	75.79	59	<i>o40y</i>	
<i>r75j</i>	64.01	21.26	82.83	85.52	76	<i>o69y</i>	
<i>j00g</i>	83.18	-4.38	108.53	108.62	92	<i>o98y</i>	
<i>j25g</i>	66.73	-29.89	83.06	88.28	110	<i>y34l</i>	
<i>j50g</i>	54.03	-48.31	63.49	79.78	127	<i>y69l</i>	
<i>j75g</i>	44.73	-60.33	42.64	73.88	145	<i>l03c</i>	
<i>g00b</i>	47.59	-49.08	15.74	51.54	162	<i>l23c</i>	
<i>g25b</i>	49.97	-39.7	-6.72	40.27	190	<i>l55c</i>	
<i>g50b</i>	51.85	-32.33	-24.35	40.48	217	<i>l87c</i>	
<i>g75b</i>	46.92	-17.29	-36.02	39.96	244	<i>c20v</i>	
<i>b00r</i>	37.91	1.28	-42.35	42.37	272	<i>c53v</i>	
<i>b25r</i>	23.81	30.38	-52.26	60.45	300	<i>c87v</i>	
<i>b50r</i>	29.52	69.06	-42.14	80.9	329	<i>v68m</i>	
<i>b75r</i>	36.48	71.47	-3.69	71.57	357	<i>m34c</i>	



BAM-test chart Ee36; Colorimetric systems, Page 61/198
D65: colour scales and 9 data tables for 16 hues $r00j$ to $b75r$

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

BAM registration: 20081001-Ee36/10/L36E00NA.PS/.TXT BAM material: code=rha4ta
+ application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

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

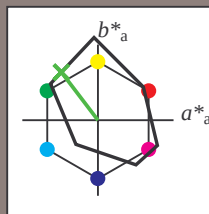
Hue texts:

$u^*_e = j50g$ $u^*_d = y69l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -48 63

$LAB^*LCH^*_{Ma}$: 54 80 127

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

$lab^*olv^*_{Ma}$: 0.3 1.0 0.0

triangle lightness t^*

% Gamut

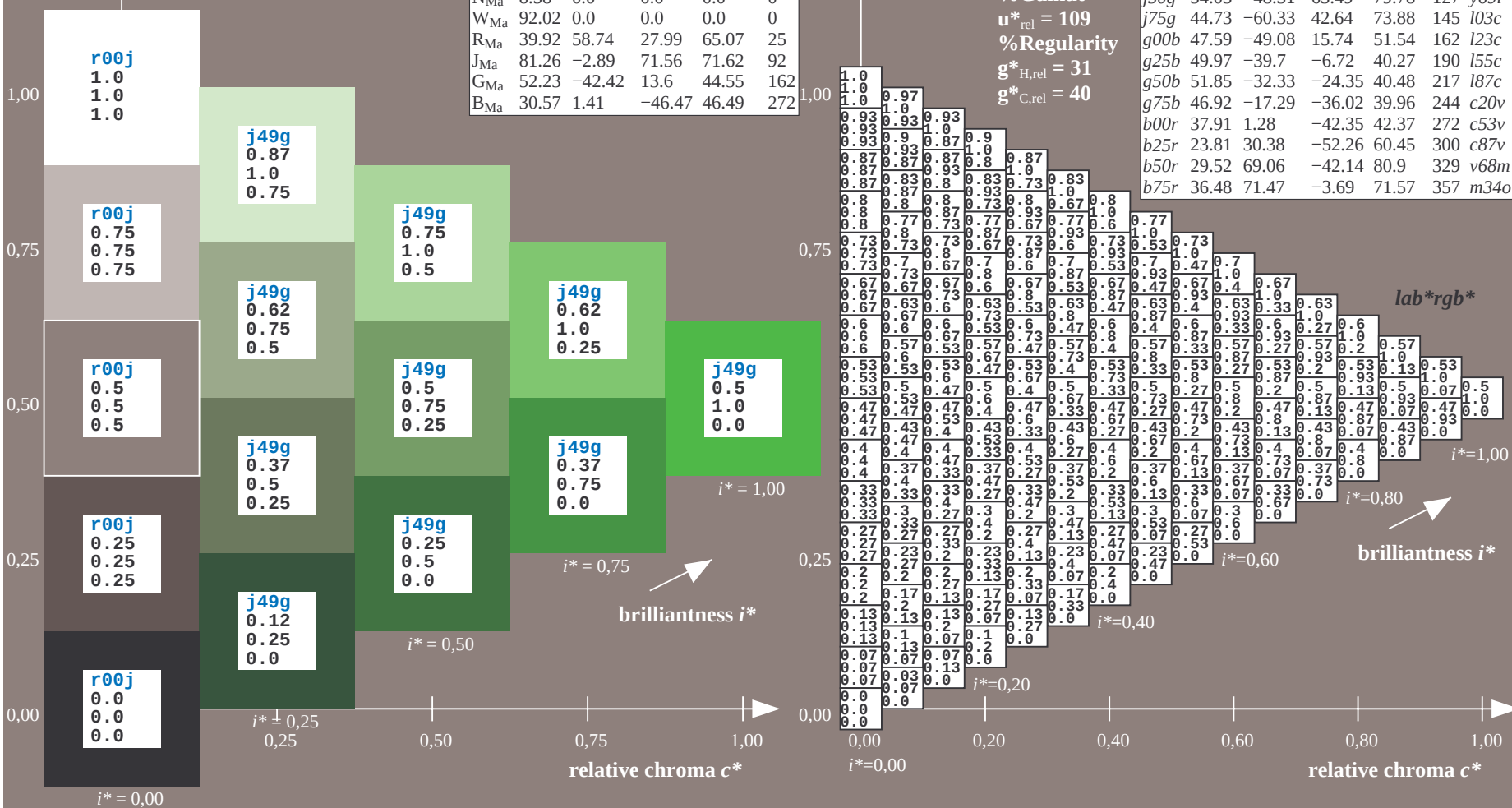
$u^*_{rel} = 109$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

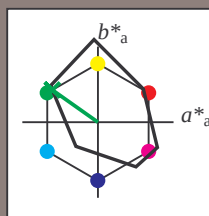
Hue texts:

$u^*_e = j75g$ $u^*_d = i03c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -60 43

$LAB^*LCH^*_{Ma}$: 45 74 144

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.03

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

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_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:

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

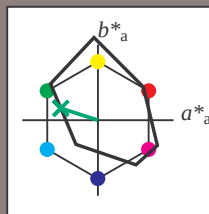
Hue texts:

$u^*_e = g00b$ $u^*_d = l23c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -49 16

$LAB^*LCH^*_{Ma}$: 48 52 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.23

triangle lightness t^*

%Gamut

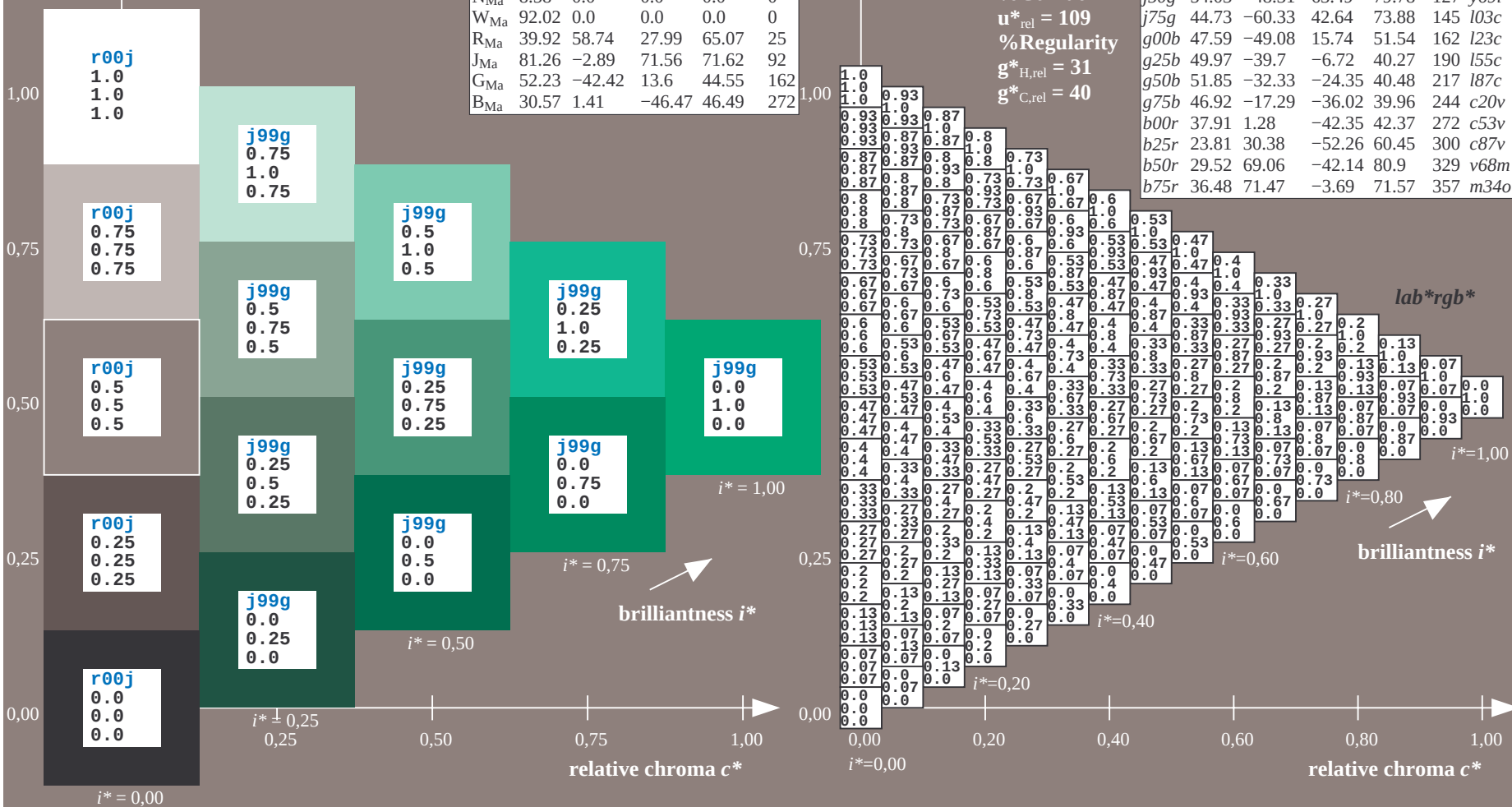
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

data for any colour:

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

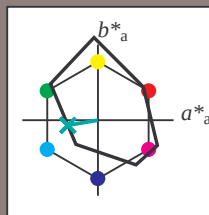
Hue texts:

$u^*_e = g25b$ $u^*_d = l55c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -40 -7

$LAB^*LCH^*_{Ma}$: 50 40 189

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.55

triangle lightness t^*

%Gamut

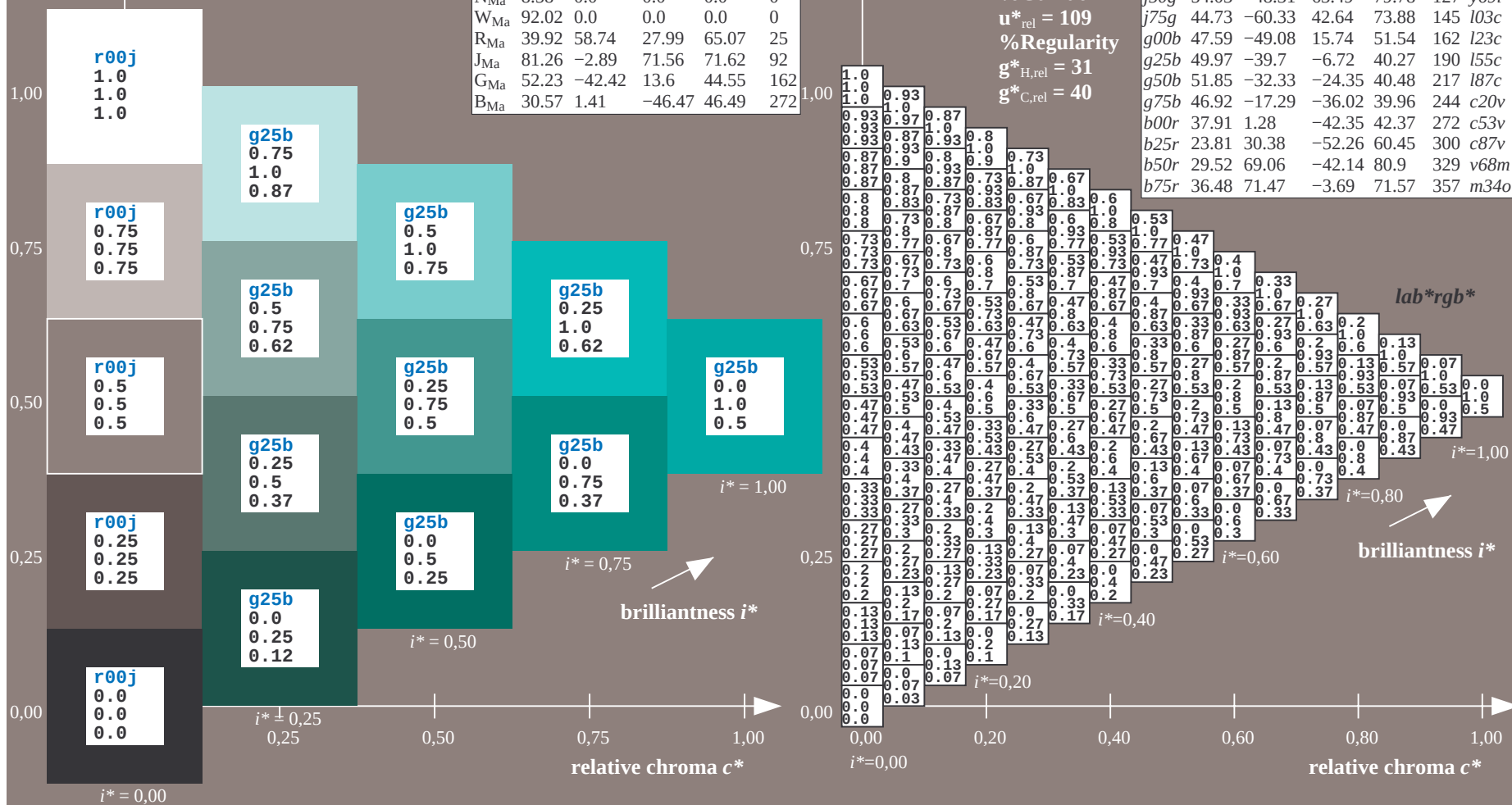
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.603$

data for any colour:

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

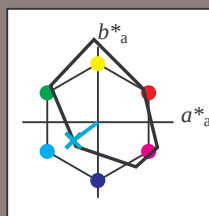
Hue texts:

$u^*_e = g50b$ $u^*_d = l87c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 52 -32 -24

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 52 40 216

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 0.0 1.0 0.87

triangle lightness t^*

%Gamut

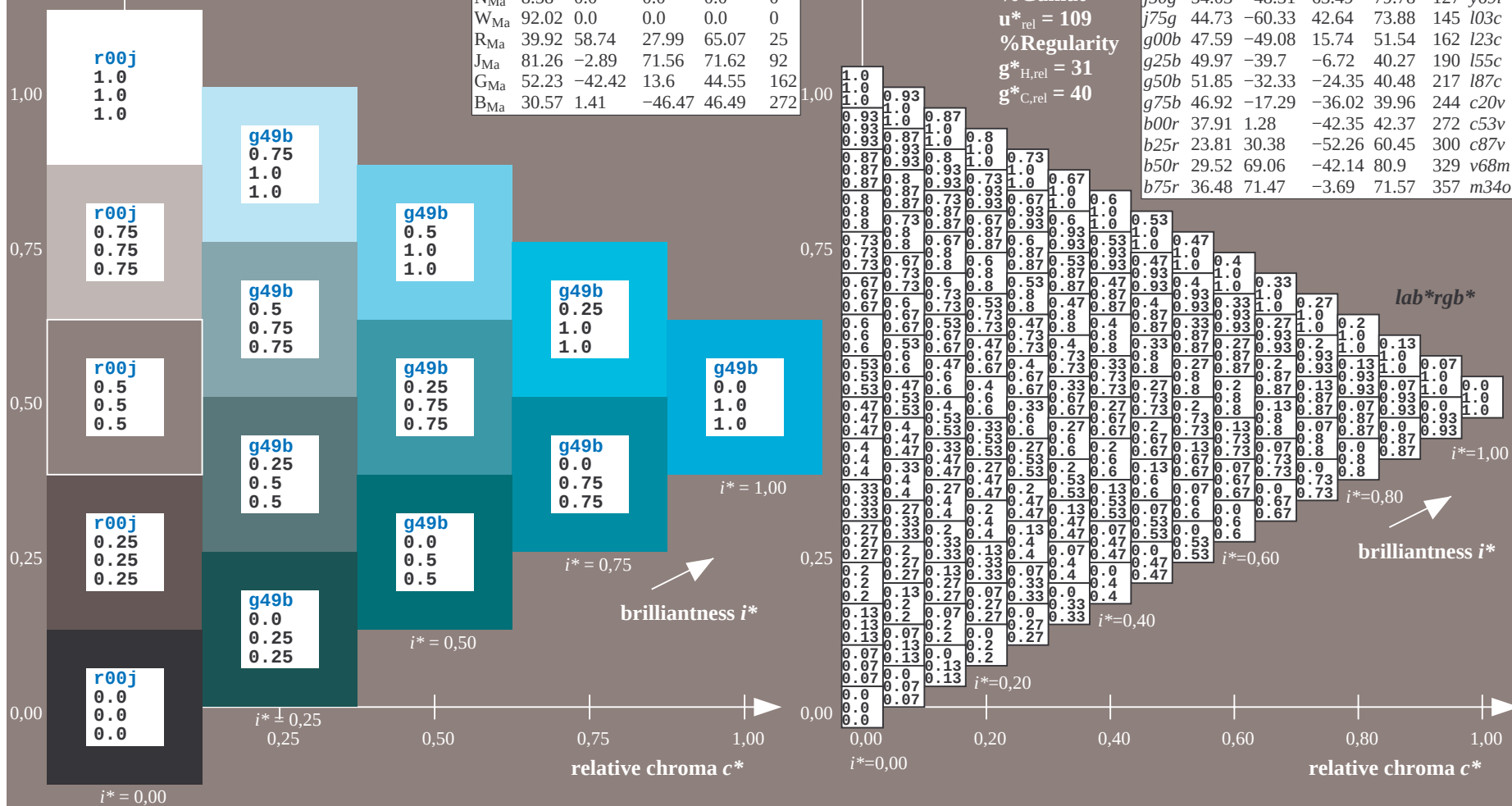
$u^*_{\text{rel}} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

data for any colour:

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

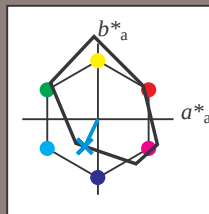
Hue texts:

$u^*_e = g75b$ $u^*_d = c20v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -17 -36

$LAB^*LCH^*_{Ma}$: 47 40 244

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

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

triangle lightness t^*

% Gamut

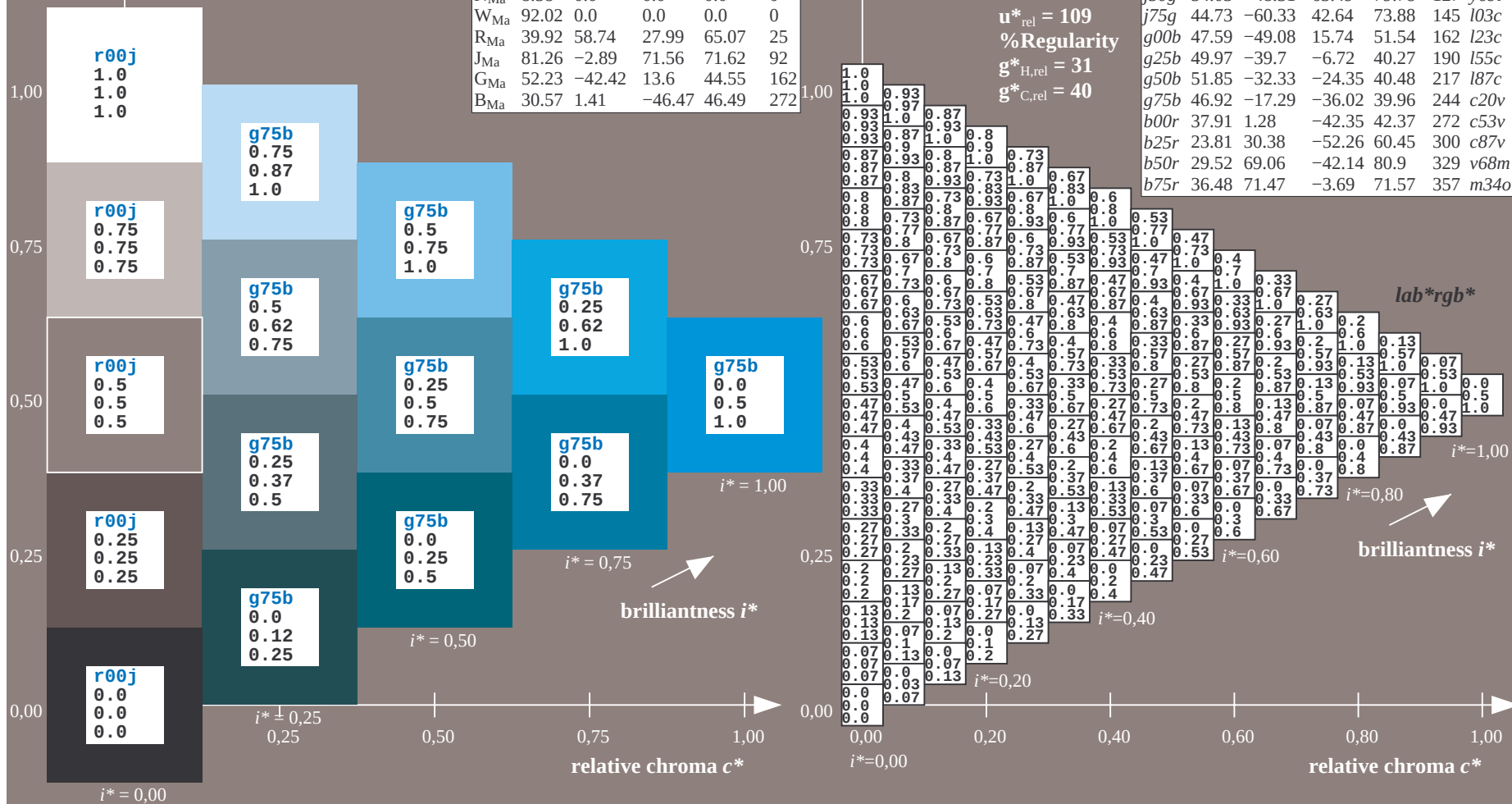
$u^*_{rel} = 109$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

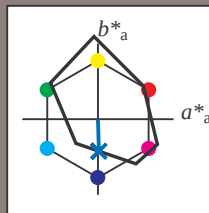
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -42

$LAB^*LCH^*_{Ma}$: 38 42 271

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

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

%Gamut

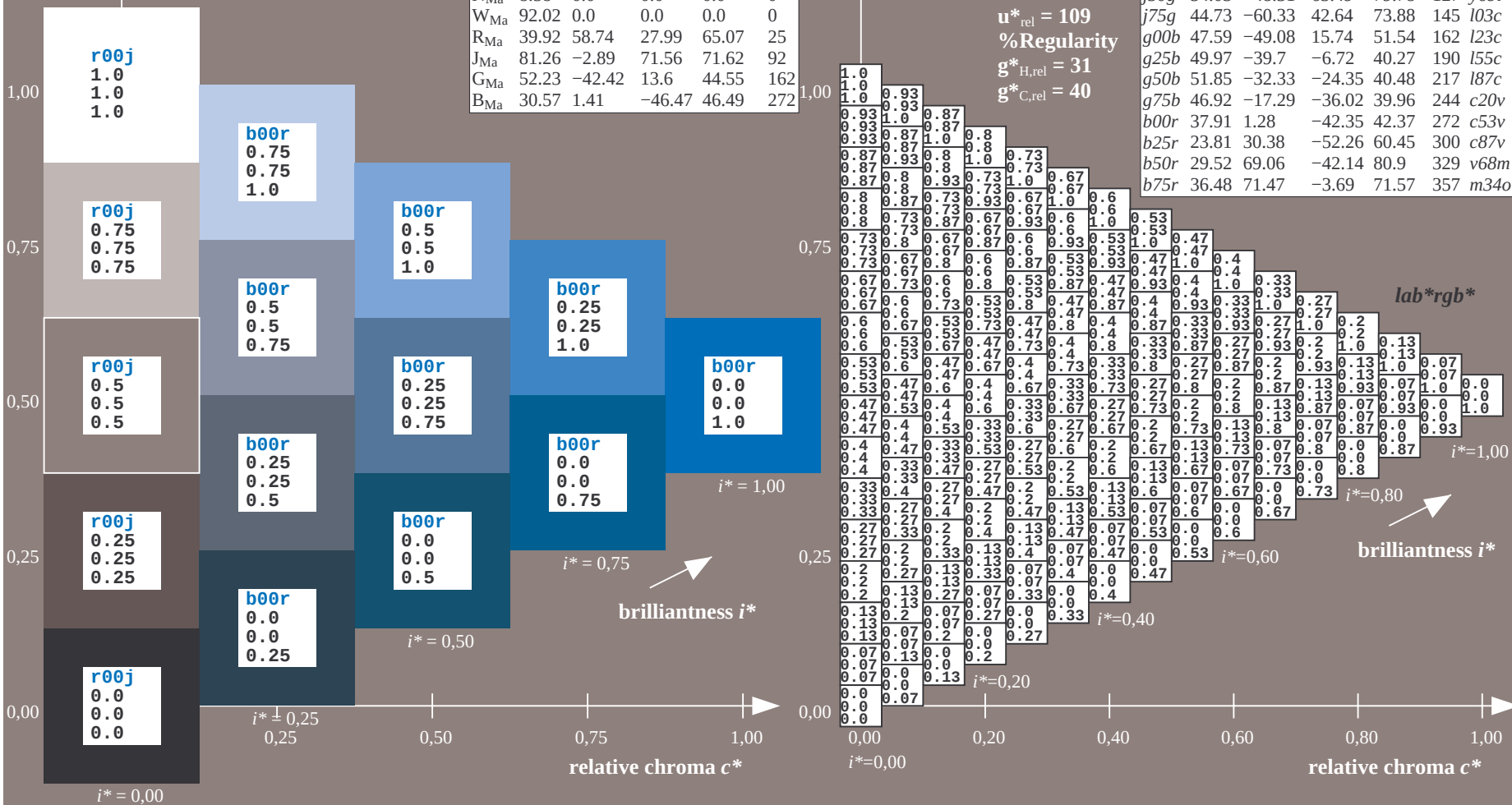
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

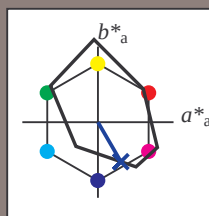
Hue texts:

$u^*_e = b25r$ $u^*_d = c87v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 30 -52

$LAB^*LCH^*_{Ma}$: 24 60 300

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

$lab^*olv^*_{Ma}$: 0.0 0.12 1.0

triangle lightness t^*

%Gamut

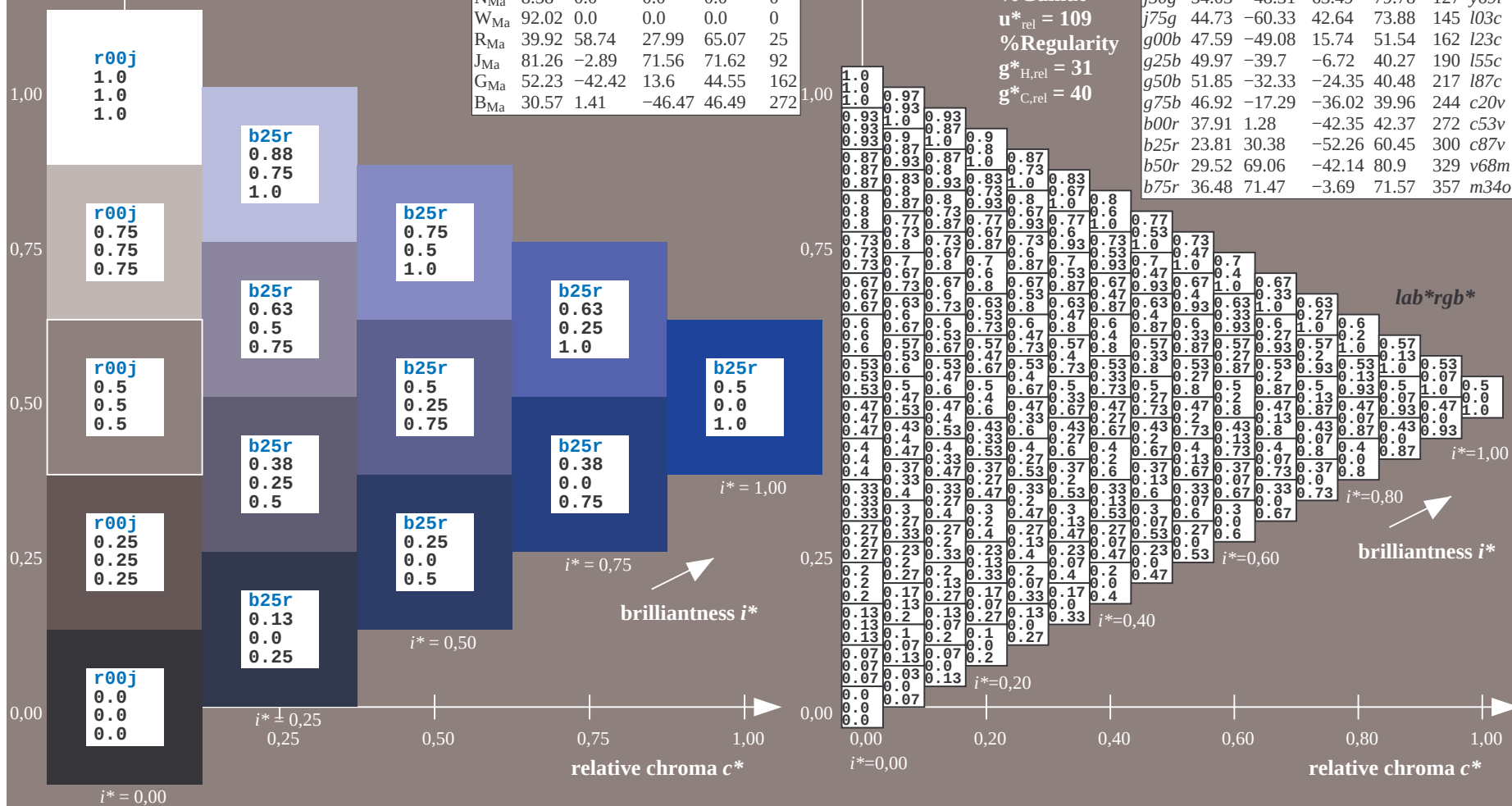
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



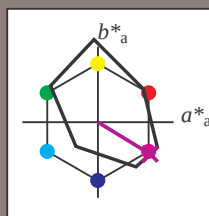
Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.913$
data for any colour: Data for maximum colour (Ma):

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

Hue texts:

$$u^*_e = b50r \quad u^*_d = v68m$$

contrast reduction factor:

 $c_D = 1.0$ triangle lightness t^* 

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Q _{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
R _{Ma}	39.92	58.74		27.99	65.07	25
J _{Ma}	81.26	-2.89		71.56	71.62	92
G _{Ma}	52.23	-42.42		13.6	44.95	162
B _{Ma}	30.57	1.41		-46.47	46.49	272

Data for maximum colour (Ma):

LAB*LAB*_{Ma}: 30 69 -42

LAB*LCH*M₃: 30 81 328

$$lab*rag*M_2: 1.0 \quad 0.0 \quad 1.0$$

*lab*oly**_{M2}: 0.69 0.0 1.0

triangle lightness t^*

3 3 0

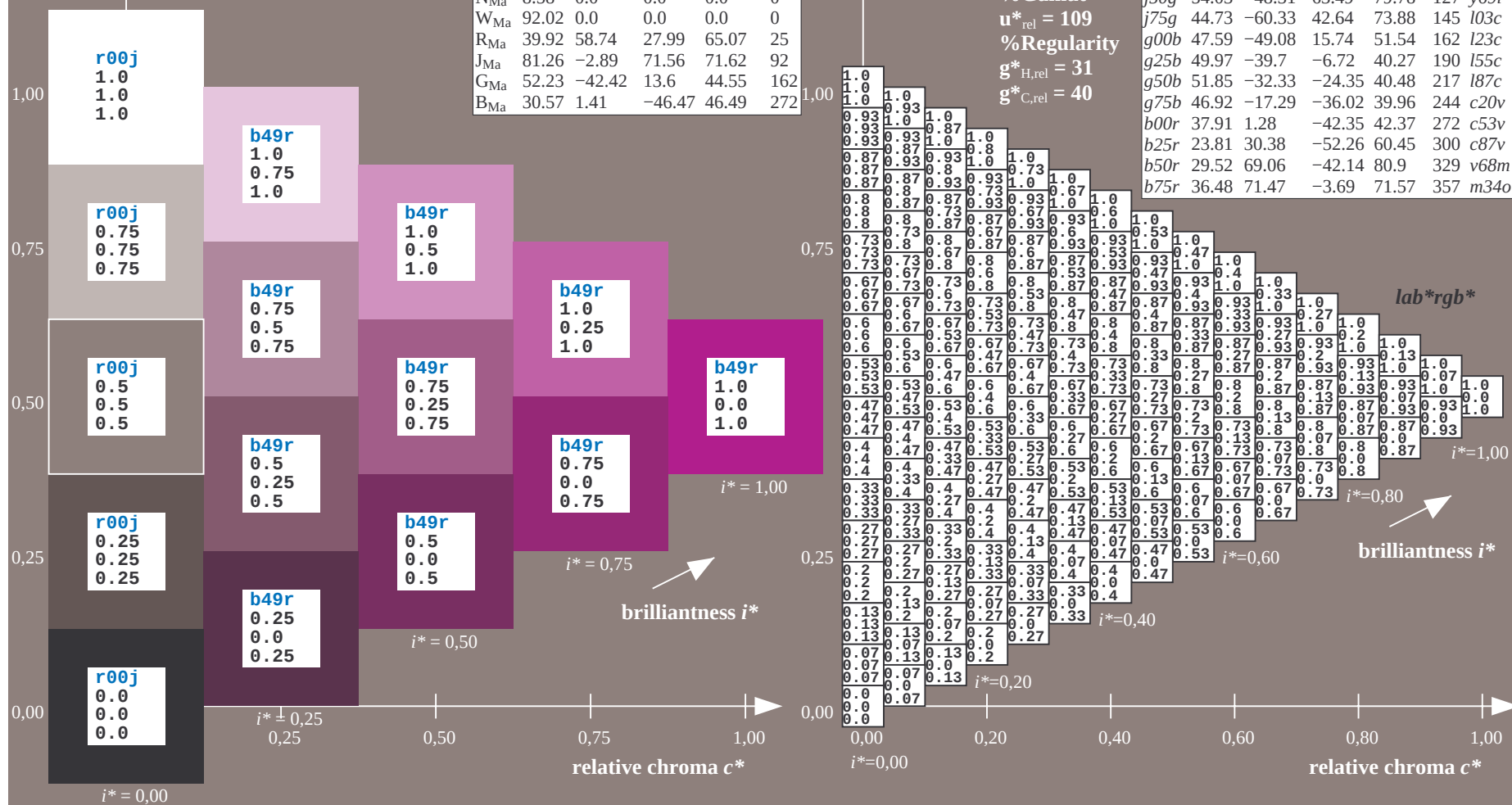
%Gamut

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

%Regularity

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

FRS09_92a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*	
<i>r00j</i>	35.47	63.32	30.17	70.15	25	<i>m81o</i>	
<i>r25j</i>	39.12	54.56	49.45	73.64	42	<i>o10y</i>	
<i>r50j</i>	50.64	39.15	64.89	75.79	59	<i>o40y</i>	
<i>r75j</i>	64.01	21.26	82.83	85.52	76	<i>o69y</i>	
<i>j00g</i>	83.18	-4.38	108.53	108.62	92	<i>o98y</i>	
<i>j25g</i>	66.73	-29.89	83.06	88.28	110	<i>y34l</i>	
<i>j50g</i>	54.03	-48.31	63.49	79.78	127	<i>y69l</i>	
<i>j75g</i>	44.73	-60.33	42.64	73.88	145	<i>l03c</i>	
<i>g00b</i>	47.59	-49.08	15.74	51.54	162	<i>l23c</i>	
<i>g25b</i>	49.97	-39.7	-6.72	40.27	190	<i>l55c</i>	
<i>g50b</i>	51.85	-32.33	-24.35	40.48	217	<i>l87c</i>	
<i>g75b</i>	46.92	-17.29	-36.02	39.96	244	<i>c20v</i>	
<i>b00r</i>	37.91	1.28	-42.35	42.37	272	<i>c53v</i>	
<i>b25r</i>	23.81	30.38	-52.26	60.45	300	<i>c87v</i>	
<i>b50r</i>	29.52	69.06	-42.14	80.9	329	<i>v68m</i>	
<i>b75r</i>	36.48	71.47	-3.69	71.57	357	<i>m34o</i>	

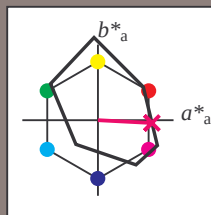


BAM-test chart Ee36; Colorimetric systems, Page 70/198
D65: colour scales and 9 data tables for 16 hues $r00j$ to $b75r$

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

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b75r$ $u^*_d = m34o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 71 -4

$LAB^*LCH^*_{Ma}$: 36 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.66

triangle lightness t^*

%Gamut

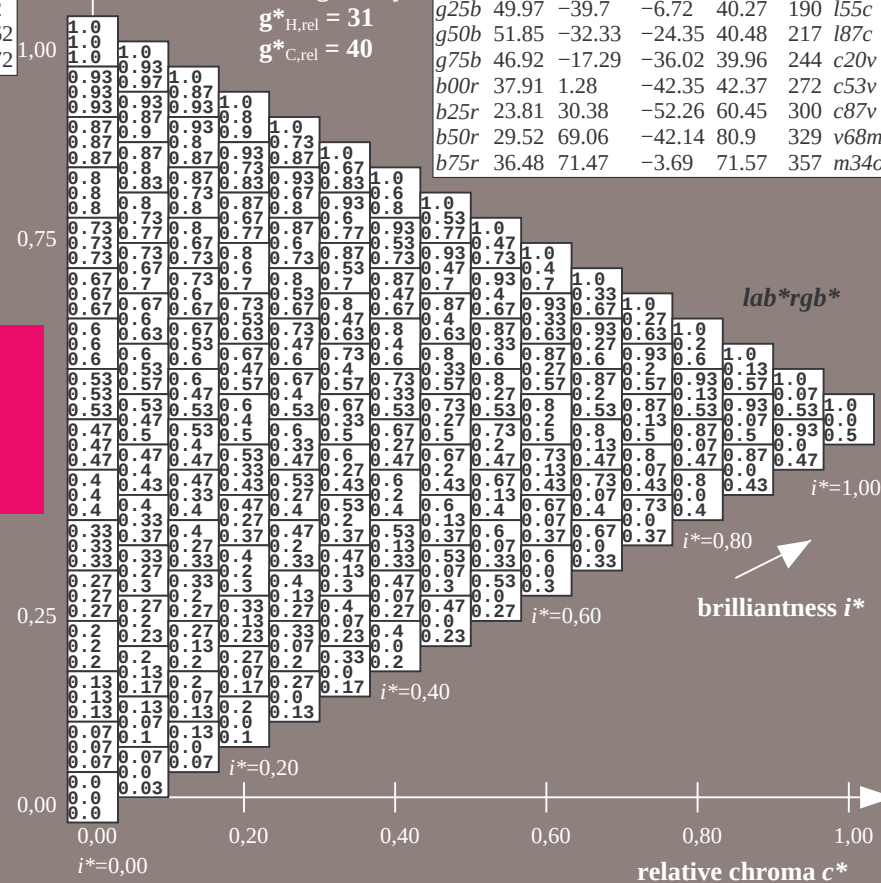
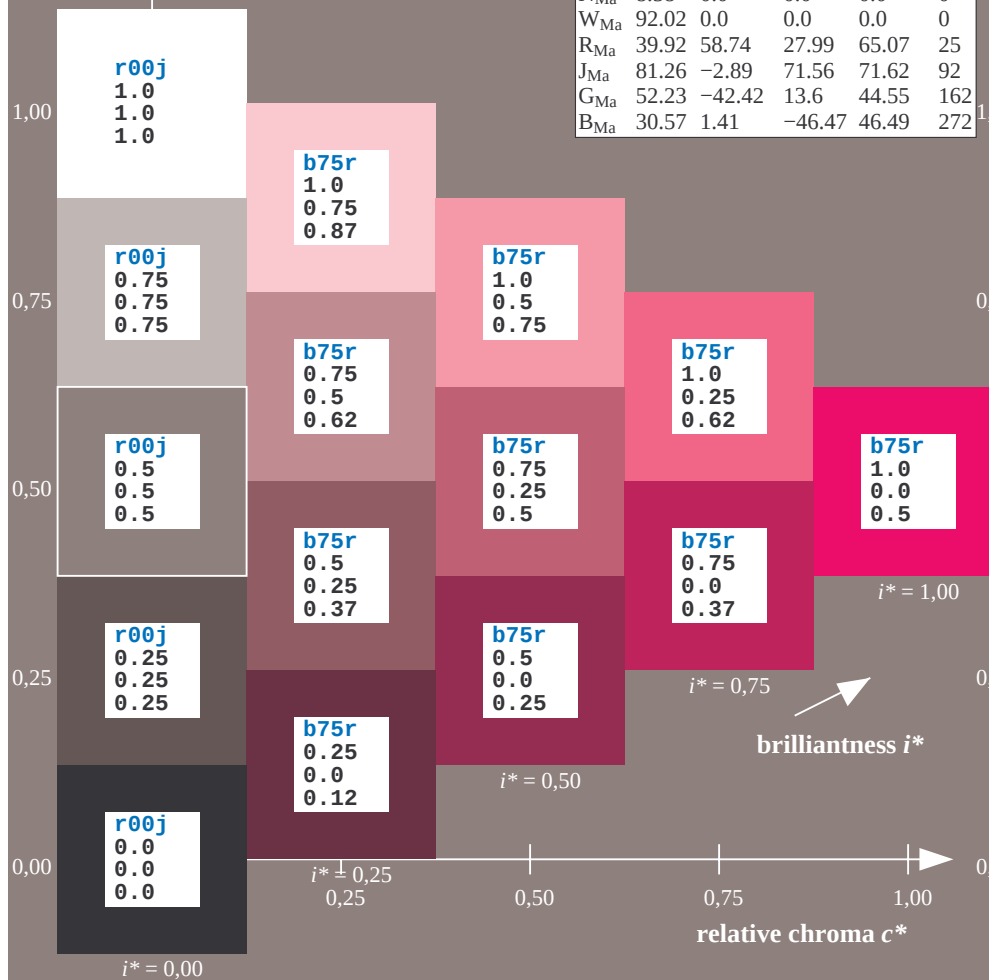
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



BAM-test chart Ee36; Colorimetric systems, Page 72/198
D65: colour scales and 9 data tables for 16 hues $r00j$ to $b7$

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

BAM registration: 20081001-Ee36/10L/L36E00NA.PS/.TXT 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/Ee36/>; www.ps.bam.de/Ee.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

[illegible]

Input and output:

Colorimetric Printer Reflective System FRS09_92a
data for any colour:

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

elementary hue text:

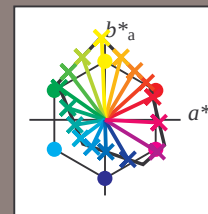
$u^*_e = 16$ hues $r00j$, $r25j$, ..., $b75r$

contrast reduction factor:

$$c_R = 1.0$$

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Gamut

$u^*_{rel} = 109$

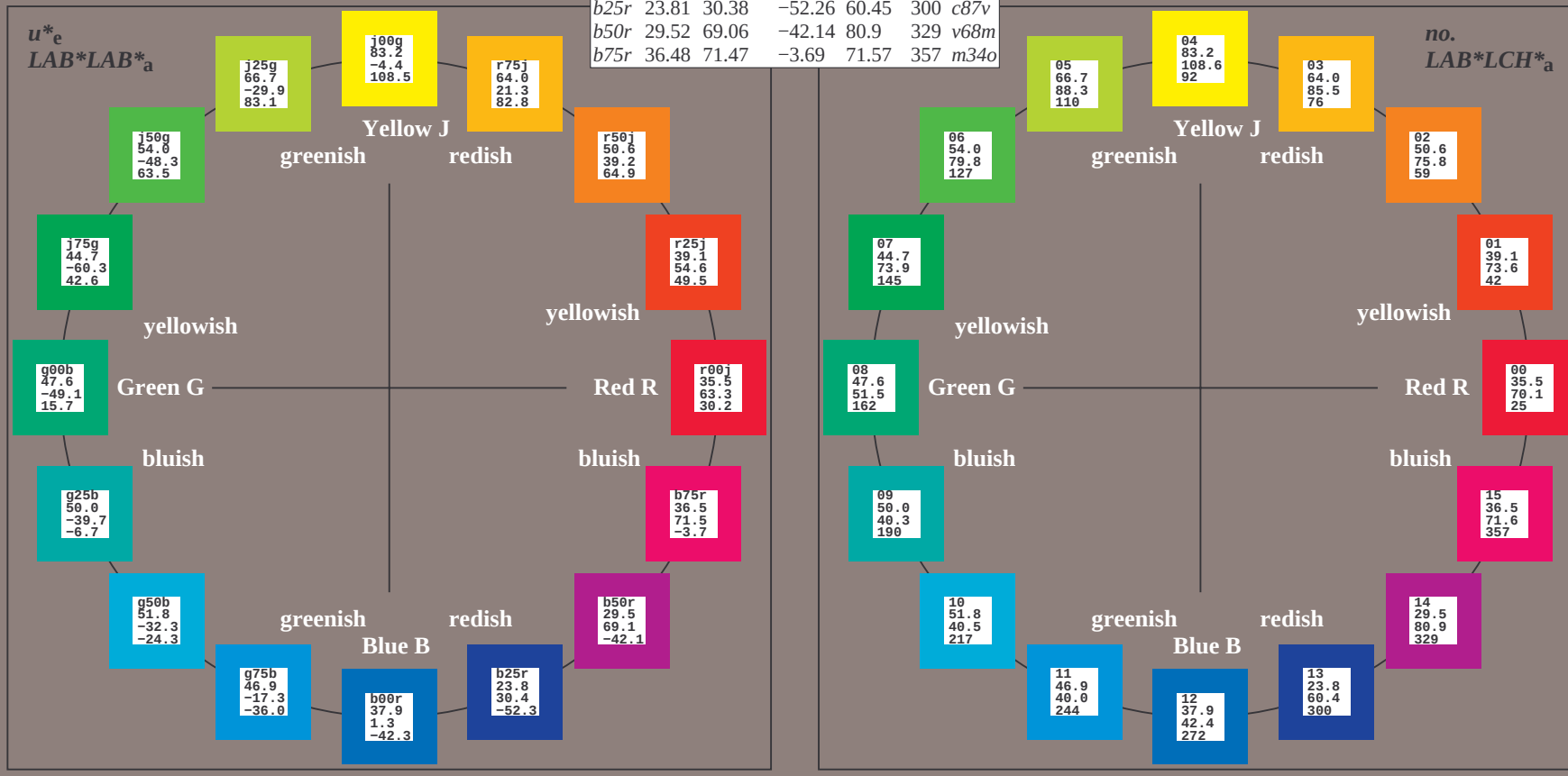
%Regularity

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

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

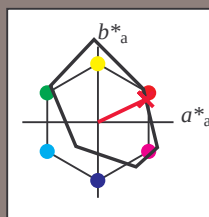
FRS09_92a; adapted (a) CIELAB data

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
R_{CIE}	39.92	58.74	27.99	65.07	92
J_{CIE}	81.26	-2.89	71.56	71.62	95
G_{CIE}	52.23	-42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r00j$ $u^*_d = m81o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 63 30

$LAB^*LCH^*_{Ma}$: 35 70 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut

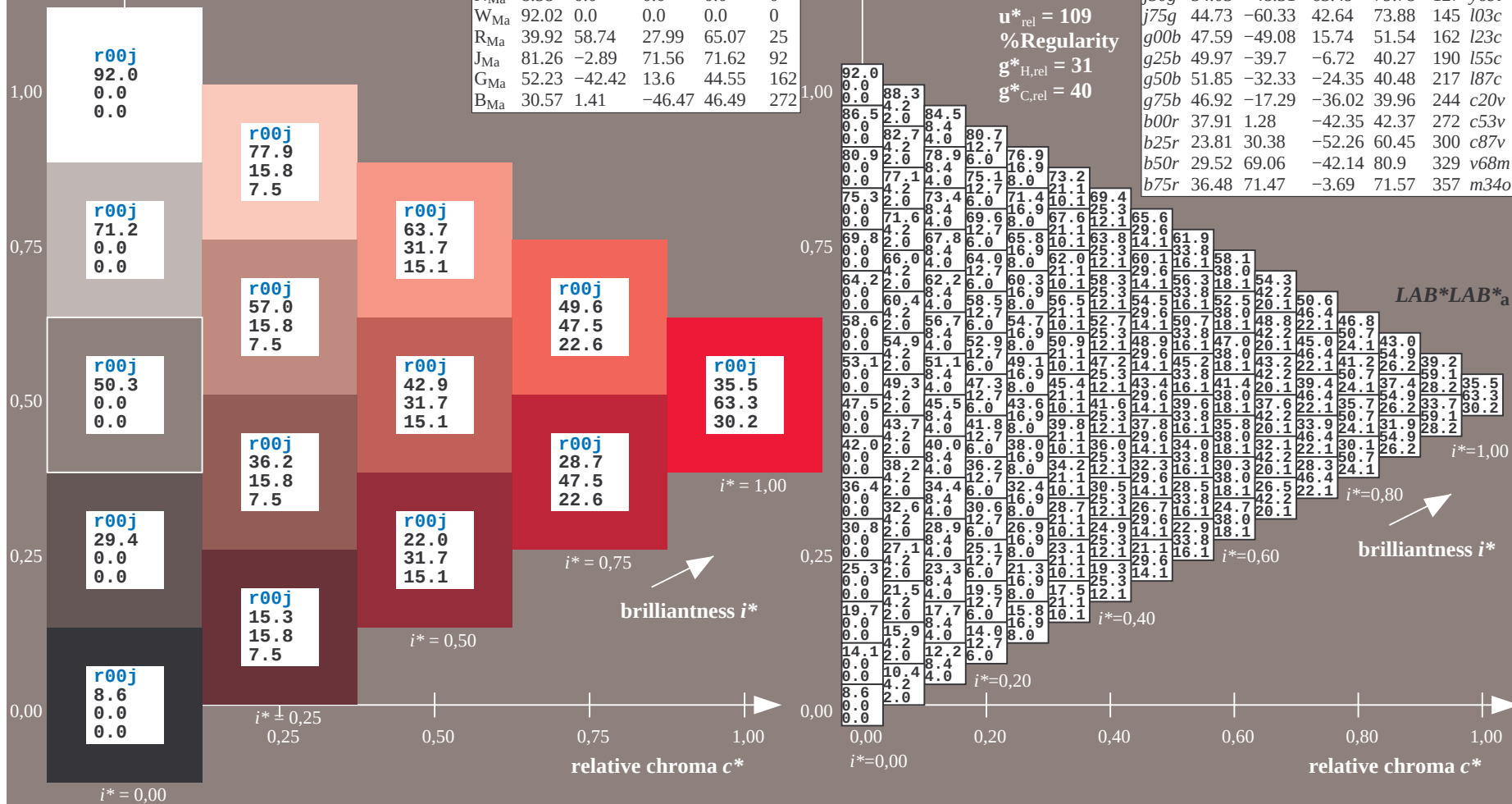
$u^*_{rel} = 109$

%Regularity

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

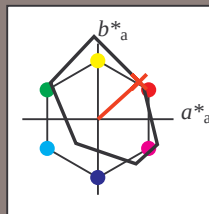
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r25j$ $u^*_d = o10y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 55 49

$LAB^*LCH^*_{Ma}$: 39 74 42

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

$lab^*olv^*_{Ma}$: 1.0 0.11 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = r25j$
 $LAB^*LAB^*_a$

$LAB^*LAB^*_a$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

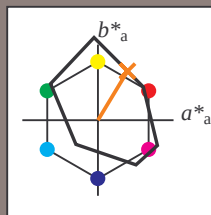
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r50j$ $u^*_d = o40y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 39 65

$LAB^*LCH^*_{Ma}$: 51 76 58

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

$lab^*olv^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

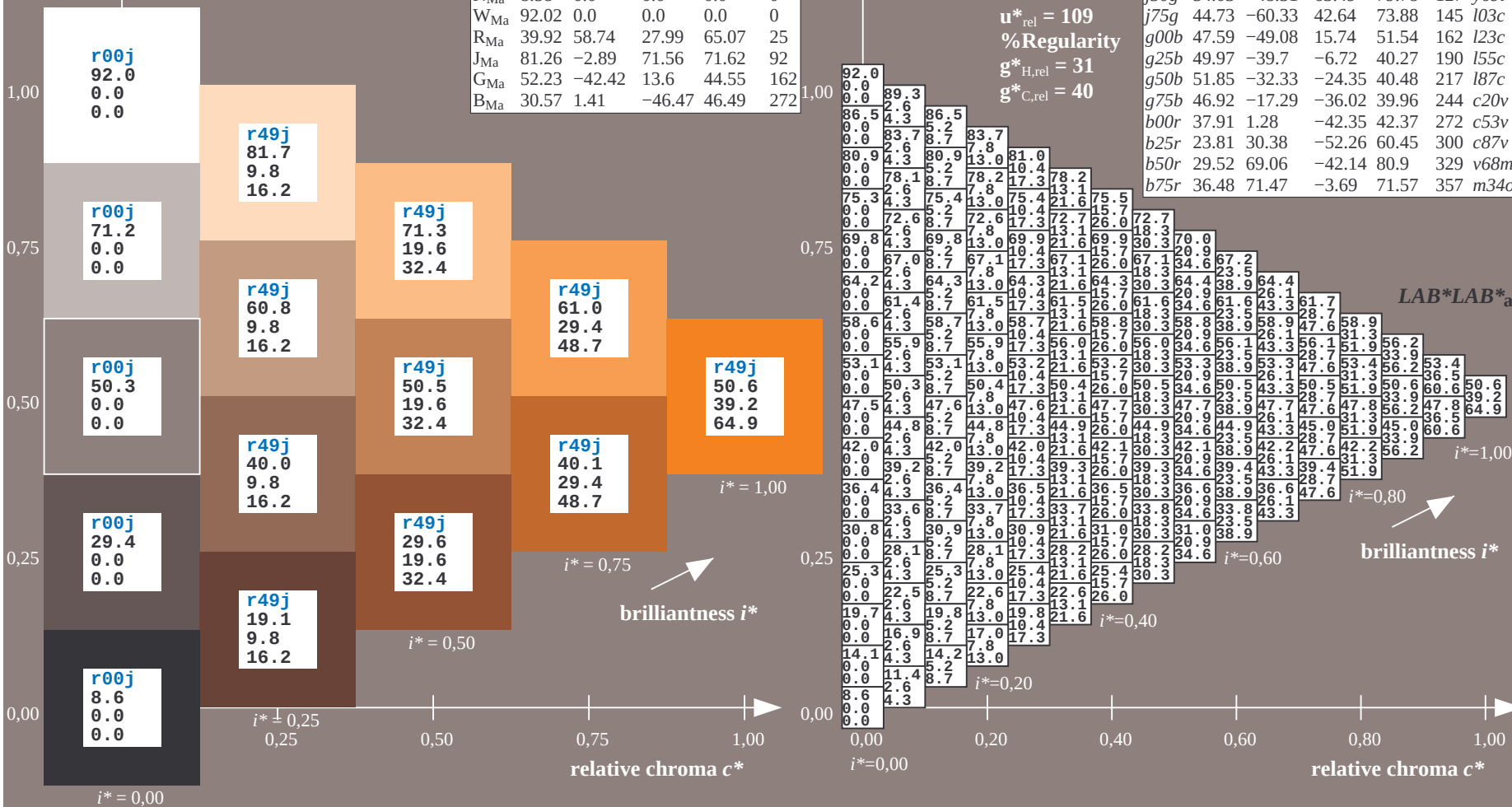
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
data for any colour:

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

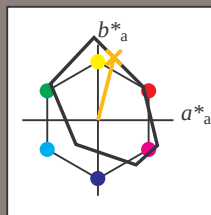
Hue texts:

$u^*_e = r75j$ $u^*_d = o69y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 21 83

$LAB^*LCH^*_{Ma}$: 64 86 75

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

$lab^*olv^*_{Ma}$: 1.0 0.7 0.0

triangle lightness t^*

%Gamut

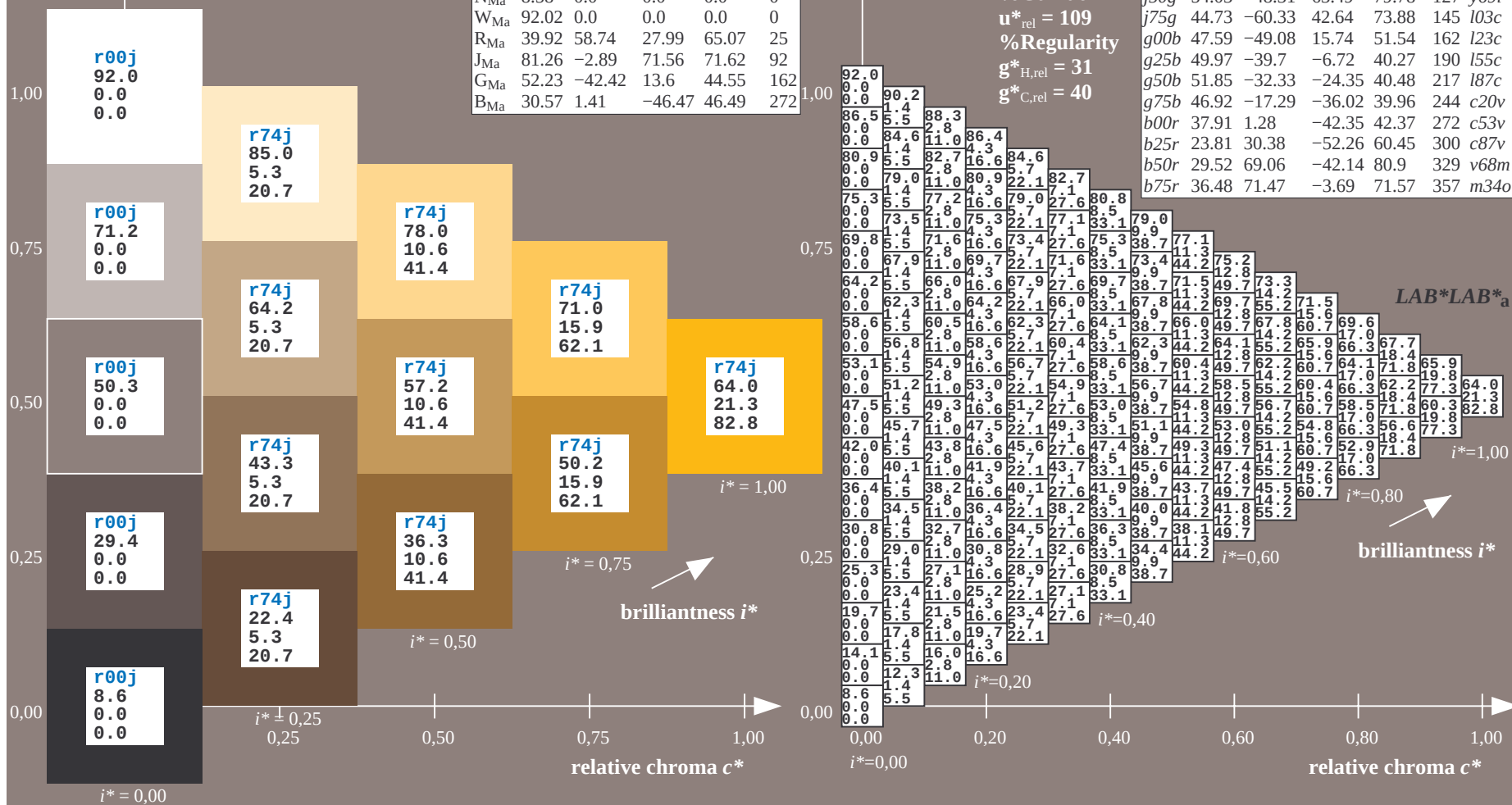
$u^*_{rel} = 109$

%Regularity

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

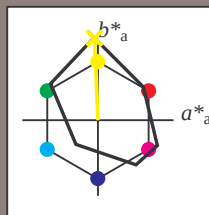
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d		
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.256$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j00g$ $u^*_d = o98y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 83 -4 109

$\text{LAB}^*\text{LCH}^*_{Ma}$: 83 109 92

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

$\text{lab}^*\text{olv}^*_{Ma}$: 1.0 0.99 0.0

triangle lightness t^*

%Gamut

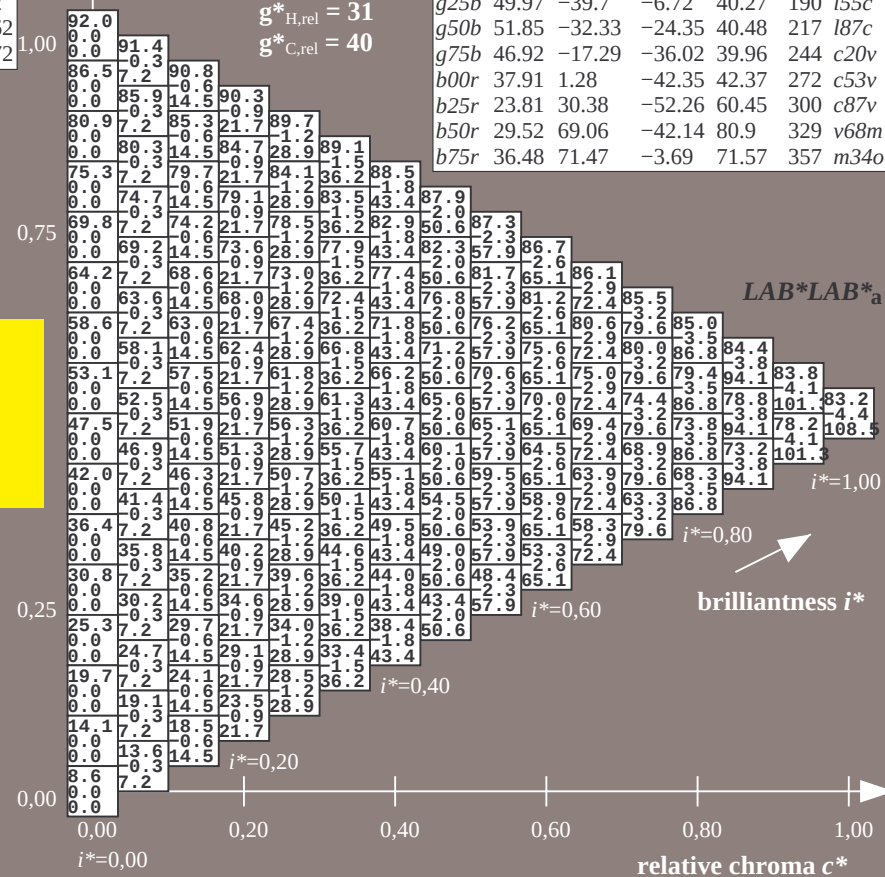
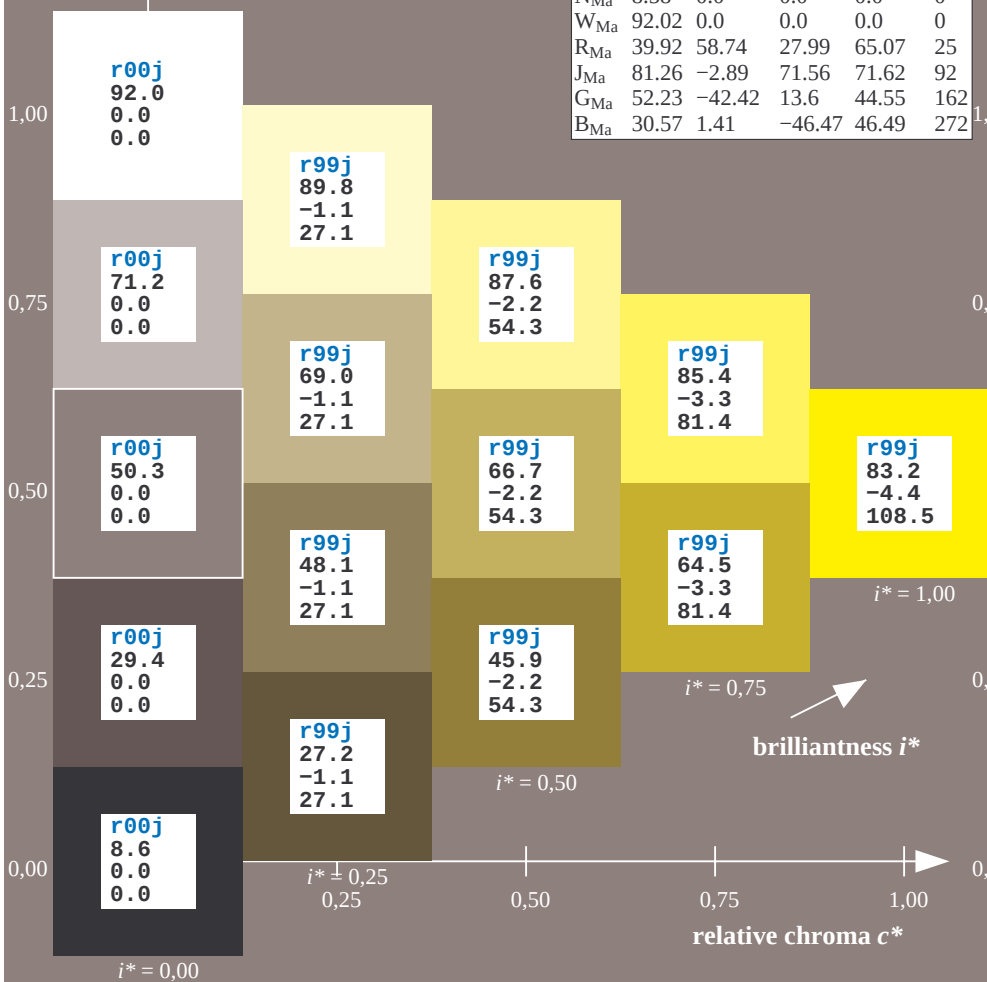
$u^*_{rel} = 109$

%Regularity

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

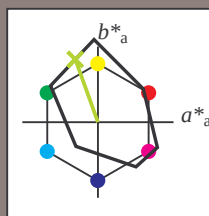
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d		
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j25g$ $u^*_d = y34l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -30 83

$LAB^*LCH^*_{Ma}$: 67 88 109

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

$lab^*olv^*_{Ma}$: 0.66 1.0 0.0

triangle lightness t^*

%Gamut

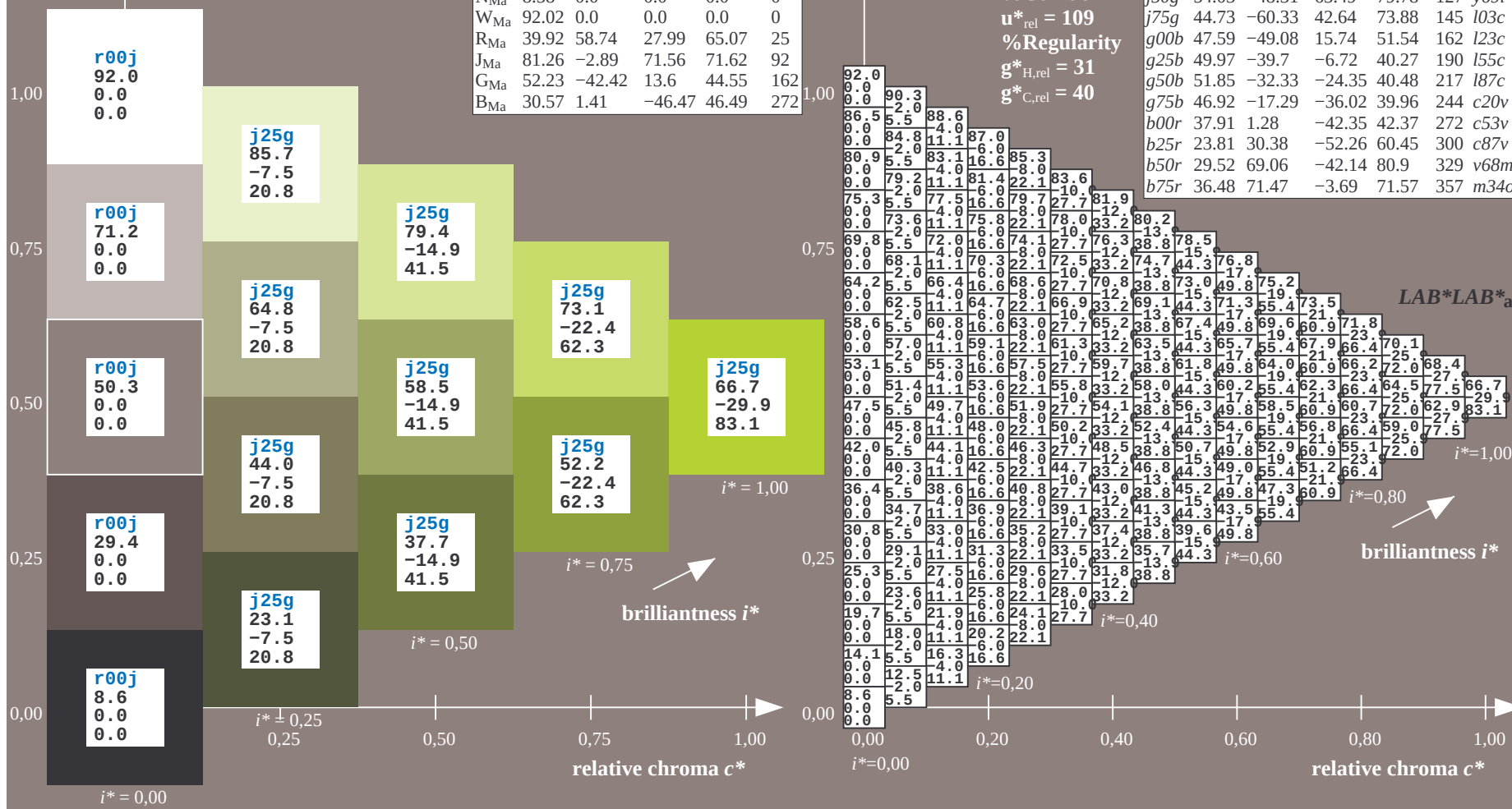
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.354$

data for any colour:

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

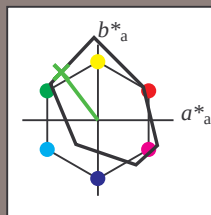
Hue texts:

$u^*_e = j50g$ $u^*_d = y69l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 54 -48 63

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 54 80 127

$\text{lab}^*\text{rgb}^*_{\text{Ma}}$: 0.5 1.0 0.0

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 0.3 1.0 0.0

triangle lightness t^*

%Gamut

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

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

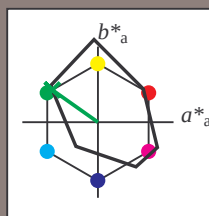
Hue texts:

$u^*_e = j75g$ $u^*_d = i03c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -60 43

$LAB^*LCH^*_{Ma}$: 45 74 144

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.03

triangle lightness t^*

%Gamut

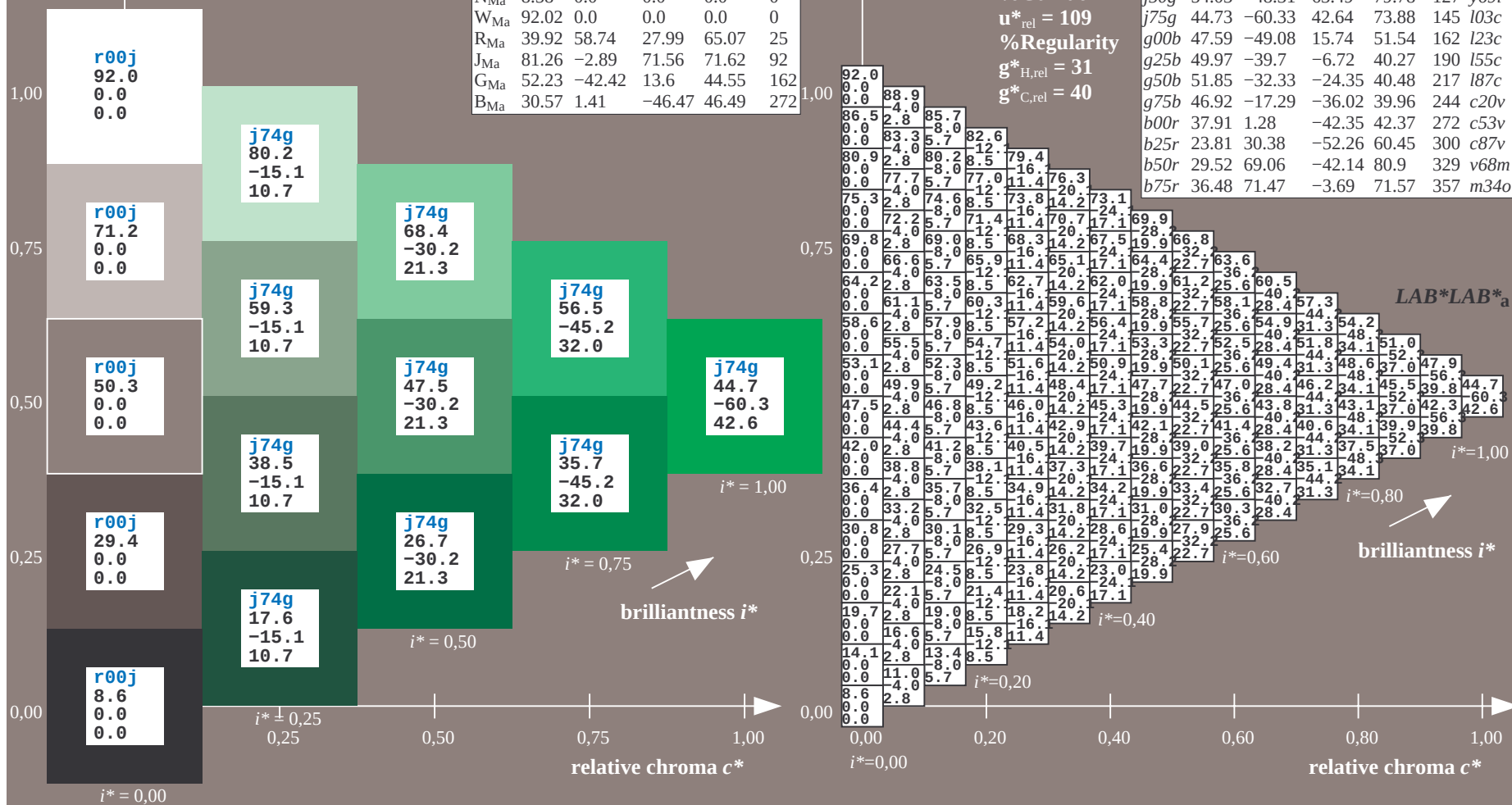
$u^*_{rel} = 109$

%Regularity

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

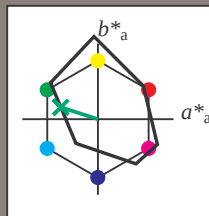
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g00b$ $u^*_d = l23c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



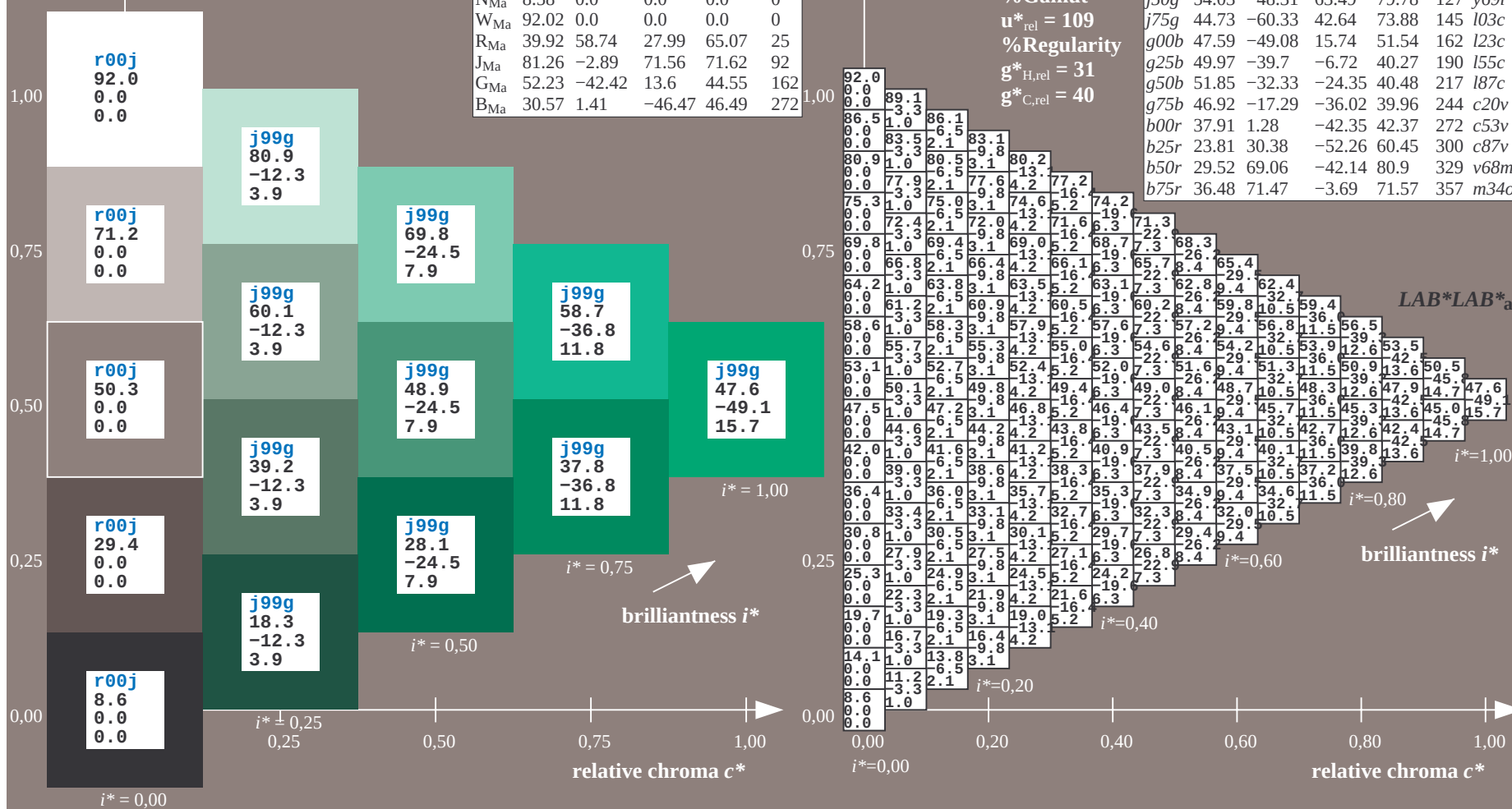
FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -49 16
 $LAB^*LCH^*_{Ma}$: 48 52 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.23
triangle lightness t^*

%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$

data for any colour:

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

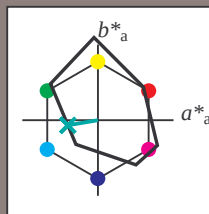
Hue texts:

$u^*_e = g25b$ $u^*_d = l55c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -40 -7

$LAB^*LCH^*_{Ma}$: 50 40 189

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.55

triangle lightness t^*

%Gamut

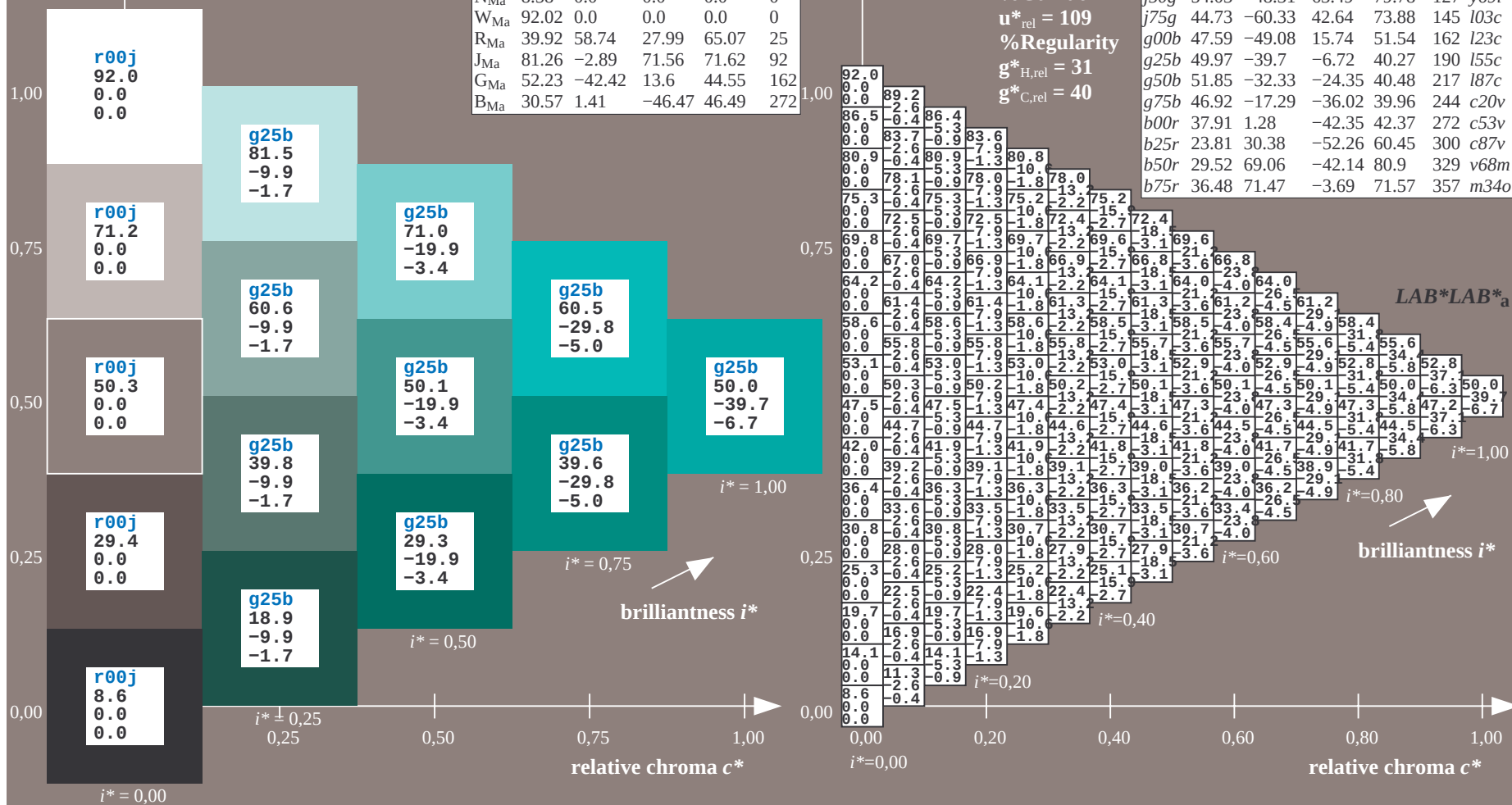
$u^*_{rel} = 109$

%Regularity

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

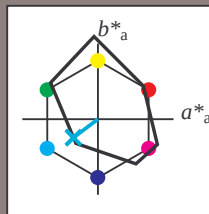
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g50b$ $u^*_d = l87c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



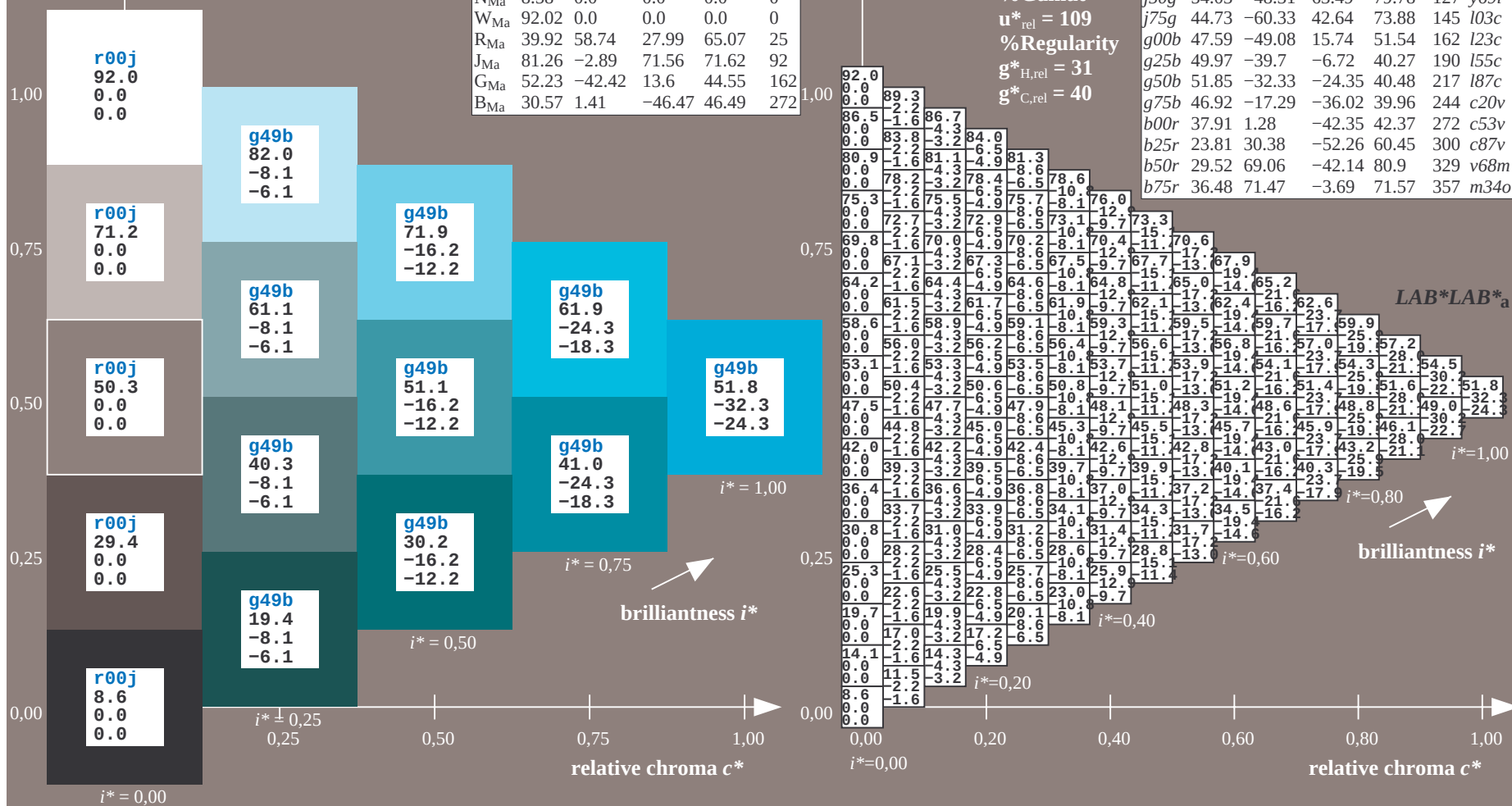
FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36
Y _{Ma}	83.77	-5.17	109.32	109.44	93
L _{Ma}	44.13	-62.67	48.24	79.09	142
C _{Ma}	52.66	-29.14	-31.99	43.27	228
V _{Ma}	14.15	50.3	-59.04	77.57	310
M _{Ma}	37.37	78.64	-33.5	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -32 -24
 $LAB^*LCH^*_{Ma}$: 52 40 216
 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.87
triangle lightness t^*

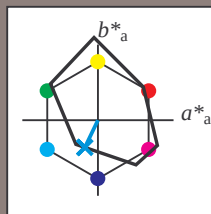
%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -17 -36

$LAB^*LCH^*_{Ma}$: 47 40 244

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

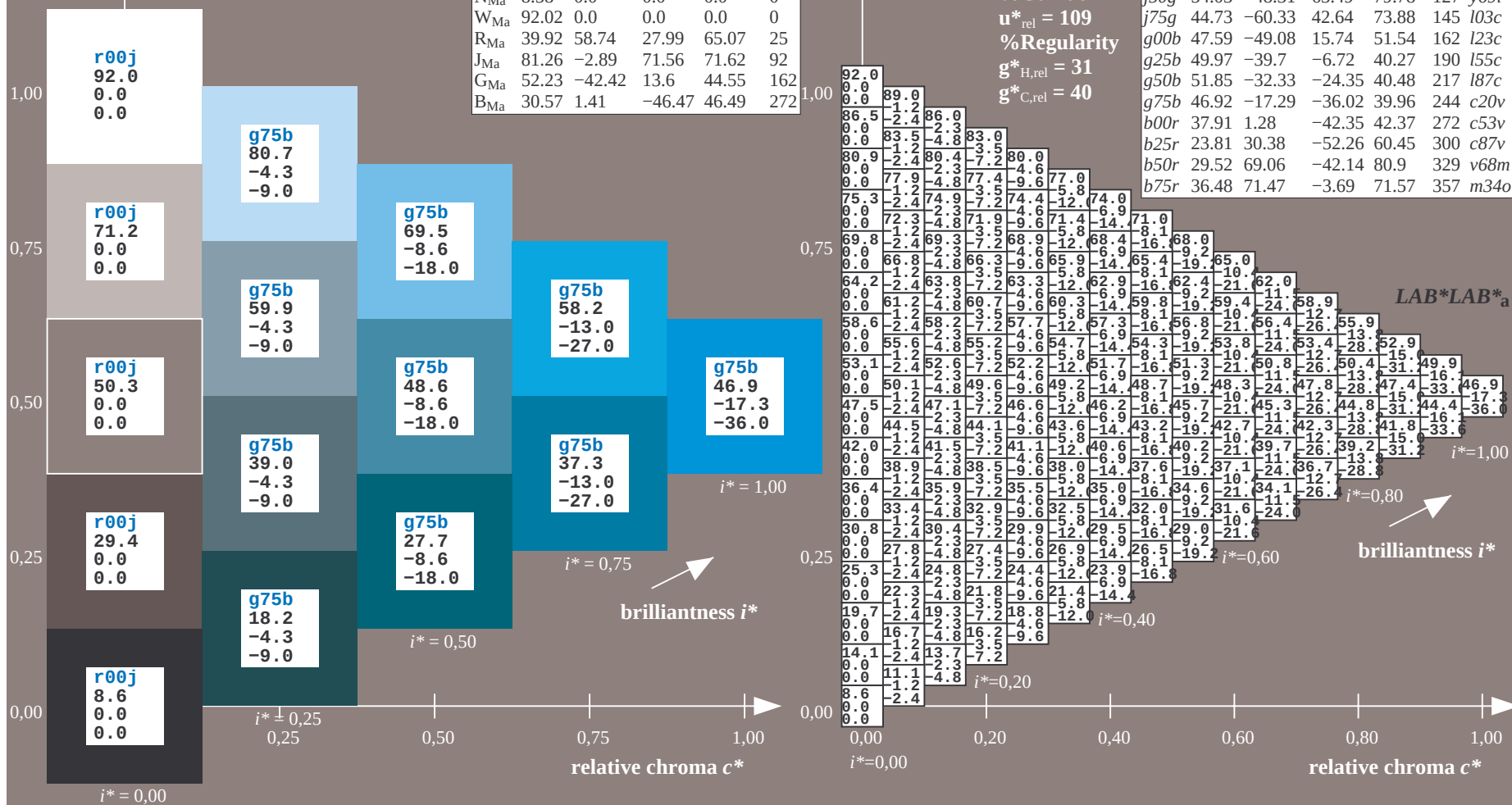
%Regularity

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

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

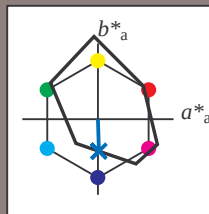
FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = g75b$
 $LAB^*LAB^*_a$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b00r$ $u^*_d = c53v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 38 1 -42

$LAB^*LCH^*_Ma$: 38 42 271

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

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

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

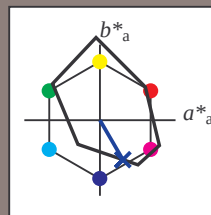
Hue texts:

$u^*_e = b25r$ $u^*_d = c87v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 30 -52

$LAB^*LCH^*_{Ma}$: 24 60 300

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

$lab^*olv^*_{Ma}$: 0.0 0.12 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

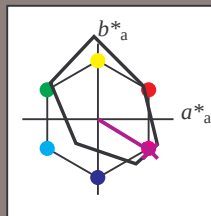
$g^*_{H,rel} = 31$

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

FRS09_92a; adapted (a) CIELAB data								
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o		
r25j	39.12	54.56	49.45	73.64	42	o10y		
r50j	50.64	39.15	64.89	75.79	59	o40y		
r75j	64.01	21.26	82.83	85.52	76	o69y		
j00g	83.18	-4.38	108.53	108.62	92	o98y		
j25g	66.73	-29.89	83.06	88.28	110	y34l		
j50g	54.03	-48.31	63.49	79.78	127	y69l		
j75g	44.73	-60.33	42.64	73.88	145	i03c		
g00b	47.59	-49.08	15.74	51.54	162	i23c		
g25b	49.97	-39.7	-6.72	40.27	190	i55c		
g50b	51.85	-32.33	-24.35	40.48	217	i87c		
g75b	46.92	-17.29	-36.02	39.96	244	c20v		
b00r	37.91	1.28	-42.35	42.37	272	c53v		
b25r	23.81	30.38	-52.26	60.45	300	c87v		
b50r	29.52	69.06	-42.14	80.9	329	v68m		
b75r	36.48	71.47	-3.69	71.57	357	m34o		

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b50r$ $u^*_d = v68m$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 69 -42

$LAB^*LCH^*_{Ma}$: 30 81 328

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

$lab^*olv^*_{Ma}$: 0.69 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

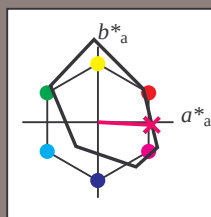
$g^*_{H,rel} = 31$

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b75r$ $u^*_d = m34o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 71 -4

$LAB^*LCH^*_{Ma}$: 36 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.66

triangle lightness t^*

%Gamut

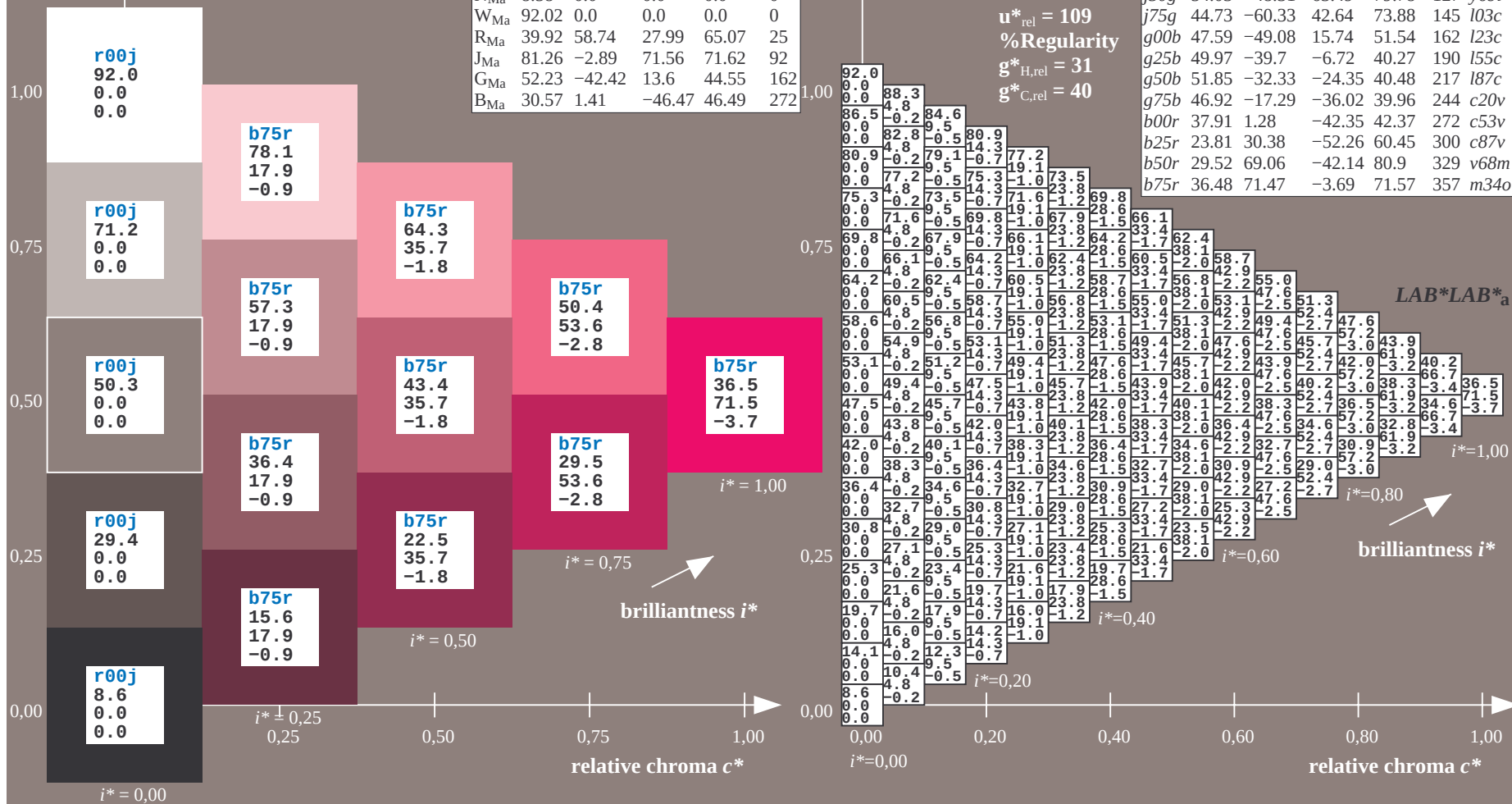
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



	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	1099.3	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	406

Input and output:

Colorimetric Printer Reflective System FRS09_92a
data for any colour:

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

elementary hue text:

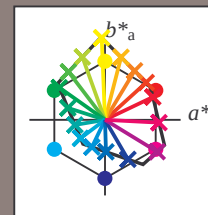
$u^*_e = 16$ hues $r00j$, $r25j$, ..., $b75r$

contrast reduction factor:

$$c_R = 1.0$$

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Gamut

$u^*_{rel} = 109$

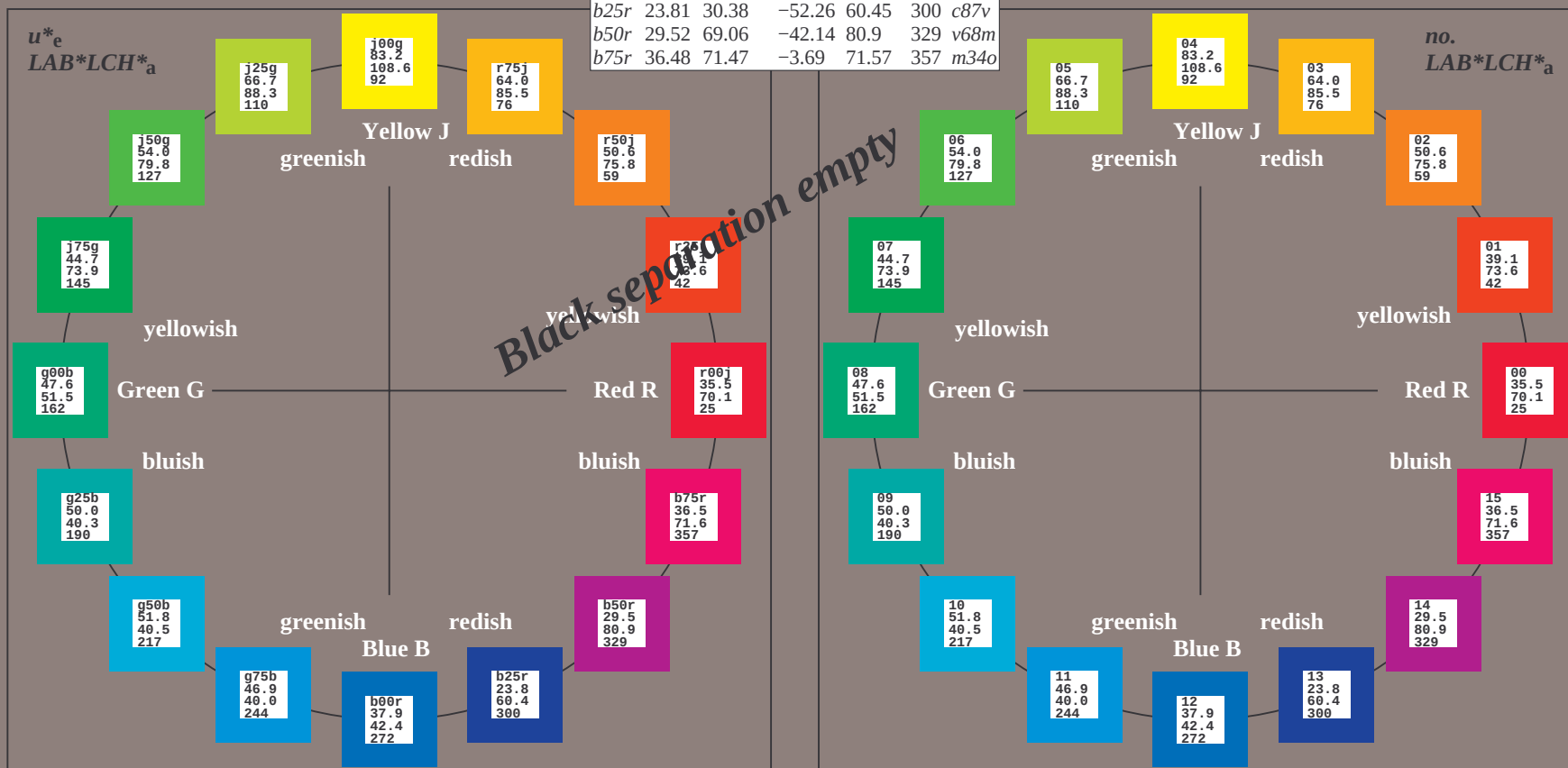
%Regularity

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

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

FRS09_92a; 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
R_{CIE}	39.92	58.74	27.99	65.07	92
J_{CIE}	81.26	-2.89	71.56	71.62	95
G_{CIE}	52.23	-42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.071$ data for any colour: Data for maximum colour (Ma):

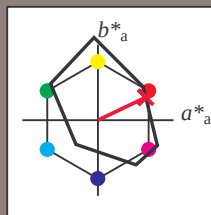
$u_e^* = r00j$
 $LAB^*LCH^*_a$

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

Hue texts:

$$u^*_e = r00j \quad u^*_d = m81o$$

contrast reduction factor:

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}: 35 \ 63 \ 30$

LAB*LCH* M_2 : 35 70 25

lab*rah*Ma: 1.0.00.00

lch*ch* - : 1.0 0.0 0.19

1.0 0.0
1.0 0.0
1.0 0.0

triangle lightness t^*

0

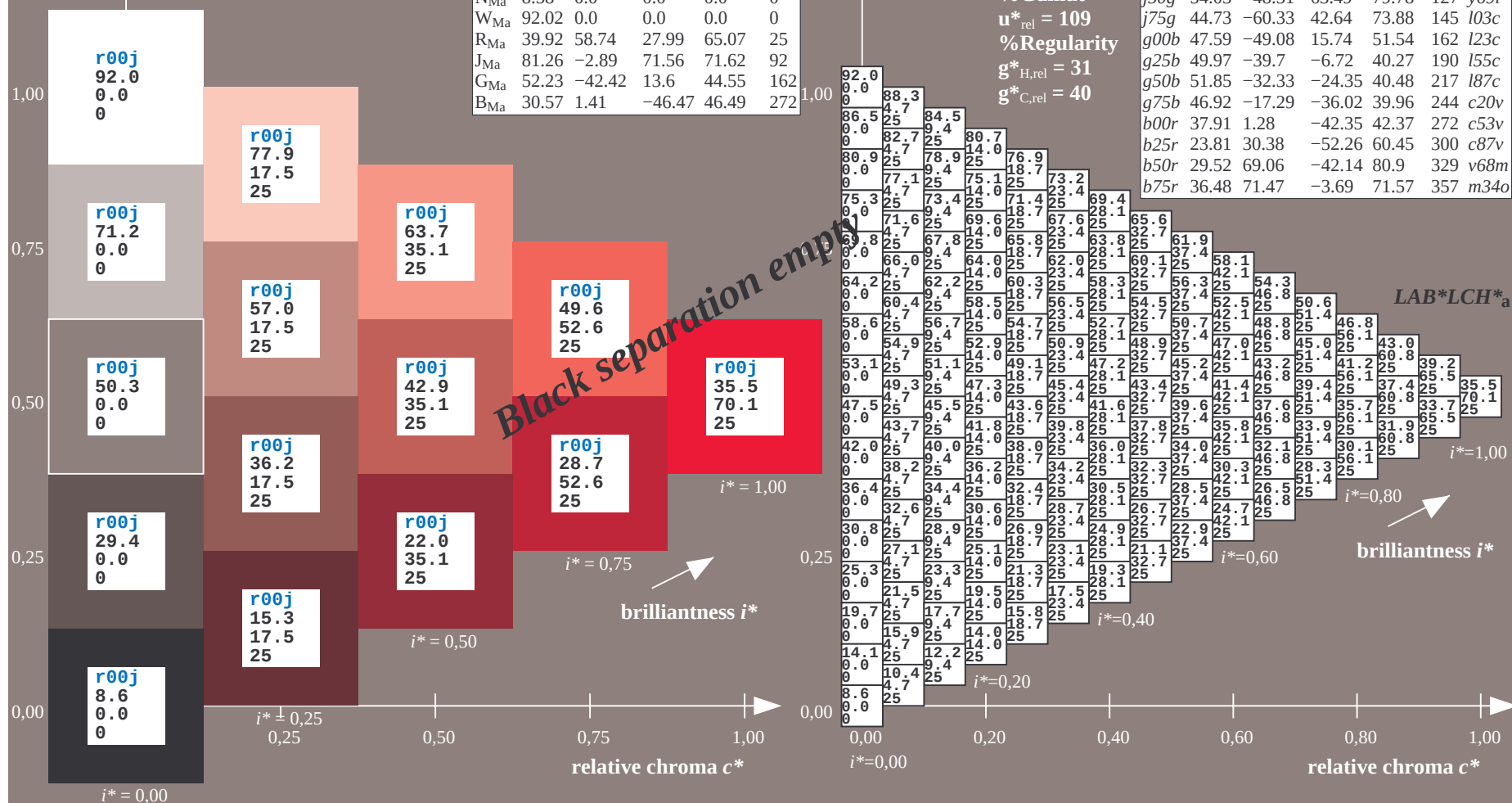
%Gamut

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

%Regularity

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

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
<i>r00j</i>	35.47	63.32	30.17	70.15	25	<i>m81o</i>	
<i>r25j</i>	39.12	54.56	49.45	73.64	42	<i>o10y</i>	
<i>r50j</i>	50.64	39.15	64.89	75.79	59	<i>o40y</i>	
<i>r75j</i>	64.01	21.26	82.83	85.52	76	<i>o69y</i>	
<i>j00g</i>	83.18	-4.38	108.53	108.62	92	<i>o98y</i>	
<i>j25g</i>	66.73	-29.89	83.06	88.28	110	<i>y34l</i>	
<i>j50g</i>	54.03	-48.31	63.49	79.78	127	<i>y69l</i>	
<i>j75g</i>	44.73	-60.33	42.64	73.88	145	<i>l03c</i>	
<i>g00b</i>	47.59	-49.08	15.74	51.54	162	<i>l23c</i>	
<i>g25b</i>	49.97	-39.7	-6.72	40.27	190	<i>l55c</i>	
<i>g50b</i>	51.85	-32.33	-24.35	40.48	217	<i>l87c</i>	
<i>g75b</i>	46.92	-17.29	-36.02	39.96	244	<i>c20v</i>	
<i>b00r</i>	37.91	1.28	-42.35	42.37	272	<i>c53v</i>	
<i>b25r</i>	23.81	30.38	-52.26	60.45	300	<i>c87v</i>	
<i>b50r</i>	29.52	69.06	-42.14	80.9	329	<i>v68m</i>	
<i>b75r</i>	36.48	71.47	-3.69	71.57	357	<i>m34o</i>	



BAM-test chart Ee36; Colorimetric systems, Page 92/198
D65: colour scales and 9 data tables for 16 hues $r00j$ to $b75r$

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

BAM registration: 20081001-Ee36/10/L36E00NA.PS/.TXT 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_92a for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 0.117$ data for any colour: Data for maximum colour (Ma):

$$u_e^* = r25j$$

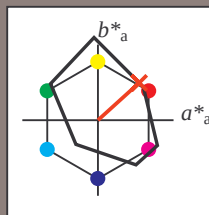
$$LAB^*LCH^*_a$$

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

Hue texts:

$$u^*_e = r25j \quad u^*_d = o10y$$

contrast reduction factor:

 $c_D = 1.0$ triangle lightness t^* 

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74		27.99	65.07	25
J _{Ma}	81.26	-2.89		71.56	71.62	92
G _{Ma}	52.23	-42.42		13.6	44.55	162
B _{Ma}	30.57	1.41		-46.47	46.49	272

Data for maximum colour (Ma):

*LAB*LAB**M₂: 39 55 49

LAB*ICH*₅: 39 74 42
$$I_{\text{LH}}^* - I_{\text{LH}}^* = 1.0 - 0.25 = 0.75$$
*lab***rgb**Ma: 1.0 0.25 0.0

lab*olv*Ma: 1.0 0.11 0.0

triangle lightness t^*

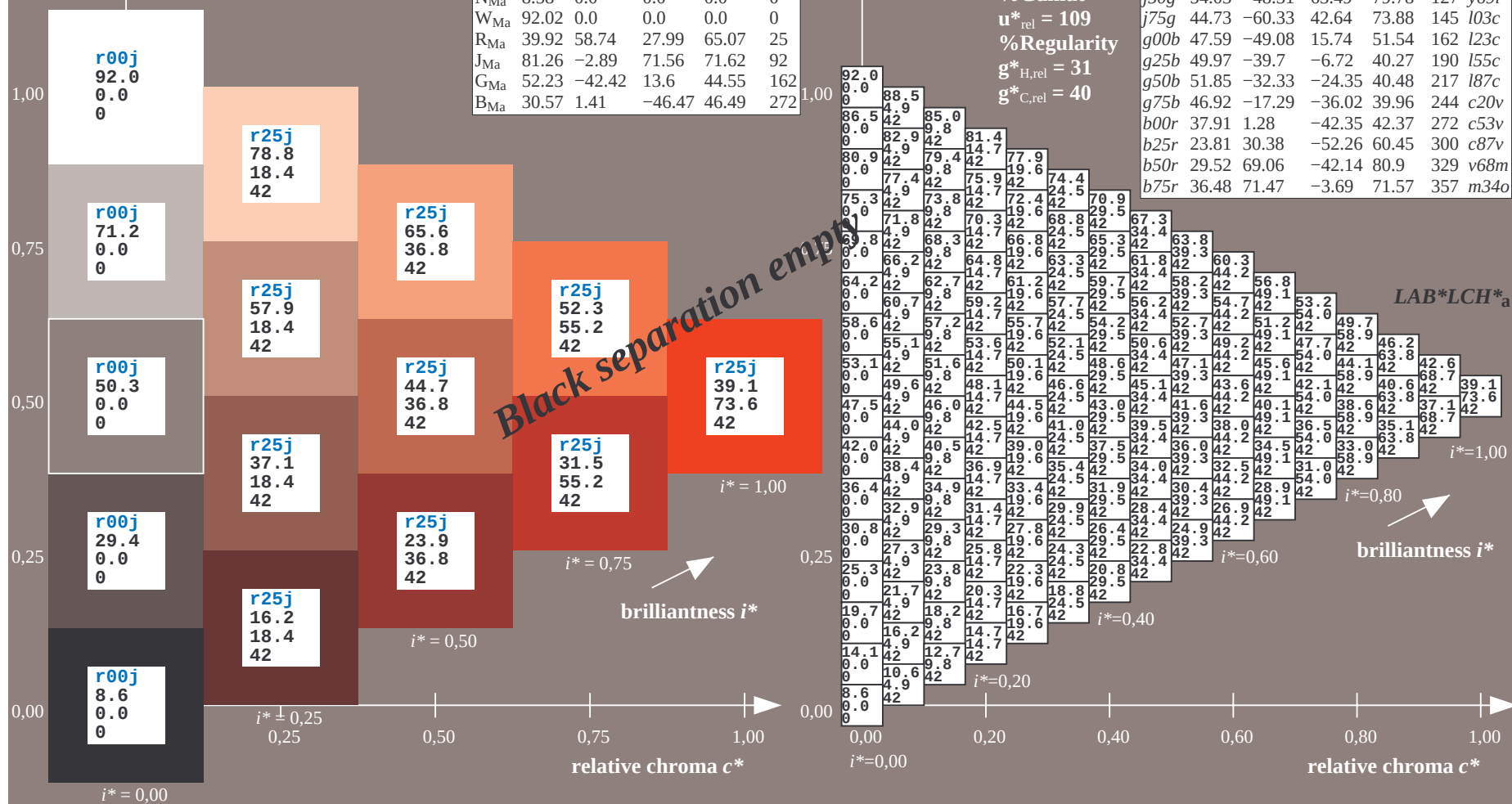
%Gamut

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

%Regularity

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

FRS09_92a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	u_d^*	
<i>r00j</i>	35.47	63.32	30.17	70.15	25	<i>m81o</i>	
<i>r25j</i>	39.12	54.56	49.45	73.64	42	<i>o10y</i>	
<i>r50j</i>	50.64	39.15	64.89	75.79	59	<i>o40y</i>	
<i>r75j</i>	64.01	21.26	82.83	85.52	76	<i>o69y</i>	
<i>j00g</i>	83.18	-4.38	108.53	108.62	92	<i>o98y</i>	
<i>j25g</i>	66.73	-29.89	83.06	88.28	110	<i>y34l</i>	
<i>j50g</i>	54.03	-48.31	63.49	79.78	127	<i>y69l</i>	
<i>j75g</i>	44.73	-60.33	42.64	73.88	145	<i>l03c</i>	
<i>g00b</i>	47.59	-49.08	15.74	51.54	162	<i>l23c</i>	
<i>g25b</i>	49.97	-39.7	-6.72	40.27	190	<i>l55c</i>	
<i>g50b</i>	51.85	-32.33	-24.35	40.48	217	<i>l87c</i>	
<i>g75b</i>	46.92	-17.29	-36.02	39.96	244	<i>c20v</i>	
<i>b00r</i>	37.91	1.28	-42.35	42.37	272	<i>c53v</i>	
<i>b25r</i>	23.81	30.38	-52.26	60.45	300	<i>c87v</i>	
<i>b50r</i>	29.52	69.06	-42.14	80.9	329	<i>v68m</i>	
<i>b75r</i>	36.48	71.47	-3.69	71.57	357	<i>m34o</i>	

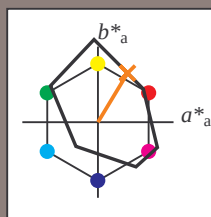


BAM-test chart Ee36; Colorimetric systems, Page 93/198
D65: colour scales and 9 data tables for 16 hues $r00j$ to $b75r$

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

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r50j$ $u^*_d = o40y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 39 65

$LAB^*LCH^*_{Ma}$: 51 76 58

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

$lab^*olv^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = r50j$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

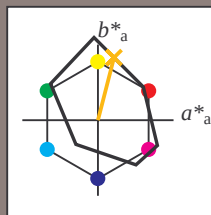
$i^* = 0.20$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r75j$ $u^*_d = o69y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 21 83

$LAB^*LCH^*_{Ma}$: 64 86 75

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

$lab^*olv^*_{Ma}$: 1.0 0.7 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = r75j$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

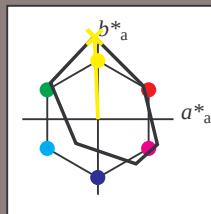
$i^* = 0.00$

Black separation empty

brilliantness i^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j00g$ $u^*_d = o98y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -4 109

$LAB^*LCH^*_{Ma}$: 83 109 92

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = j00g$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

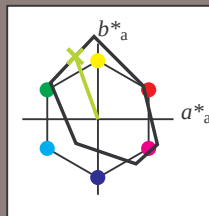
$i^* = 0.20$

Black separation empty

brilliantness i^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j25g$ $u^*_d = y34l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -30 83

$LAB^*LCH^*_{Ma}$: 67 88 109

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

$lab^*olv^*_{Ma}$: 0.66 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

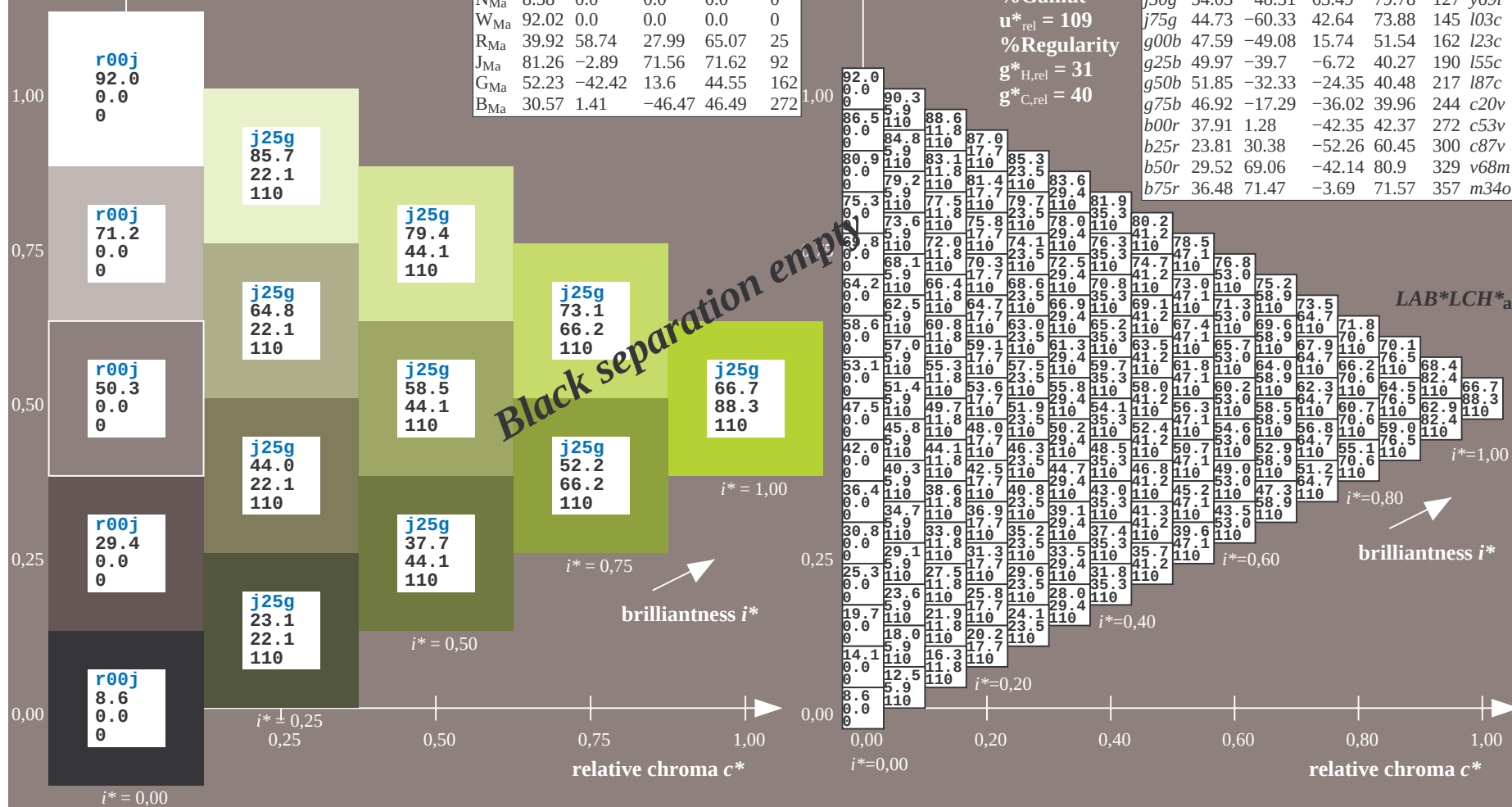
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = j25g$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

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

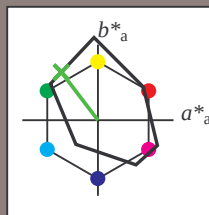
Hue texts:

$u^*_e = j50g$ $u^*_d = y69l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -48 63

$LAB^*LCH^*_{Ma}$: 54 80 127

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

$lab^*olv^*_{Ma}$: 0.3 1.0 0.0

triangle lightness t^*

%Gamut

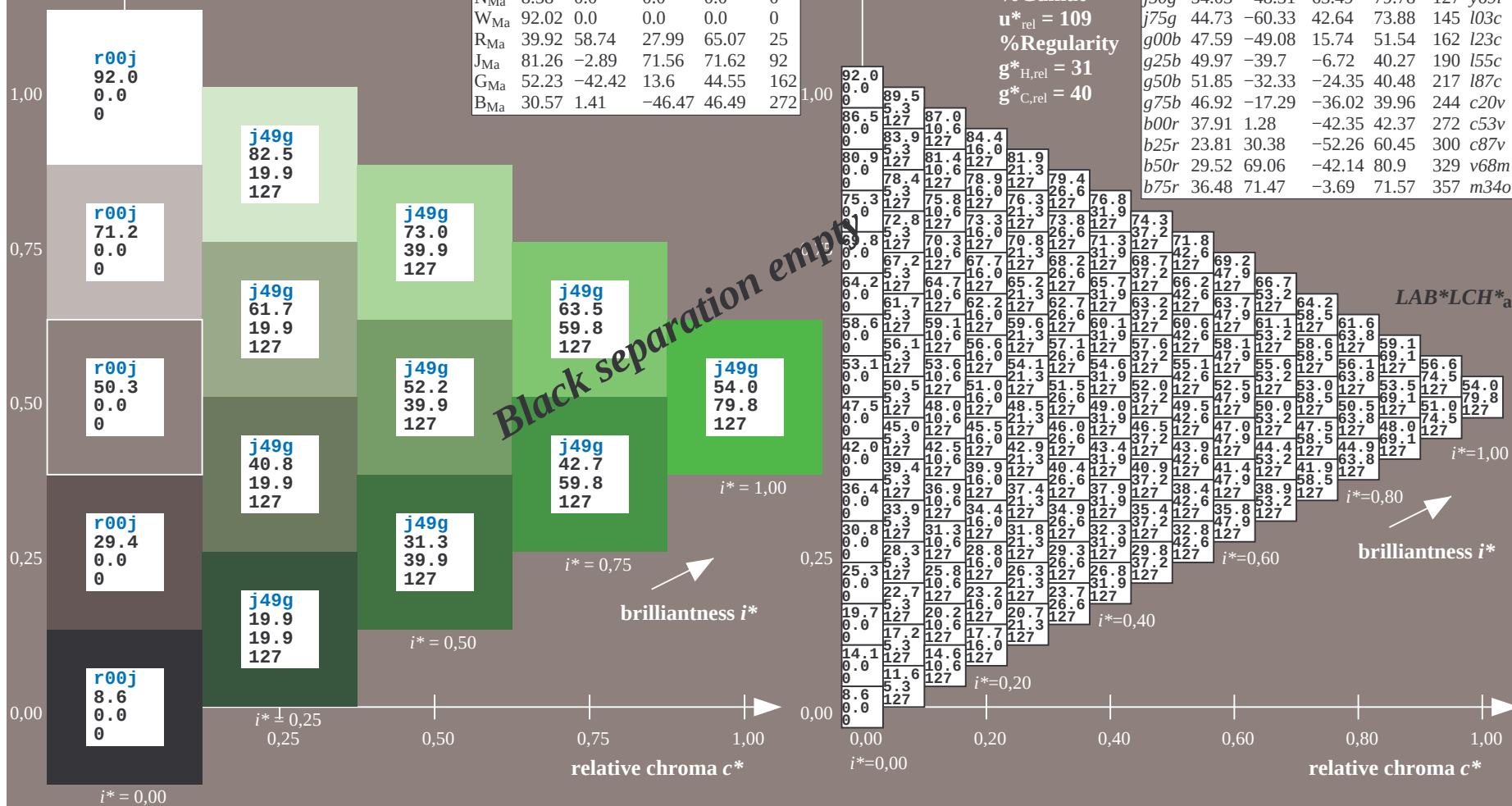
$u^*_{rel} = 109$

%Regularity

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

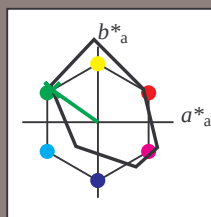
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j75g$ $u^*_d = i03c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -60 43

$LAB^*LCH^*_{Ma}$: 45 74 144

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.03

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

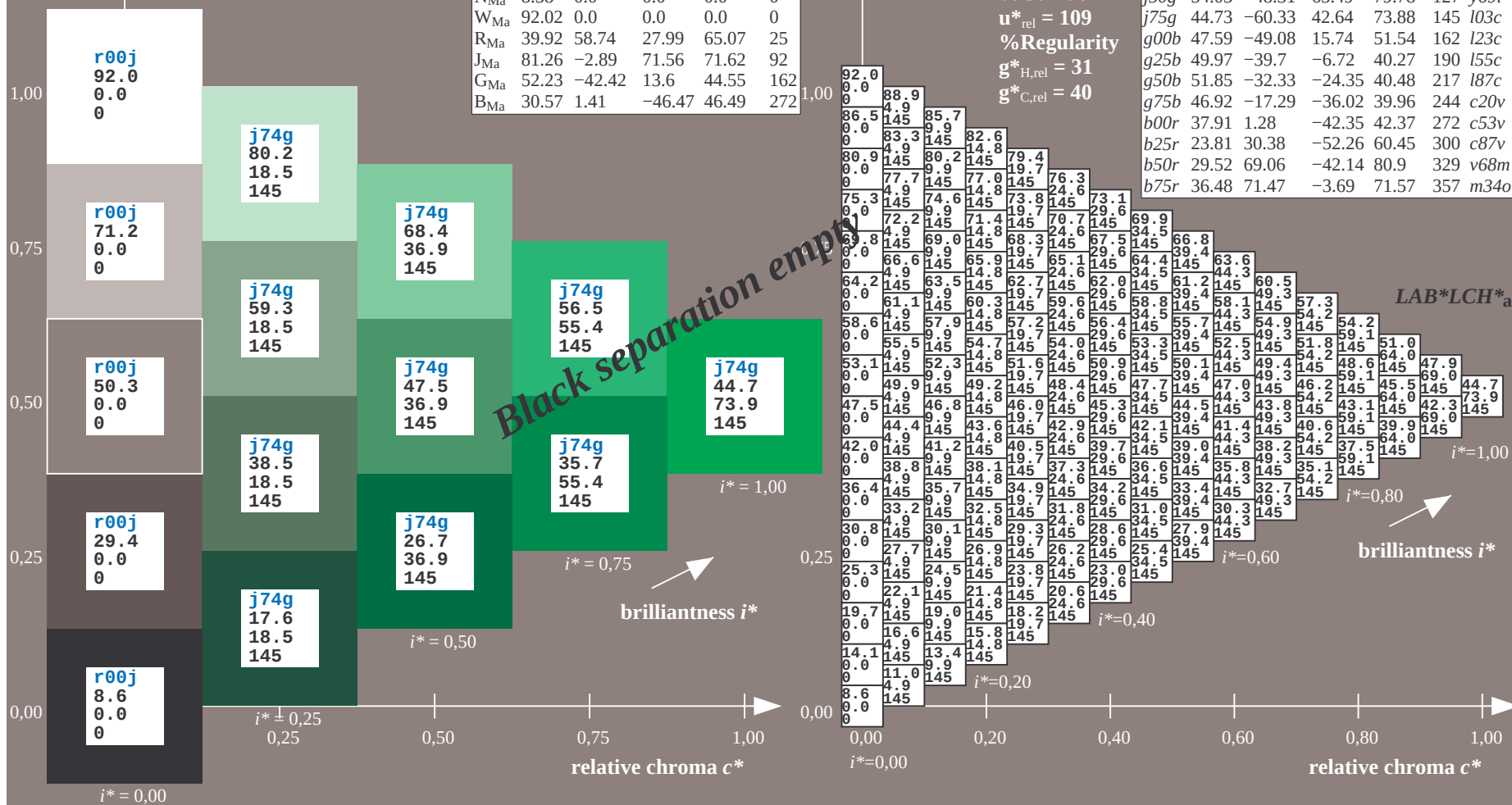
%Regularity

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

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

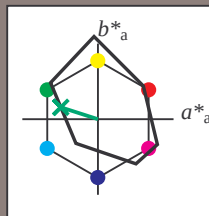
FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = j75g$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g00b$ $u^*_d = l23c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -49 16

$LAB^*LCH^*_{Ma}$: 48 52 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.23

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

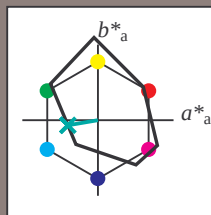
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = g00b$
 $LAB^*LCH^*_{Ma}$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g25b$ $u^*_d = l55c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -40 -7

$LAB^*LCH^*_{Ma}$: 50 40 189

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.55

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

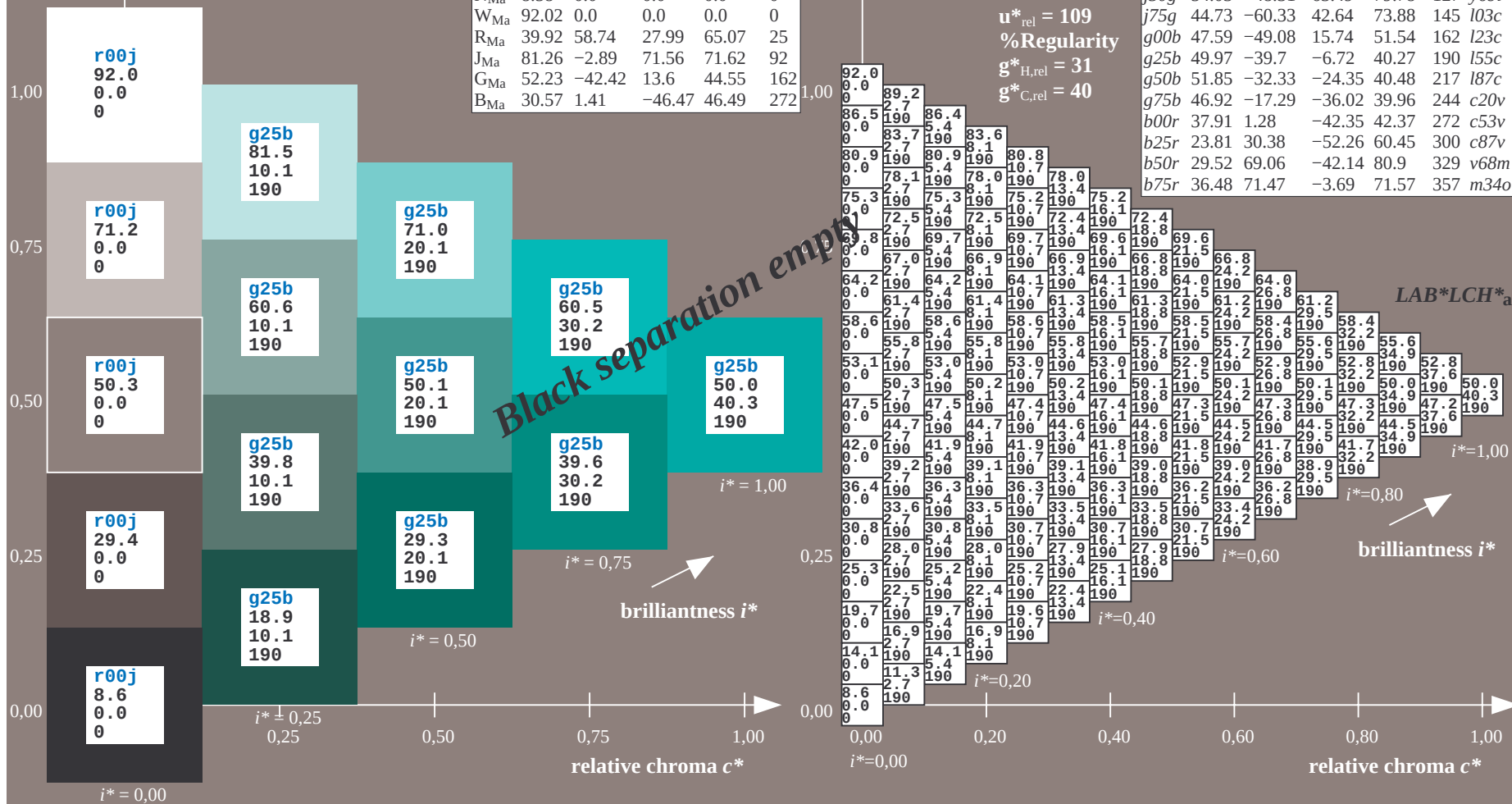
%Regularity

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

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

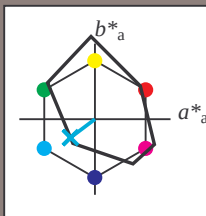
FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = g25b$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g50b$ $u^*_d = l87c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



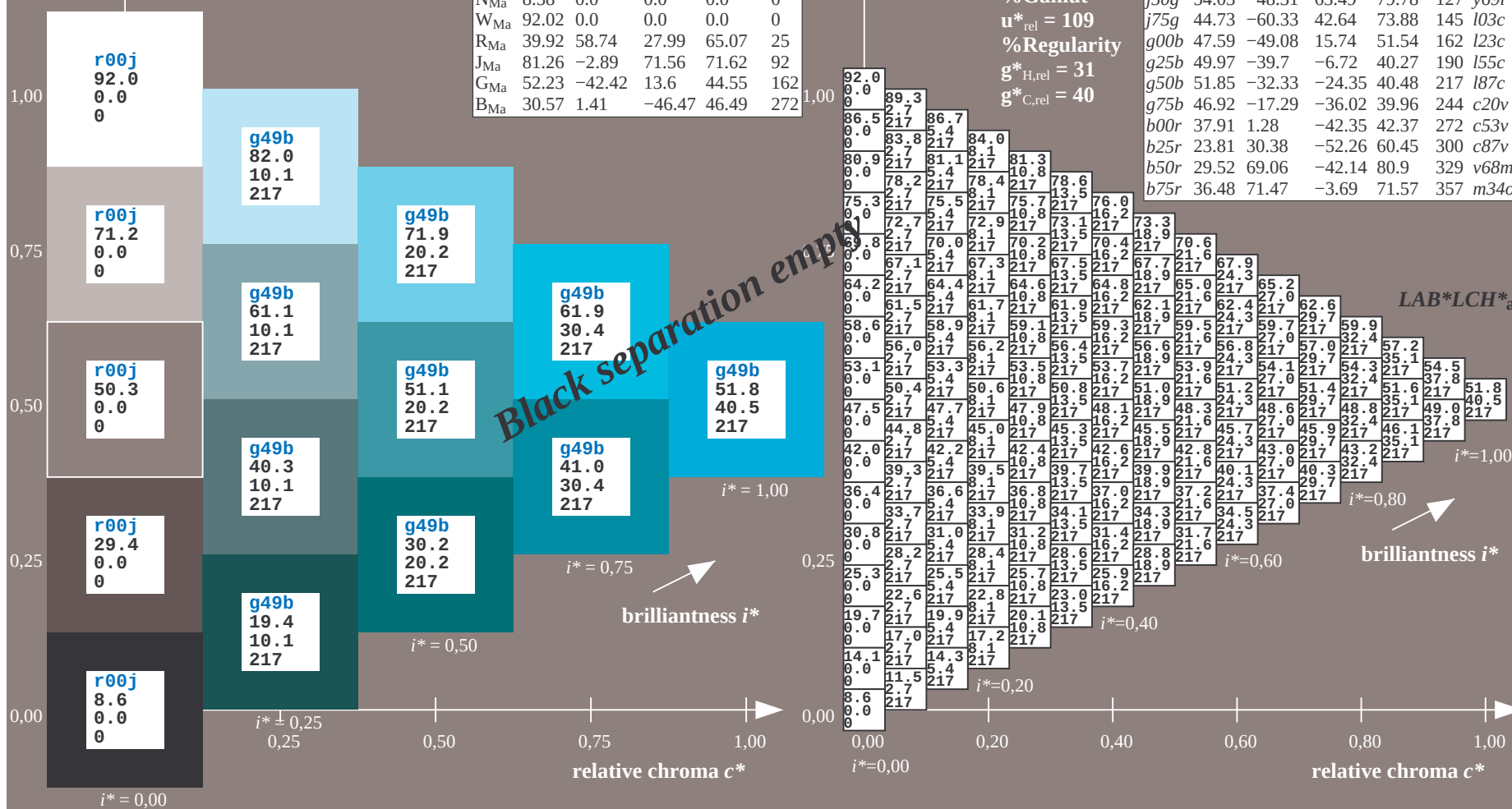
FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	78.64	-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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -32 -24
 $LAB^*LCH^*_{Ma}$: 52 40 216
 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.87
triangle lightness t^*

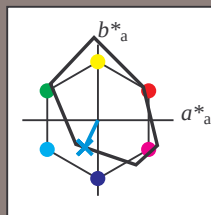
%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -17 -36

$LAB^*LCH^*_{Ma}$: 47 40 244

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	242	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = g75b$
 $LAB^*LCH^*_{Ma}$

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

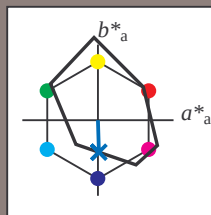
$i^* = 1.00$

brilliantness i^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b00r$ $u^*_d = c53v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -42

$LAB^*LCH^*_{Ma}$: 38 42 271

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

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b00r$
 $LAB^*LCH^*_{Ma}$

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

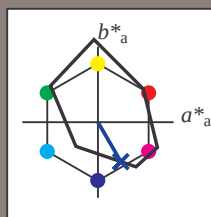
$i^* = 0.20$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b25r$ $u^*_d = c87v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 30 -52

$LAB^*LCH^*_{Ma}$: 24 60 300

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

$lab^*olv^*_{Ma}$: 0.0 0.12 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

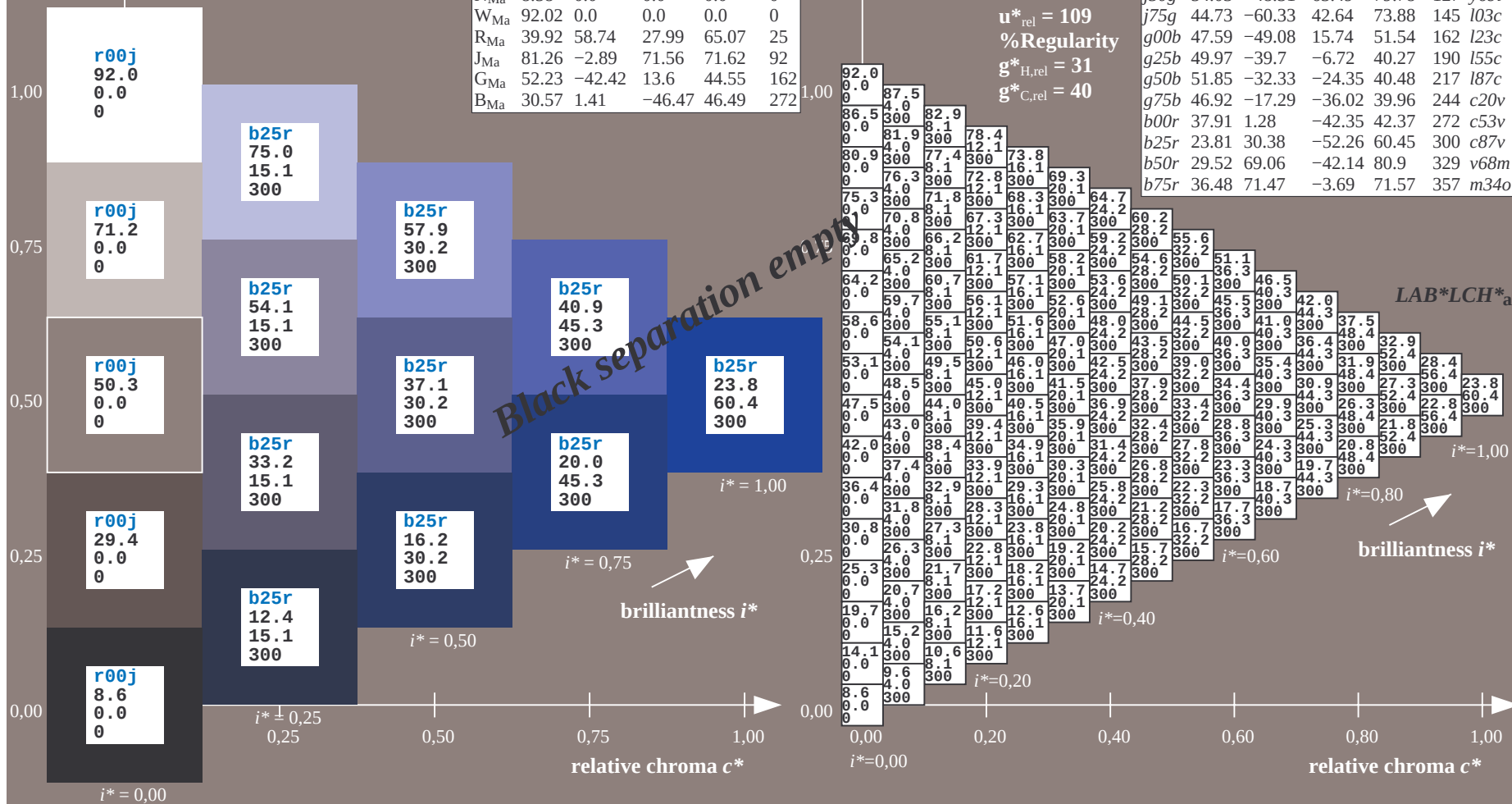
%Regularity

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

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

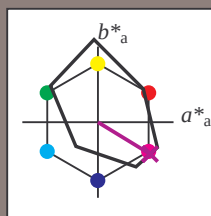
FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b25r$
 $LAB^*LCH^*_{Ma}$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b50r$ $u^*_d = v68m$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 69 -42

$LAB^*LCH^*_{Ma}$: 30 81 328

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

$lab^*olv^*_{Ma}$: 0.69 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

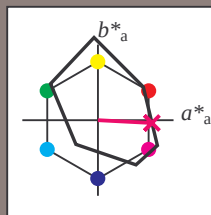
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b50r$
 $LAB^*LCH^*_{Ma}$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b75r$ $u^*_d = m34o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 71 -4

$LAB^*LCH^*_{Ma}$: 36 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.66

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

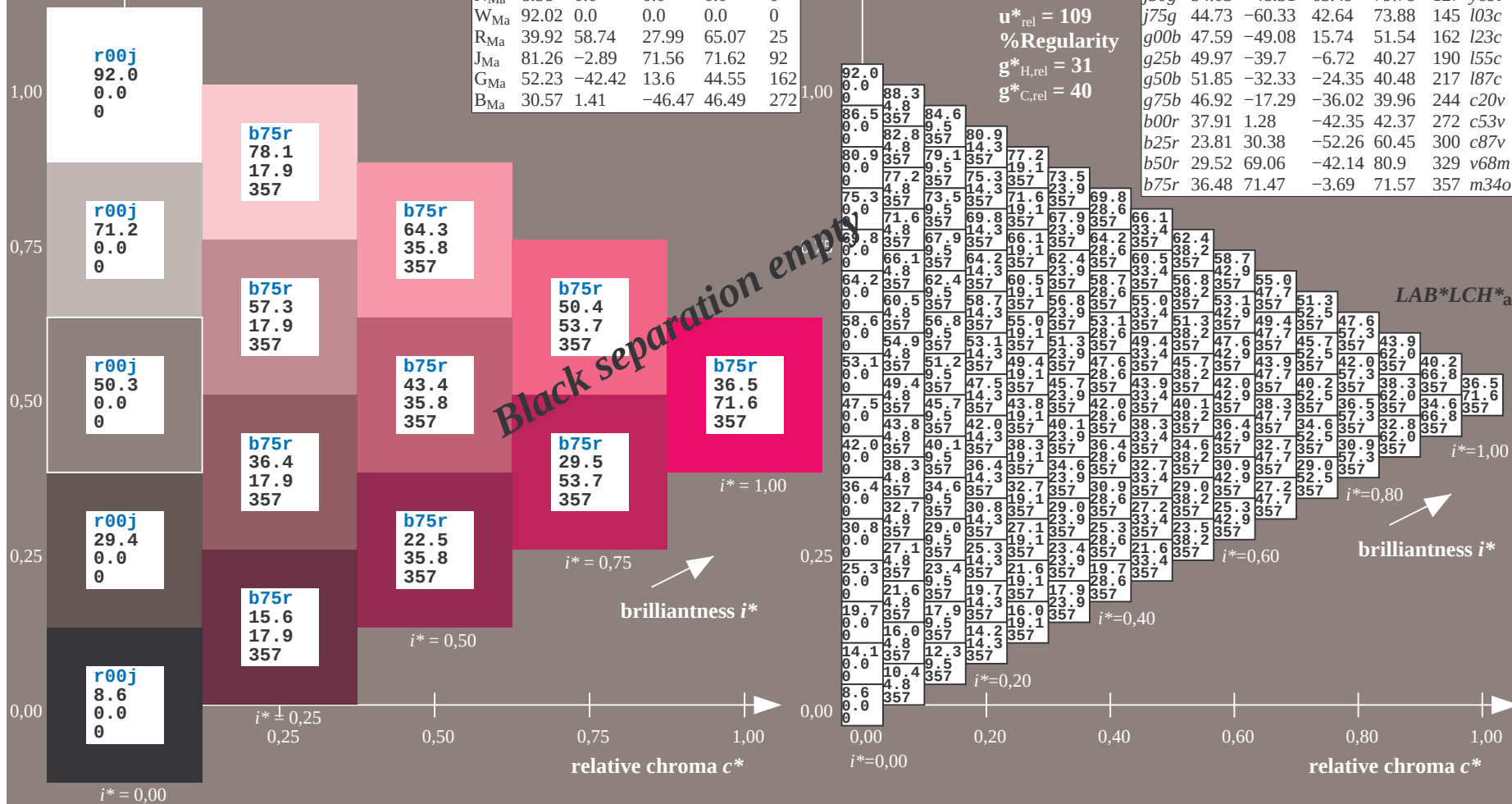
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b75r$
 $LAB^*LCH^*_{Ma}$



See for similar files: <http://www.ps.bam.de/Ee36/>; www.ps.bam.de/Ee36/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1, 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	13.6	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	4866.5	

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:

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

elementary hue text:

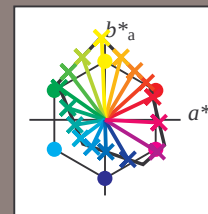
$u^*_e = 16$ hues $r00j$, $r25j$, ..., $b75r$

contrast reduction factor:

$c_R = 1.0$

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Gamut

$u^*_{rel} = 109$

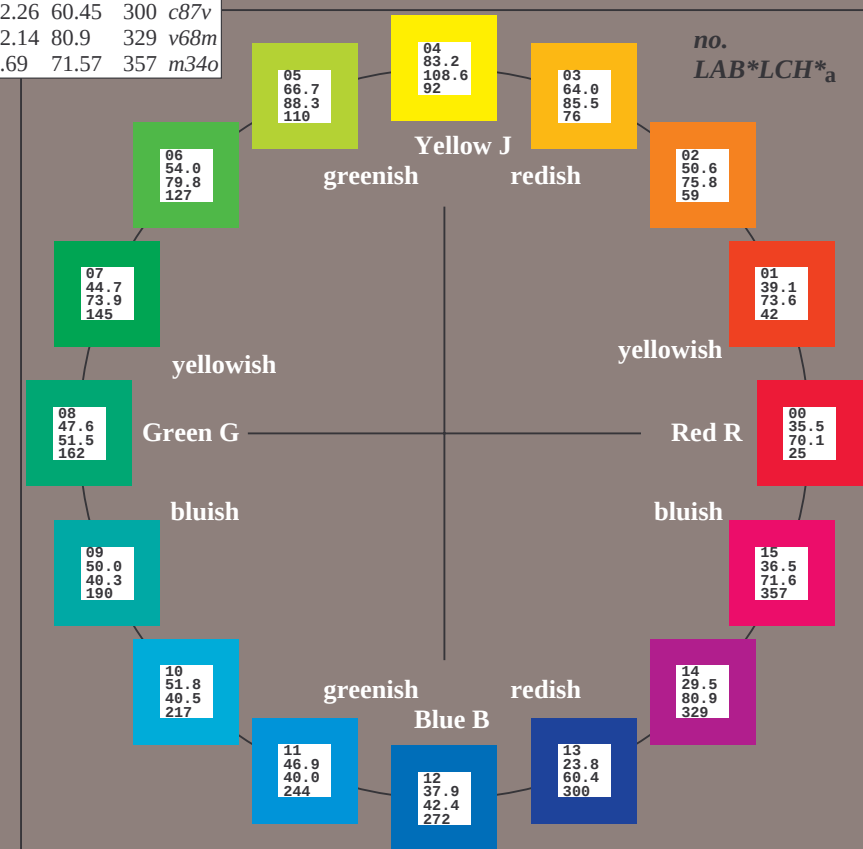
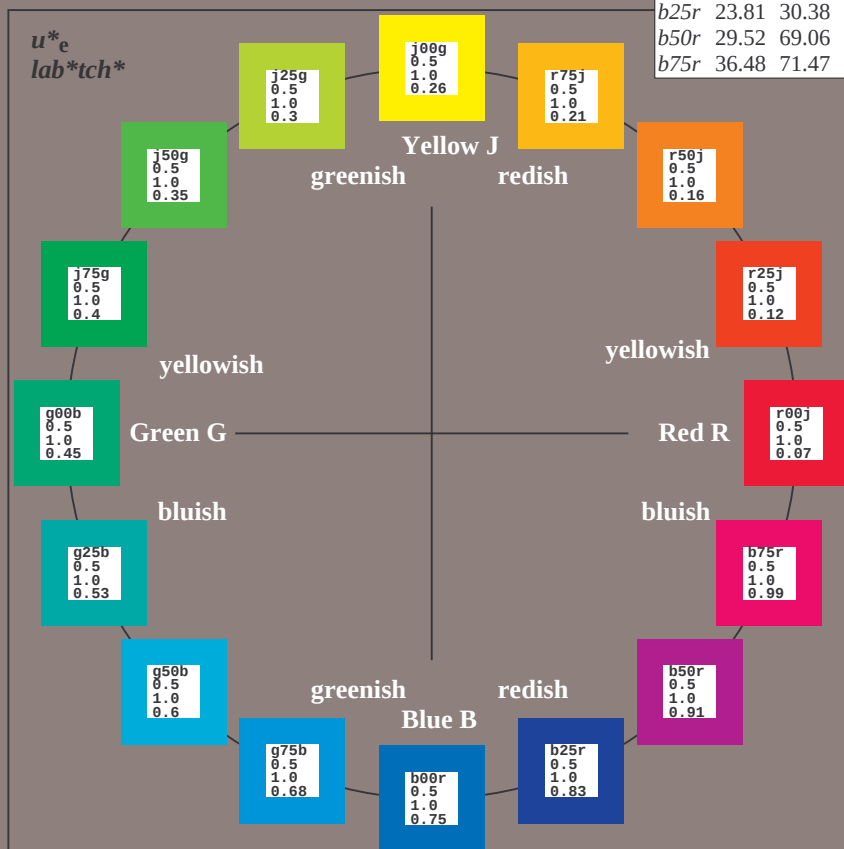
%Regularity

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

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

FRS09_92a; 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
R_{CIE}	39.92	58.74	27.99	65.07	92
J_{CIE}	81.26	-2.89	71.56	71.62	95
G_{CIE}	52.23	-42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

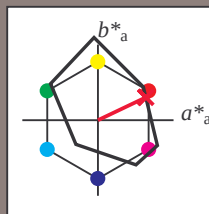
Hue texts:

$u^*_e = r00j$ $u^*_d = m81o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 63 30

$LAB^*LCH^*_{Ma}$: 35 70 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut

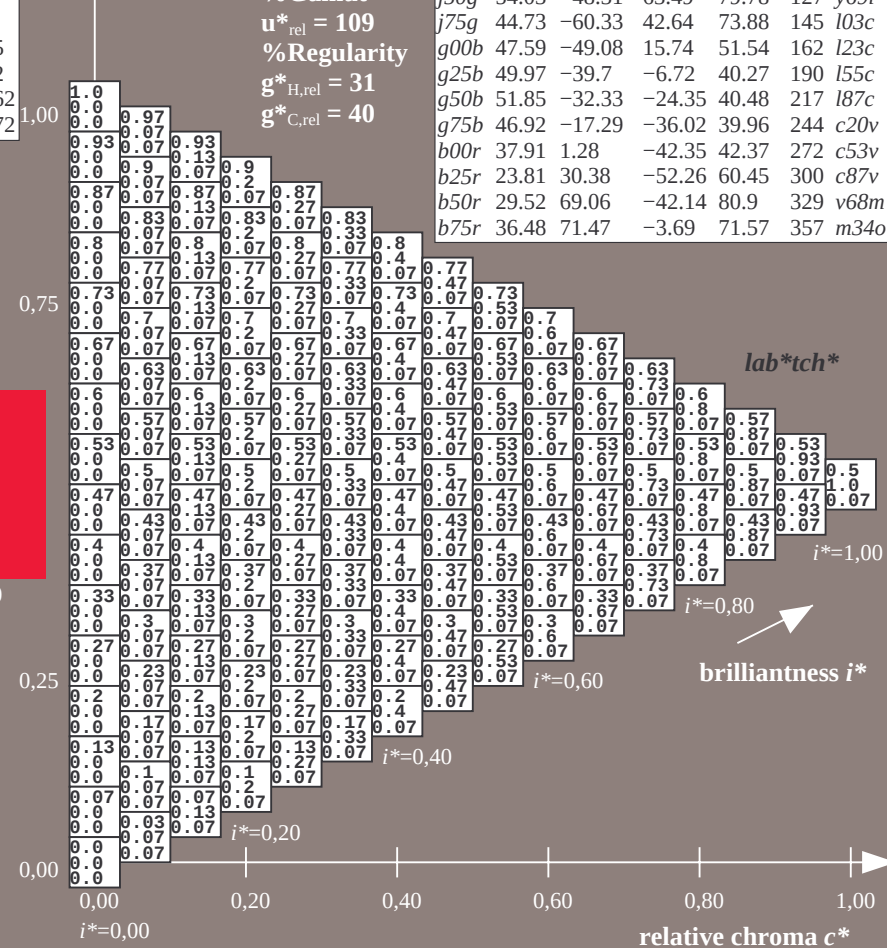
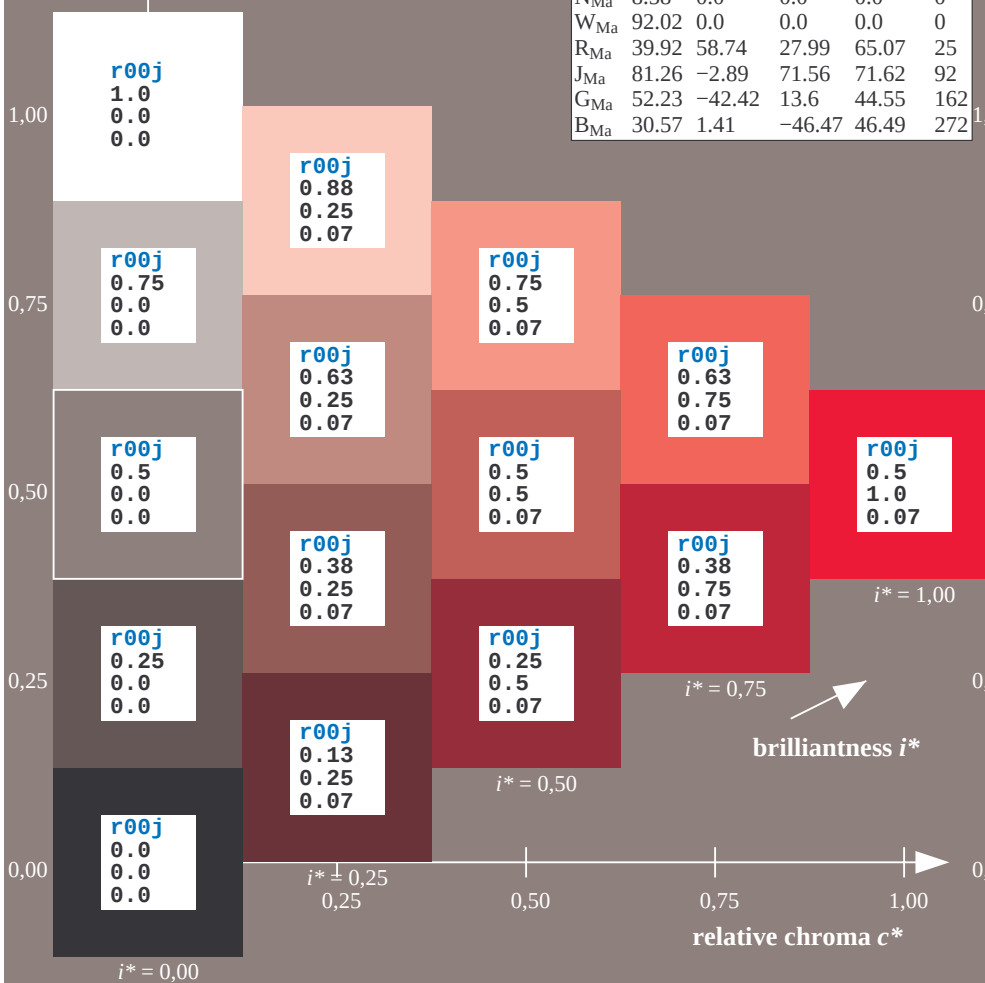
$u^*_{rel} = 109$

%Regularity

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

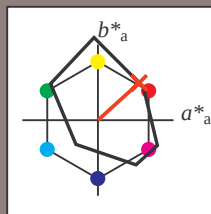
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r25j$ $u^*_d = o10y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 55 49

$LAB^*LCH^*_{Ma}$: 39 74 42

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

$lab^*olv^*_{Ma}$: 1.0 0.11 0.0

triangle lightness t^*

%Gamut

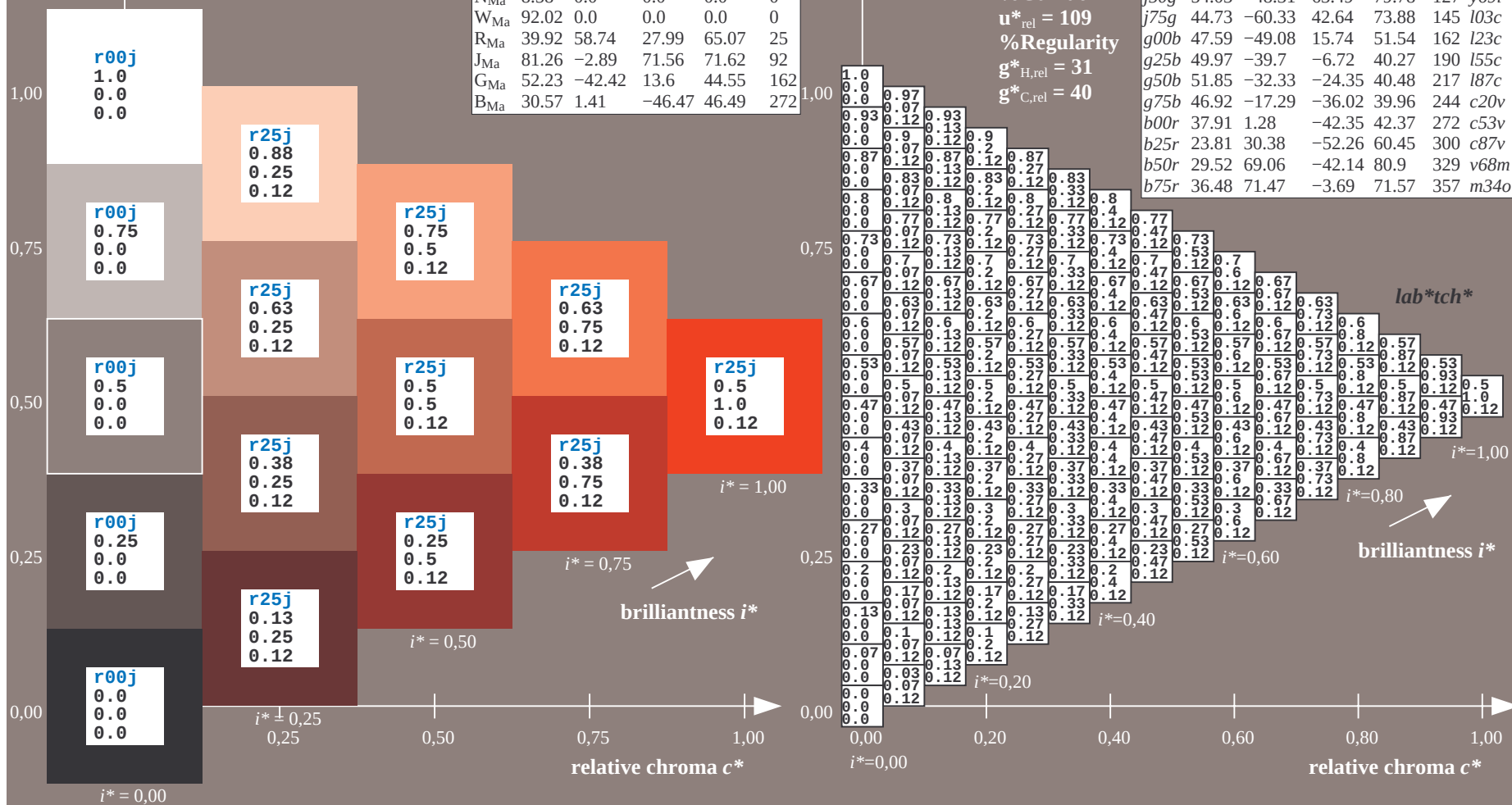
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.164$

data for any colour:

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

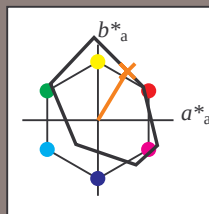
Hue texts:

$u^*_e = r50j$ $u^*_d = o40y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{Ma}$: 51 39 65

$\text{LAB}^*\text{LCH}^*_{Ma}$: 51 76 58

$\text{lab}^*\text{rgb}^*_{Ma}$: 1.0 0.5 0.0

$\text{lab}^*\text{olv}^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

% Gamut

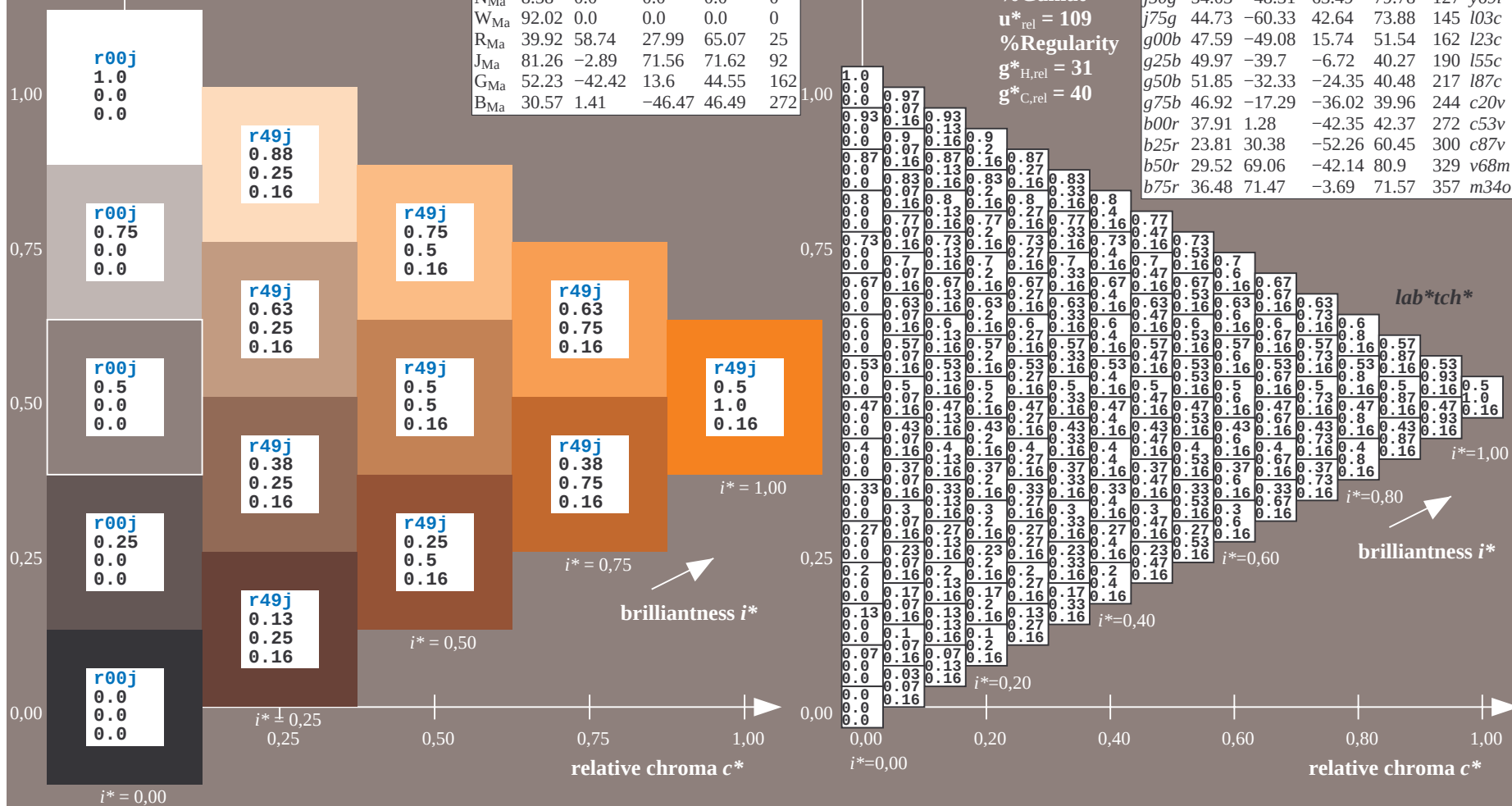
$u^*_{rel} = 109$

% Regularity

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

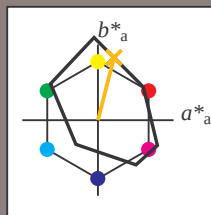
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d		
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r75j$ $u^*_d = o69y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 21 83

$LAB^*LCH^*_{Ma}$: 64 86 75

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

$lab^*olv^*_{Ma}$: 1.0 0.7 0.0

triangle lightness t^*

% Gamut

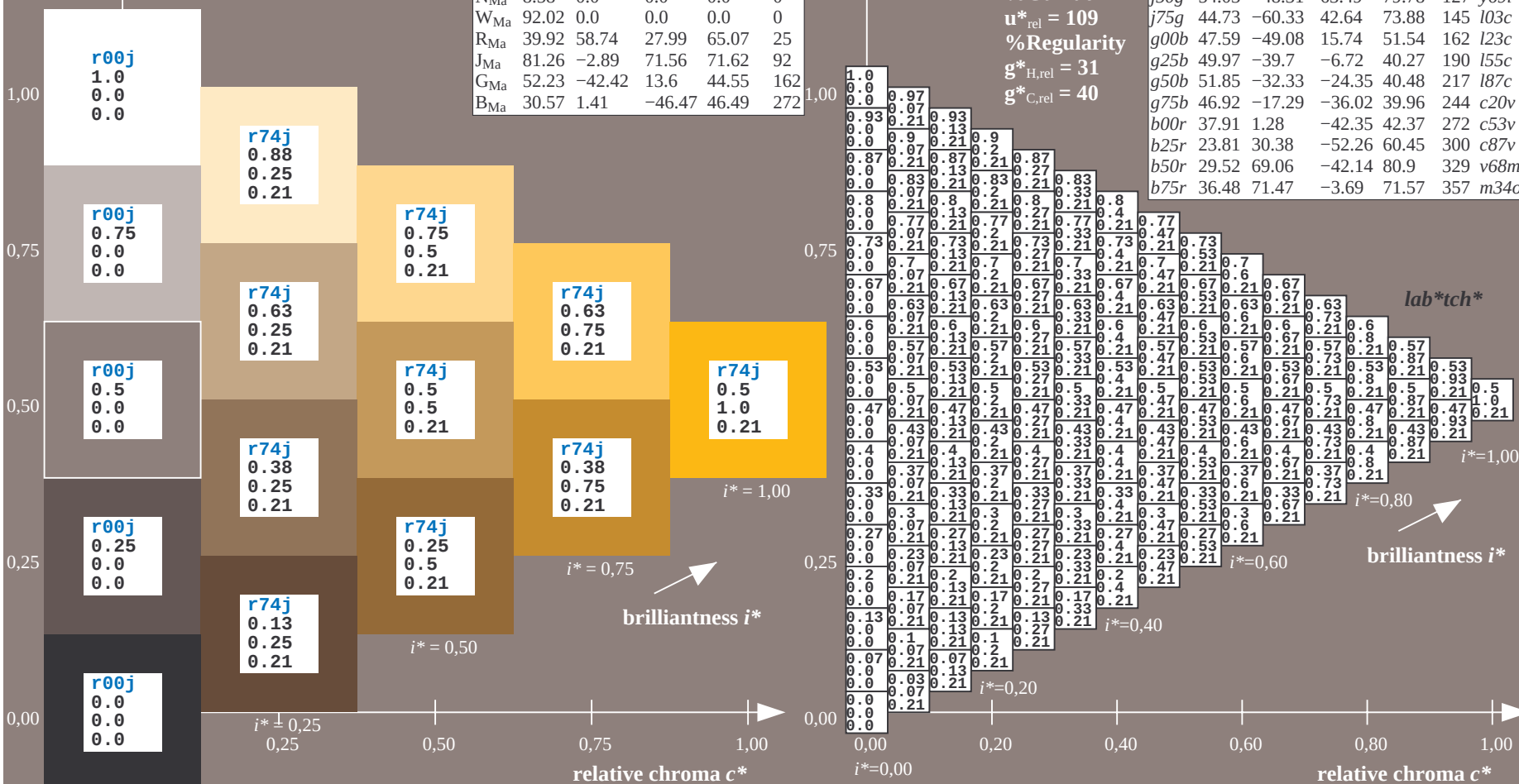
$u^*_{rel} = 109$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

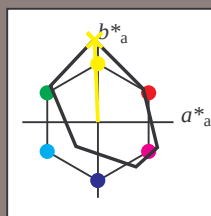
Hue texts:

$u^*_e = j00g$ $u^*_d = o98y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -4 109

$LAB^*LCH^*_{Ma}$: 83 109 92

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

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

triangle lightness t^*

%Gamut

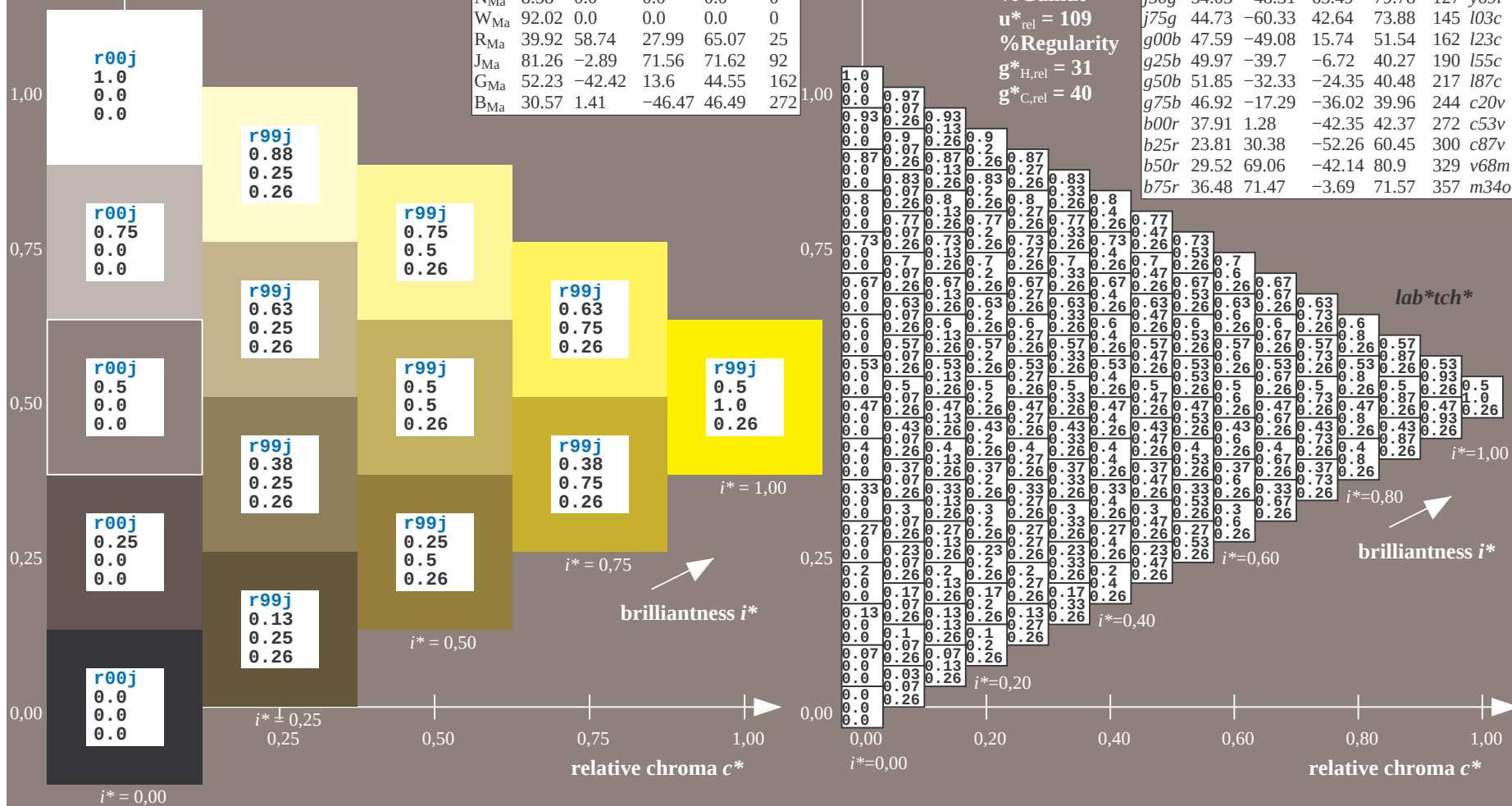
$u^*_{rel} = 109$

%Regularity

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

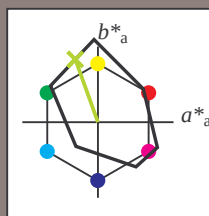
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = j25g$ $u_d^* = y34l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u_e^*	$L^*=L_a^*$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -30 83

$LAB^*LCH^*_{Ma}$: 67 88 109

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

$lab^*olv^*_{Ma}$: 0.66 1.0 0.0

triangle lightness t^*

%Gamut

$u_{rel}^* = 109$

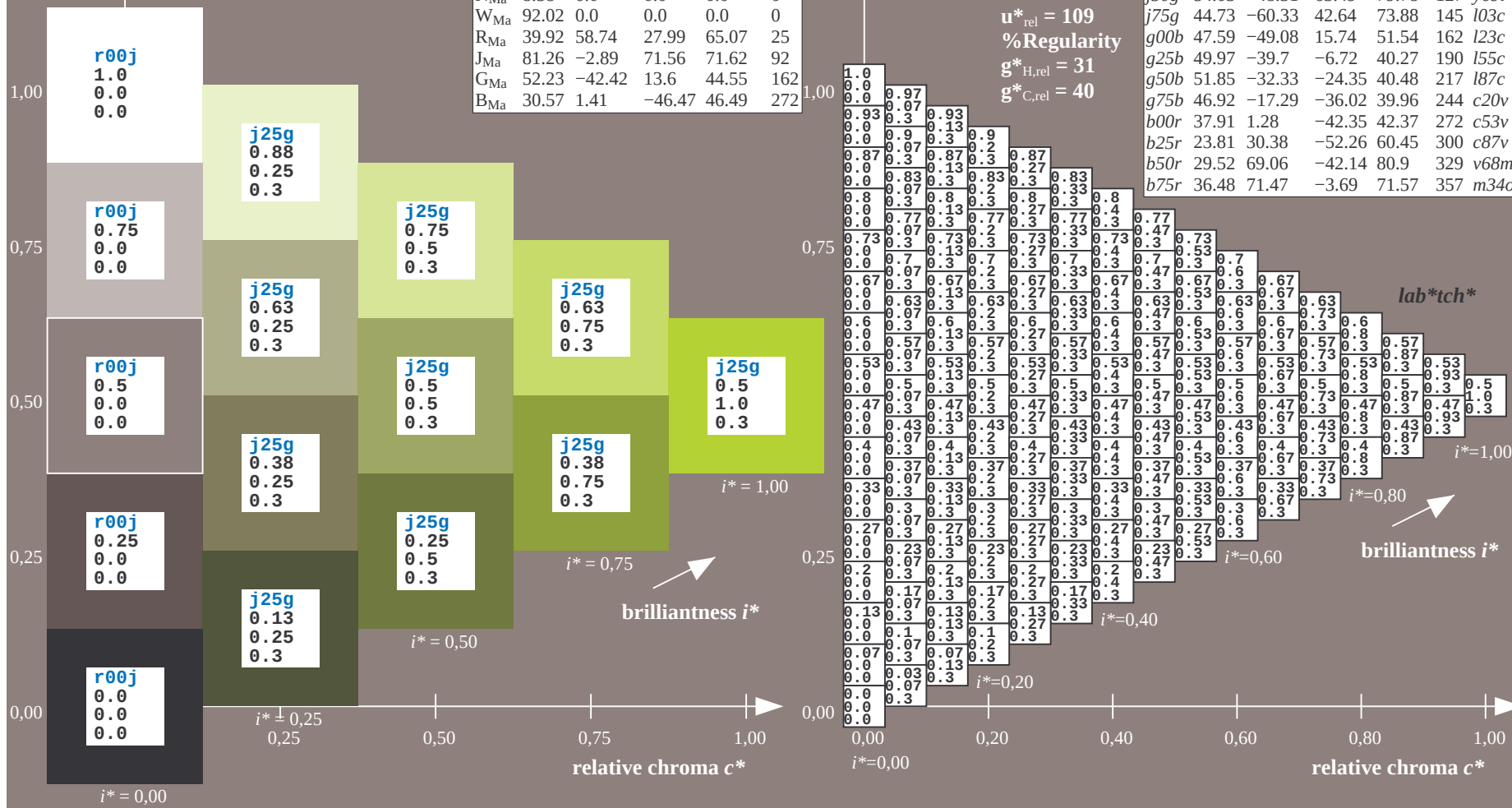
%Regularity

$g_{H,rel}^* = 31$

$g_{C,rel}^* = 40$

FRS09_92a; adapted (a) CIELAB data					
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
r00j	35.47	63.32	30.17	70.15	25
r25j	39.12	54.56	49.45	73.64	42
r50j	50.64	39.15	64.89	75.79	59
r75j	64.01	21.26	82.83	85.52	76
j00g	83.18	-4.38	108.53	108.62	92
j25g	66.73	-29.89	83.06	88.28	110
j50g	54.03	-48.31	63.49	79.78	127
j75g	44.73	-60.33	42.64	73.88	145
g00b	47.59	-49.08	15.74	51.54	162
g25b	49.97	-39.7	-6.72	40.27	190
g50b	51.85	-32.33	-24.35	40.48	217
g75b	46.92	-17.29	-36.02	39.96	244
b00r	37.91	1.28	-42.35	42.37	272
b25r	23.81	30.38	-52.26	60.45	300
b50r	29.52	69.06	-42.14	80.9	329
b75r	36.48	71.47	-3.69	71.57	357

$u_e^* = j25g$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

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

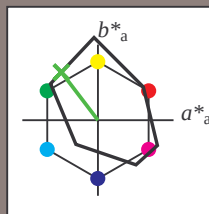
Hue texts:

$u^*_e = j50g$ $u^*_d = y69l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -48 63

$LAB^*LCH^*_{Ma}$: 54 80 127

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

$lab^*olv^*_{Ma}$: 0.3 1.0 0.0

triangle lightness t^*

%Gamut

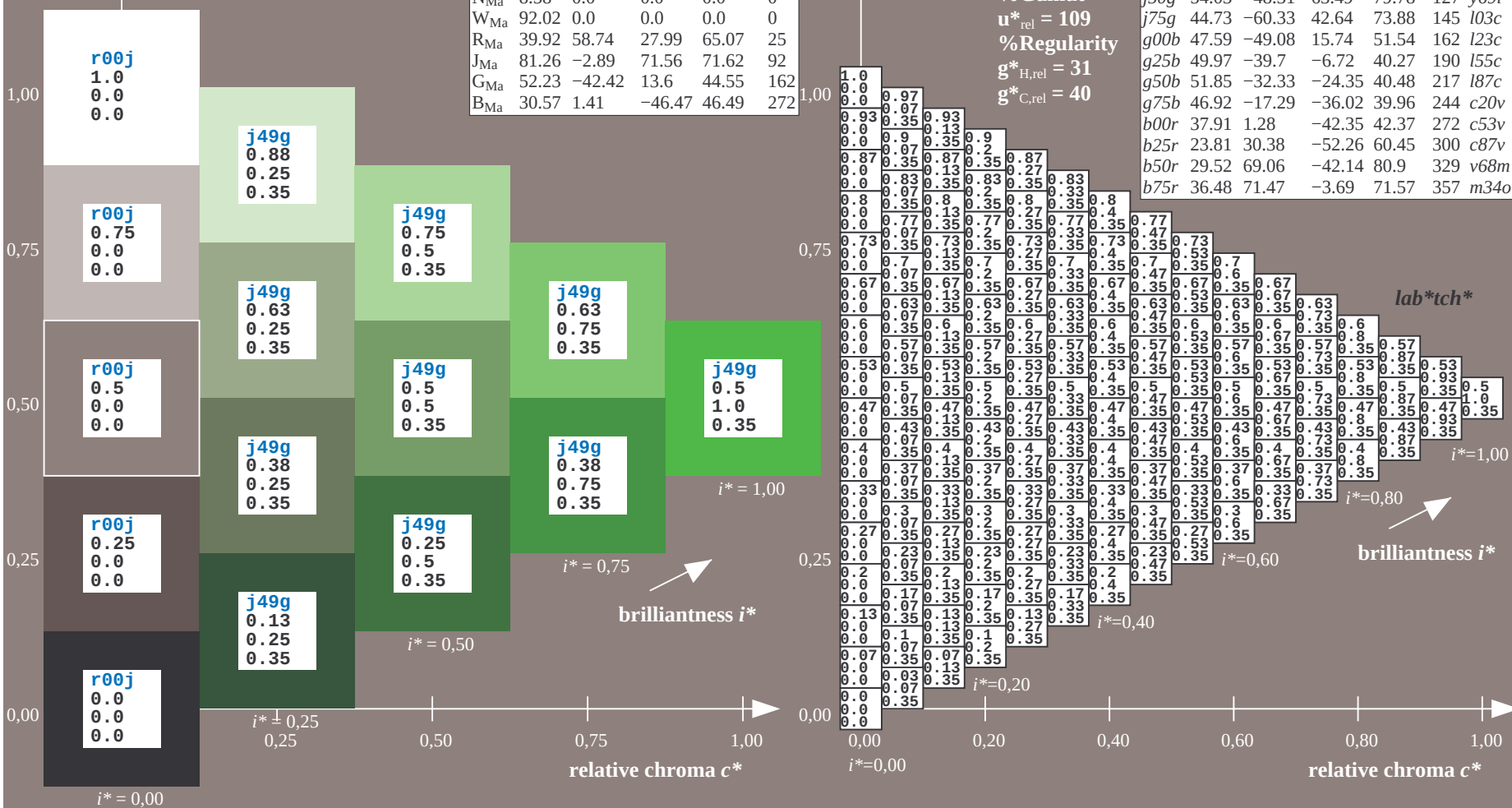
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

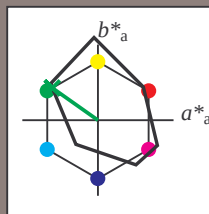
Hue texts:

$u^*_e = j75g$ $u^*_d = i03c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -60 43

$LAB^*LCH^*_{Ma}$: 45 74 144

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.03

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

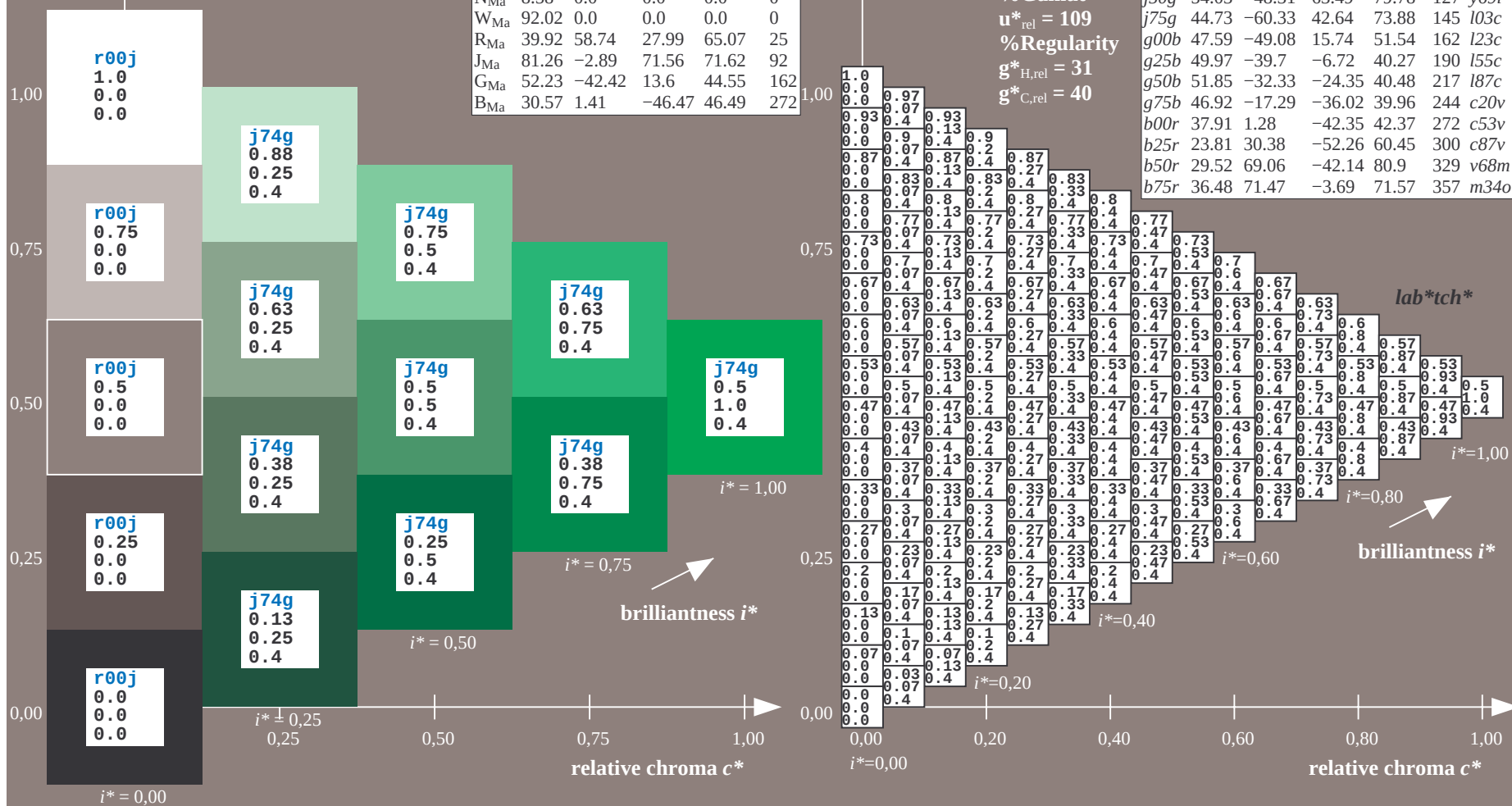
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = j75g$
 lab^*tch^*



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:

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

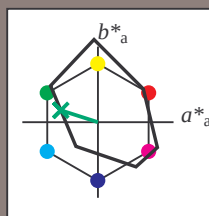
Hue texts:

$u^*_e = g00b$ $u^*_d = l23c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -49 16

$LAB^*LCH^*_{Ma}$: 48 52 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.23

triangle lightness t^*

%Gamut

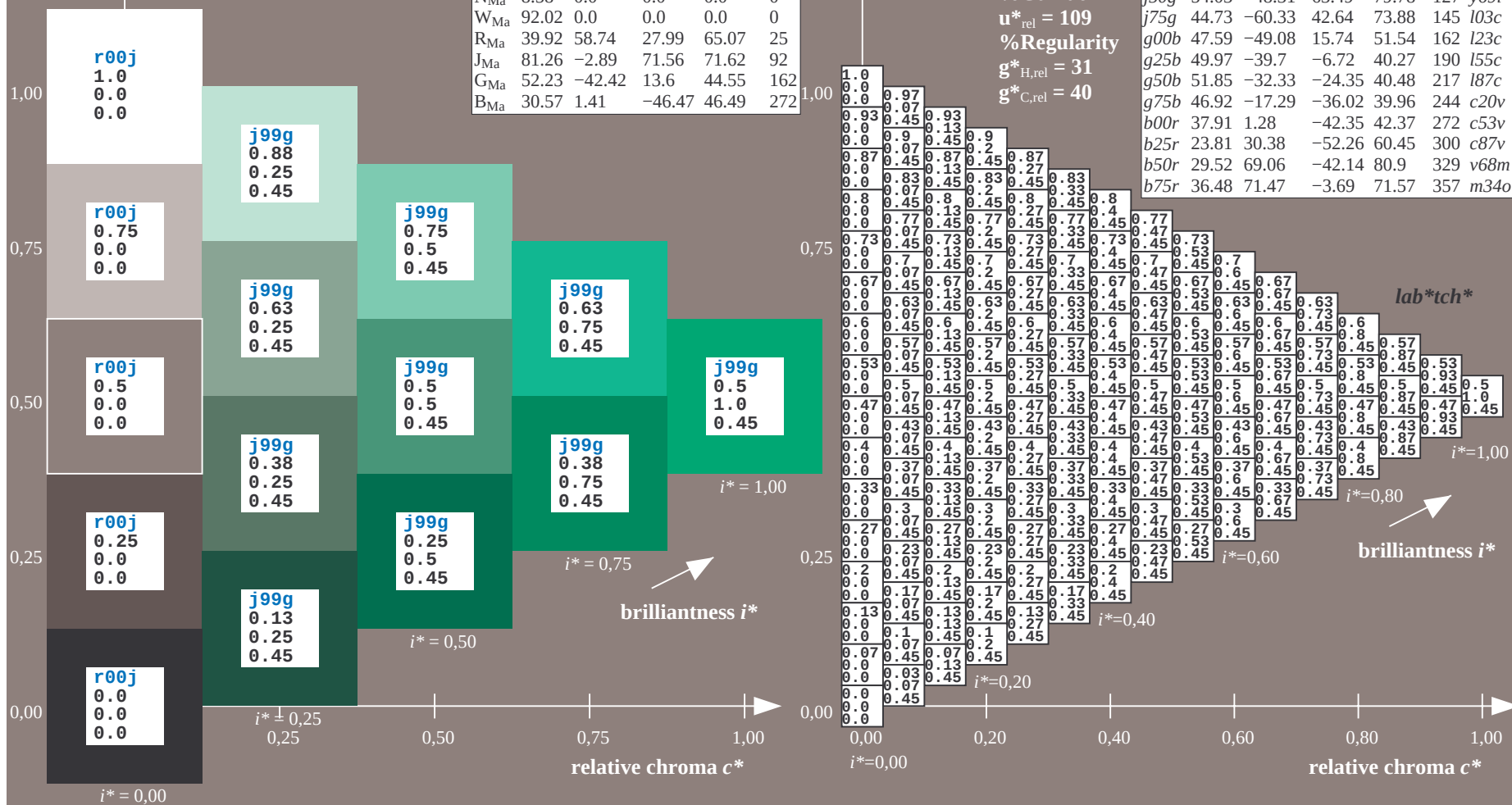
$u^*_{rel} = 109$

%Regularity

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

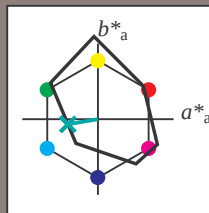
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g25b$ $u^*_d = l55c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -40 -7

$LAB^*LCH^*_{Ma}$: 50 40 189

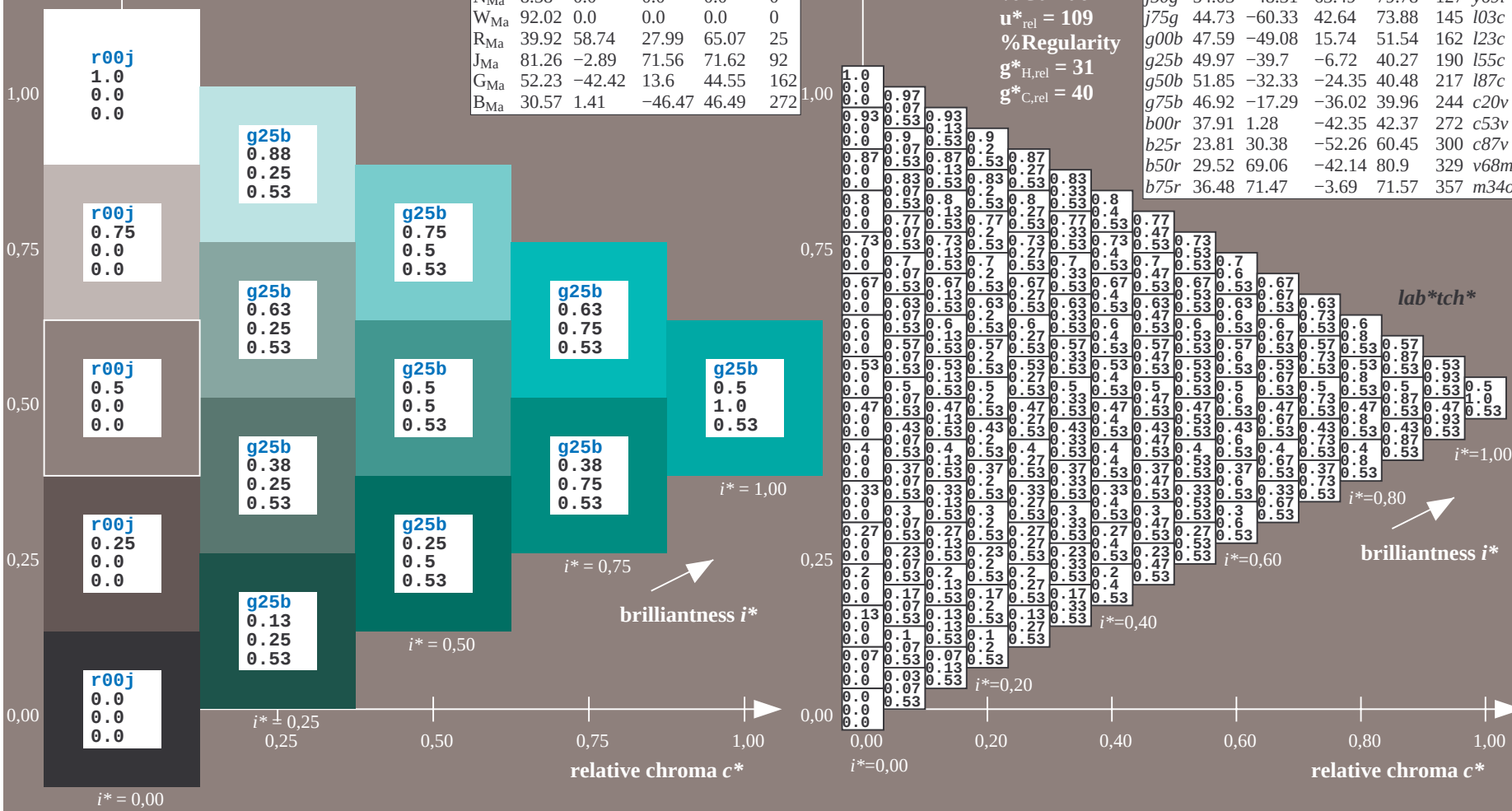
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5

$lab^*olv^*_{Ma}$: 0.0 1.0 0.55

triangle lightness t^*

%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

data for any colour:

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

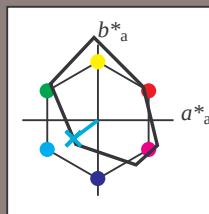
Hue texts:

$u^*_e = g50b$ $u^*_d = l87c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -32 -24

$LAB^*LCH^*_{Ma}$: 52 40 216

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.87

triangle lightness t^*

%Gamut

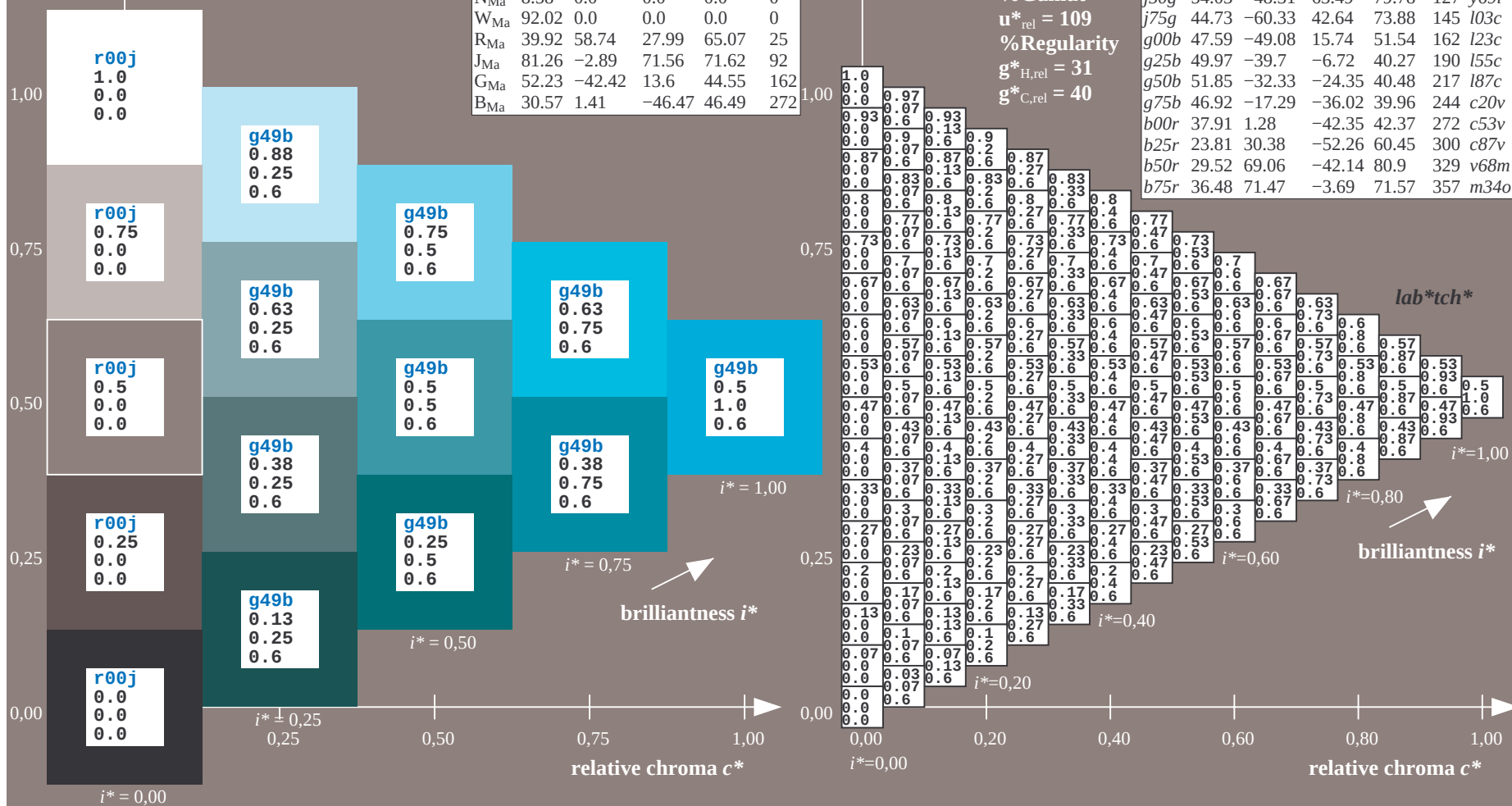
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
<i>r00j</i>	35.47	63.32	30.17	70.15	25	<i>m81o</i>	
<i>r25j</i>	39.12	54.56	49.45	73.64	42	<i>o10y</i>	
<i>r50j</i>	50.64	39.15	64.89	75.79	59	<i>o40y</i>	
<i>r75j</i>	64.01	21.26	82.83	85.52	76	<i>o69y</i>	
<i>j00g</i>	83.18	-4.38	108.53	108.62	92	<i>o98y</i>	
<i>j25g</i>	66.73	-29.89	83.06	88.28	110	<i>y34l</i>	
<i>j50g</i>	54.03	-48.31	63.49	79.78	127	<i>y69l</i>	
<i>j75g</i>	44.73	-60.33	42.64	73.88	145	<i>l03c</i>	
<i>g00b</i>	47.59	-49.08	15.74	51.54	162	<i>l23c</i>	
<i>g25b</i>	49.97	-39.7	-6.72	40.27	190	<i>l55c</i>	
<i>g50b</i>	51.85	-32.33	-24.35	40.48	217	<i>l87c</i>	
<i>g75b</i>	46.92	-17.29	-36.02	39.96	244	<i>c20v</i>	
<i>b00r</i>	37.91	1.28	-42.35	42.37	272	<i>c53v</i>	
<i>b25r</i>	23.81	30.38	-52.26	60.45	300	<i>c87v</i>	
<i>b50r</i>	29.52	69.06	-42.14	80.9	329	<i>v68m</i>	
<i>b75r</i>	36.48	71.47	-3.69	71.57	357	<i>m34o</i>	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$

data for any colour:

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

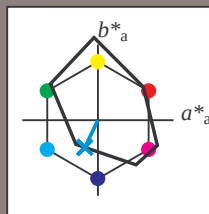
Hue texts:

$u^*_e = g75b$ $u^*_d = c20v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -17 -36

$LAB^*LCH^*_{Ma}$: 47 40 244

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

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

triangle lightness t^*

% Gamut

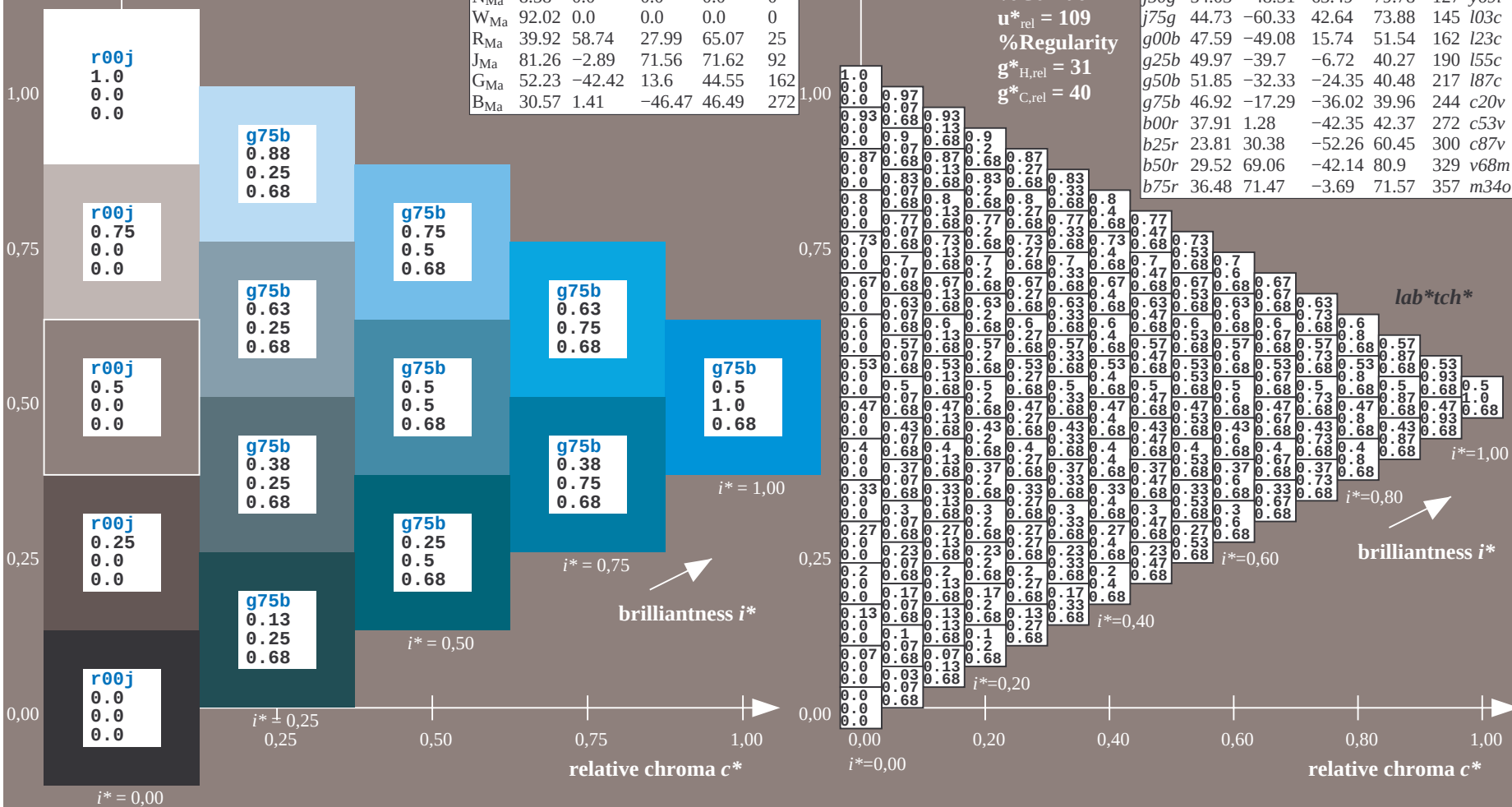
$u^*_{rel} = 109$

% Regularity

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

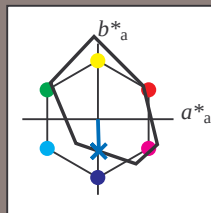
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25
r25j	39.12	54.56	49.45	73.64	42
r50j	50.64	39.15	64.89	75.79	59
r75j	64.01	21.26	82.83	85.52	76
j00g	83.18	-4.38	108.53	108.62	92
j25g	66.73	-29.89	83.06	88.28	110
j50g	54.03	-48.31	63.49	79.78	127
j75g	44.73	-60.33	42.64	73.88	145
g00b	47.59	-49.08	15.74	51.54	162
g25b	49.97	-39.7	-6.72	40.27	190
g50b	51.85	-32.33	-24.35	40.48	217
g75b	46.92	-17.29	-36.02	39.96	244
b00r	37.91	1.28	-42.35	42.37	272
b25r	23.81	30.38	-52.26	60.45	300
b50r	29.52	69.06	-42.14	80.9	329
b75r	36.48	71.47	-3.69	71.57	357



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = b00r$ $u_d^* = c53v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -42

$LAB^*LCH^*_{Ma}$: 38 42 271

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

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

%Gamut

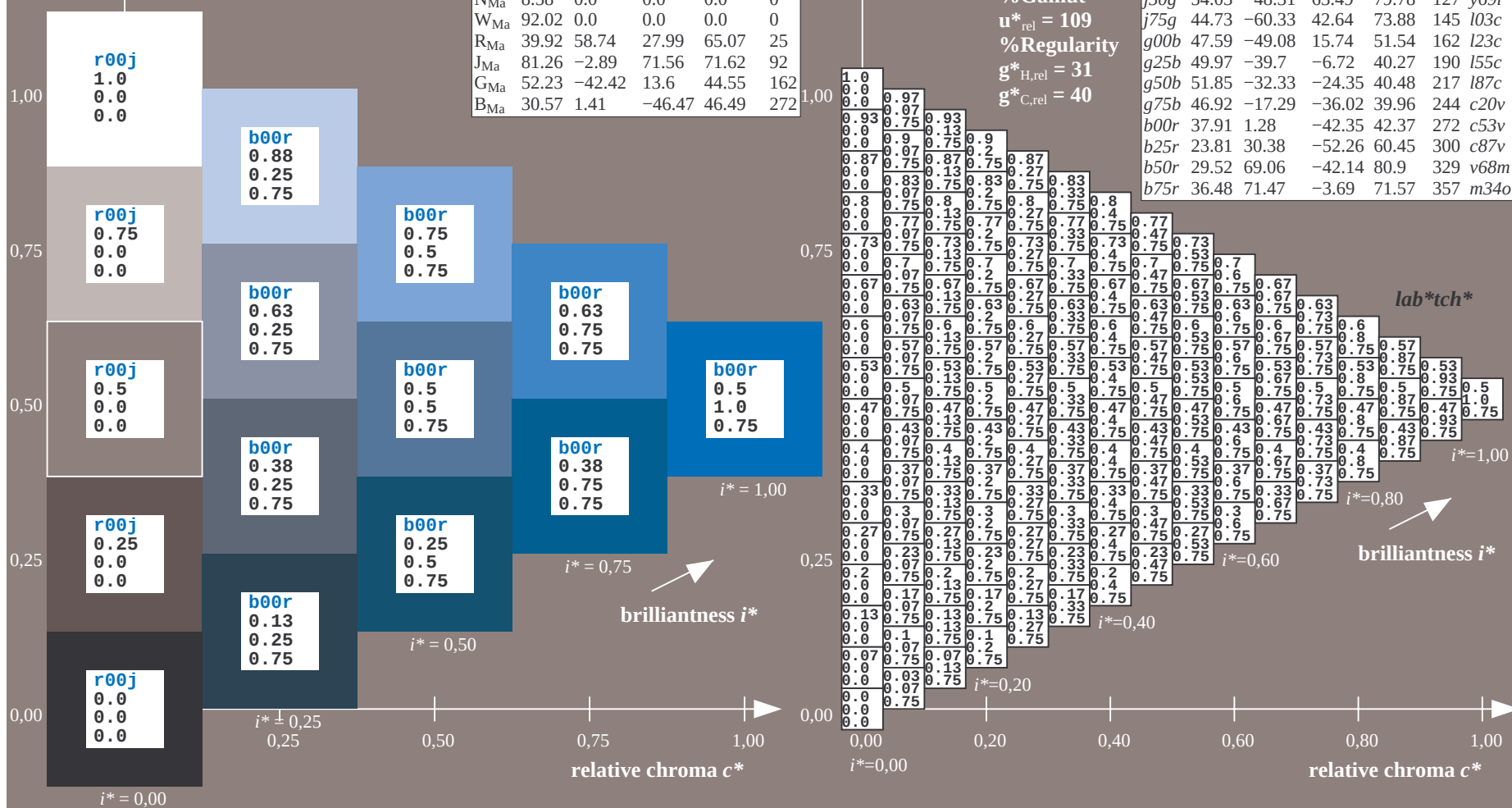
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data									
	u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*		
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		l03c		
g00b	47.59	-49.08	15.74	51.54	162		l23c		
g25b	49.97	-39.7	-6.72	40.27	190		l55c		
g50b	51.85	-32.33	-24.35	40.48	217		l87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

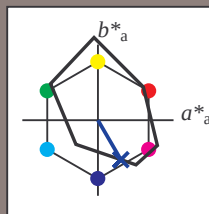
Hue texts:

$u^*_e = b25r$ $u^*_d = c87v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 30 -52

$LAB^*LCH^*_{Ma}$: 24 60 300

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

$lab^*olv^*_{Ma}$: 0.0 0.12 1.0

triangle lightness t^*

%Gamut

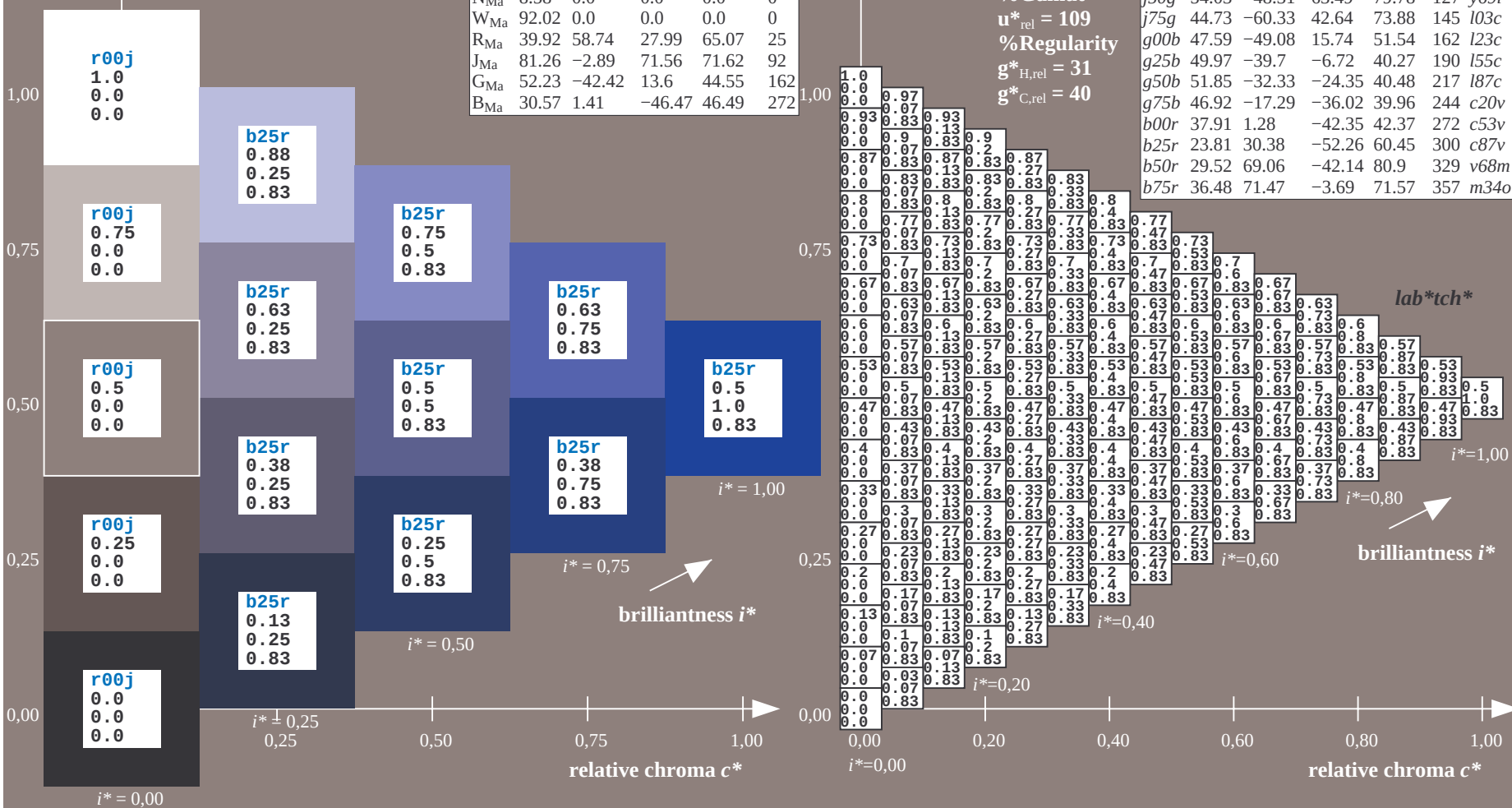
$u^*_{rel} = 109$

%Regularity

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

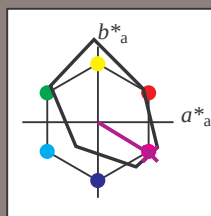
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = b50r$ $u_d^* = v68m$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 69 -42

$LAB^*LCH^*_{Ma}$: 30 81 328

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

$lab^*olv^*_{Ma}$: 0.69 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u_e^*	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

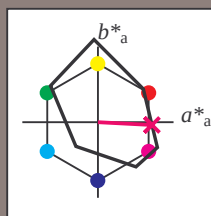
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b75r$ $u^*_d = m34o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 71 -4

$LAB^*LCH^*_{Ma}$: 36 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.66

triangle lightness t^*

%Gamut

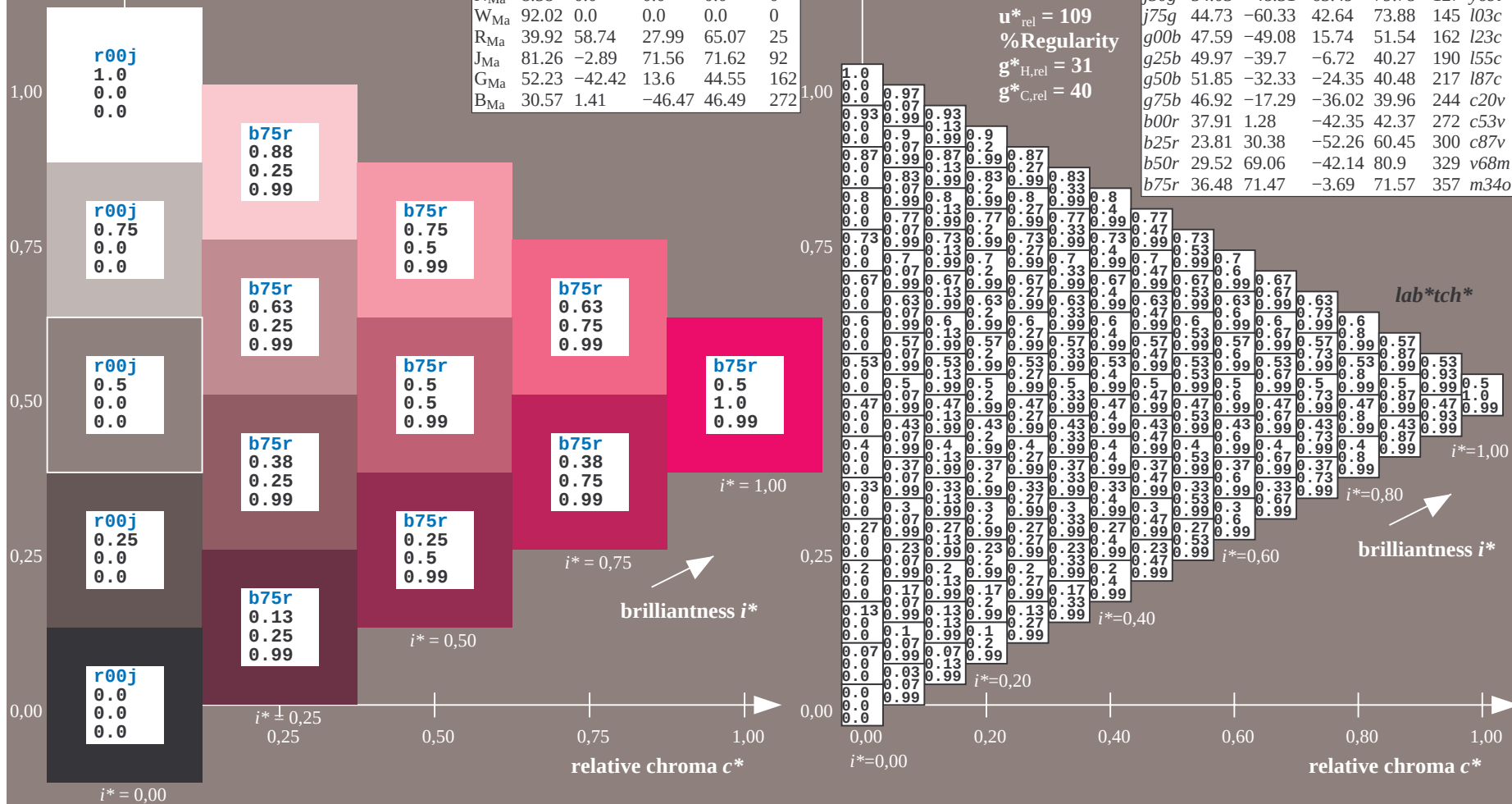
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



See for similar files: <http://www.ps.bam.de/Ee36/>; www.ps.bam.de
Technical information: <http://www.ps.bam.de> Version 2.1, io=1, 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*tch*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
01	0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94	1.0	1.06	1.13	1.19	1.25	1.31	1.38	1.44	1.5	1.56	1.63	1.69	1.75	1.81	1.88	1.94	2.0	2.06	2.13	2.19	2.25	2.31	2.38	2.44	2.5	2.56	2.63	2.69	2.75	2.81	2.88	2.94	3.0	3.06	3.13	3.19	3.25	3.31	3.38	3.44	3.5	3.56	3.63	3.69	3.75	3.81	3.88	3.94	4.0	4.06	4.13	4.19	4.25	4.31	4.38	4.44	4.5	4.56	4.63	4.69	4.75	4.81	4.88	4.94	5.0	5.06	5.13	5.19	5.25	5.31	5.38	5.44	5.5	5.56	5.63	5.69	5.75	5.81	5.88	5.94	6.0	6.06	6.13	6.19	6.25	6.31	6.38	6.44	6.5	6.56	6.63	6.69	6.75	6.81	6.88	6.94	7.0	7.06	7.13	7.19	7.25	7.31	7.38	7.44	7.5	7.56	7.63	7.69	7.75	7.81	7.88	7.94	8.0	8.06	8.13	8.19	8.25	8.31	8.38	8.44	8.5	8.56	8.63	8.69	8.75	8.81	8.88	8.94	9.0	9.06	9.13	9.19	9.25	9.31	9.38	9.44	9.5	9.56	9.63	9.69	9.75	9.81	9.88	9.94	10.0	10.06	10.13	10.19	10.25	10.31	10.38	10.44	10.5	10.56	10.63	10.69	10.75	10.81	10.88	10.94	11.0	11.06	11.13	11.19	11.25	11.31	11.38	11.44	11.5	11.56	11.63	11.69	11.75	11.81	11.88	11.94	12.0	12.06	12.13	12.19	12.25	12.31	12.38	12.44	12.5	12.56	12.63	12.69	12.75	12.81	12.88	12.94	13.0	13.06	13.13	13.19	13.25	13.31	13.38	13.44	13.5	13.56	13.63	13.69	13.75	13.81	13.88	13.94	14.0	14.06	14.13	14.19	14.25	14.31	14.38	14.44	14.5	14.56	14.63	14.69	14.75	14.81	14.88	14.94	15.0	15.06	15.13	15.19	15.25	15.31	15.38	15.44	15.5	15.56	15.63	15.69	15.75	15.81	15.88	15.94	16.0	16.06	16.13	16.19	16.25	16.31	16.38	16.44	16.5	16.56	16.63	16.69	16.75	16.81	16.88	16.94	17.0	17.06	17.13	17.19	17.25	17.31	17.38	17.44	17.5	17.56	17.63	17.69	17.75	17.81	17.88	17.94	18.0	18.06	18.13	18.19	18.25	18.31	18.38	18.44	18.5	18.56	18.63	18.69	18.75	18.81	18.88	18.94	19.0	19.06	19.13	19.19	19.25	19.31	19.38	19.44	19.5	19.56	19.63	19.69	19.75	19.81	19.88	19.94	20.0	20.06	20.13	20.19	20.25	20.31	20.38	20.44	20.5	20.56	20.63	20.69	20.75	20.81	20.88	20.94	21.0	21.06	21.13	21.19	21.25	21.31	21.38	21.44	21.5	21.56	21.63	21.69	21.75	21.81	21.88	21.94	22.0	22.06	22.13	22.19	22.25	22.31	22.38	22.44	22.5	22.56	22.63	22.69	22.75	22.81	22.88	22.94	23.0	23.06	23.13	23.19	23.25	23.31	23.38	23.44	23.5	23.56	23.63	23.69	23.75	23.81	23.88	23.94	24.0	24.06	24.13	24.19	24.25	24.31	24.38	24.44	24.5	24.56	24.63	24.69	24.75	24.81	24.88	24.94	25.0	25.06	25.13	25.19	25.25	25.31	25.38	25.44	25.5	25.56	25.63	25.69	25.75	25.81	25.88	25.94	26.0	26.06	26.13	26.19	26.25	26.31	26.38	26.44	26.5	26.56	26.63	26.69	26.75	26.81	26.88	26.94	27.0	27.06	27.13	27.19	27.25	27.31	27.38	27.44	27.5	27.56	27.63	27.69	27.75	27.81	27.88	27.94	28.0	28.06	28.13	28.19	28.25	28.31	28.38	28.44	28.5	28.56	28.63	28.69	28.75	28.81	28.88	28.94	29.0	29.06	29.13	29.19	29.25	29.31	29.38	29.44	29.5	29.56	29.63	29.69	29.75	29.81	29.88	29.94	30.0	30.06	30.13	30.19	30.25	30.31	30.38	30.44	30.5	30.56	30.63	30.69	30.75	30.81	30.88	30.94	31.0	31.06	31.13	31.19	31.25	31.31	31.38	31.44	31.5	31.56	31.63	31.69	31.75	31.81	31.88	31.94	32.0	32.06	32.13	32.19	32.25	32.31	32.38	32.44	32.5	32.56	32.63	32.69	32.75	32.81	32.88	32.94	33.0	33.06	33.13	33.19	33.25	33.31	33.38	33.44	33.5	33.56	33.63	33.69	33.75	33.81	33.88	33.94	34.0	34.06	34.13	34.19	34.25	34.31	34.38	34.44	34.5	34.56	34.63	34.69	34.75	34.81	34.88	34.94	35.0	35.06	35.13	35.19	35.25	35.31	35.38	35.44	35.5	35.56	35.63	35.69	35.75	35.81	35.88	35.94	36.0	36.06	36.13	36.19	36.25	36.31	36.38	36.44	36.5	36.56	36.63	36.69	36.75	36.81	36.88	36.94	37.0	37.06	37.13	37.19	37.25	37.31	37.38	37.44	37.5	37.56	37.63	37.69	37.75	37.81	37.88	37.94	38.0	38.06	38.13	38.19	38.25	38.31	38.38	38.44	38.5	38.56	38.63	38.69	38.75	38.81	38.88	38.94	39.0	39.06	39.13	39.19	39.25	39.31	39.38	39.44	39.5	39.56	39.63	39.69	39.75	39.81	39.88	39.94	40.0	40.06	40.13	40.19	40.25	40.31	40.38	40.44	40.5	40.56	40.63	40.69	40.75	40.81	40.88	40.94	41.0	41.06	41.13	41.19	41.25	41.31	41.38	41.44	41.5	41.56	41.63	41.69	41.75	41.81	41.88	41.94	42.0	42.06	42.13	42.19	42.25	42.31	42.38	42.44	42.5	42.56	42.63	42.69	42.75	42.81	42.88	42.94	43.0	43.06	43.13	43.19	43.25	43.31	43.38	43.44	43.5	43.56	43.63	43.69	43.75	43.81	43.88	43.94	44.0	44.06	44.13	44.19	44.25	44.31	44.38	44.44	44.5	44.56	44.63	44.69	44.75	44.81	44.88	44.94	45.0	45.06	45.13	45.19	45.25	45.31	45.38	45.44	45.5	45.56	45.63	45.69	45.75	45.81	45.88	45.94	46.0	46.06	46.13	46.19	46.25	46.31	46.38	46.44	46.5	46.56	46.63	46.69	46.75	46.81	46.88	46.94	47.0	47.06	47.13	47.19	47.25	47.31	47.38	47.44	47.5	47.56	47.63	47.69	47.75	47.81	47.88	47.94	48.0	48.06	48.13	48.19	48.25	48.31	48.38	48.44	48.5	48.56	48.63	48.69	48.75	48.81	48.88	48.94	49.0	49.06	49.13	49.19	49.25	49.31	49.38	49.44	49.5	49.56	49.63	49.69	49.75	49.81	49.88	49.94	50.0	50.06	50.13	50.19	50.25	50.31	50.38	50.44	50.5	50.56	50.63	50.69	50.75	50.81	50.88	50.94	51.0	51.06	51.13	51.19	51.25	51.31	51.38	51.44	51.5	51.56	51.63	51.69	51.75	51.81	51.88	51.94	52.0	52.06	52.13	52.19	52.25	52.31	52.38	52.44	52.5	52.56	52.63	52.69	52.75	52.81	52.88	52.94	53.0	53.06	53.13	53.19	53.25	53.31	53.38	53.44	53.5	53.56	53.63	53.69	53.75	53.81	53.88	53.94	54.0	54.06	54.13	54.19	54.25	54.31	54.38	54.44	54.5	54.56	54.63	54.69	54.75	54.81	54.88	54.94	55.0	55.06	55.13	55.19	55.25	55.31	55.38	55.44	55.5	55.56	55.63	55.69	55.75	55.81	55.88	55.94	56.0	56.06	56.13	56.19	56.25	56.31	56.38	56.44	56.5	56.56	56.63	56.69	56.75	56.81	56.88	56.94	57.0	57.06	57.13	57.19	57.25	57.31	57.38	57.44	57.5	57.56	57.63	57.69	57.75	57.81	57.88	57.94	58.0	58.06	58.13	58.19	58.25	58.31	58.38	58.44	58.5	58.56	58.63	58.69	58.75	58.81	58.88	58.94	59.0	59.06	59.13	59.19	59.25	59.31	59.38	59.44	59.5	59.56	59.63	59.69	59.75	59.81	59.88	59.94	60.0	60.06	60.13	60.19	60.25	60.31	60.38	60.44	60.5	60.56	60.63	60.69	60.75	60.81	60.88	60.94	61.0	61.06	61.13	61.19	61.25	61.31	61.38	61.44	61.5	61.56	61.63	61.69	61.75	61.81	61.88	61.94	62.0	62.06	62.13	62.19	62.25	62.31	62.38	62.44	62.5	62.56	62.63	62.69	62.75	62.81	62.88	62.94	63.0	63.06	63.13	63.19	63.25	63.31	63.38	63.44	63.5	63.56	63.63	63.69	63.75	63.81	63.88	63.94	64.0	64.06	64.13	64.19	64.25	64.31	64.38	64.44	64.5	64.56	64.63	64.69	64.75	64.81	64.88	64.94	65.0	65.06	65.13	65.19	65.25	65.31	65.38	65.44	65.5	65.56	65.63	65.69	65.75	65.81	65.88	65.94	66.0	66.06	66.13	66.19	66.25	66.31	66.38	66.44	66.5	66.56	66.63	66.69	66.75	66.81	66.88	66.94	67.0	67.06	67.13	67.19	67.25	67.31	67.38	67.44	67.5	67.56	67.63	67.69	67.75	67.81	67.88	67.94	68.0	68.06	68.13	68.19	68.25	68.31	68.38	68.44	68.5	68.56	68.63	68.69	68.75	68.81	68.88	68.94	69.0	69.06	69.13	69.19	69.25	69.31	69.38	69.44	69.5	69.56	69.63	69.69	69.75	69.81	69.88	69.94	70.0	70.06	70.13	70.19	70.25	70.31	70.38	70.44	70.5	70.56	70.63	70.69	70.75	70.81	70.88	70.94	71.0	71.06	71.13	71.19	71.25	71.31	71.38	71.44	71.5	71.56	71.63	71.69	71.75	71.81	71.88	71.94	72.0	72.06	72.13	72.19	72.25	72.31	72.38	72.44	72.5	72.56	72.63	72.69	72.75	72.81	72.88	72.94	73.0	73.06	73.13	73.19	73.25	73.31	73.38	73.44	73.5	73.56	73.63	73.69	73.75	73.81	73.88	73.94	74.0	74.06	74.13	74.19	74.25	74.31	74.38	74.44	74.5	74.56	74.63	74.69	74.75	74.81	74.88	74.94	75.0	75.06	75.13	75.19	75.25	75.31	75.38	75.44	75.5	75.56	75.63	75.69	75.75	75.81	75.88	75.94	76.0	76.06	76.13	76.19	76.25	76.31	76.38	

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:

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

elementary hue text:

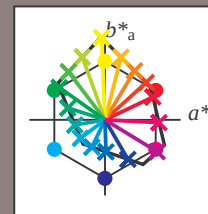
$u^*_e = 16$ hues $r00j$, $r25j$, ..., $b75r$

contrast reduction factor:

$c_R = 1.0$

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Gamut

$u^*_{rel} = 109$

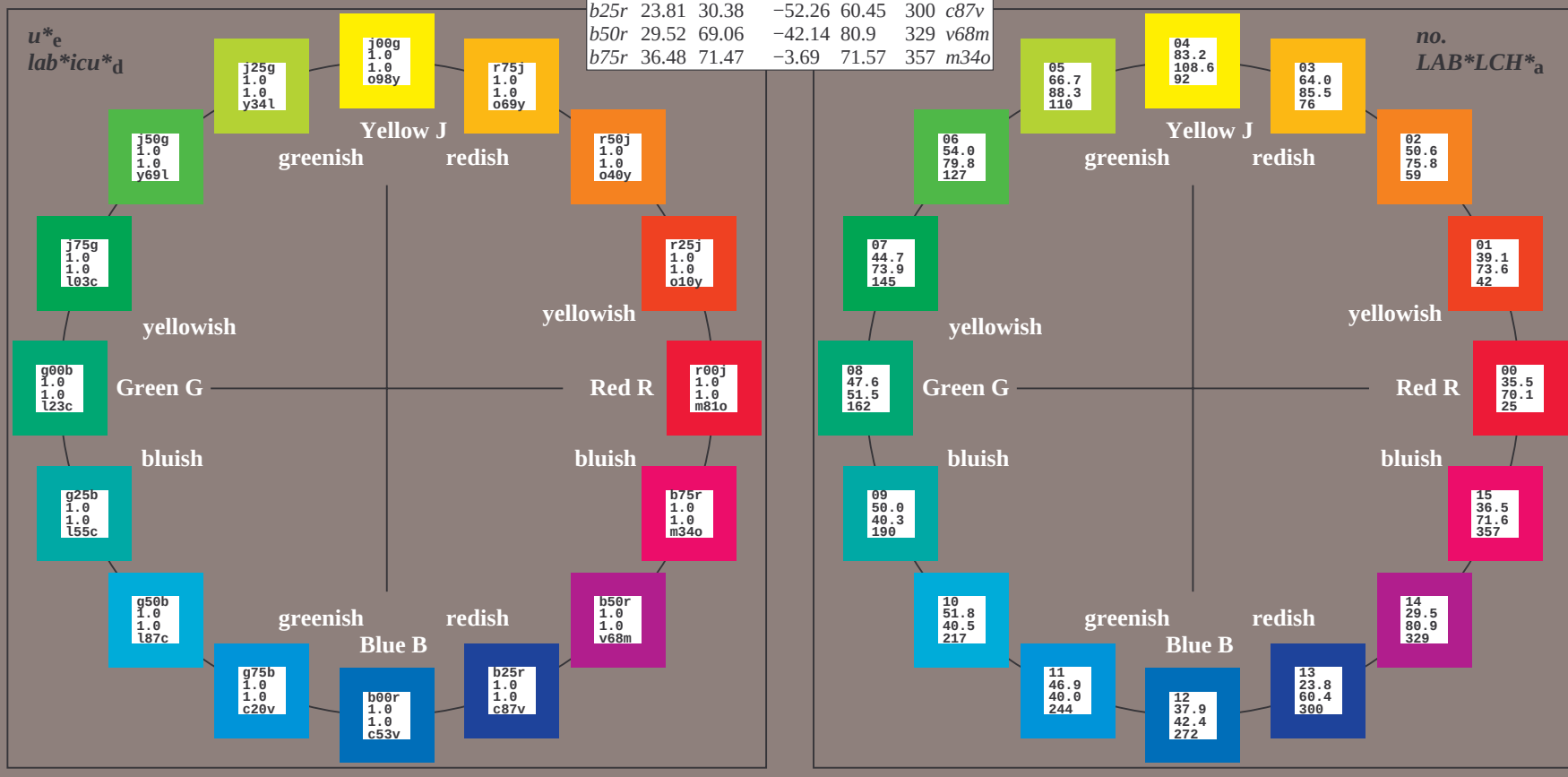
%Regularity

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

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

FRS09_92a; 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
R_{CIE}	39.92	58.74	27.99	65.07	92
J_{CIE}	81.26	-2.89	71.56	71.62	25
G_{CIE}	52.23	-42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

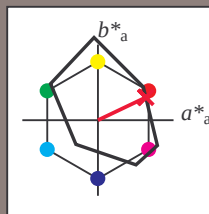
Hue texts:

$u^*_e = r00j$ $u^*_d = m81o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 63 30

$LAB^*LCH^*_{Ma}$: 35 70 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

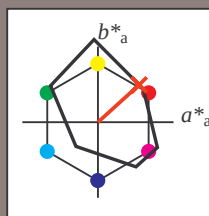
$g^*_{H,rel} = 31$

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r25j$ $u^*_d = o10y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 55 49

$LAB^*LCH^*_{Ma}$: 39 74 42

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

$lab^*olv^*_{Ma}$: 1.0 0.11 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

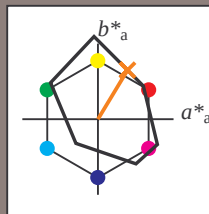
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r50j$ $u^*_d = o40y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 39 65

$LAB^*LCH^*_{Ma}$: 51 76 58

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

$lab^*olv^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

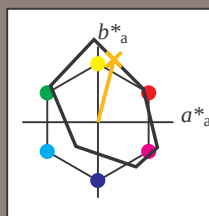
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r75j$ $u^*_d = o69y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 21 83

$LAB^*LCH^*_{Ma}$: 64 86 75

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

$lab^*olv^*_{Ma}$: 1.0 0.7 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

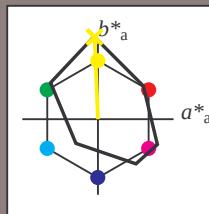
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j00g$ $u^*_d = o98y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	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
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -4 109

$LAB^*LCH^*_{Ma}$: 83 109 92

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

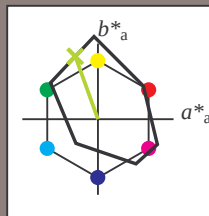
$g^*_{H,rel} = 31$

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j25g$ $u^*_d = y34l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -30 83

$LAB^*LCH^*_{Ma}$: 67 88 109

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

$lab^*olv^*_{Ma}$: 0.66 1.0 0.0

triangle lightness t^*

%Gamut

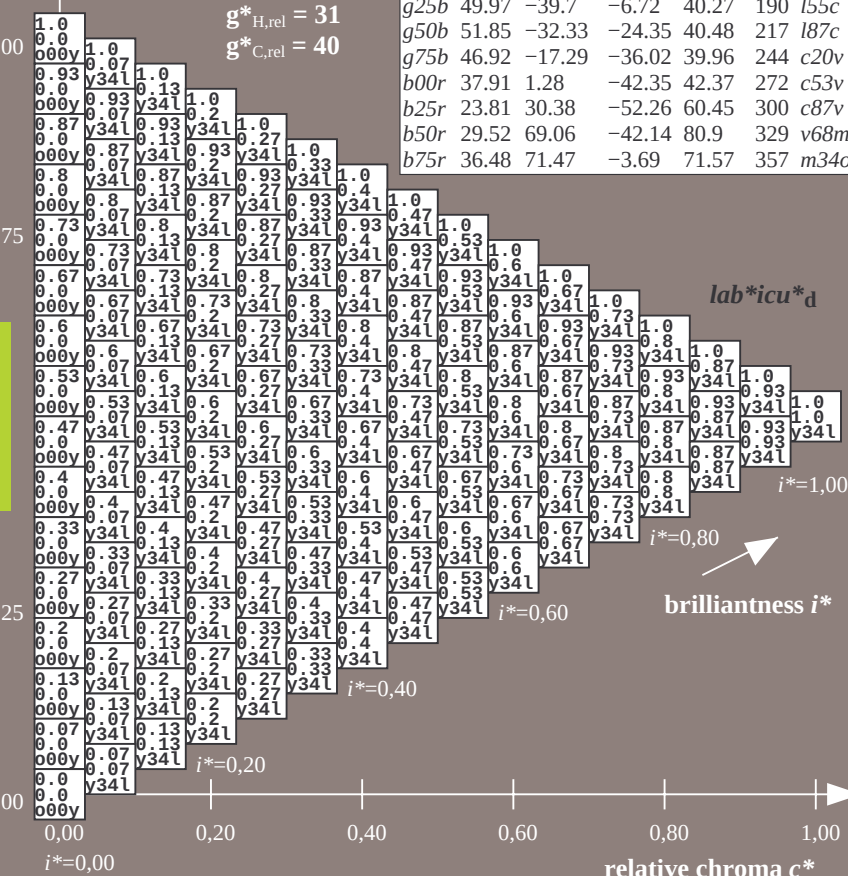
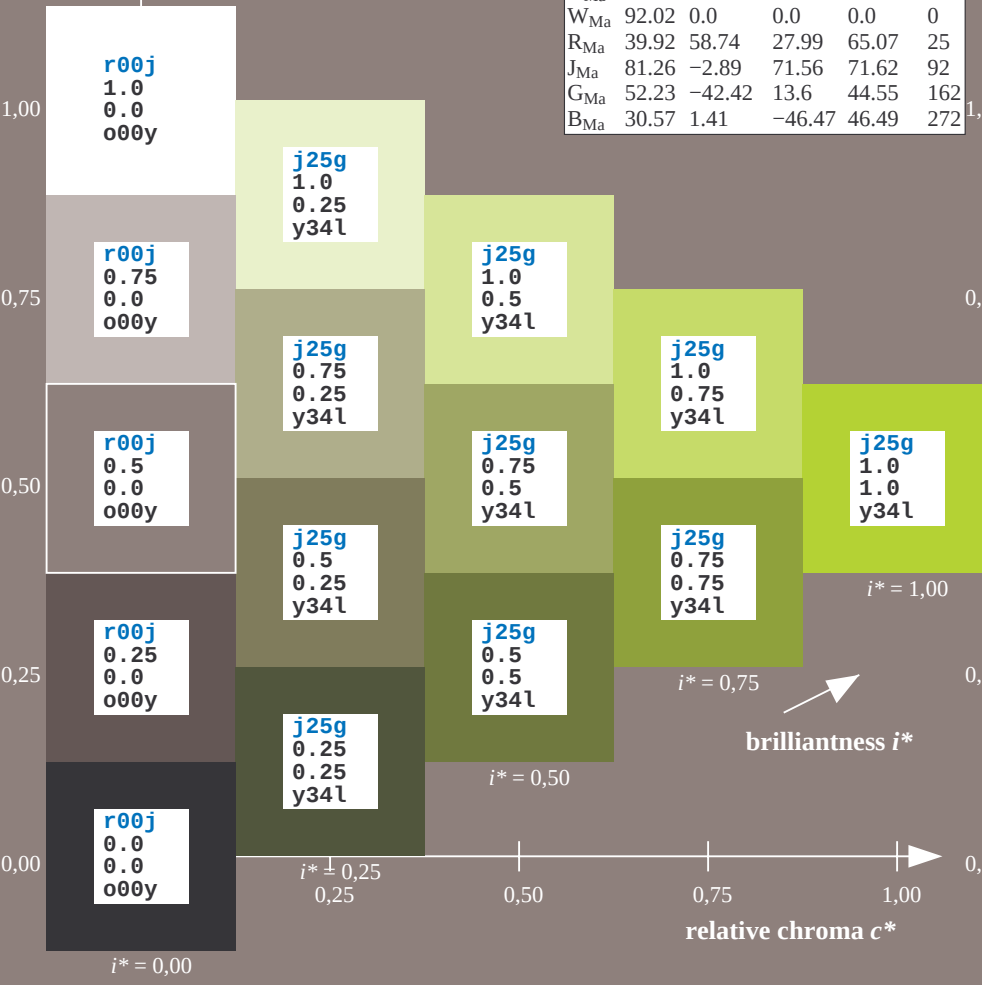
$u^*_{rel} = 109$

%Regularity

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

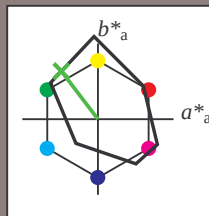
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j50g$ $u^*_d = y69l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -48 63

$LAB^*LCH^*_{Ma}$: 54 80 127

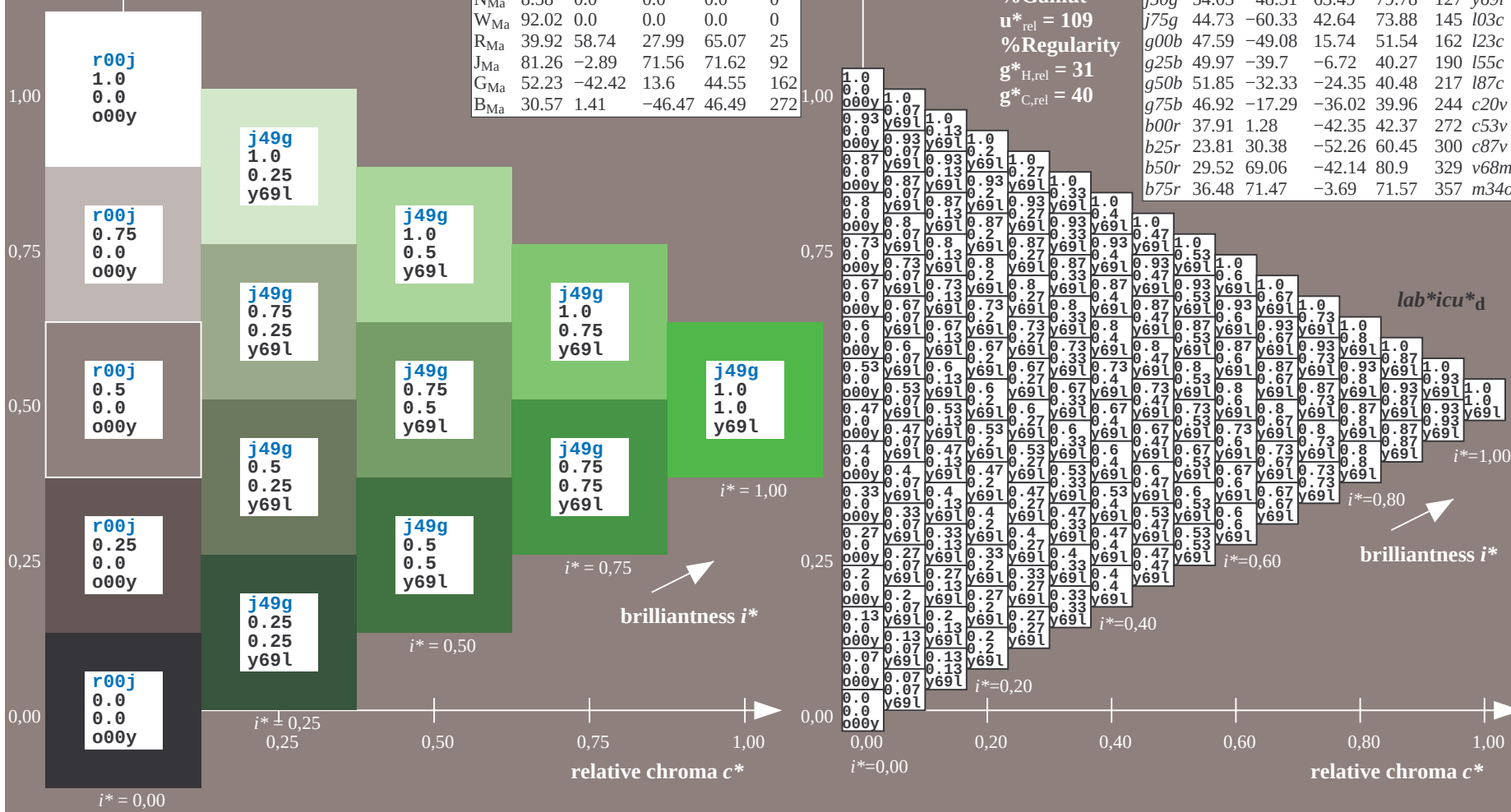
$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0

$lab^*olv^*_{Ma}$: 0.3 1.0 0.0

triangle lightness t^*

%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

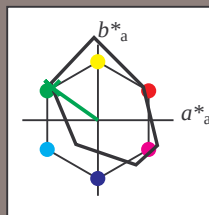
Hue texts:

$u^*_e = j75g$ $u^*_d = i03c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -60 43

$LAB^*LCH^*_{Ma}$: 45 74 144

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.03

triangle lightness t^*

%Gamut

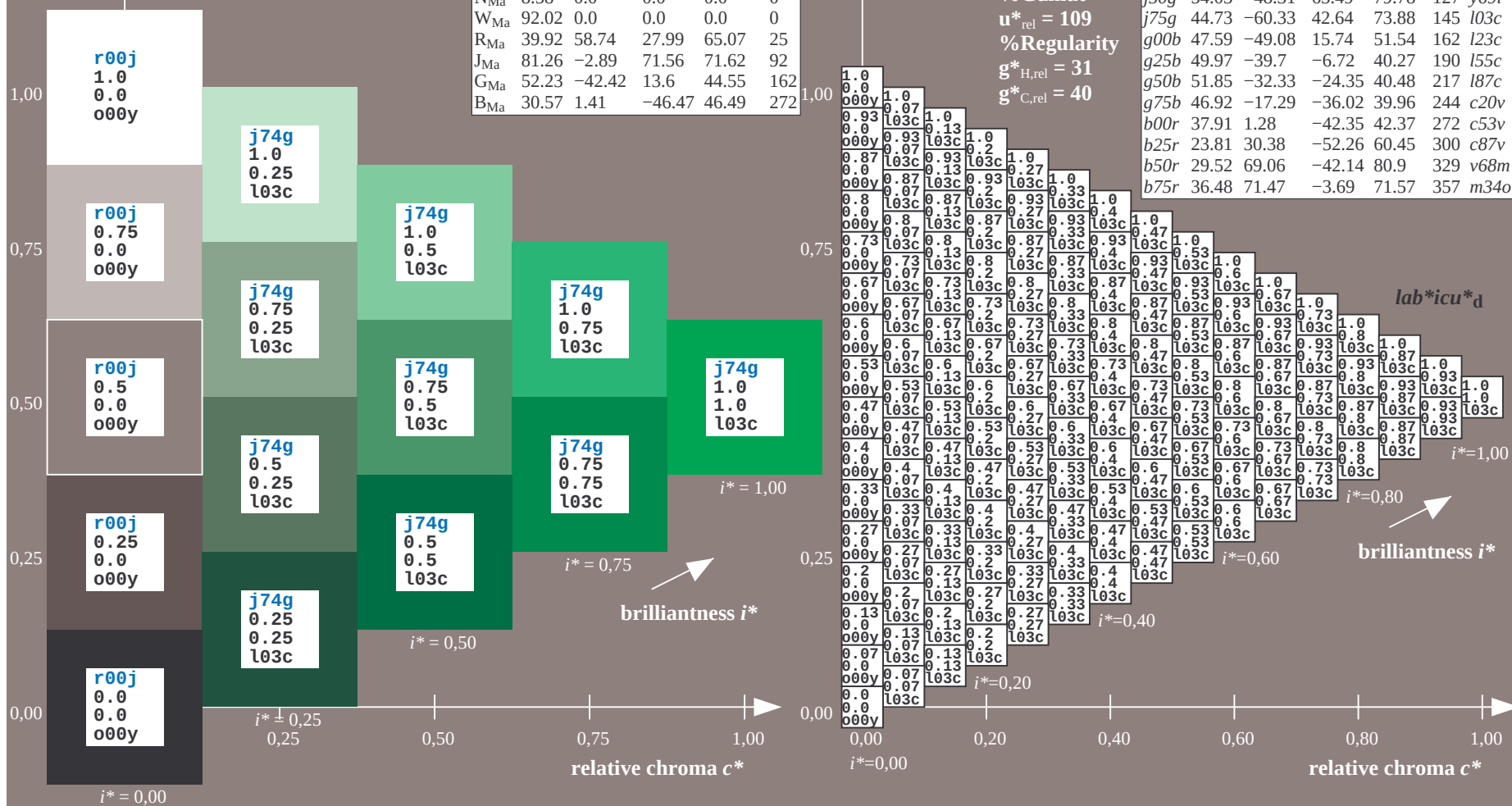
$u^*_{rel} = 109$

%Regularity

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

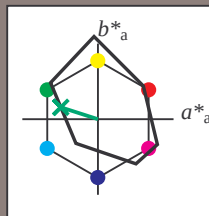
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g00b$ $u^*_d = l23c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -49 16

$LAB^*LCH^*_{Ma}$: 48 52 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.23

triangle lightness t^*

%Gamut

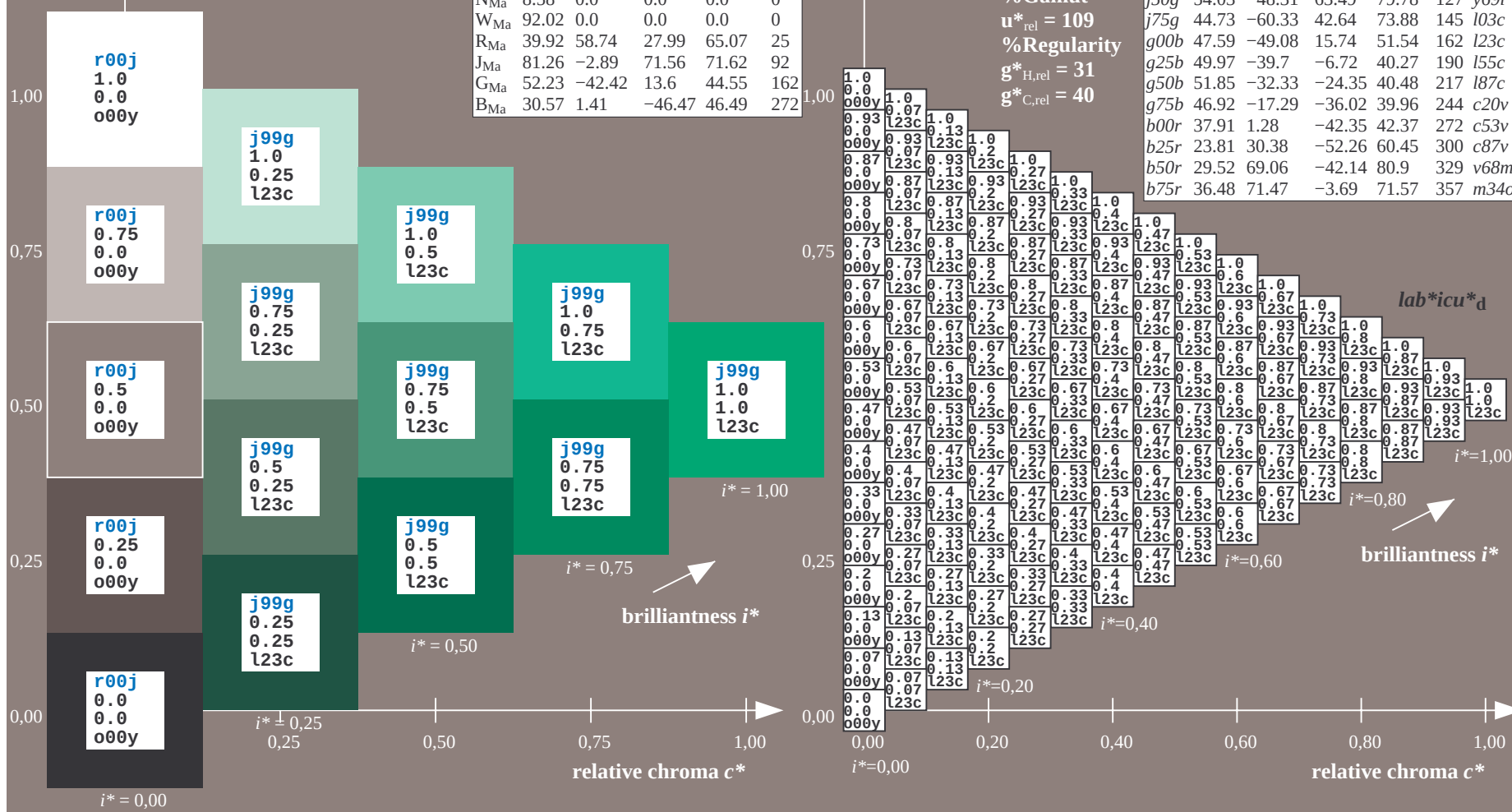
$u^*_{rel} = 109$

%Regularity

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

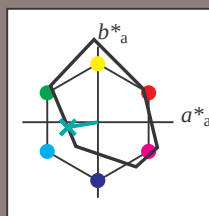
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g25b$ $u^*_d = l55c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -40 -7

$LAB^*LCH^*_{Ma}$: 50 40 189

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.55

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

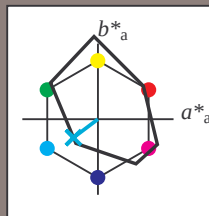
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g50b$ $u^*_d = l87c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



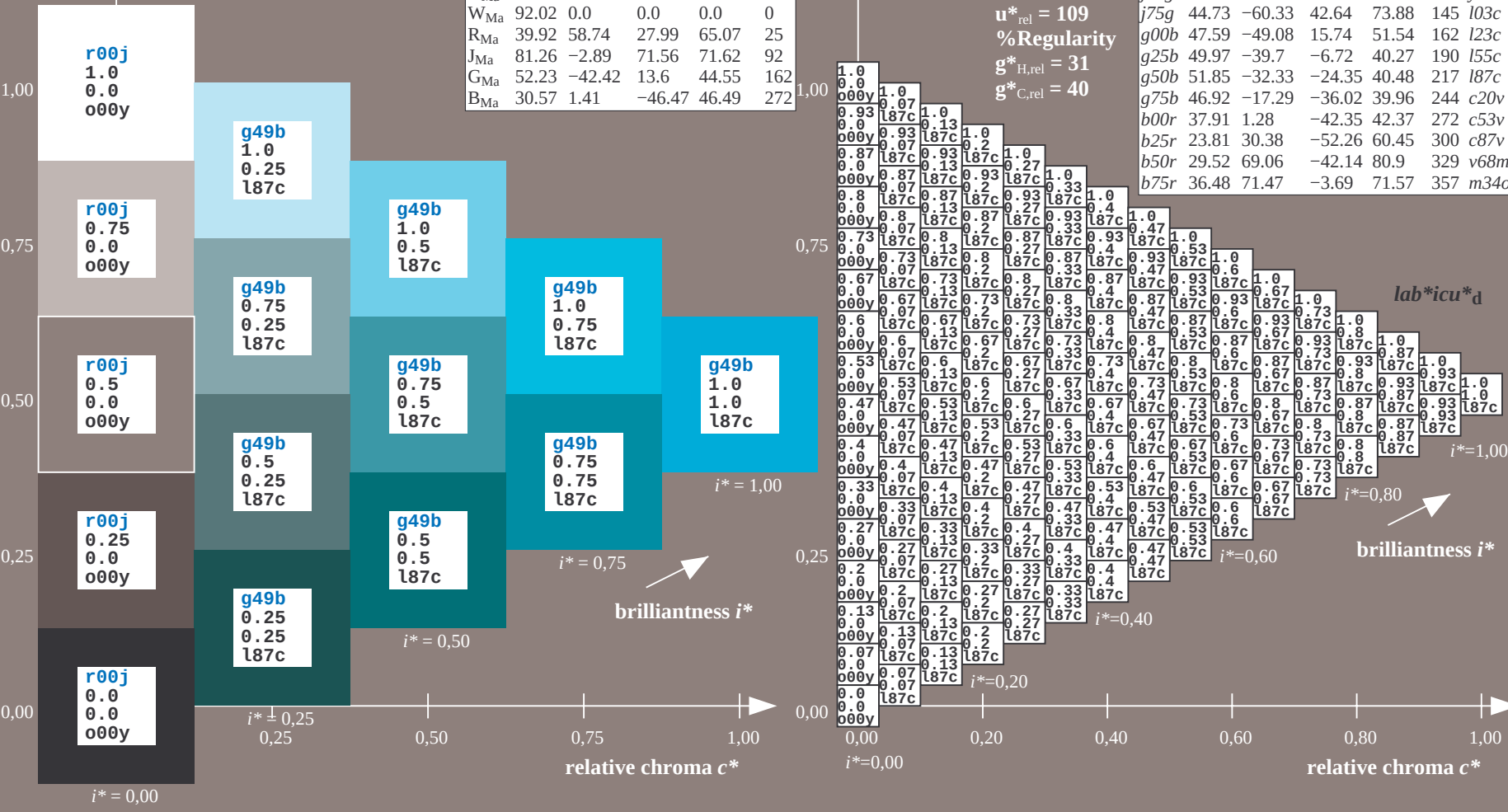
FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
O _{Ma}	35.06	60.0	44.0	74.4	36	
Y _{Ma}	83.77	-5.17	109.32	109.44	93	
L _{Ma}	44.13	-62.67	48.24	79.09	142	
C _{Ma}	52.66	-29.14	-31.99	43.27	228	
V _{Ma}	14.15	50.3	-59.04	77.57	310	
M _{Ma}	37.37	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -32 -24
 $LAB^*LCH^*_{Ma}$: 52 40 216
 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.87
triangle lightness t^*

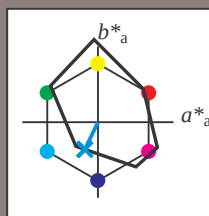
%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 47 -17 -36

$LAB^*LCH^*_{Ma}$: 47 40 244

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

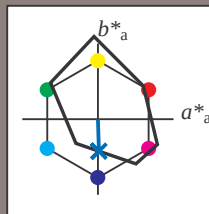
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = g75b$
 $lab^*icu^*_d$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b00r$ $u^*_d = c53v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -42

$LAB^*LCH^*_{Ma}$: 38 42 271

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

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

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_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

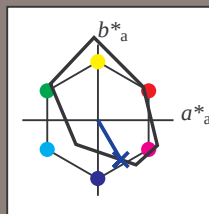
Hue texts:

$u_e^* = b25r$ $u_d^* = c87v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 30 -52

$LAB^*LCH^*_{Ma}$: 24 60 300

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

$lab^*olv^*_{Ma}$: 0.0 0.12 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

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_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

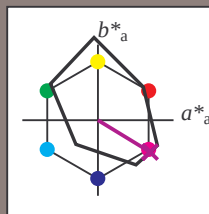
Hue texts:

$u^*_e = b50r$ $u^*_d = v68m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 69 -42

$LAB^*LCH^*_{Ma}$: 30 81 328

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

$lab^*olv^*_{Ma}$: 0.69 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$lab^*icu^*_d$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

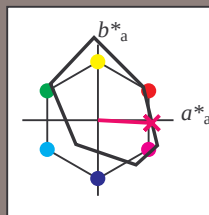
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b75r$ $u^*_d = m34o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 71 -4

$LAB^*LCH^*_{Ma}$: 36 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.66

triangle lightness t^*

% Gamut

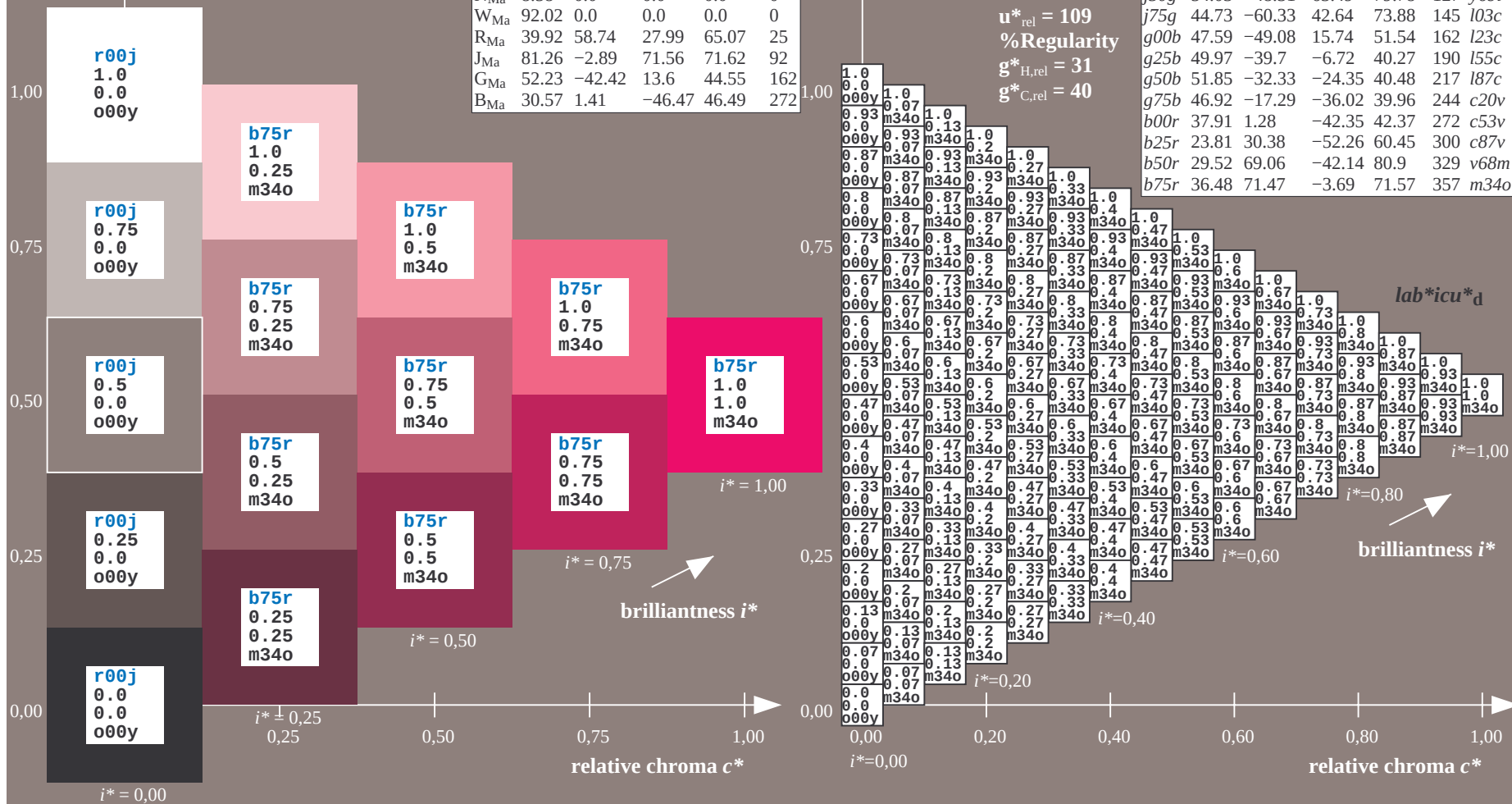
$u^*_{rel} = 109$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



See for similar files: <http://www.ps.bam.de/Ee36/>; www.ps.bam.de
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=0

BAM registration: 20081001-Ee36/10L/L36E00NA.PS/.TXT 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*icu*d		
01	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	
	00y0	100c	100c	100c	100c	100c	100c	100c	100c	00y0	y001	y251	y661	y741	y791	y831	y851	y871	00y0	04y9	04y9	04y9	y331	y491	y591	y661	y711	y741	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	
02	0.13	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	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
	v00m	c00v	l49c	l33c	l25c	l20c	l16c	l14c	l12c	v99m	00y0	100c	100c	100c	100c	100c	100c	100c	100c	m49o	00y0	00y0	00y0	y491	y661	y741	y791	y851	c00v	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0
03	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.88	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25
	v00m	c49v	00y0	166c	149c	140c	l33c	l28c	l25c	v49m	00y0	c00v	149c	l33c	l25c	l20c	l16c	l14c	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0
04	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.88	0.75	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	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.25	0.38	0.13	0.25	0.38	0.5	0.63	0.75	0.63	0.13	0.13	0.25	0.38	0.5	0.63	0.0	0.0	0.0	0.0	
	v00m	c33v	c33v	c33v	l74c	l66c	l57c	l50c	l37c	v00m	00y0	c00v	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	
05	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	v00m	c74v	c49v	c25v	c00v	l79c	l66c	l57c	l49c	v25m	00y0	c66v	c33v	c00v	l74c	l59c	l49c	l42c	v49m	v33m	00y0	c49v	00y0	l66c	l49c	l40c	l33c	00y0	c00v	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0
06	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.88	0.75	0.63	0.5	0.38	0.38	0.38	0.63	0.63	0.63	0.63	
	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38		
	v00m	c79v	c59v	c40v	c20v	c00v	l82c	l71c	l62c	v20m	00y0	c74v	c49v	c25v	c00v	l79c	l66c	l57c	v49m	v25m	00y0	c66v	c33v	c00v	l74c	l59c	l49c	00y0	c00v	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	
07	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.88	0.75	0.63	0.5	0.38	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	0.75	0.88	1.0	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.88	1.0	0.63	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	
	v00m	c82v	c66v	c49v	c33v	c16v	c00v	l85c	l74c	v16m	00y0	c79v	c59v	c40v	c20v	c00v	l82c	l71c	v33m	v20m	00y0	c74v	c49v	c25v	c00v	l79c	l66c	00y0	c00v	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	
08	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	1.0	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	0.13	0.25	0.38	
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.88	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.0	0.0	
	v00m	c85v	c71v	c57v	c42v	c28v	c14v	c00v	l87c	v14m	00y0	c82v	c66v	c49v	c33v	c16v	c00v	l85c	v28m	v16m	00y0	c79v	c59v	c40v	c20v	c00v	l82c	00y0	c00v	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	
09	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	1.0	1.0	1.0	
	v00m	c87v	c74v	c62v	c49v	c37v	c25v	c12v	c00v	v12m	v00m	c85v	c71v	c57v	c42v	c28v	c14v	c00v	v25m	v14m	00y0	c82v	c66v	c49v	c33v	c16v	c00v	00y0	c00v	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	00y0	
10	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	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	
	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	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	0.0	
	v00m	c83v	c69v	y001	y251	y401	y491	y571	y621	v00m	00y0	02y0	04y9	04y9	04y9	02y0	03y3	02y0	04y9	04y9	02y0	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9	04y9
11	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.75	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	
	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88		
	v00m	c80v	04y9	y001	y331	y491	y591	y661	y711	v740	00y0	033v	066v	y001	y251	y401	y491	y571	v790	00y0	025v	04y9	074y	y001	y201	y331	y421	00y0	00y0	00y0	y001	y001	y001	y001	y001	y001	y001	y001	y001	
12	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13	
	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.63	0.75	0.63	0.5	0.38	0.38	0.38	0.5	0.63	0.75	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	
	v330	m49o	00y0	00y0	y001	y491	y661	y741	y791	y821	m49o	m66o	00y0	04y9	y001	y331	y491	y591	y661	m59o	m740	00y0	033v	066v	y001	y251	y491	00y0	00y0	00y0	y001	y001	y001	y001	y001	y001	y001	y001	y001	y001
13	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13	
	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.63	0.75	0.63	0.5	0.38	0.38	0.38	0.5	0.63	0.75	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	
	v99m	v99m	v99m	v99m	00y0	100c	100c	100c	100c	m250	m330	m49o	00y0	y001	y491	y661	y741	y791	m480	m490	m66o	00y0	04y9	00y0	y001	y331	y491	y591	00y0	00y0	00y0	y001	y001	y001	y001	y001	y001	y001	y001	y001
14	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.27	0.27	

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:

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

elementary hue text:

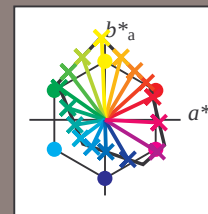
$u^*_e = 16$ hues $r00j$, $r25j$, ..., $b75r$

contrast reduction factor:

$c_R = 1.0$

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Gamut

$u^*_{rel} = 109$

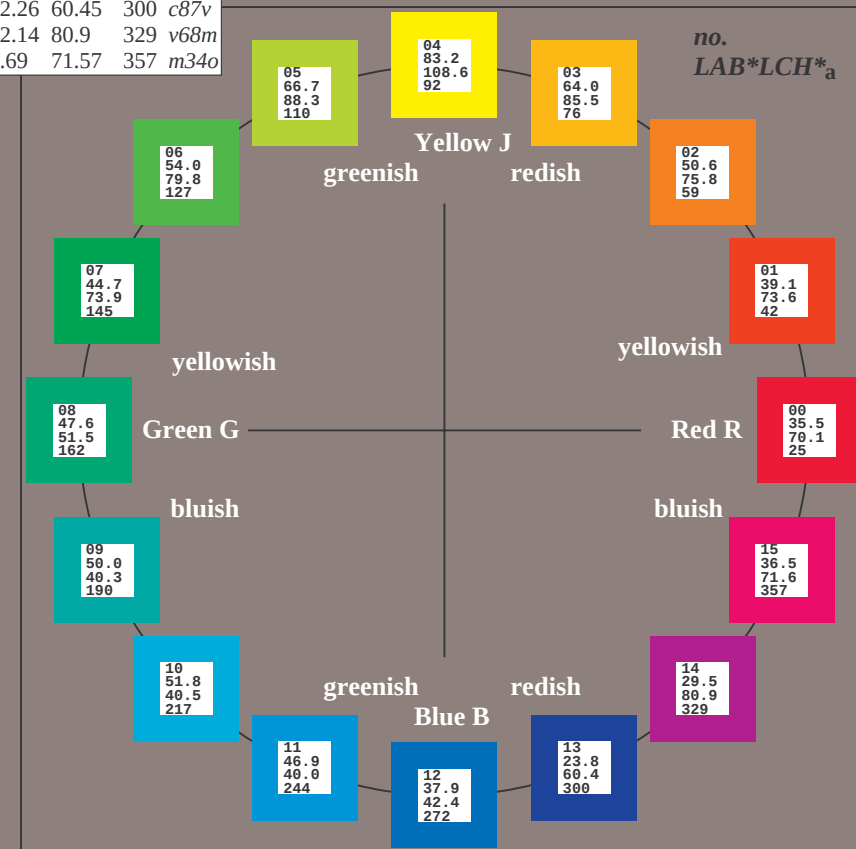
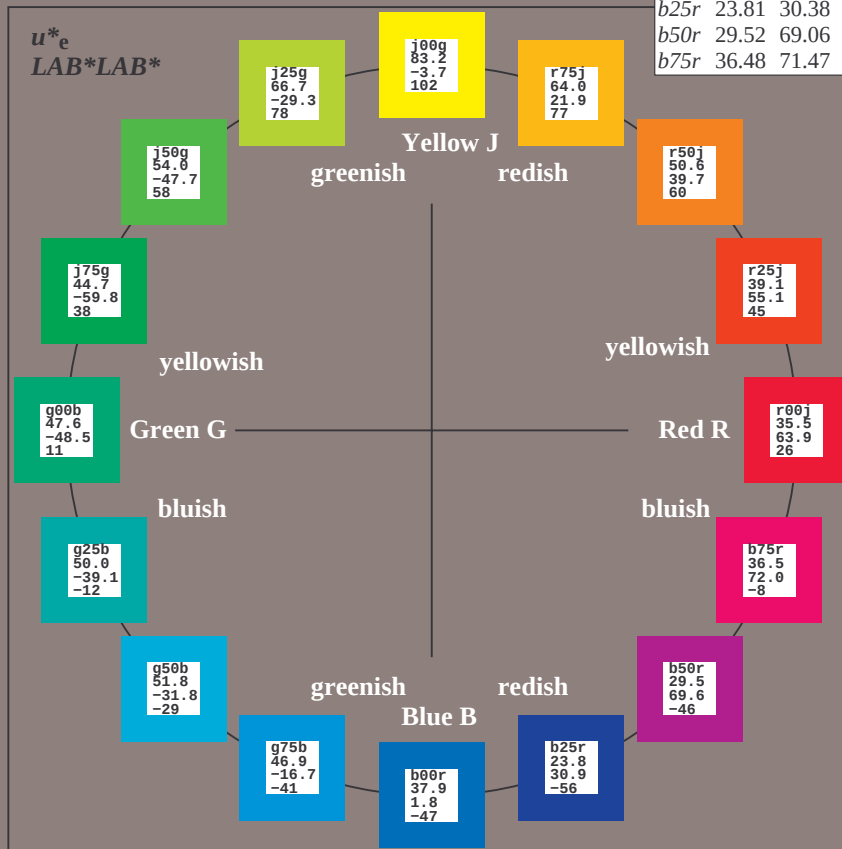
%Regularity

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

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

FRS09_92; CIELAB data

Name	$L^*=L^*_a$	a^*_a	b^*_a	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
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.89	71.56	71.62	92
G_{CIE}	52.23	-42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

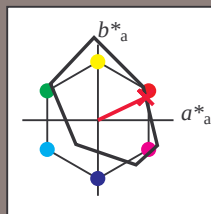
Hue texts:

$u^*_e = r00j$ $u^*_d = m81o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92; CIELAB data						
u^*_e	$L^*=L^*_a$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 63 30

$LAB^*LCH^*_{Ma}$: 35 70 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut

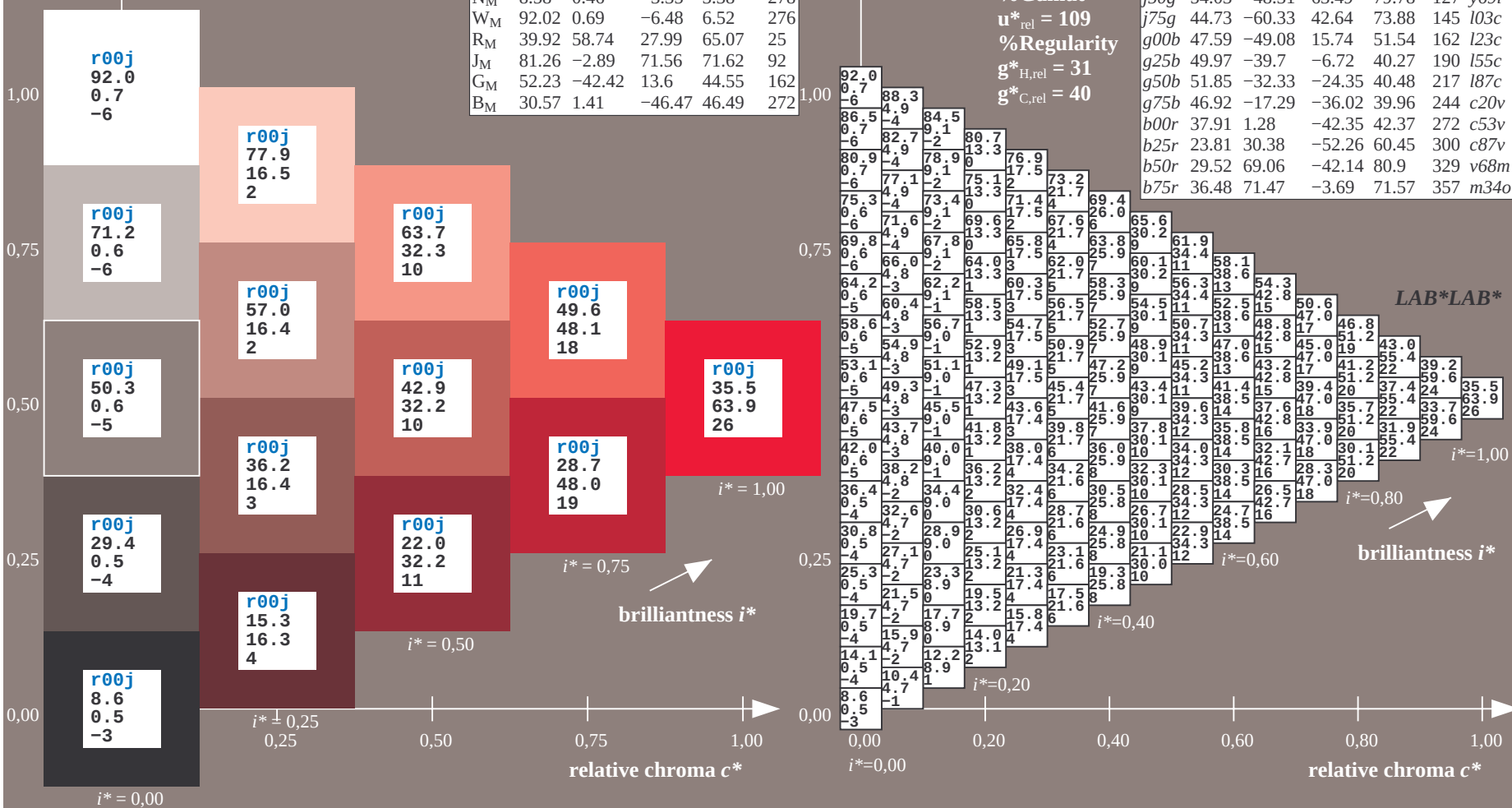
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$

data for any colour:

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

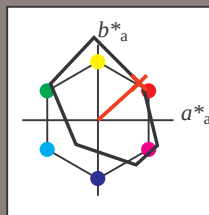
Hue texts:

$u^*_e = r25j$ $u^*_d = o10y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 55 49

$LAB^*LCH^*_{Ma}$: 39 74 42

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

$lab^*olv^*_{Ma}$: 1.0 0.11 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$

data for any colour:

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

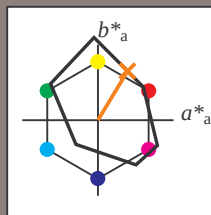
Hue texts:

$u^*_e = r50j$ $u^*_d = o40y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 51 39 65

LAB^*LCH^*Ma : 51 76 58

lab^*rgb^*Ma : 1.0 0.5 0.0

lab^*olv^*Ma : 1.0 0.4 0.0

triangle lightness t^*

%Gamut

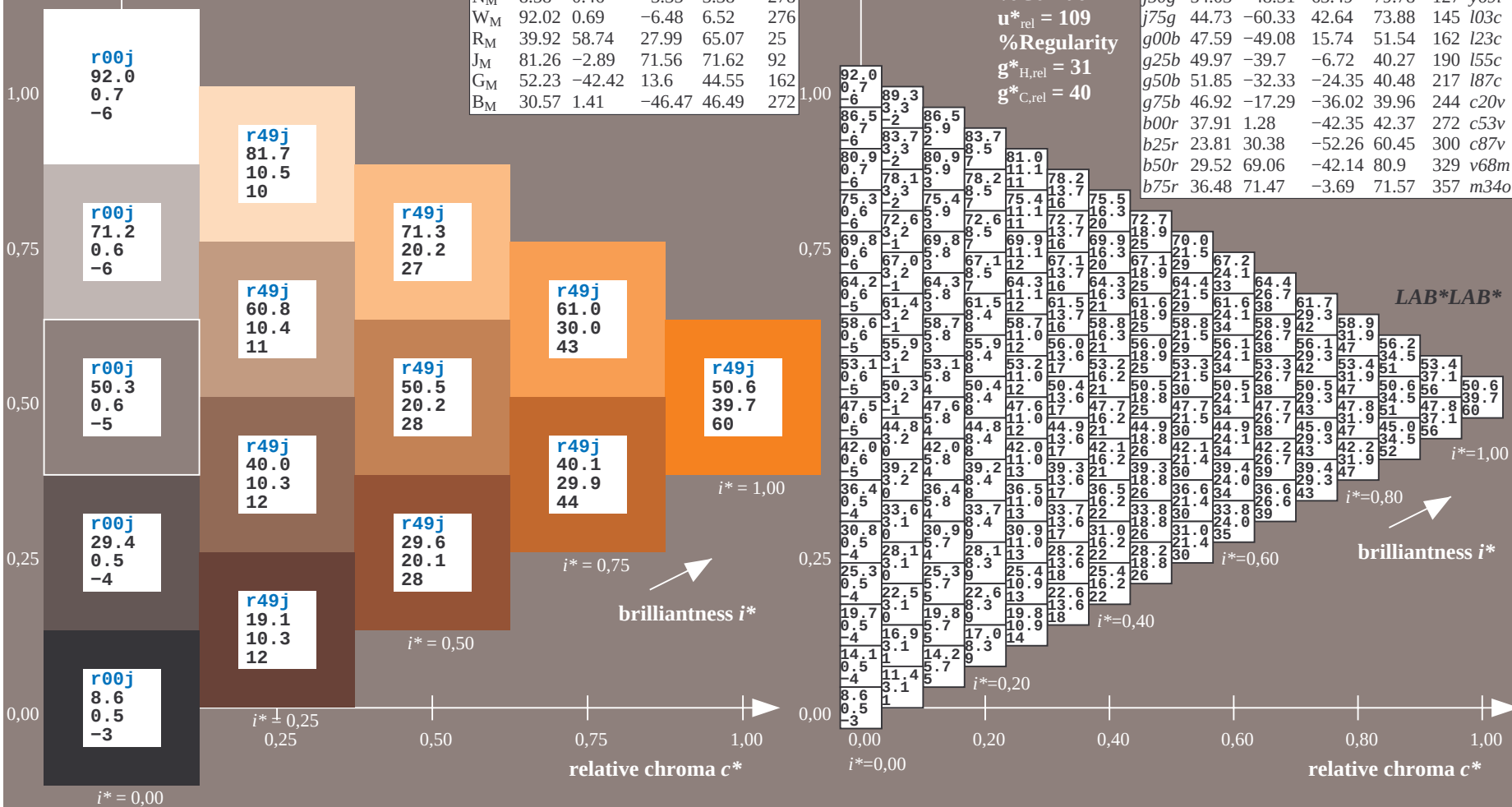
$u^*_{rel} = 109$

%Regularity

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

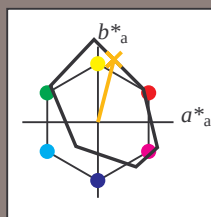
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r75j$ $u^*_d = o69y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 64 21 83

LAB^*LCH^*Ma : 64 86 75

lab^*rgb^*Ma : 1.0 0.75 0.0

lab^*olv^*Ma : 1.0 0.7 0.0

triangle lightness t^*

%Gamut

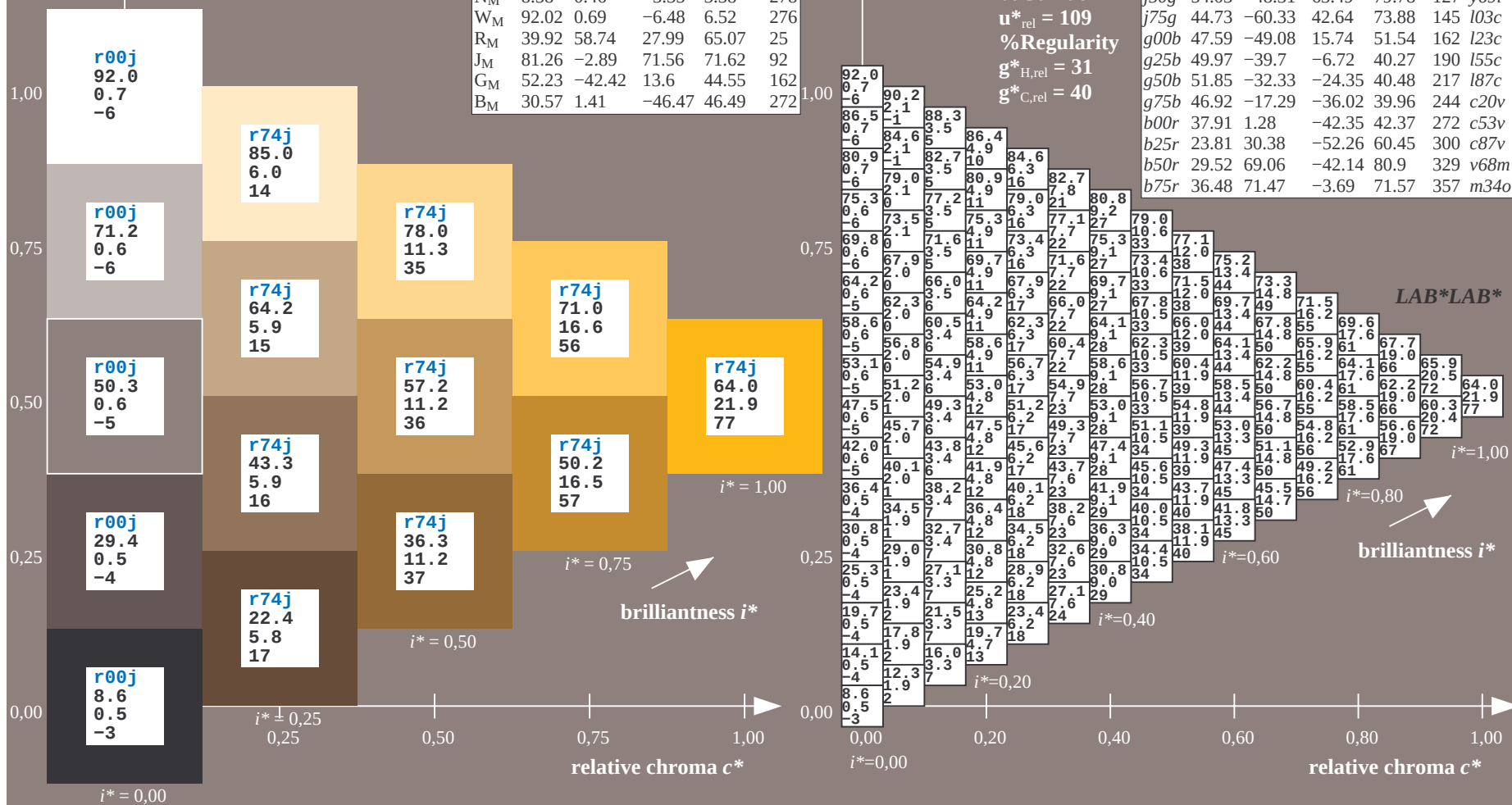
$u^*_{rel} = 109$

%Regularity

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

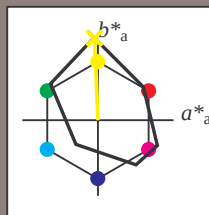
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j00g$ $u^*_d = o98y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -4 109

$LAB^*LCH^*_{Ma}$: 83 109 92

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

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

triangle lightness t^*

%Gamut

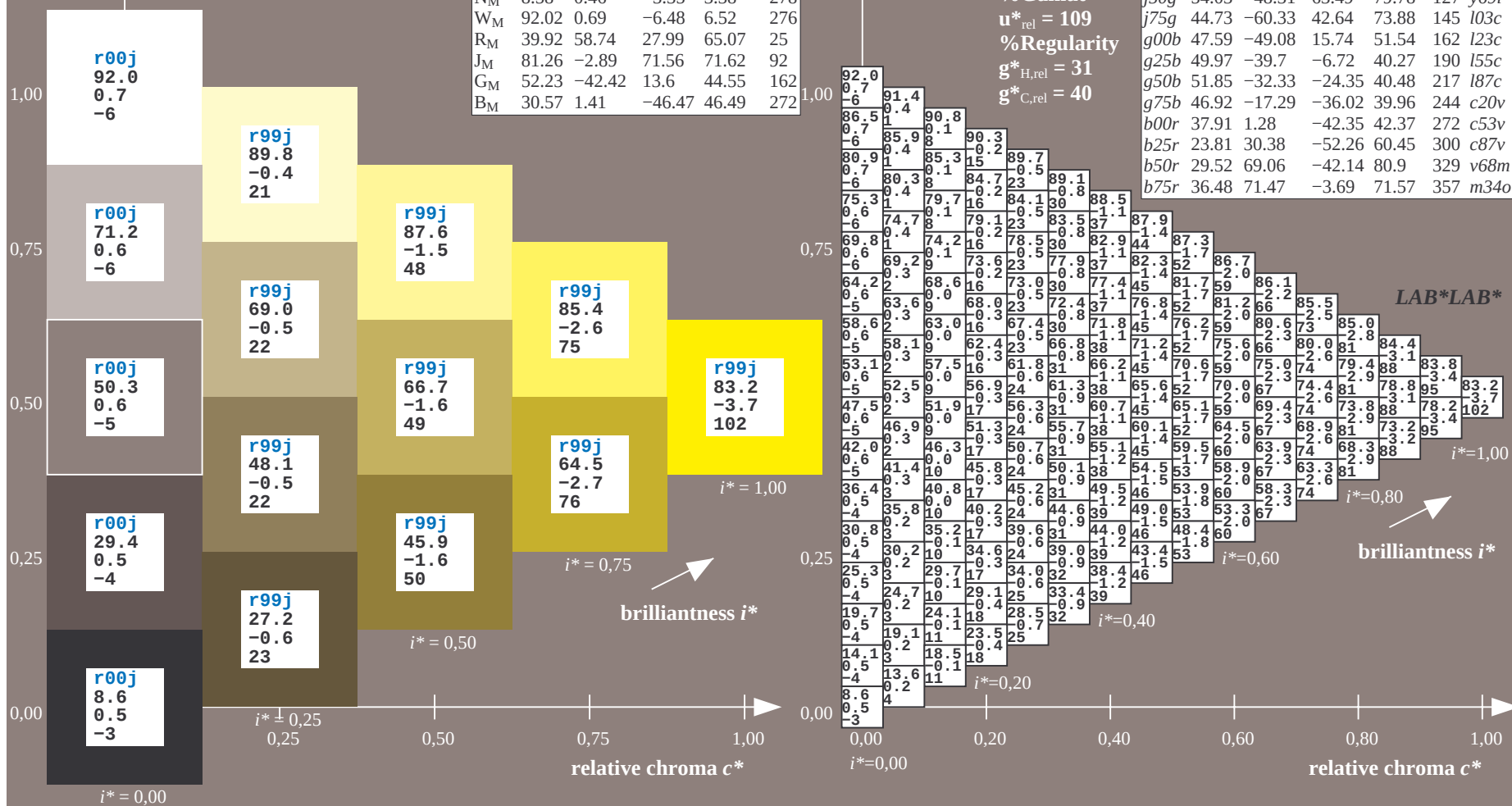
$u^*_{rel} = 109$

%Regularity

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

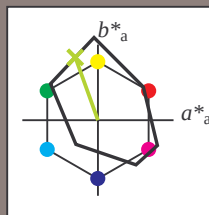
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j25g$ $u^*_d = y34l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data						
	u^*_e	$L^*=L^*$	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	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 67 -30 83

$LAB^*LCH^*_Ma$: 67 88 109

$lab^*rgb^*_Ma$: 0.75 1.0 0.0

$lab^*olv^*_Ma$: 0.66 1.0 0.0

triangle lightness t^*

%Gamut

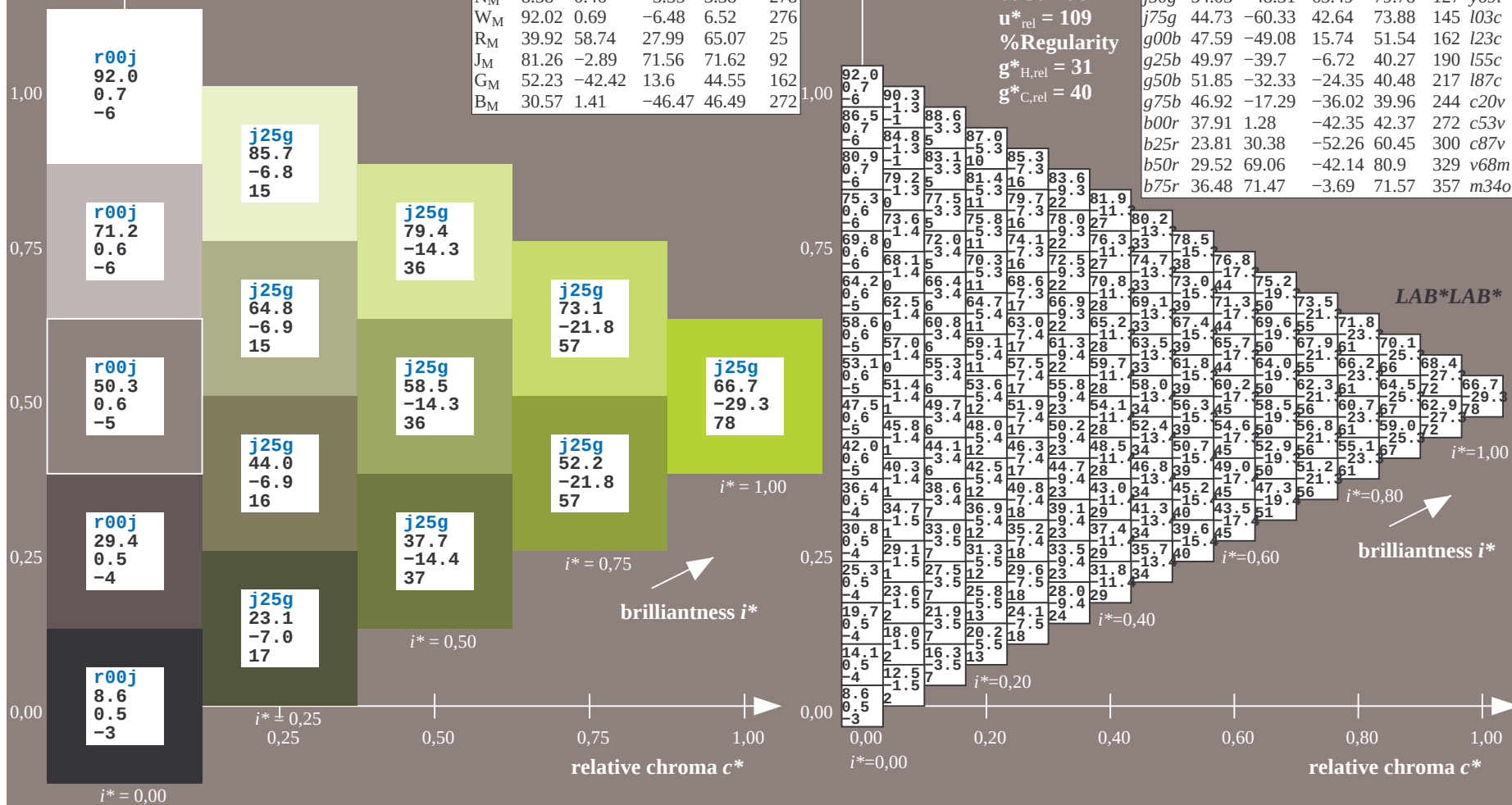
$u^*_{rel} = 109$

%Regularity

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

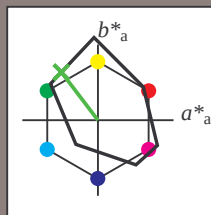
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d		
$r00j$	35.47	63.32	30.17	70.15	25		$m81o$		
$r25j$	39.12	54.56	49.45	73.64	42		$o10y$		
$r50j$	50.64	39.15	64.89	75.79	59		$o40y$		
$r75j$	64.01	21.26	82.83	85.52	76		$o69y$		
$j00g$	83.18	-4.38	108.53	108.62	92		$o98y$		
$j25g$	66.73	-29.89	83.06	88.28	110		$y34l$		
$j50g$	54.03	-48.31	63.49	79.78	127		$y69l$		
$j75g$	44.73	-60.33	42.64	73.88	145		$i03c$		
$g00b$	47.59	-49.08	15.74	51.54	162		$i23c$		
$g25b$	49.97	-39.7	-6.72	40.27	190		$i55c$		
$g50b$	51.85	-32.33	-24.35	40.48	217		$i87c$		
$g75b$	46.92	-17.29	-36.02	39.96	244		$c20v$		
$b00r$	37.91	1.28	-42.35	42.37	272		$c53v$		
$b25r$	23.81	30.38	-52.26	60.45	300		$c87v$		
$b50r$	29.52	69.06	-42.14	80.9	329		$v68m$		
$b75r$	36.48	71.47	-3.69	71.57	357		$m34o$		



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j50g$ $u^*_d = y69l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 54 -48 63

LAB^*LCH^*Ma : 54 80 127

lab^*rgb^*Ma : 0.5 1.0 0.0

lab^*olv^*Ma : 0.3 1.0 0.0

triangle lightness t^*

%Gamut

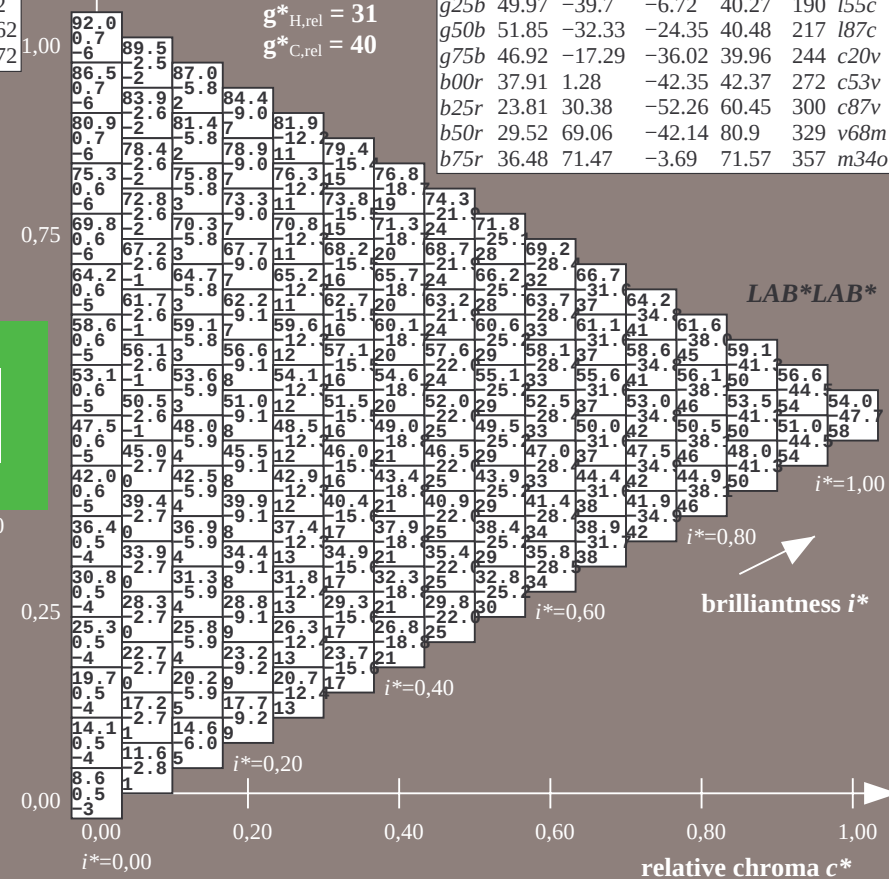
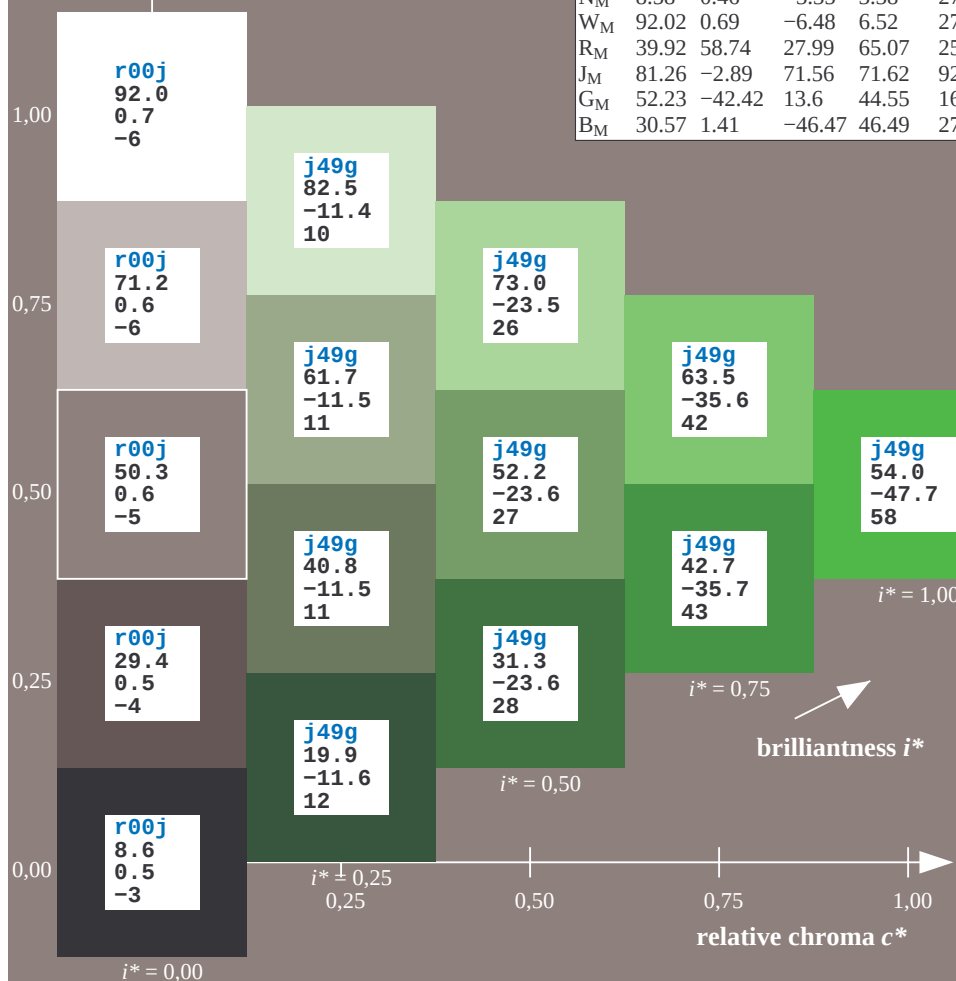
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data									
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

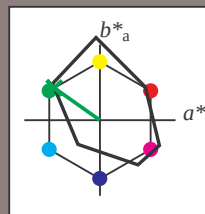
Hue texts:

$u^*_e = j75g$ $u^*_d = i03c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92; CIELAB data

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

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 45 -60 43

LAB^*LCH^*Ma : 45 74 144

lab^*rgb^*Ma : 0.25 1.0 0.0

lab^*olv^*Ma : 0.0 1.0 0.03

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

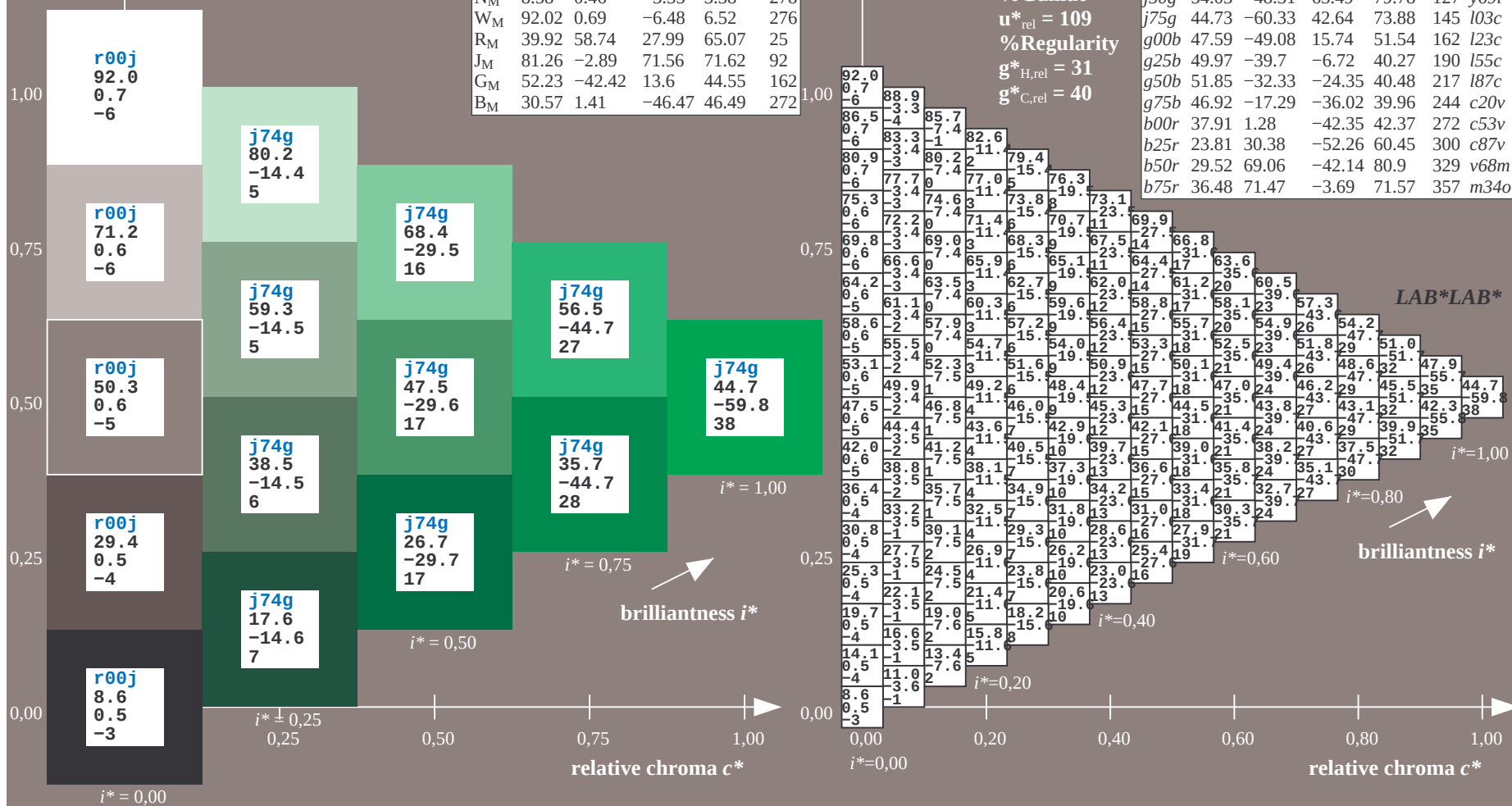
%Regularity

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

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

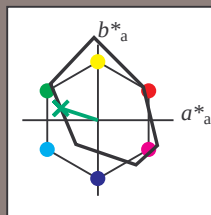
FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g00b$ $u^*_d = l23c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data						
	u^*_e	$L^*=L^*$	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	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 48 -49 16

$LAB^*LCH^*_Ma$: 48 52 162

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

$lab^*olv^*_Ma$: 0.0 1.0 0.23

triangle lightness t^*

%Gamut

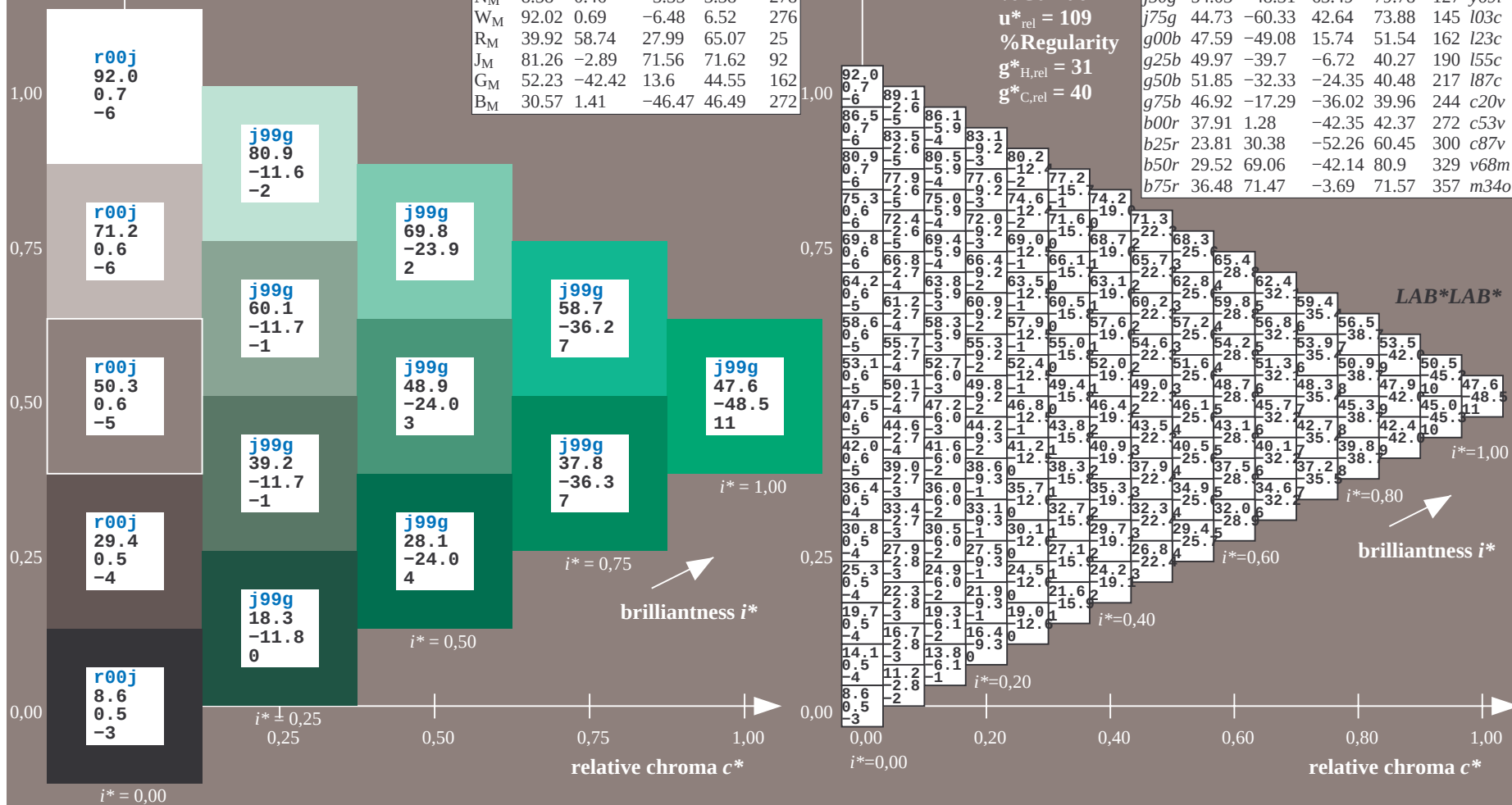
$u^*_{rel} = 109$

%Regularity

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

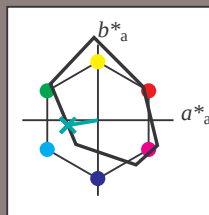
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d		
$r00j$	35.47	63.32	30.17	70.15	25			$m81o$	
$r25j$	39.12	54.56	49.45	73.64	42			$o10y$	
$r50j$	50.64	39.15	64.89	75.79	59			$o40y$	
$r75j$	64.01	21.26	82.83	85.52	76			$o69y$	
$j00g$	83.18	-4.38	108.53	108.62	92			$o98y$	
$j25g$	66.73	-29.89	83.06	88.28	110			$y34l$	
$j50g$	54.03	-48.31	63.49	79.78	127			$y69l$	
$j75g$	44.73	-60.33	42.64	73.88	145			$l03c$	
$g00b$	47.59	-49.08	15.74	51.54	162			$l23c$	
$g25b$	49.97	-39.7	-6.72	40.27	190			$l55c$	
$g50b$	51.85	-32.33	-24.35	40.48	217			$l87c$	
$g75b$	46.92	-17.29	-36.02	39.96	244			$c20v$	
$b00r$	37.91	1.28	-42.35	42.37	272			$c53v$	
$b25r$	23.81	30.38	-52.26	60.45	300			$c87v$	
$b50r$	29.52	69.06	-42.14	80.9	329			$v68m$	
$b75r$	36.48	71.47	-3.69	71.57	357			$m34o$	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g25b$ $u^*_d = l55c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	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	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 50 -40 -7

$LAB^*LCH^*_Ma$: 50 40 189

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

$lab^*olv^*_Ma$: 0.0 1.0 0.55

triangle lightness t^*

%Gamut

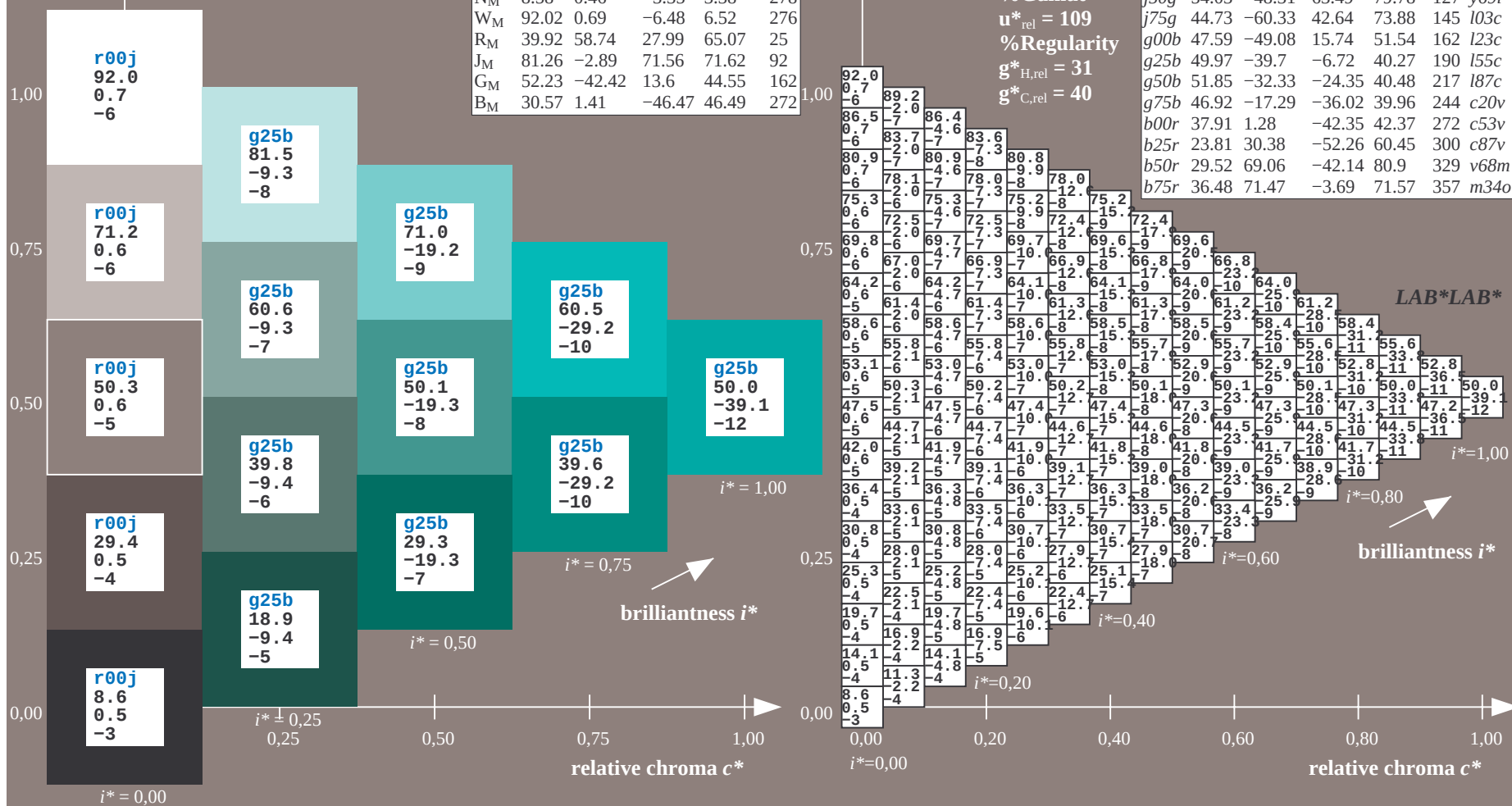
$u^*_{rel} = 109$

%Regularity

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

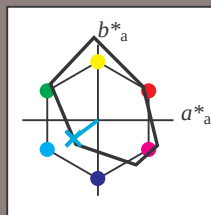
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d		
$r00j$	35.47	63.32	30.17	70.15	25			$m81o$	
$r25j$	39.12	54.56	49.45	73.64	42			$o10y$	
$r50j$	50.64	39.15	64.89	75.79	59			$o40y$	
$r75j$	64.01	21.26	82.83	85.52	76			$o69y$	
$j00g$	83.18	-4.38	108.53	108.62	92			$o98y$	
$j25g$	66.73	-29.89	83.06	88.28	110			$y34l$	
$j50g$	54.03	-48.31	63.49	79.78	127			$y69l$	
$j75g$	44.73	-60.33	42.64	73.88	145			$l03c$	
$g00b$	47.59	-49.08	15.74	51.54	162			$l23c$	
$g25b$	49.97	-39.7	-6.72	40.27	190			$l55c$	
$g50b$	51.85	-32.33	-24.35	40.48	217			$l87c$	
$g75b$	46.92	-17.29	-36.02	39.96	244			$c20v$	
$b00r$	37.91	1.28	-42.35	42.37	272			$c53v$	
$b25r$	23.81	30.38	-52.26	60.45	300			$c87v$	
$b50r$	29.52	69.06	-42.14	80.9	329			$v68m$	
$b75r$	36.48	71.47	-3.69	71.57	357			$m34o$	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g50b$ $u^*_d = l87c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



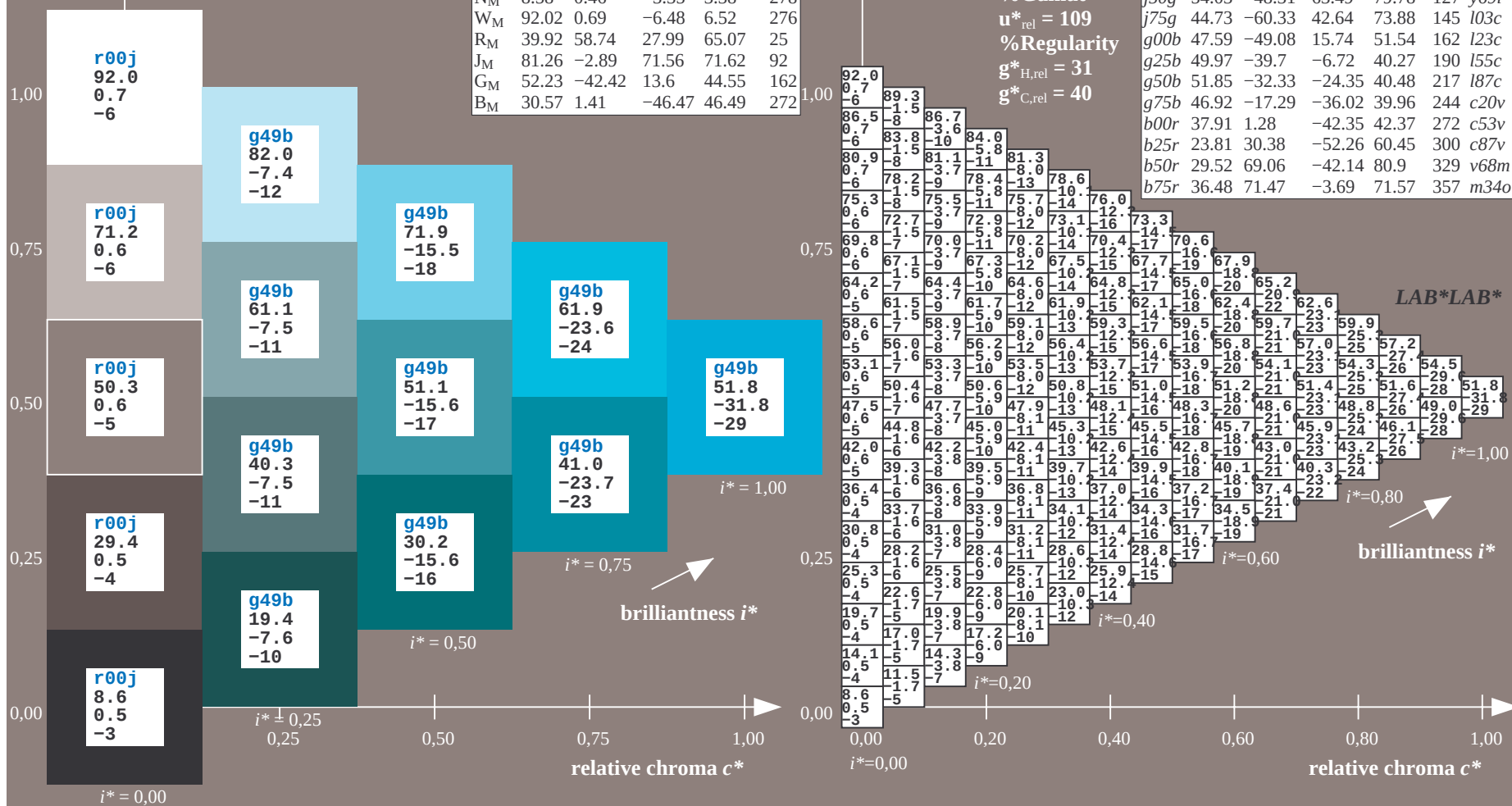
FRS09_92; CIELAB data						
u^*_e	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	35.06	60.53	39.66	72.37	33	
Y _M	83.77	-4.5	103.15	103.25	92	
L _M	44.13	-62.11	43.56	75.86	145	
C _M	52.66	-28.56	-36.99	46.73	232	
V _M	14.15	50.78	-62.6	80.61	309	
M _M	37.37	79.18	-37.93	87.8	334	
N _M	8.58	0.46	-3.35	3.38	278	
W _M	92.02	0.69	-6.48	6.52	276	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 52 -32 -24
 $LAB^*LCH^*_{Ma}$: 52 40 216
 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.87
triangle lightness t^*

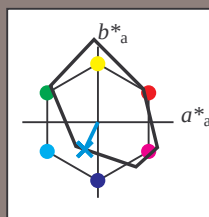
%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 47 -17 -36

$LAB^*LCH^*_Ma$: 47 40 244

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

$lab^*olv^*_Ma$: 0.0 0.8 1.0

triangle lightness t^*

%Gamut

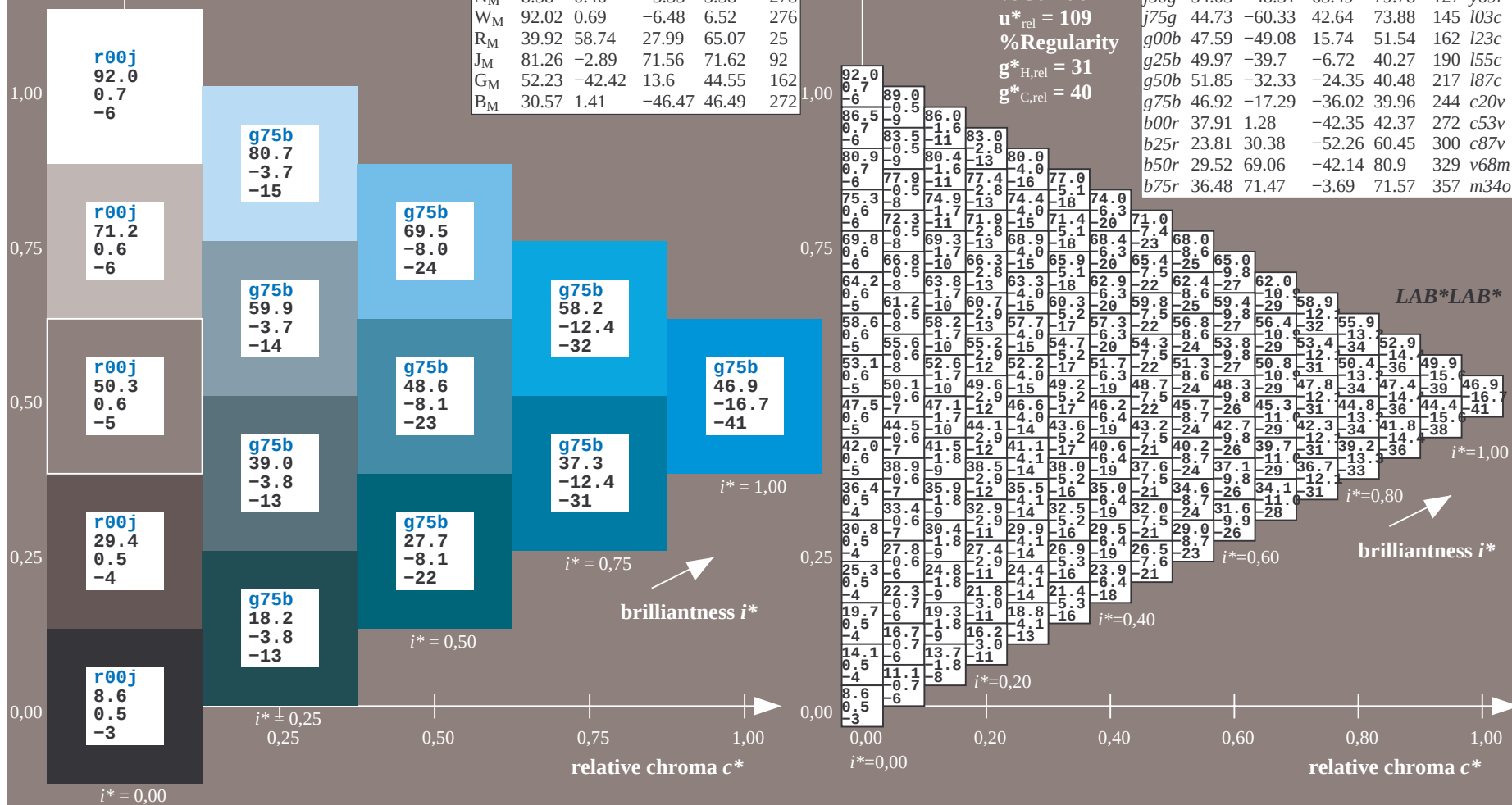
$u^*_{rel} = 109$

%Regularity

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

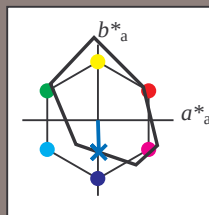
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data									
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d		
$r00j$	35.47	63.32	30.17	70.15	25		$m81o$		
$r25j$	39.12	54.56	49.45	73.64	42		$o10y$		
$r50j$	50.64	39.15	64.89	75.79	59		$o40y$		
$r75j$	64.01	21.26	82.83	85.52	76		$o69y$		
$j00g$	83.18	-4.38	108.53	108.62	92		$o98y$		
$j25g$	66.73	-29.89	83.06	88.28	110		$y34l$		
$j50g$	54.03	-48.31	63.49	79.78	127		$y69l$		
$j75g$	44.73	-60.33	42.64	73.88	145		$l03c$		
$g00b$	47.59	-49.08	15.74	51.54	162		$l23c$		
$g25b$	49.97	-39.7	-6.72	40.27	190		$l55c$		
$g50b$	51.85	-32.33	-24.35	40.48	217		$l87c$		
$g75b$	46.92	-17.29	-36.02	39.96	244		$c20v$		
$b00r$	37.91	1.28	-42.35	42.37	272		$c53v$		
$b25r$	23.81	30.38	-52.26	60.45	300		$c87v$		
$b50r$	29.52	69.06	-42.14	80.9	329		$v68m$		
$b75r$	36.48	71.47	-3.69	71.57	357		$m34o$		



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b00r$ $u^*_d = c53v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 38 1 -42

LAB^*LCH^*Ma : 38 42 271

lab^*rgb^*Ma : 0.0 0.0 1.0

lab^*olv^*Ma : 0.0 0.47 1.0

triangle lightness t^*

%Gamut

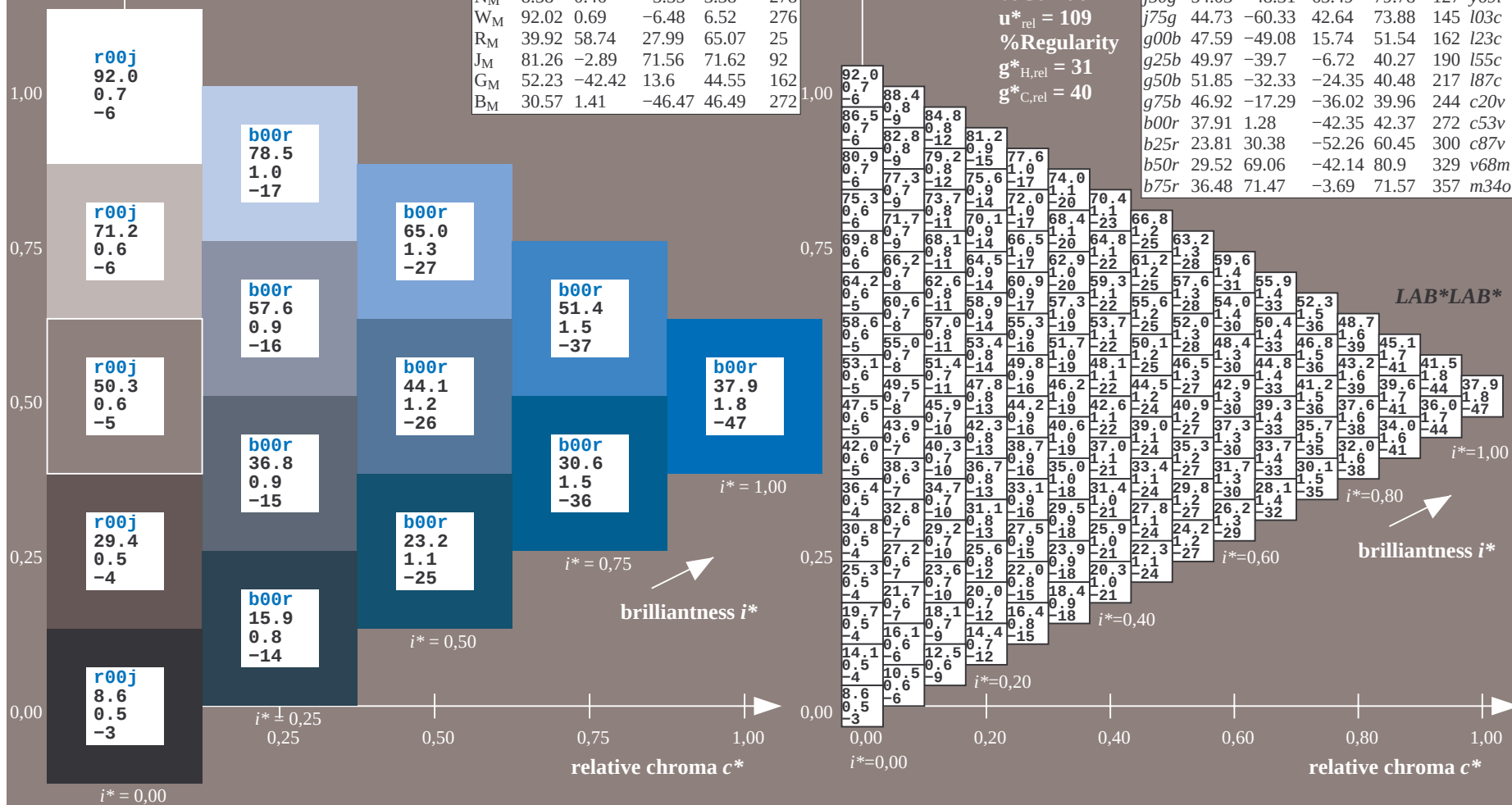
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data									
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

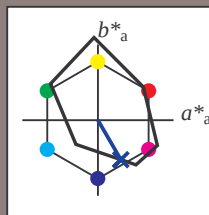
Hue texts:

$u^*_e = b25r$ $u^*_d = c87v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92; CIELAB data

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

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 24 30 -52

LAB^*LCH^*Ma : 24 60 300

lab^*rgb^*Ma : 0.5 0.0 1.0

lab^*olv^*Ma : 0.0 0.12 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

LAB^*LAB^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

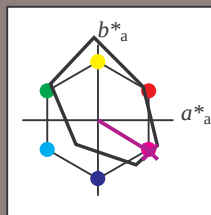
Hue texts:

$u^*_e = b50r$ $u^*_d = v68m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 30 69 -42

$LAB^*LCH^*_Ma$: 30 81 328

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

$lab^*olv^*_Ma$: 0.69 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

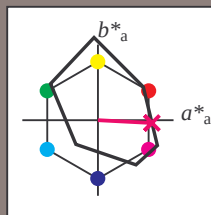
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$

LAB^*LAB^*

brilliantness i^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b75r$ $u^*_d = m34o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92; CIELAB data						
u^*_e	$L^*=L^*_a$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 36 71 -4

LAB^*LCH^*Ma : 36 72 357

lab^*rgb^*Ma : 1.0 0.0 0.5

lab^*olv^*Ma : 1.0 0.0 0.66

triangle lightness t^*

%Gamut

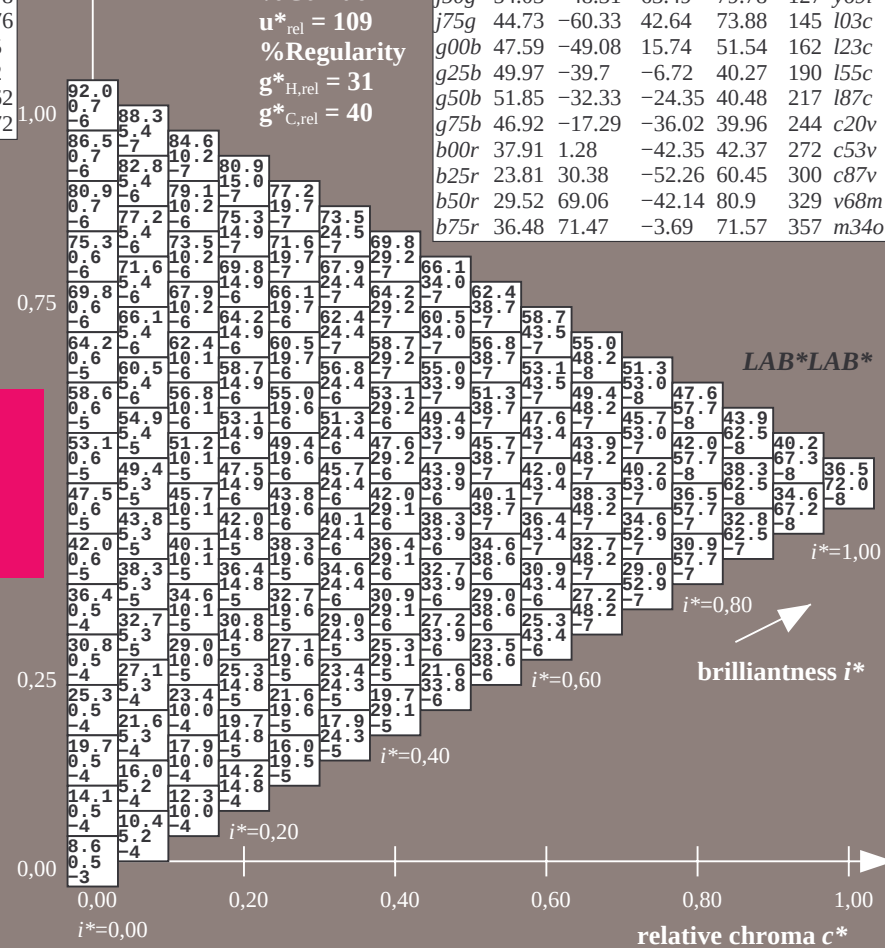
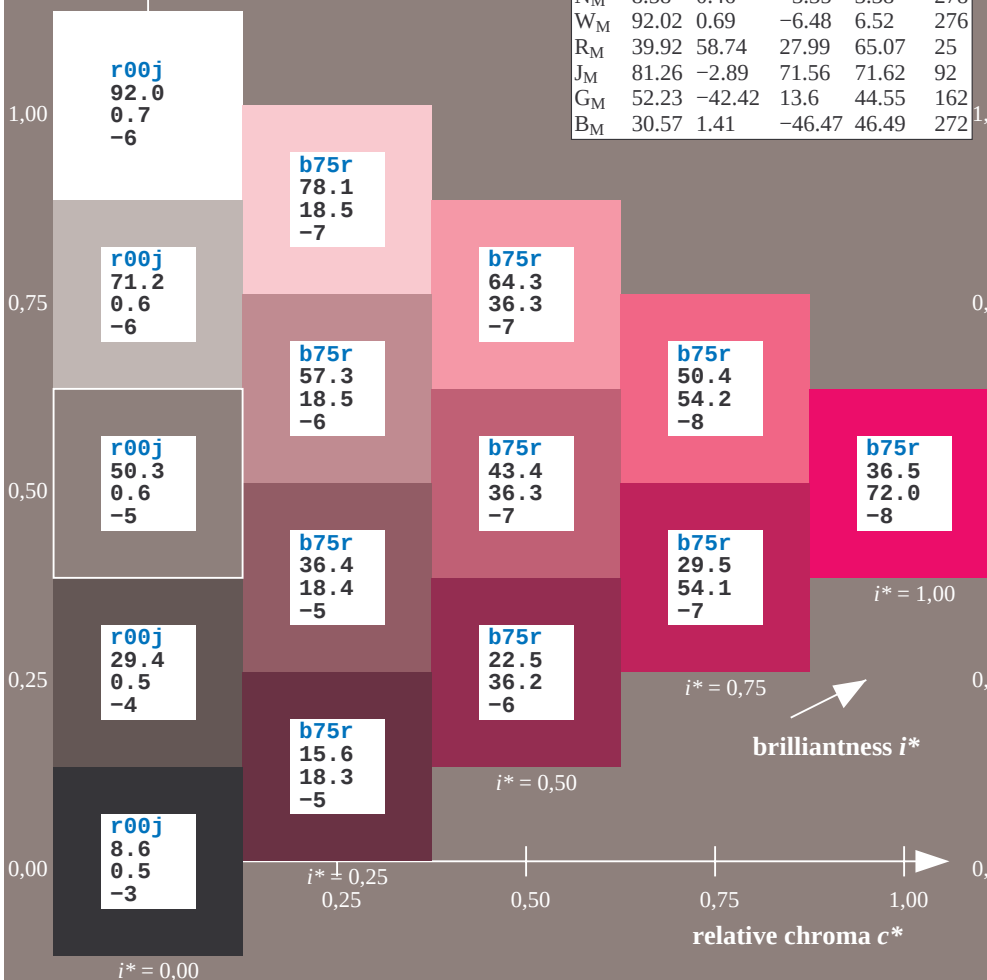
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



See for similar files: <http://www.ps.bam.de/Ee36/>; www.ps.bam.de
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

BAM registration: 20081001-Ee36/10L/L36E00NA.PS/.TXT BAM material: code=rhdata
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	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	1899.7	1904.1	1908.5	1912.9	1917.3	1921.7	1926.1	1930.5	1934.9	1939.3	1943.7	1948.1	1952.5	1956.9	1961.3	1965.7	1970.1	1974.5	1978.9	1983.3	1987.7	1992.1	1996.5	2000.9	2005.3	2009.7	2014.1	2018.5	2022.9	2027.3	2031.7	2036.1	2040.5	2044.9	2049.3	2053.7	2058.1	2062.5	2066.9	2071.3	2075.7	2080.1	2084.5	2088.9	2093.3	2097.7	2102.1	2106.5	2110.9	2115.3	2119.7	2124.1	2128.5	2132.9	2137.3	2141.7	2146.1	2150.5	2154.9	2159.3	2163.7	2168.1	2172.5	2176.9	2181.3	2185.7	2190.1	2194.5	2198.9	2203.3	2207.7	2212.1	2216.5	2220.9	2225.3	2229.7	2234.1	2238.5	2242.9	2247.3	2251.7	2256.1	2260.5	2264.9	2269.3	2273.7	2278.1	2282.5	2286.9	2291.3	2295.7	2300.1	2304.5	2308.9	2313.3	2317.7	2322.1	2326.5	2330.9	2335.3	2339.7	2344.1	2348.5	2352.9	2357.3	2361.7	2366.1	2370.5	2374.9	2379.3	2383.7	2388.1	2392.5	2396.9	2401.3	2405.7	2410.1	2414.5	2418.9	2423.3	2427.7	2432.1	2436.5	2440.9	2445.3	2449.7	2454.1	2458.5	2462.9	2467.3	2471.7	2476.1	2480.5	2484.9	2489.3	2493.7	2498.1	2502.5	2506.9	2511.3	2515.7	2520.1	2524.5	2528.9	2533.3	2537.7	2542.1	2546.5	2550.9	2555.3	2559.7	2564.1	2568.5	2572.9	2577.3	2581.7	2586.1	2590.5	2594.9	2599.3	2603.7	2608.1	2612.5	2616.9	2621.3	2625.7	2630.1	2634.5	2638.9	2643.3	2647.7	2652.1	2656.5	2660.9	2665.3	2669.7	2674.1	2678.5	2682.9	2687.3	2691.7	2696.1	2700.5	2704.9	2709.3	2713.7	2718.1	2722.5	2726.9	2731.3	2735.7	2740.1	2744.5	2748.9	2753.3	2757.7	2762.1	2766.5	2770.9	2775.3	2779.7	2784.1	2788.5	2792.9	2797.3	2801.7	2806.1	2810.5	2814.9	2819.3	2823.7	2828.1	2832.5	2836.9	2841.3	2845.7	2850.1	2854.5	2858.9	2863.3	2867.7	2872.1	2876.5	2880.9	2885.3	2889.7	2894.1	2898.5	2902.9	2907.3	2911.7	2916.1	2920.5	2924.9	2929.3	2933.7	2938.1	2942.5	2946.9	2951.3	2955.7	2960.1	2964.5	2968.9	2973.3	2977.7	2982.1	2986.5	2990.9	2995.3	2999.7	3004.1	3008.5	3012.9	3017.3	3021.7	3026.1	3030.5	3034.9	3039.3	3043.7	3048.1	3052.5	3056.9	3061.3	3065.7	3070.1	3074.5	3078.9	3083.3	3087.7	3092.1	3096.5	3100.9	3105.3	3109.7	3114.1	3118.5	3122.9	3127.3	3131.7	3136.1	3140.5	3144.9	3149.3	3153.7	3158.1	3162.5	3166.9	3171.3	3175.7	3180.1	3184.5	3188.9	3193.3	3197.7	3202.1	3206.5	3210.9	3215.3	3219.7	3224.1	3228.5	3232.9	3237.3	3241.7	3246.1	3250.5	3254.9	3259.3	3263.7	3268.1	3272.5	3276.9	3281.3	3285.7	3290.1	3294.5	3298.9	3303.3	3307.7	3312.1	3316.5	3320.9	3325.3	3329.7	3334.1	3338.5	3342.9	3347.3	3351.7	3356.1	3360.5	3364.9	3369.3	3373.7	3378.1	3382.5	3386.9	3391.3	3395.7	3400.1	3404.5	3408.9	3413.3	3417.7	3422.1	3426.5	3430.9	3435.3	3439.7	3444.1	3448.5	3452.9	3457.3	3461.7	3466.1	3470.5	3474.9	3479.3	3483.7	3488.1	3492.5	3496.9	3501.3	3505.7	3510.1	3514.5	3518.9	3523.3	3527.7	3532.1	3536.5	3540.9	3545.3	3549.7	3554.1	3558.5	3562.9	3567.3	3571.7	3576.1	3580.5	3584.9	3589.3	3593.7	3598.1	3602.5	3606.9	3611.3	3615.7	3620.1	3624.5	3628.9	3633.3	3637.7	3642.1	3646.5	3650.9	3655.3	3659.7	3664.1	3668.5	3672.9	3677.3	3681.7	3686.1	3690.5	3694.9	3699.3	3703.7	3708.1	3712.5	3716.9	3721.3	3725.7	3730.1	3734.5	3738.9	3743.3	3747.7	3752.1	3756.5	3760.9	3765.3	3769.7	3774.1	3778.5	3782.9	3787.3	3791.7	3796.1	3800.5	3804.9	3809.3	3813.7	3818.1	3822.5	3826.9	3831.3	3835.7	3840.1	3844.5	3848.9	3853.3	3857.7	3862.1	3866.5	3870.9	3875.3	3879.7	3884.1	3888.5	3892.9	3897.3	3901.7	3906.1	3910.5	3914.9	3919.3	3923.7	3928.1	3932.5	3936.9	3941.3	3945.7	3950.1	3954.5	3958.9	3963.3	3967.7	3972.1	3976.5	3980.9	3985.3	3989.7	3994.1	3998.5	4002.9	4007.3	4011.7	4016.1	4020.5	4024.9	4029.3	4033.7	4038.1	4042.5	4046.9	4051.3	4055.7	

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:

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

elementary hue text:

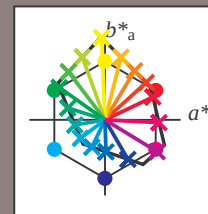
$u^*_e = 16$ hues $r00j$, $r25j$, ..., $b75r$

contrast reduction factor:

$c_R = 1.0$

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Gamut

$u^*_{rel} = 109$

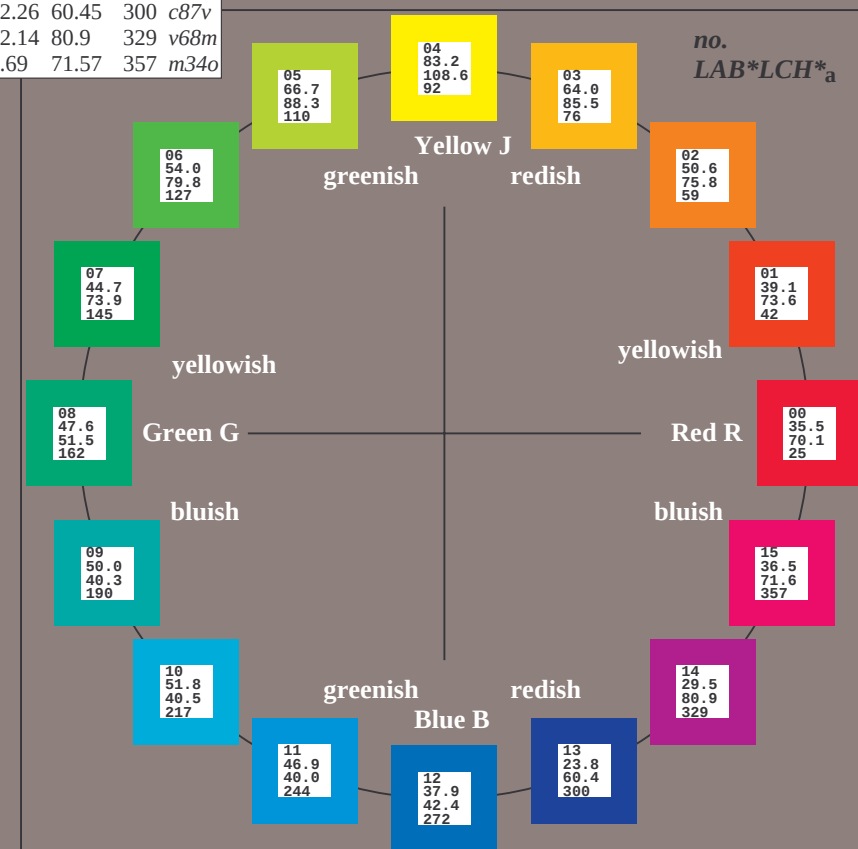
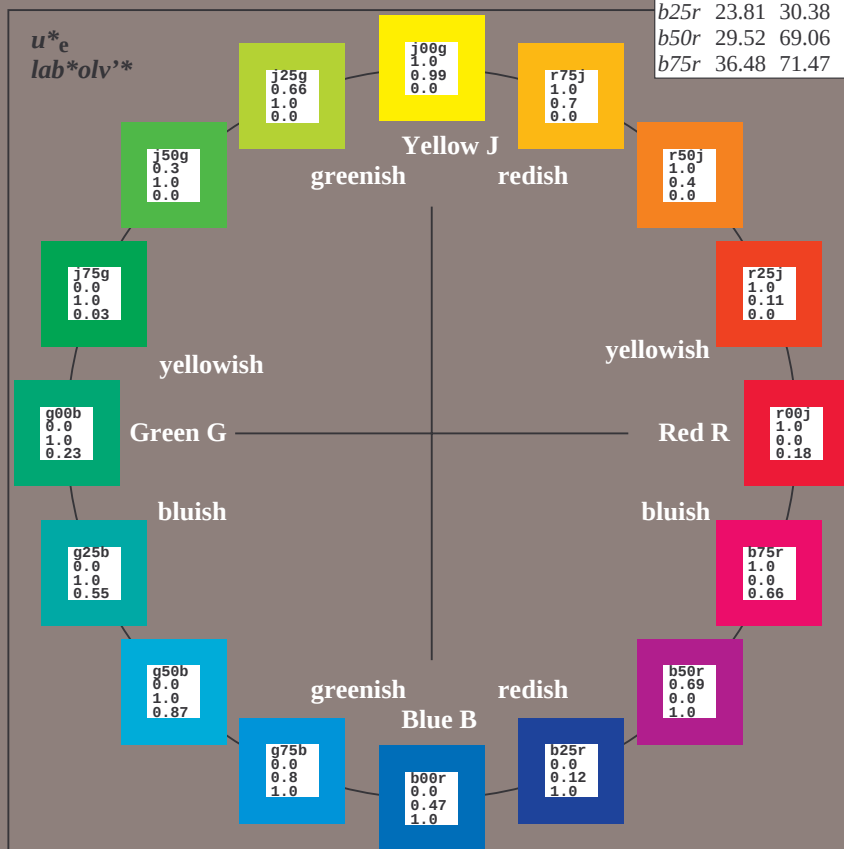
%Regularity

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

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

FRS09_92a; 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
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.89	71.56	71.62	92
G_{CIE}	52.23	-42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

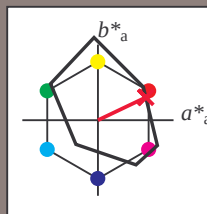
Hue texts:

$u^*_e = r00j$ $u^*_d = m81o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 63 30

$LAB^*LCH^*_{Ma}$: 35 70 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

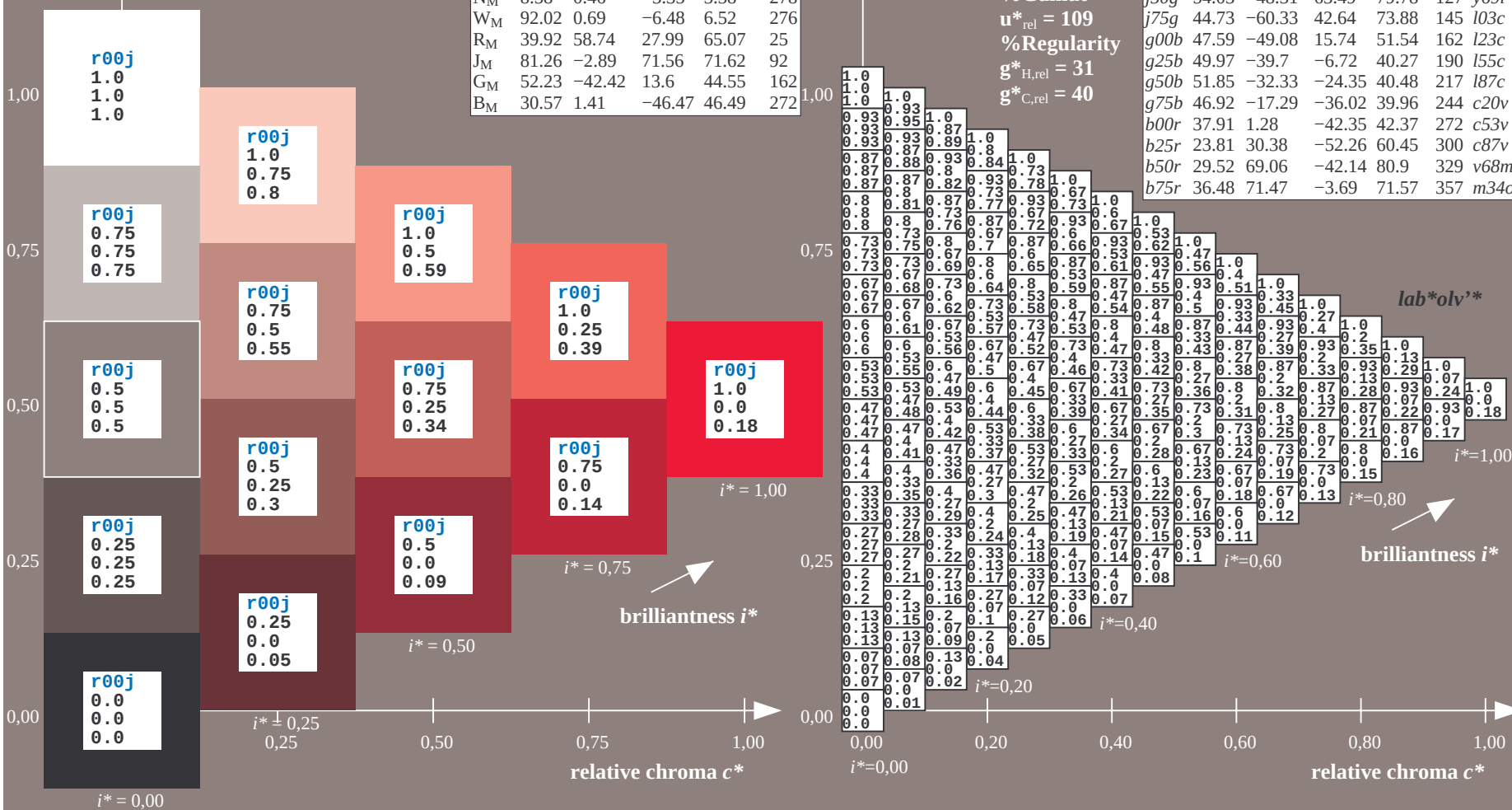
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$

data for any colour:

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

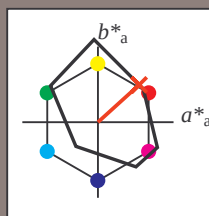
Hue texts:

$u^*_e = r25j$ $u^*_d = o10y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data						
	u^*_e	$L^*=L^*_a$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 55 49

$LAB^*LCH^*_{Ma}$: 39 74 42

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

$lab^*olv^*_{Ma}$: 1.0 0.11 0.0

triangle lightness t^*

%Gamut

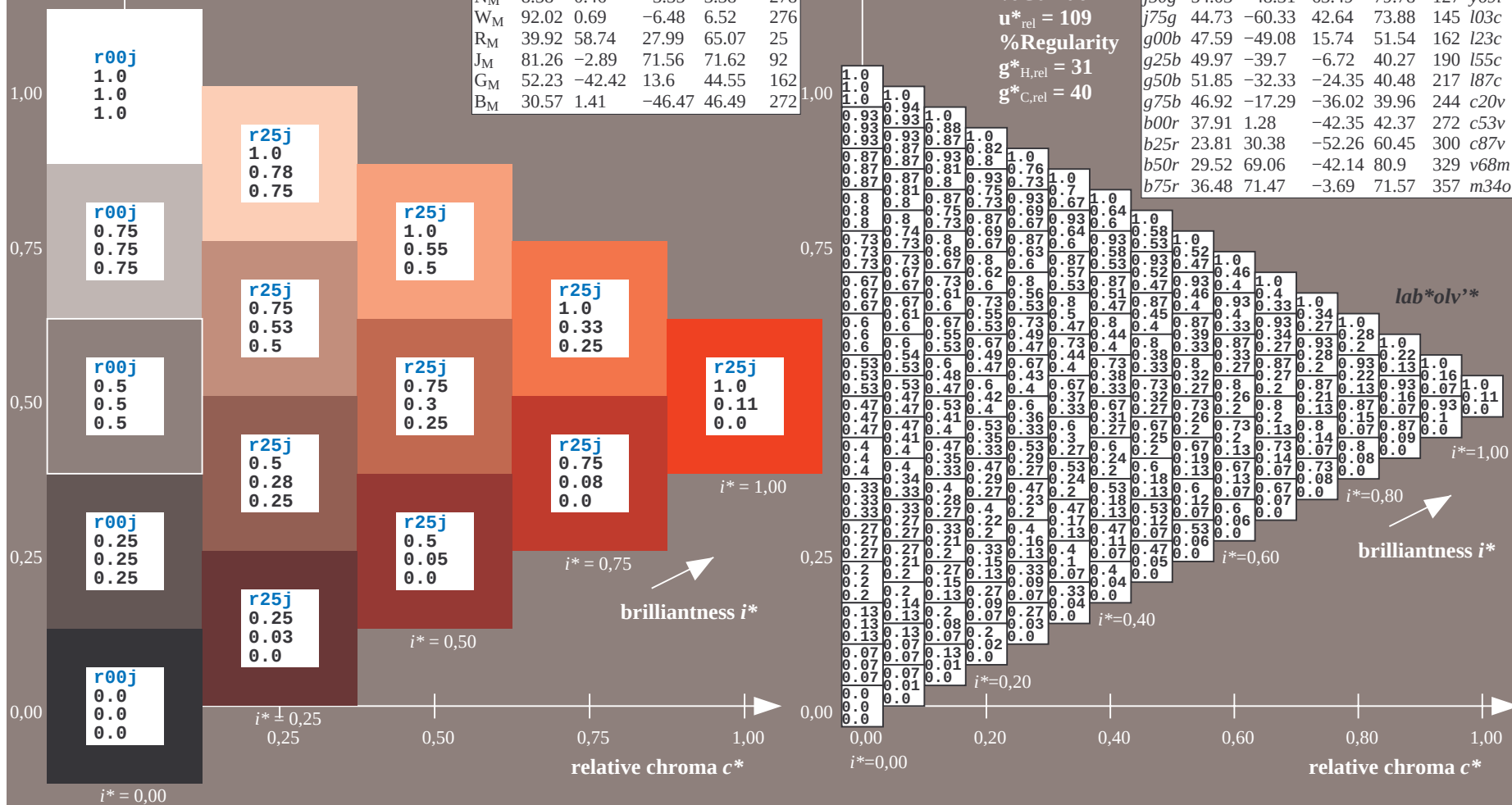
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$

data for any colour:

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

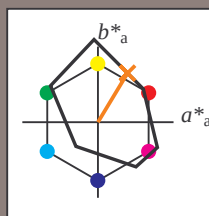
Hue texts:

$u^*_e = r50j$ $u^*_d = o40y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data						
	u^*_e	$L^*=L^*$	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	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 39 65

$LAB^*LCH^*_{Ma}$: 51 76 58

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

$lab^*olv^*_{Ma}$: 1.0 0.4 0.0

triangle lightness t^*

%Gamut

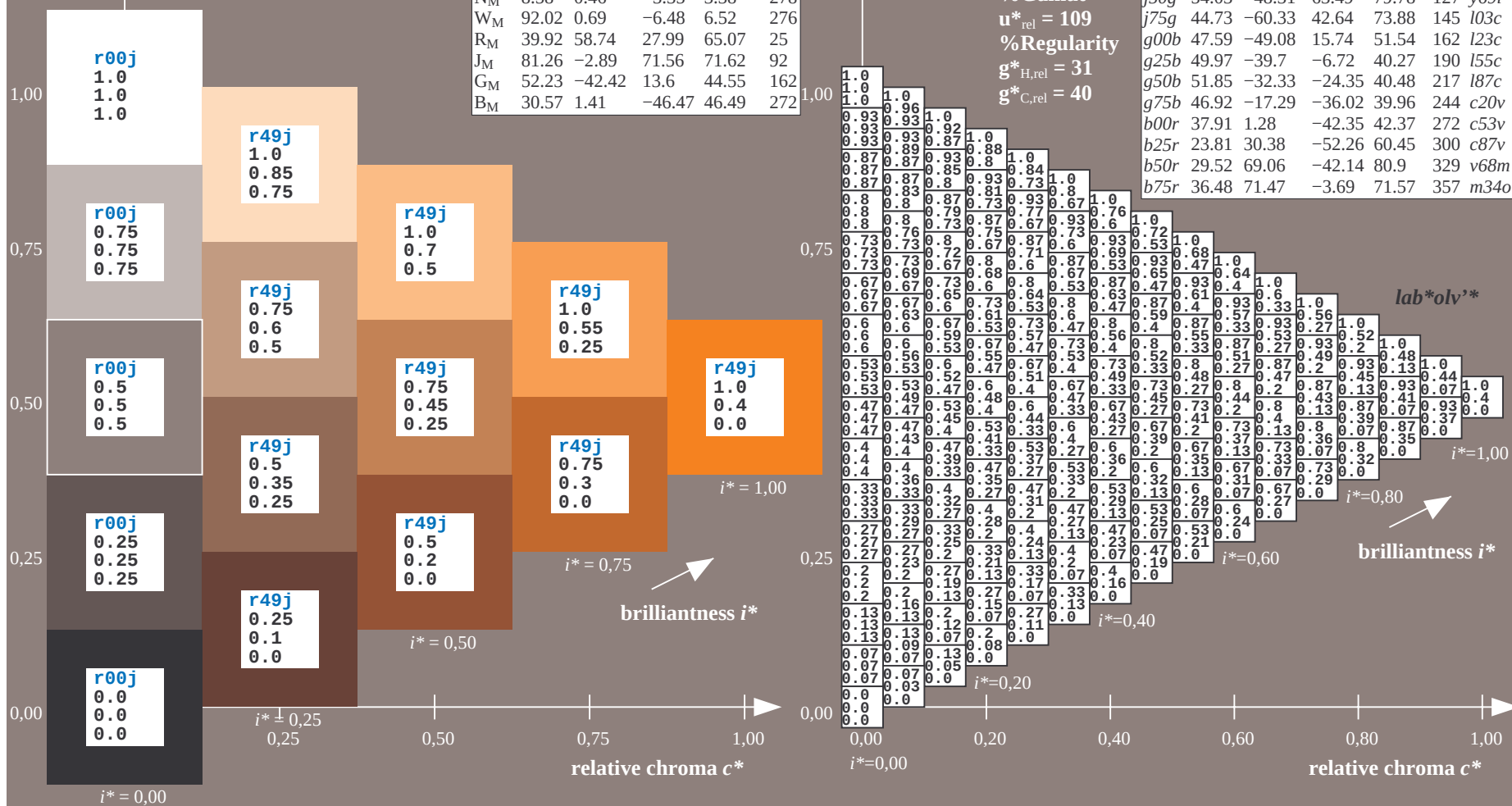
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data									
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d		
$r00j$	35.47	63.32	30.17	70.15	25			$m81o$	
$r25j$	39.12	54.56	49.45	73.64	42			$o10y$	
$r50j$	50.64	39.15	64.89	75.79	59			$o40y$	
$r75j$	64.01	21.26	82.83	85.52	76			$o69y$	
$j00g$	83.18	-4.38	108.53	108.62	92			$o98y$	
$j25g$	66.73	-29.89	83.06	88.28	110			$y34l$	
$j50g$	54.03	-48.31	63.49	79.78	127			$y69l$	
$j75g$	44.73	-60.33	42.64	73.88	145			$l03c$	
$g00b$	47.59	-49.08	15.74	51.54	162			$l23c$	
$g25b$	49.97	-39.7	-6.72	40.27	190			$l55c$	
$g50b$	51.85	-32.33	-24.35	40.48	217			$l87c$	
$g75b$	46.92	-17.29	-36.02	39.96	244			$c20v$	
$b00r$	37.91	1.28	-42.35	42.37	272			$c53v$	
$b25r$	23.81	30.38	-52.26	60.45	300			$c87v$	
$b50r$	29.52	69.06	-42.14	80.9	329			$v68m$	
$b75r$	36.48	71.47	-3.69	71.57	357			$m34o$	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = \text{lab} \cdot h^* = h_{ab}/360 = 0.21$

data for any colour:

$\text{lab} \cdot \text{tch}^*$ and $\text{lab} \cdot \text{icu}^*$

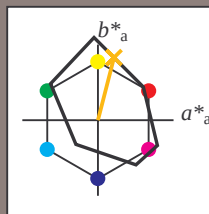
Hue texts:

$u^*_e = r75j$ $u^*_d = o69y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$\text{LAB} \cdot \text{LAB}^*_{\text{Ma}}$: 64 21 83

$\text{LAB} \cdot \text{LCH}^*_{\text{Ma}}$: 64 86 75

$\text{lab} \cdot \text{rgb}^*_{\text{Ma}}$: 1.0 0.75 0.0

$\text{lab} \cdot \text{olv}^*_{\text{Ma}}$: 1.0 0.7 0.0

triangle lightness t^*

%Gamut

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

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

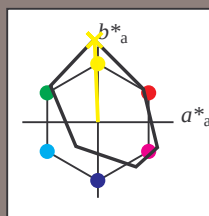
Hue texts:

$u^*_e = j00g$ $u^*_d = o98y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data						
	u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -4 109

$LAB^*LCH^*_{Ma}$: 83 109 92

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

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

triangle lightness t^*

%Gamut

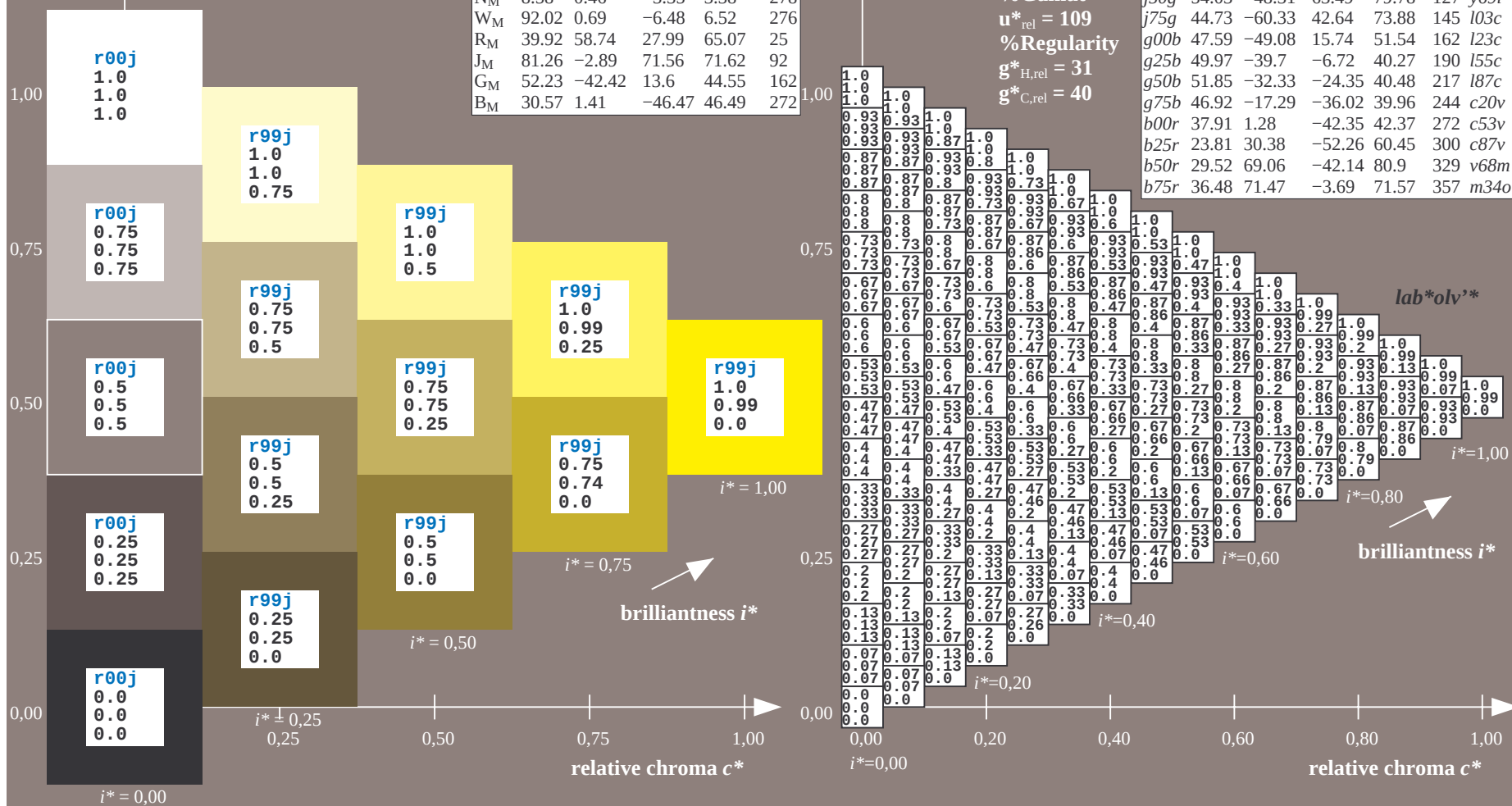
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data									
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d		
r00j	35.47	63.32	30.17	70.15	25		m81o		
r25j	39.12	54.56	49.45	73.64	42		o10y		
r50j	50.64	39.15	64.89	75.79	59		o40y		
r75j	64.01	21.26	82.83	85.52	76		o69y		
j00g	83.18	-4.38	108.53	108.62	92		o98y		
j25g	66.73	-29.89	83.06	88.28	110		y34l		
j50g	54.03	-48.31	63.49	79.78	127		y69l		
j75g	44.73	-60.33	42.64	73.88	145		l03c		
g00b	47.59	-49.08	15.74	51.54	162		l23c		
g25b	49.97	-39.7	-6.72	40.27	190		l55c		
g50b	51.85	-32.33	-24.35	40.48	217		l87c		
g75b	46.92	-17.29	-36.02	39.96	244		c20v		
b00r	37.91	1.28	-42.35	42.37	272		c53v		
b25r	23.81	30.38	-52.26	60.45	300		c87v		
b50r	29.52	69.06	-42.14	80.9	329		v68m		
b75r	36.48	71.47	-3.69	71.57	357		m34o		



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

data for any colour:

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

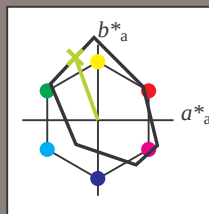
Hue texts:

$u^*_e = j25g$ $u^*_d = y34l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -30 83

$LAB^*LCH^*_{Ma}$: 67 88 109

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

$lab^*olv^*_{Ma}$: 0.66 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

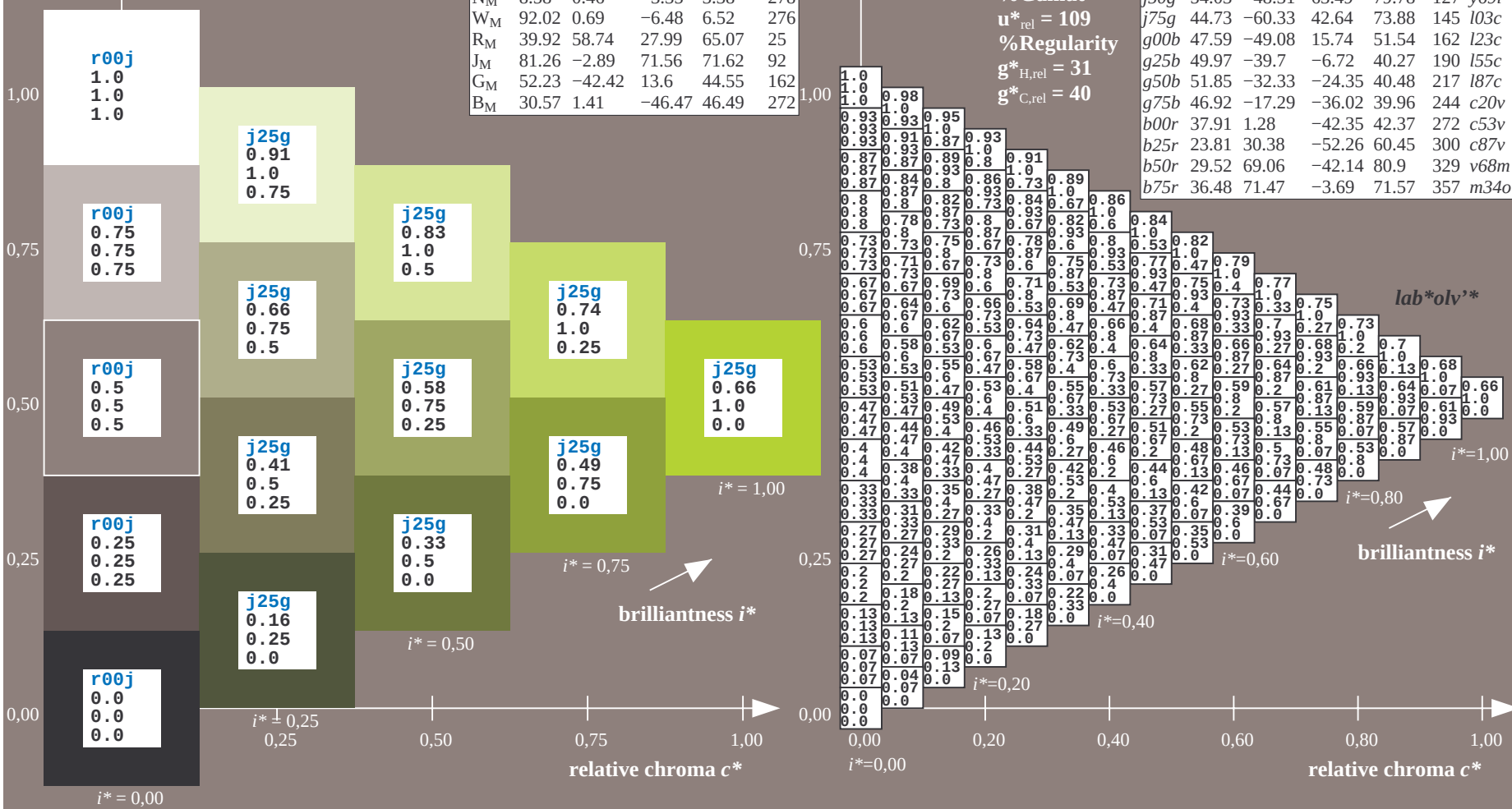
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$

data for any colour:

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

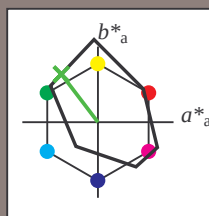
Hue texts:

$u^*_e = j50g$ $u^*_d = y69l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -48 63

$LAB^*LCH^*_{Ma}$: 54 80 127

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

$lab^*olv^*_{Ma}$: 0.3 1.0 0.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

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_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$

data for any colour:

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

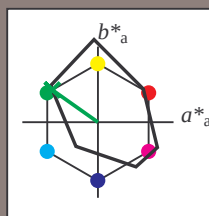
Hue texts:

$u^*_e = j75g$ $u^*_d = i03c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -60 43

$LAB^*LCH^*_{Ma}$: 45 74 144

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.03

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

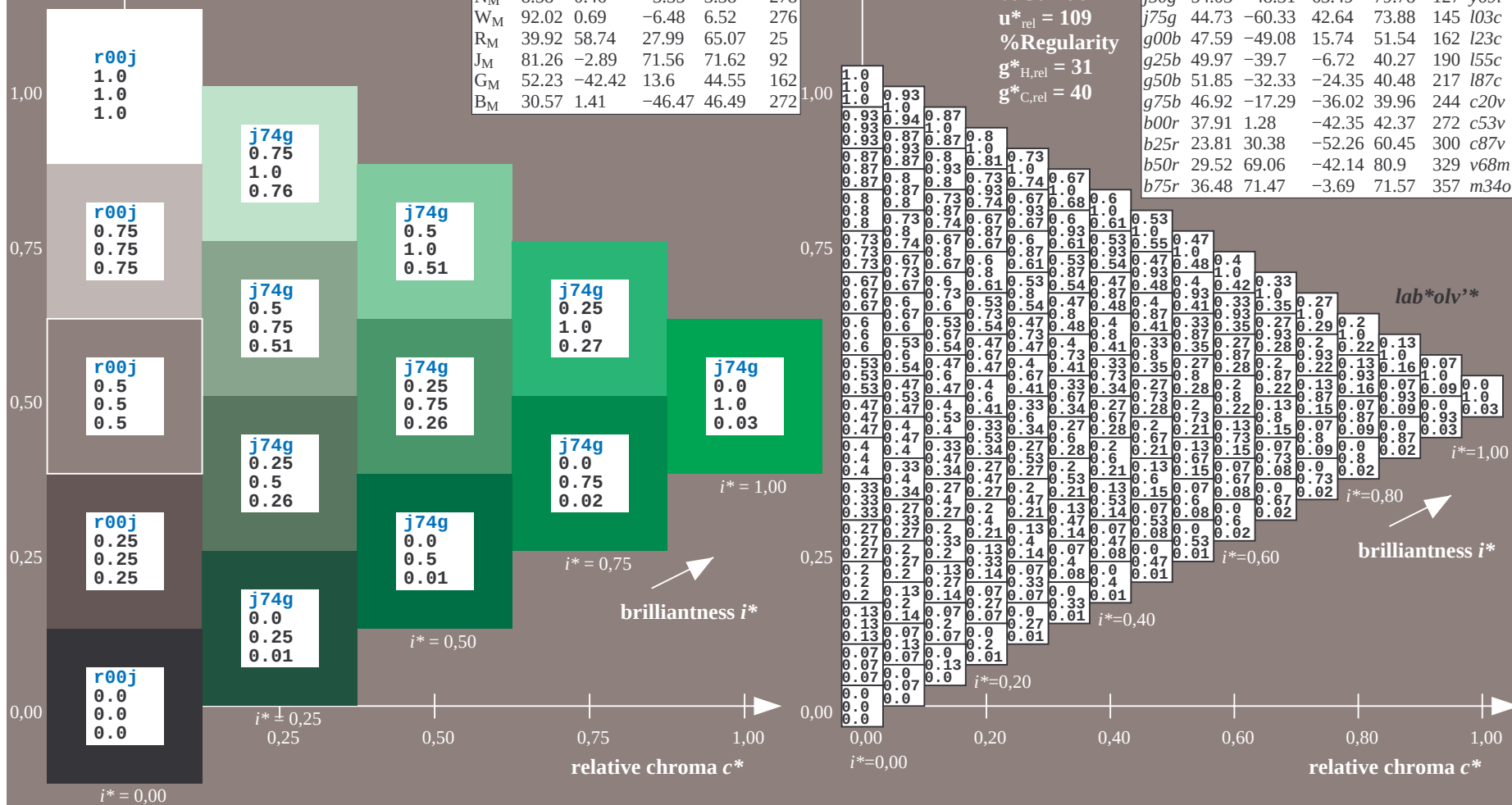
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	i03c
g00b	47.59	-49.08	15.74	51.54	162	i23c
g25b	49.97	-39.7	-6.72	40.27	190	i55c
g50b	51.85	-32.33	-24.35	40.48	217	i87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$

data for any colour:

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

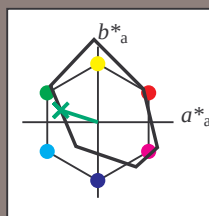
Hue texts:

$u^*_e = g00b$ $u^*_d = l23c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 -49 16

$LAB^*LCH^*_{Ma}$: 48 52 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.23

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

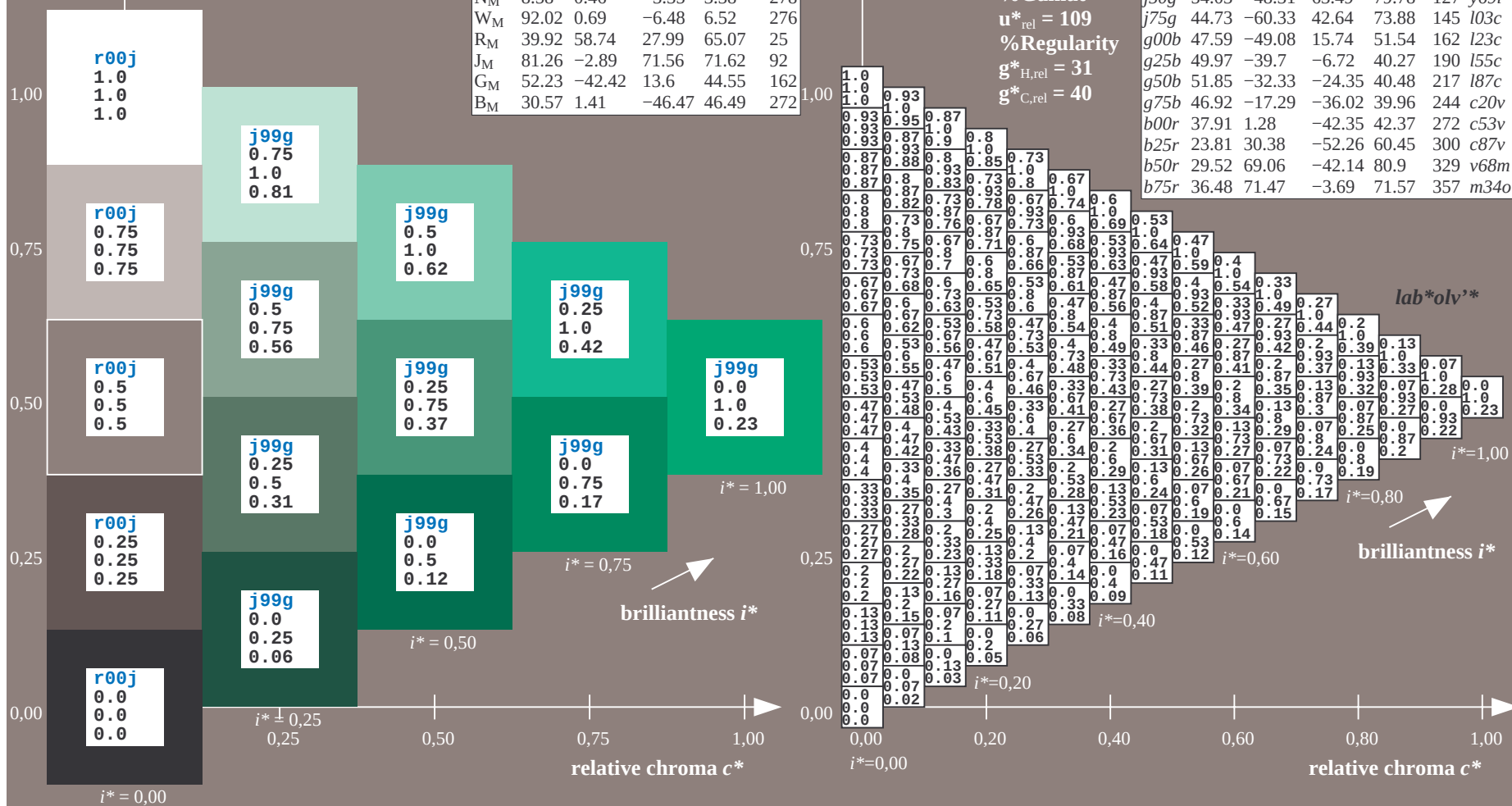
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = \text{lab} \cdot h^* = h_{ab}/360 = 0.527$

data for any colour:

$\text{lab} \cdot \text{tch}^*$ and $\text{lab} \cdot \text{icu}^*$

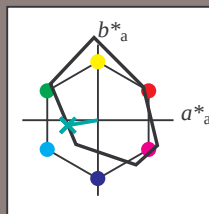
Hue texts:

$u^*_e = g25b$ $u^*_d = l55c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$\text{LAB} \cdot \text{LAB}^*_{\text{Ma}}$: 50 -40 -7

$\text{LAB} \cdot \text{LCH}^*_{\text{Ma}}$: 50 40 189

$\text{lab} \cdot \text{rgb}^*_{\text{Ma}}$: 0.0 1.0 0.5

$\text{lab} \cdot \text{olv}^*_{\text{Ma}}$: 0.0 1.0 0.55

triangle lightness t^*

%Gamut

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

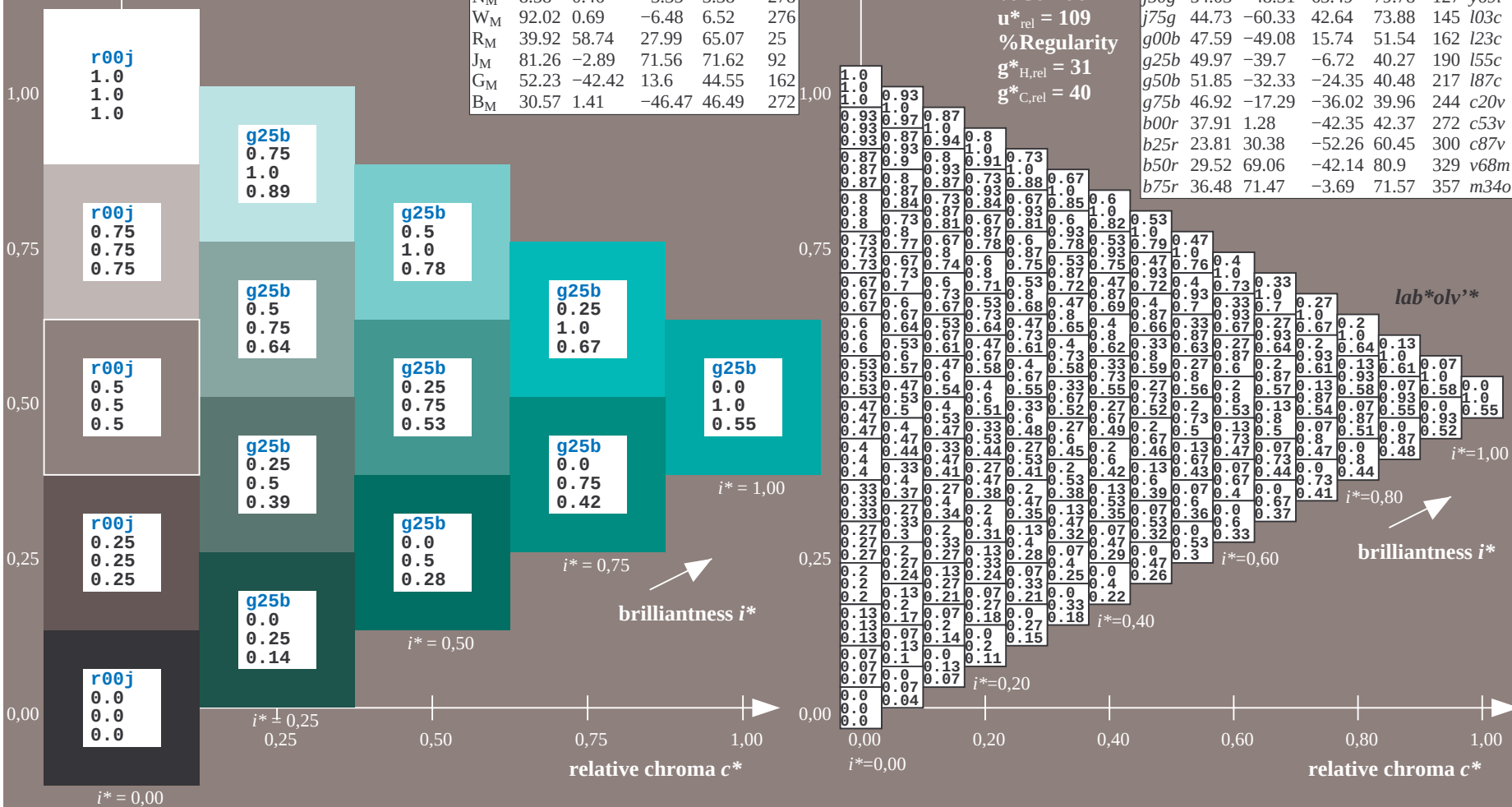
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$

data for any colour:

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

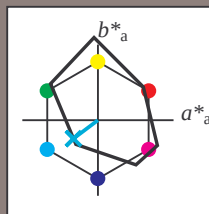
Hue texts:

$u^*_e = g50b$ $u^*_d = l87c$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 52 -32 -24

$LAB^*LCH^*_Ma$: 52 40 216

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

$lab^*olv^*_Ma$: 0.0 1.0 0.87

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

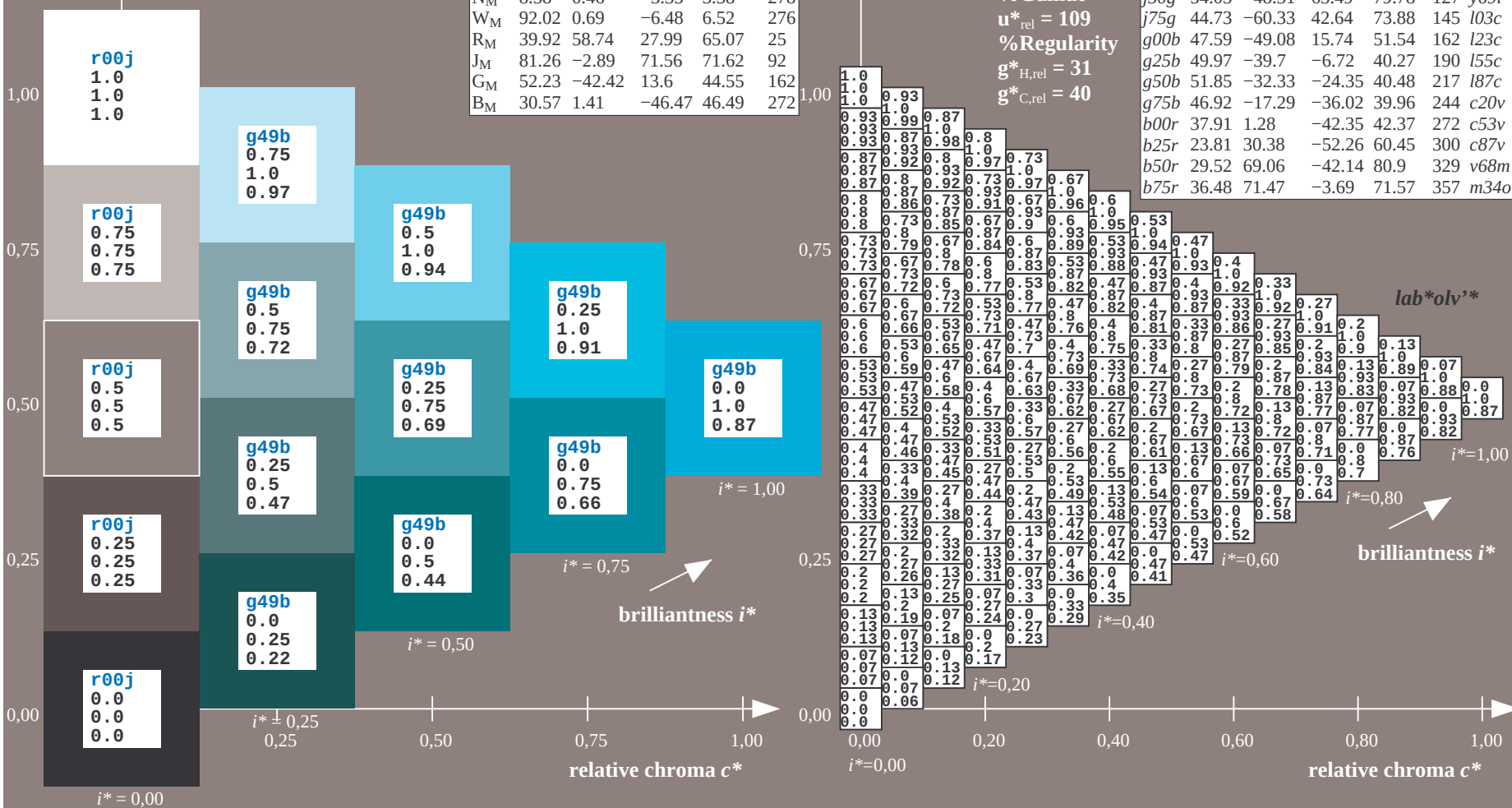
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$	
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$	
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$	
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$	
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$	
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$	
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$	
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$	
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$	
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$	
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$	
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$	
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$	
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$	
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$	
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = \text{lab} \cdot h^* = h_{ab}/360 = 0.679$

data for any colour:

$\text{lab} \cdot \text{tch}^*$ and $\text{lab} \cdot \text{icu}^*$

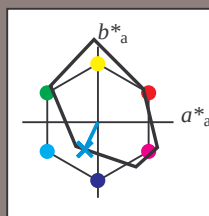
Hue texts:

$u^*_e = g75b$ $u^*_d = c20v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data						
	u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB} \cdot \text{LAB}^*_{\text{Ma}}$: 47 -17 -36

$\text{LAB} \cdot \text{LCH}^*_{\text{Ma}}$: 47 40 244

$\text{lab} \cdot \text{rgb}^*_{\text{Ma}}$: 0.0 0.5 1.0

$\text{lab} \cdot \text{olv}^*_{\text{Ma}}$: 0.0 0.8 1.0

triangle lightness t^*

% Gamut

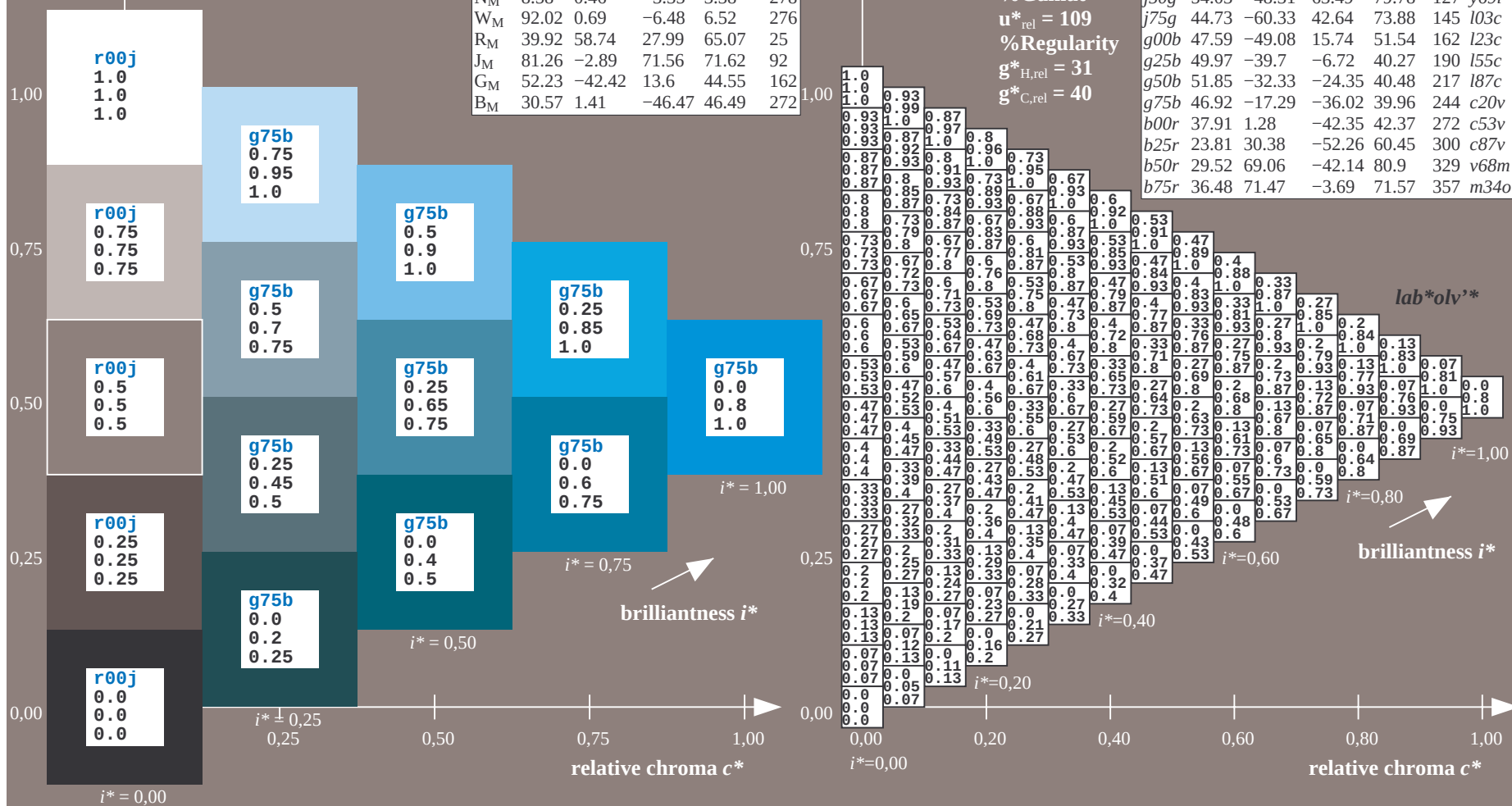
$u^*_{\text{rel}} = 109$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

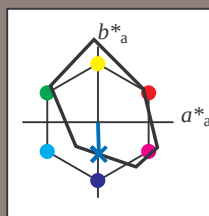
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 38 1 -42

$LAB^*LCH^*_{Ma}$: 38 42 271

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

$lab^*olv^*_{Ma}$: 0.0 0.47 1.0

triangle lightness t^*

%Gamut

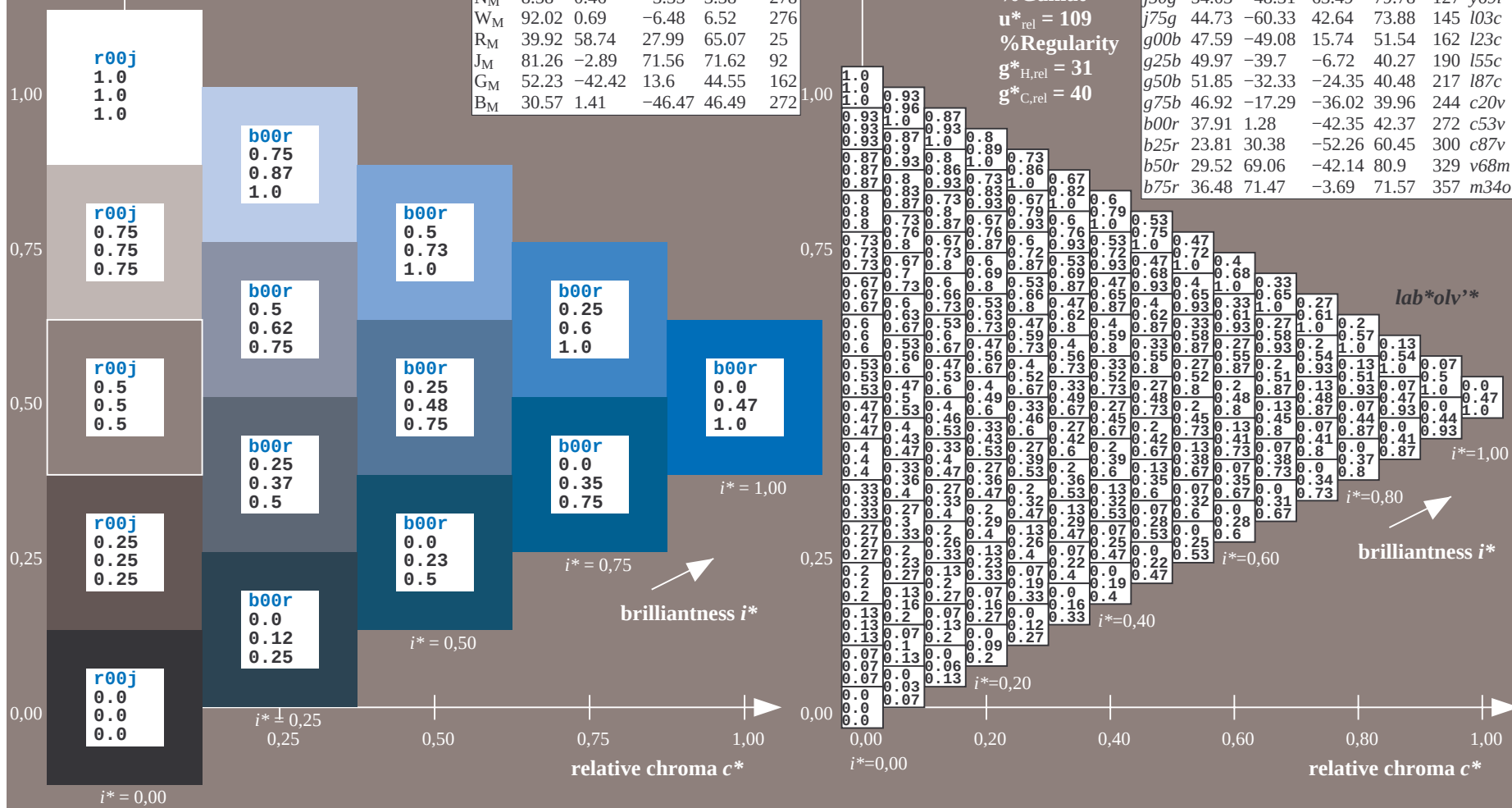
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data									
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	l03c			
g00b	47.59	-49.08	15.74	51.54	162	l23c			
g25b	49.97	-39.7	-6.72	40.27	190	l55c			
g50b	51.85	-32.33	-24.35	40.48	217	l87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

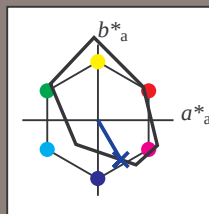
Hue texts:

$u^*_e = b25r$ $u^*_d = c87v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 24 30 -52

$LAB^*LCH^*_{Ma}$: 24 60 300

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

$lab^*olv^*_{Ma}$: 0.0 0.12 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

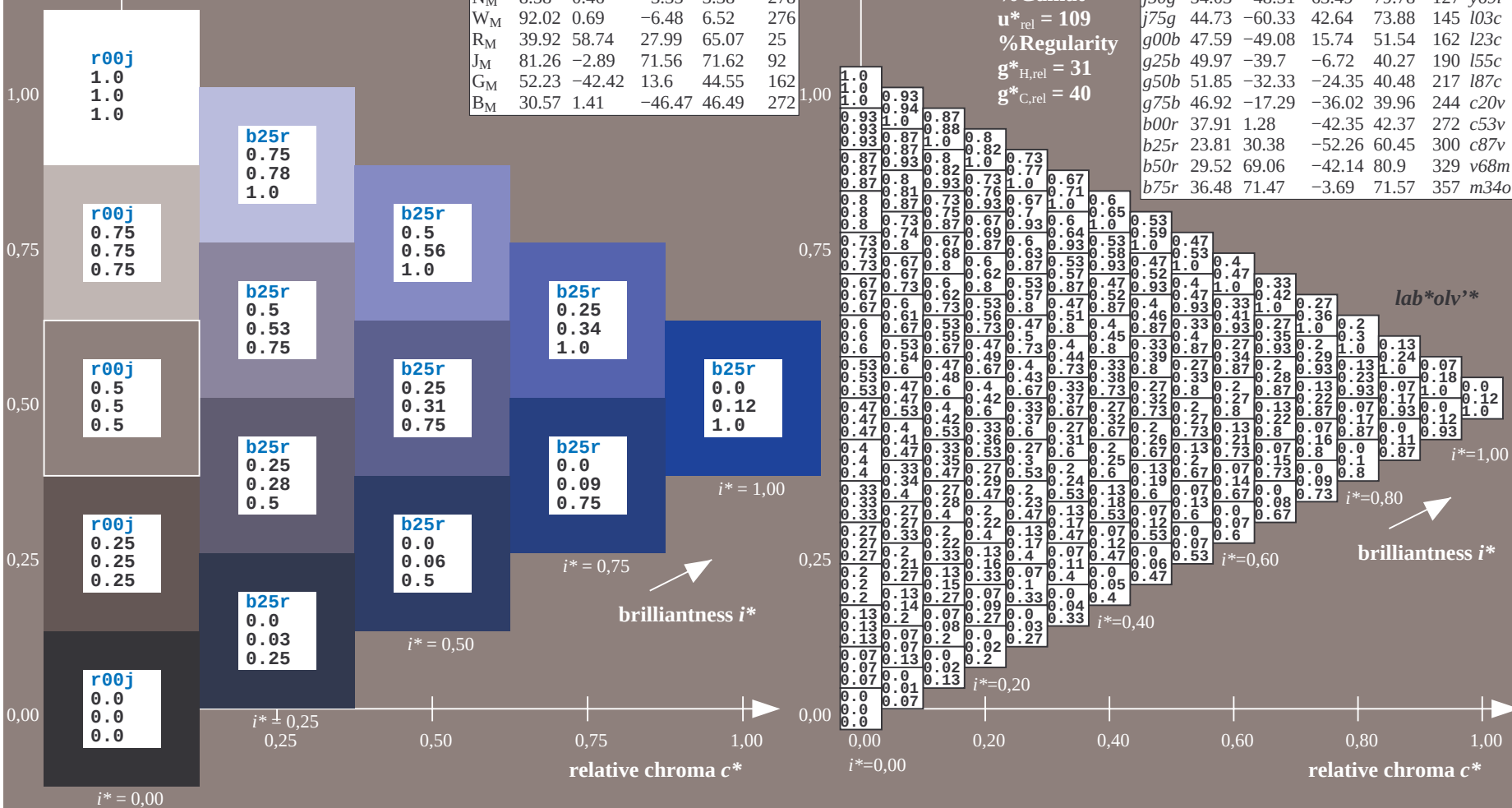
$g^*_{H,rel} = 31$

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$u^*_e = b25r$
 lab^*olv^*



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

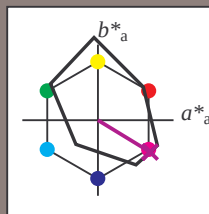
Hue texts:

$u^*_e = b50r$ $u^*_d = v68m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 69 -42

$LAB^*LCH^*_{Ma}$: 30 81 328

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

$lab^*olv^*_{Ma}$: 0.69 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

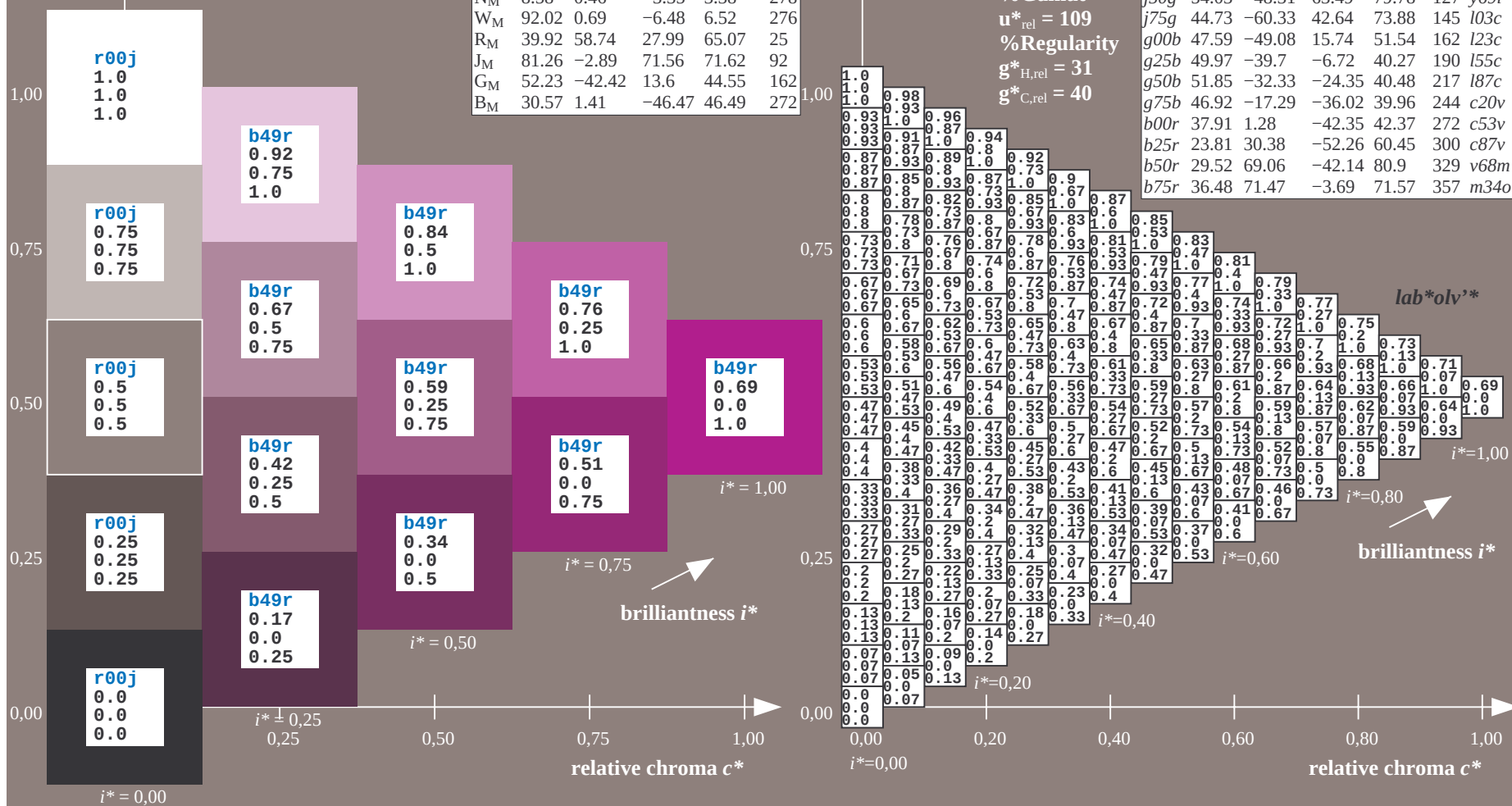
%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

data for any colour:

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

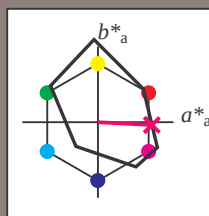
Hue texts:

$u^*_e = b75r$ $u^*_d = m34o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	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	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 71 -4

$LAB^*LCH^*_{Ma}$: 36 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.66

triangle lightness t^*

%Gamut

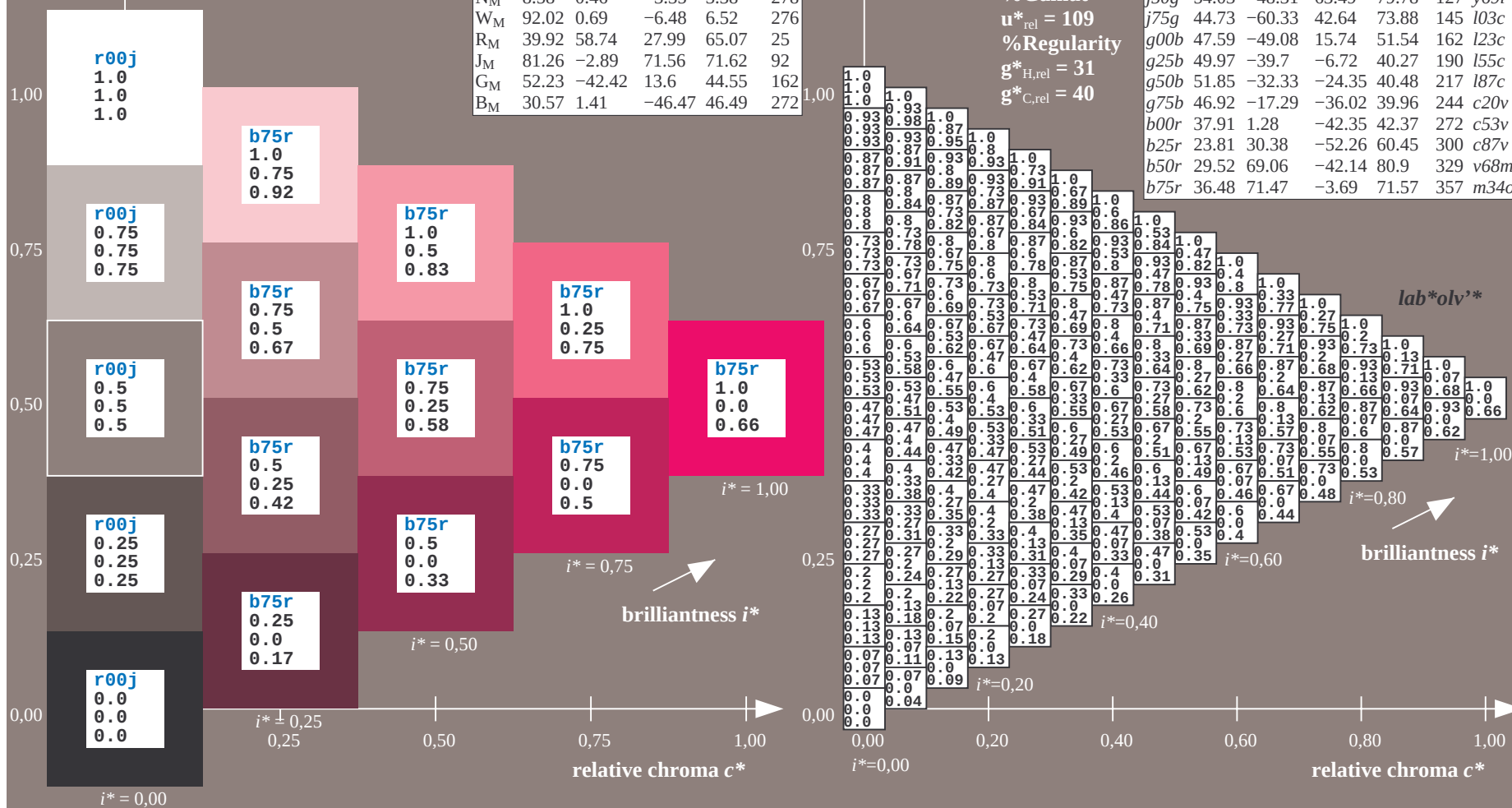
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$	
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$	
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$	
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$	
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$	
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$	
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$	
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$	
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$	
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$	
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$	
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$	
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$	
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$	
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$	
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$	



See for similar files: <http://www.ps.bam.de/Ee36/>; www.ps.bam.de
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, 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	0.12	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	0.0	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	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
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	0.25	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	
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	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	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
	0.13	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	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	
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
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	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	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25	0.25
	0.25	0.25	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	0.25	0.25	0.25	0.25	0.25	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	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	0.25	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	
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	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	0.38	0.38	0.38	0.38	0.38	0.38
	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	0.37	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	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	0.25	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	
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	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	0.5	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	0.5	0.5	0.5	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	0.5	0.5
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		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	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	0.63	0.63	0.63	0.63	0.63	0.63
	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	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63	0.63
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	0.75	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	0.0	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	0.75	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	0.75	0.75	0.75	0.75	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	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	0.25	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		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	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	0.88	0.88	0.88	0.88		
	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	0.87	1.0	1.0	0.88	0.75	0.63	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	0.25	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		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	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	0.88	0.75	0.63	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	0.37	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	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		
	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	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	0.0	
	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	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	
11	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		
	0.13	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																										

Input and output:
Colorimetric Printer Reflective System FRS09_92a
data for any colour:

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

elementary hue text:

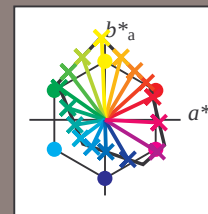
$u^*_e = 16$ hues $r00j$, $r25j$, ..., $b75r$

contrast reduction factor:

$c_R = 1.0$

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



%Gamut

$u^*_{rel} = 109$

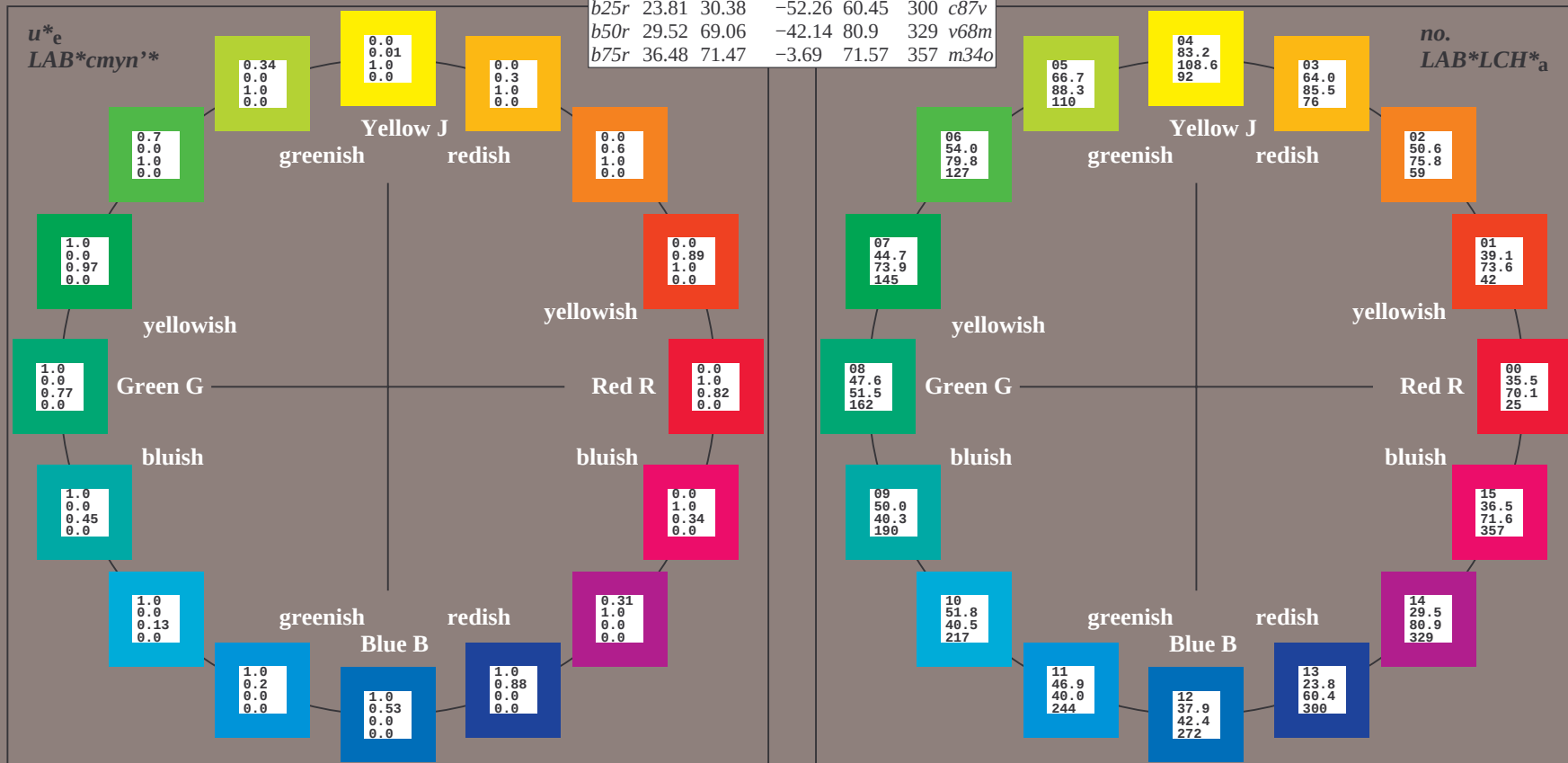
%Regularity

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

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

FRS09_92a; 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
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.89	71.56	71.62	92
G_{CIE}	52.23	-42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.47	46.49	272



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$

data for any colour:

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

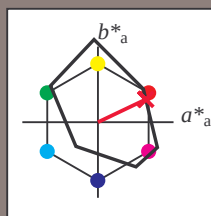
Hue texts:

$u^*_e = r00j$ $u^*_d = m81o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 63 30

$LAB^*LCH^*_{Ma}$: 35 70 25

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

%Gamut

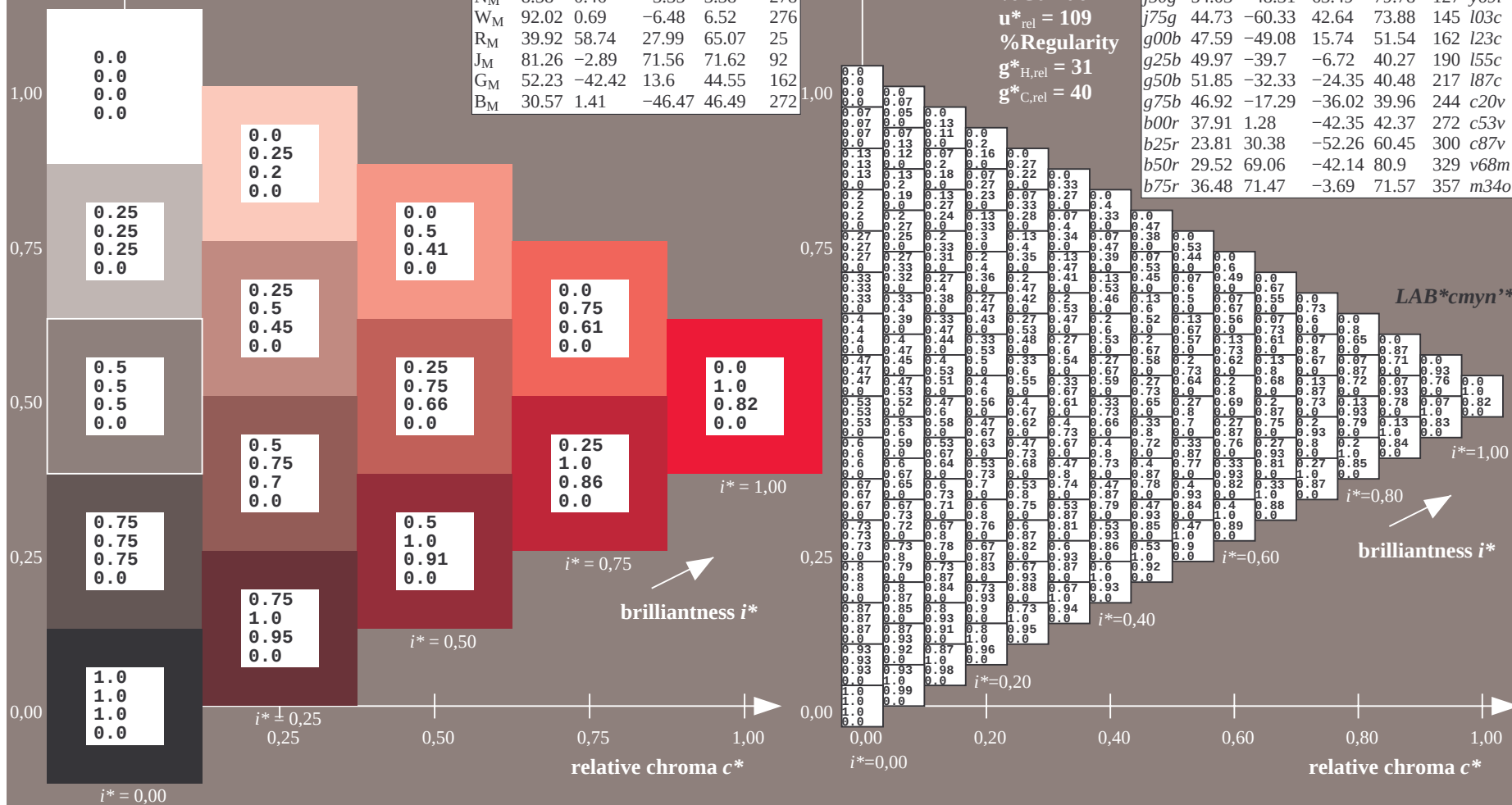
$u^*_{rel} = 109$

%Regularity

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

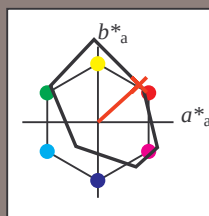
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.117$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r25j$ $u^*_d = o10y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 55 49

$LAB^*LCH^*_{Ma}$: 39 74 42

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

$lab^*olv^*_{Ma}$: 1.0 0.11 0.0

triangle lightness t^*

%Gamut

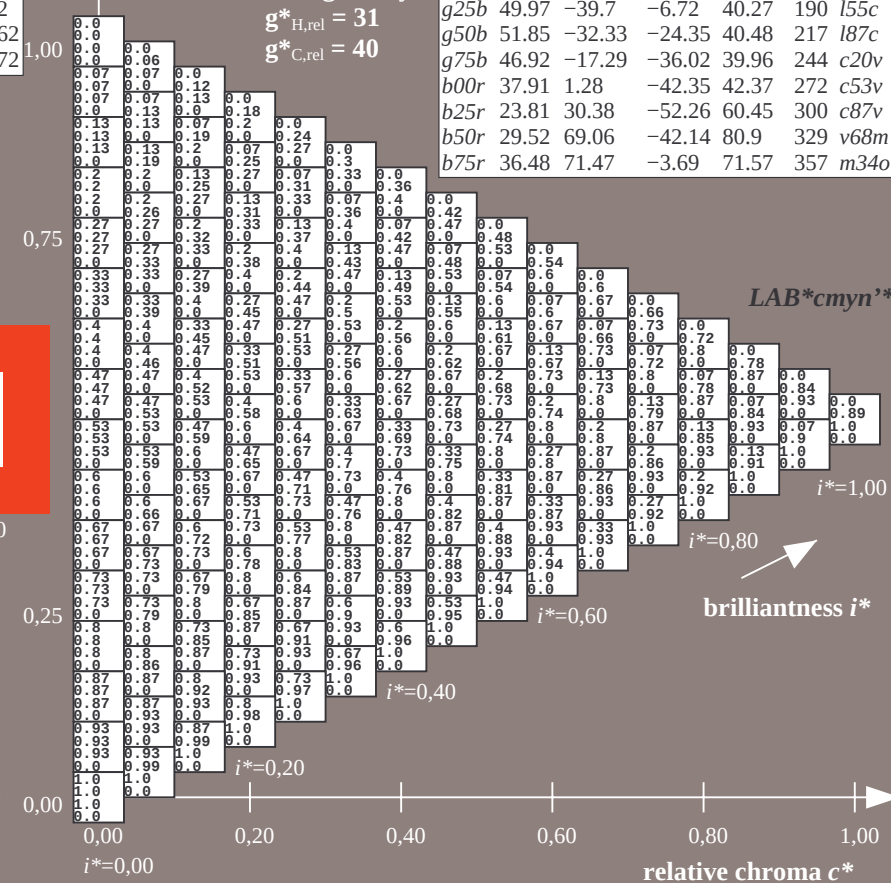
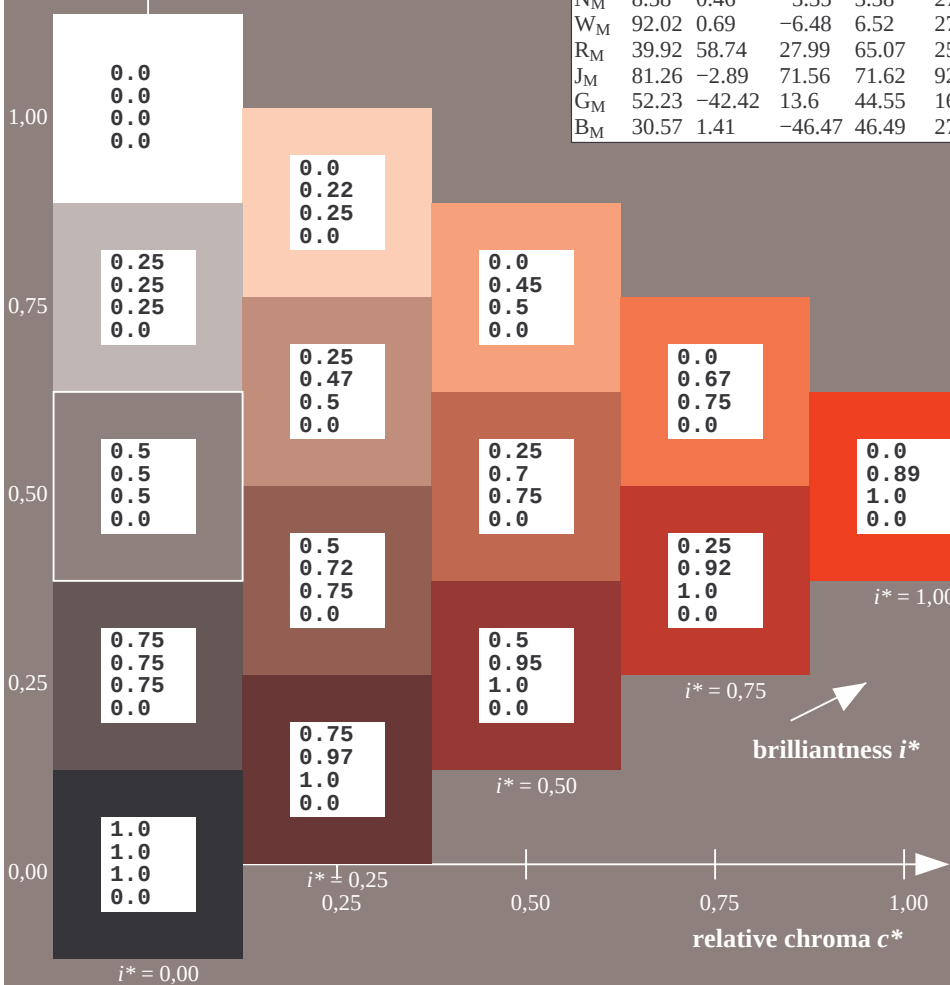
$u^*_{rel} = 109$

%Regularity

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

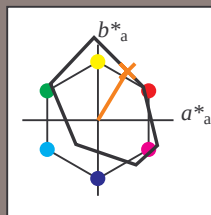
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.164$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r50j$ $u^*_d = o40y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 51 39 65

LAB^*LCH^*Ma : 51 76 58

lab^*rgb^*Ma : 1.0 0.5 0.0

lab^*olv^*Ma : 1.0 0.4 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$LAB^*cmy^n^*$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

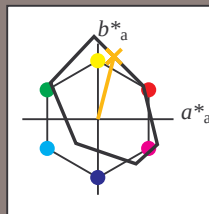
$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.21$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = r75j$ $u^*_d = o69y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 21 83

$LAB^*LCH^*_{Ma}$: 64 86 75

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

$lab^*olv^*_{Ma}$: 1.0 0.7 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$	
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$	
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$	
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$	
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$	
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$	
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$	
$j75g$	44.73	-60.33	42.64	73.88	145	$i03c$	
$g00b$	47.59	-49.08	15.74	51.54	162	$i23c$	
$g25b$	49.97	-39.7	-6.72	40.27	190	$i55c$	
$g50b$	51.85	-32.33	-24.35	40.48	217	$i87c$	
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$	
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$	
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$	
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$	
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$	

$LAB^*cmy^n^*$

$i^*=1.00$

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_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.256$

data for any colour:

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

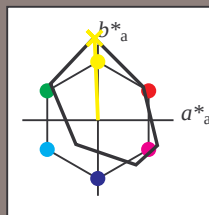
Hue texts:

$u^*_e = j00g$ $u^*_d = o98y$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -4 109

$LAB^*LCH^*_{Ma}$: 83 109 92

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*cmy^n^*$

$i^*=1.00$

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_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.305$

data for any colour:

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

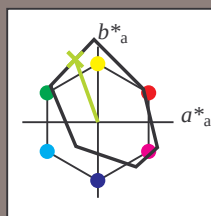
Hue texts:

$u^*_e = j25g$ $u^*_d = y34l$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -30 83

$LAB^*LCH^*_{Ma}$: 67 88 109

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

$lab^*olv^*_{Ma}$: 0.66 1.0 0.0

triangle lightness t^*

%Gamut

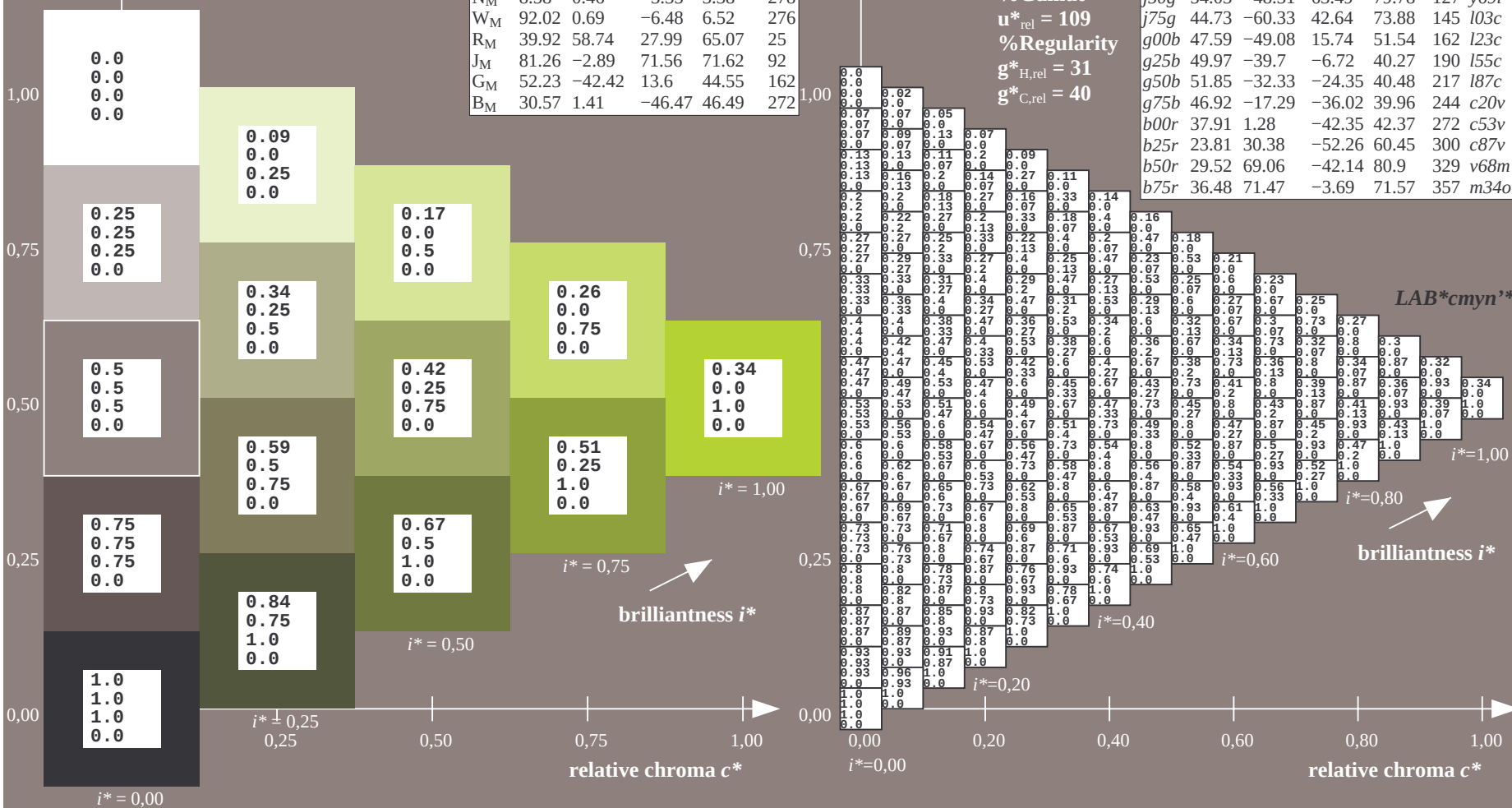
$u^*_{rel} = 109$

%Regularity

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

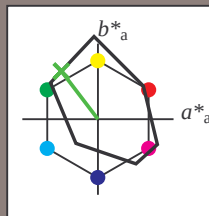
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	i03c	
g00b	47.59	-49.08	15.74	51.54	162	i23c	
g25b	49.97	-39.7	-6.72	40.27	190	i55c	
g50b	51.85	-32.33	-24.35	40.48	217	i87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j50g$ $u^*_d = y69l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 54 -48 63

$LAB^*LCH^*_Ma$: 54 80 127

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

$lab^*olv^*_Ma$: 0.3 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

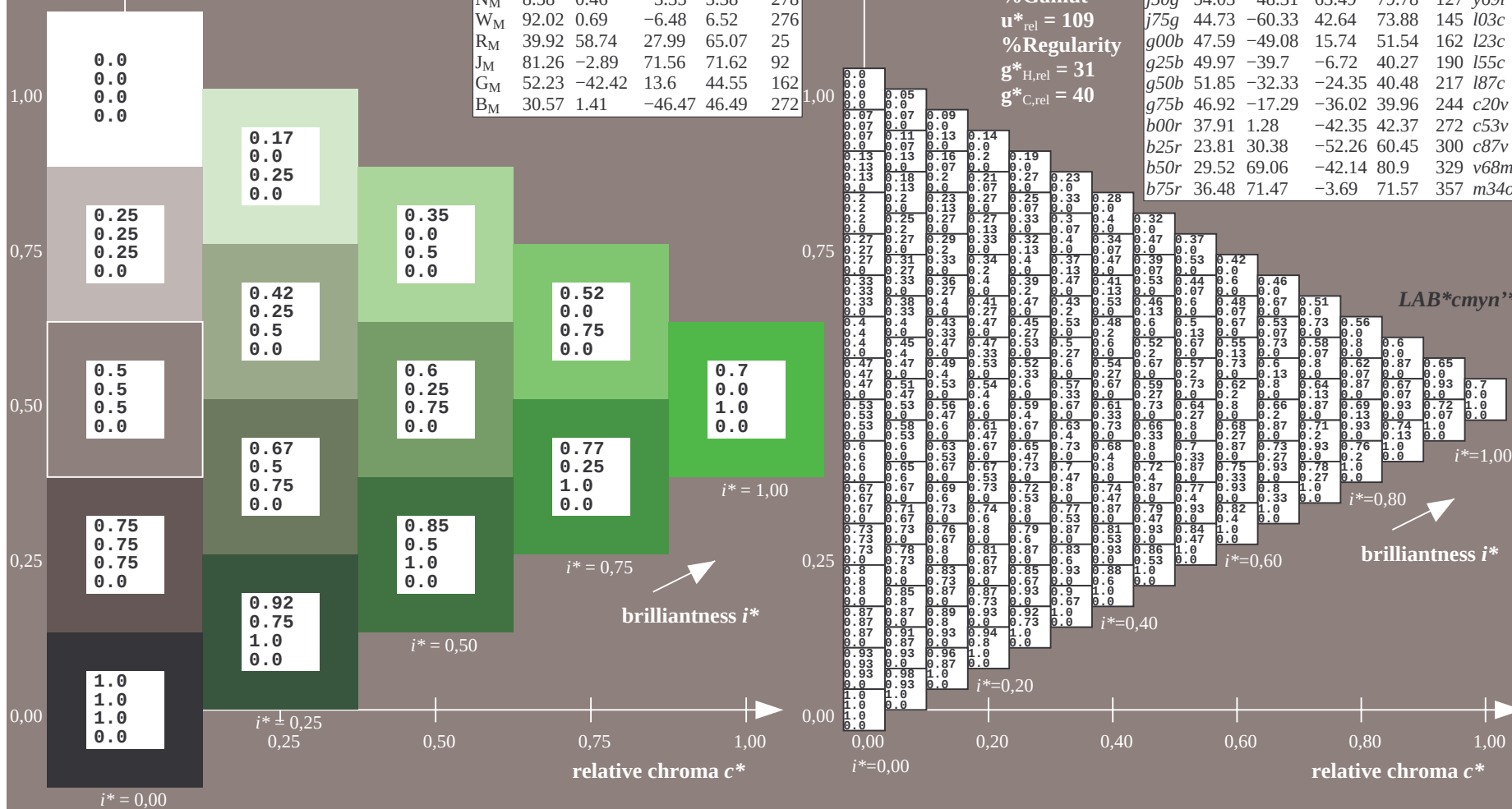
%Regularity

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

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

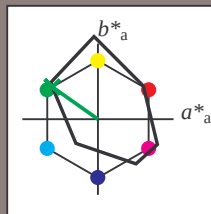
FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$
$j75g$	44.73	-60.33	42.64	73.88	145	$i03c$
$g00b$	47.59	-49.08	15.74	51.54	162	$i23c$
$g25b$	49.97	-39.7	-6.72	40.27	190	$i55c$
$g50b$	51.85	-32.33	-24.35	40.48	217	$i87c$
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.402$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = j75g$ $u^*_d = i03c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 45 -60 43

$LAB^*LCH^*_{Ma}$: 45 74 144

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.03

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data									
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d			
r00j	35.47	63.32	30.17	70.15	25	m81o			
r25j	39.12	54.56	49.45	73.64	42	o10y			
r50j	50.64	39.15	64.89	75.79	59	o40y			
r75j	64.01	21.26	82.83	85.52	76	o69y			
j00g	83.18	-4.38	108.53	108.62	92	o98y			
j25g	66.73	-29.89	83.06	88.28	110	y34l			
j50g	54.03	-48.31	63.49	79.78	127	y69l			
j75g	44.73	-60.33	42.64	73.88	145	i03c			
g00b	47.59	-49.08	15.74	51.54	162	i23c			
g25b	49.97	-39.7	-6.72	40.27	190	i55c			
g50b	51.85	-32.33	-24.35	40.48	217	i87c			
g75b	46.92	-17.29	-36.02	39.96	244	c20v			
b00r	37.91	1.28	-42.35	42.37	272	c53v			
b25r	23.81	30.38	-52.26	60.45	300	c87v			
b50r	29.52	69.06	-42.14	80.9	329	v68m			
b75r	36.48	71.47	-3.69	71.57	357	m34o			

LAB^*cmyn^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

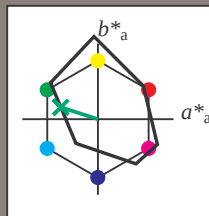
$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g00b$ $u^*_d = l23c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 48 -49 16

LAB^*LCH^*Ma : 48 52 162

lab^*rgb^*Ma : 0.0 1.0 0.0

lab^*olv^*Ma : 0.0 1.0 0.23

triangle lightness t^*

%Gamut

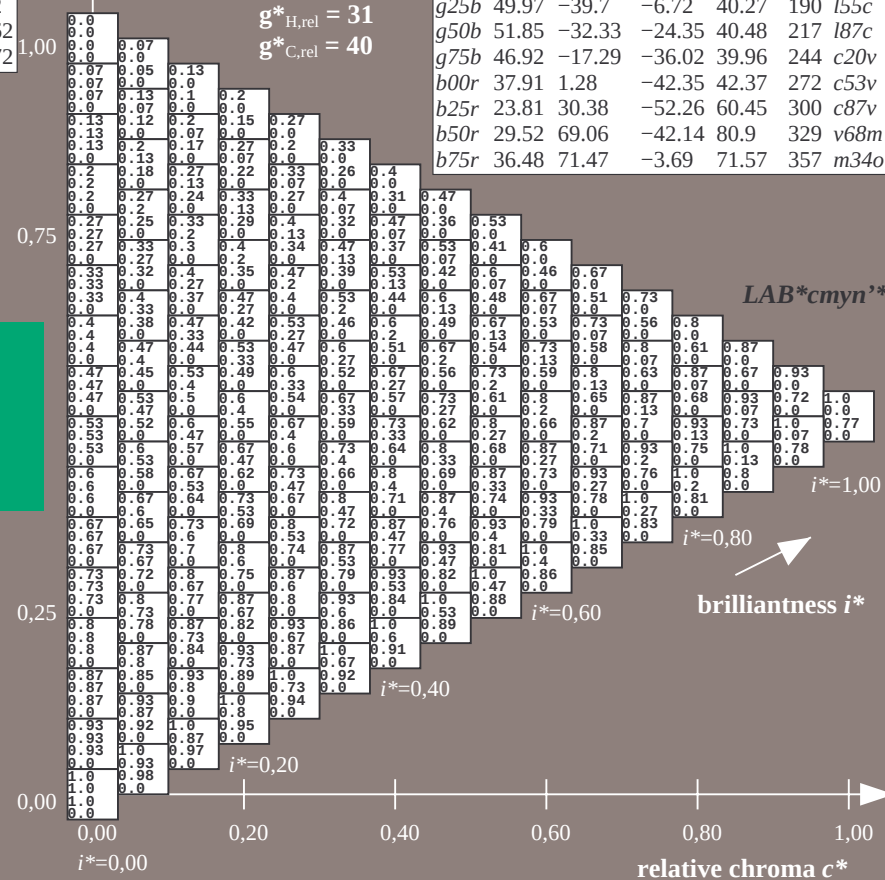
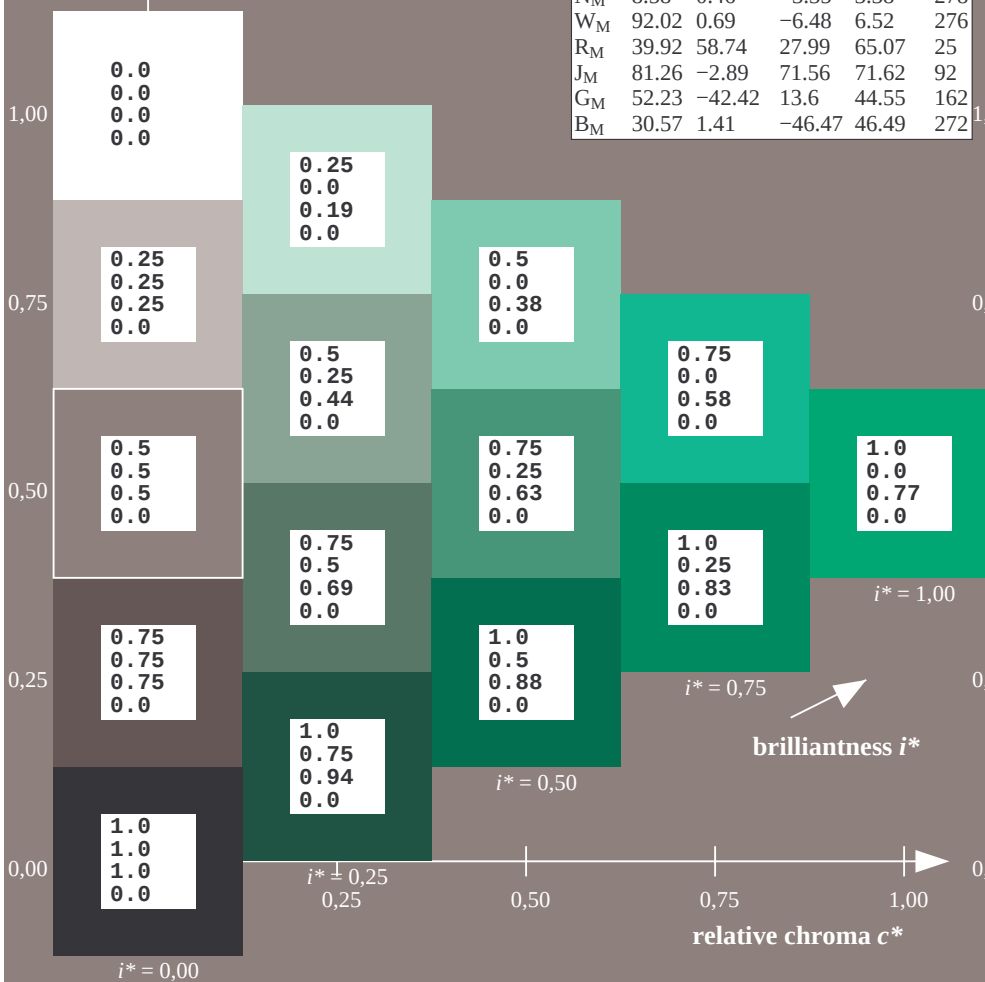
$u^*_{rel} = 109$

%Regularity

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

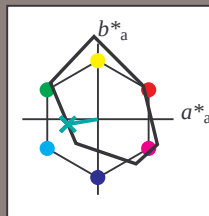
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g25b$ $u^*_d = l55c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 50 -40 -7

LAB^*LCH^*Ma : 50 40 189

lab^*rgb^*Ma : 0.0 1.0 0.5

lab^*olv^*Ma : 0.0 1.0 0.55

triangle lightness t^*

%Gamut

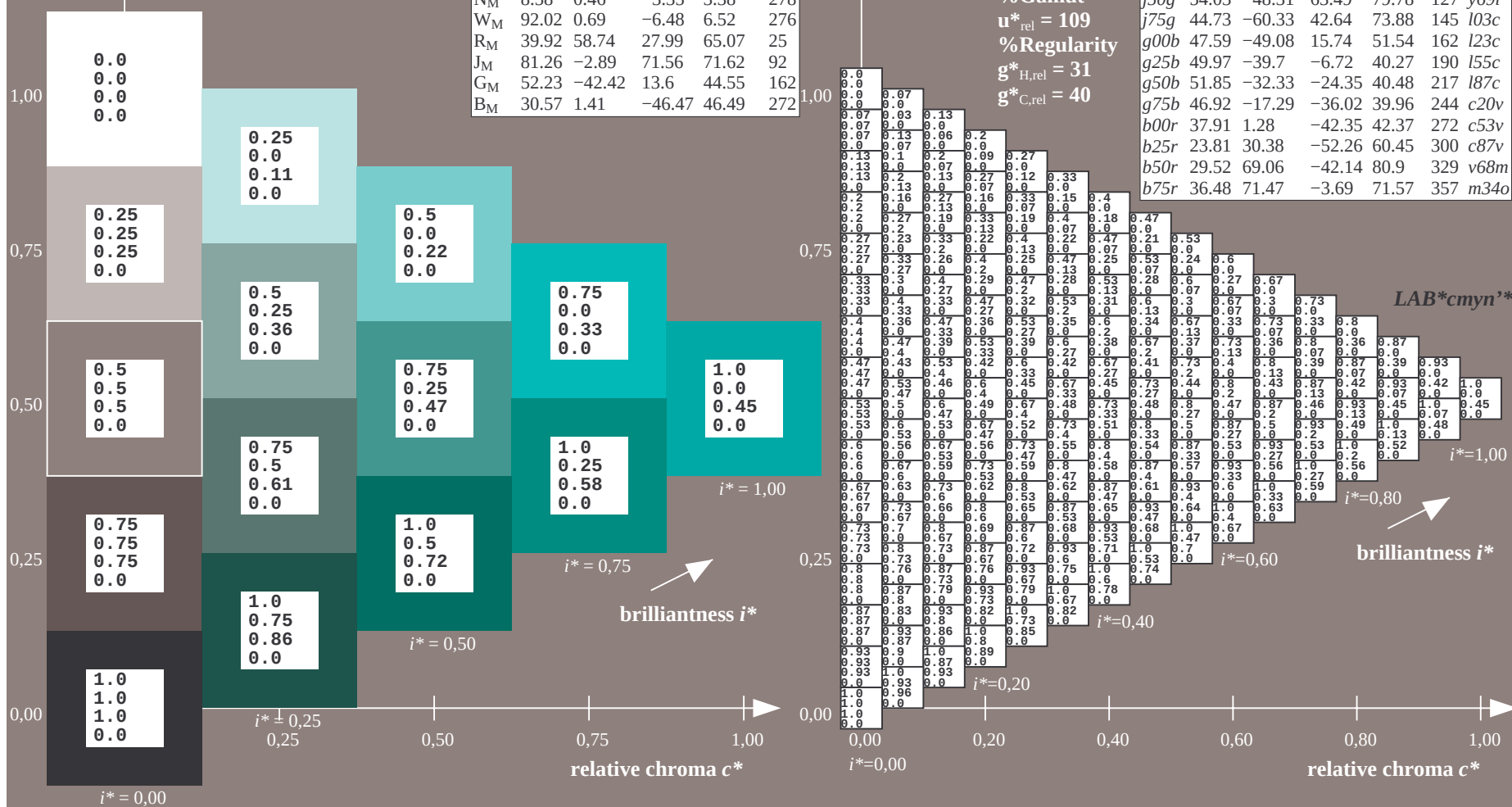
$u^*_{rel} = 109$

%Regularity

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

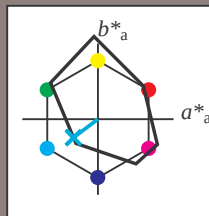
$g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g50b$ $u^*_d = l87c$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



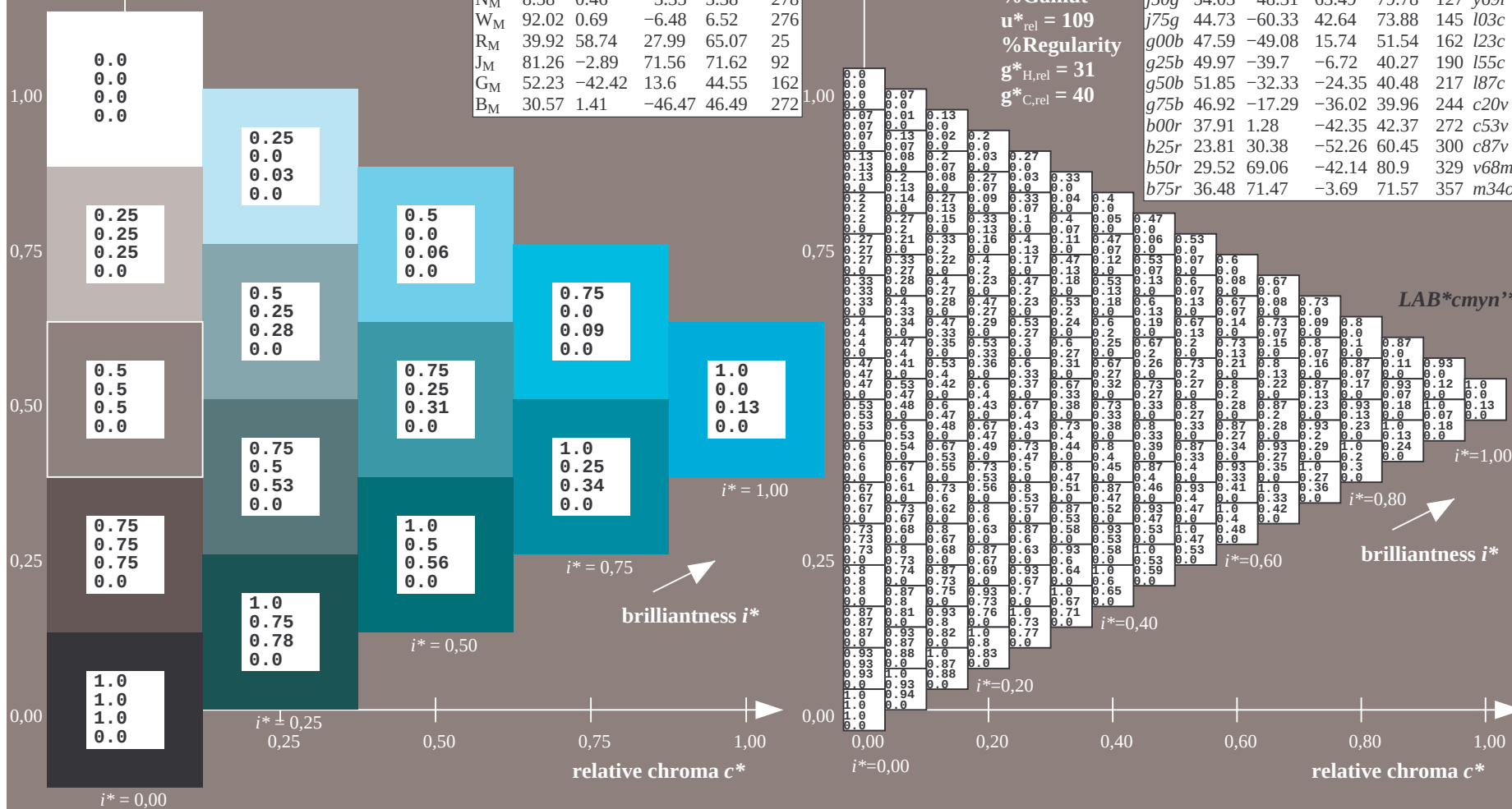
FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O_M	35.06	60.53	39.66	72.37	33	
Y_M	83.77	-4.5	103.15	103.25	92	
L_M	44.13	-62.11	43.56	75.86	145	
C_M	52.66	-28.56	-36.99	46.73	232	
V_M	14.15	50.78	-62.6	80.61	309	
M_M	37.37	79.18	-37.93	87.8	334	
N_M	8.58	0.46	-3.35	3.38	278	
W_M	92.02	0.69	-6.48	6.52	276	
R_M	39.92	58.74	27.99	65.07	25	
J_M	81.26	-2.89	71.56	71.62	92	
G_M	52.23	-42.42	13.6	44.55	162	
B_M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 52 -32 -24
 $LAB^*LCH^*_Ma$: 52 40 216
 $lab^*rgb^*_Ma$: 0.0 1.0 1.0
 $lab^*olv^*_Ma$: 0.0 1.0 0.87
triangle lightness t^*

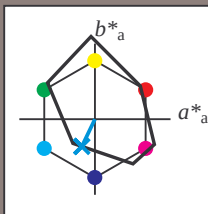
%Gamut
 $u^*_{rel} = 109$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
$r00j$	35.47	63.32	30.17	70.15	25	$m81o$	
$r25j$	39.12	54.56	49.45	73.64	42	$o10y$	
$r50j$	50.64	39.15	64.89	75.79	59	$o40y$	
$r75j$	64.01	21.26	82.83	85.52	76	$o69y$	
$j00g$	83.18	-4.38	108.53	108.62	92	$o98y$	
$j25g$	66.73	-29.89	83.06	88.28	110	$y34l$	
$j50g$	54.03	-48.31	63.49	79.78	127	$y69l$	
$j75g$	44.73	-60.33	42.64	73.88	145	$l03c$	
$g00b$	47.59	-49.08	15.74	51.54	162	$l23c$	
$g25b$	49.97	-39.7	-6.72	40.27	190	$l55c$	
$g50b$	51.85	-32.33	-24.35	40.48	217	$l87c$	
$g75b$	46.92	-17.29	-36.02	39.96	244	$c20v$	
$b00r$	37.91	1.28	-42.35	42.37	272	$c53v$	
$b25r$	23.81	30.38	-52.26	60.45	300	$c87v$	
$b50r$	29.52	69.06	-42.14	80.9	329	$v68m$	
$b75r$	36.48	71.47	-3.69	71.57	357	$m34o$	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = g75b$ $u^*_d = c20v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 47 -17 -36

LAB^*LCH^*Ma : 47 40 244

lab^*rgb^*Ma : 0.0 0.5 1.0

lab^*olv^*Ma : 0.0 0.8 1.0

triangle lightness t^*

% Gamut

$u^*_{rel} = 109$

% Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

LAB^*cmyn^*

$i^*=1.00$

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_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

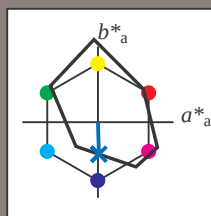
Hue texts:

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

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 38 1 -42

LAB^*LCH^*Ma : 38 42 271

lab^*rgb^*Ma : 0.0 0.0 1.0

lab^*olv^*Ma : 0.0 0.47 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

LAB^*cmyn^*

$i^*=1.00$

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_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$

data for any colour:

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

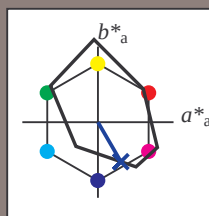
Hue texts:

$u^*_e = b25r$ $u^*_d = c87v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 24 30 -52

LAB^*LCH^*Ma : 24 60 300

lab^*rgb^*Ma : 0.5 0.0 1.0

lab^*olv^*Ma : 0.0 0.12 1.0

triangle lightness t^*

%Gamut

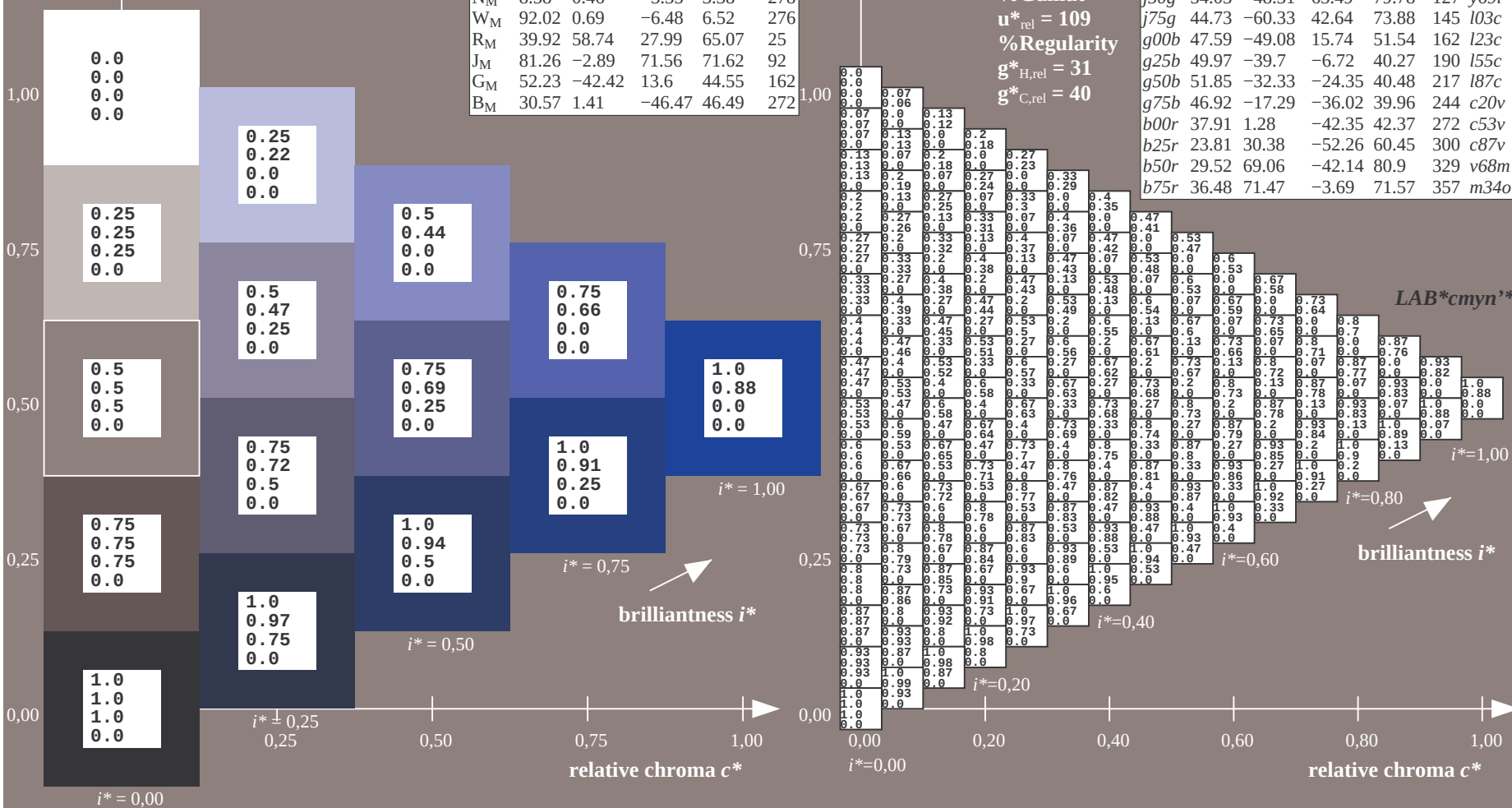
$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$

data for any colour:

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

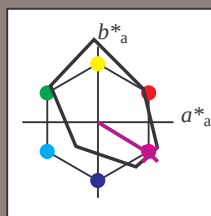
Hue texts:

$u^*_e = b50r$ $u^*_d = v68m$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data						
u^*_e	$L^*=L^*$	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	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 30 69 -42

$LAB^*LCH^*_{Ma}$: 30 81 328

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

$lab^*olv^*_{Ma}$: 0.69 0.0 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data							
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d	
r00j	35.47	63.32	30.17	70.15	25	m81o	
r25j	39.12	54.56	49.45	73.64	42	o10y	
r50j	50.64	39.15	64.89	75.79	59	o40y	
r75j	64.01	21.26	82.83	85.52	76	o69y	
j00g	83.18	-4.38	108.53	108.62	92	o98y	
j25g	66.73	-29.89	83.06	88.28	110	y34l	
j50g	54.03	-48.31	63.49	79.78	127	y69l	
j75g	44.73	-60.33	42.64	73.88	145	l03c	
g00b	47.59	-49.08	15.74	51.54	162	l23c	
g25b	49.97	-39.7	-6.72	40.27	190	l55c	
g50b	51.85	-32.33	-24.35	40.48	217	l87c	
g75b	46.92	-17.29	-36.02	39.96	244	c20v	
b00r	37.91	1.28	-42.35	42.37	272	c53v	
b25r	23.81	30.38	-52.26	60.45	300	c87v	
b50r	29.52	69.06	-42.14	80.9	329	v68m	
b75r	36.48	71.47	-3.69	71.57	357	m34o	

$LAB^*cmy^n^*$

$i^*=1.00$

brilliantness i^*

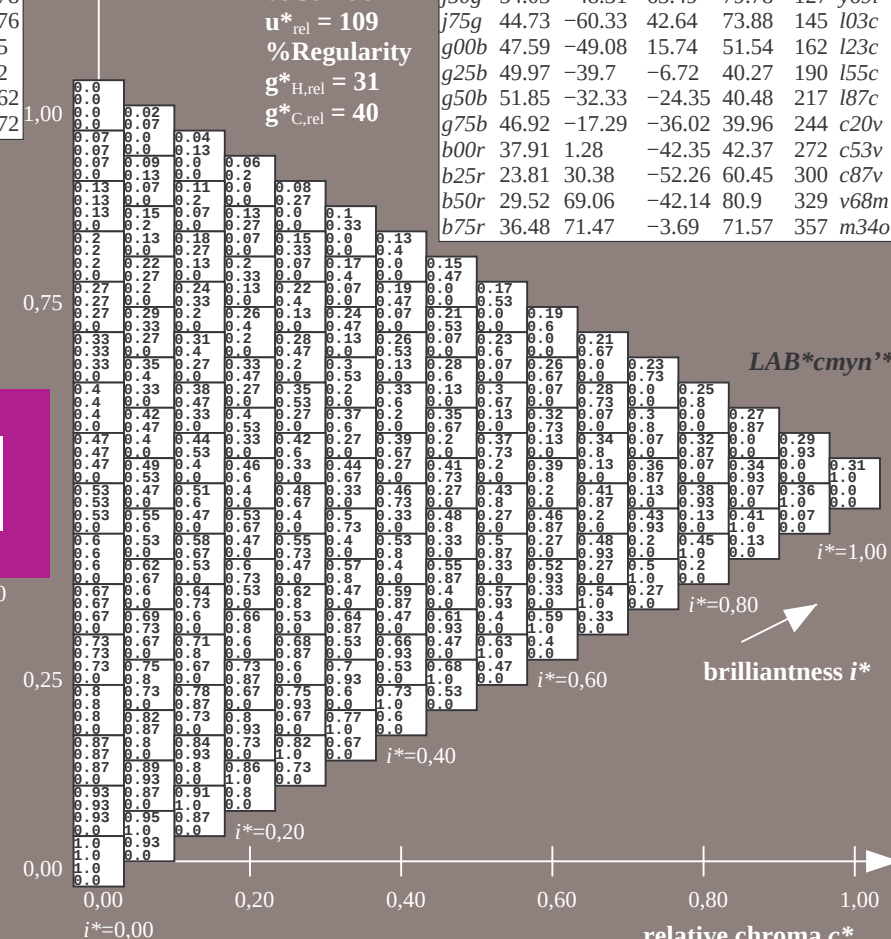
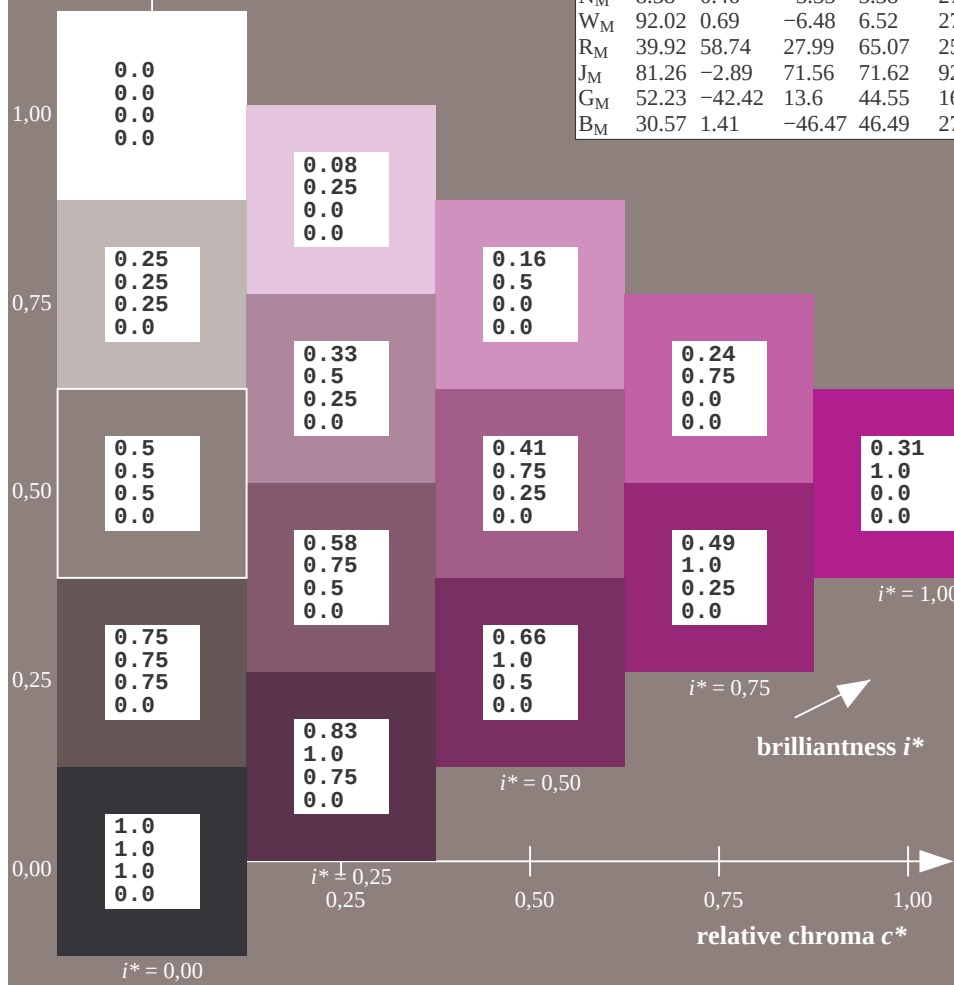
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Input and output: Colorimetric Printer Reflective System FRS09_92a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$

data for any colour:

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

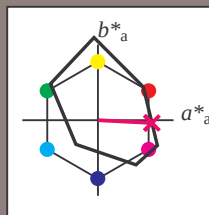
Hue texts:

$u^*_e = b75r$ $u^*_d = m34o$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



FRS09_92a; CIELAB data

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

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 71 -4

$LAB^*LCH^*_{Ma}$: 36 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.66

triangle lightness t^*

%Gamut

$u^*_{rel} = 109$

%Regularity

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

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

FRS09_92a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	35.47	63.32	30.17	70.15	25	m81o
r25j	39.12	54.56	49.45	73.64	42	o10y
r50j	50.64	39.15	64.89	75.79	59	o40y
r75j	64.01	21.26	82.83	85.52	76	o69y
j00g	83.18	-4.38	108.53	108.62	92	o98y
j25g	66.73	-29.89	83.06	88.28	110	y34l
j50g	54.03	-48.31	63.49	79.78	127	y69l
j75g	44.73	-60.33	42.64	73.88	145	l03c
g00b	47.59	-49.08	15.74	51.54	162	l23c
g25b	49.97	-39.7	-6.72	40.27	190	l55c
g50b	51.85	-32.33	-24.35	40.48	217	l87c
g75b	46.92	-17.29	-36.02	39.96	244	c20v
b00r	37.91	1.28	-42.35	42.37	272	c53v
b25r	23.81	30.38	-52.26	60.45	300	c87v
b50r	29.52	69.06	-42.14	80.9	329	v68m
b75r	36.48	71.47	-3.69	71.57	357	m34o

$LAB^*cmy^n^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

[illegible]