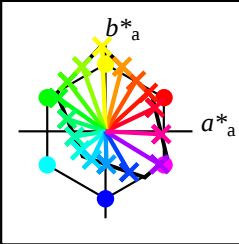


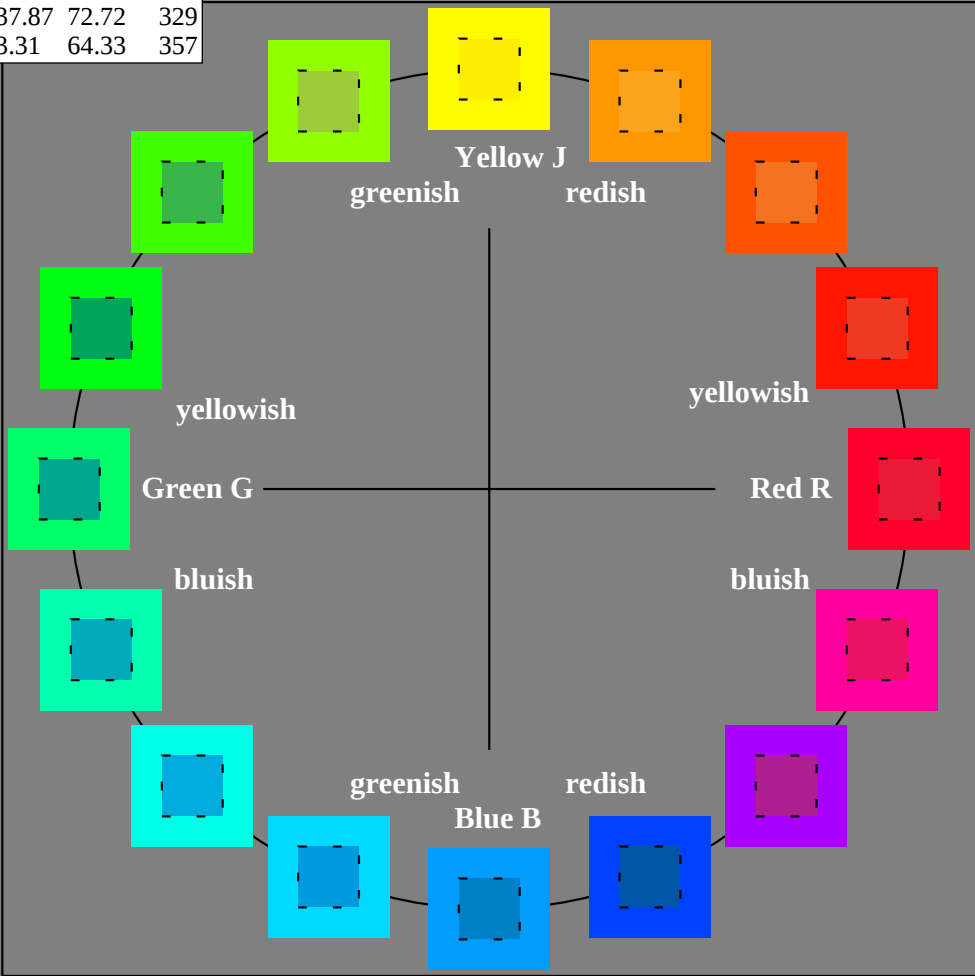
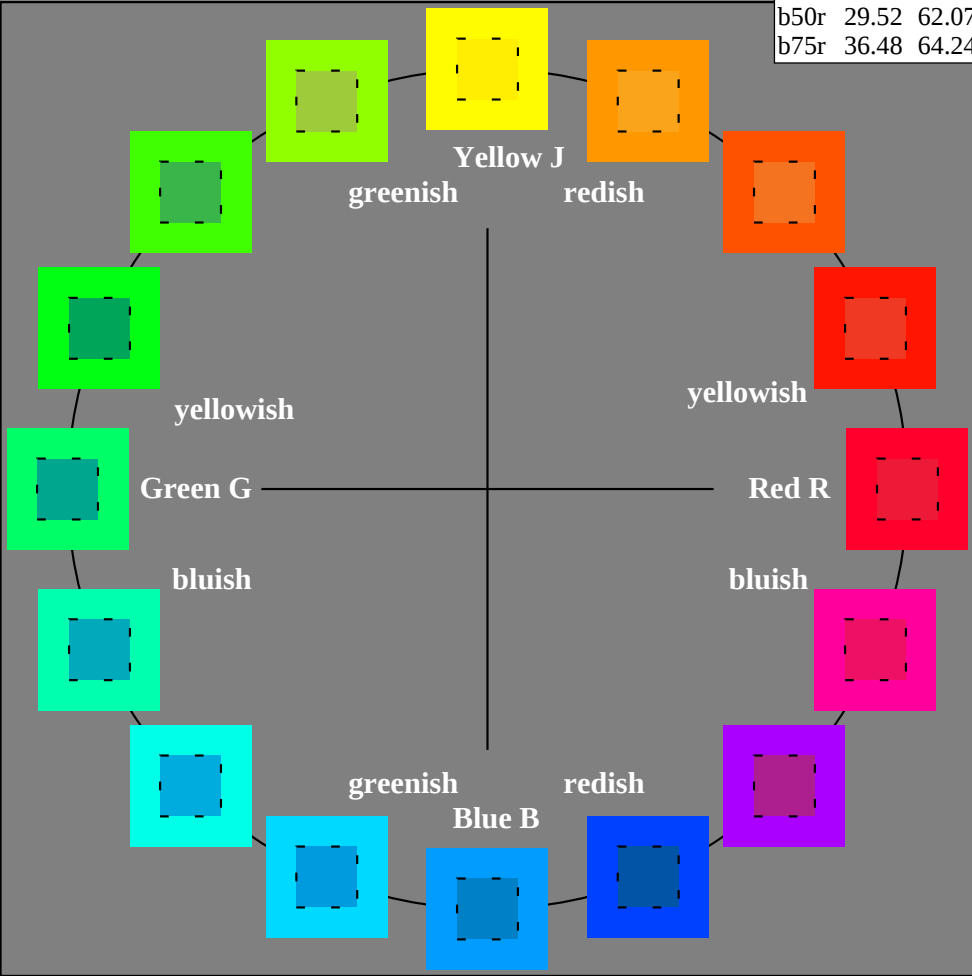
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
 $lab^{*}tch^{*}$ and $lab^{*}icu^{*}$
elementary hue text:
 $u^{*} = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.9$

FRS15_90aM; adapted (a) CIELAB data					
	$L^{*}=L^{*}_a$	a^{*}_a	b^{*}_a	$C^{*}_{ab,a}$	$h^{*}_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



%Gamut
 $u^{*}_{rel} = 88$
%Regularity
 $g^{*}_{H,rel} = 31$
 $g^{*}_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^{*}=L^{*}_a$	a^{*}_a	b^{*}_a	$C^{*}_{ab,a}$	$h^{*}_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:

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

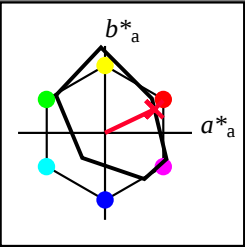
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 57 27

$LAB^*LCH^*_{Ma}$: 35 63 25

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

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

triangle lightness t^*

%Gamut

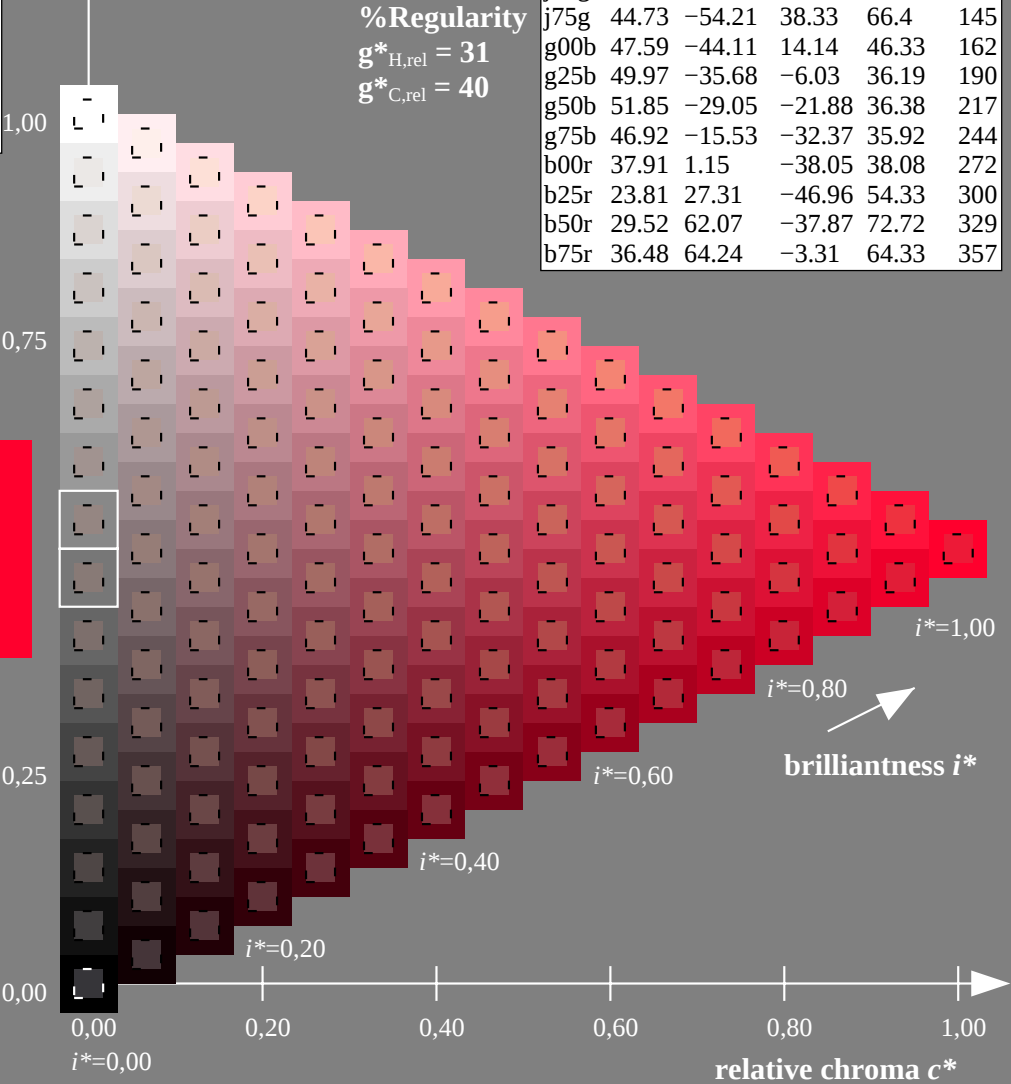
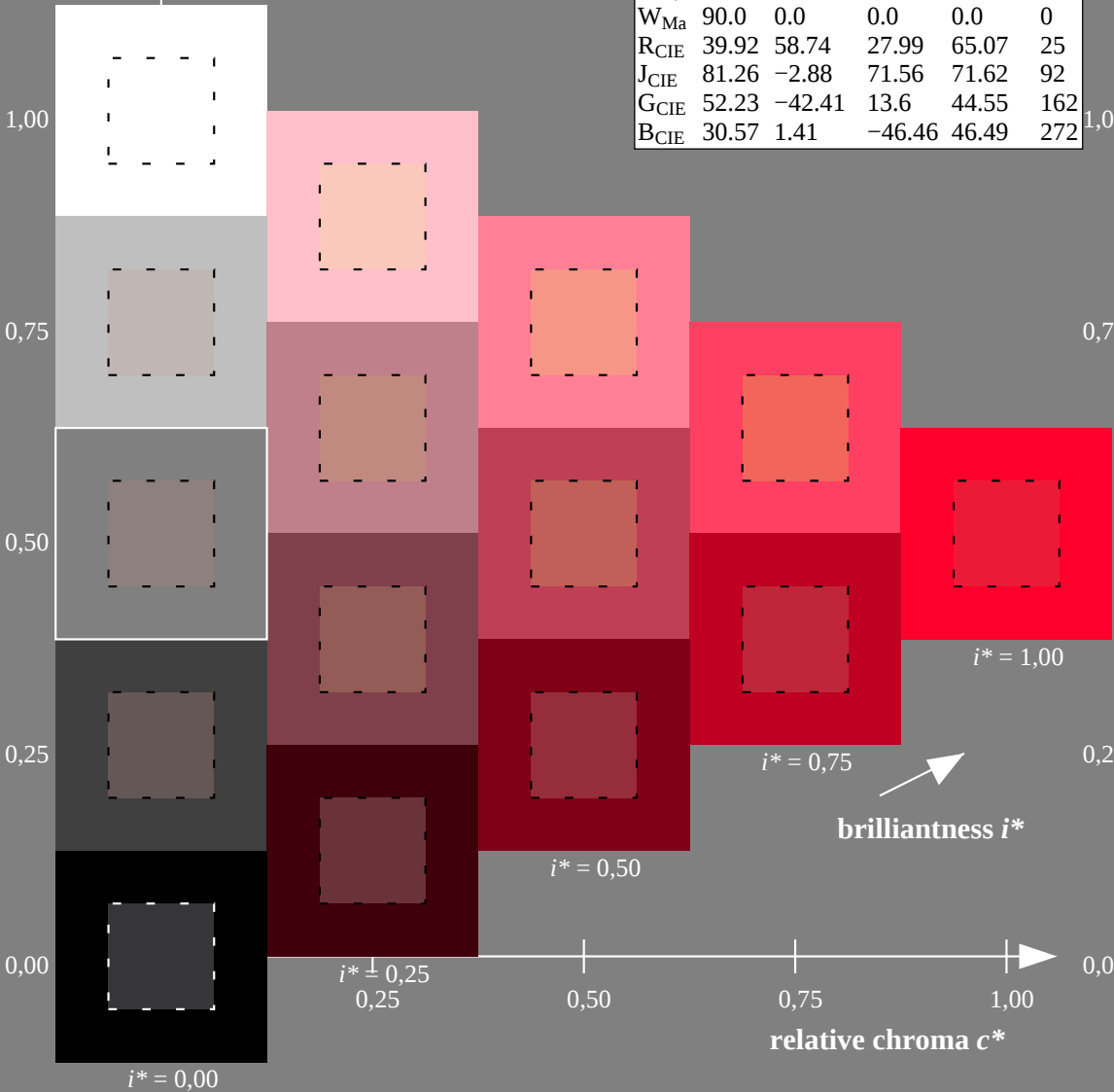
$u^*_{rel} = 88$

%Regularity

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

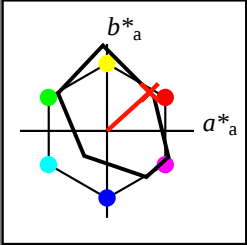
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:

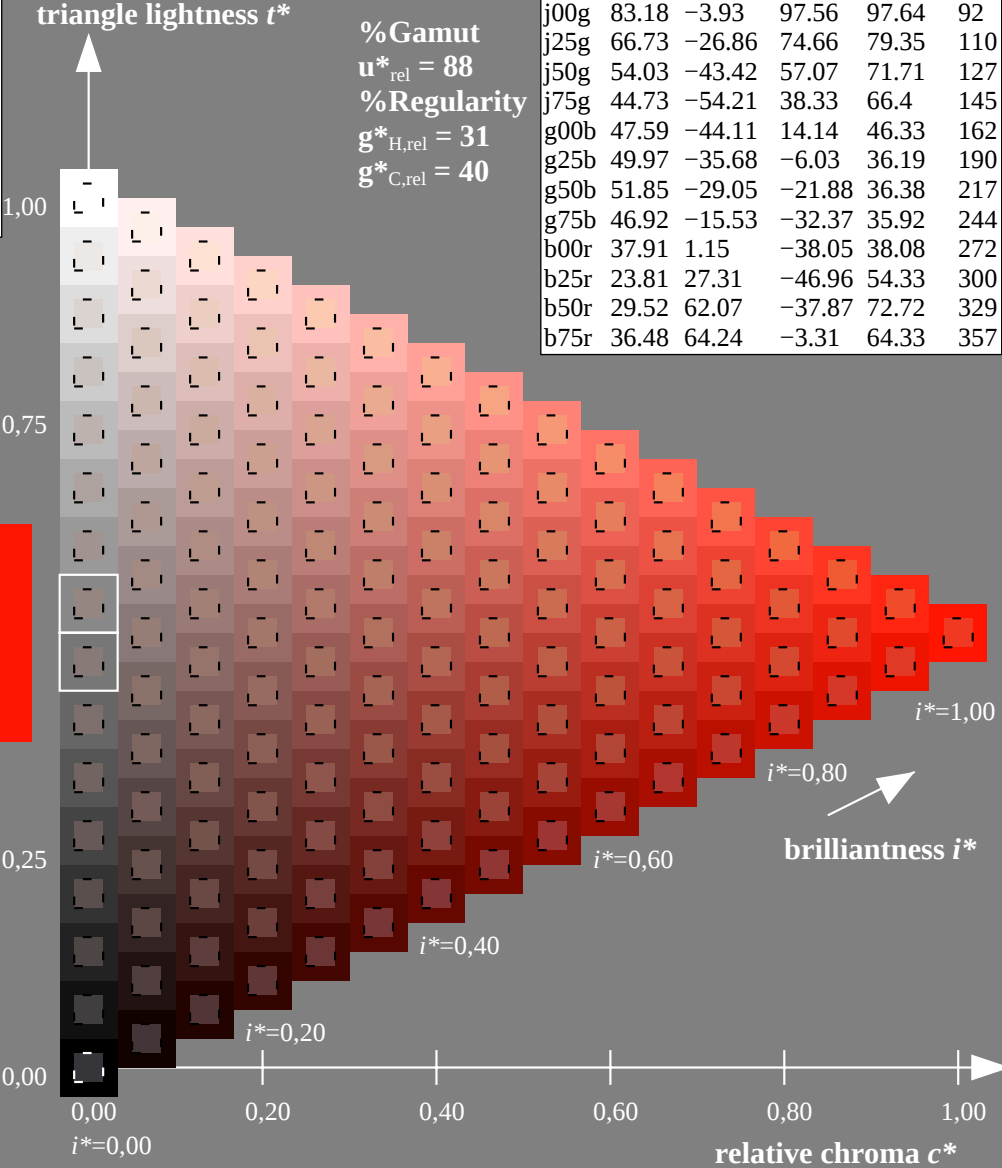
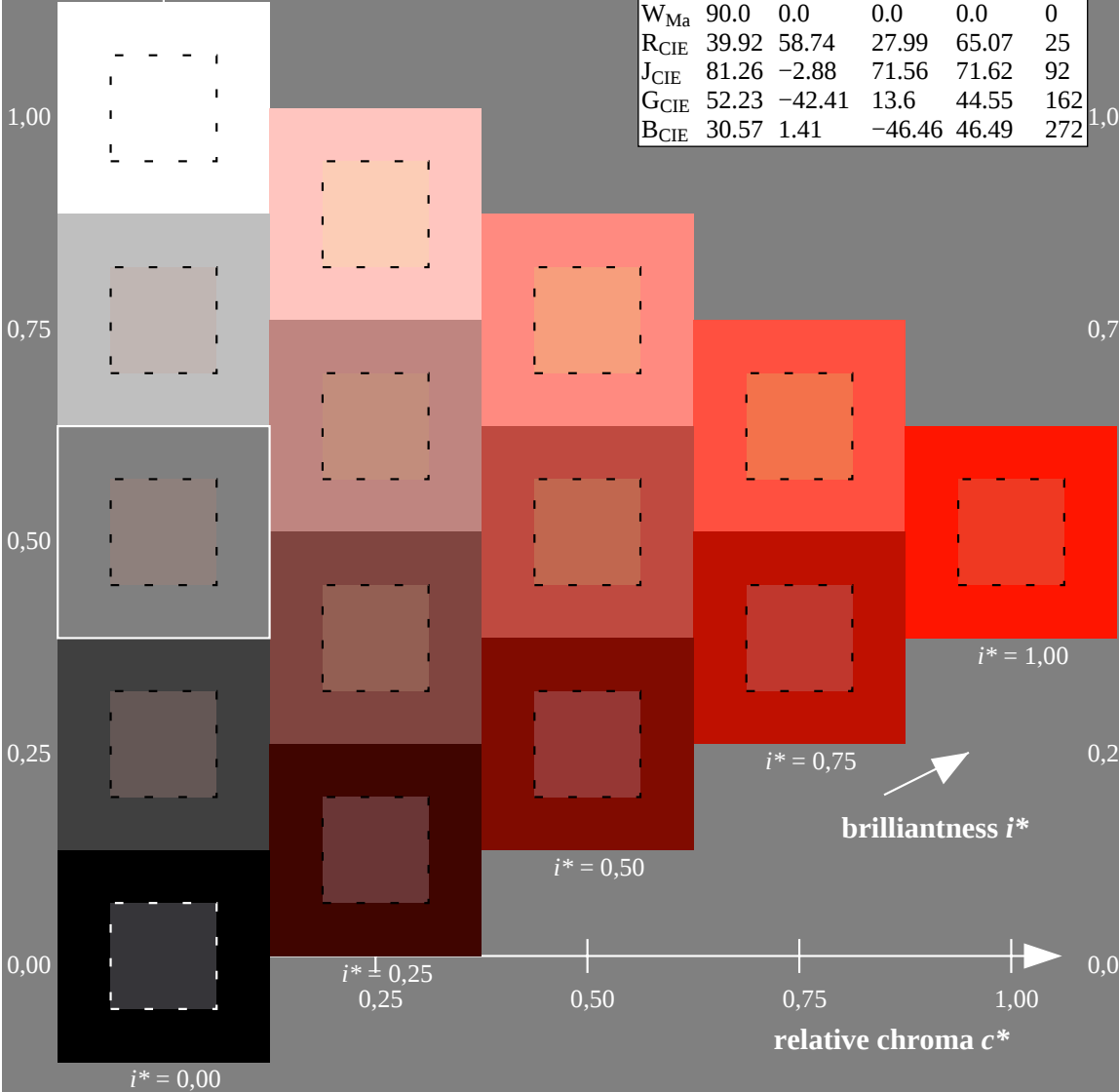
lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r25j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

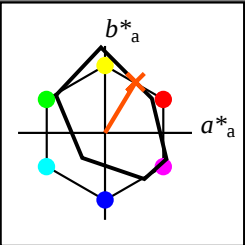
Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r50j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



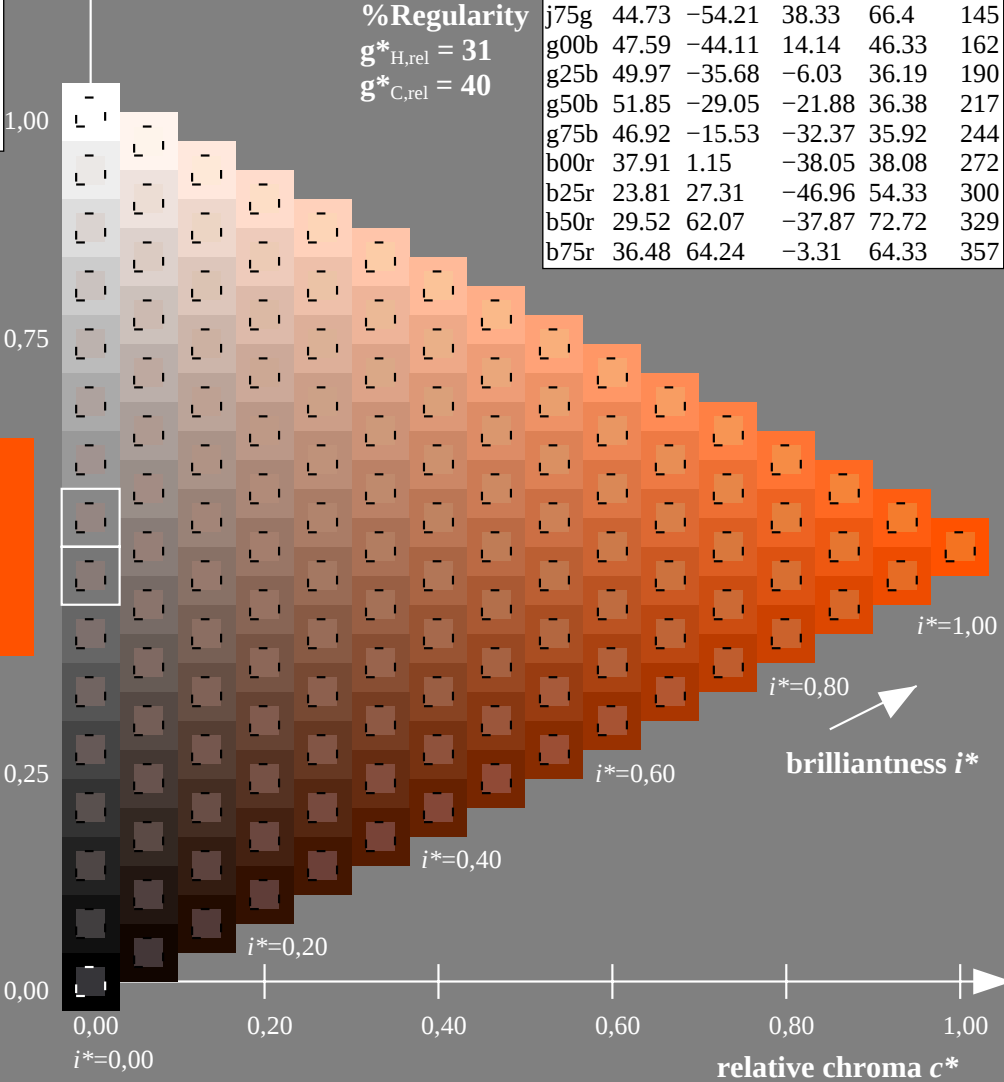
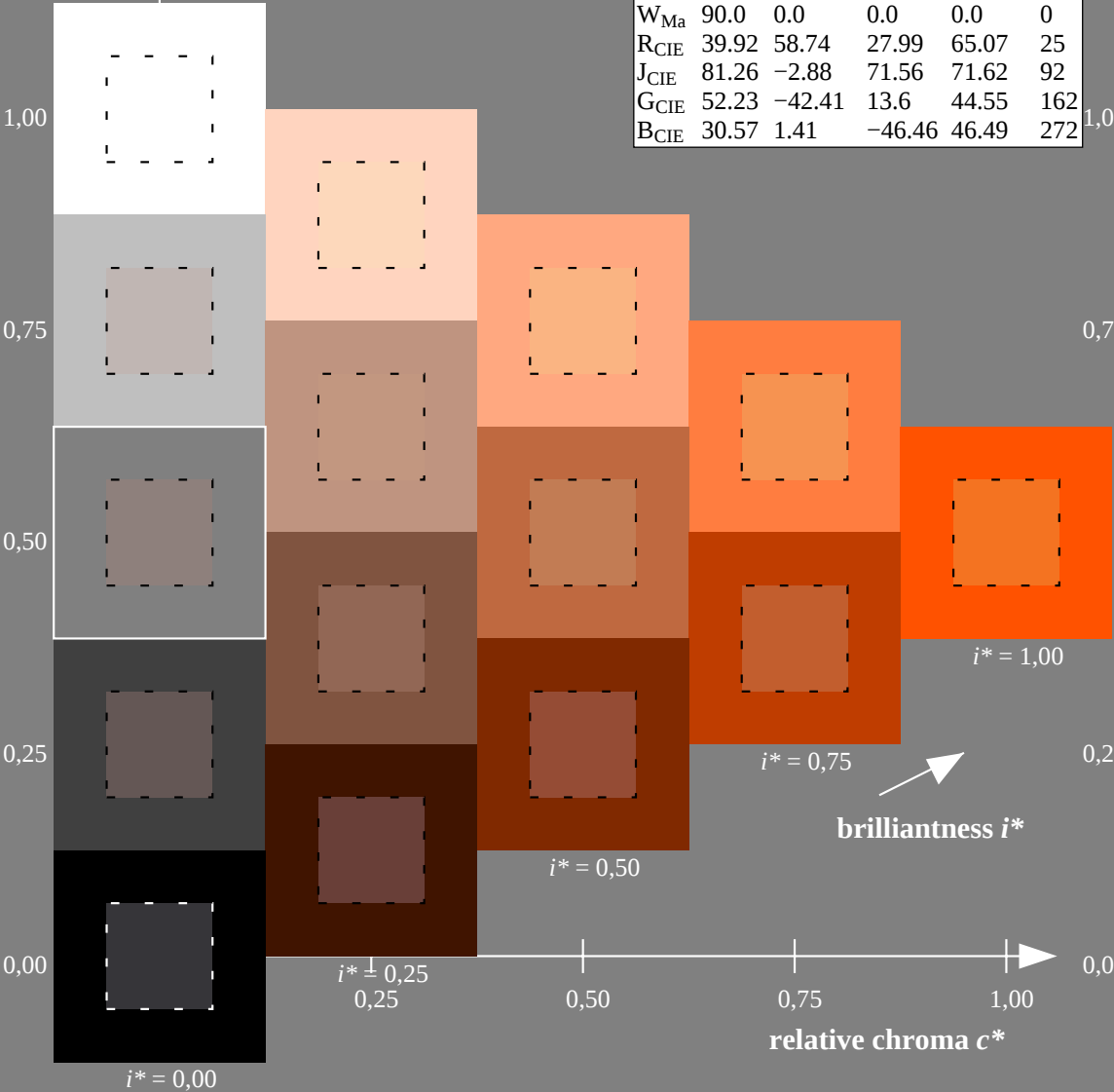
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 51 35 58
 $LAB^*LCH^*_{Ma}$: 51 68 59
 $lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.32 0.0

triangle lightness t^*

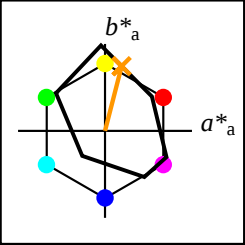
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r75j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

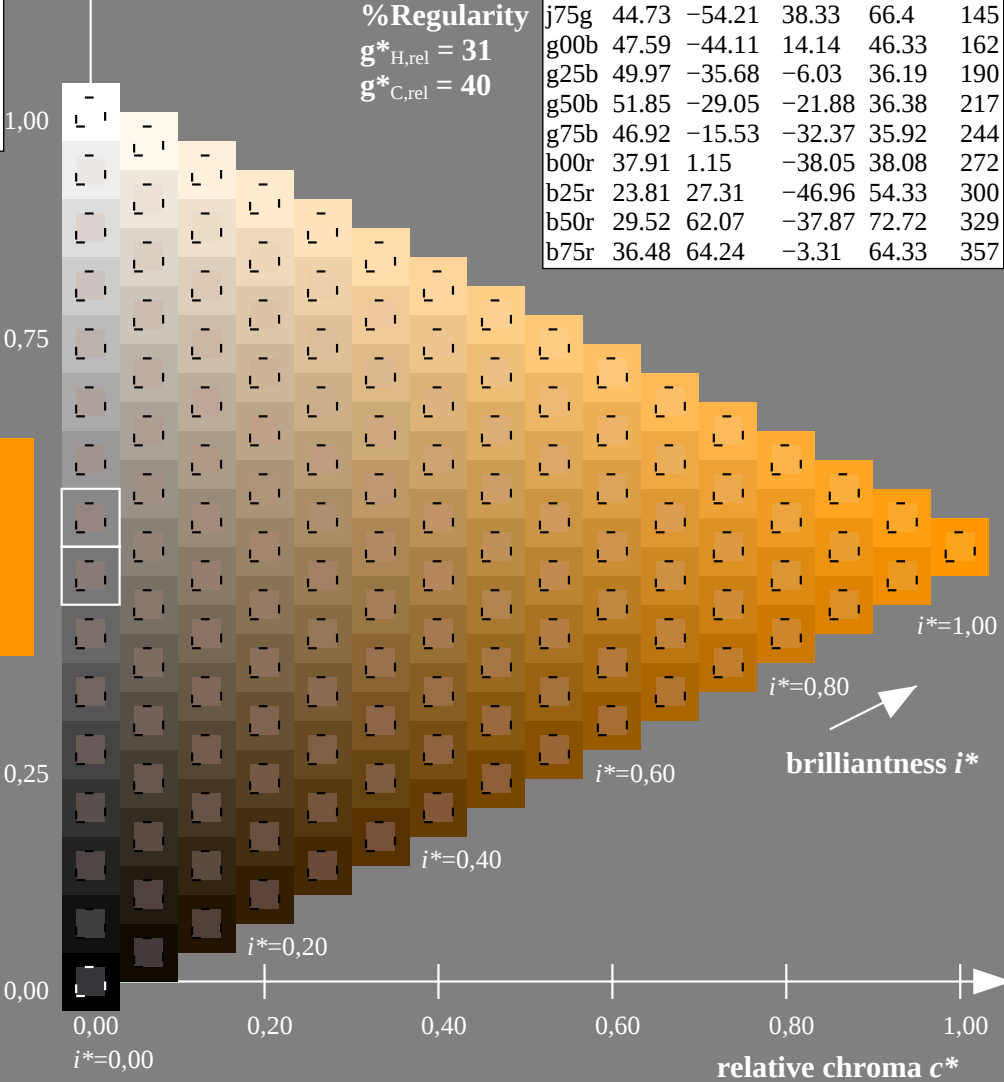
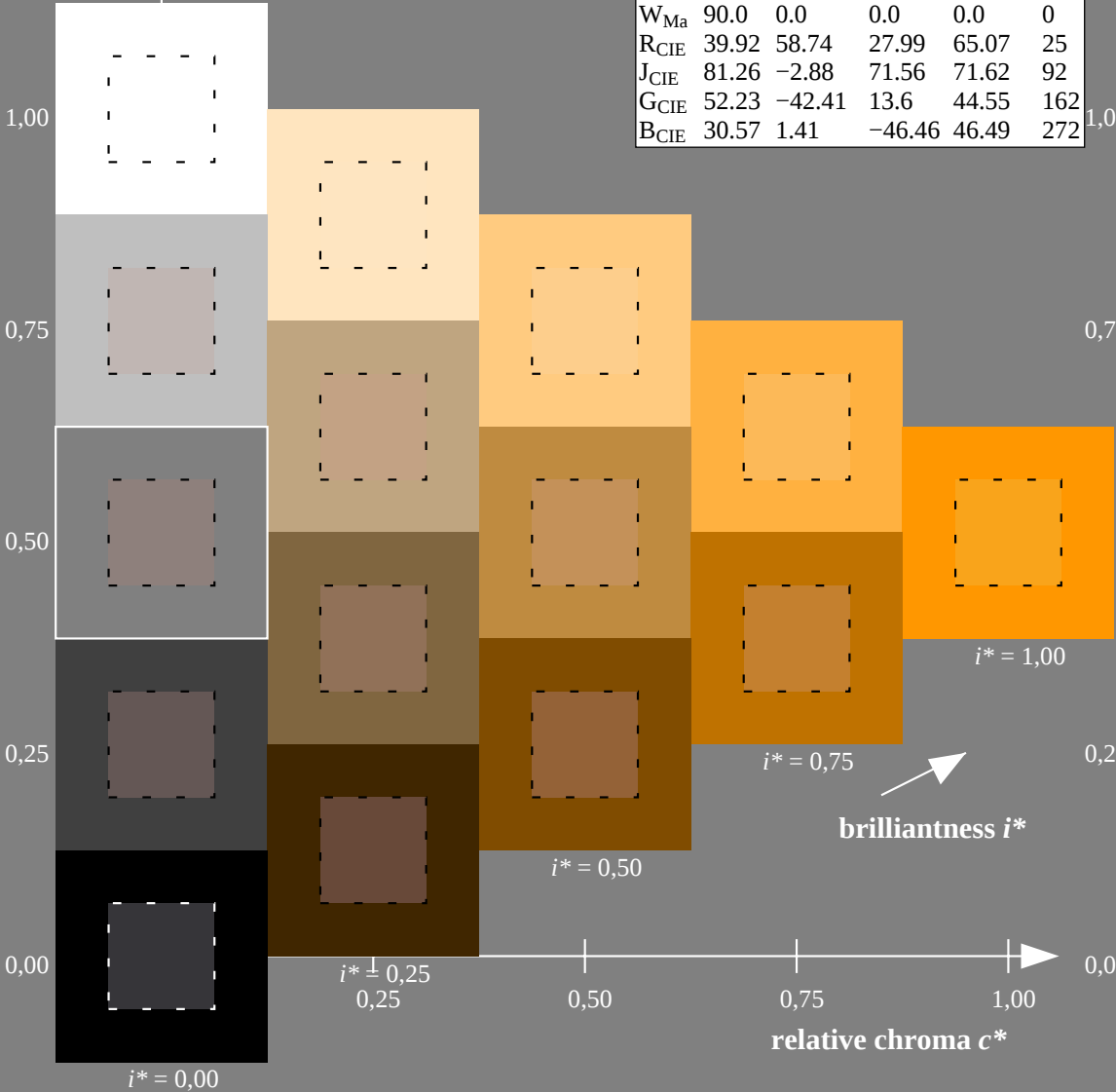
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

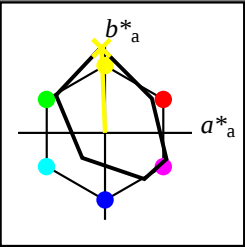
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:

$u^* = j00g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



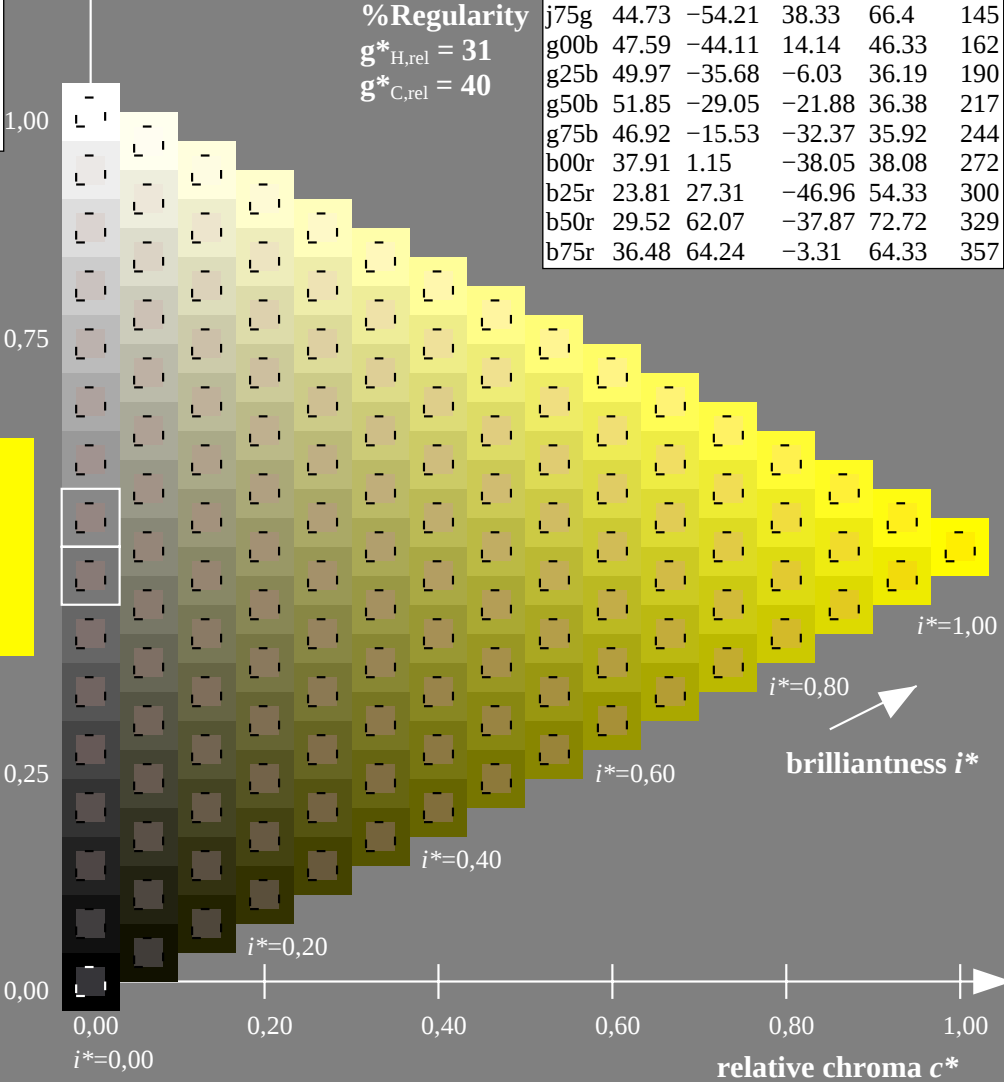
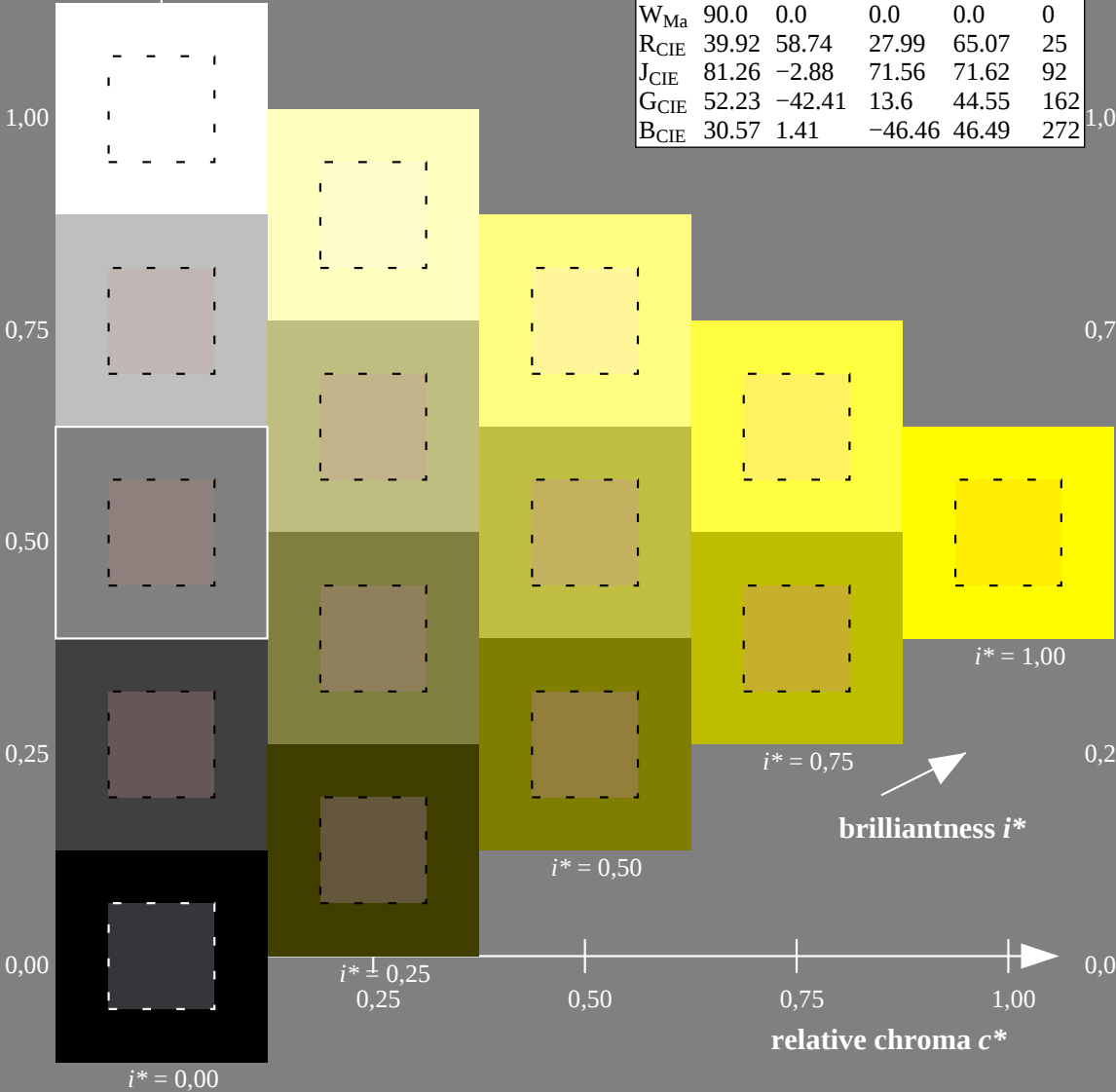
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

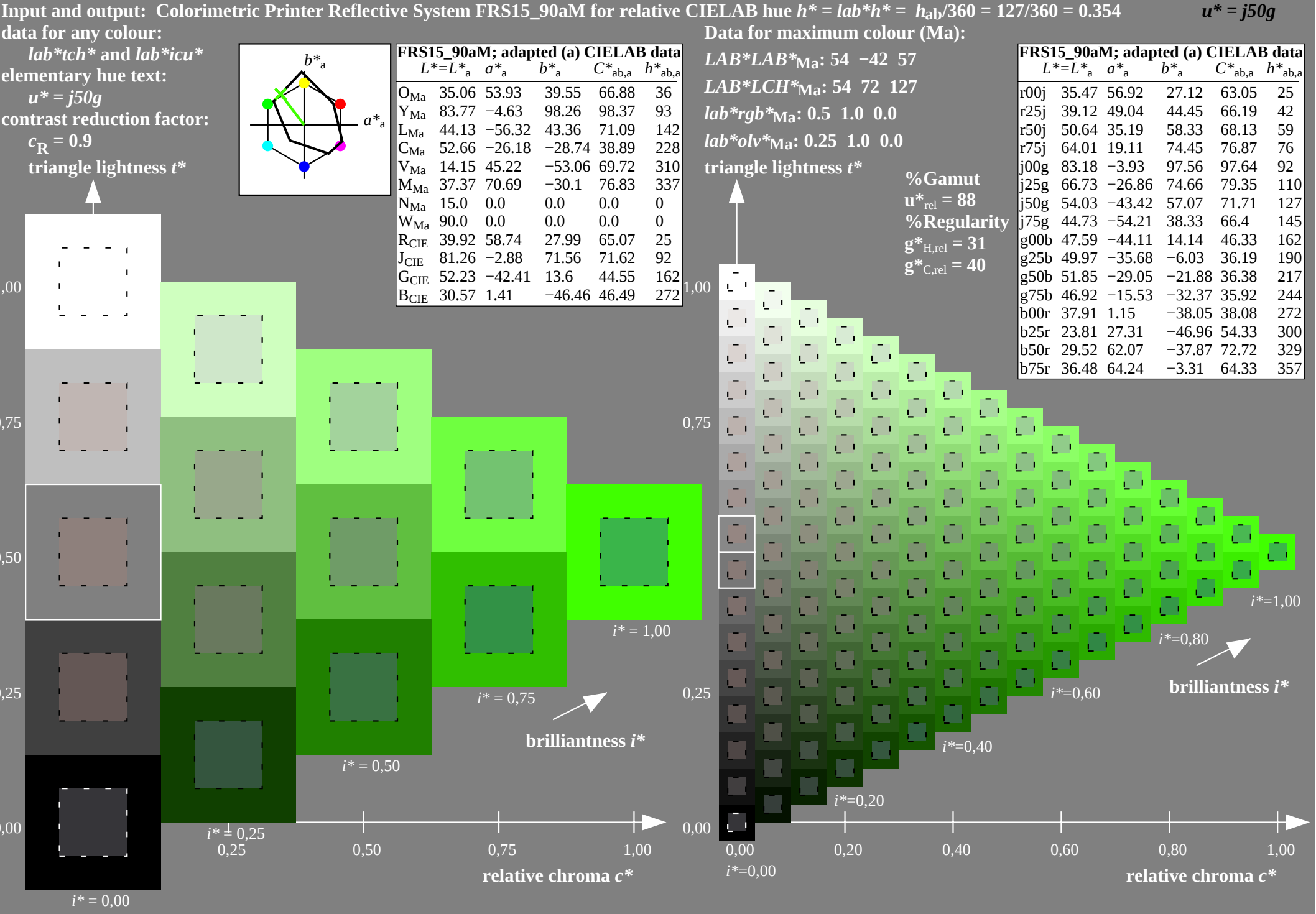
Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

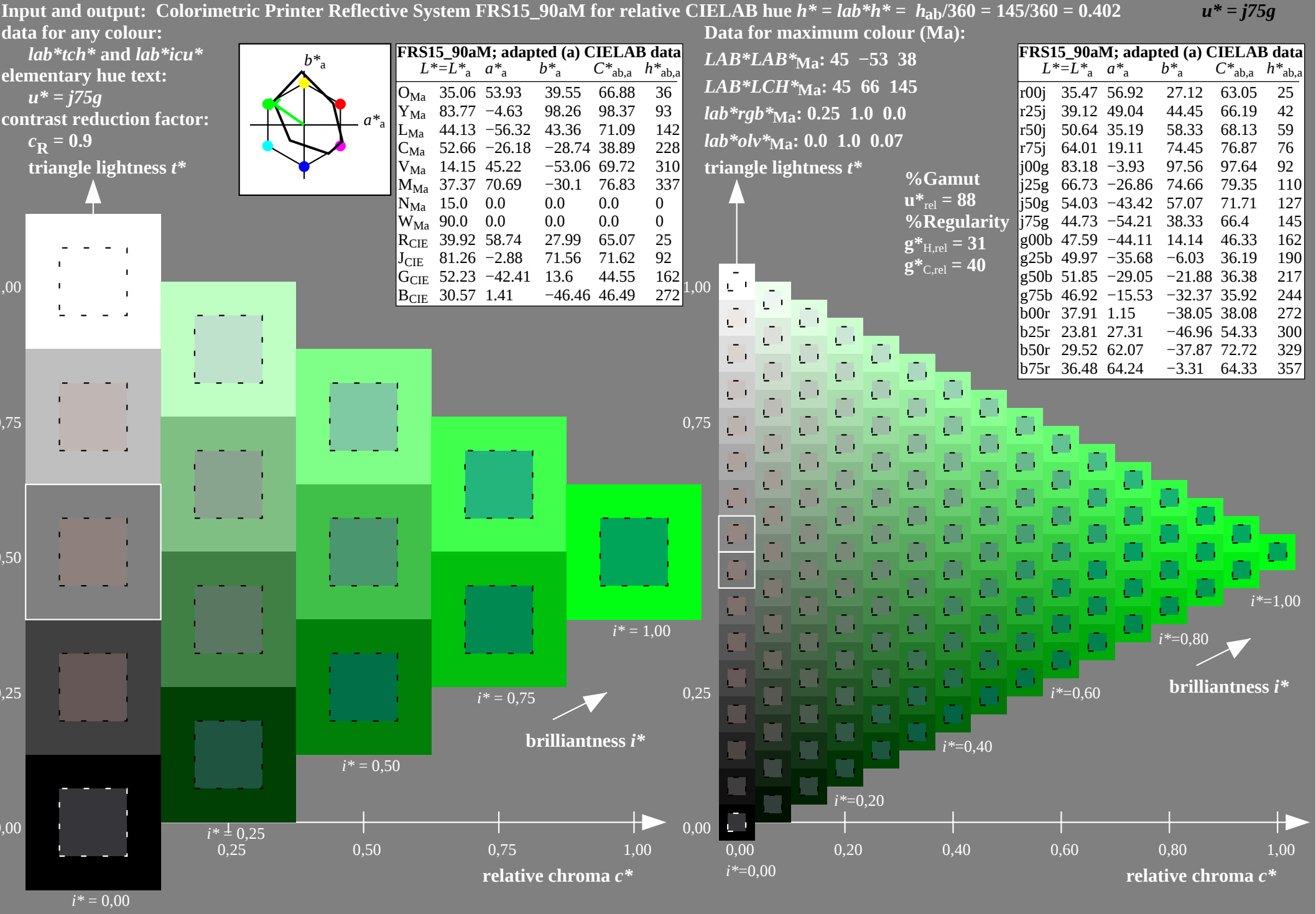
triangle lightness t^*

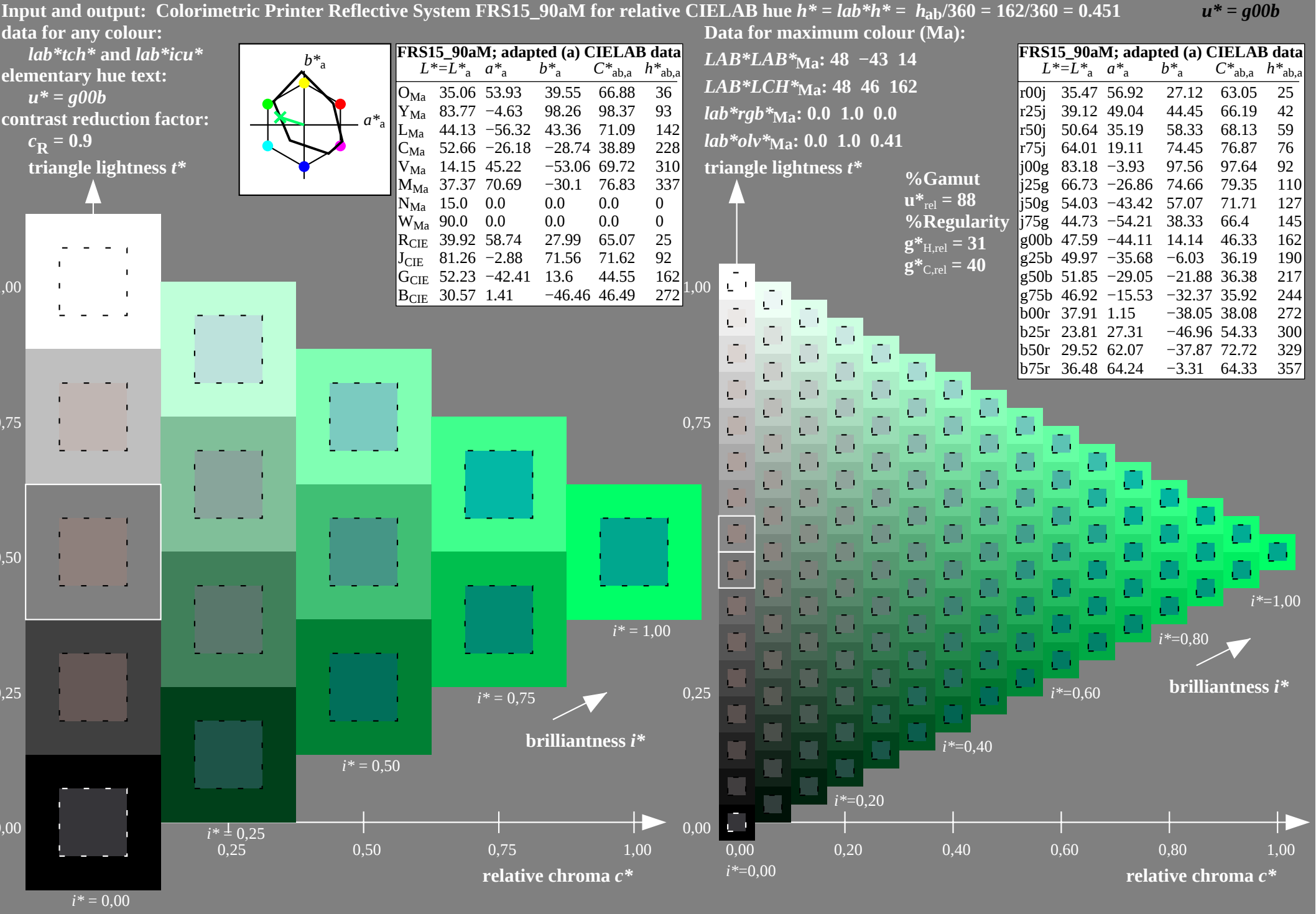
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

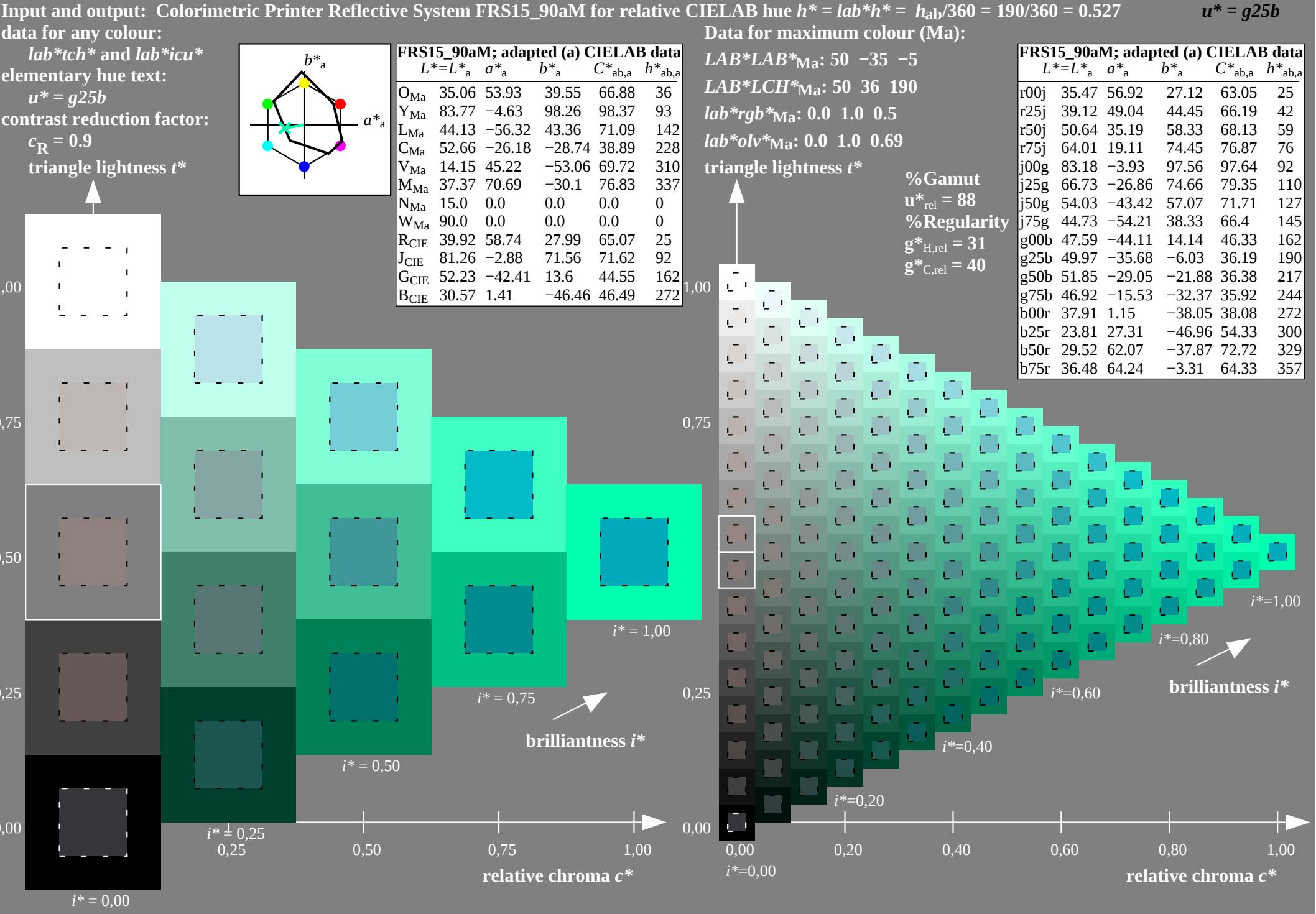
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

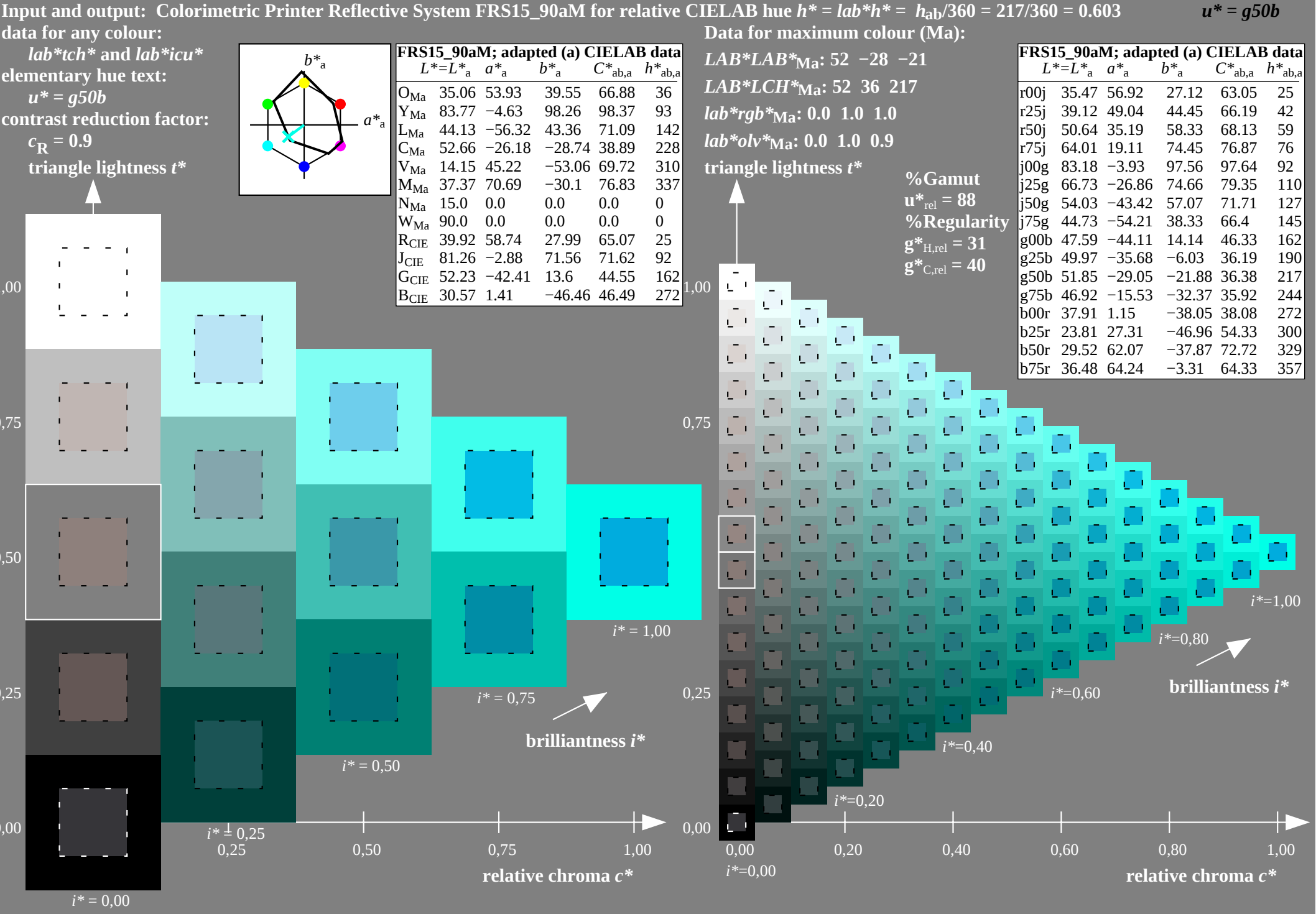


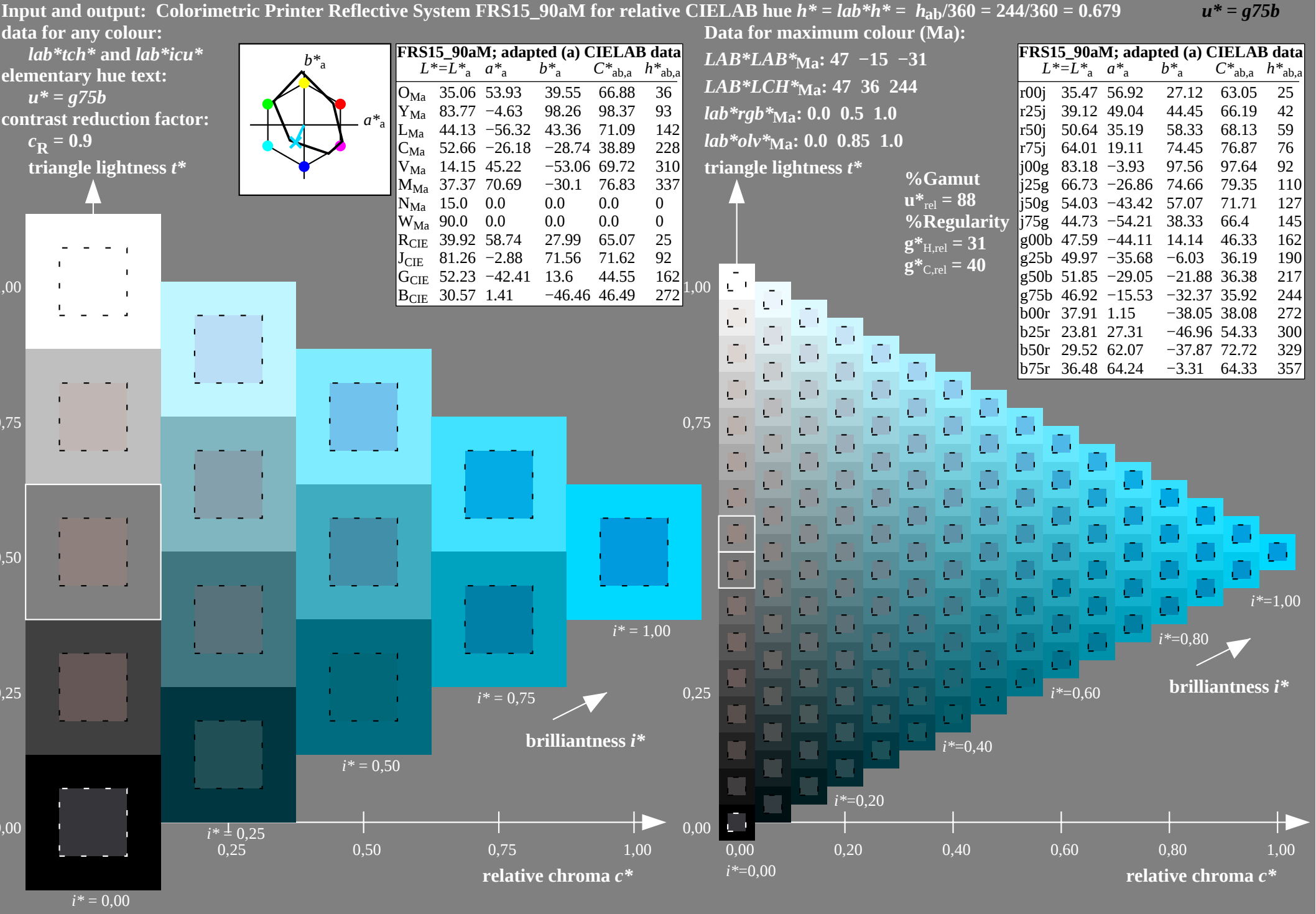


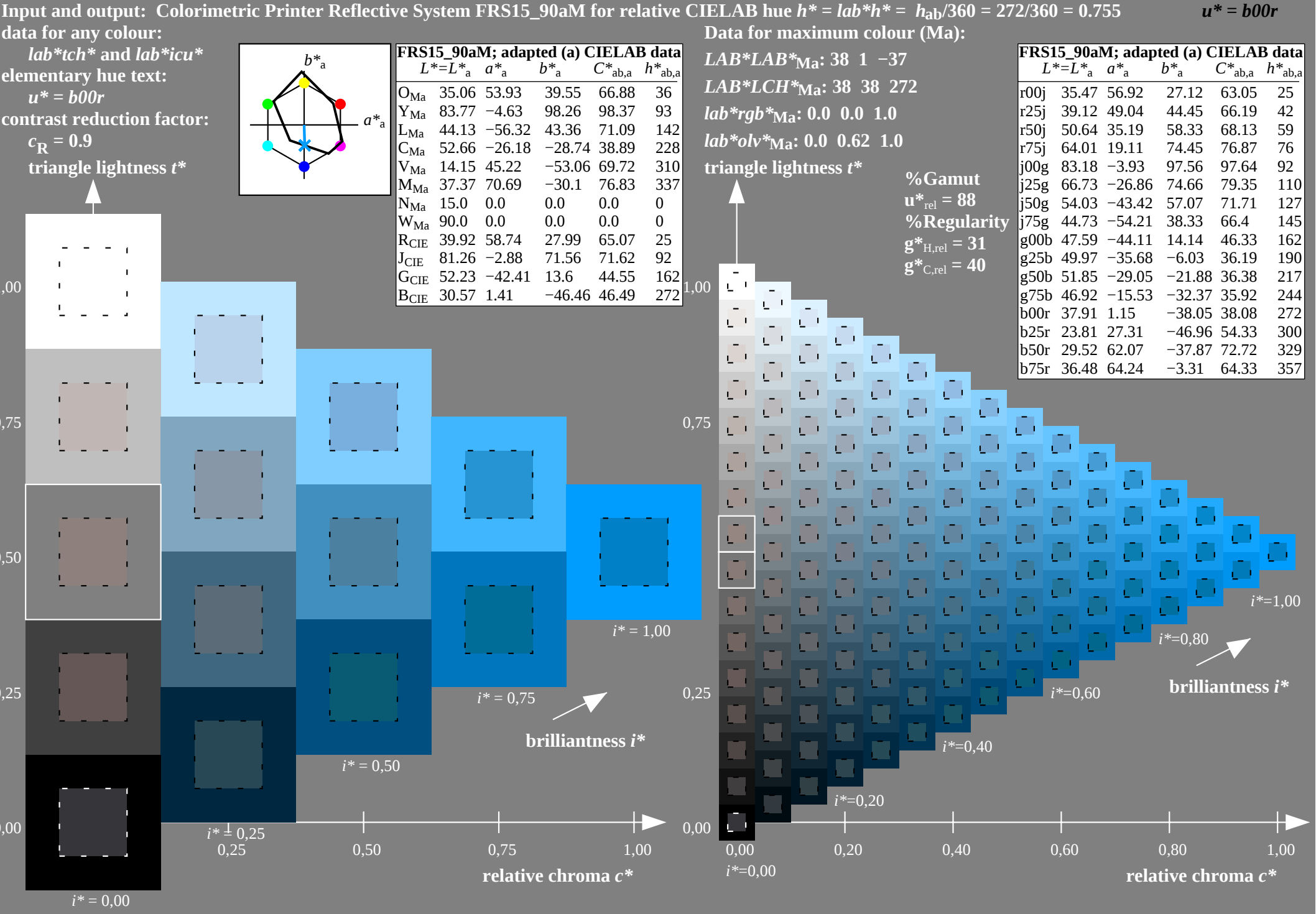


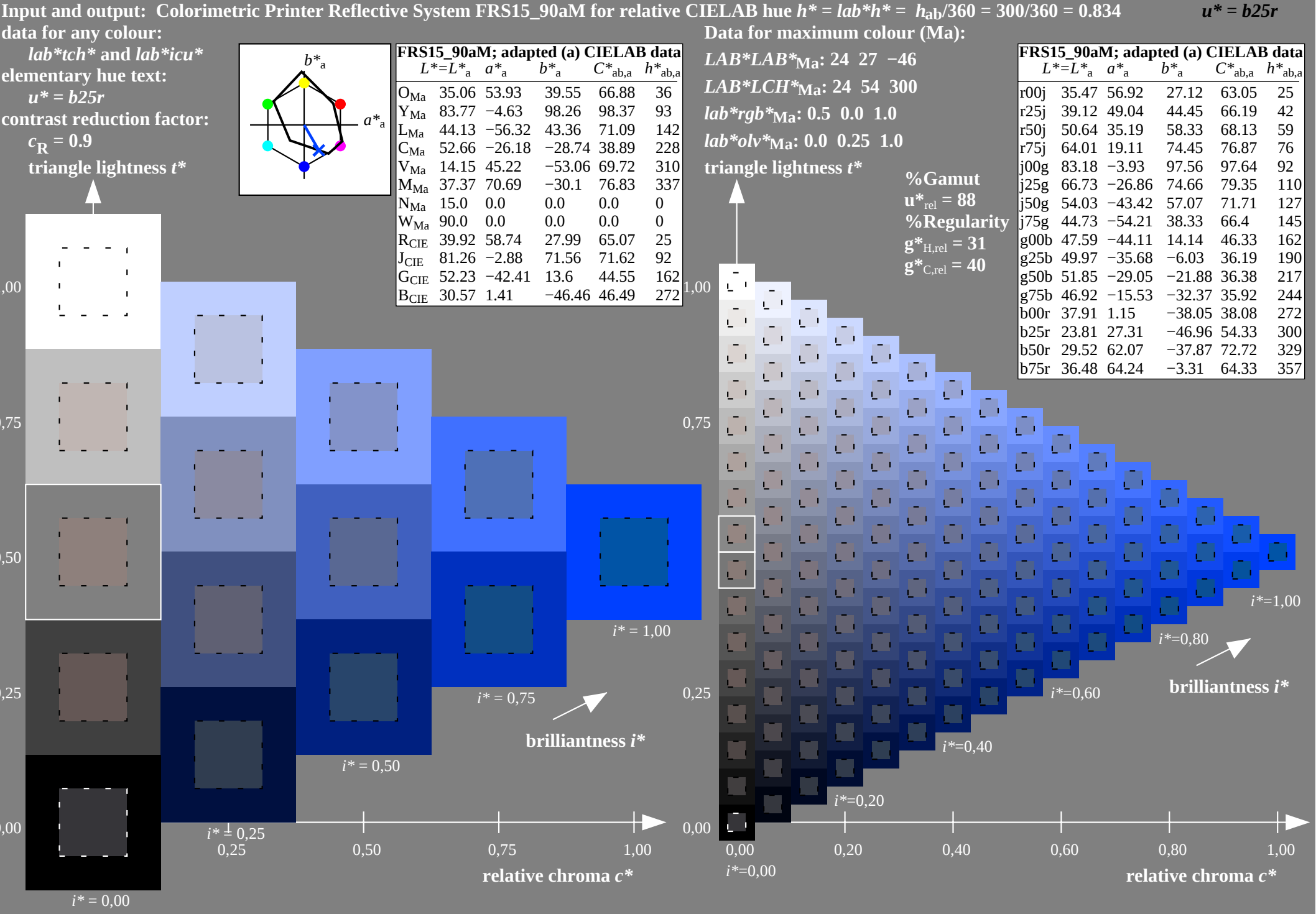


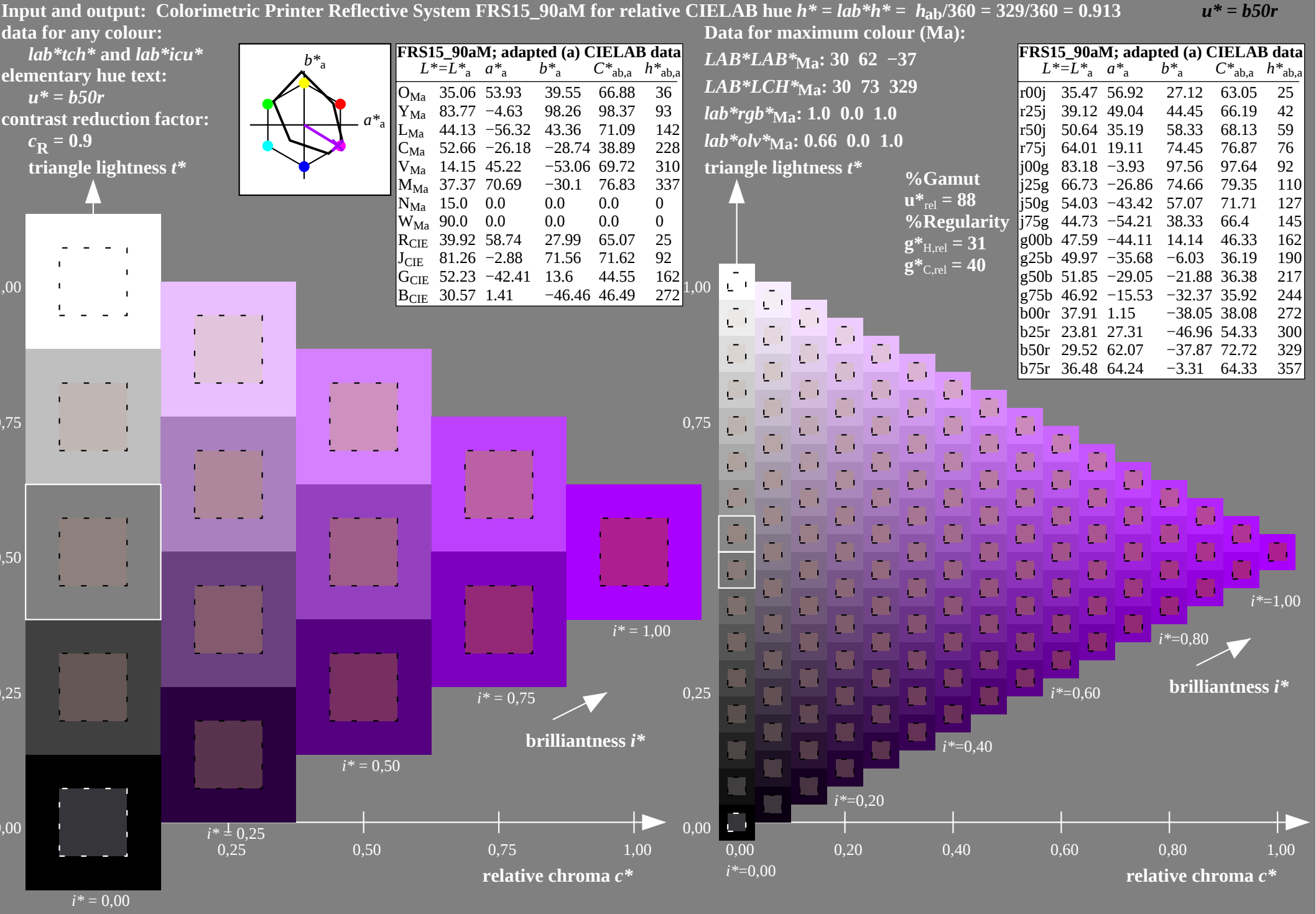


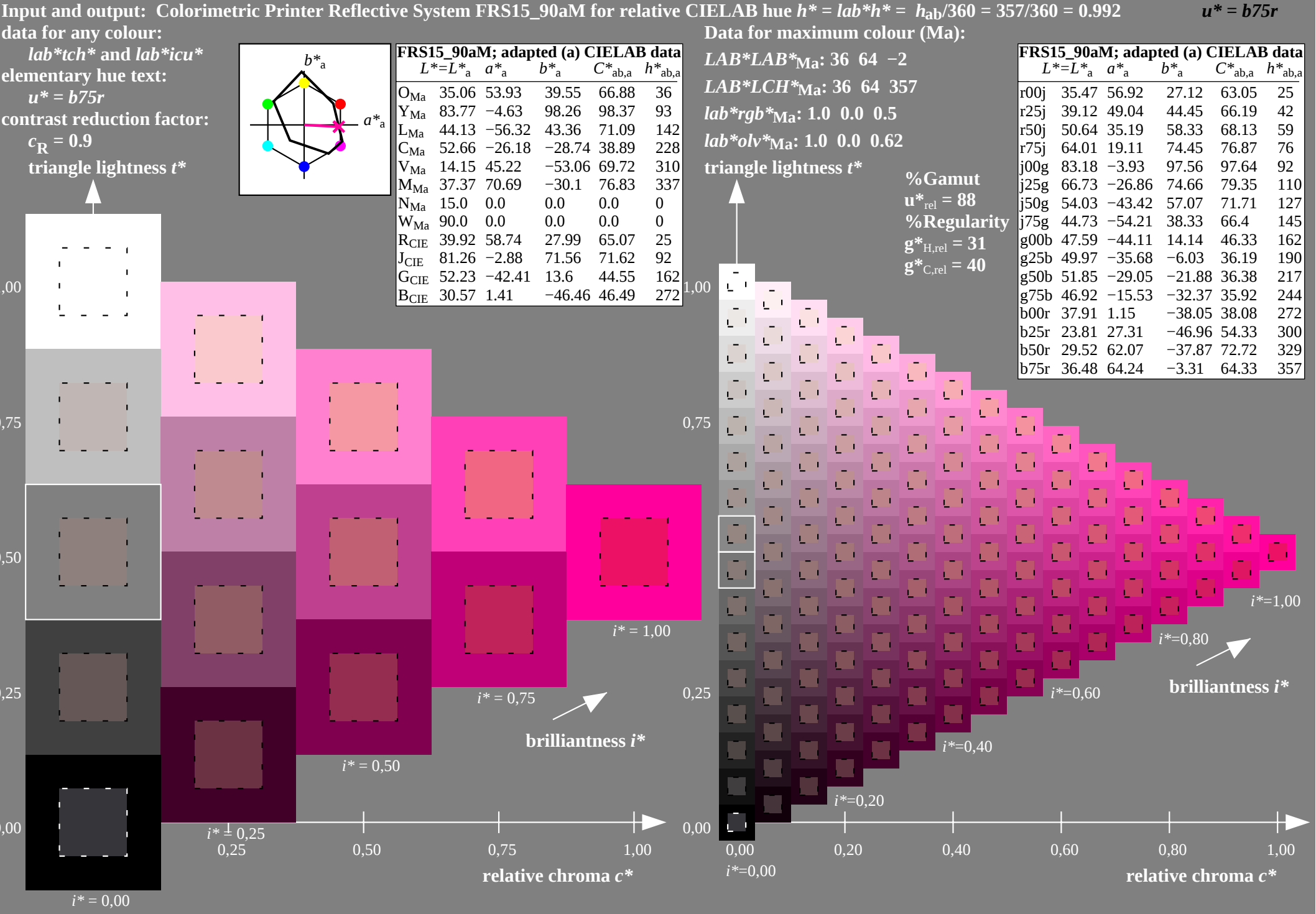








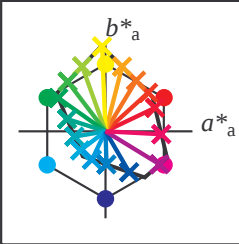




	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k				
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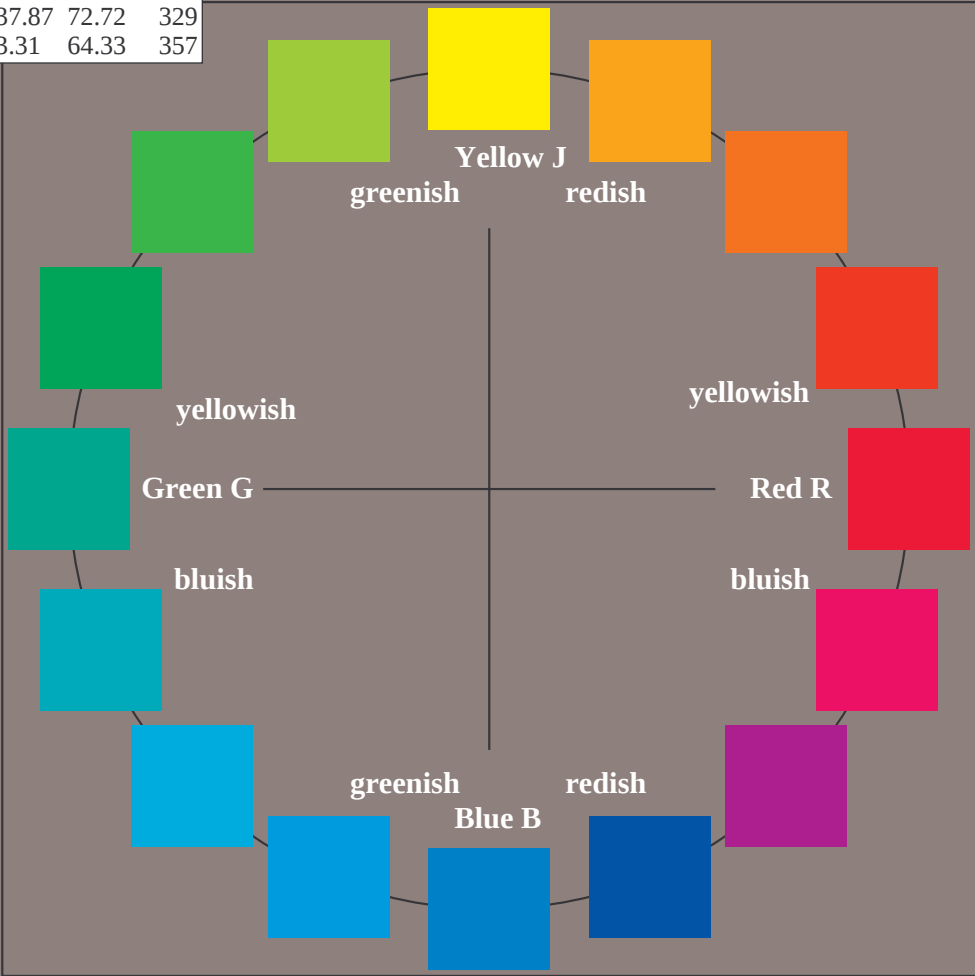
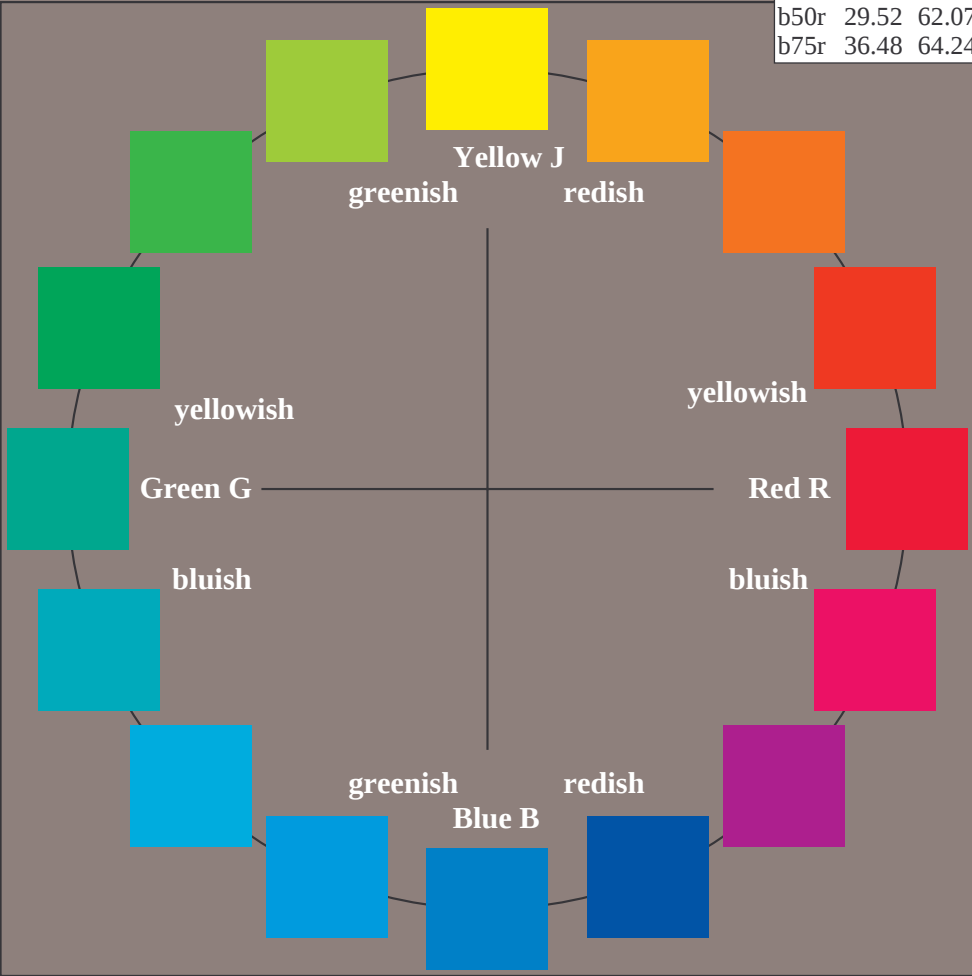
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
lab**tch** and lab**icu**
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
c_R = 0.9

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



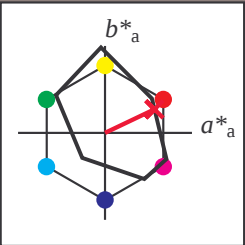
% Gamut
u*_{rel} = 88
% Regularity
g*_{H,rel} = 31
g*_{C,rel} = 40

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r00j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

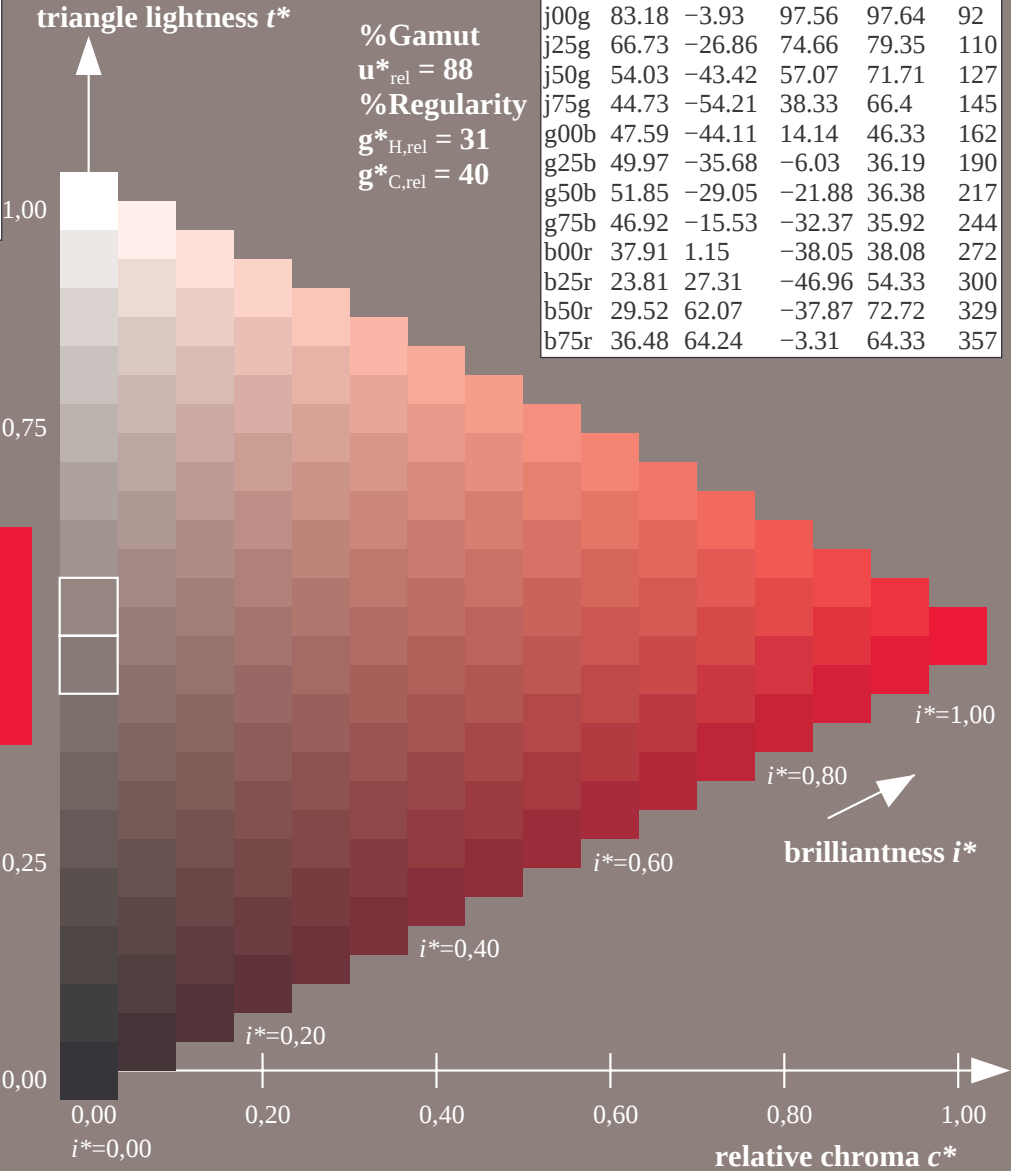
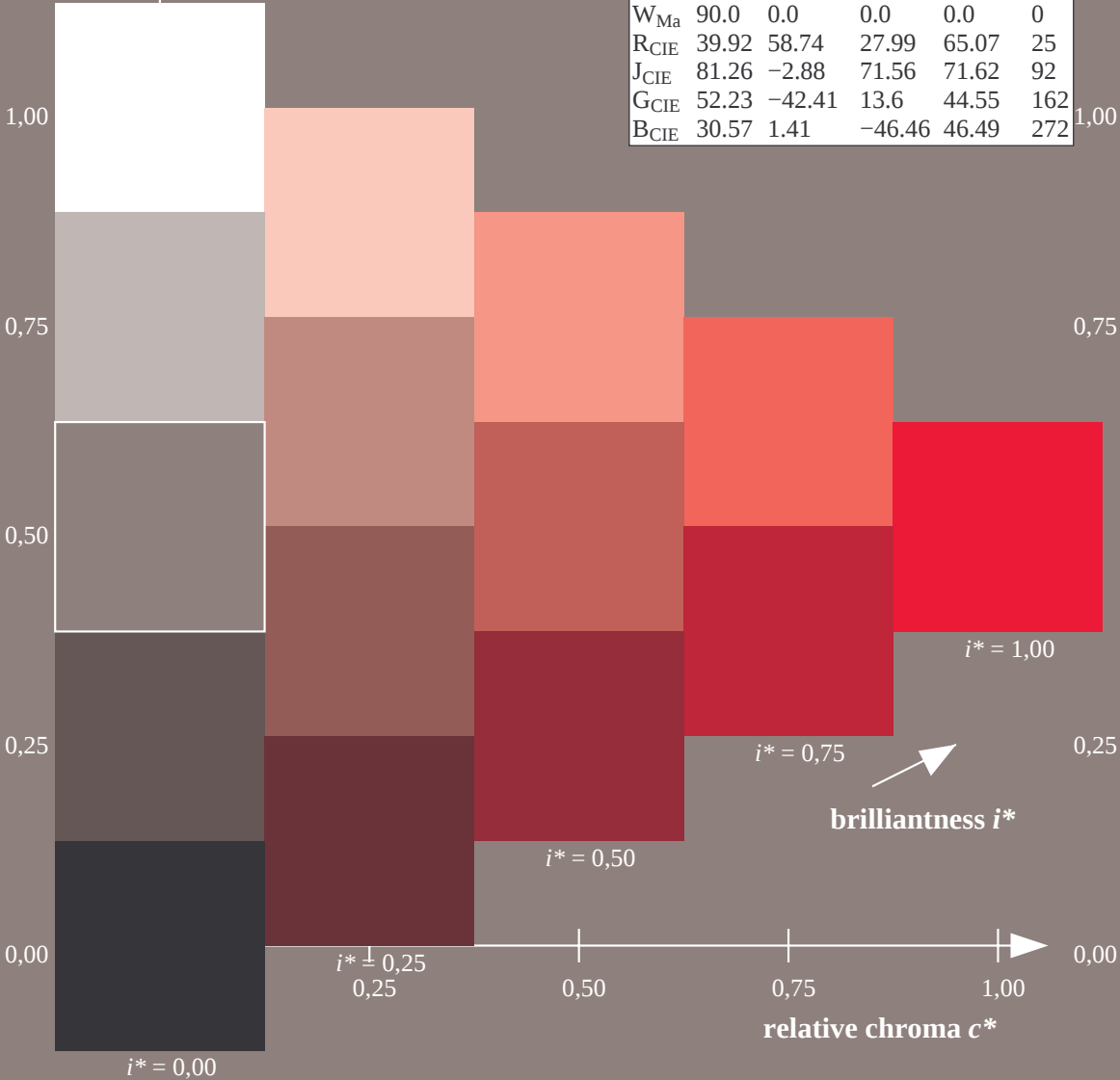


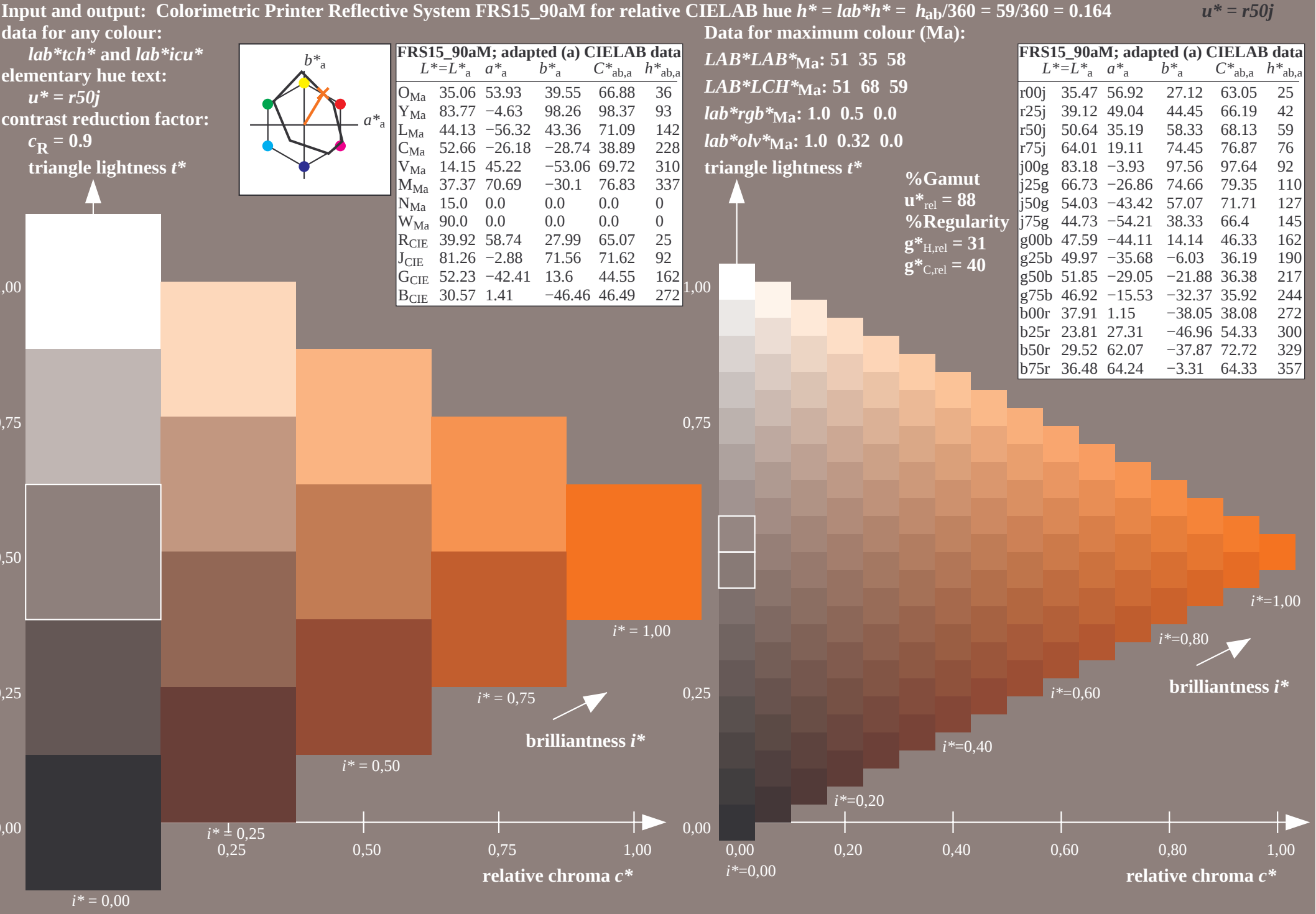
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 35\ 57\ 27$
 $LAB^*LCH^*_{Ma}: 35\ 63\ 25$
 $lab^*rgb^*_{Ma}: 1.0\ 0.0\ 0.0$
 $lab^*olv^*_{Ma}: 1.0\ 0.0\ 0.18$

$u^* = r00j$

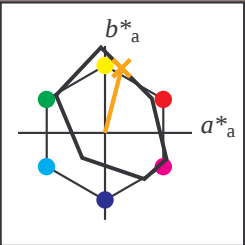
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357





Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r75j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

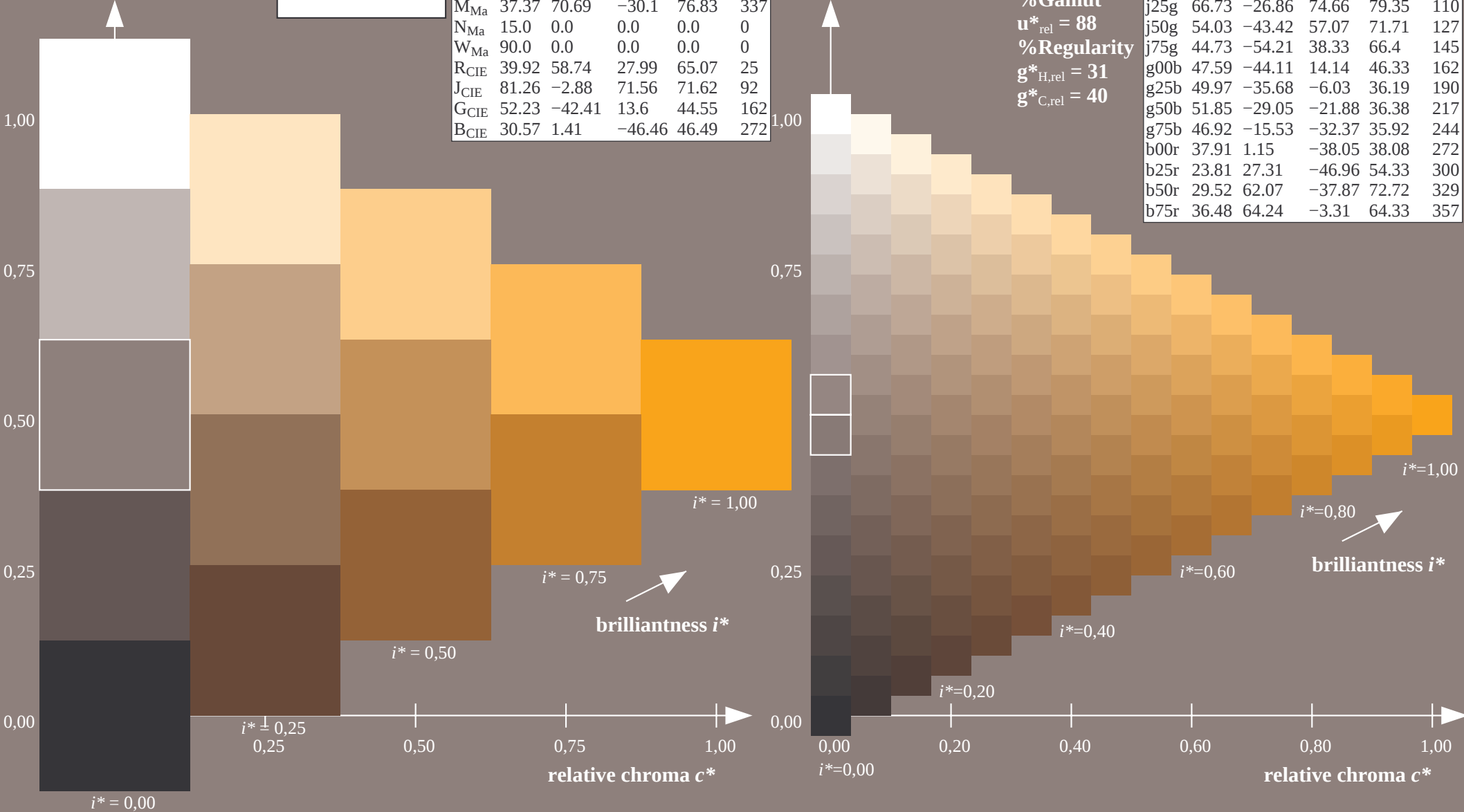


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

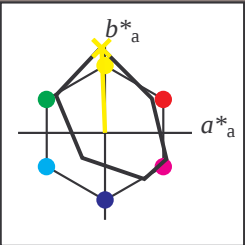
$u^* = r75j$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j00g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

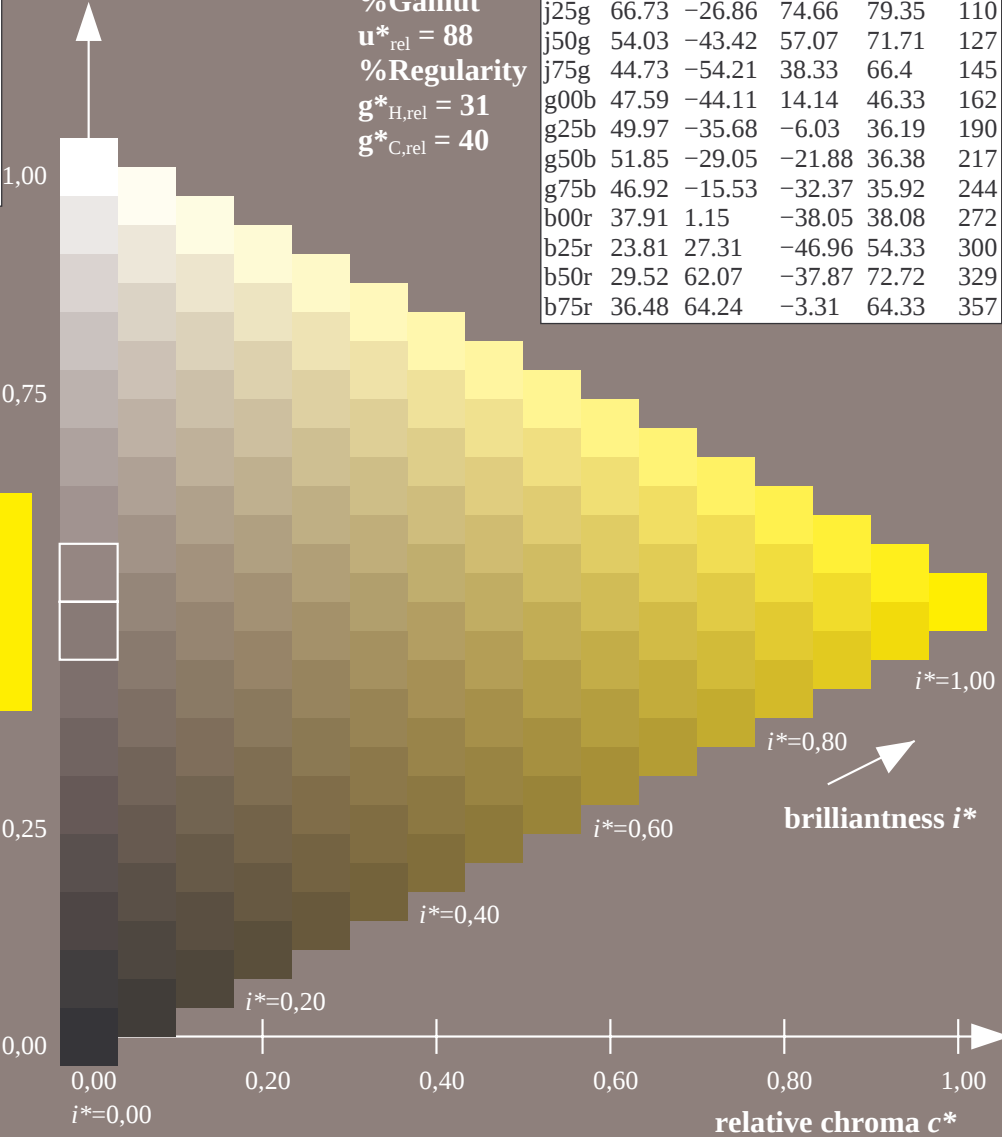
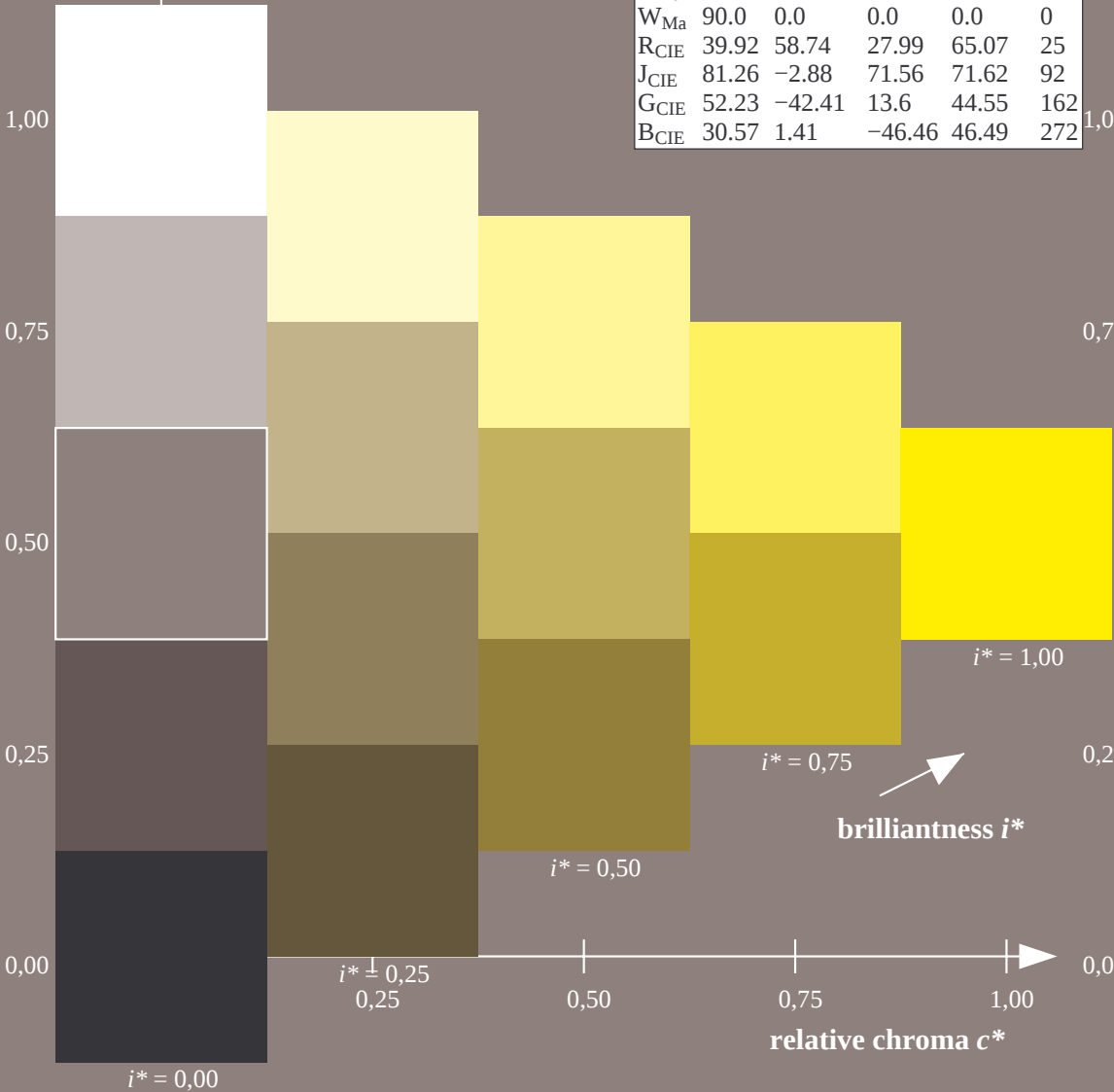
Data for maximum colour (Ma):

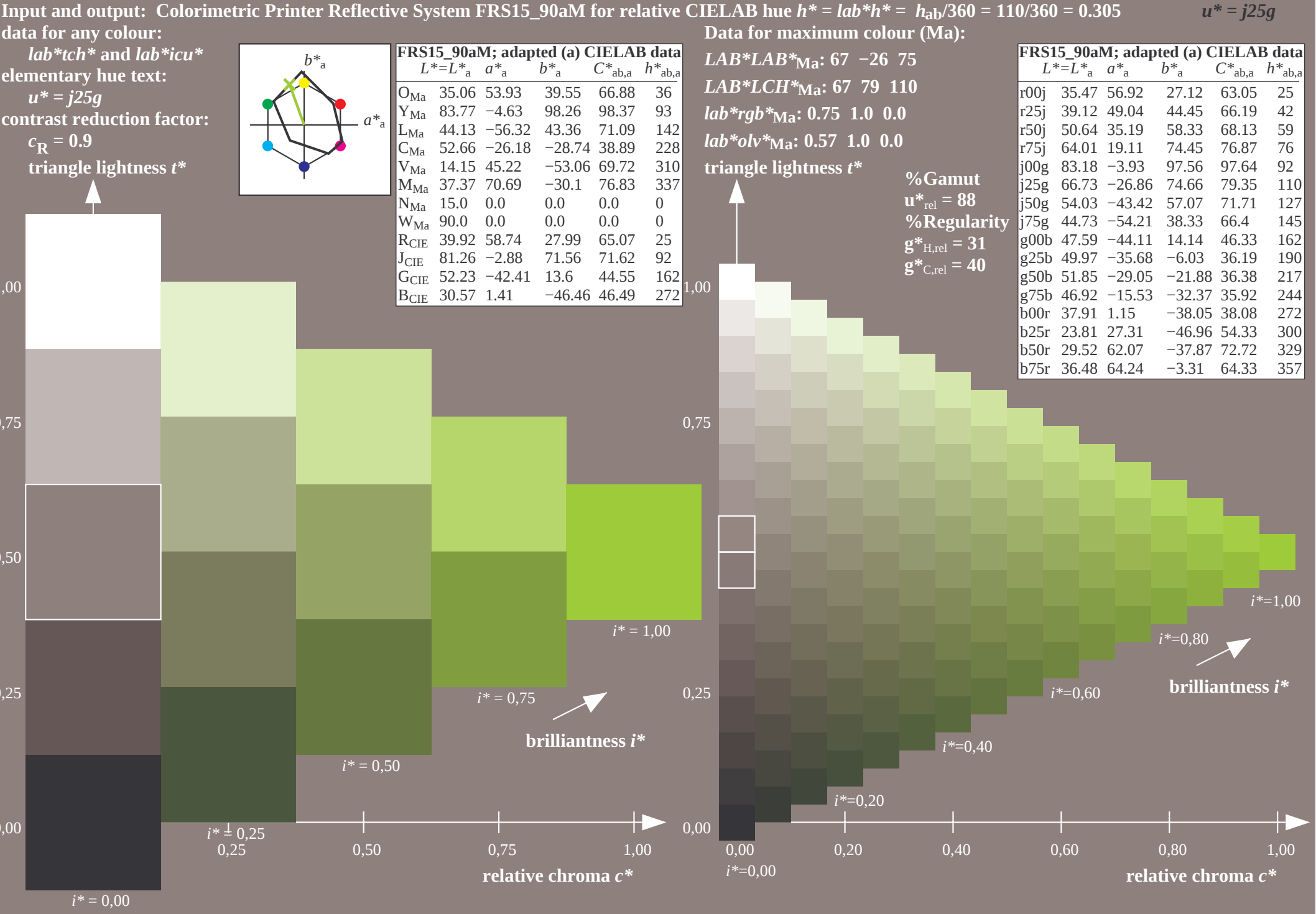
$LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

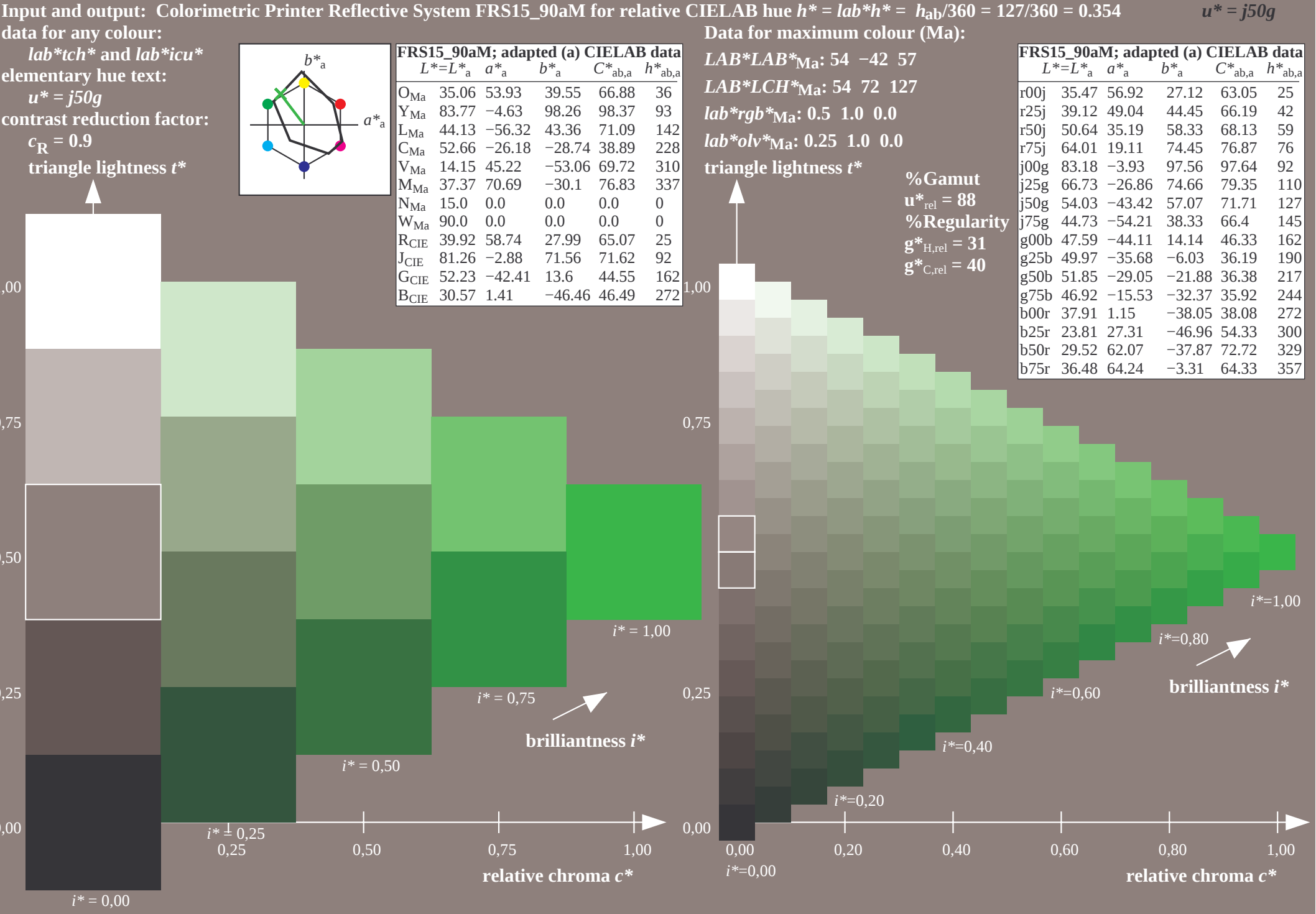
triangle lightness t^*

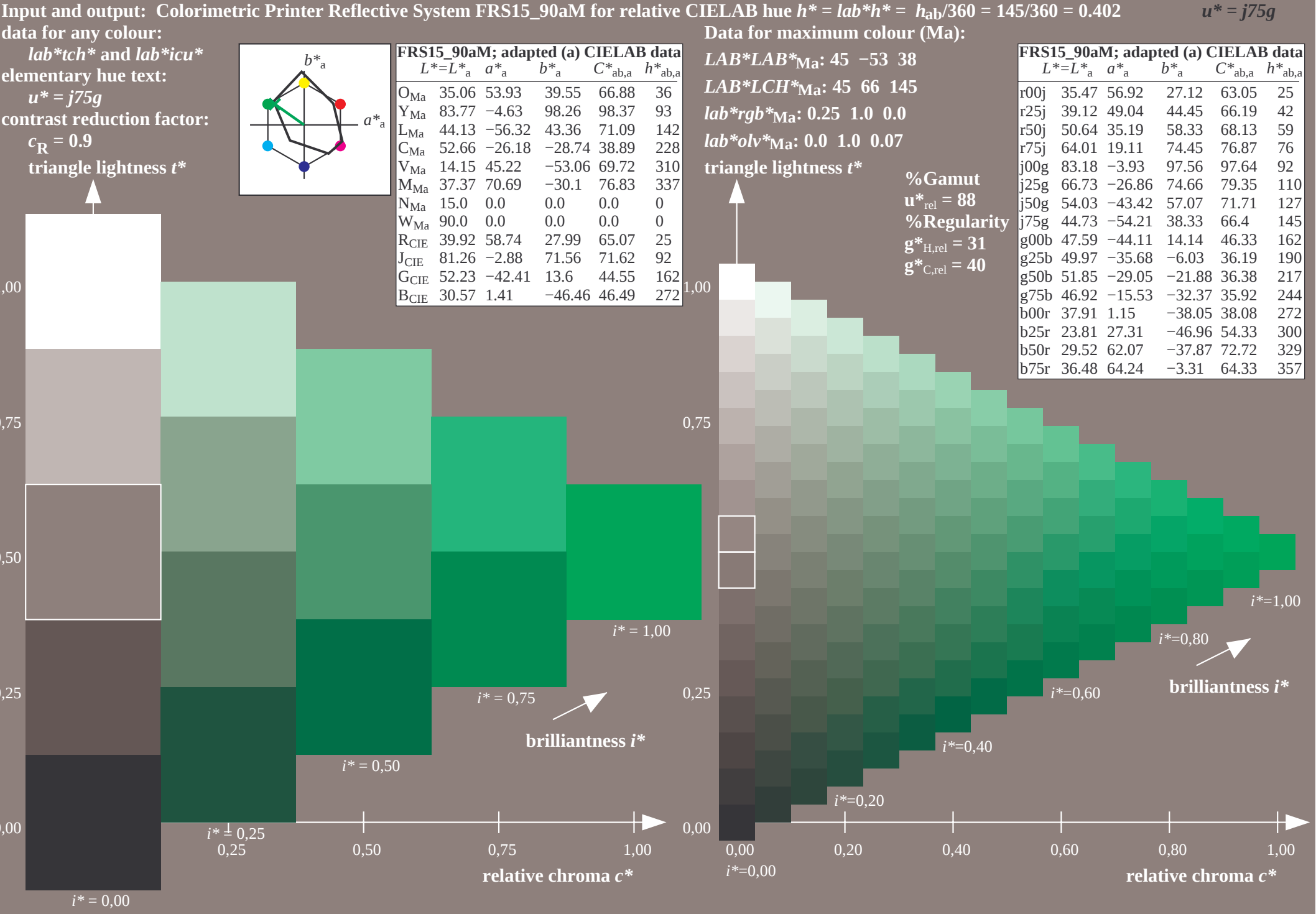
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

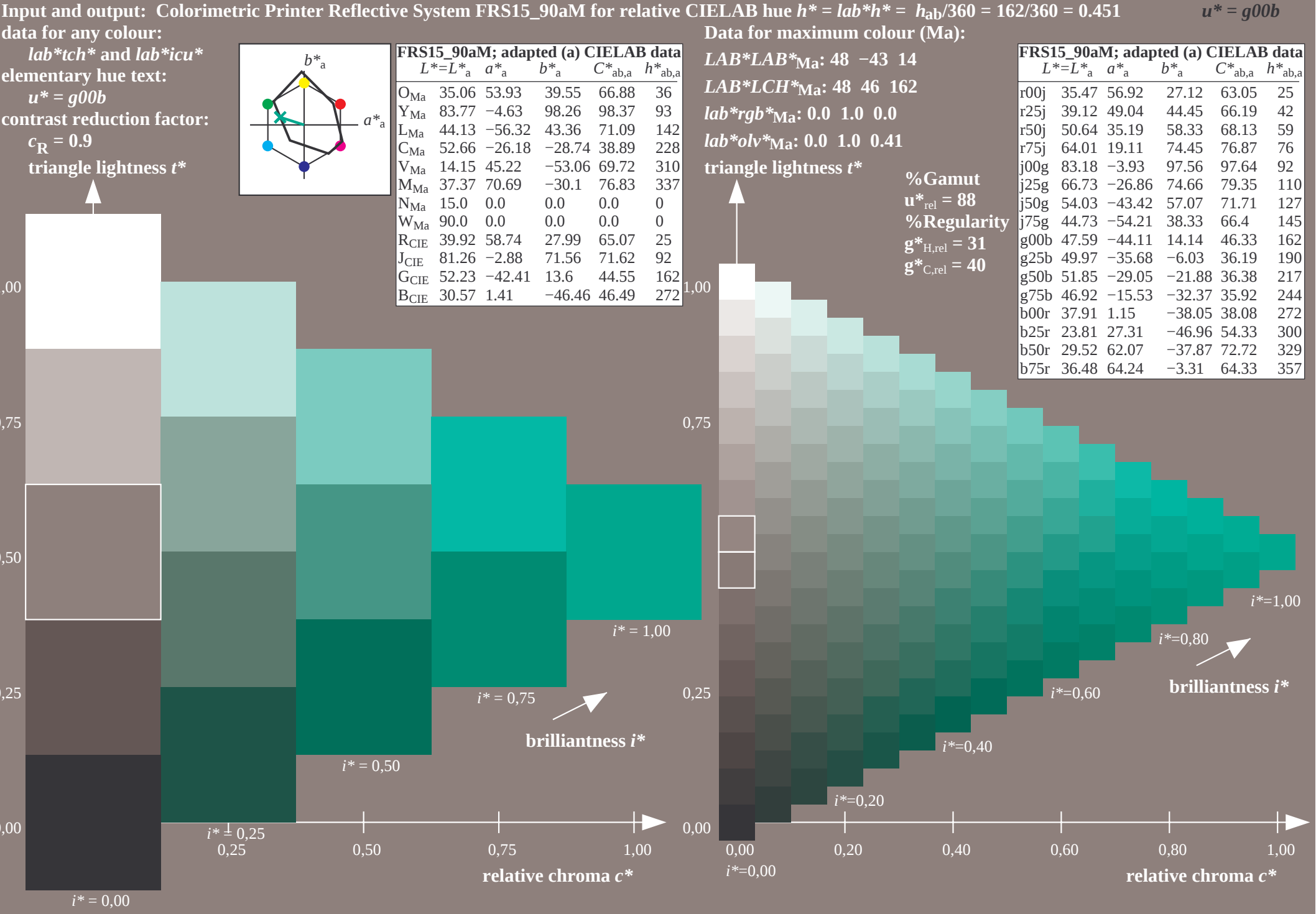
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

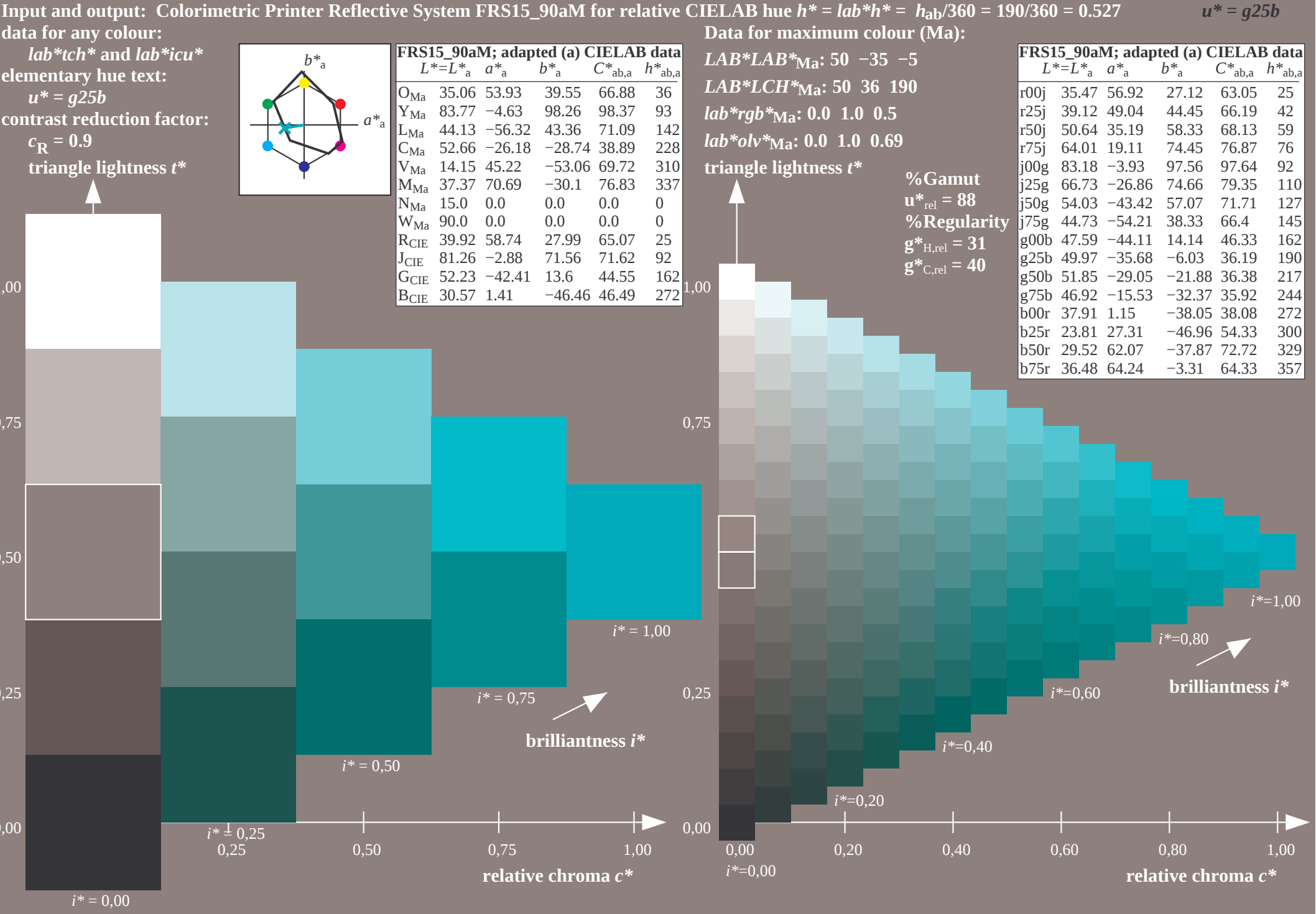


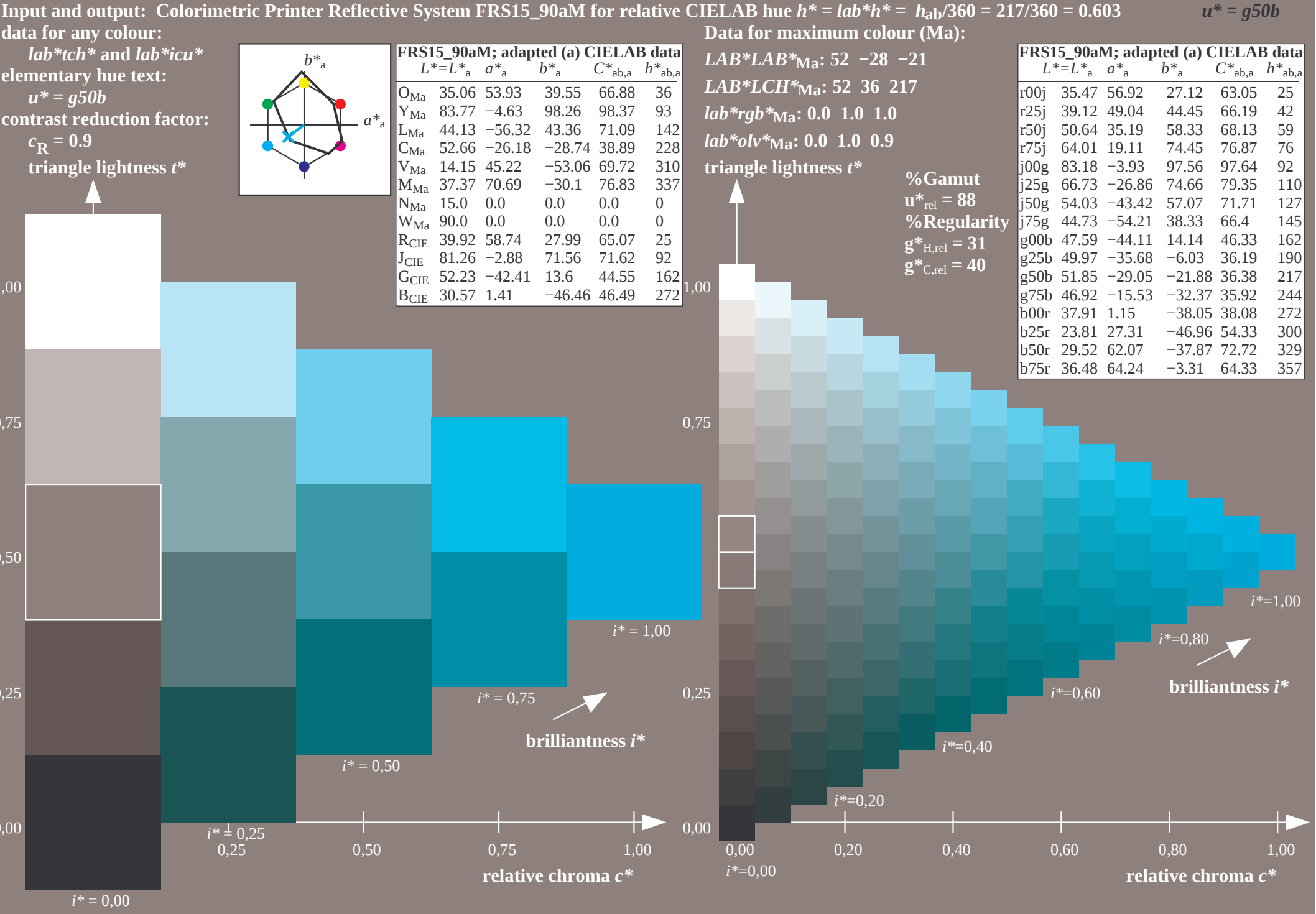


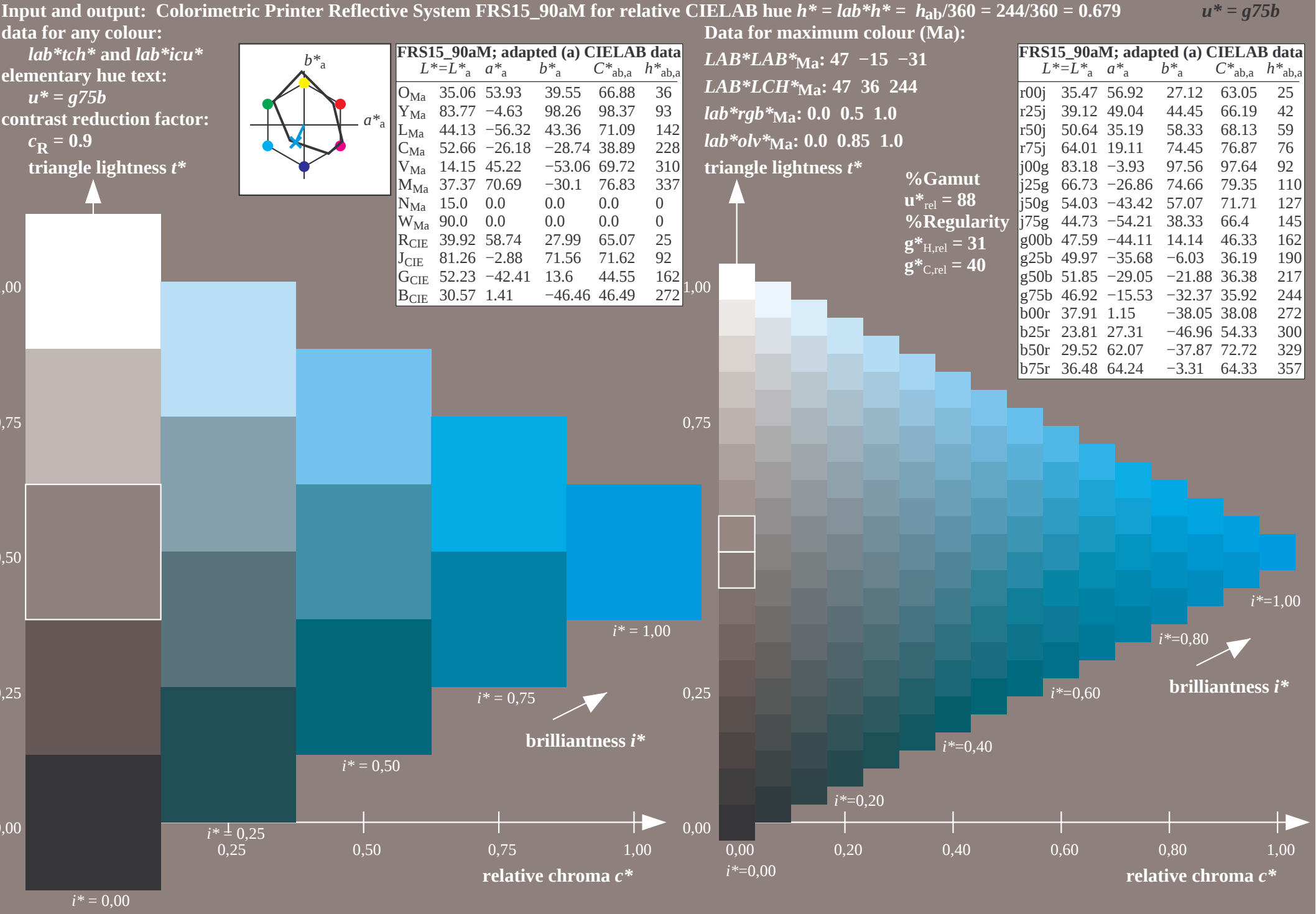


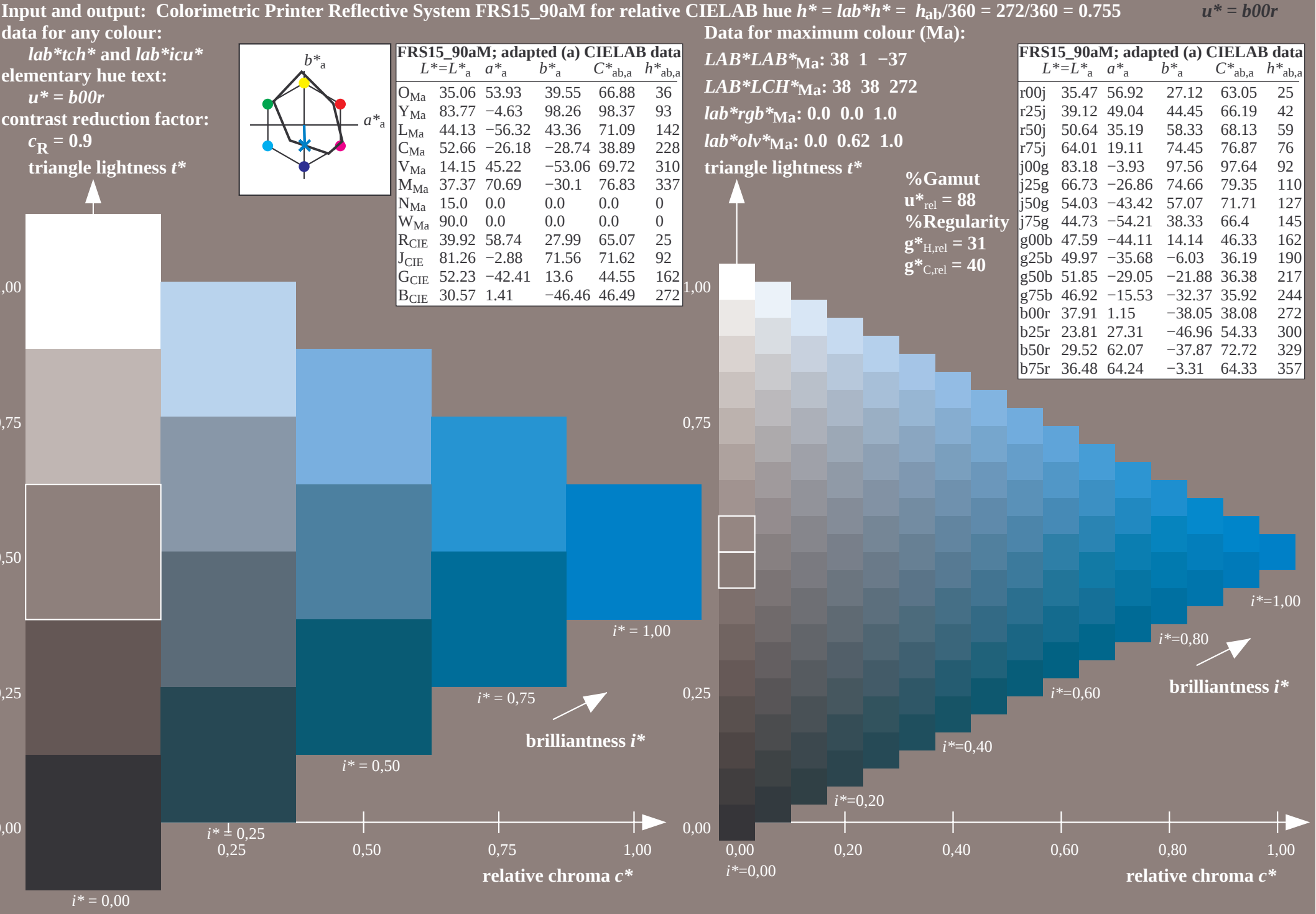


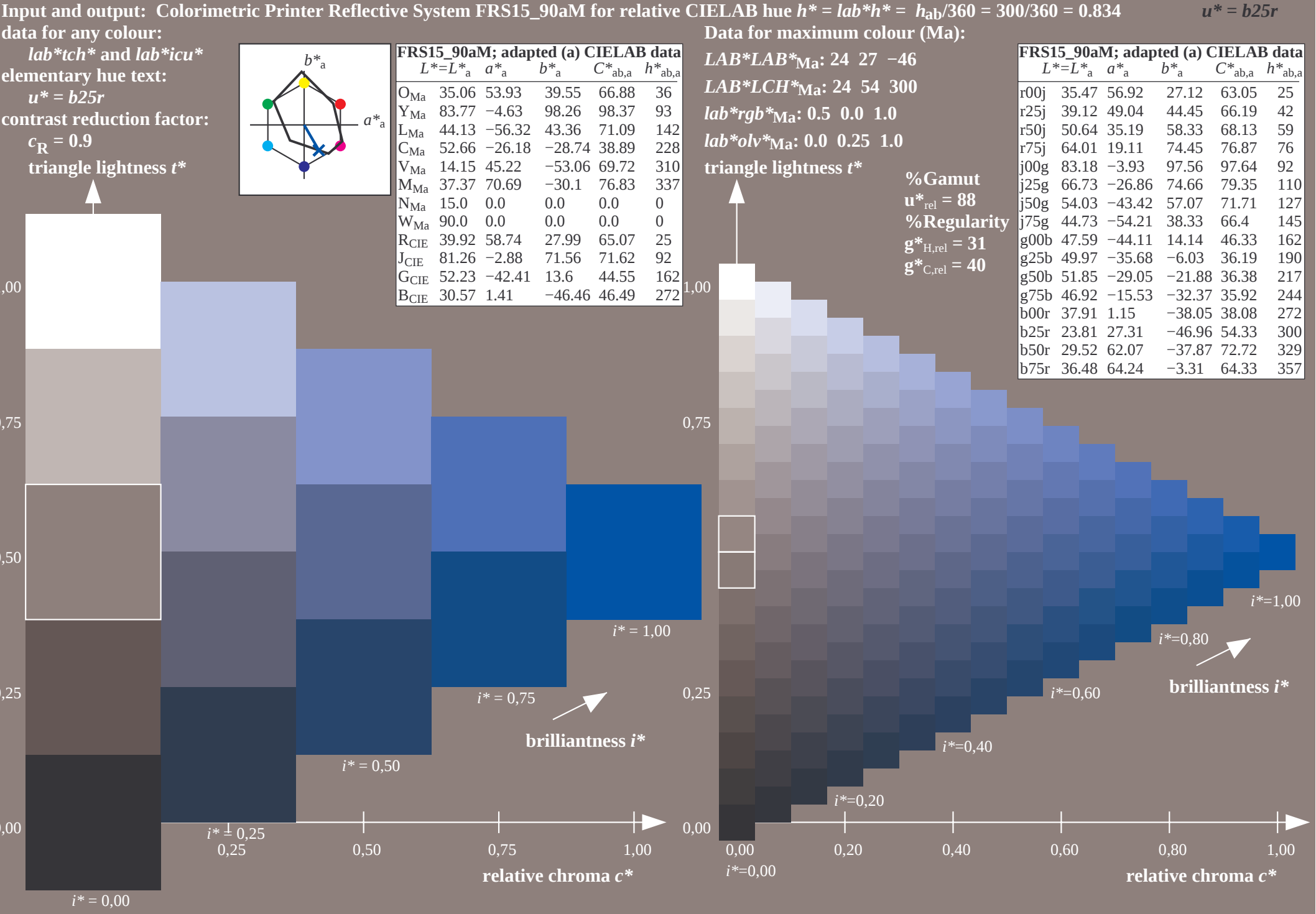


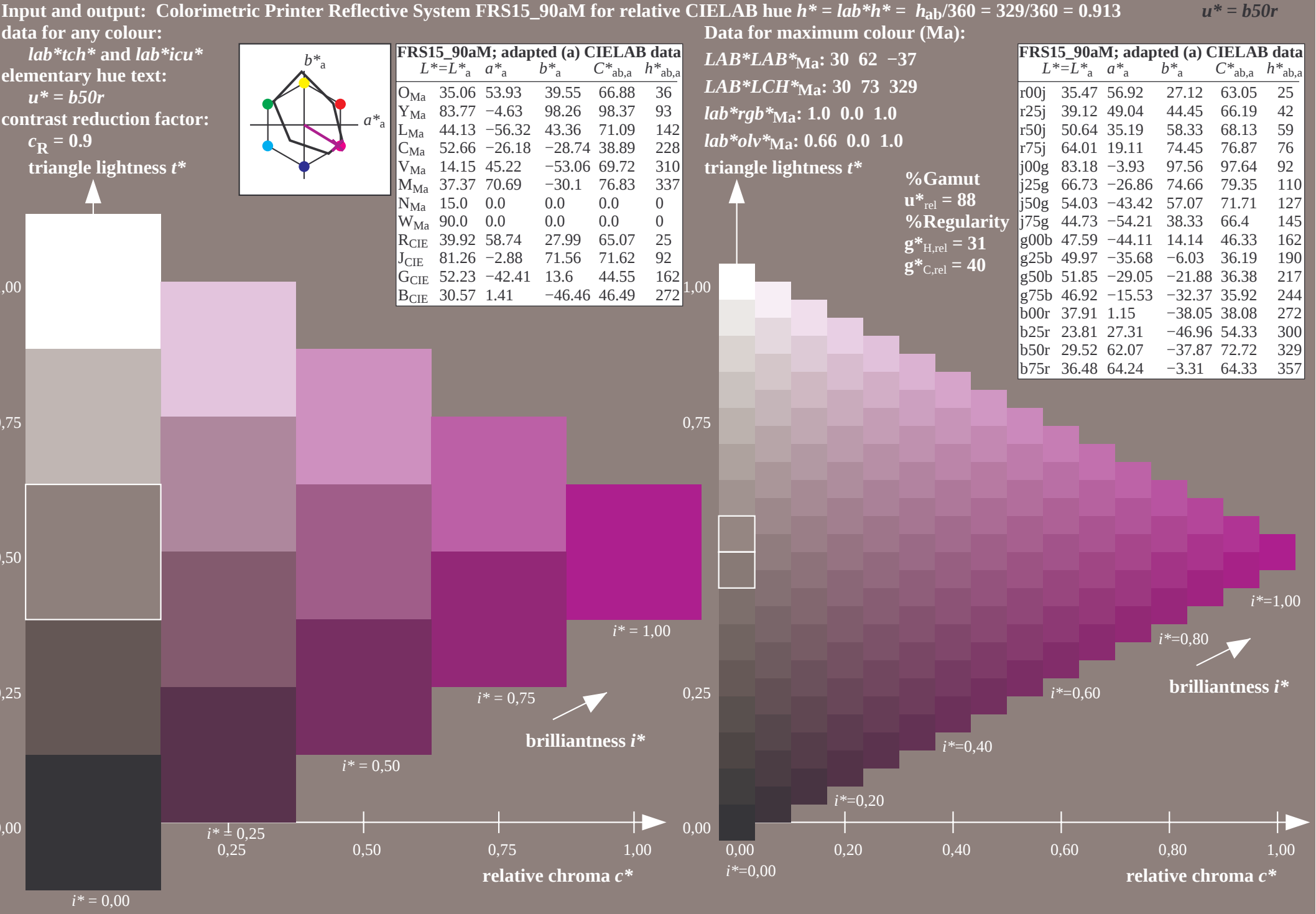


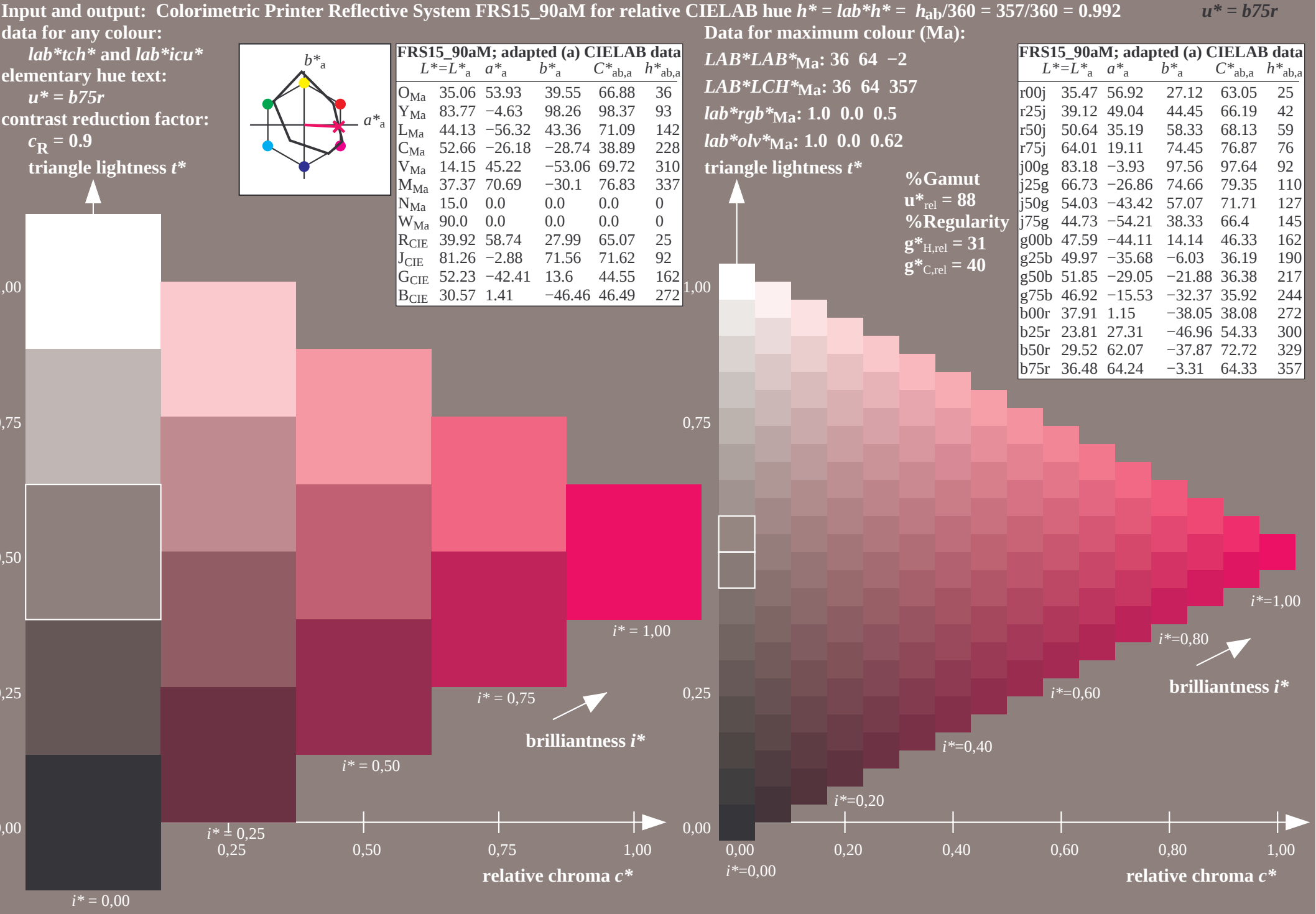


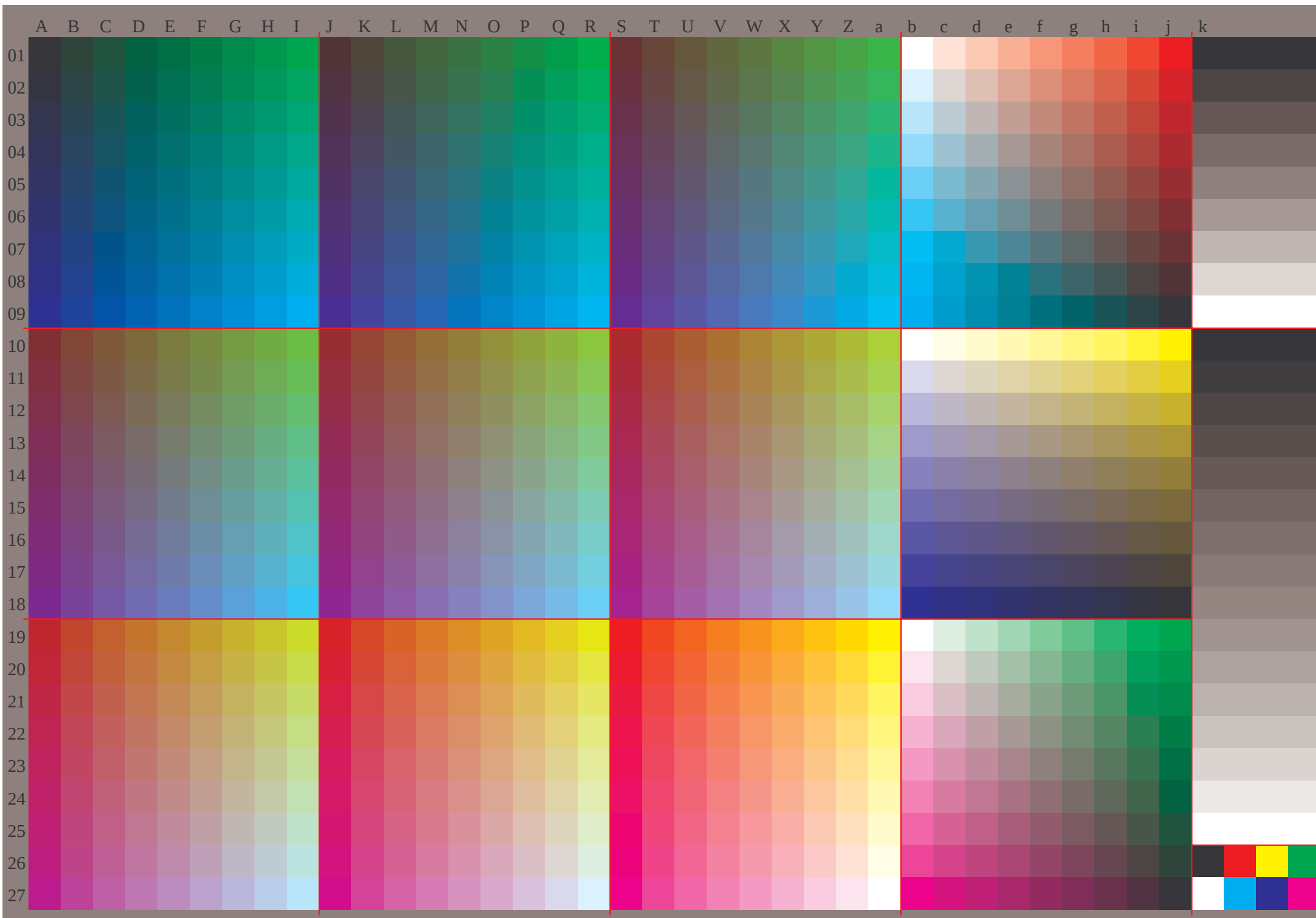






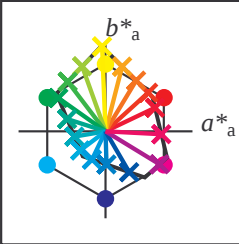






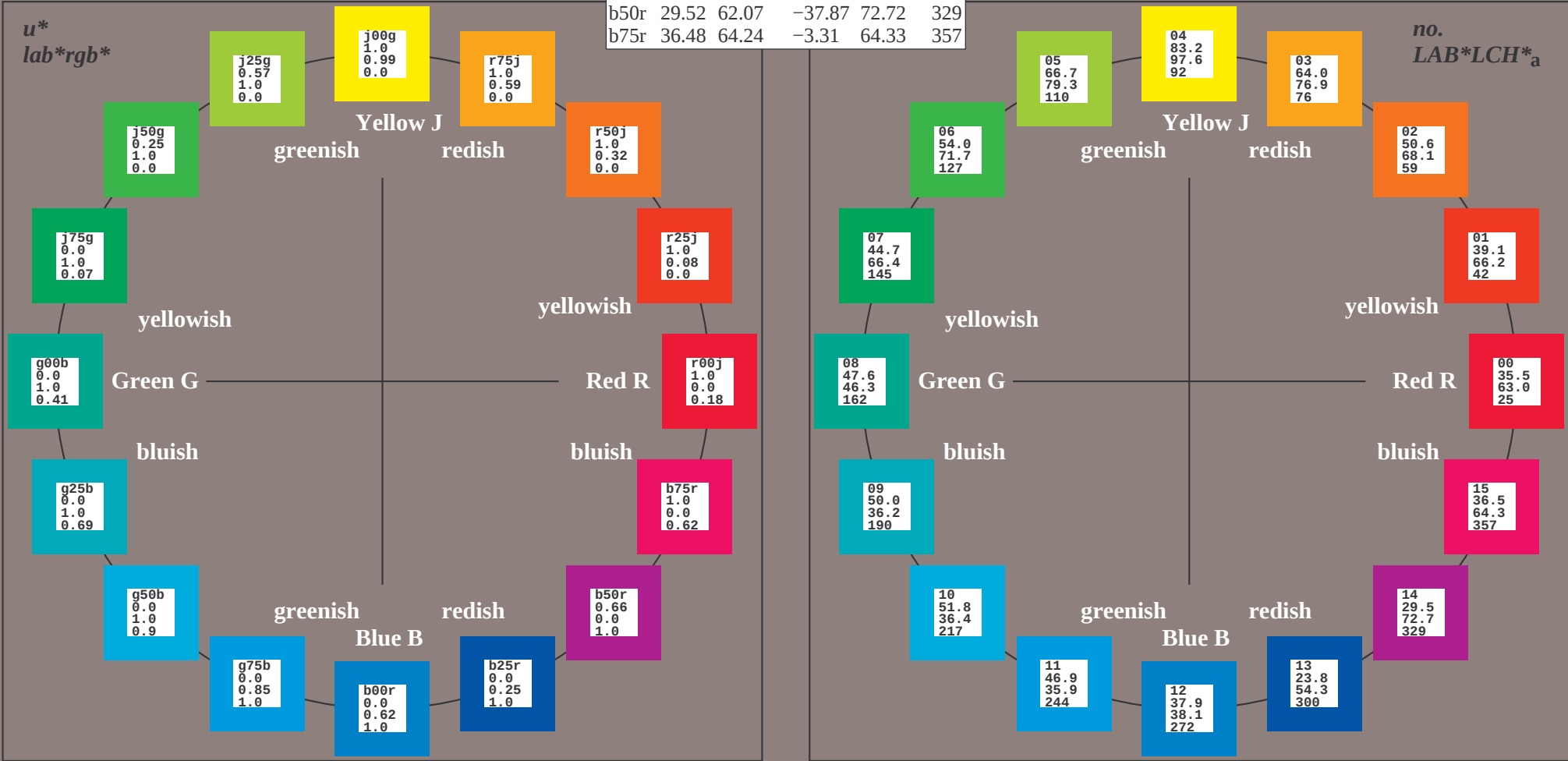
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
c_R = 0.9

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



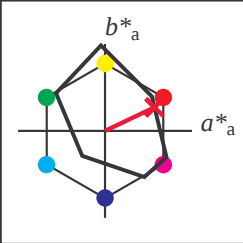
% Gamut
u_{rel}^{*} = 88
% Regularity
g_{H,rel}^{*} = 31
g_{C,rel}^{*} = 40

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r00j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



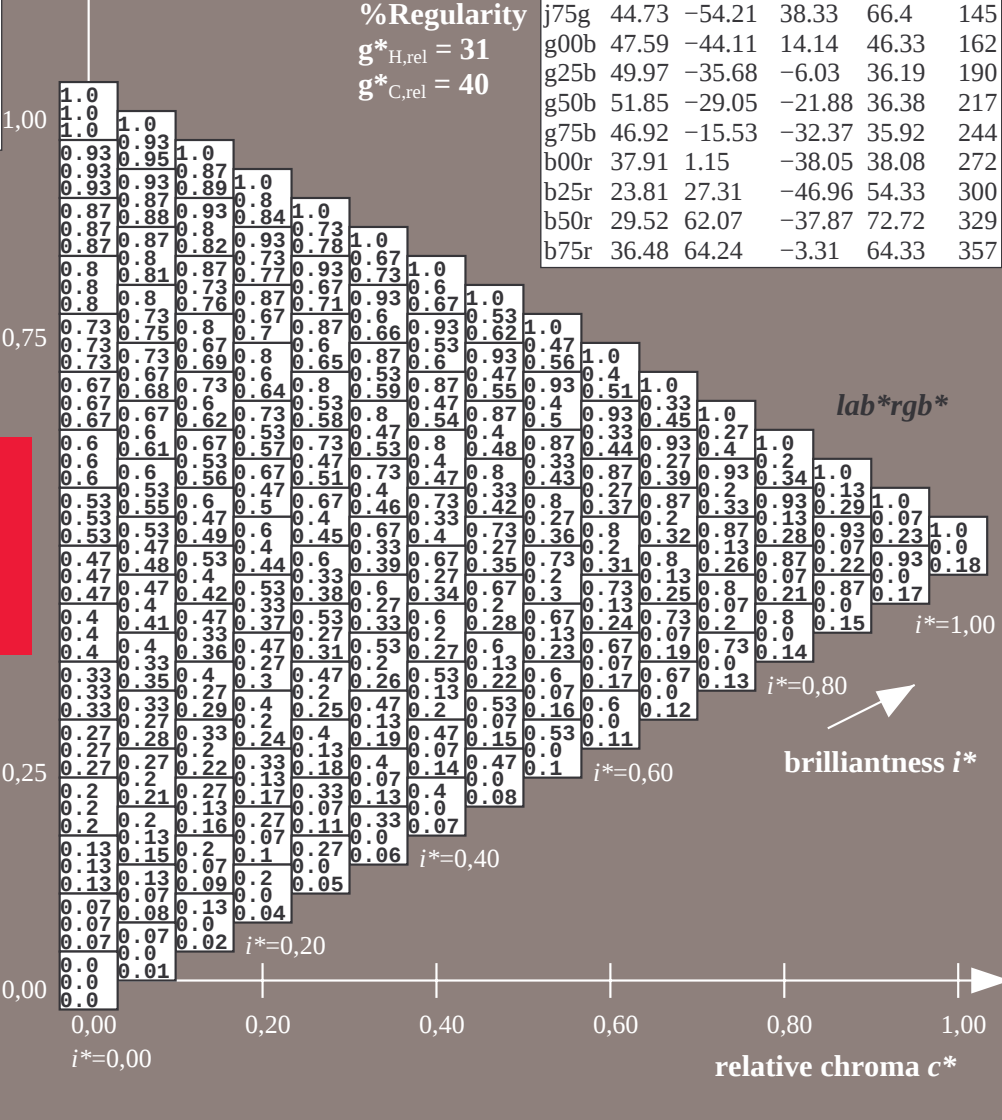
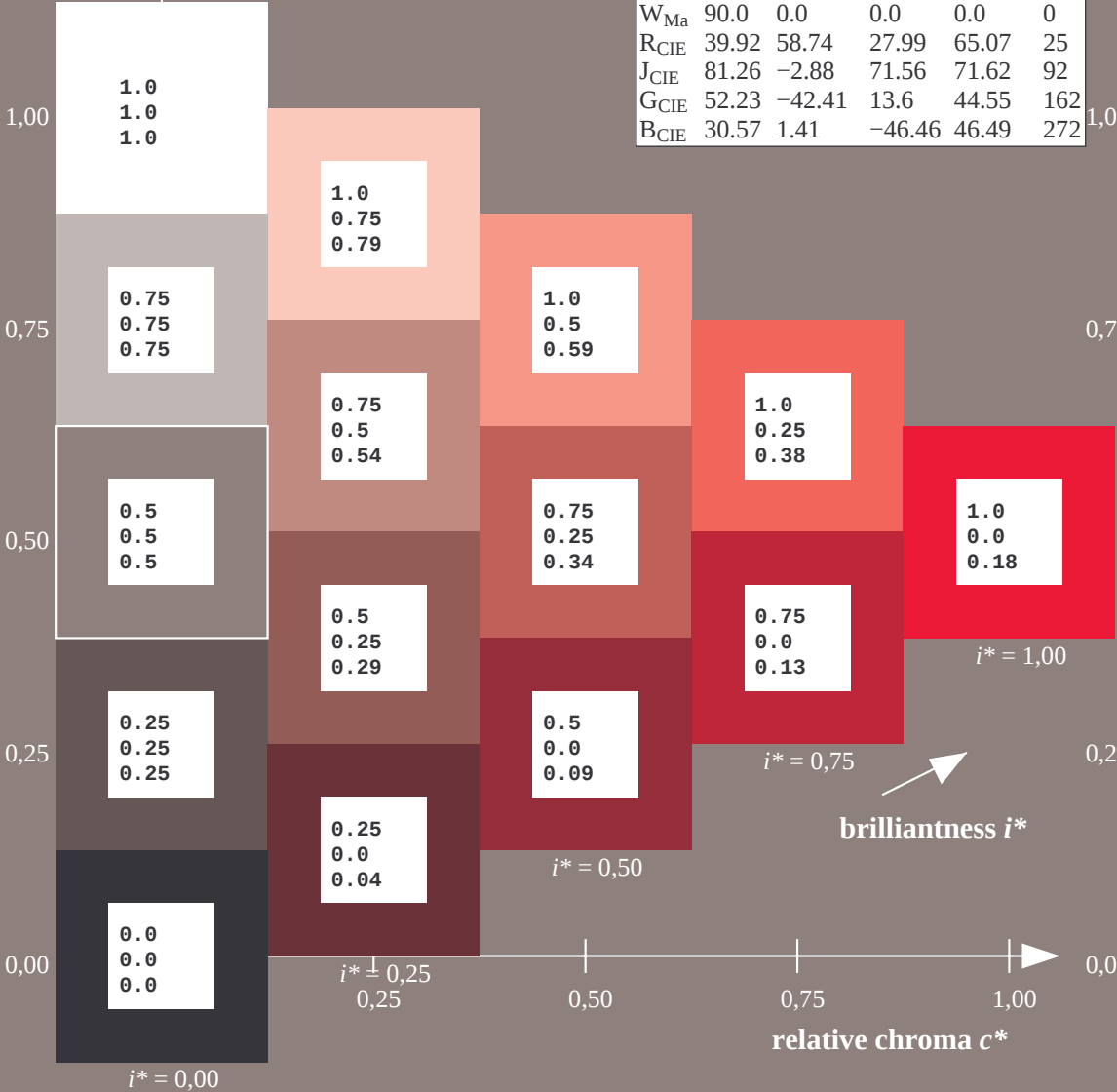
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 35 57 27
 $LAB^*LCH^*_{Ma}$: 35 63 25
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

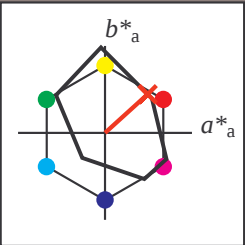
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r25j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

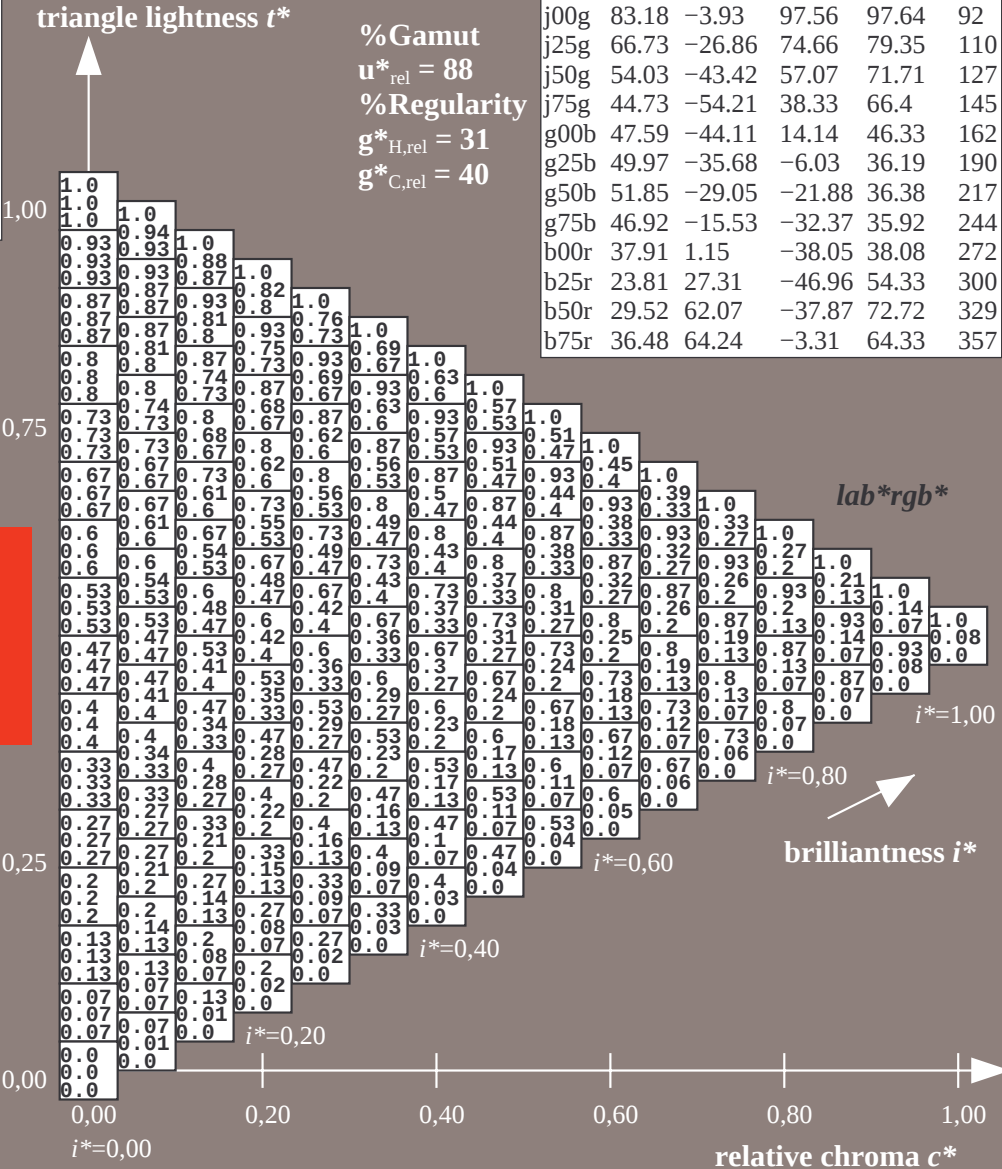
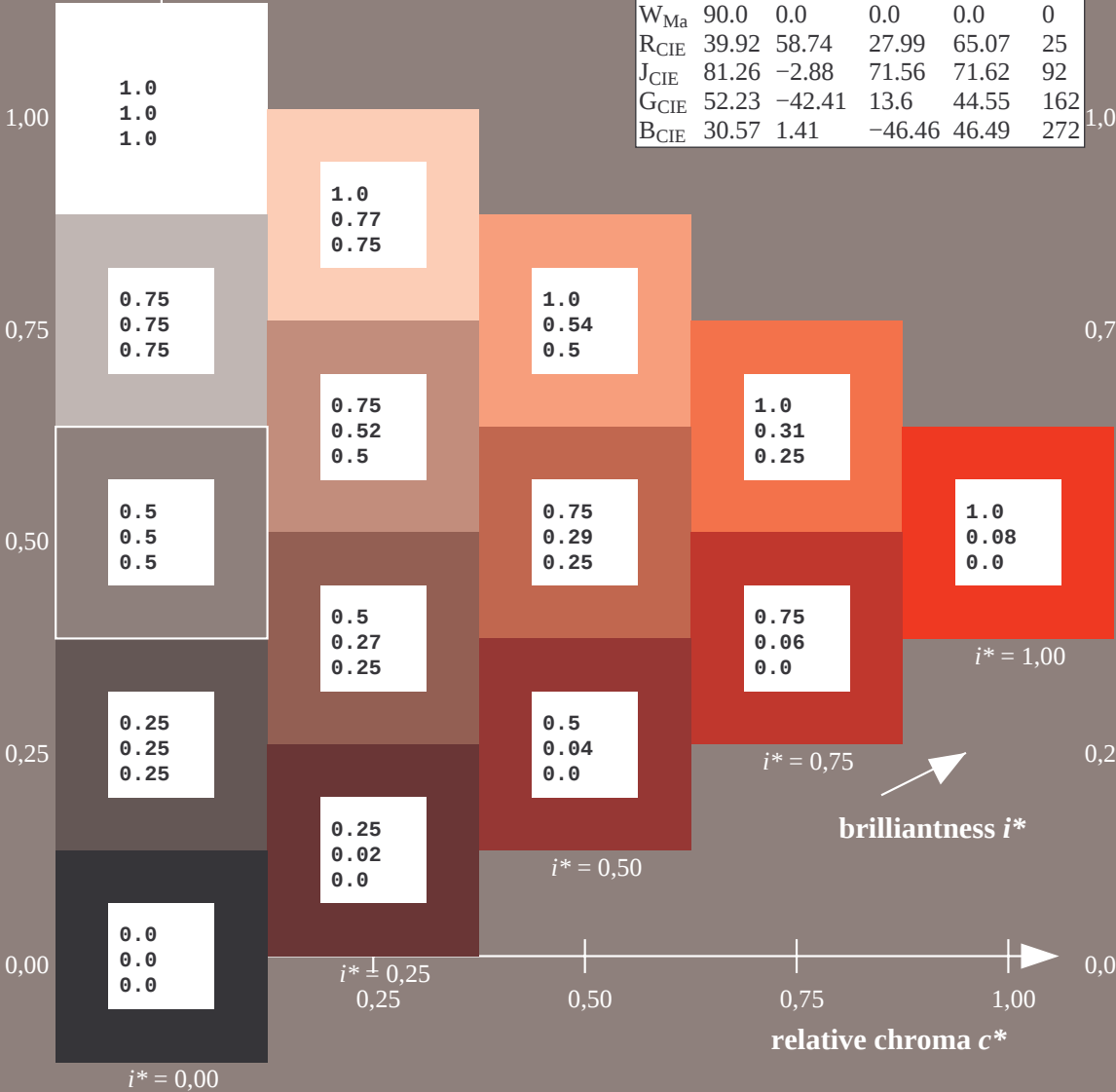


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

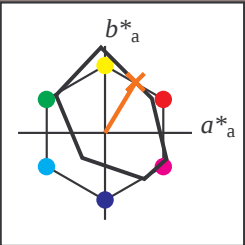
$u^* = r25j$
 lab^*rgb^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r50j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 35 58

$LAB^*LCH^*_{Ma}$: 51 68 59

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

$lab^*olv^*_{Ma}$: 1.0 0.32 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

%Regularity

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

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

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

$u^* = r50j$

lab^*rgb^*

lab^*rgb^*

$i^* = 1.00$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

$i^* = 0.00$

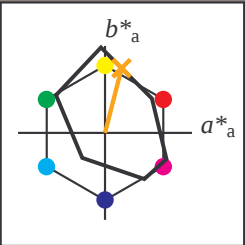
$i^* = 0.00$

$i^* = 0.00$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r75j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

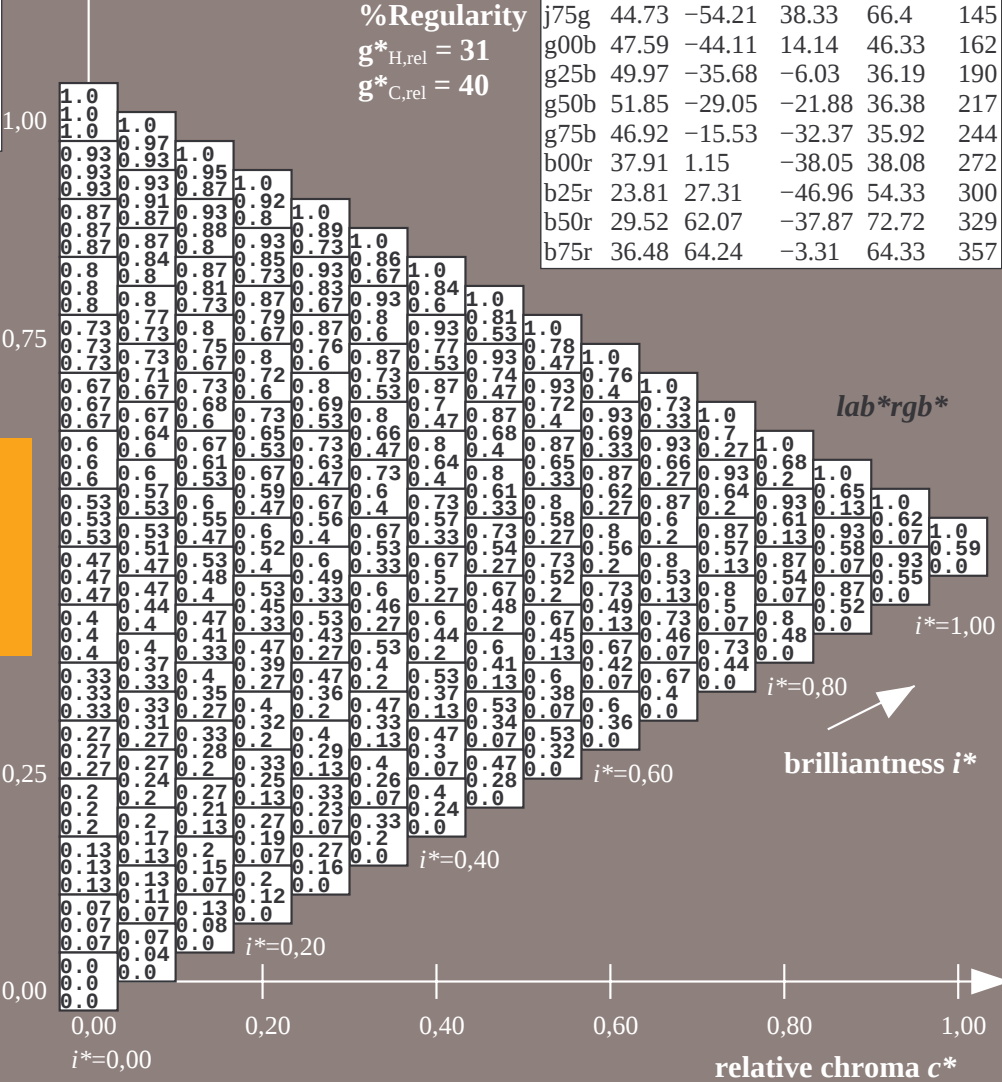
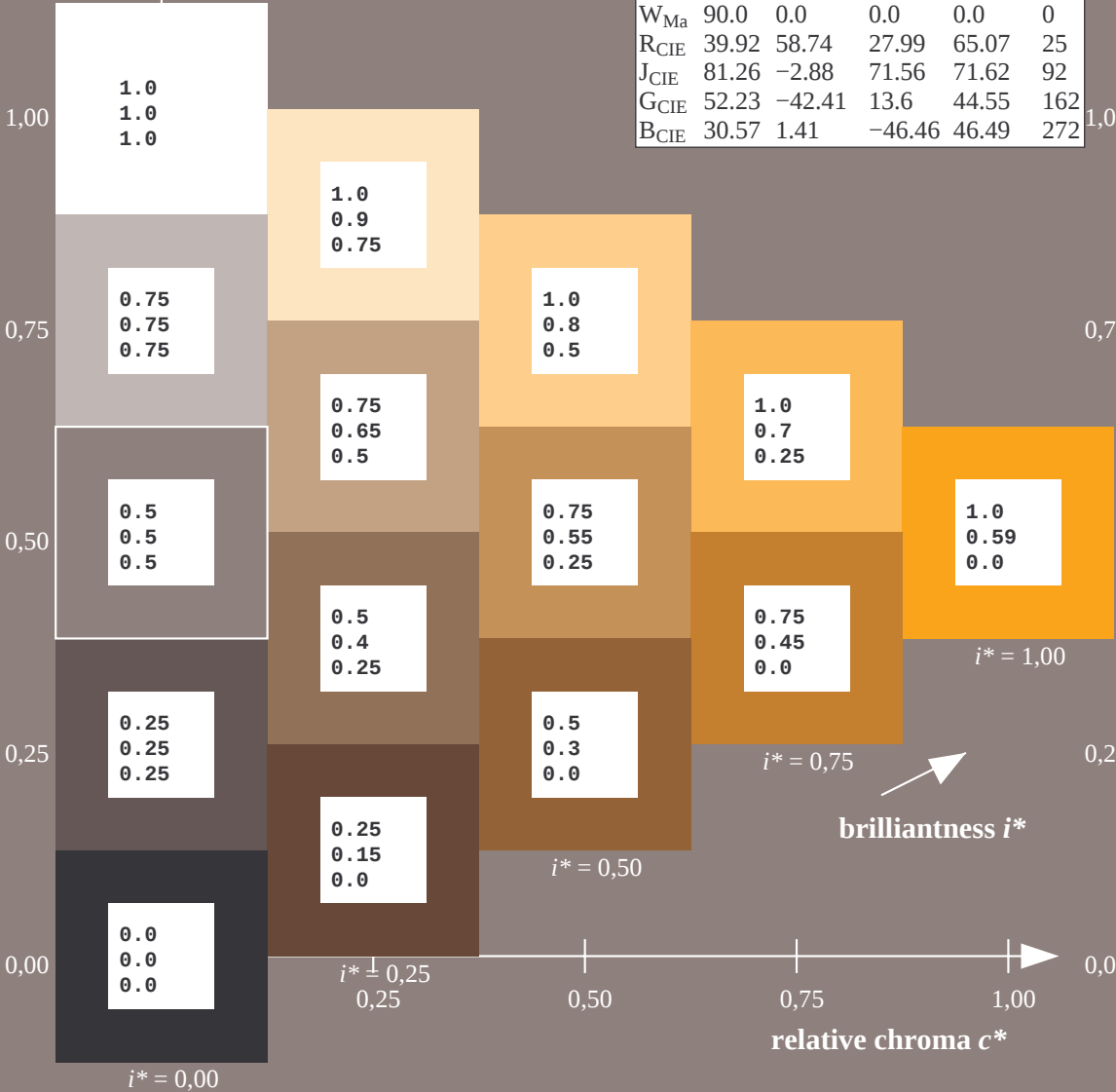
Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

$u^* = r75j$
 lab^*rgb^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

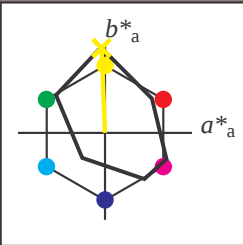
triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j00g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98

$LAB^*LCH^*_{Ma}$: 83 98 92

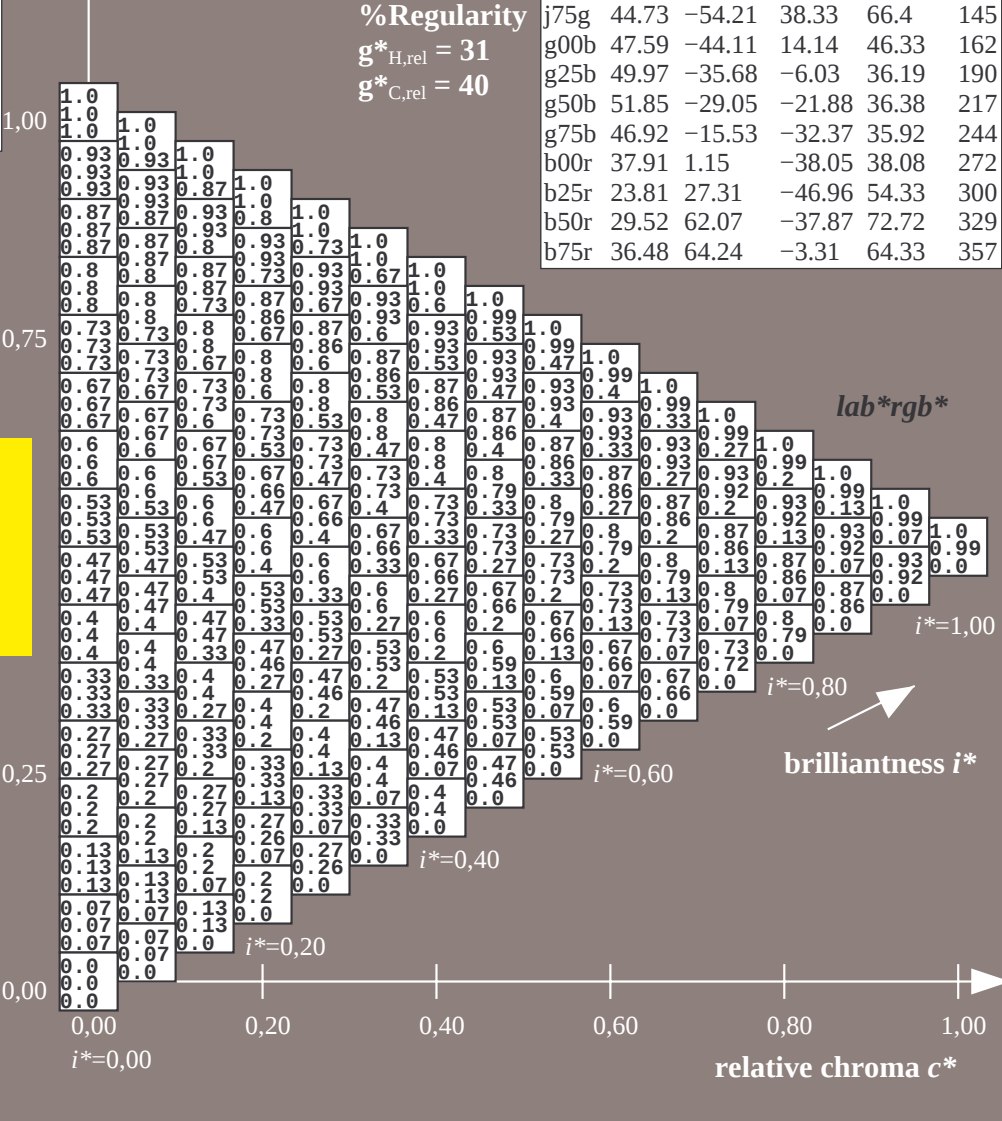
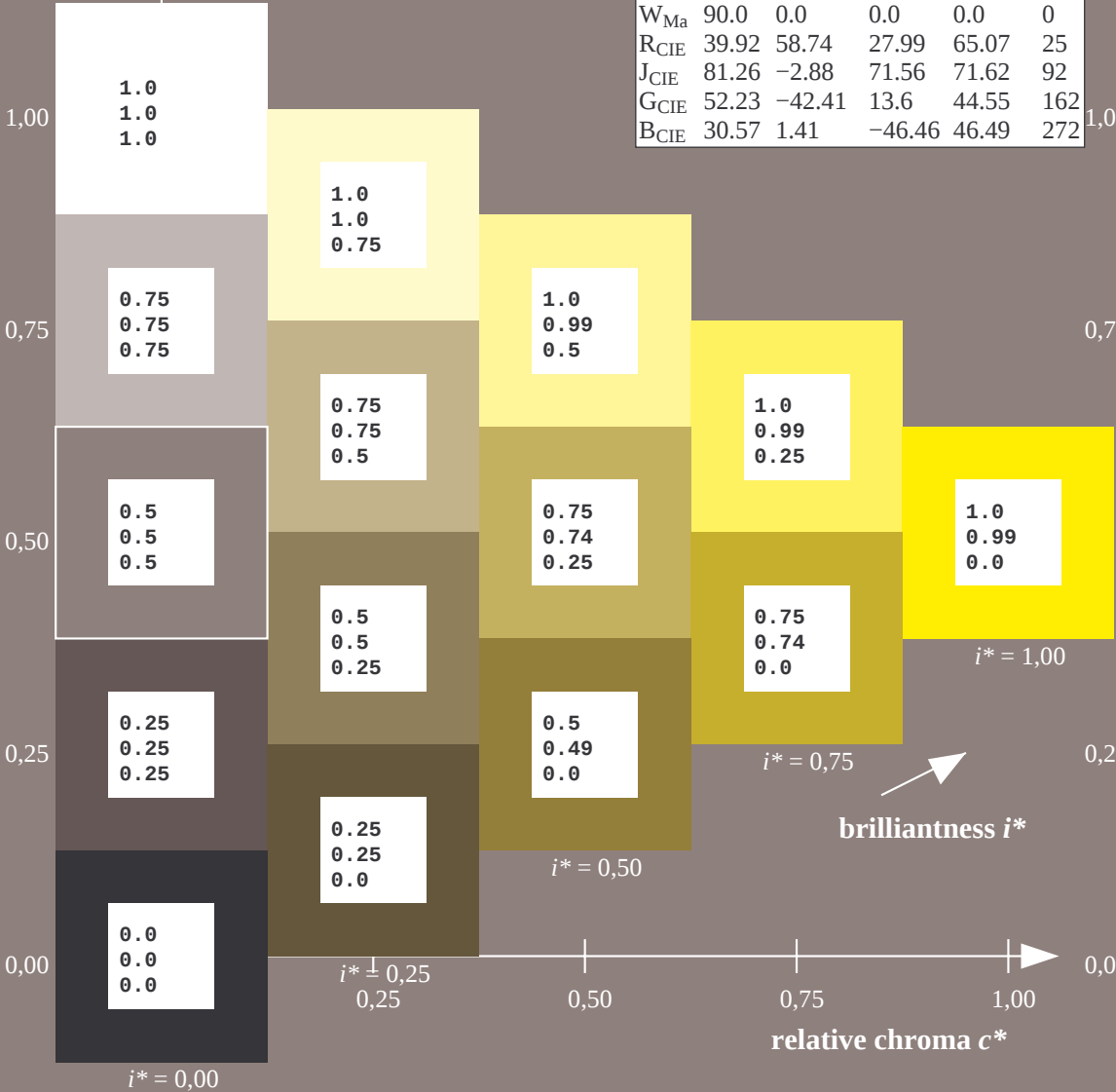
$lab^*rgb^*_{Ma}$: 1.0 1.0 0.0

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

triangle lightness t^*

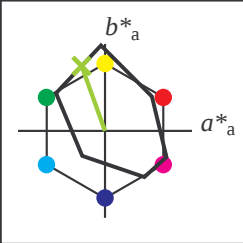
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j25g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

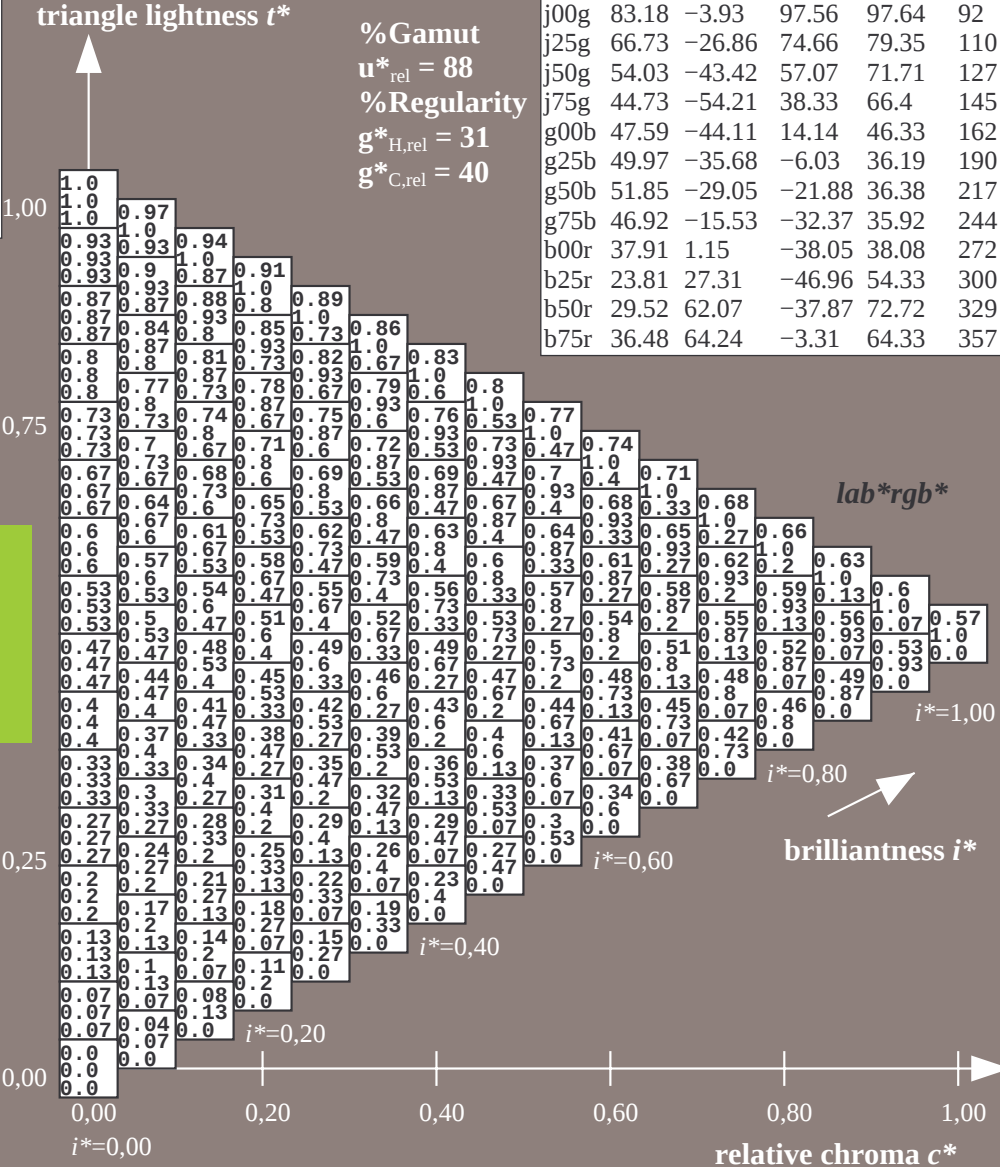
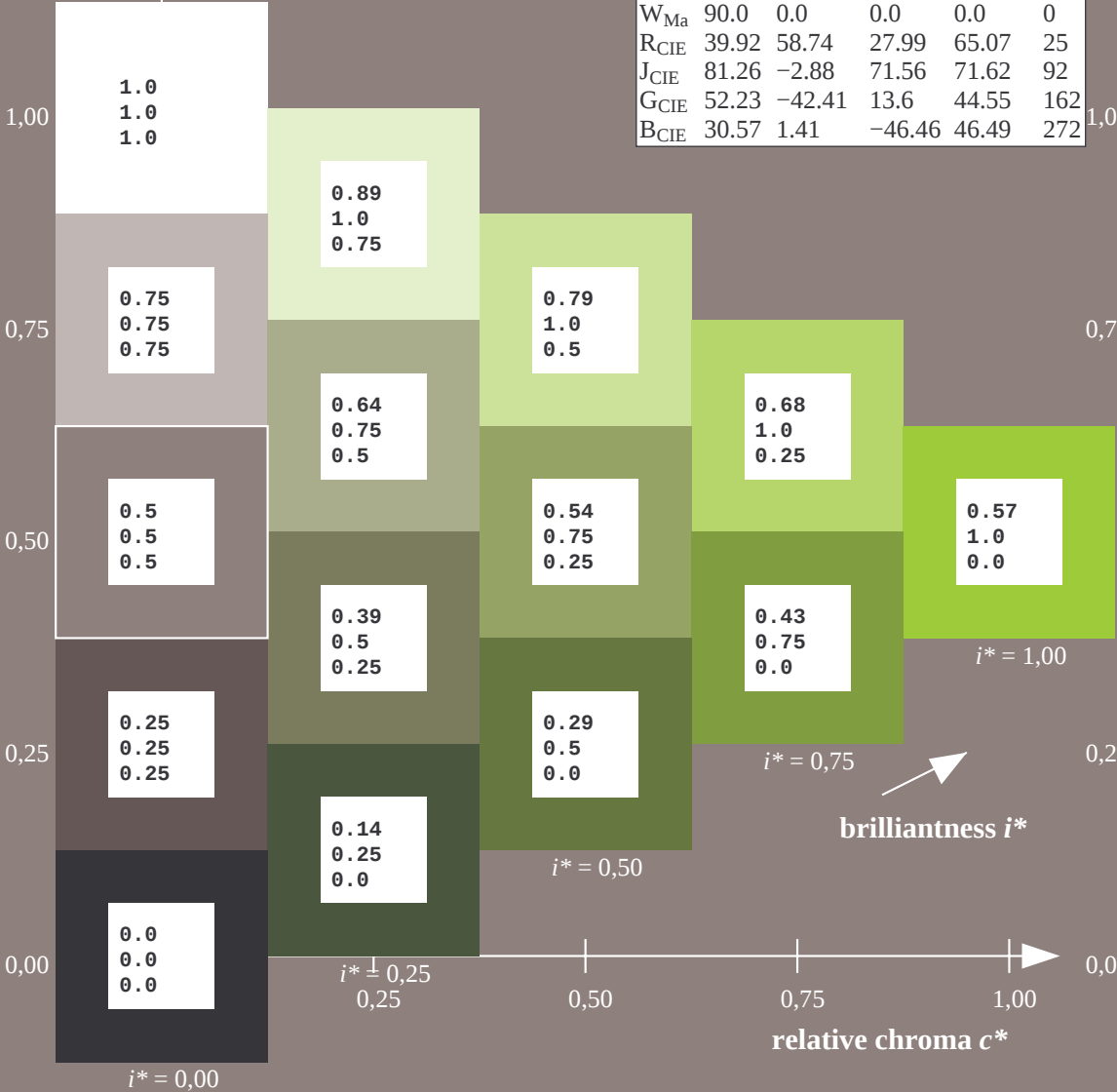


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 67 -26 75
 $LAB^*LCH^*_{Ma}$: 67 79 110
 $lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.57 1.0 0.0

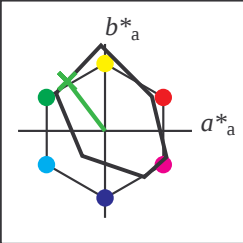
$u^* = j25g$
 lab^*rgb^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j50g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

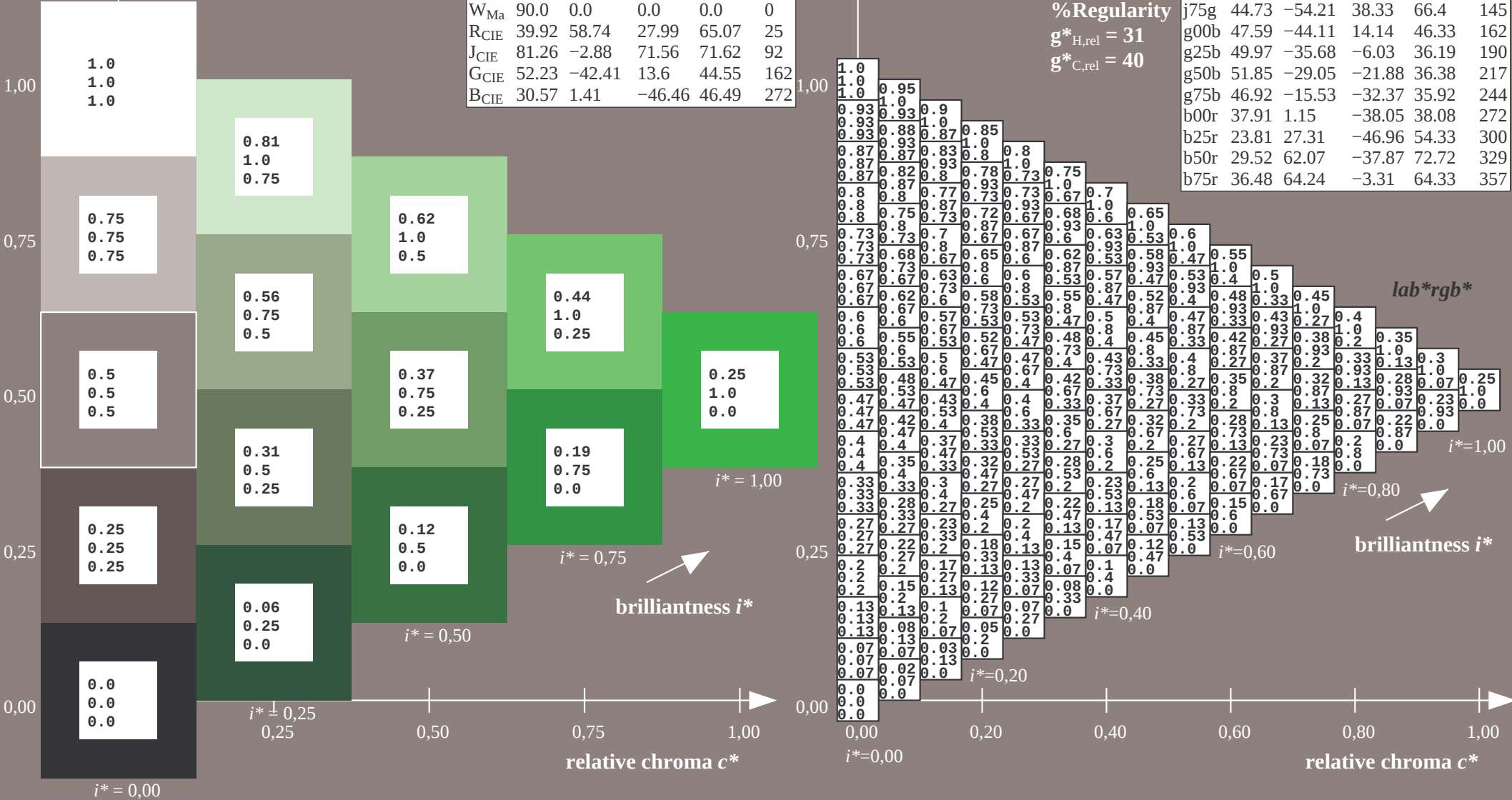


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 54 -42 57
 $LAB^*LCH^*_{Ma}$: 54 72 127
 $lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.25 1.0 0.0

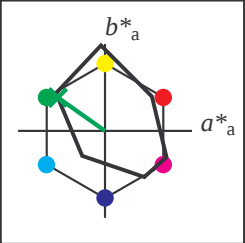
$u^* = j50g$
 lab^*rgb^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j75g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



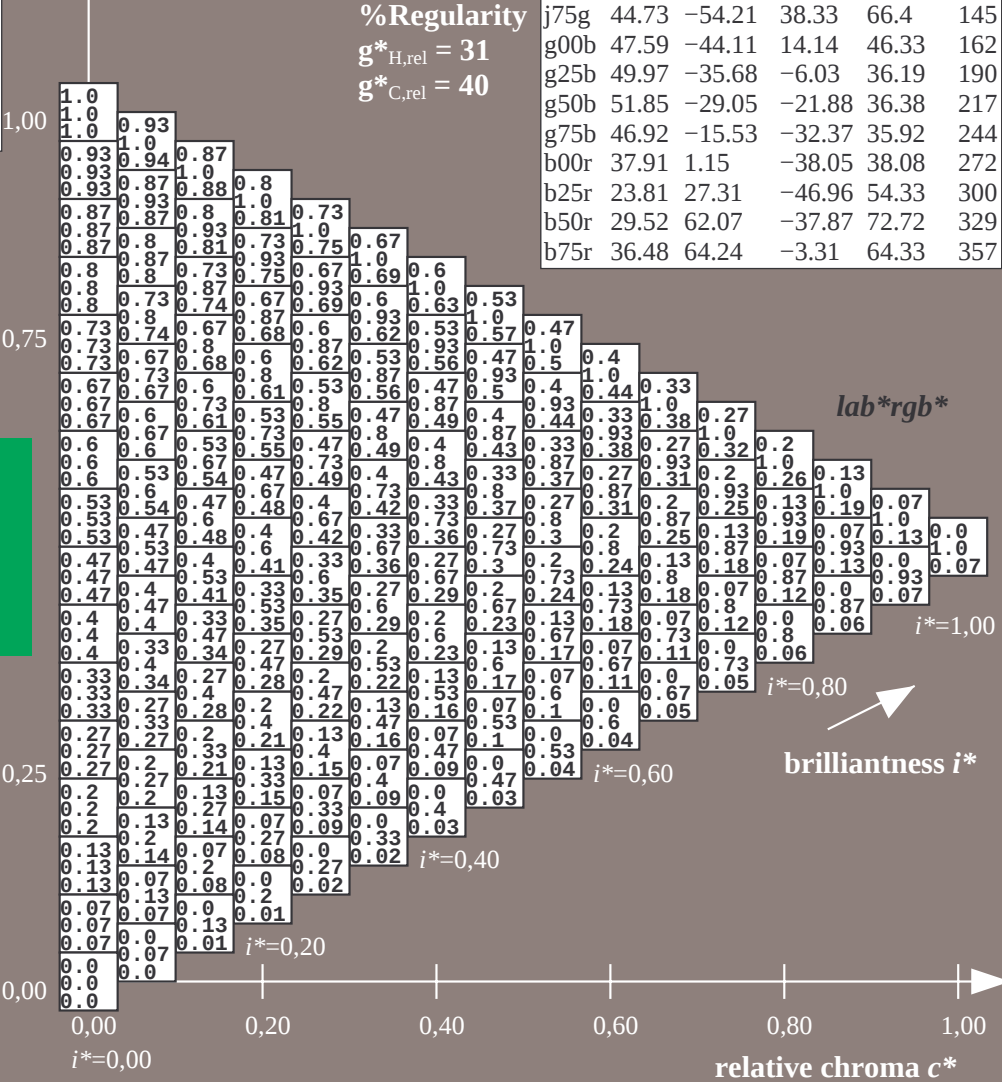
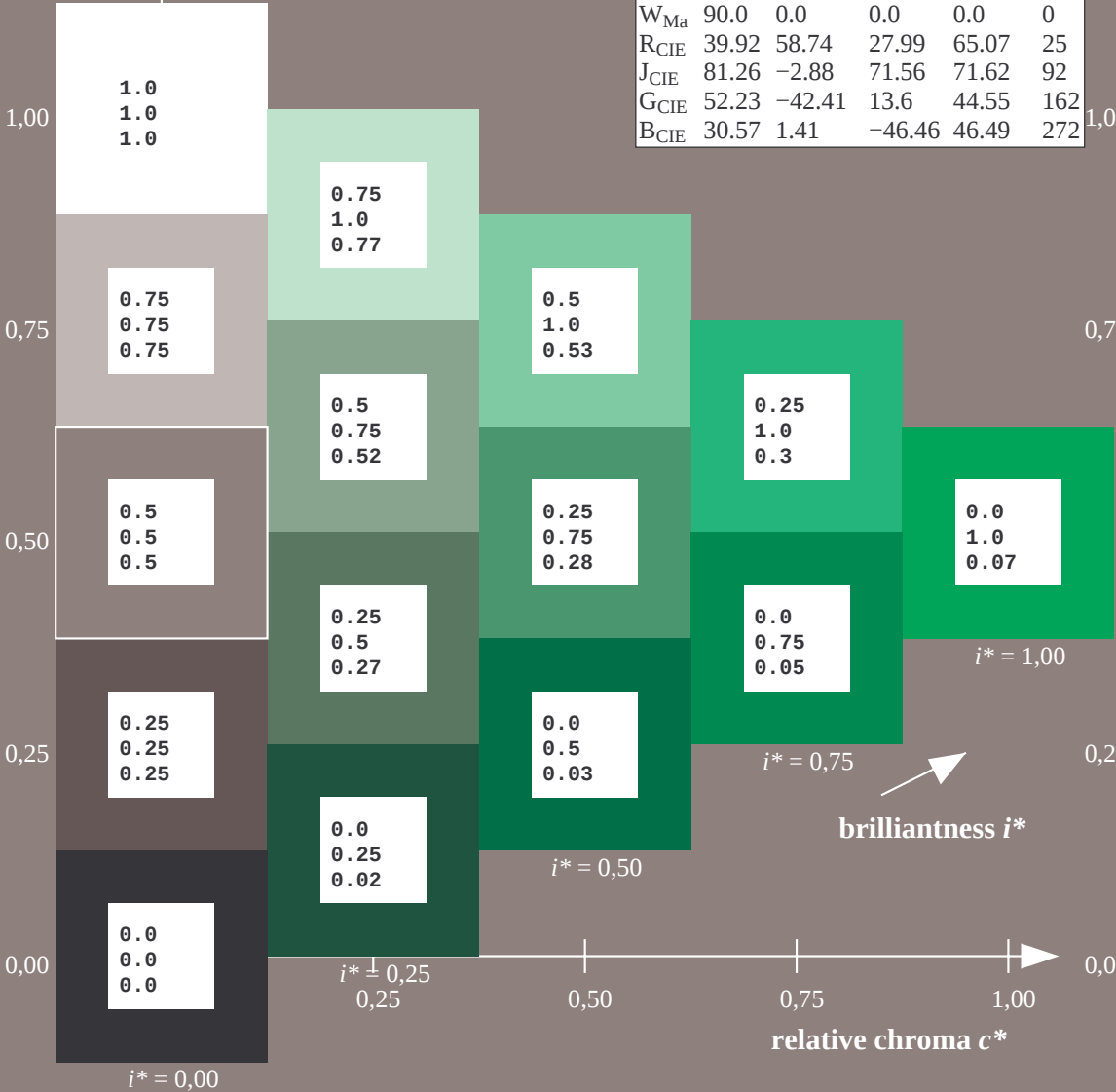
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 45 -53 38
 $LAB^*LCH^*_{Ma}$: 45 66 145
 $lab^*rgb^*_{Ma}$: 0.25 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.07

$u^* = j75g$
 lab^*rgb^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



$$u^* = g_{00}b$$

Data for maximum colour (Ma):

*lab*rgb**

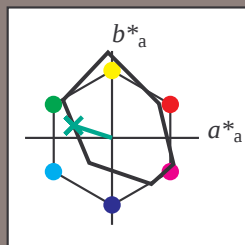
LAB*LAB*_{Ma}: 48 -43 14

*LAB*LCH**_{Ma}: 48 46 162

*lab*rgb*_Ma: 0.0 1.0 0.0*

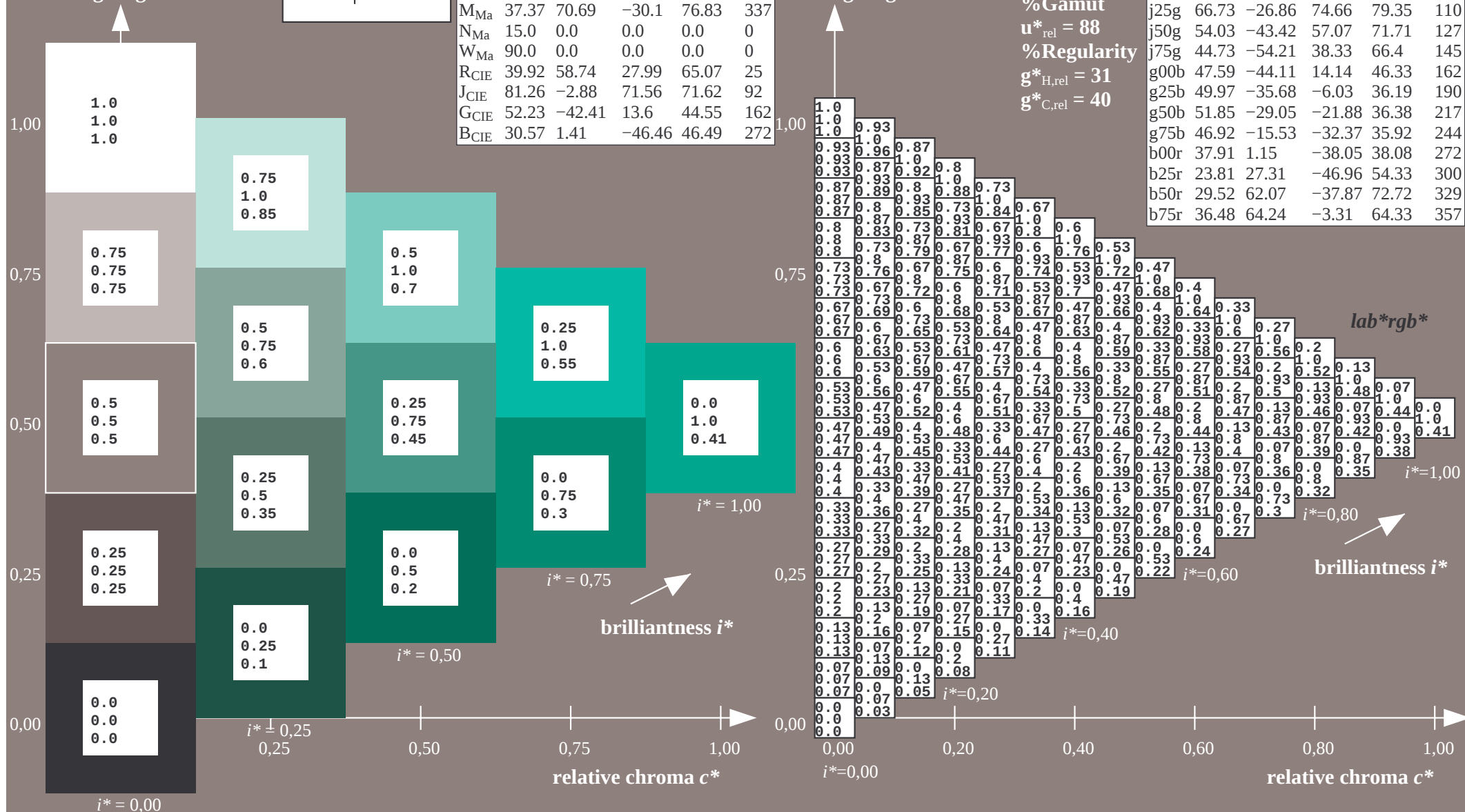
*lab*olv**Ma: 0.0 1.0 0.41

triangle lightness t^*



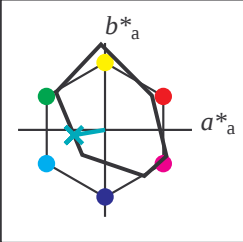
FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g25b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



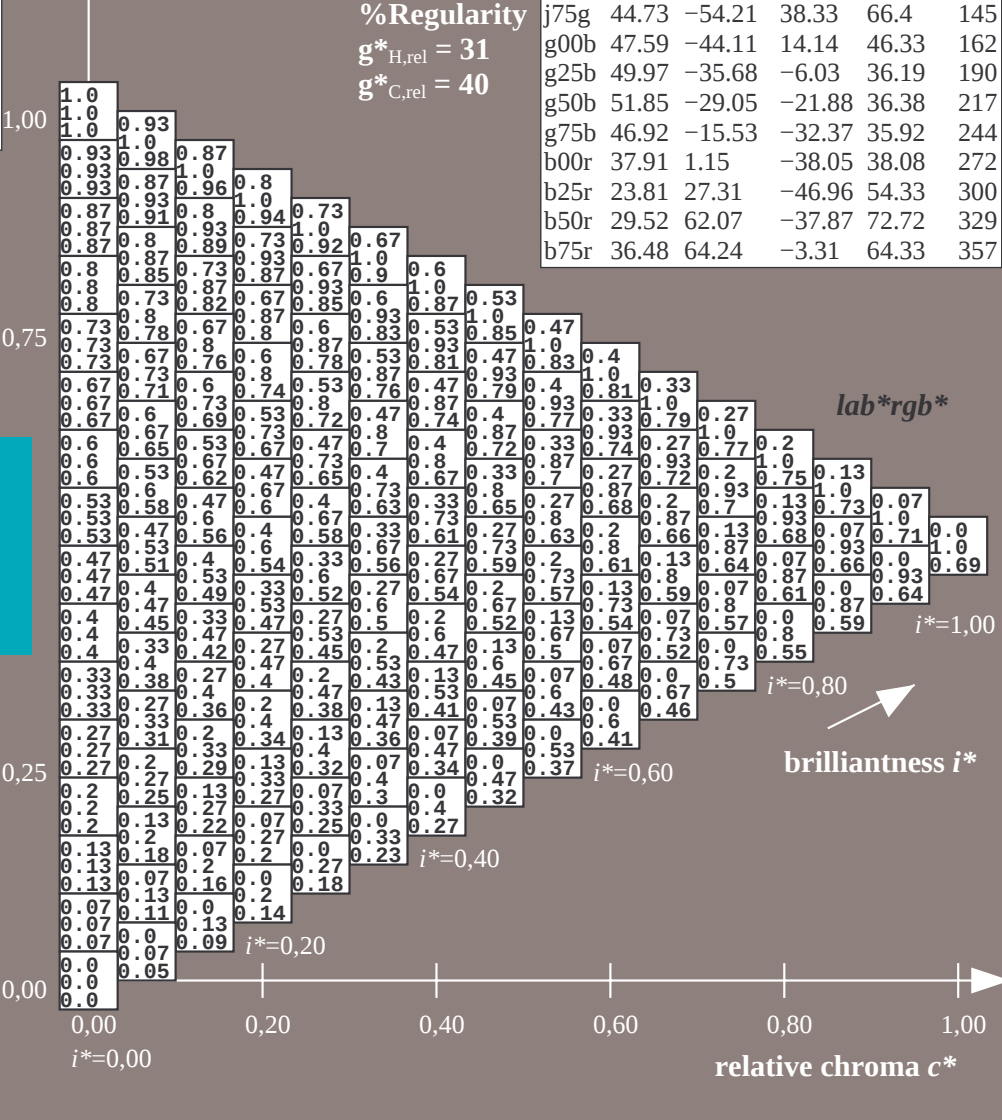
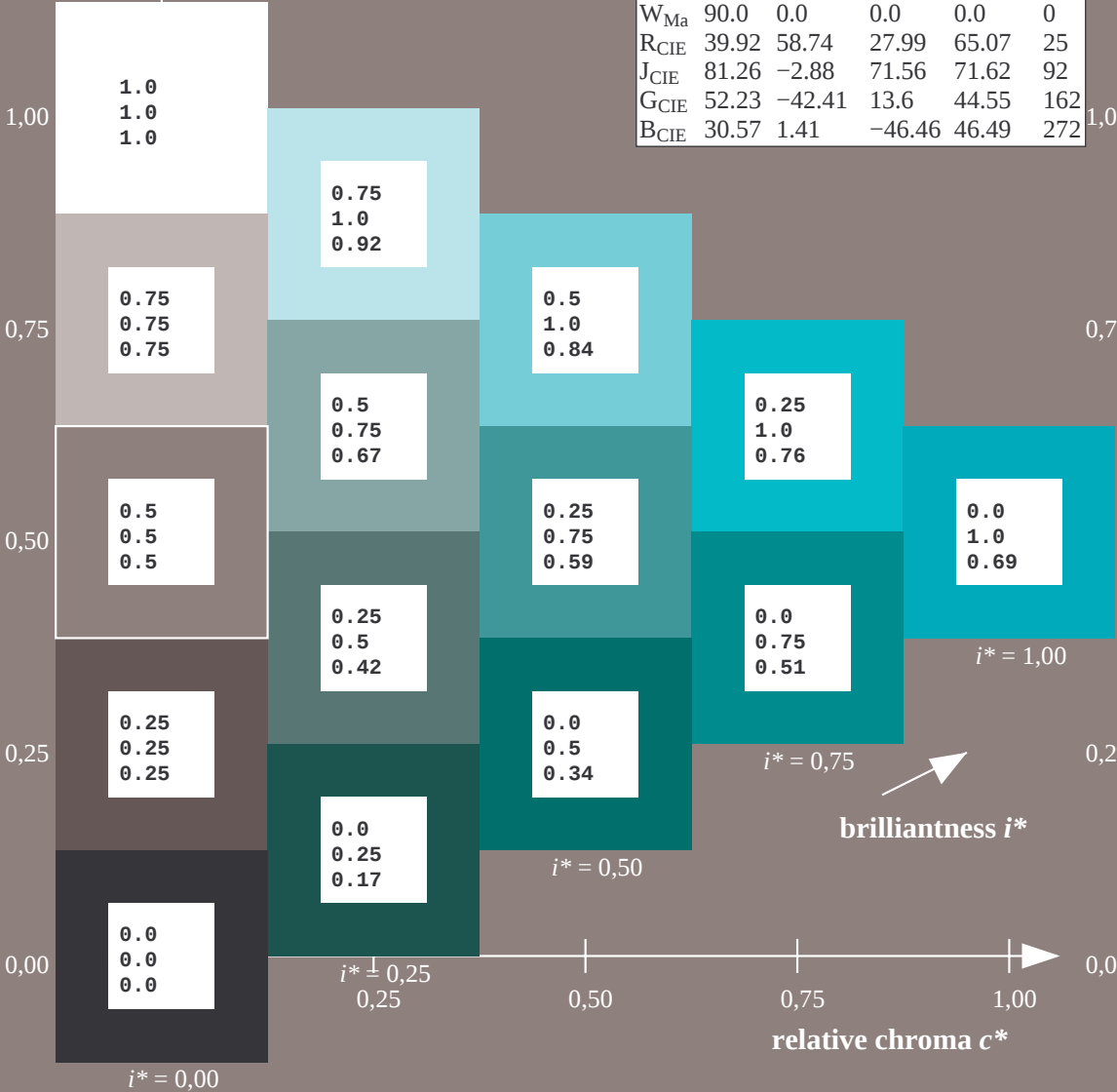
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -35 -5
 $LAB^*LCH^*_{Ma}$: 50 36 190
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.69
triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



$$u^* = g50b$$

Data for maximum colour (Ma):

*lab*rgb**

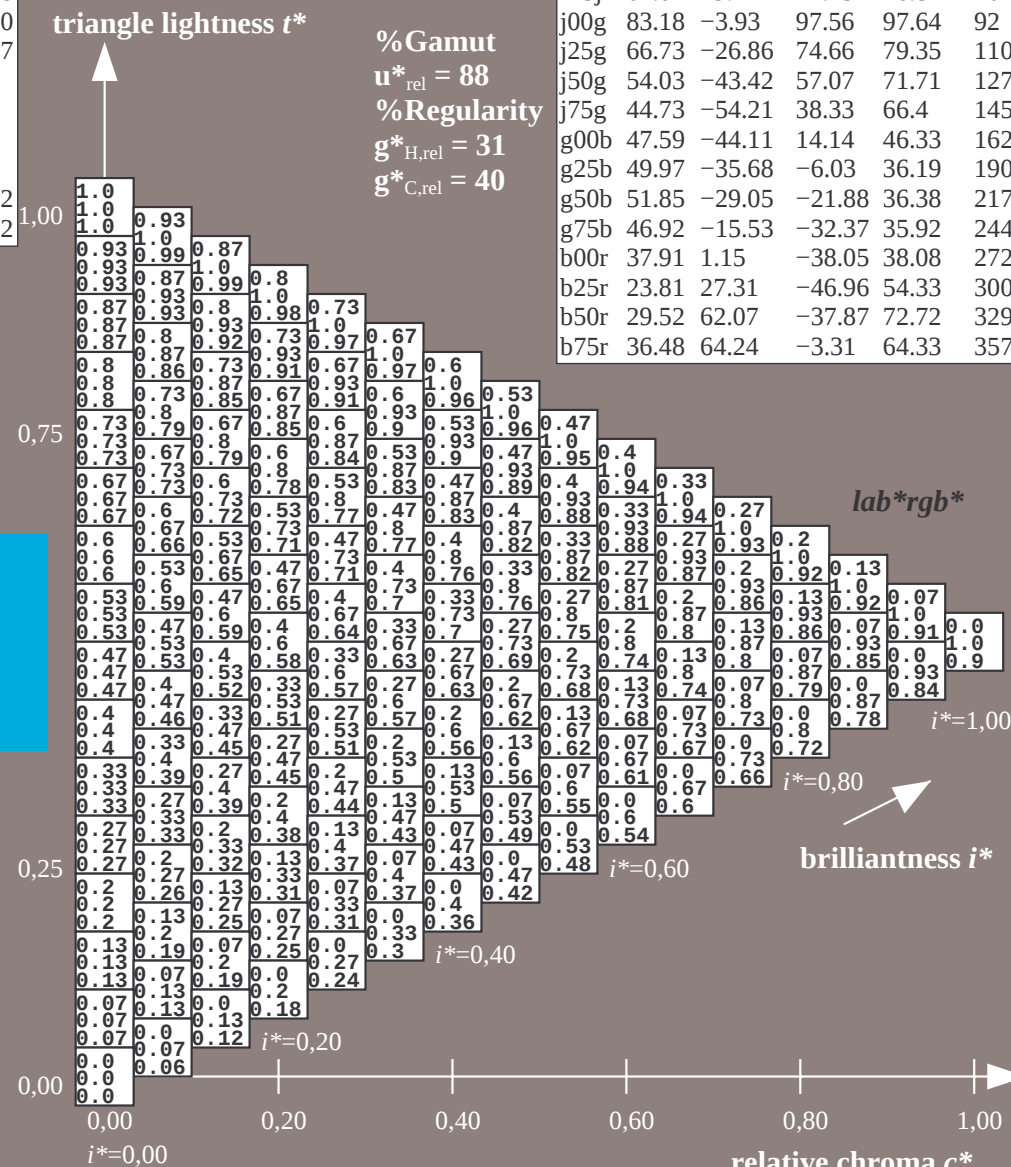
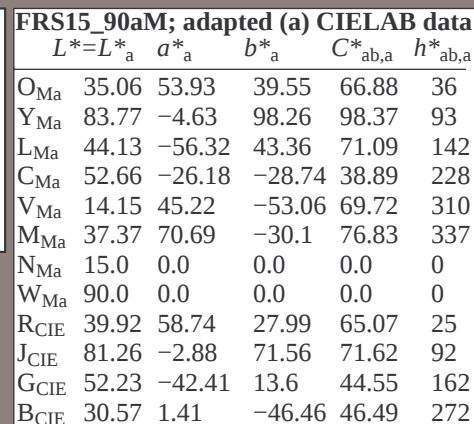
LAB*LAB*_{Ma}: 52 -28 -21

LAB*LCH*Ma: 52 36 217

*lab*rgb*_Ma: 0.0 1.0 1.0*

lab*olv*Ma: 0.0 1.0 0.9

triangle lightness t^*



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$$u^* = g75b$$

Data for maximum colour (Ma):

*lab*rgb**

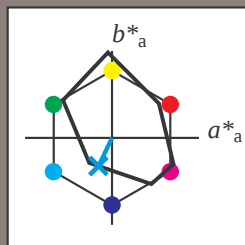
LAB*LAB*_{Ma}: 47 -15 -31

LAB*LCH*Ma: 47 36 244

*lab*rgb*_Ma: 0.0 0.5 1.0*

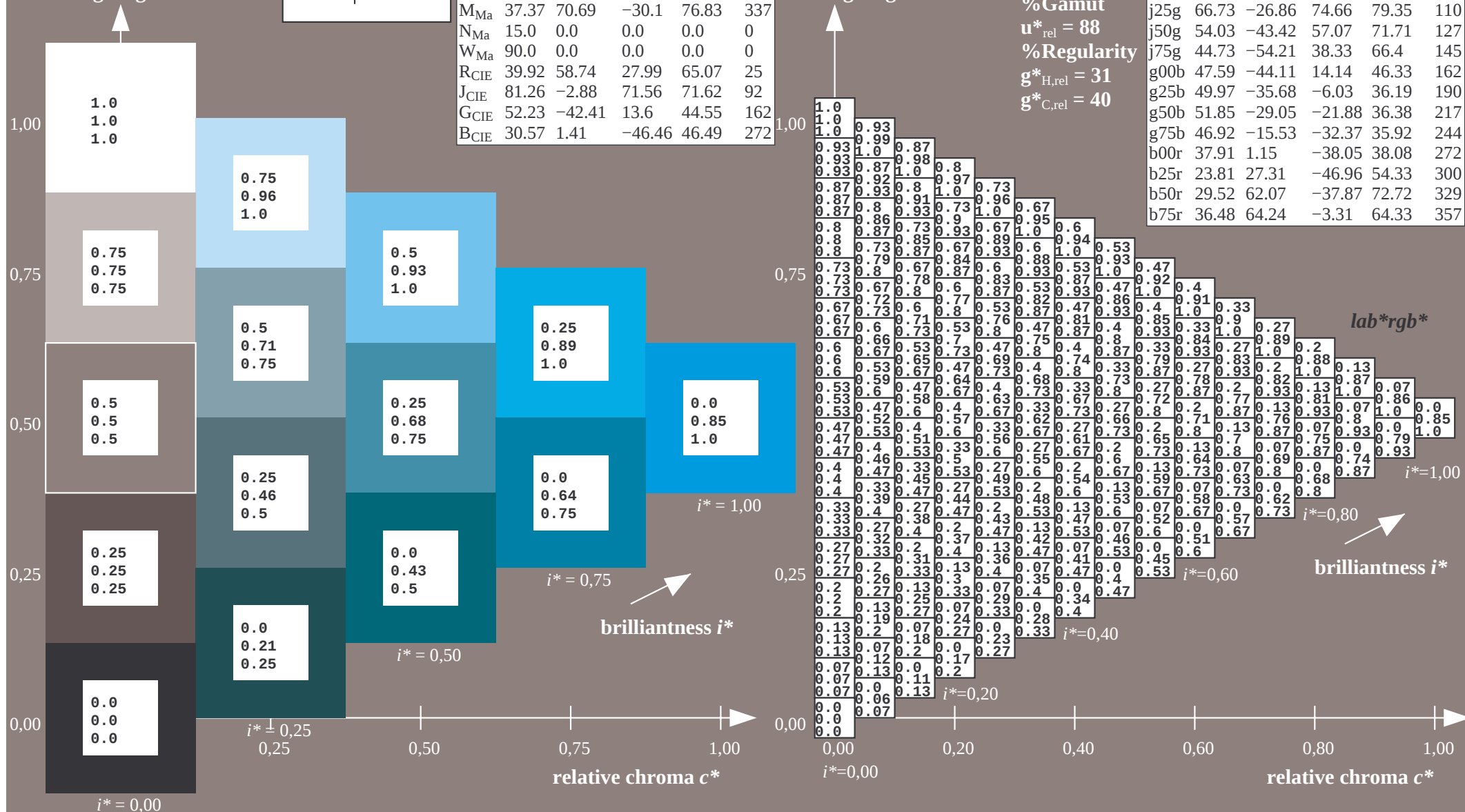
*lab*olv**Ma: 0.0 0.85 1.0

triangle lightness t^*



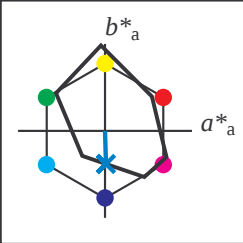
FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

FRS15_90aM; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b00r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

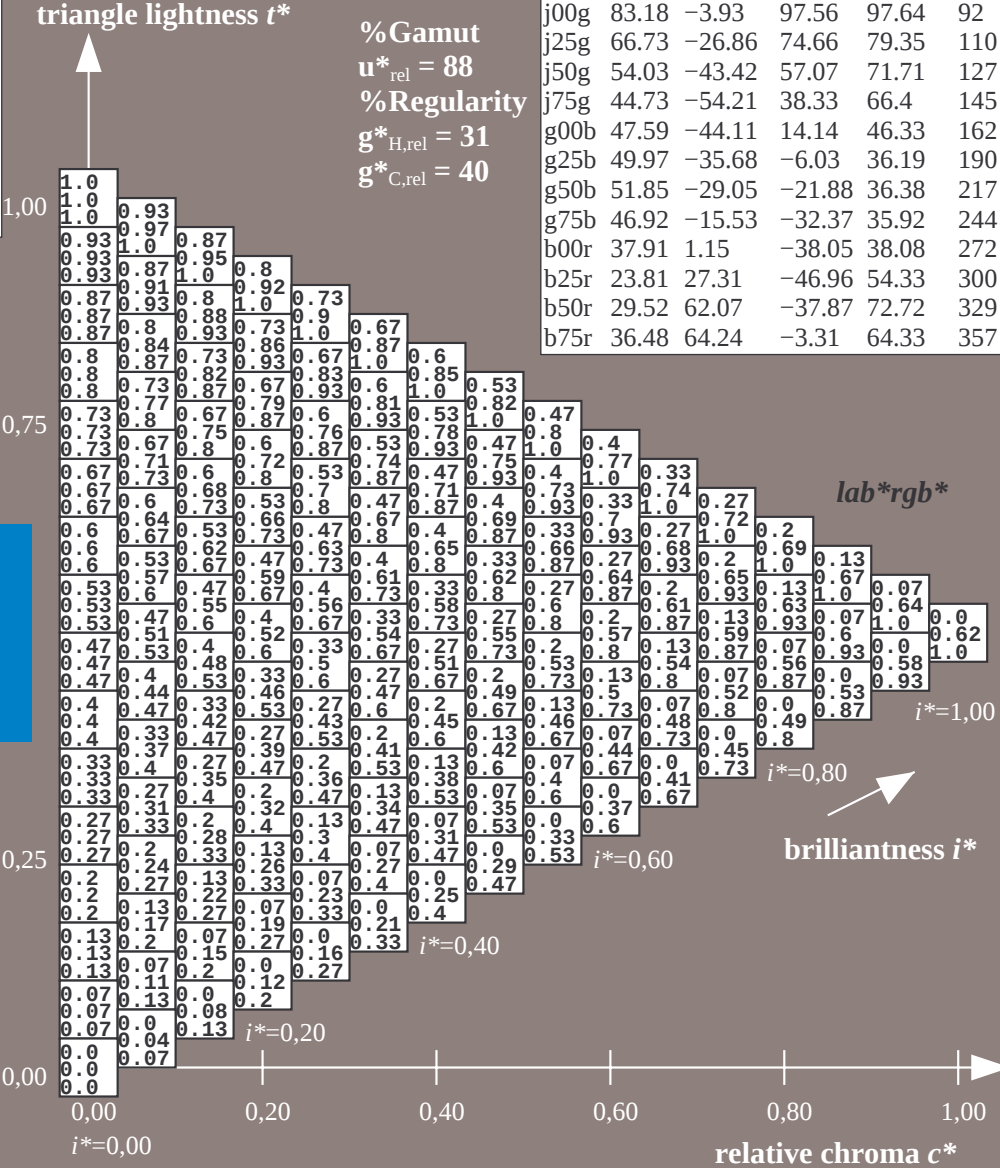
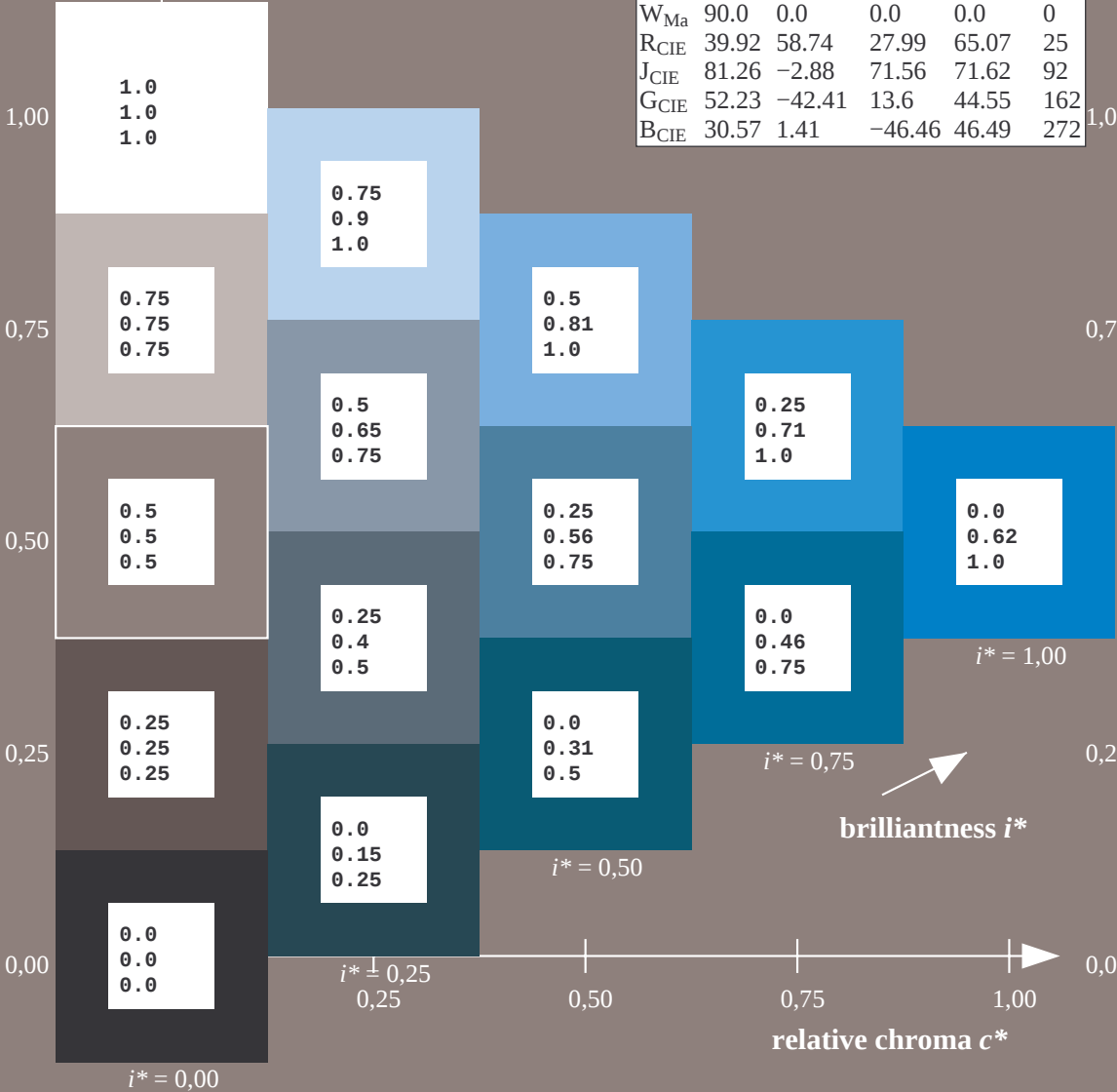


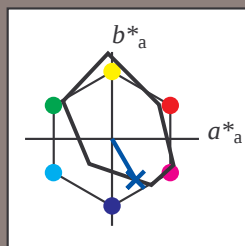
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 38 1 -37
 $LAB^*LCH^*_{Ma}$: 38 38 272
 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.62 1.0

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

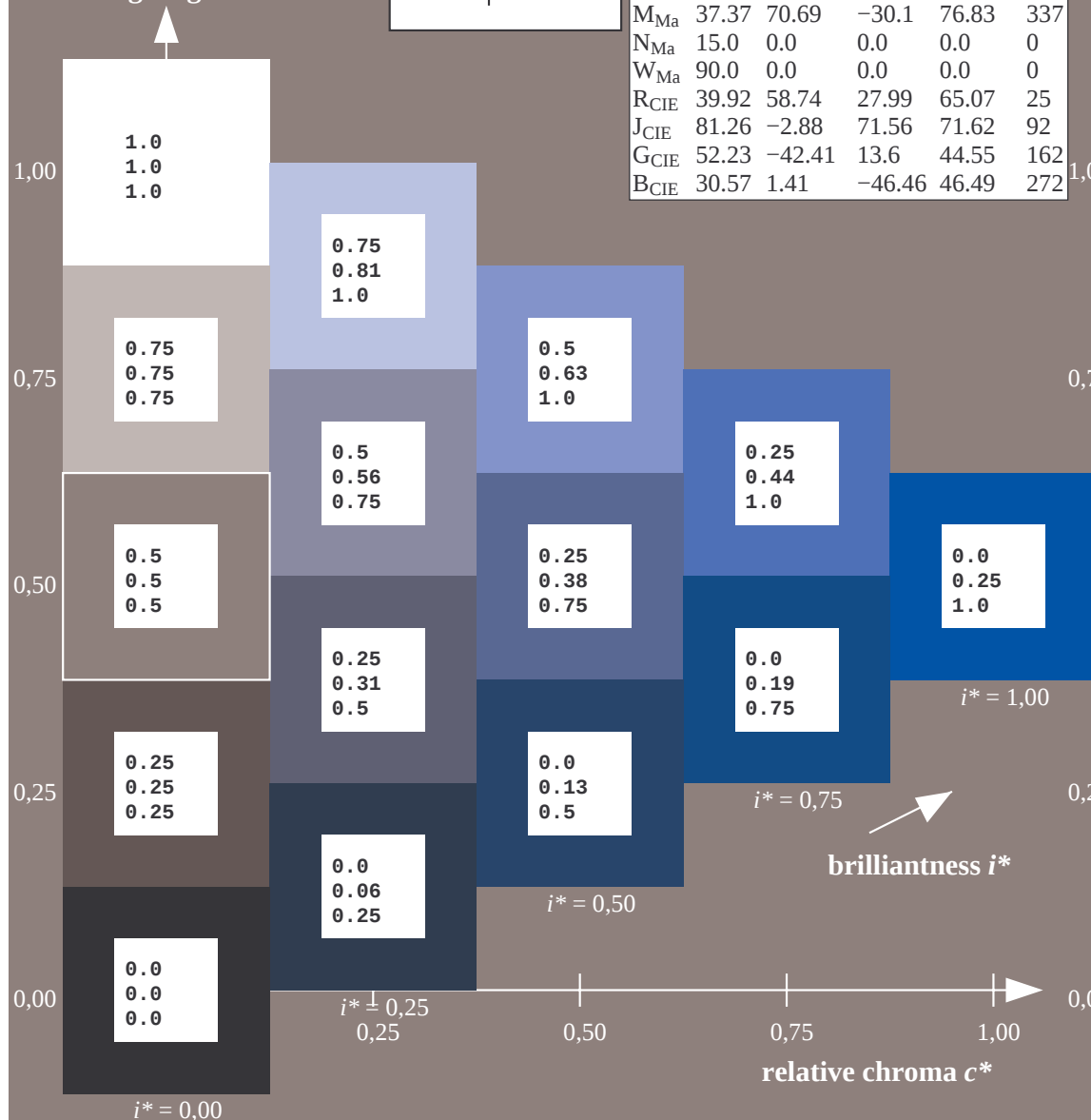
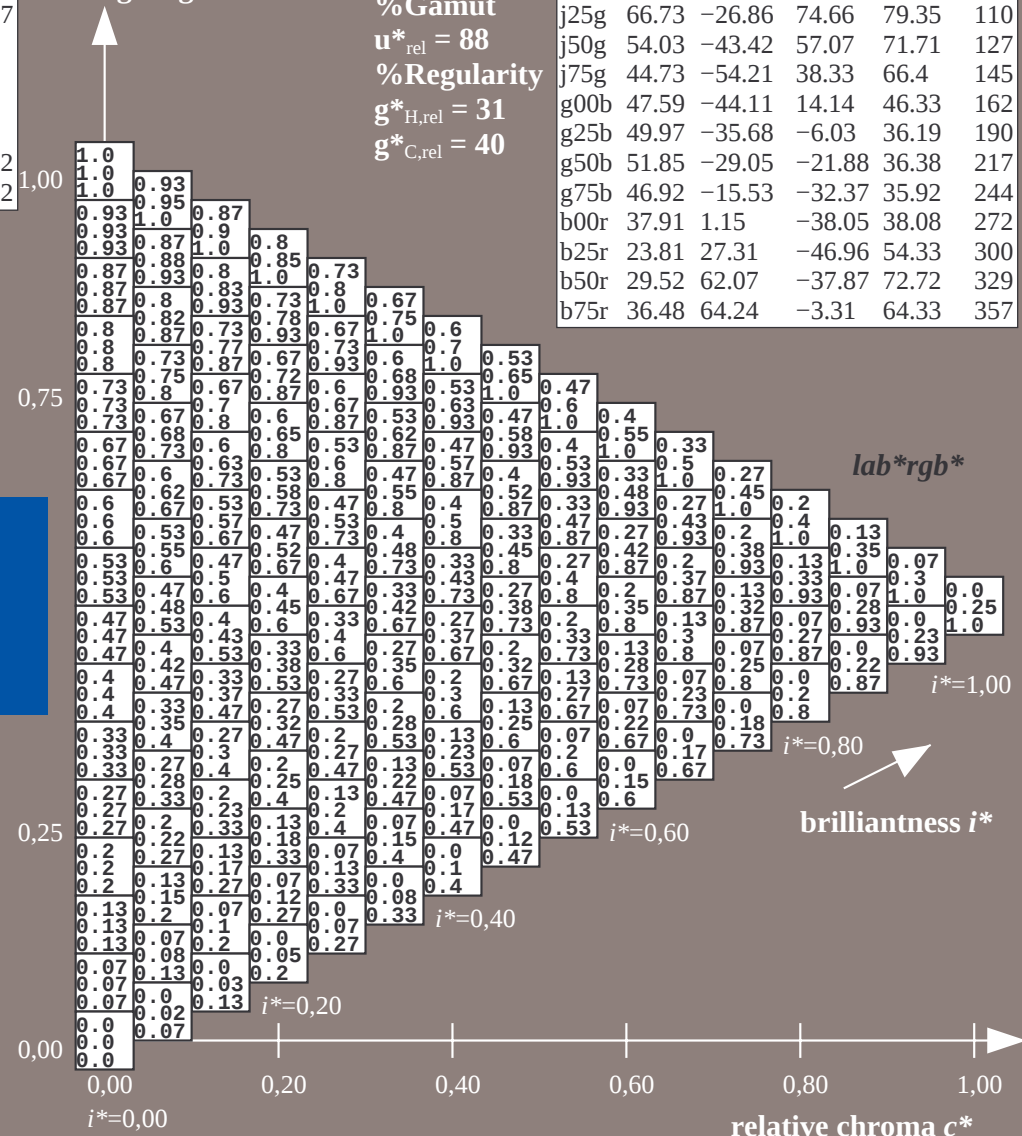
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

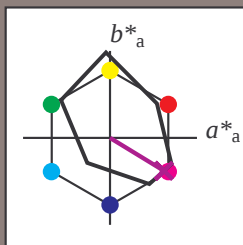


triangle lightness t^* 

FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

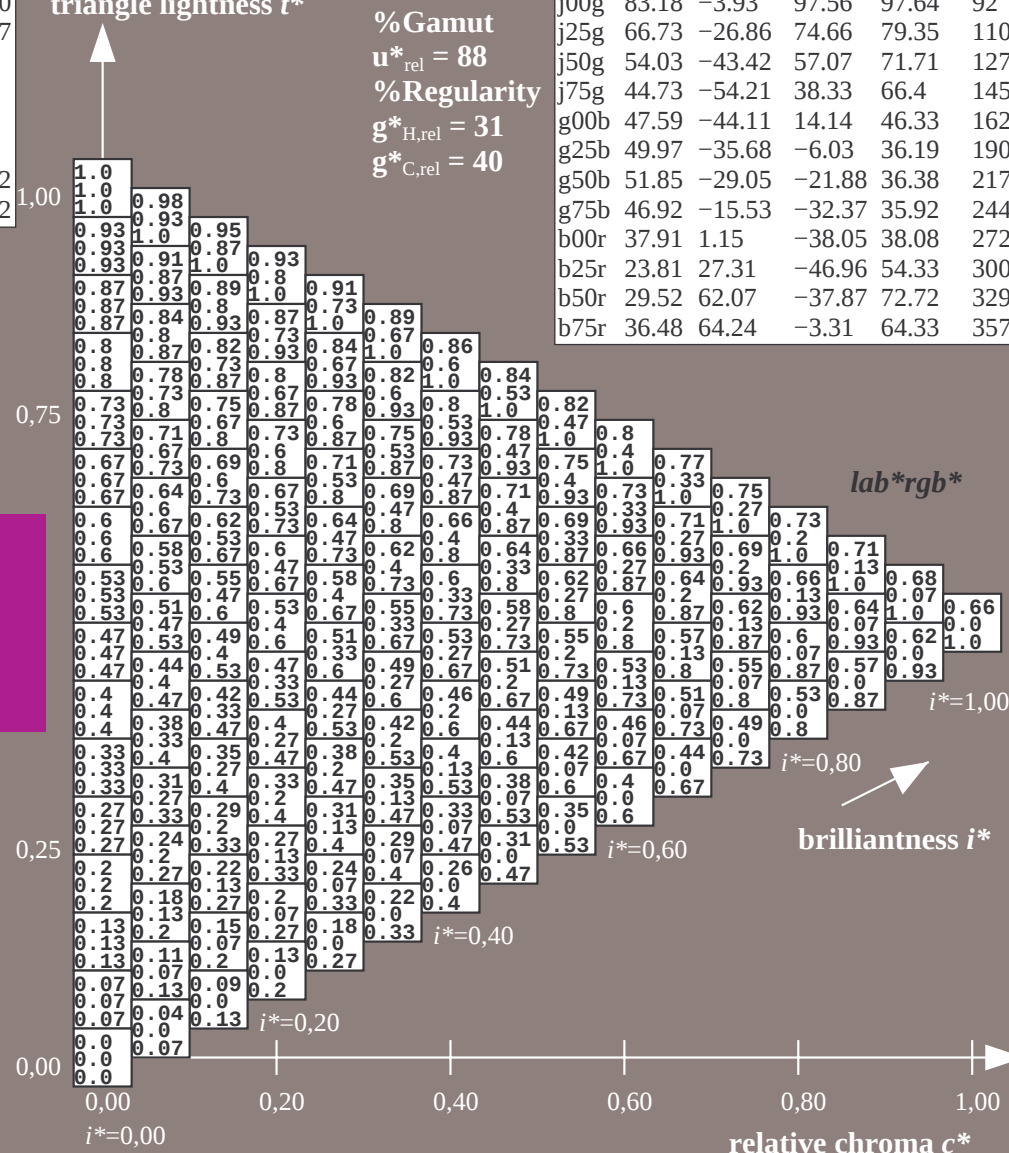
triangle lightness t^*


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


triangle lightness t^* 

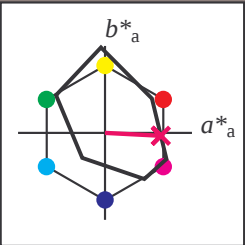
FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

triangle lightness t^*



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b75r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



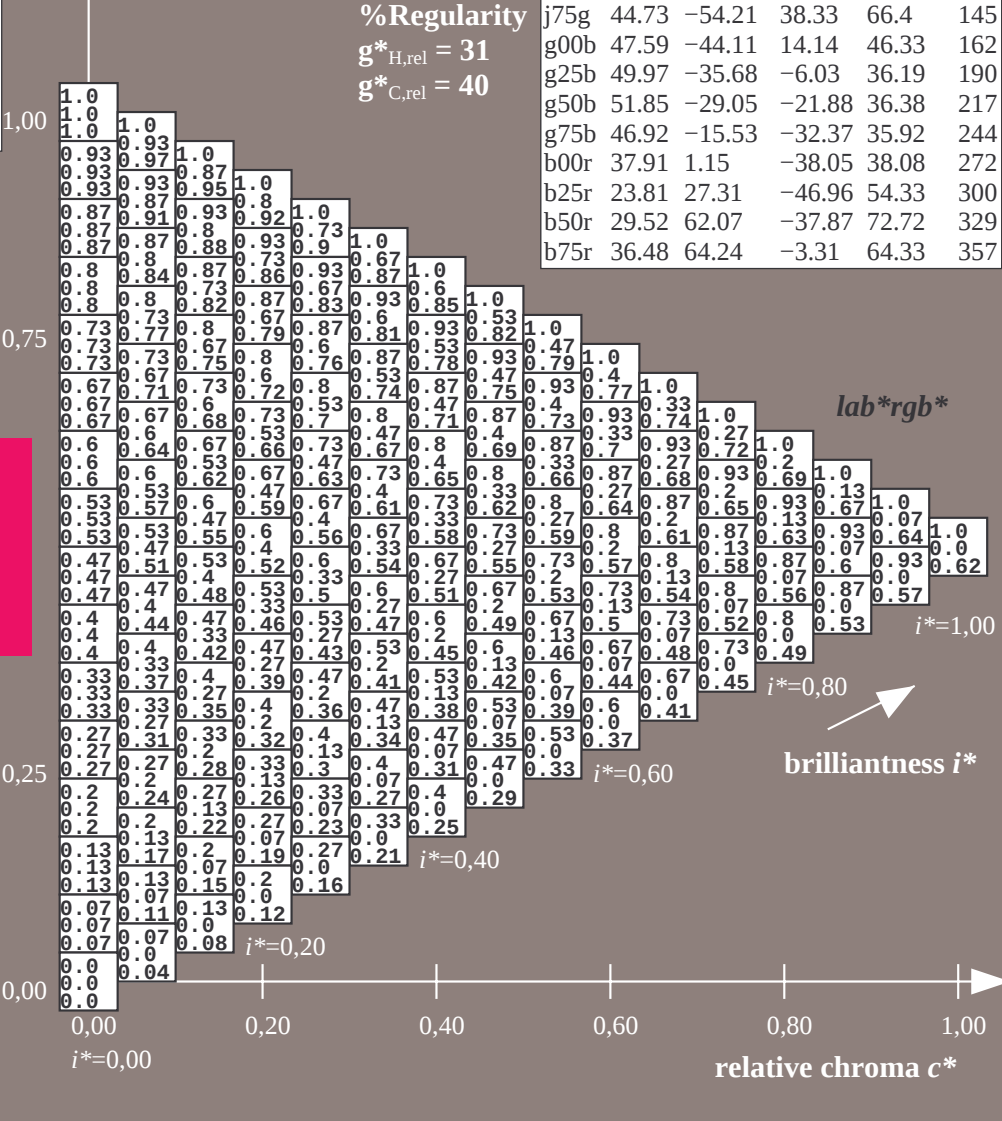
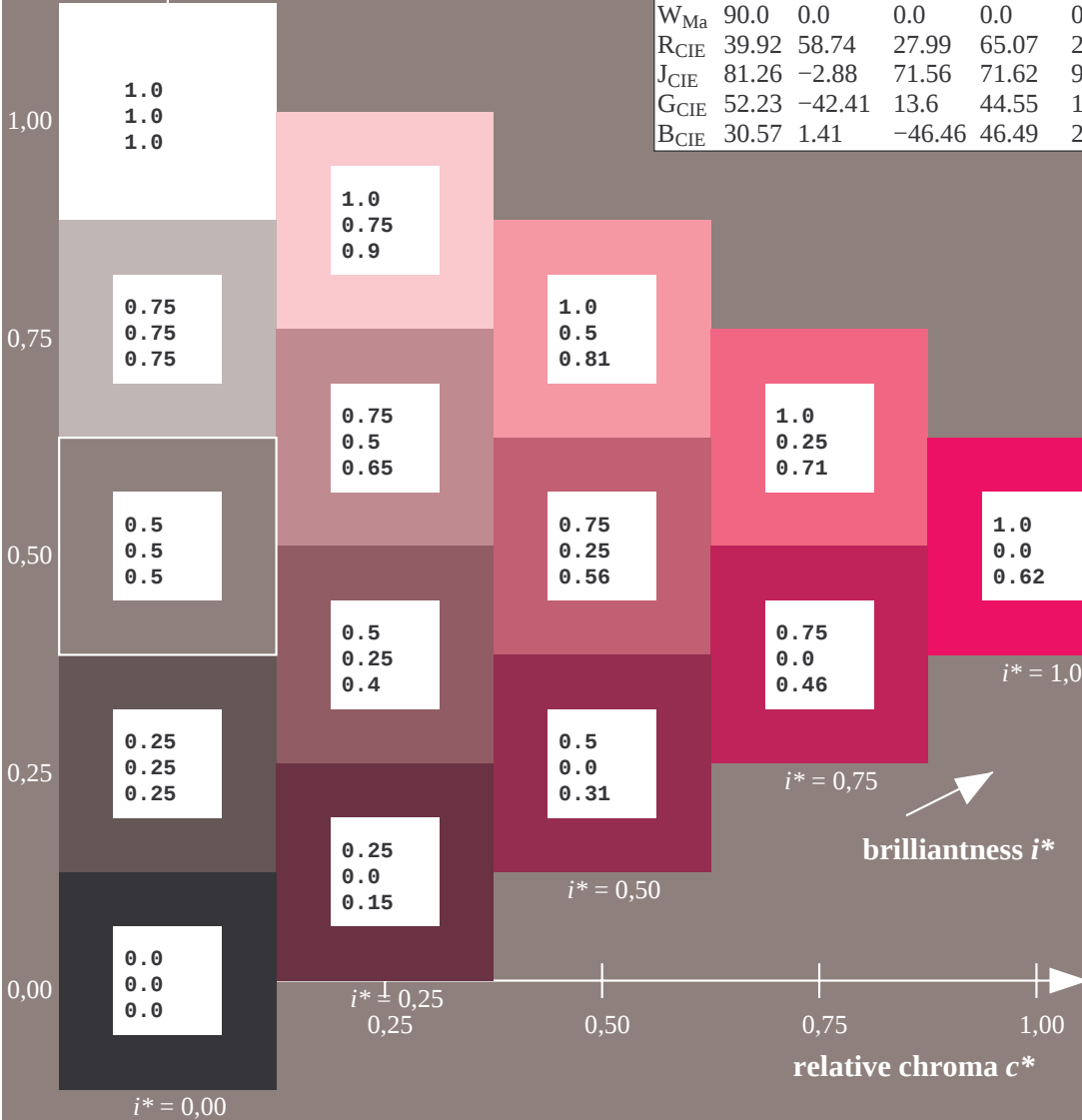
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 36 64 -2
 $LAB^*LCH^*_{Ma}$: 36 64 357
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.62

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

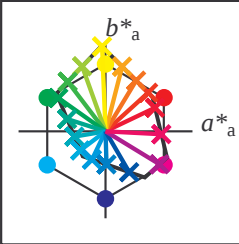
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



[illegible]

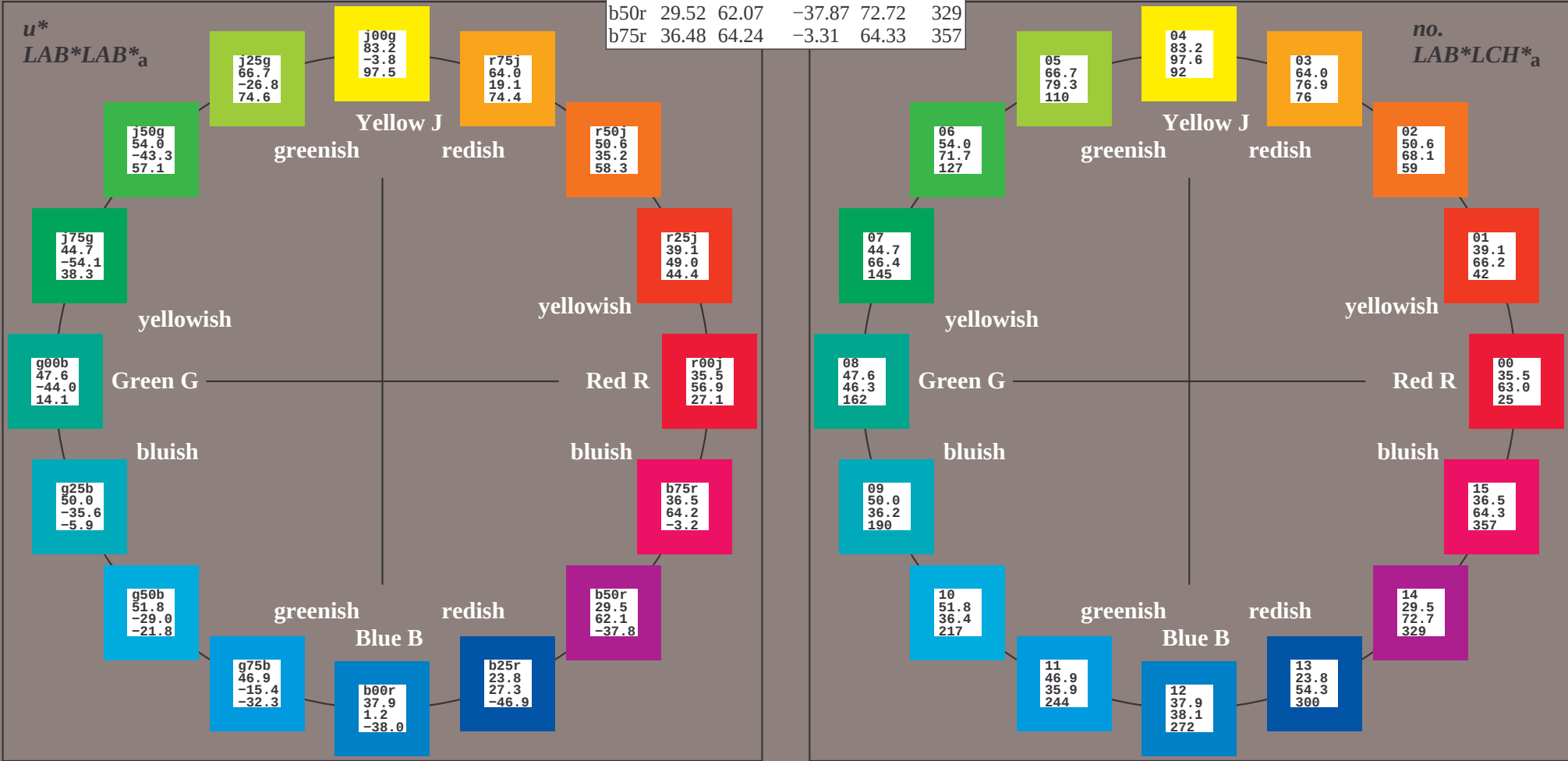
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
c_R = 0.9

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



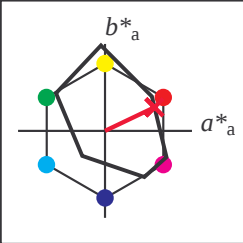
% Gamut
 $u^*_{rel} = 88$
% Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r00j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



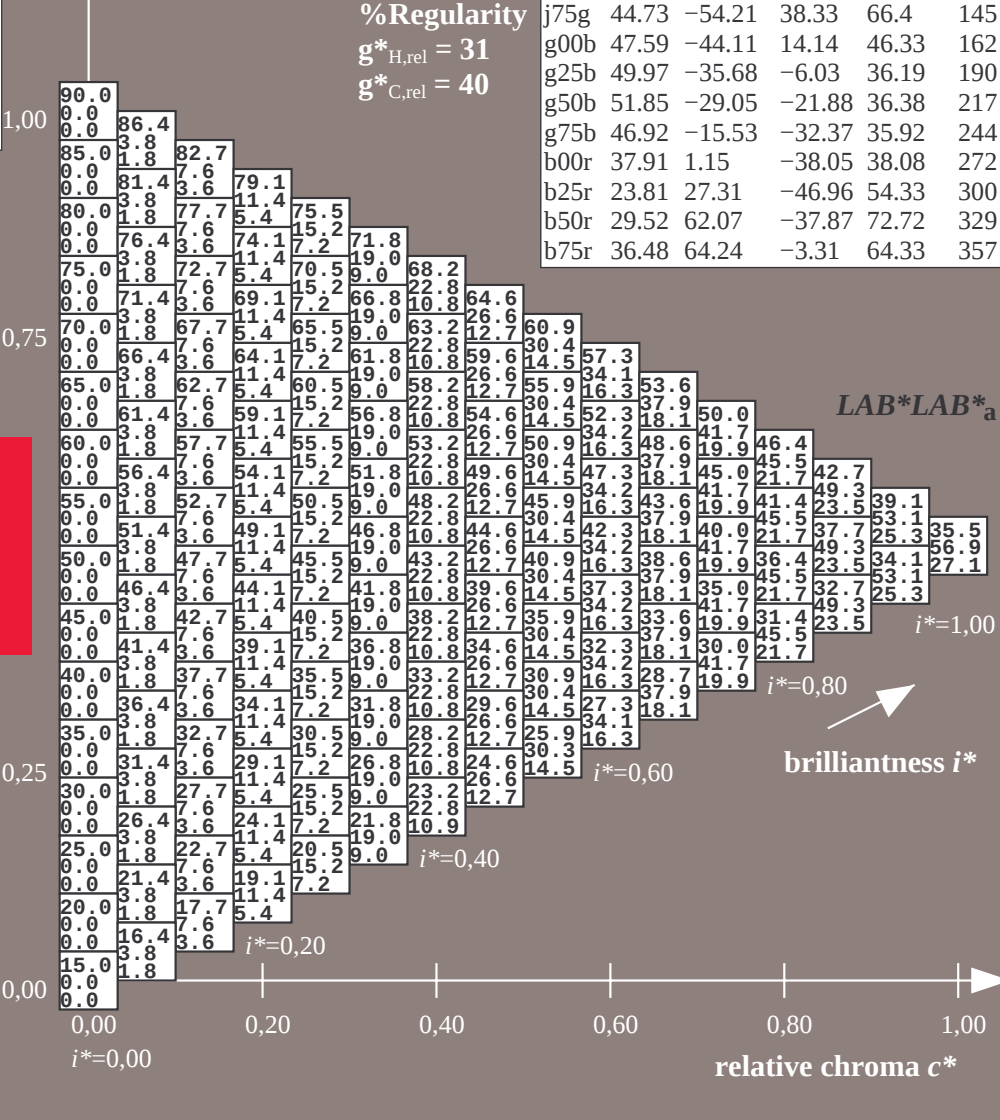
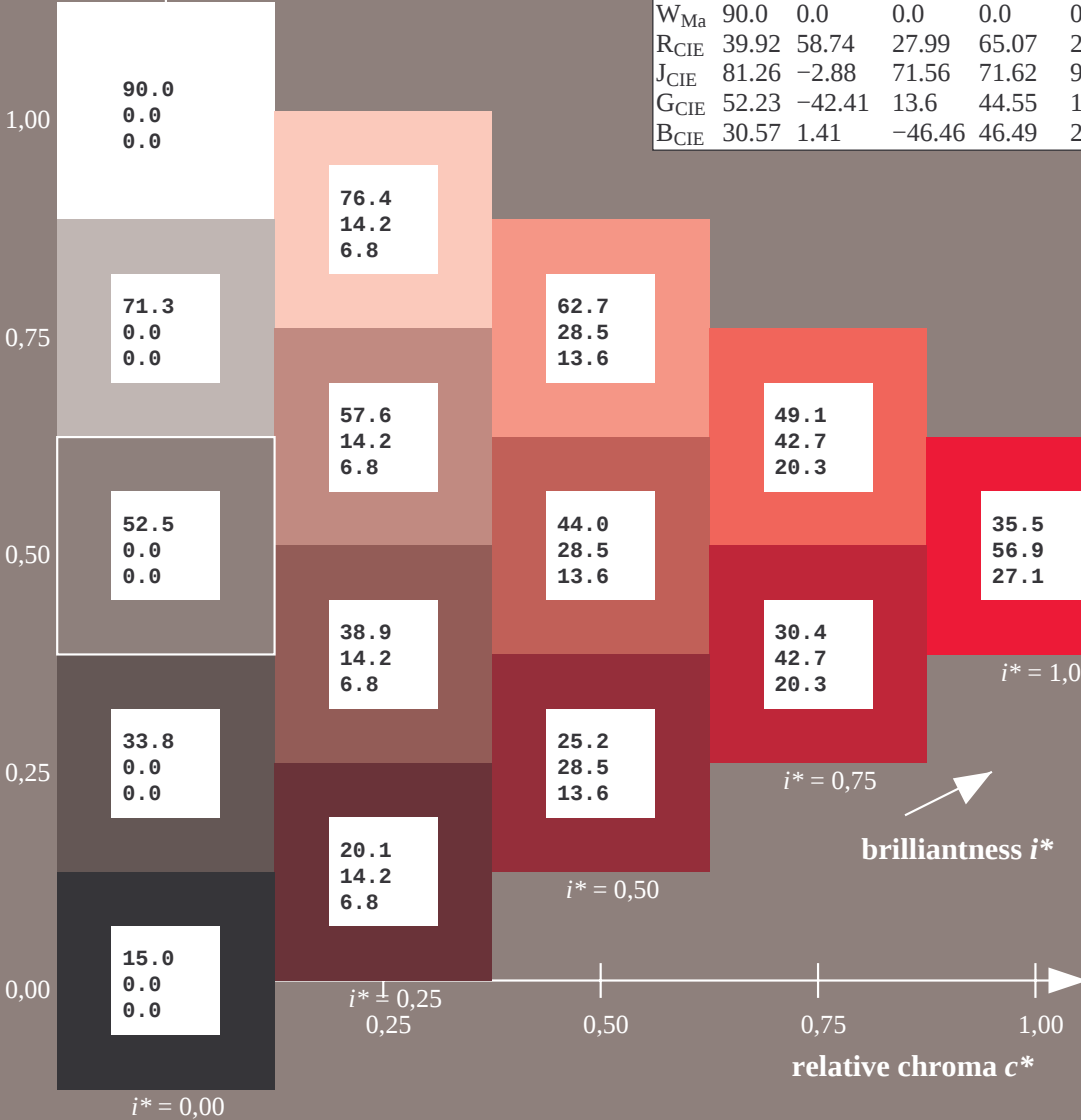
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 35 57 27
 $LAB^*LCH^*_{Ma}$: 35 63 25
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.18

triangle lightness t^*

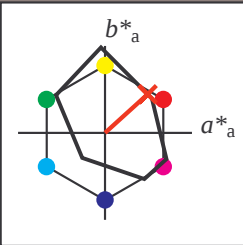
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r25j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



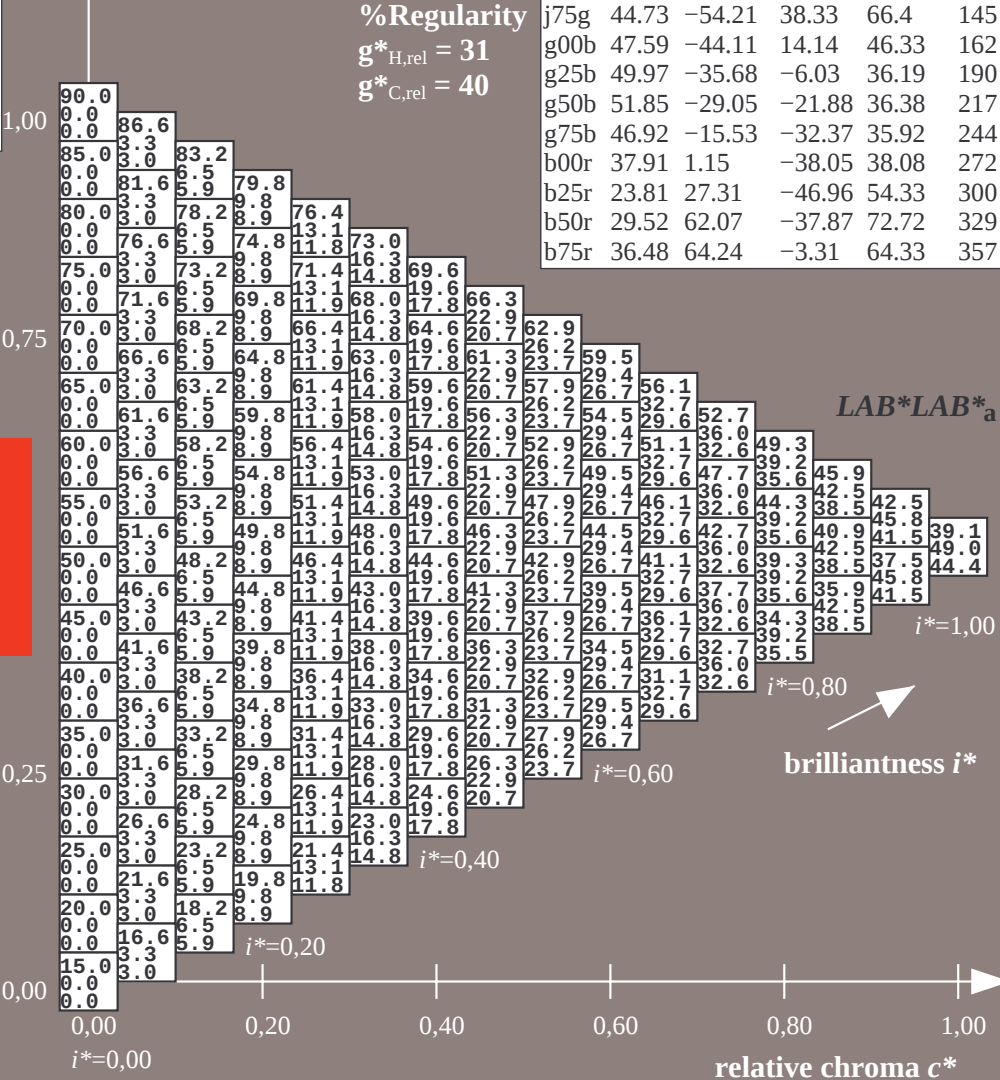
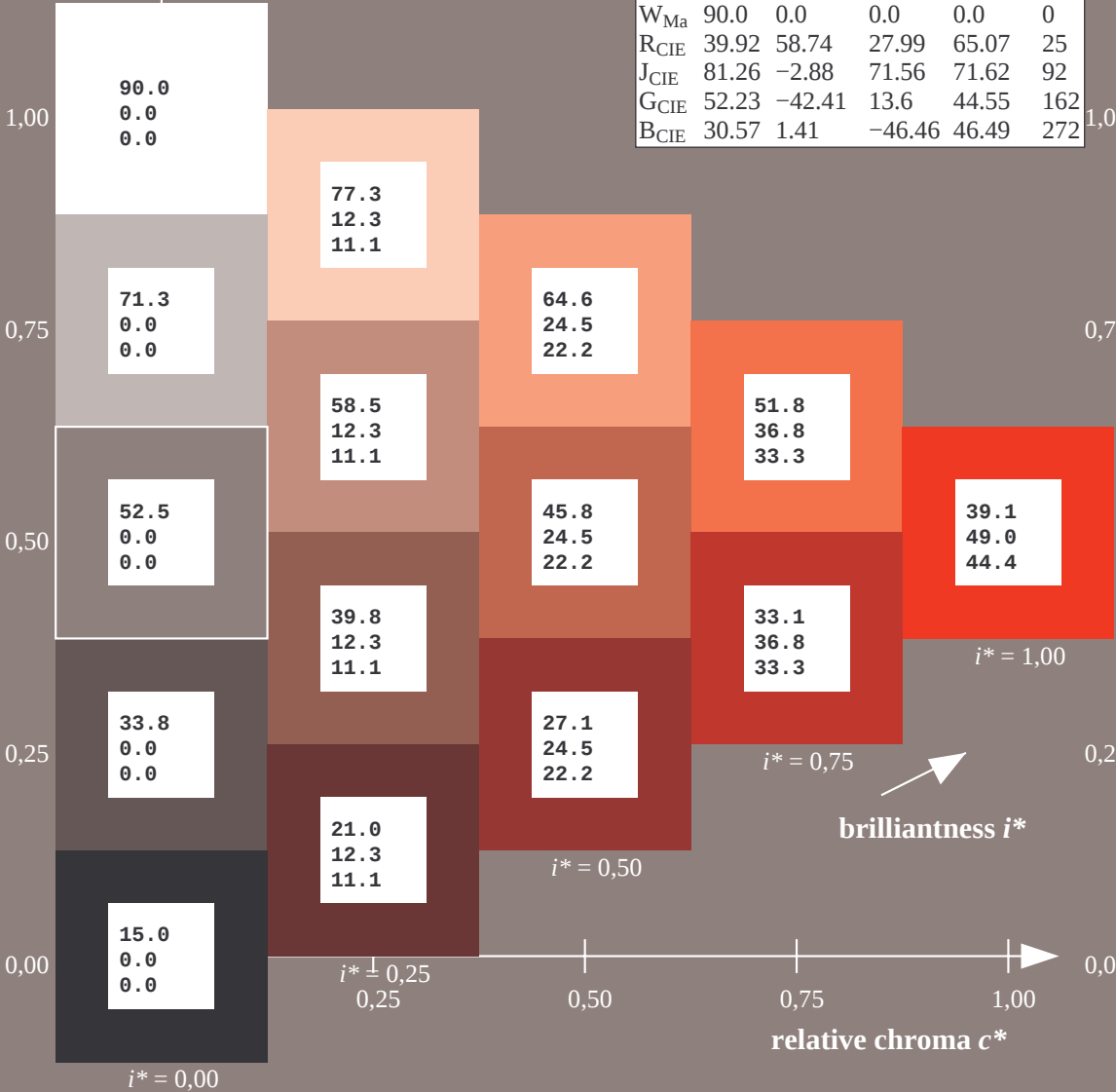
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

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

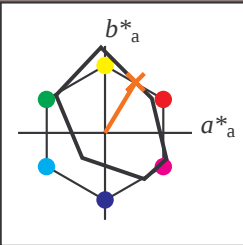
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r50j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

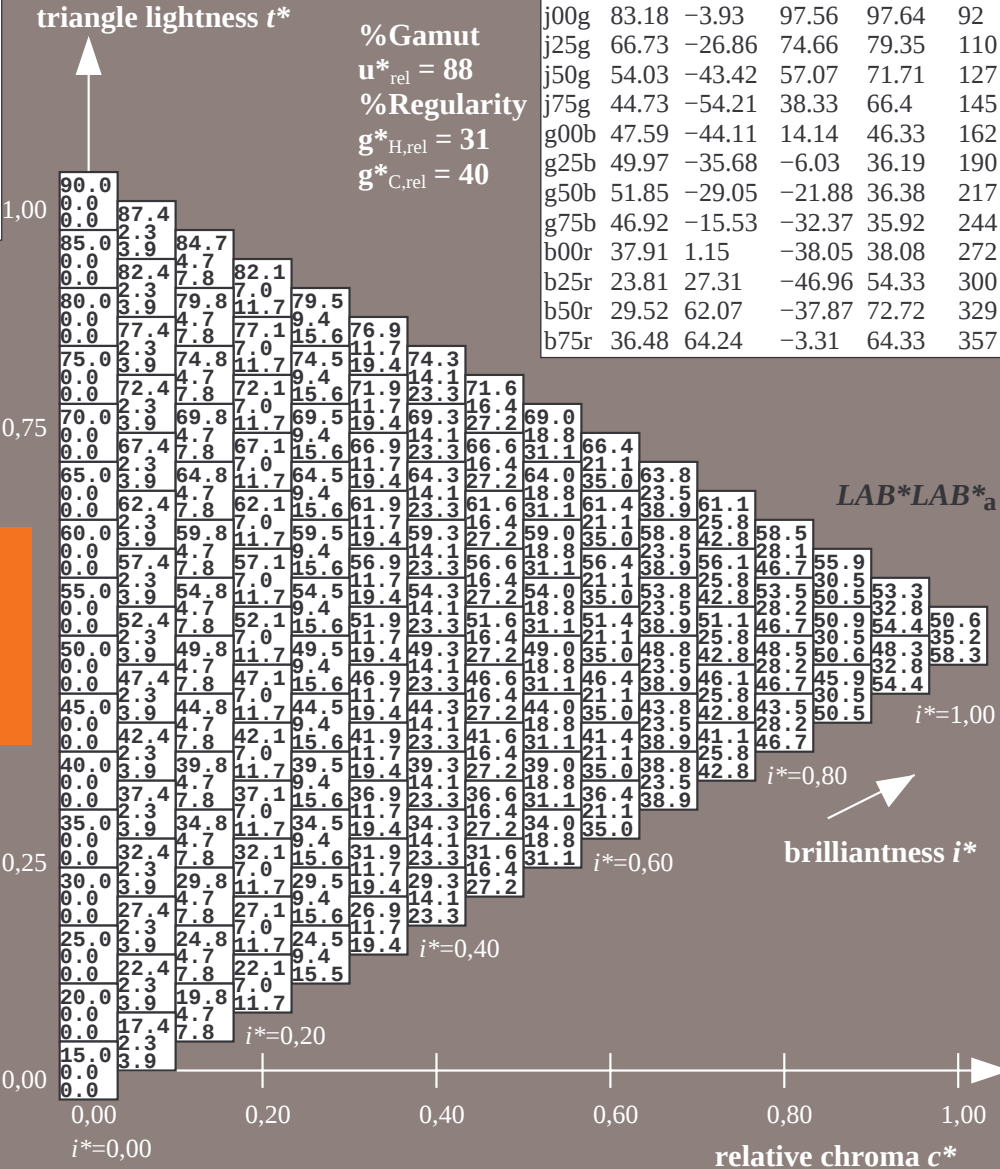
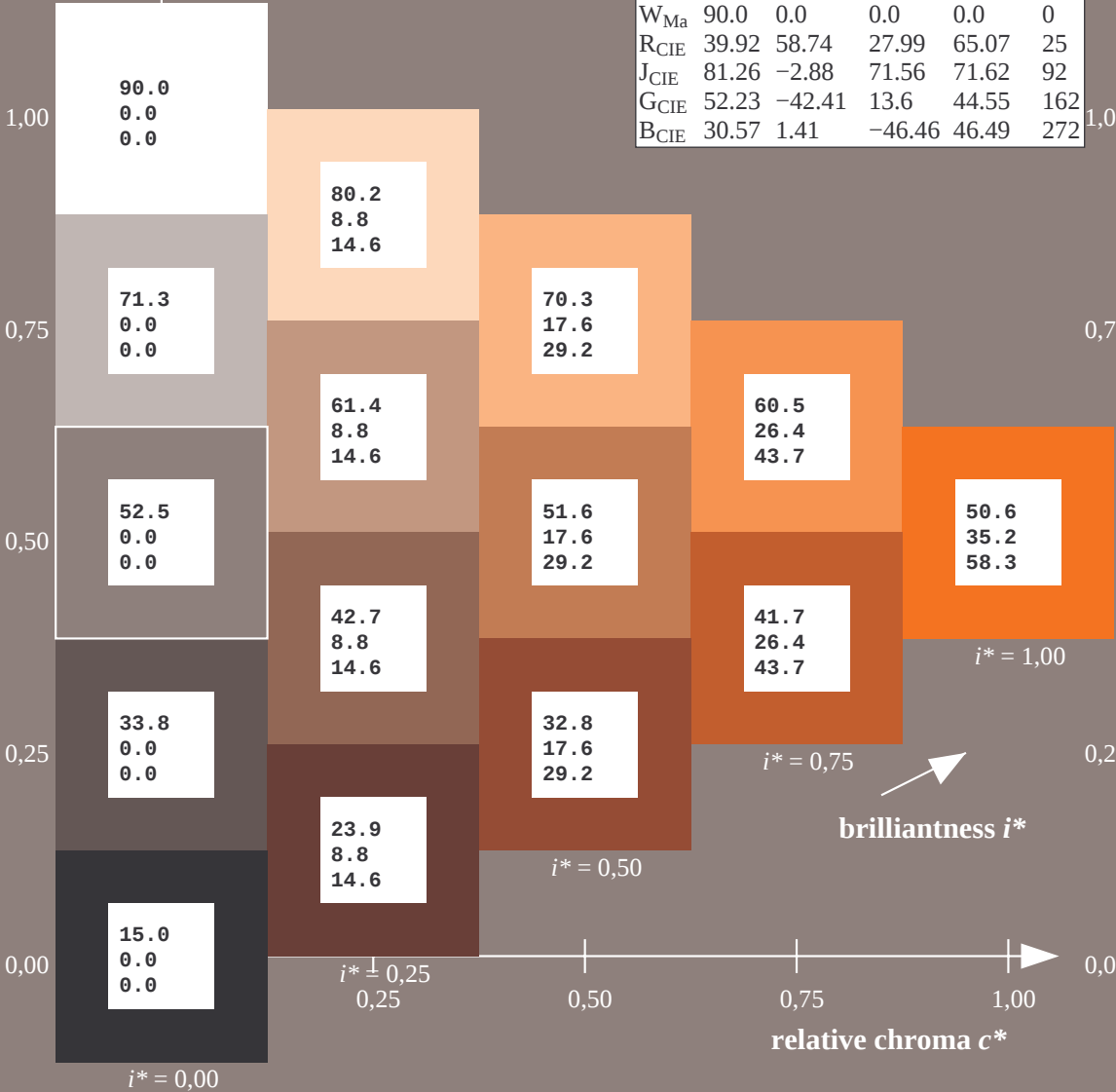


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 51 35 58
 $LAB^*LCH^*_{Ma}$: 51 68 59
 $lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.32 0.0

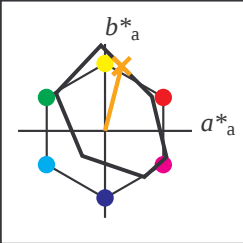
$u^* = r50j$
 $LAB^*LAB^*_a$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r75j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

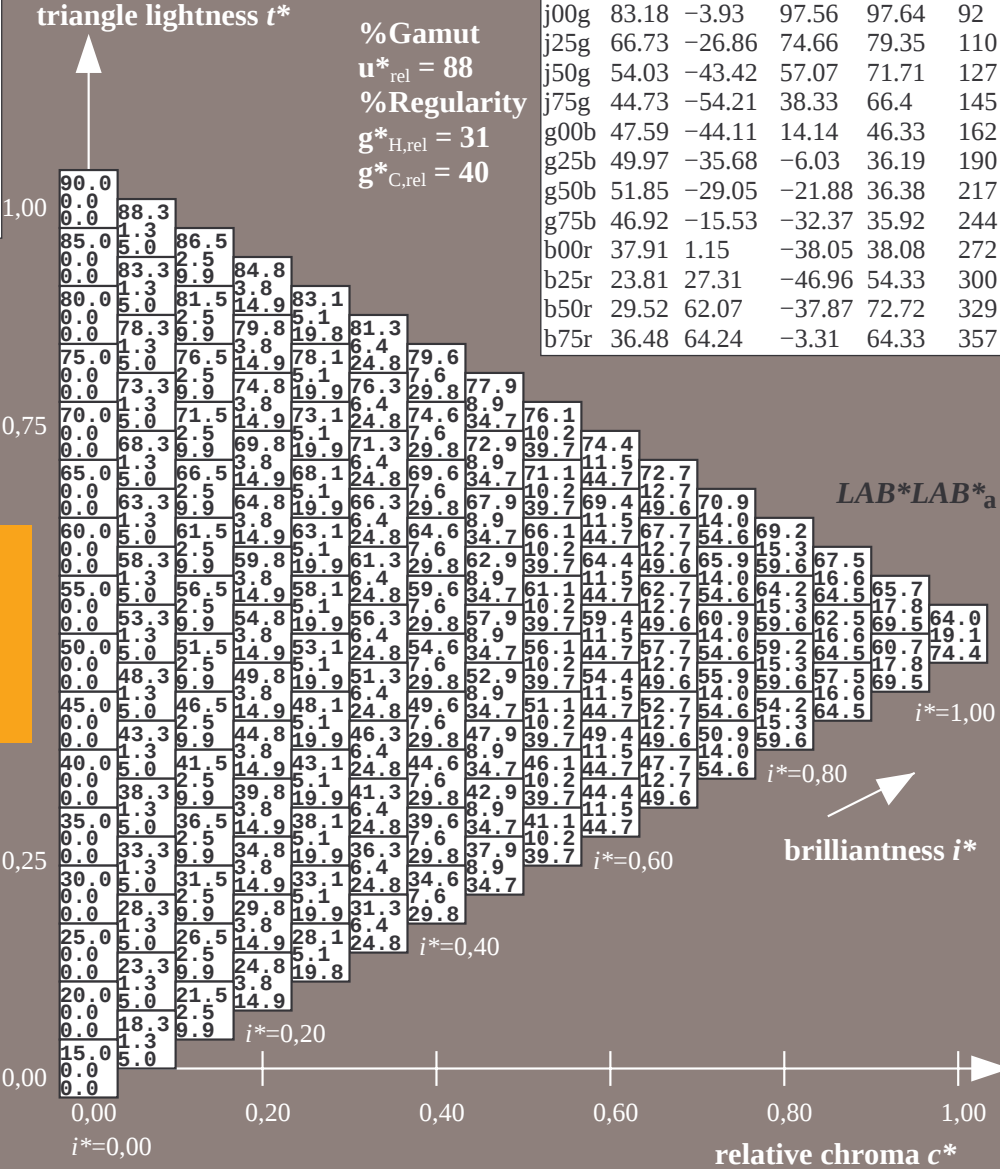
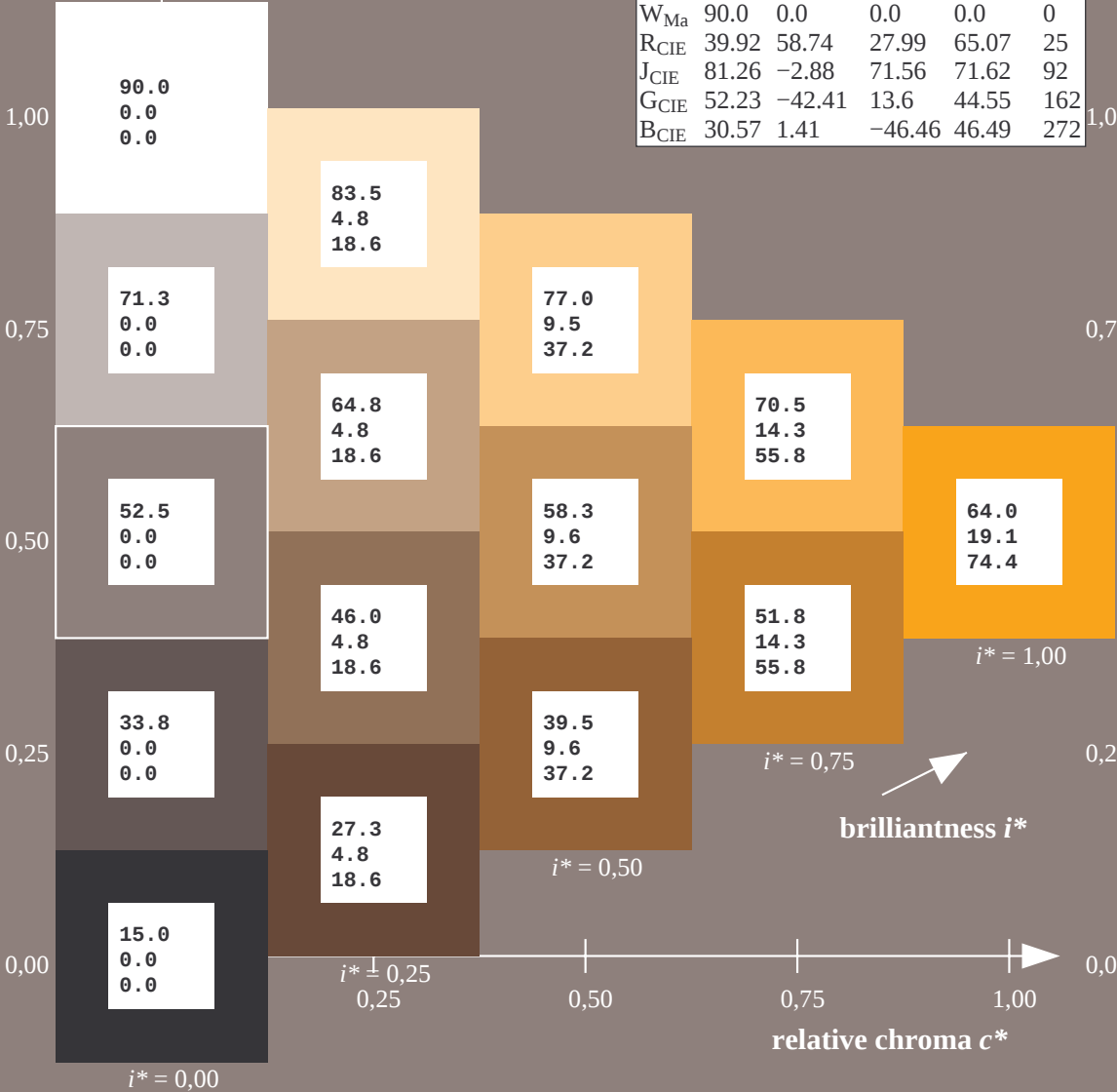


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

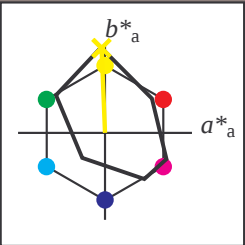
$u^* = r75j$
 $LAB^*LAB^*_a$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j00g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98

$LAB^*LCH^*_{Ma}$: 83 98 92

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

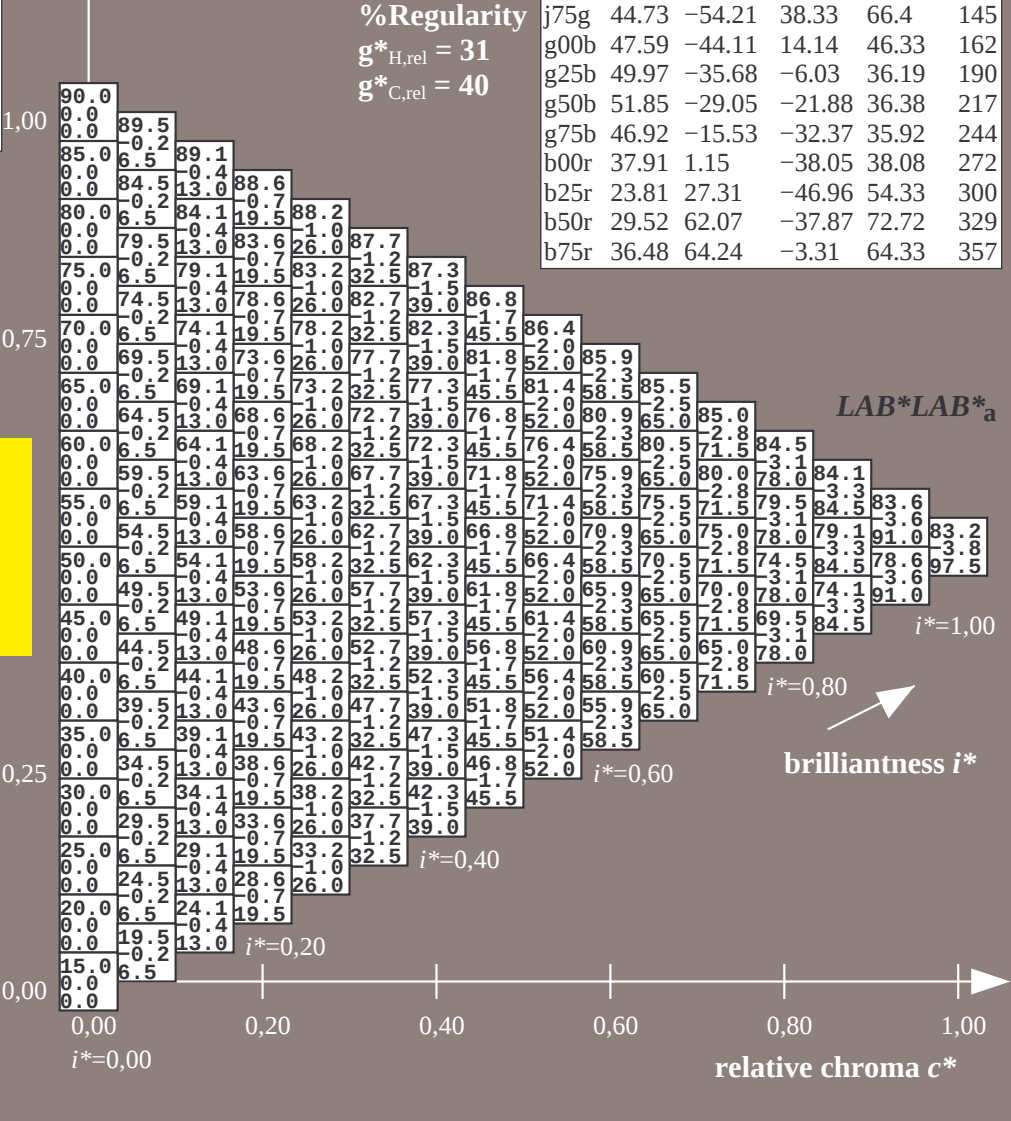
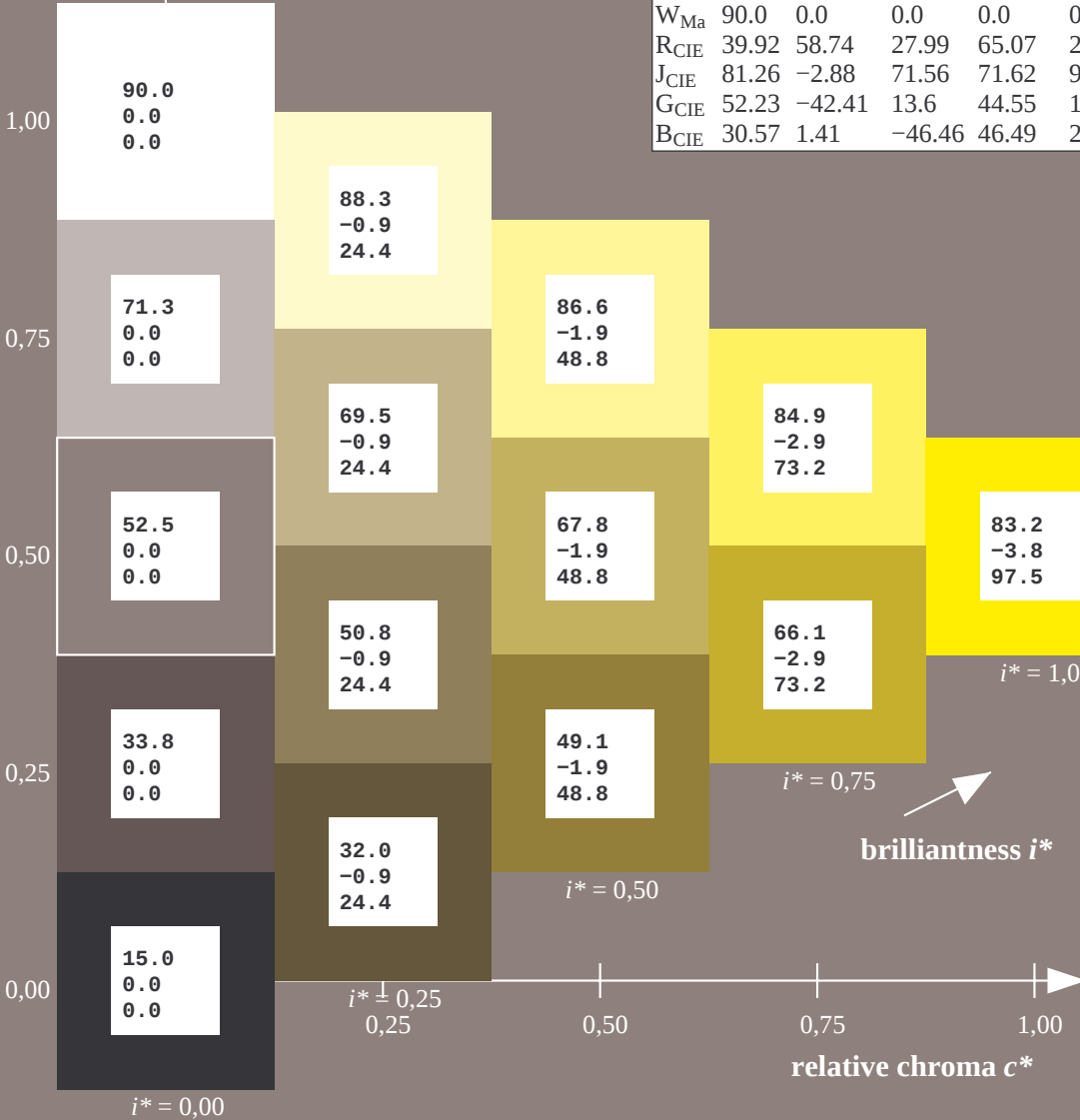
%Regularity

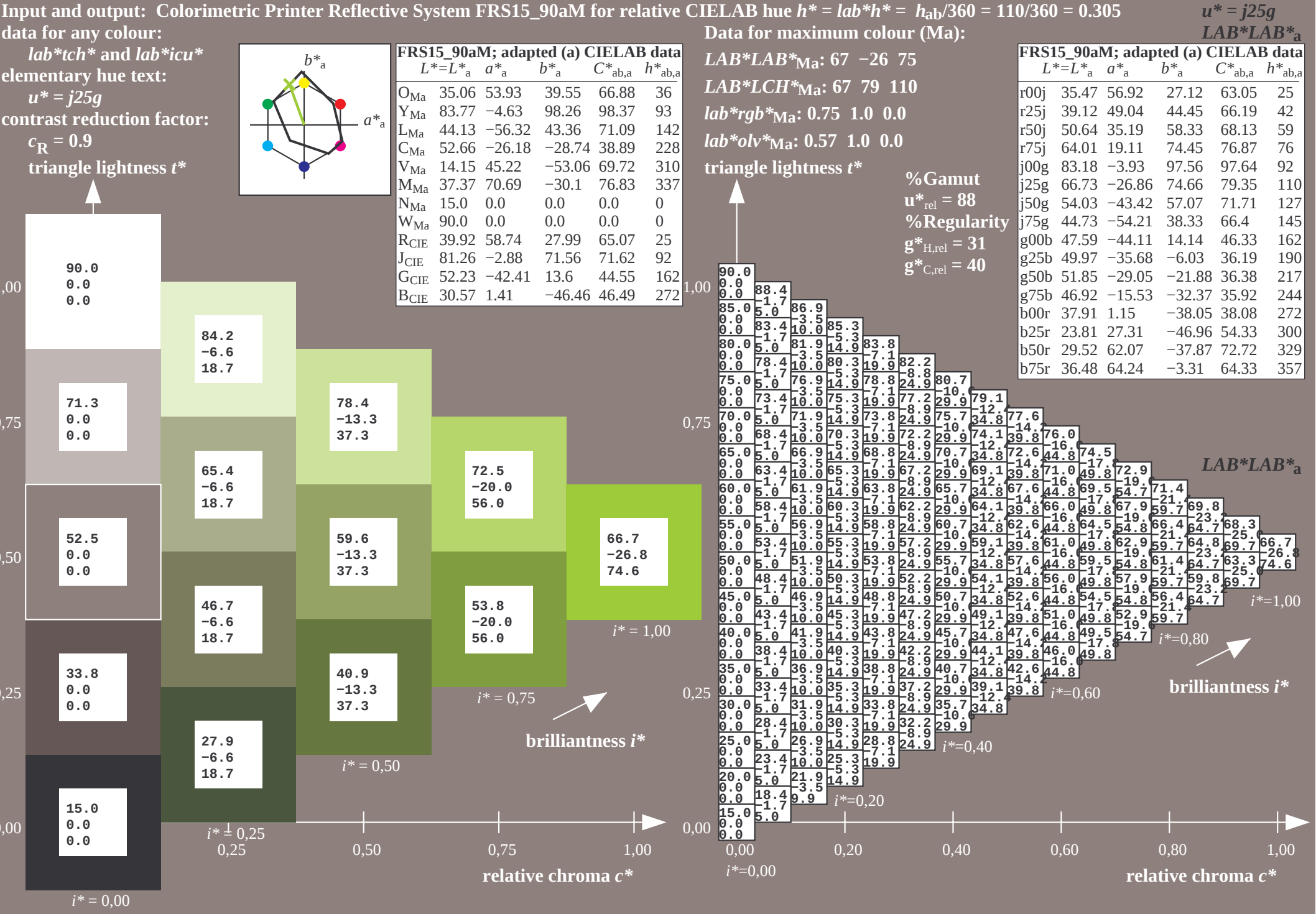
$g^*_{H,rel} = 31$

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

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

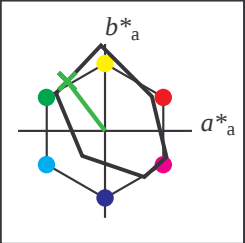
$u^* = j00g$
 $LAB^*LAB^*_a$





Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j50g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

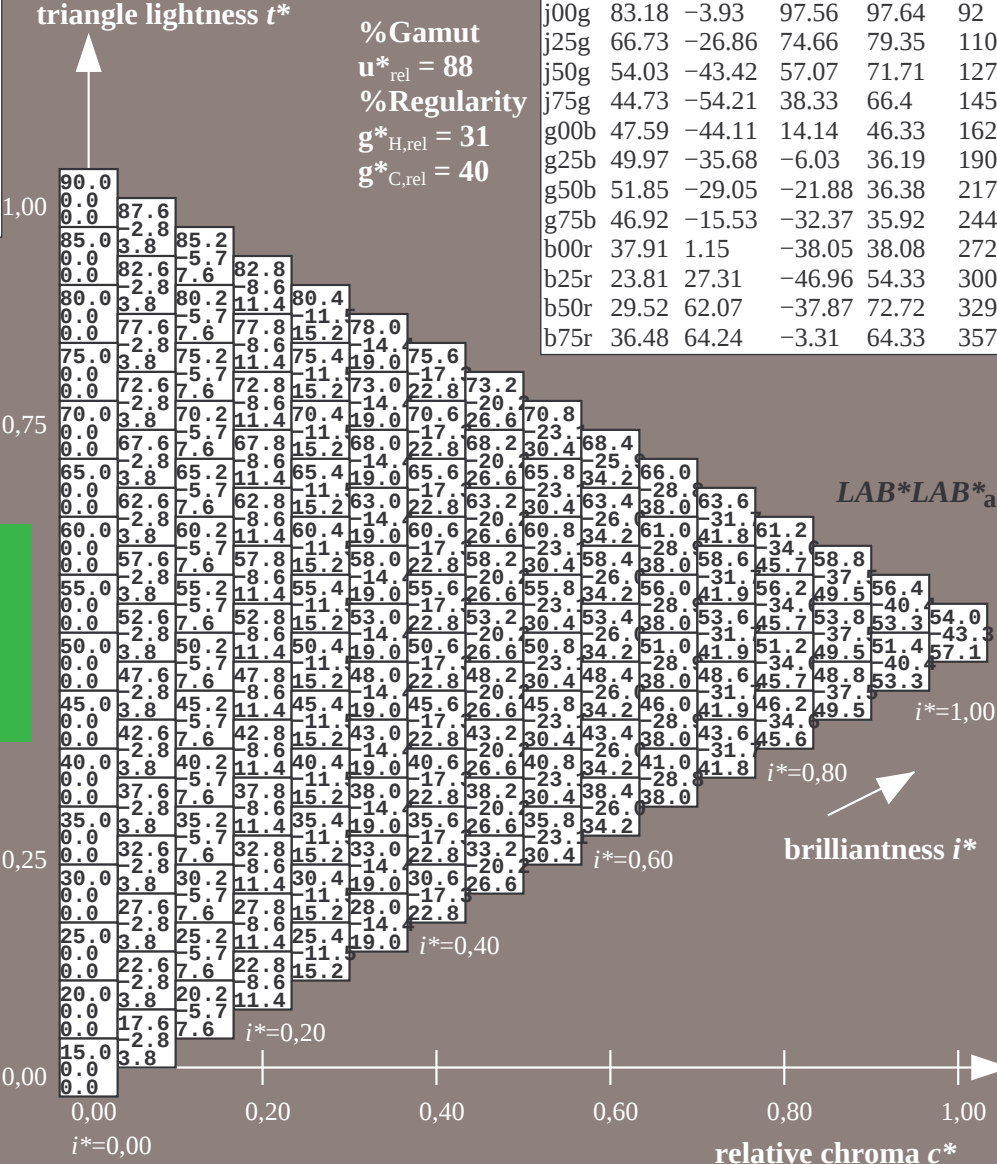
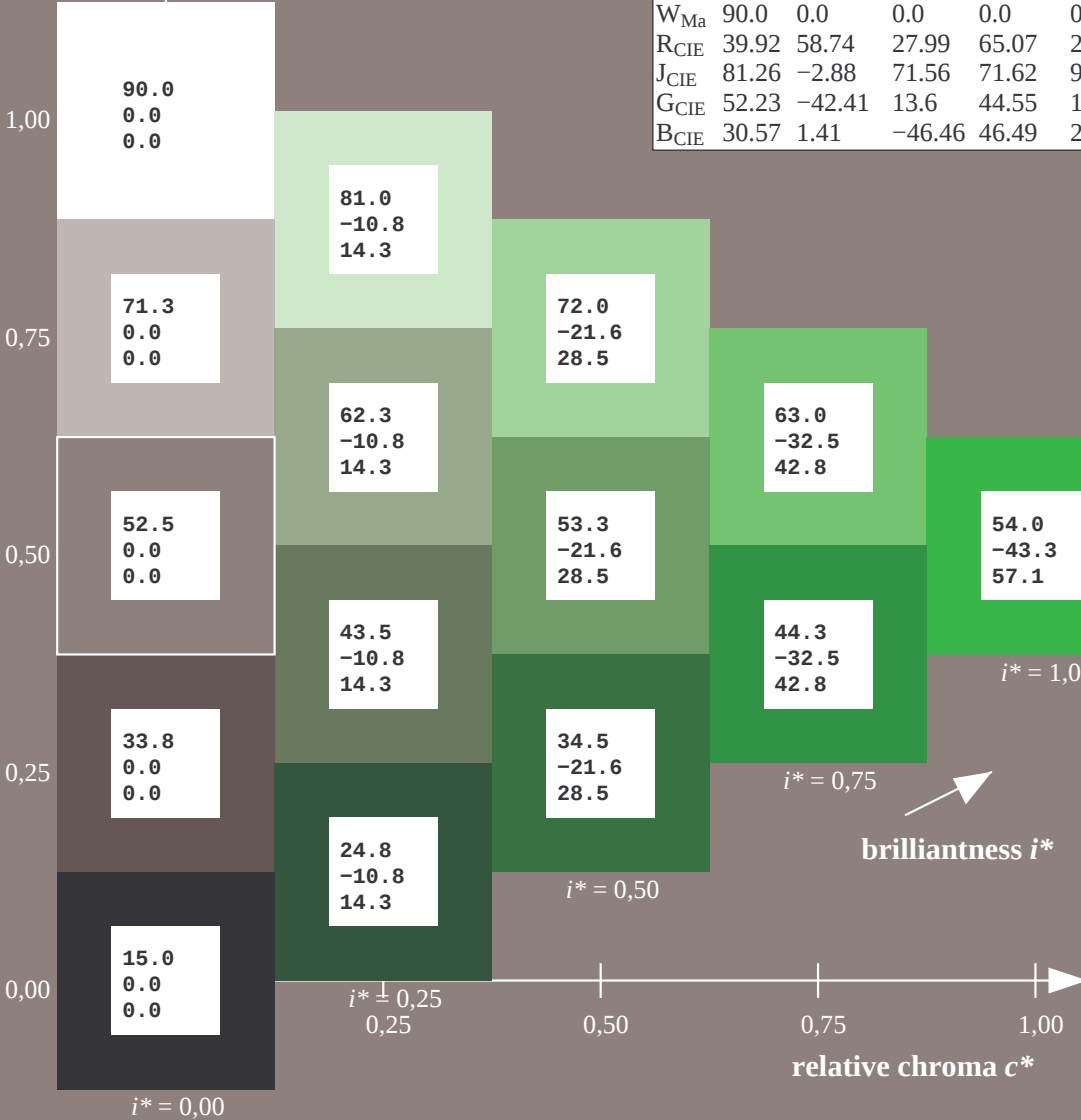


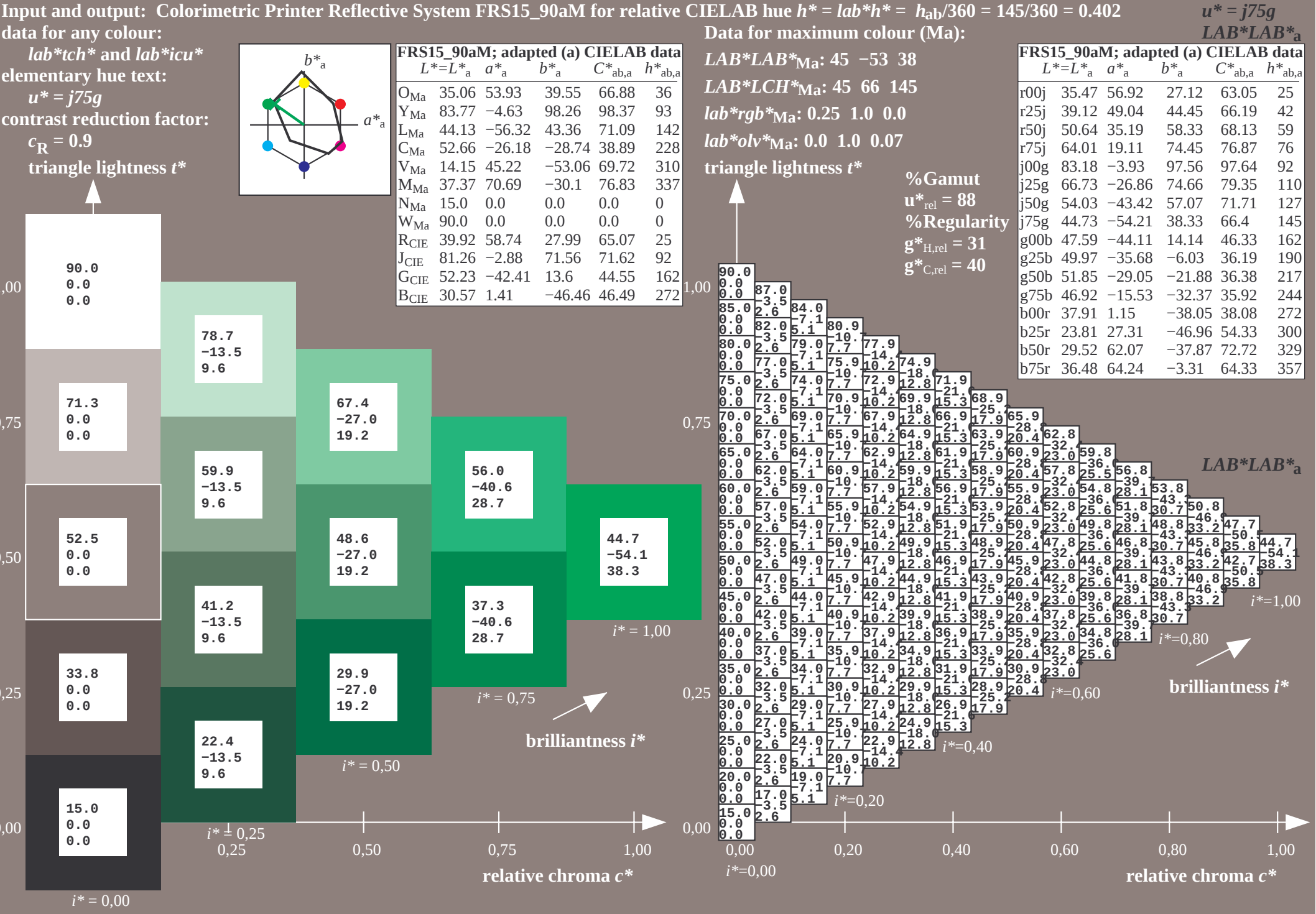
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 54 -42 57
 $LAB^*LCH^*_{Ma}$: 54 72 127
 $lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$u^* = j50g$
 $LAB^*LAB^*_a$

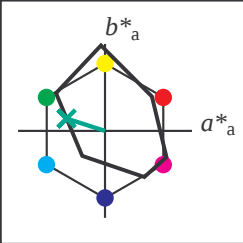
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357





Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g00b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

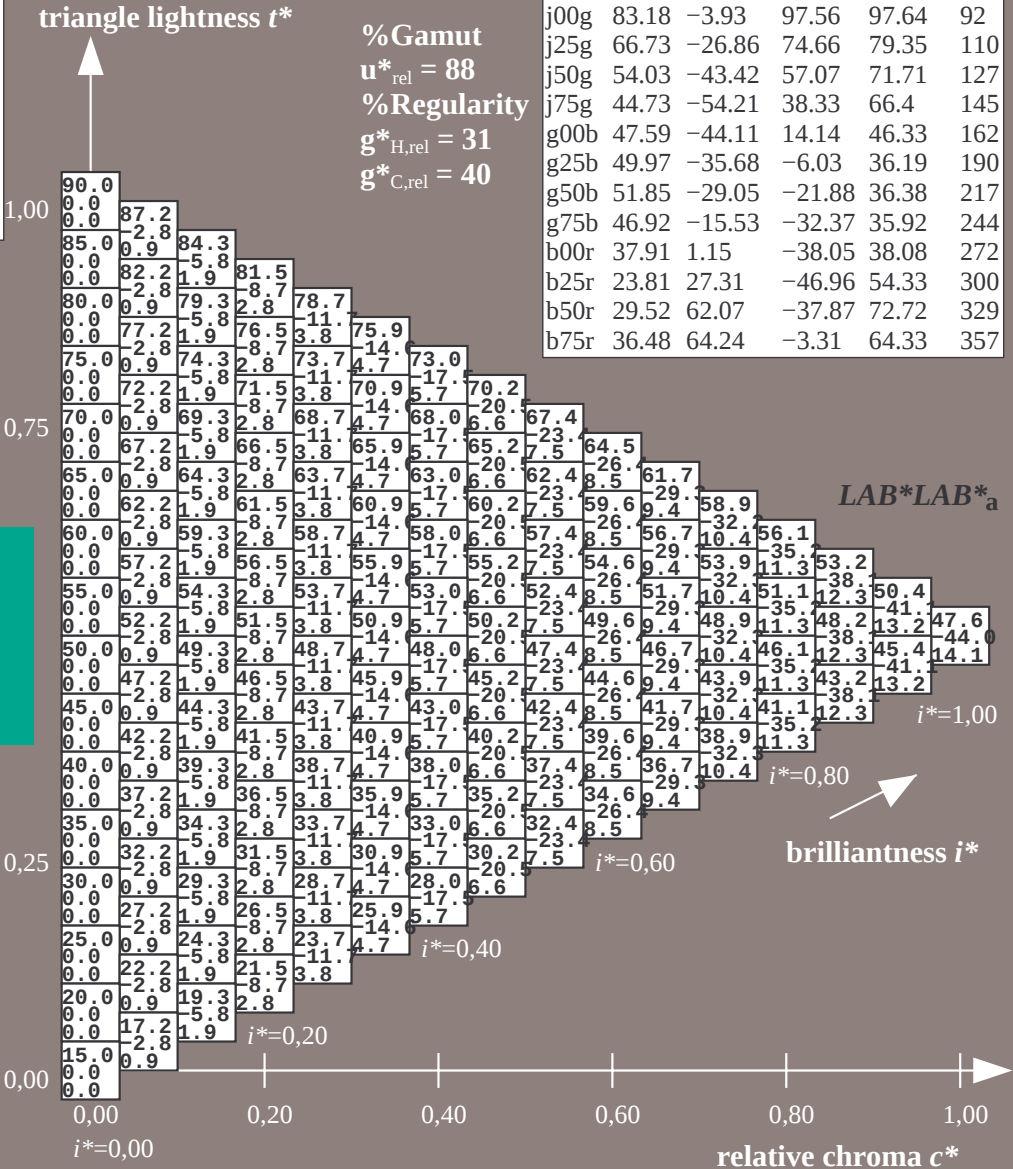
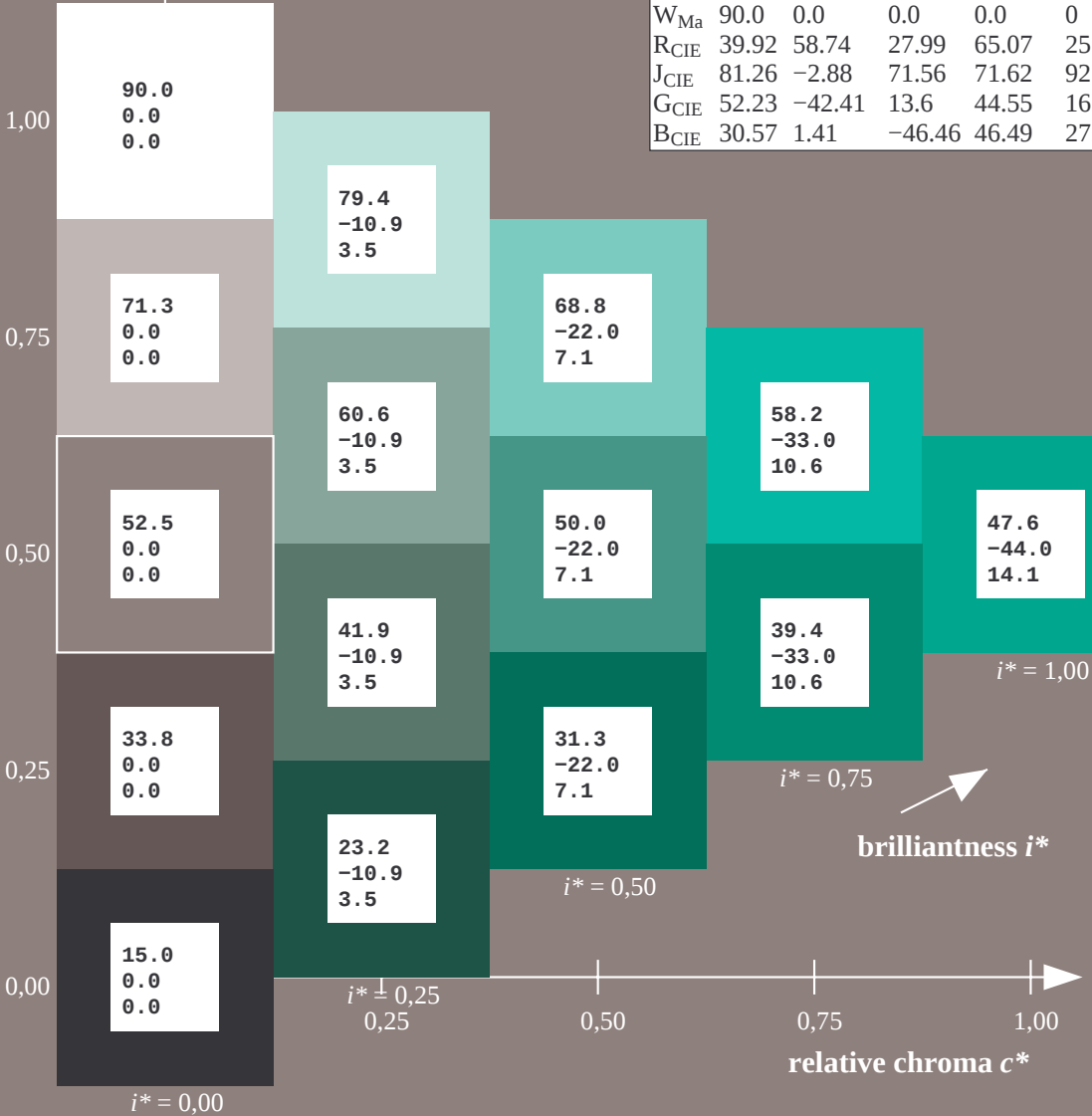


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 48 -43 14
 $LAB^*LCH^*_{Ma}$: 48 46 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.41

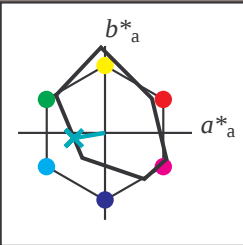
$u^* = g00b$
 $LAB^*LAB^*_a$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g25b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

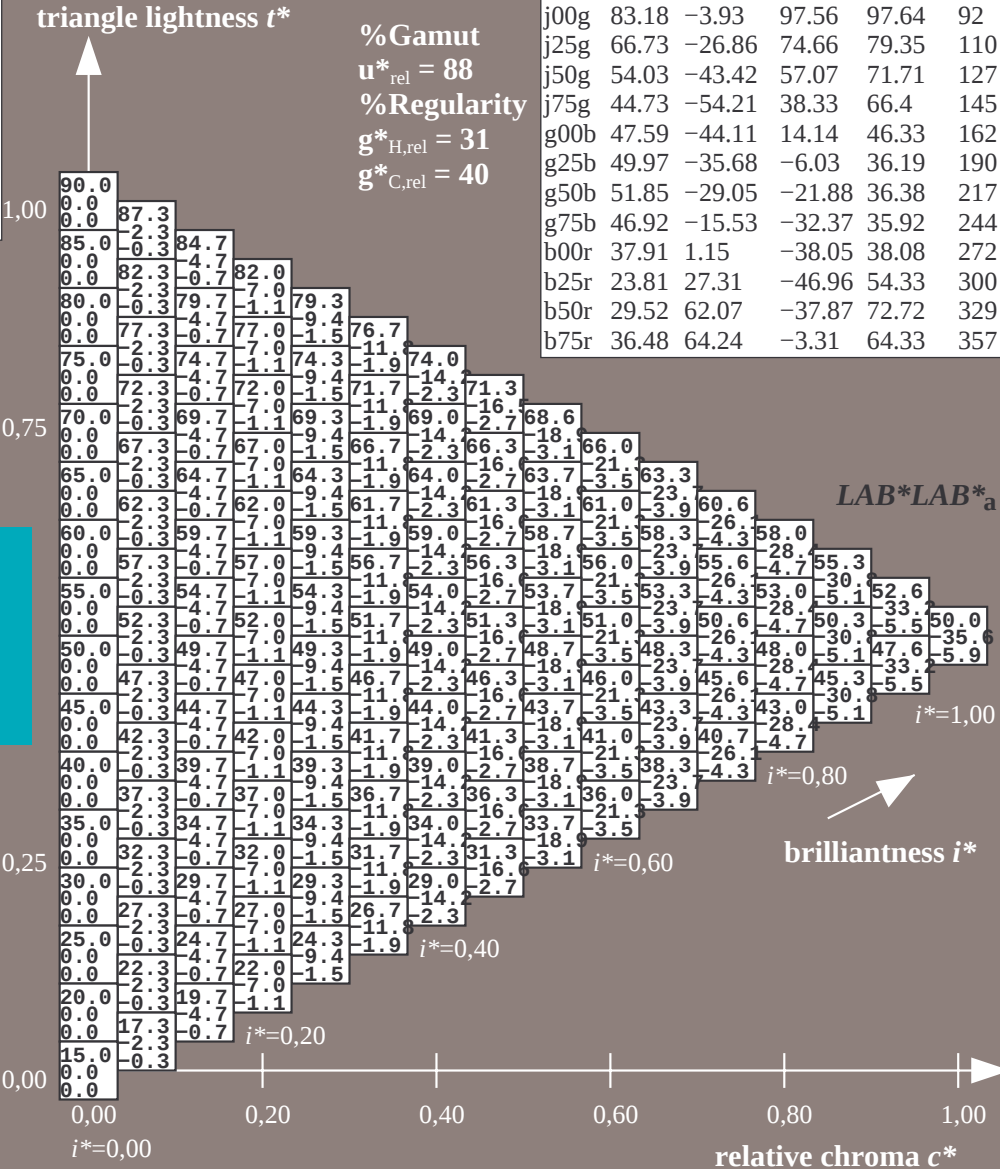
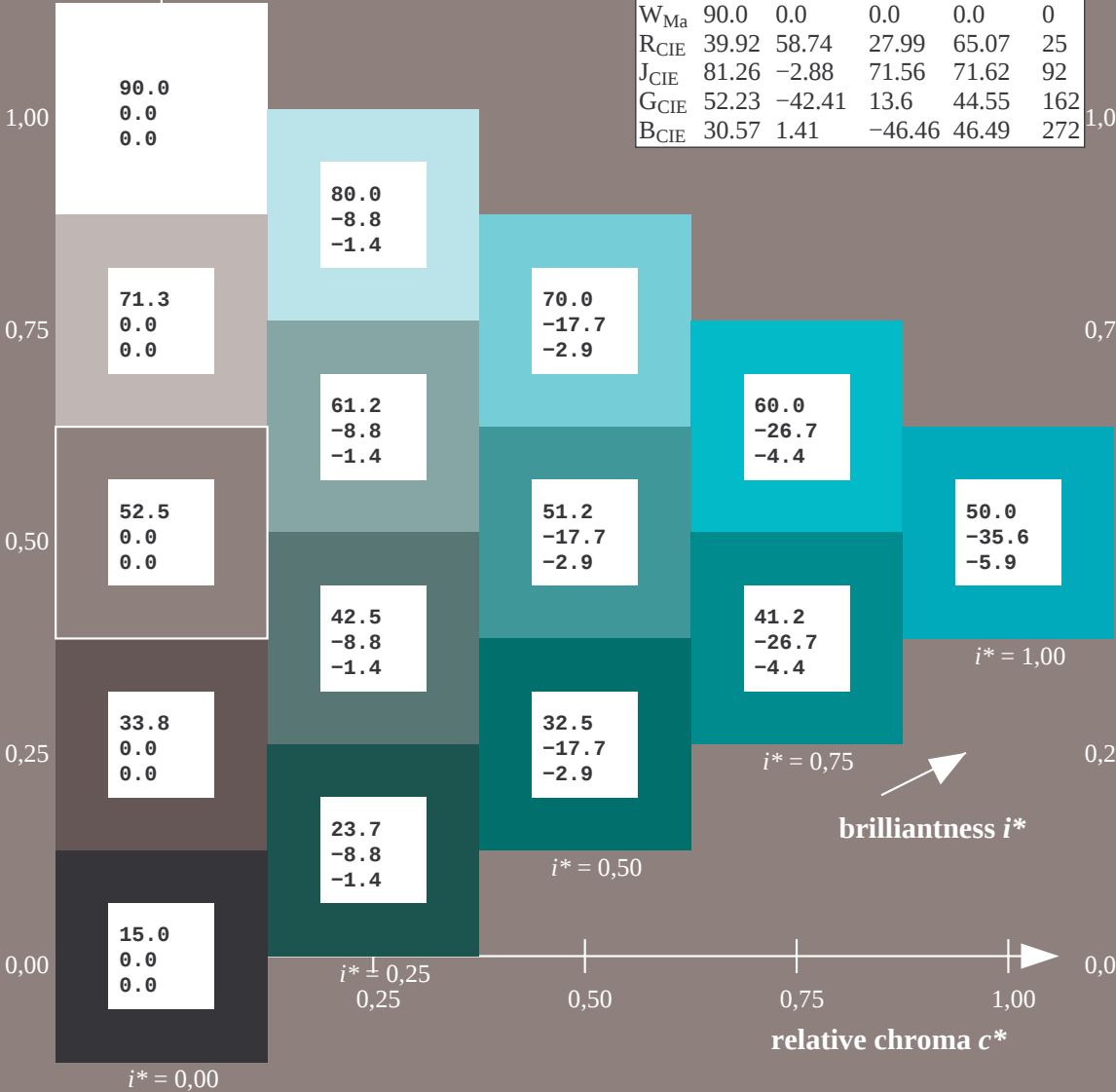


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 50 -35 -5
 $LAB^*LCH^*_{Ma}$: 50 36 190
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.69

$u^* = g25b$
 $LAB^*LAB^*_a$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



$$u^* = g50b$$

*LAB*LAB**_a

(a) CIELAB data

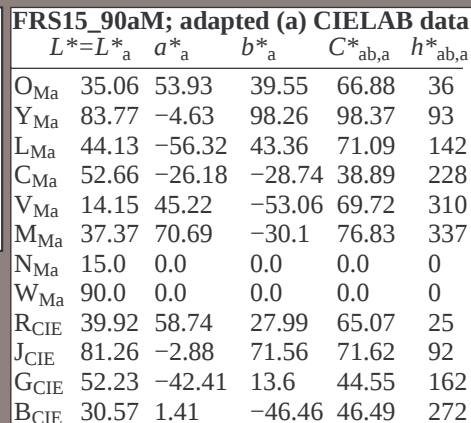
$$C_{ab,a}^* \quad h_{ab,a}^*$$

12	63.05	25
----	-------	----

45	66.19	42
33	68.13	50

33	68.13	59
45	76.87	76

45	76.87	76
56	97.64	92



*LAB*LAB**_a

(a) CIELAB data

	$C_{ab,a}^*$	$h_{ab,a}^*$
12	63.05	25

12	05.05	23
45	66.19	42

33	68.13	59
45	76.87	76

45	76.87	76
56	97.64	92

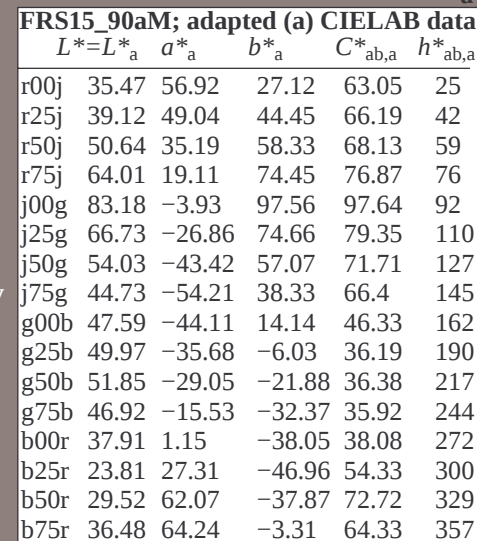
56	97.64	92
66	79.35	110

00	79.33	110
07	71.71	127

33	66.4	145
----	------	-----

14 46.33 162

0.03	36.19	190
1.00	36.30	217



$$u^* = g75b$$
$$LAB^*LAB^*_a$$

(a) CIELAB data

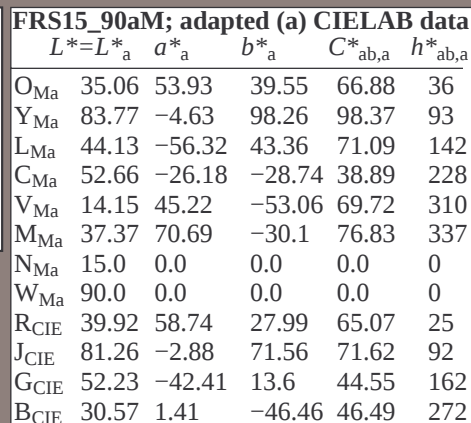
$$\frac{C_{ab,a}^* \quad h_{ab,a}^*}{\quad}$$

12	63.05	25
----	-------	----

45	66.19	42
22	68.12	50

33	68.13	59
45	76.87	76

45	70.87	70
56	97.64	92


$$LAB^*LAB^*_a$$

(a) CIELAB data

	$\mathcal{L}_{ab,a}^*$	$\mathcal{H}_{ab,a}^*$
12	63.05	25

12	05.05	23
45	66.19	42

33	68.13	59
4E	76.87	76

45	76.87	76
56	97.64	92

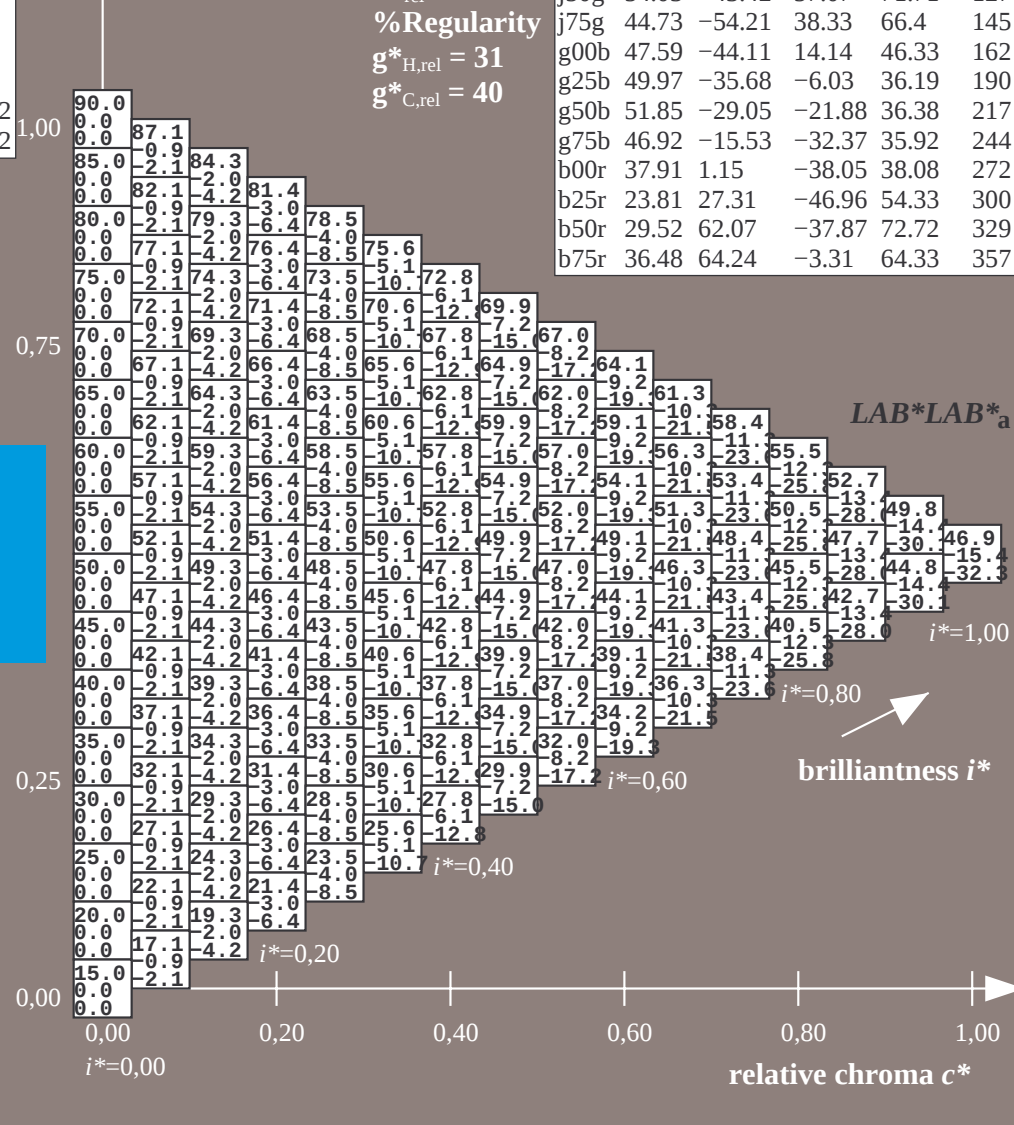
56	97.64	92
66	79.35	110

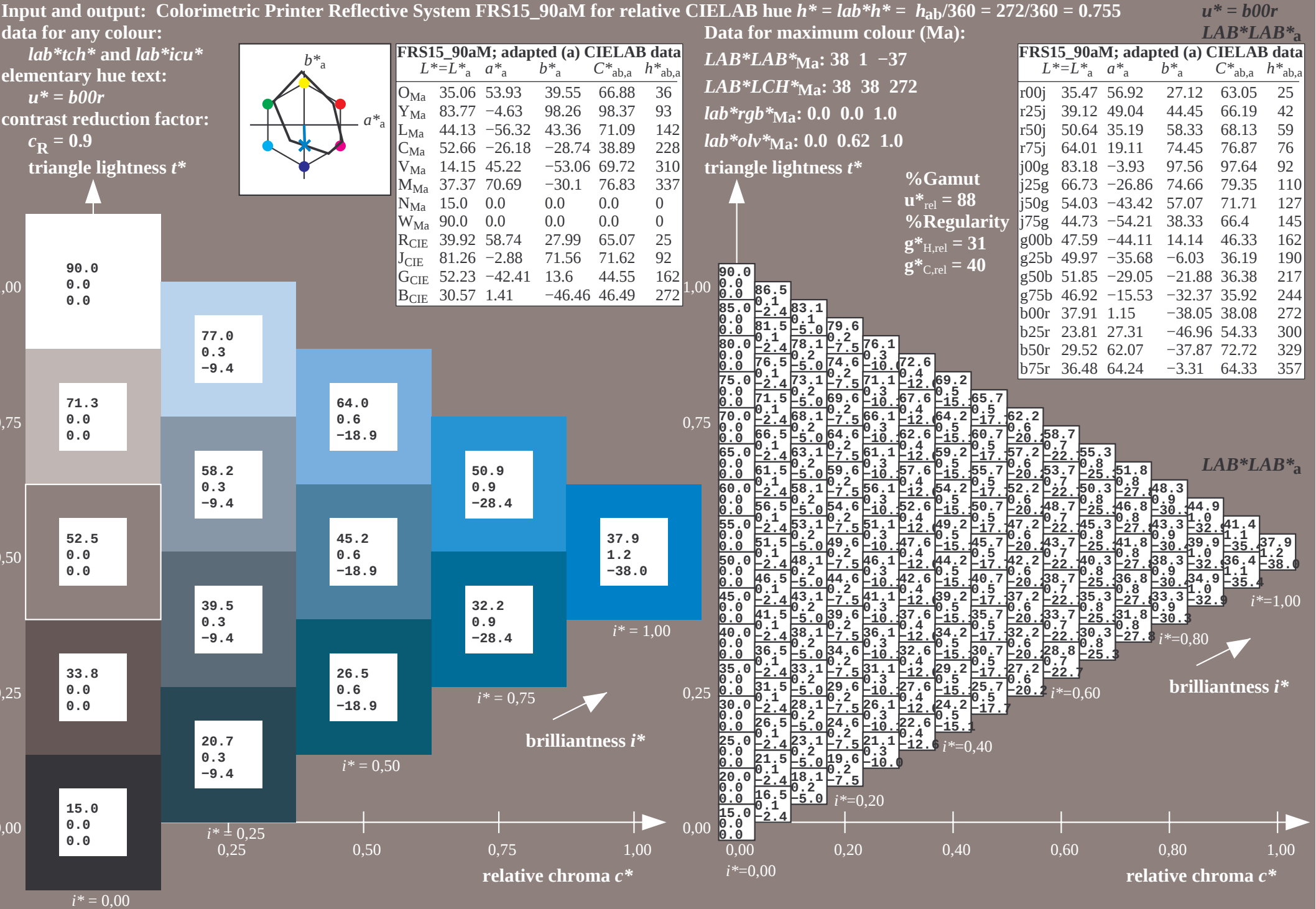
00	79.33	110
07	71.71	127

07	71.71	127
33	66.4	145

14 46.33 162

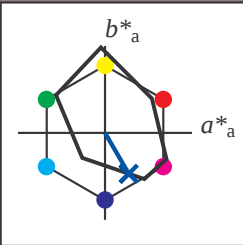
0.03	36.19	190
1.00	36.33	217





Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b25r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

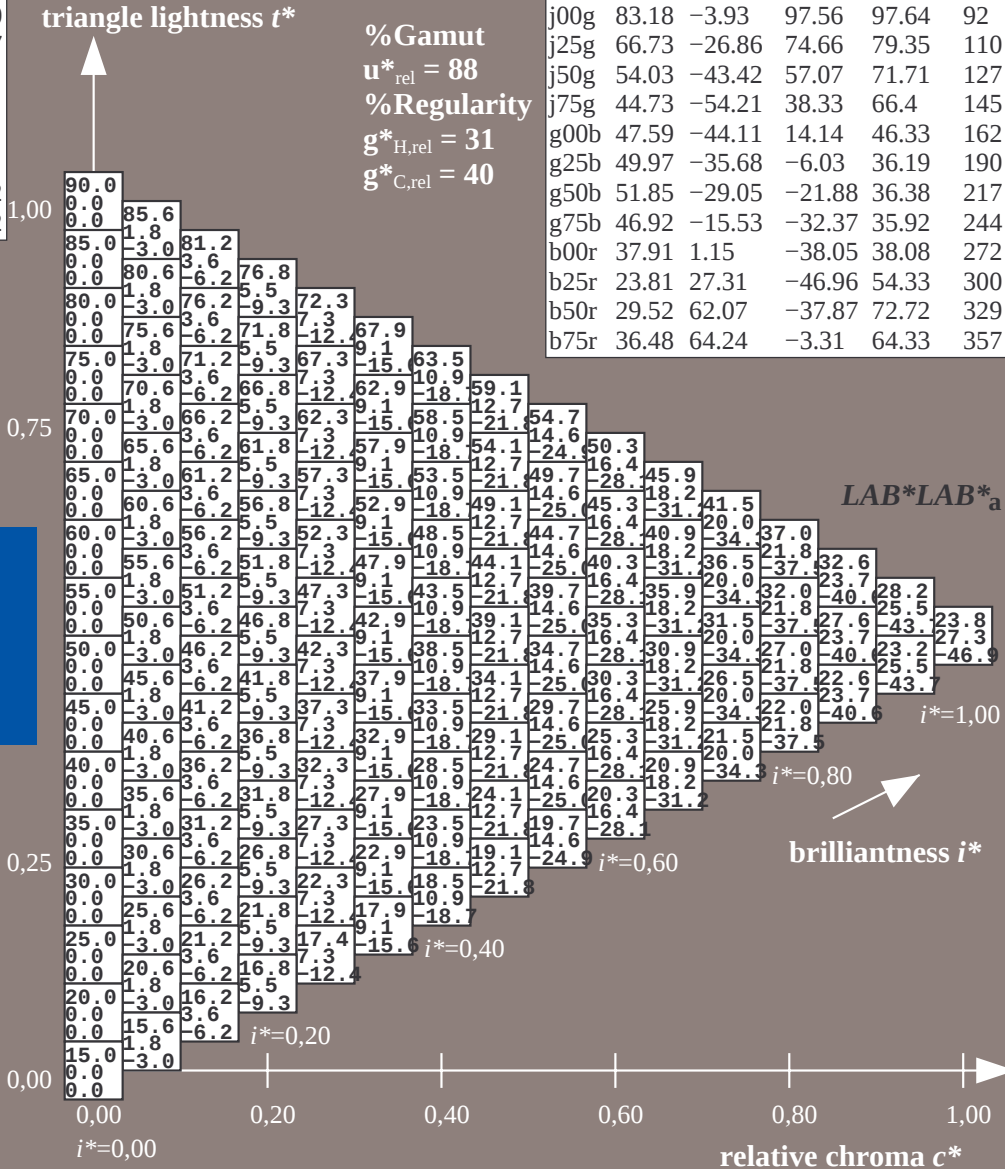
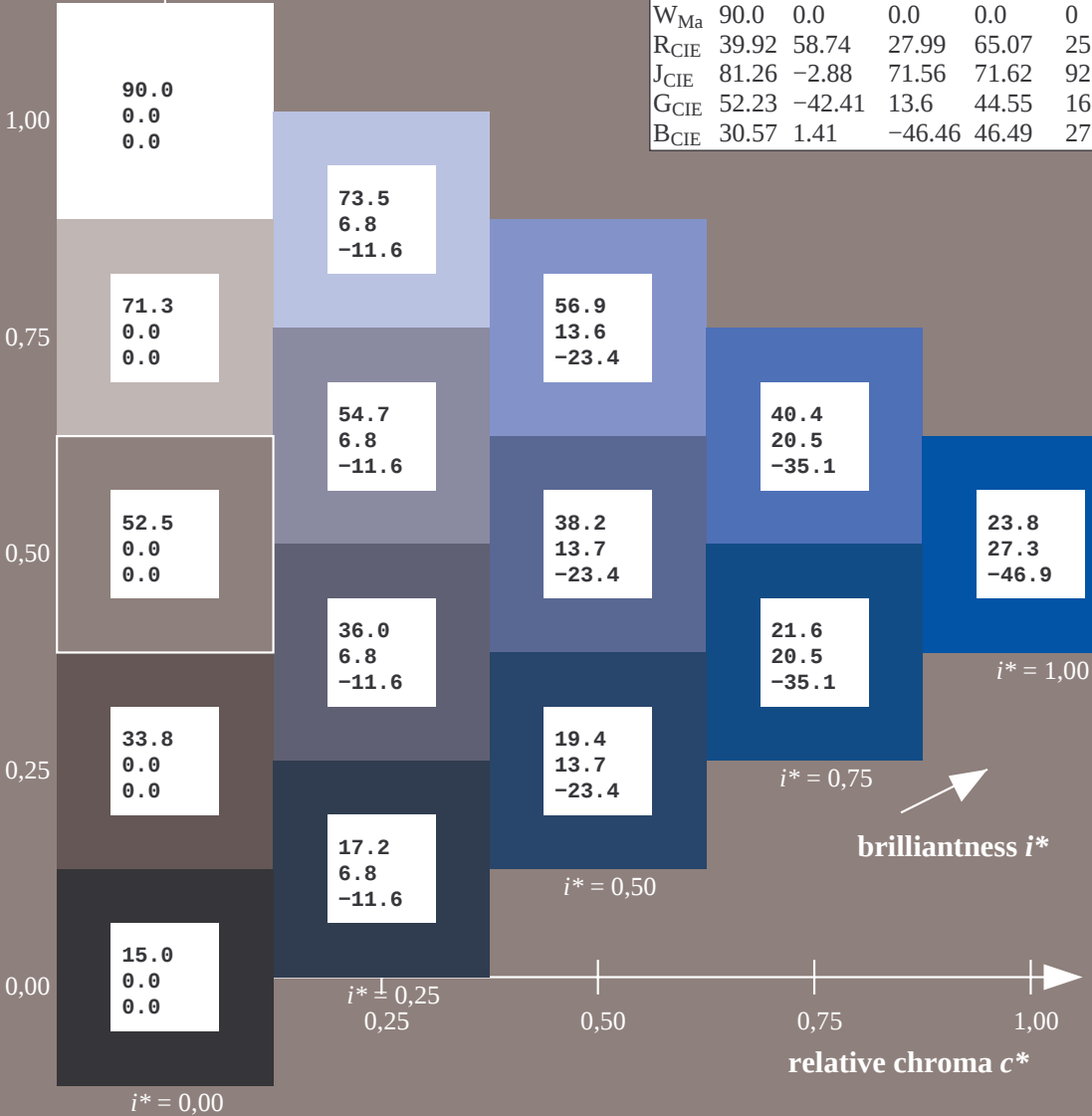


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 24 27 -46
 $LAB^*LCH^*_{Ma}$: 24 54 300
 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.25 1.0

$u^* = b25r$
 $LAB^*LAB^*_a$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



$$u^* = b50r$$

*LAB*LAB**_a

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

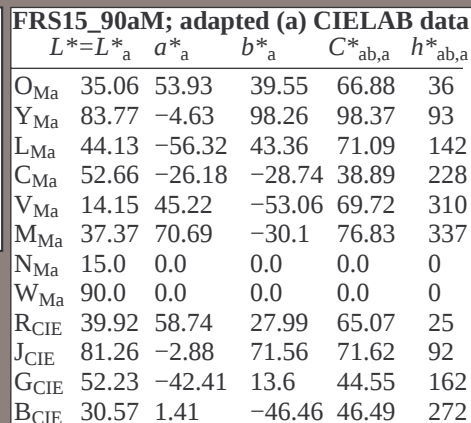
Complementary hue text:

$$u^* = b50r$$

contrast reduction factor:

 $c_D = 0.9$

triangle lightness t^*



Data for maximum colour (Ma):

LAB*LAB*Ma: 30 62 -37

LAB*LCH*Ma: 30 73 329

*lab*rgb*_Ma: 1.0 0.0 1.0*

lab*oly*Ma: 0.66 0.0 1.0

triangle lightness t^*

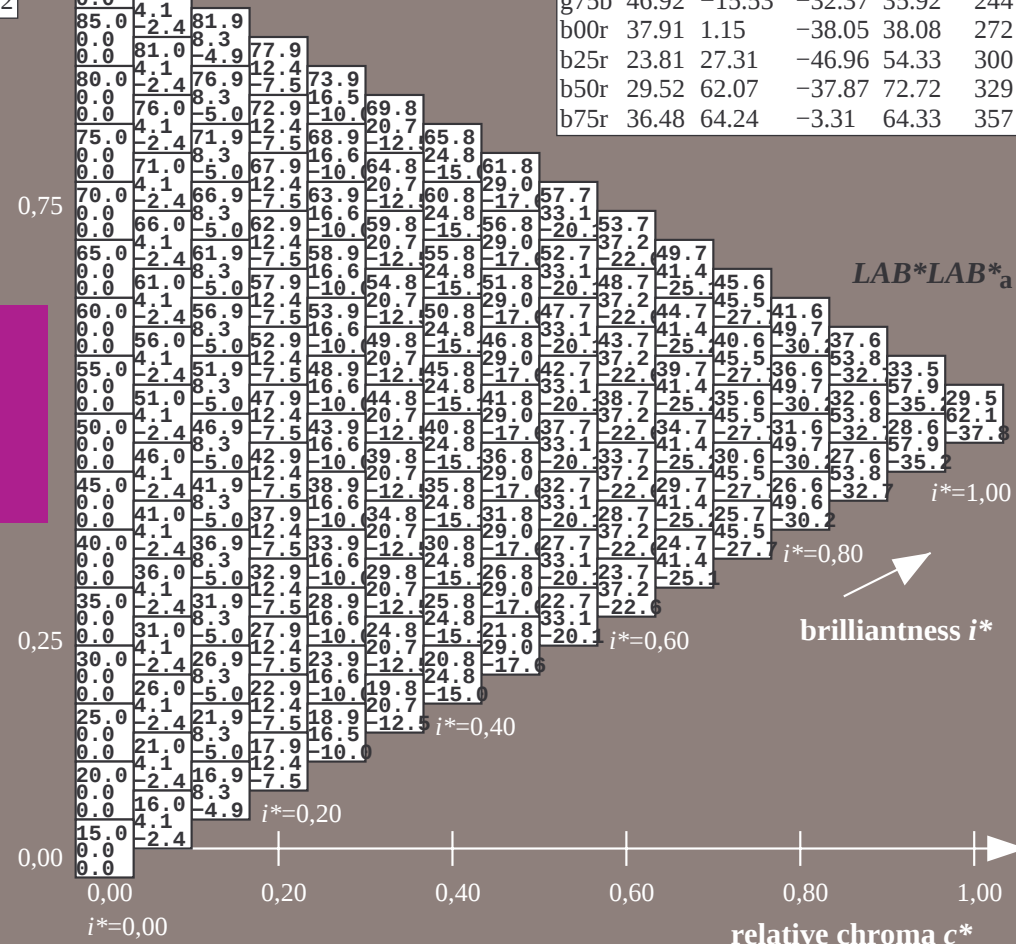
%Gamut

$$u_{rel}^* = 88$$

%Regularity

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

2	1,00
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$$u^* = b75r$$

*LAB*LAB**_a

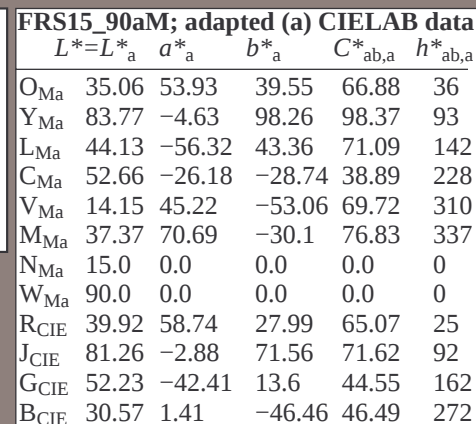
(a) CIELAB data

12	63.05	25
----	-------	----

45	66.19	42
33	68.13	50

33	68.13	59
45	76.87	76

45	76.87	76
56	97.64	92



*LAB*LAB**_a

(a) CIELAB data

	$C^*_{ab,a}$	$h^*_{ab,a}$
12	63.05	25

12	63.05	25
45	66.19	42

33	68.13	59
45	76.87	76

45	76.87	76
56	97.64	92

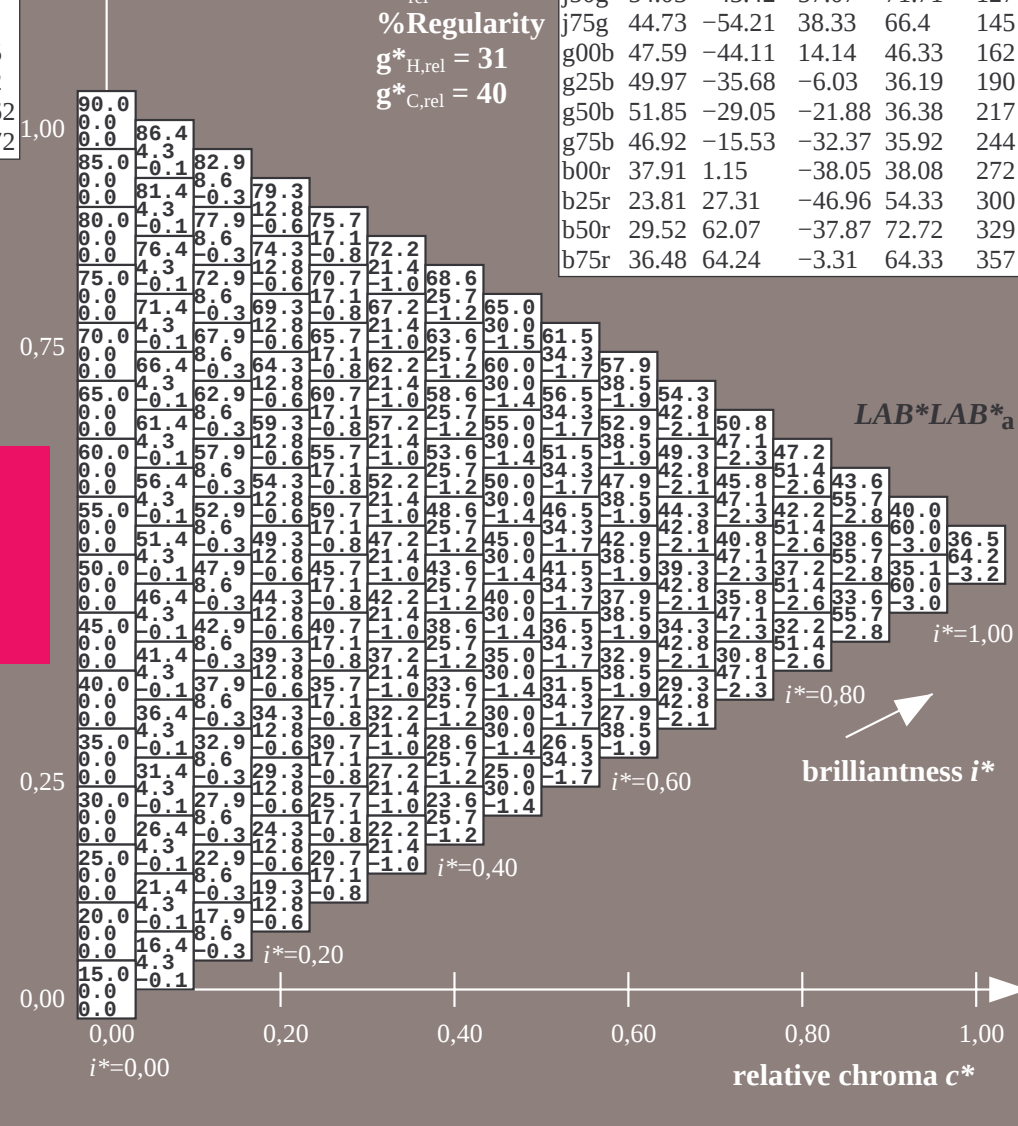
56	97.64	92
66	79.35	110

00	79.33	110
07	71.71	127

07	71.71	127
33	66.4	145

14 46.33 162

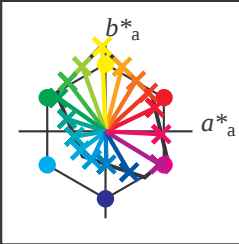
0.03	36.19	190
1.00	36.30	215



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*a		
01	15.0	18.6	22.3	25.9	29.6	33.2	36.9	40.5	44.1	17.5	23.6	27.2	30.9	34.5	38.2	41.8	45.4	49.1	20.0	26.1	32.2	35.8	39.5	43.1	46.8	50.4	54.0	60.0	63.1	76.3	69.4	62.5	55.7	48.8	41.9	35.1	15.0	15.0	15.0	15.0
	0.0	-6.9	-14.0	-21.0	-28.1	-35.1	-42.1	-49.2	-56.2	26.7	-0.5	-7.5	-14.6	-21.6	-28.6	-35.7	-42.7	-49.8	13.5	6.2	-1.1	-8.1	-15.1	-22.2	-29.2	-36.3	-43.3	0.0	6.7	13.5	20.2	27.0	33.7	40.4	47.2	53.9	0.0	0.0	0.0	0.0
	0.0	5.4	10.8	16.3	21.7	27.1	32.5	37.9	43.4	4.9	12.3	17.7	23.1	28.5	34.0	39.4	44.8	50.2	9.9	17.2	24.6	30.0	35.4	40.8	46.2	51.7	57.1	0.0	4.9	9.9	14.8	19.8	24.7	29.7	34.6	39.5	0.0	0.0	0.0	0.0
02	14.9	19.7	23.4	27.0	30.6	34.3	37.9	41.6	45.2	17.8	24.2	28.0	31.7	35.3	38.9	42.6	46.2	49.9	20.3	26.9	33.0	36.6	40.3	43.9	47.5	51.2	54.8	85.3	80.6	73.8	66.9	60.0	53.2	46.3	39.4	32.6	24.4	24.4	24.4	24.4
	5.6	-3.2	-10.2	-17.3	-24.3	-31.3	-38.4	-45.4	-52.5	8.8	0.0	-6.9	-14.0	-21.0	-28.1	-35.1	-42.1	-49.1	21.5	6.7	-0.5	-7.5	-14.6	-21.6	-28.6	-35.7	-42.7	-3.2	0.0	6.7	13.5	20.2	27.0	33.7	40.4	47.2	0.0	0.0	0.0	0.0
	-6.5	-3.5	1.8	7.2	12.7	18.1	23.5	28.9	34.3	-3.7	0.0	5.4	10.8	16.3	21.7	27.1	32.5	37.9	1.2	4.9	12.3	17.7	23.1	28.5	34.0	39.4	44.8	-3.5	0.0	4.9	9.9	14.8	19.8	24.7	29.7	34.6	0.0	0.0	0.0	0.0
03	14.8	19.6	24.4	28.1	31.7	35.3	39.0	42.6	46.3	17.7	24.3	29.1	32.7	36.4	40.0	43.6	47.3	50.9	20.6	27.2	33.8	37.4	41.0	44.7	48.3	52.0	55.6	80.7	76.0	71.3	64.4	57.5	50.6	43.8	36.9	30.1	33.8	33.8	33.8	33.8
	11.3	2.4	-6.4	-13.5	-20.5	-27.6	-34.6	-41.7	-48.7	14.5	5.7	-3.2	-10.2	-17.3	-24.3	-31.3	-38.4	-45.4	17.7	8.8	0.0	-6.9	-14.0	-21.0	-28.1	-35.1	-42.1	-6.4	-3.2	0.0	6.7	13.5	20.2	27.0	33.7	40.4	0.0	0.0	0.0	0.0
	-13.2	-10.1	-7.1	-1.7	3.7	9.1	14.5	19.9	25.3	-10.3	-6.5	-3.5	1.8	7.2	12.7	18.1	23.5	28.9	-7.4	-3.7	0.0	5.4	10.8	16.3	21.7	27.1	32.5	-7.1	-3.5	0.0	4.9	9.9	14.8	19.8	24.7	29.7	0.0	0.0	0.0	0.0
04	14.7	19.5	24.3	29.1	32.8	36.4	40.0	43.7	47.3	17.6	24.2	29.0	32.8	37.4	41.1	44.7	48.4	52.0	20.5	27.1	33.6	38.5	42.1	45.7	49.4	53.0	56.7	76.0	71.3	66.6	61.9	55.0	48.1	41.3	34.4	27.5	43.1	43.1	43.1	43.1
	17.0	8.0	-0.8	-9.7	-16.8	-23.8	-30.8	-37.9	-44.9	20.1	11.3	2.4	-6.4	-13.5	-20.5	-27.6	-34.6	-41.6	23.3	14.5	5.7	-3.2	-10.2	-17.3	-24.3	-31.3	-38.4	-9.7	-6.4	-3.2	0.0	6.7	13.5	20.2	27.0	33.7	0.0	0.0	0.0	0.0
	-19.8	-16.8	-13.7	-10.7	-7.5	0.1	5.5	10.9	16.3	-16.9	-13.2	-10.1	-7.1	-1.7	3.7	9.1	14.5	19.9	-14.1	-10.3	-6.5	-3.5	1.8	7.2	12.7	18.1	23.5	-10.7	-7.1	-3.5	0.0	4.9	9.9	14.8	19.8	24.7	0.0	0.0	0.0	0.0
05	14.6	19.4	24.2	29.0	32.8	37.5	41.1	44.8	48.4	17.5	24.1	28.9	32.7	38.5	42.1	45.8	49.4	53.1	20.4	27.0	33.5	38.4	43.2	46.8	50.4	54.1	57.7	71.3	66.6	61.9	57.2	52.5	45.6	38.8	31.9	25.0	52.5	52.5	52.5	52.5
	22.6	13.7	4.8	-4.1	-13.0	-20.0	-27.1	-34.1	-41.2	22.5	8.0	0.0	-9.7	-16.8	-23.8	-30.8	-37.9	29.0	20.1	11.3	2.4	-6.4	-13.5	-20.5	-27.6	-34.6	-13.0	-9.7	-6.4	-3.2	0.0	6.7	13.5	20.2	27.0	0.0	0.0	0.0	0.0	
	-26.4	-23.4	-20.4	-17.3	-14.3	-8.9	-3.4	1.9	7.3	-23.6	-19.8	-16.8	-13.7	-10.7	-5.3	0.1	5.5	10.9	-20.7	-16.9	-13.2	-10.1	-7.1	-1.7	3.7	9.1	14.5	-14.3	-10.7	-7.1	-3.5	0.0	4.9	9.9	14.8	19.8	0.0	0.0	0.0	0.0
06	14.5	19.3	24.1	28.9	32.7	38.5	42.2	45.8	49.5	17.4	24.0	28.8	33.6	38.4	43.2	46.8	50.5	54.1	20.3	26.9	33.4	38.2	43.1	47.9	51.5	55.2	58.8	66.7	62.0	57.2	52.5	47.8	43.1	36.3	29.4	22.5	61.9	61.9	61.9	61.9
	28.3	19.3	10.4	1.5	-7.3	-16.3	-23.3	-30.3	-37.4	22.6	13.7	4.8	-4.1	-13.0	-20.0	-27.1	-34.1	23.6	25.8	17.0	8.0	-0.8	-9.7	-16.8	-23.8	-30.8	-37.9	-16.3	-13.0	-9.7	-6.4	-3.2	0.0	6.7	13.5	20.2	0.0	0.0	0.0	0.0
	-33.1	-30.0	-27.0	-23.9	-20.9	-17.9	-12.4	-7.0	-1.6	-30.2	-26.4	-23.4	-20.4	-17.3	-14.3	-8.9	-3.4	1.9	-27.3	-23.6	-19.8	-16.8	-13.7	-10.7	-5.3	0.1	5.5	-17.9	-14.3	-10.7	-7.1	-3.5	0.0	4.9	9.9	14.8	0.0	0.0	0.0	0.0
07	14.4	19.2	24.0	28.8	33.6	38.4	43.2	46.9	50.5	17.3	23.8	28.7	33.5	38.3	43.1	47.9	51.6	55.2	20.2	26.7	33.3	38.1	43.0	47.8	52.6	56.2	59.9	62.0	57.3	52.6	47.9	43.2	38.5	33.8	26.9	20.0	71.3	71.3	71.3	71.3
	33.9	25.0	16.1	7.1	-1.7	-10.6	-19.5	-26.6	-33.6	37.1	28.3	19.3	10.4	1.5	-7.3	-16.3	-23.3	-30.3	34.0	31.4	22.6	13.7	4.8	-4.1	-13.0	-20.0	-27.1	-19.5	-16.3	-13.0	-9.7	-6.4	-3.2	0.0	6.7	13.5	0.0	0.0	0.0	0.0
	-39.7	-36.7	-33.6	-30.6	-27.5	-24.5	-21.5	-16.0	-10.6	-36.8	-33.1	-30.0	-27.0	-23.9	-20.9	-17.9	-12.4	-7.0	-34.0	-30.2	-26.4	-23.4	-20.4	-17.3	-14.3	-8.9	-3.4	-21.5	-17.9	-14.3	-10.7	-7.1	-3.5	0.0	4.9	9.9	0.0	0.0	0.0	0.0
08	14.3	19.1	23.9	28.7	33.5	38.3	43.1	48.0	51.6	17.2	23.7	28.6	33.4	38.2	43.0	47.8	52.6	56.3	20.1	26.6	33.2	38.0	42.8	47.7	52.5	57.3	60.9	57.3	52.6	47.9	43.2	38.5	33.8	29.1	24.4	17.5	80.6	80.6	80.6	80.6
	39.6	30.6	21.7	12.8	3.9	-5.0	-13.9	-22.8	-29.9	24.2	33.9	25.0	16.1	7.1	-1.7	-10.6	-19.5	-26.6	45.9	37.1	28.3	19.3	10.4	1.5	-7.3	-16.3	-23.3	-22.8	-19.5	-16.3	-13.0	-9.7	-6.4	-3.2	0.0	6.7	0.0	0.0	0.0	0.0
	-46.3	-43.3	-40.3	-37.2	-34.2	-31.1	-28.1	-25.1	-19.6	-43.5	-39.7	-36.7	-33.6	-30.6	-27.5	-24.5	-19.5	-16.0	-40.6	-36.8	-33.1	-30.0	-27.0	-23.9	-20.9	-17.9	-12.5	-25.1	-21.5	-17.9	-14.3	-10.7	-7.1	-3.5	0.0	4.9	0.0	0.0	0.0	0.0
09	14.2	19.0	23.8	28.6	33.4	38.2	43.0	47.9	52.7	17.1	23.6	28.4	33.3	38.1	42.9	47.7	52.5	57.3	20.0	26.5	33.1	37.9	42.7	47.6	52.4	57.2	62.0	52.7	48.0	43.2	38.5	33.8	29.1	24.4	19.7	15.0	90.0	90.0	90.0	90.0
	45.2	36.3	27.4	18.4	9.5	0.6	-8.2	-17.2	-26.1	44.8	39.6	30.6	21.7	12.8	3.9	-5.0	-13.9	-22.8	51.6	42.7	33.9	25.0	16.1	7.1	-1.7	-10.6	-19.5	-26.1	-22.8	-19.5	-16.3	-13.0	-9.7	-6.4	-3.2	0.0	0.0	0.0	0.0	0.0
	-53.0	-49.9																																						

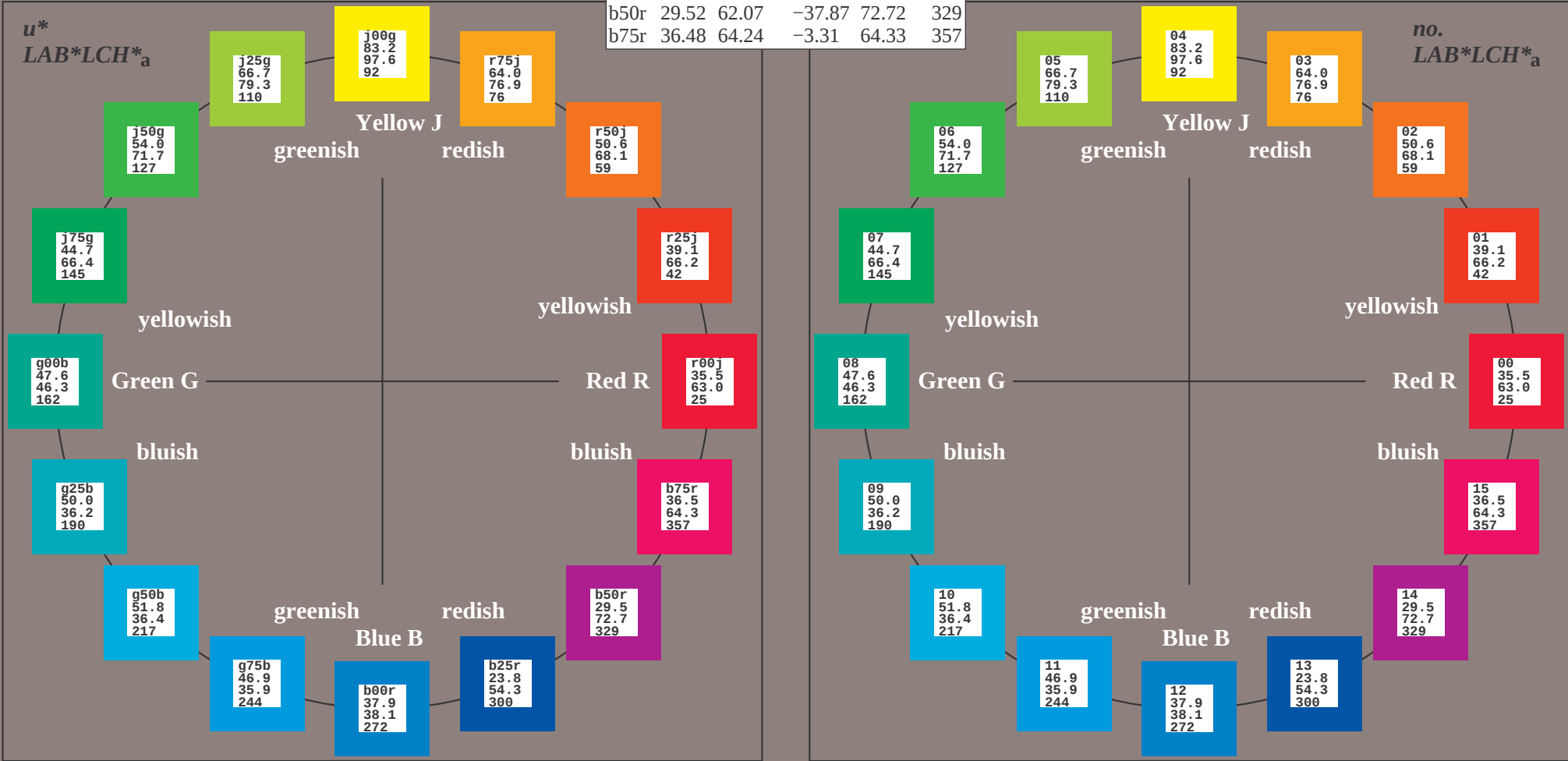
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
 $lab*_{tch}$ and $lab*_{icu}$
elementary hue text:
 $u^* = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.9$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



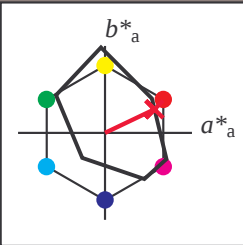
% Gamut
 $u^*_{rel} = 88$
% Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r00j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 57 27

$LAB^*LCH^*_{Ma}$: 35 63 25

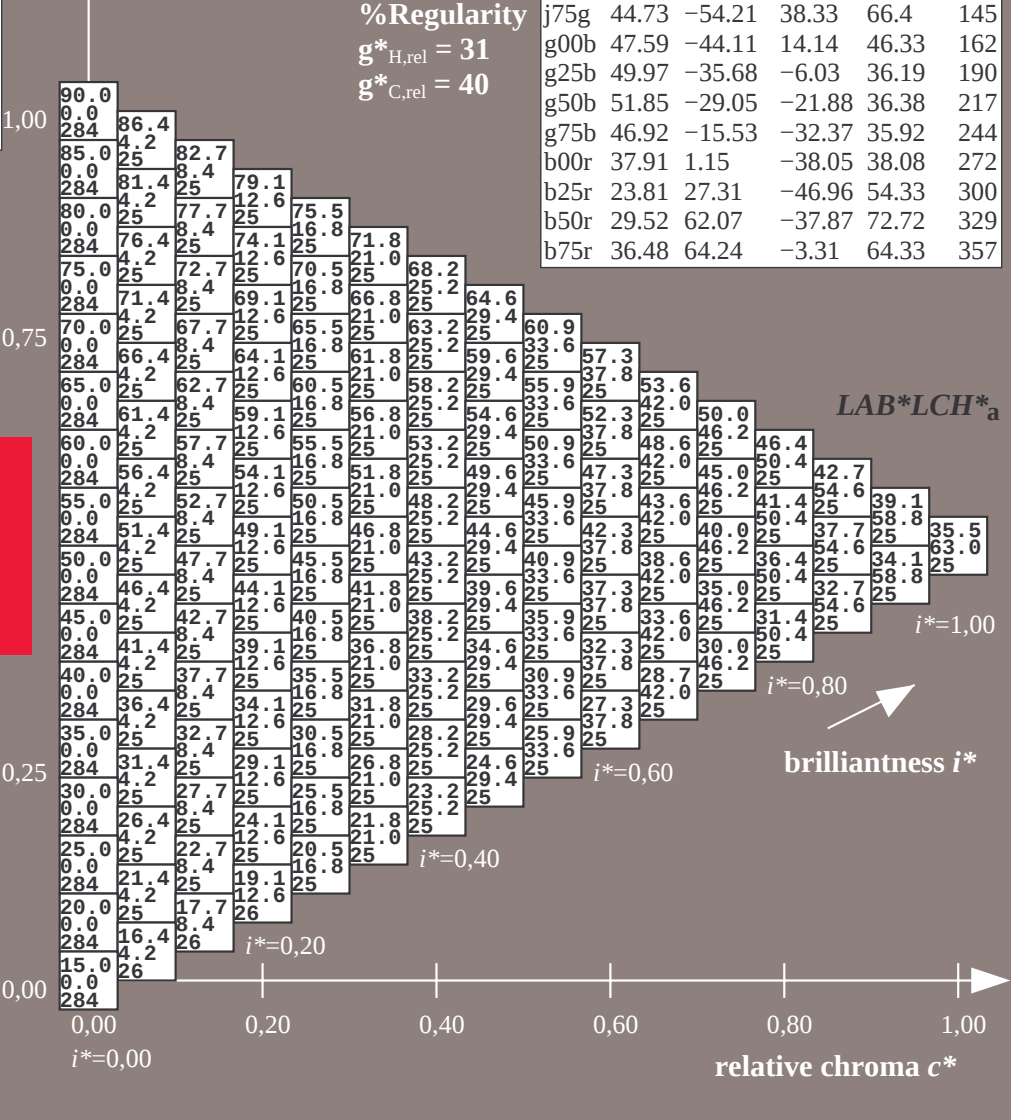
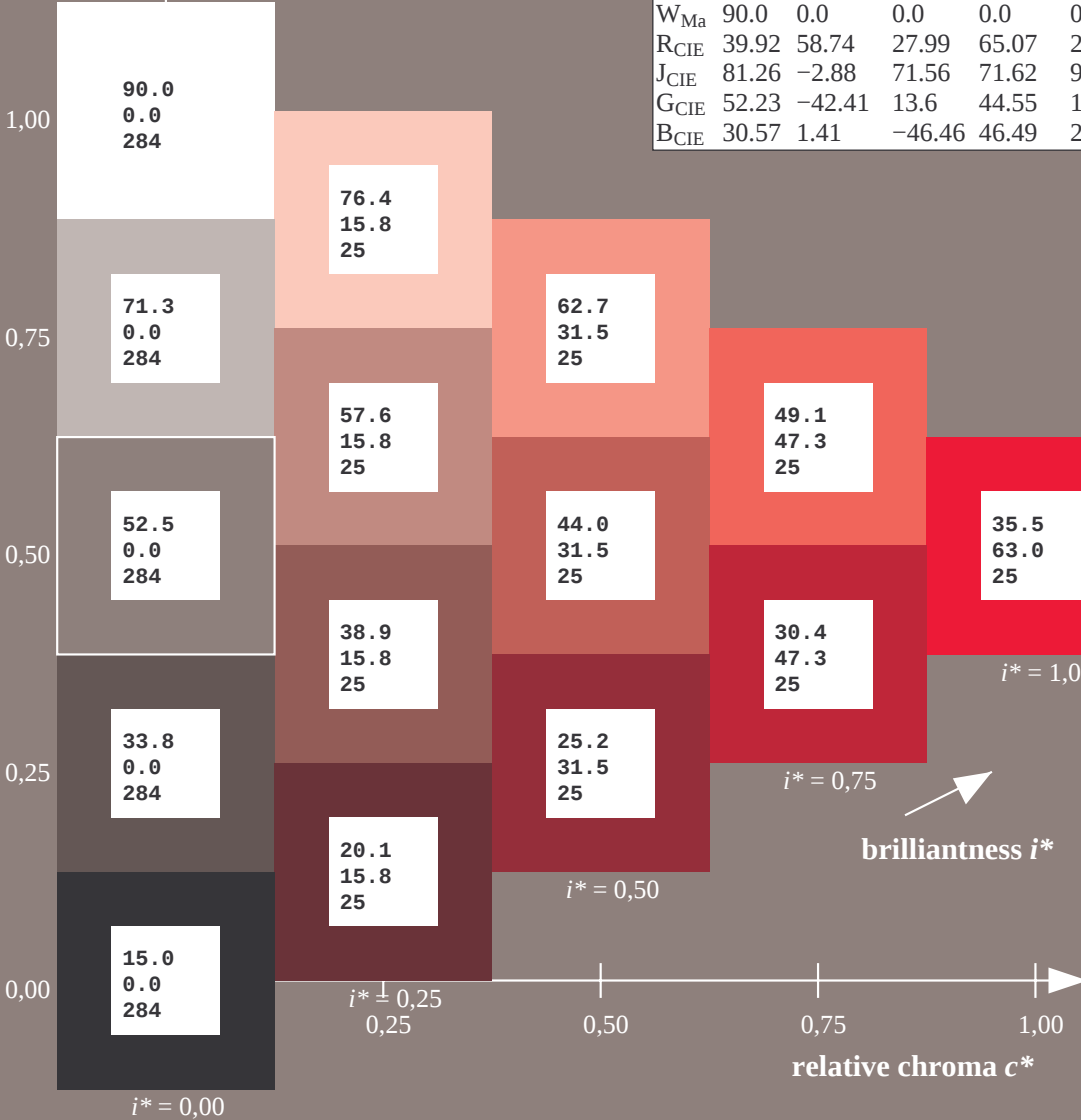
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0

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

triangle lightness t^*

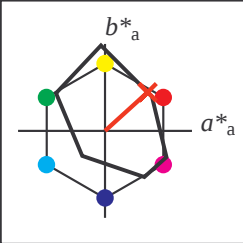
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r25j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



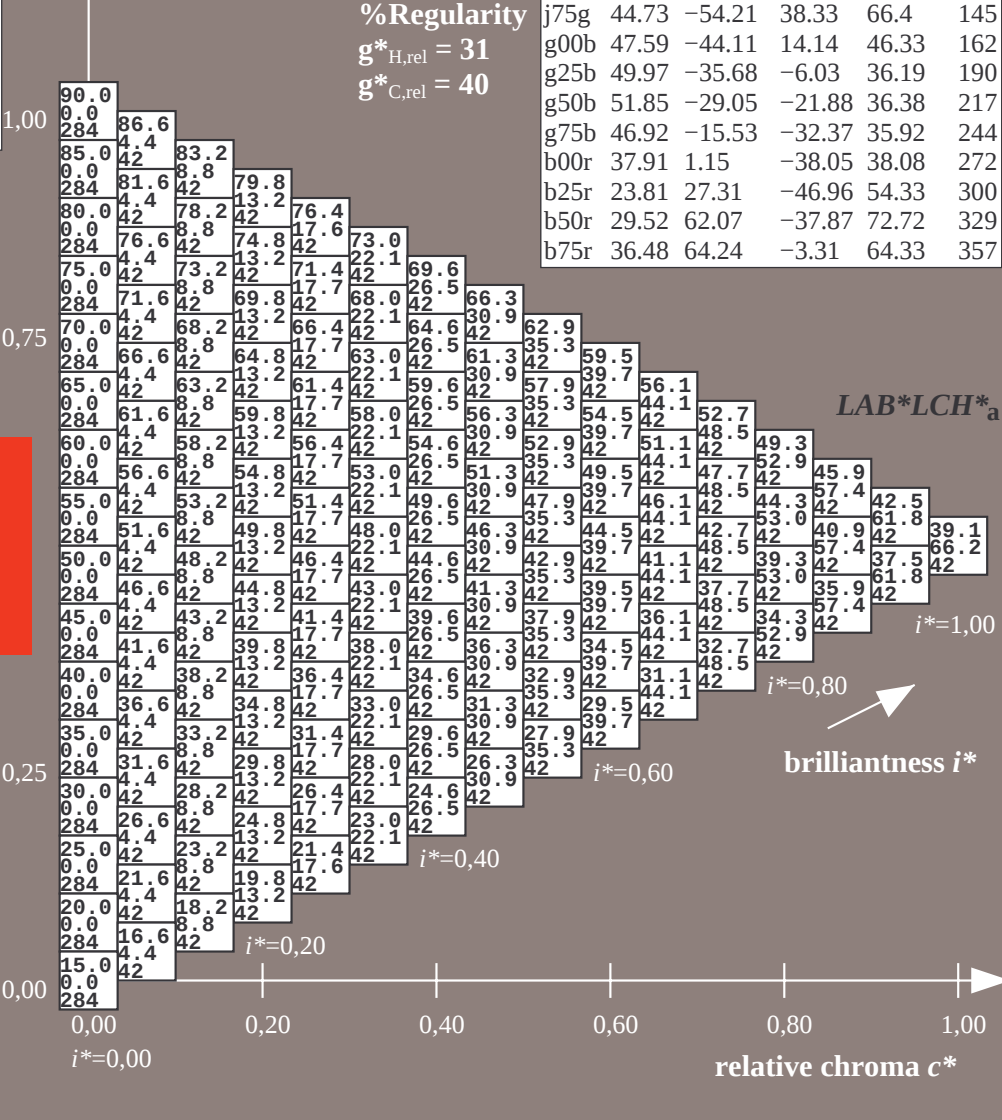
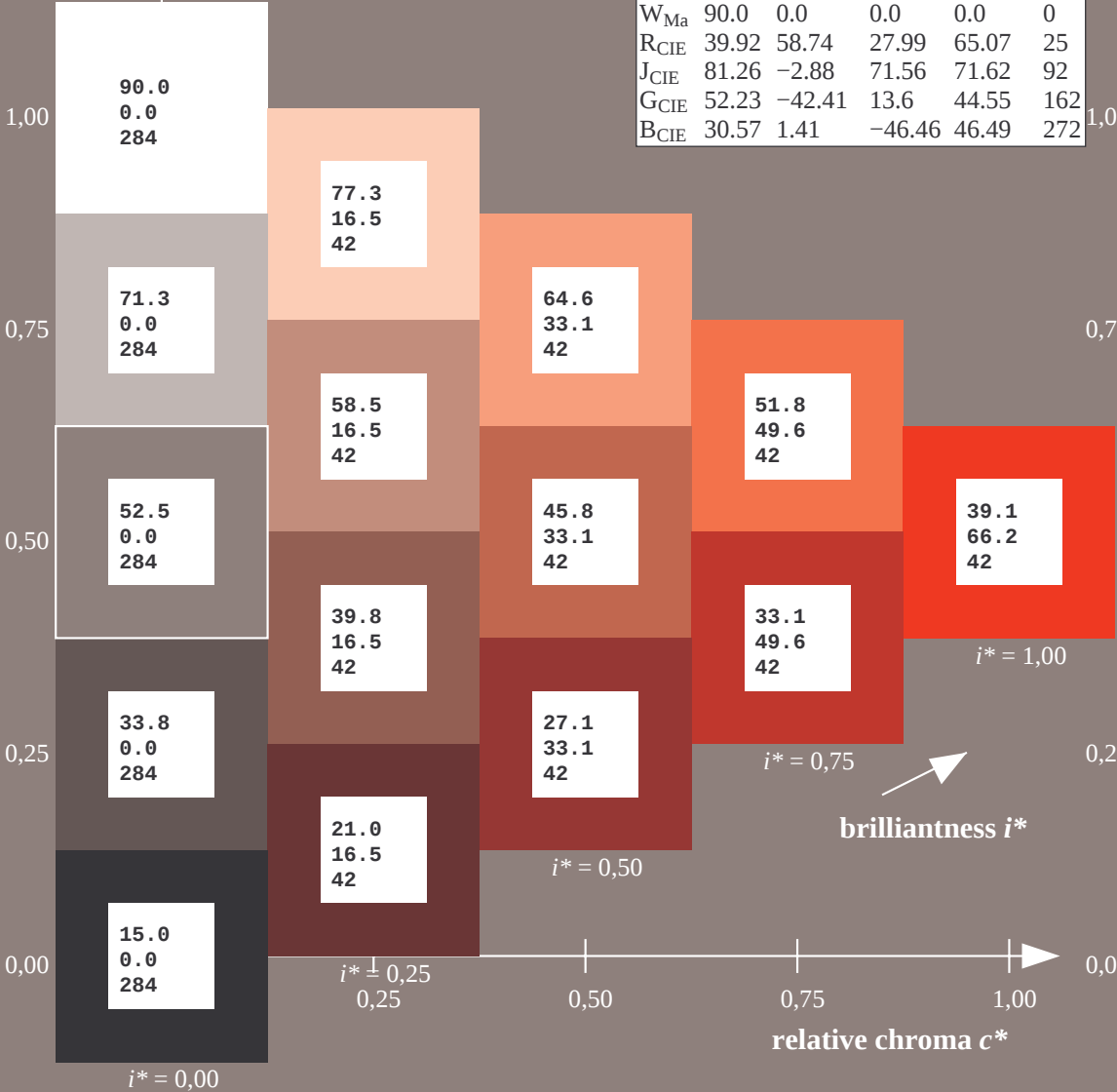
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

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

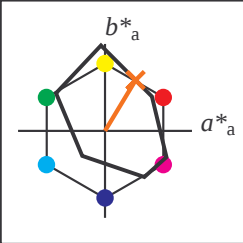
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r50j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



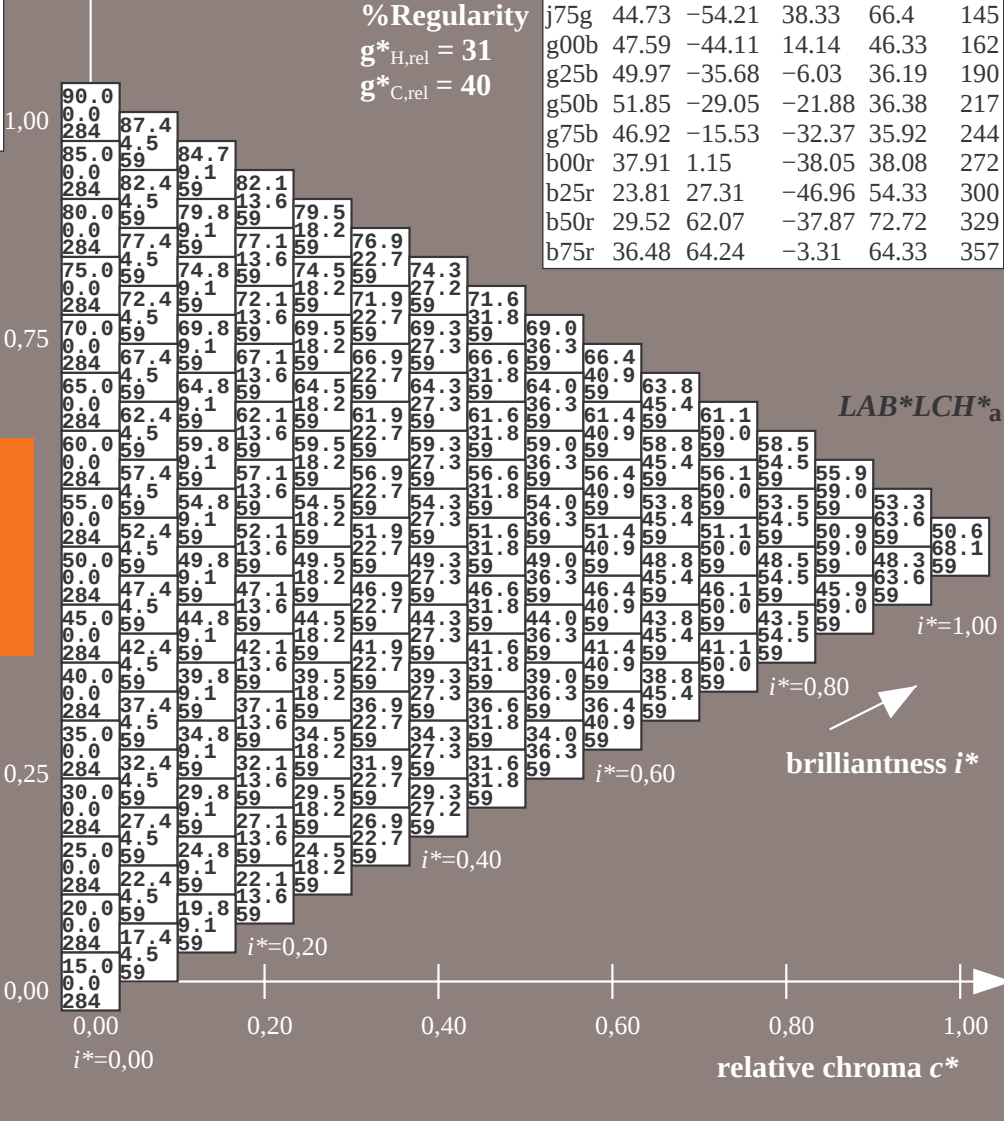
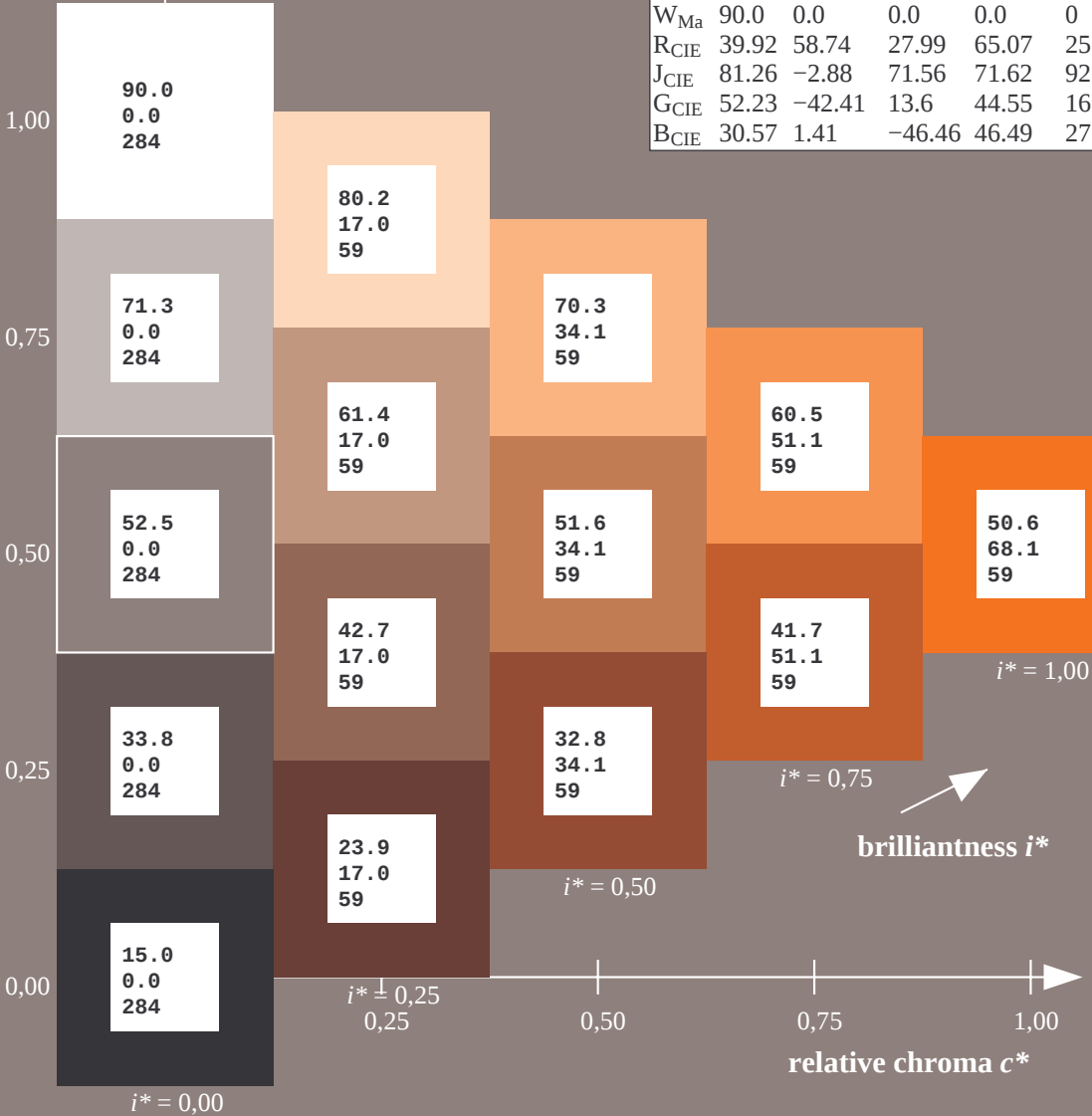
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 35 58
 $LAB^*LCH^*_{Ma}$: 51 68 59
 $lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.32 0.0
triangle lightness t^*

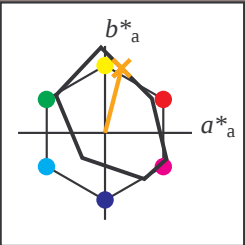
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r75j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



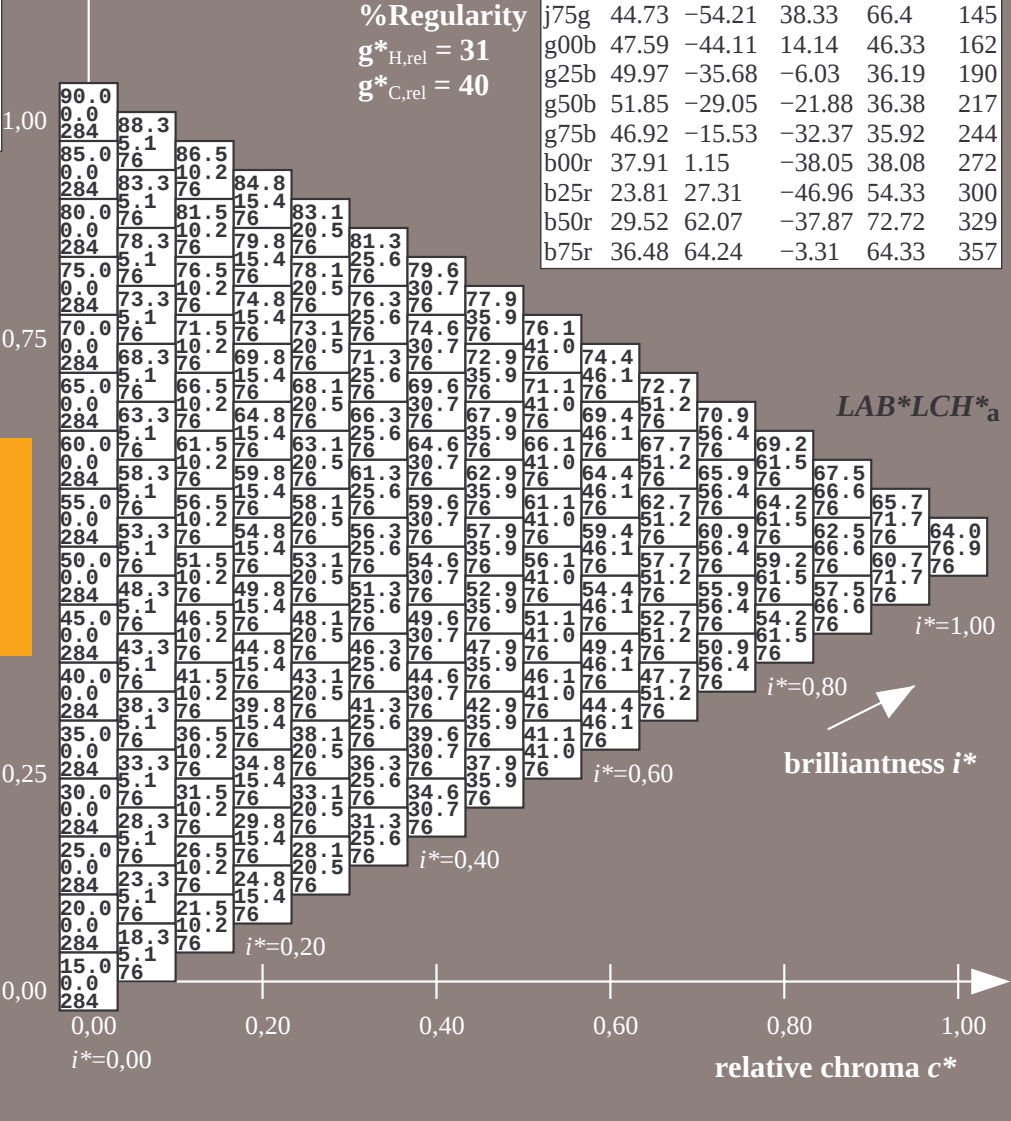
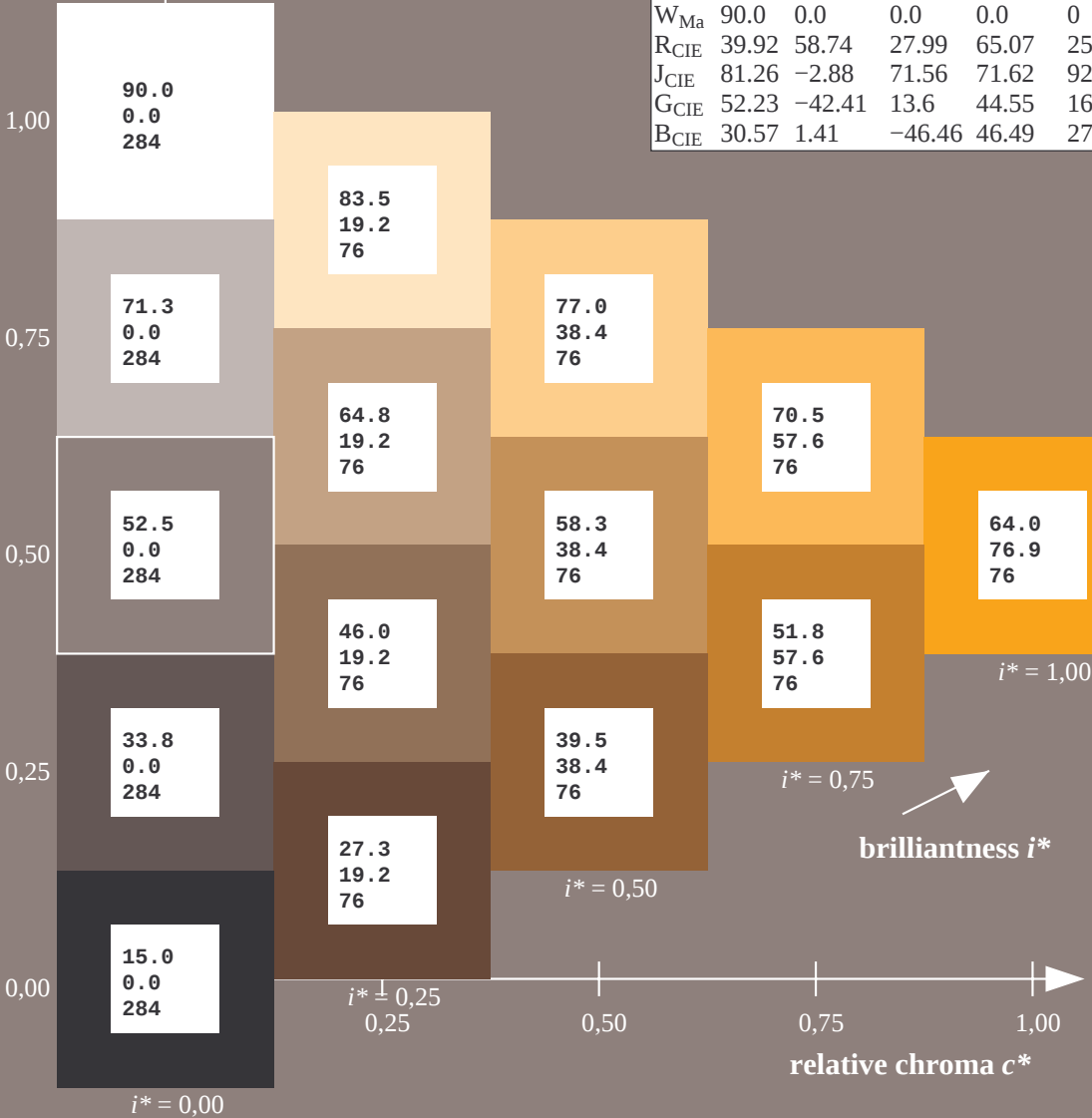
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

triangle lightness t^*

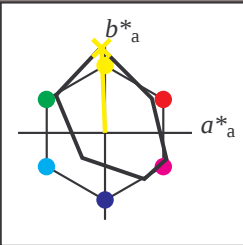
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j00g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



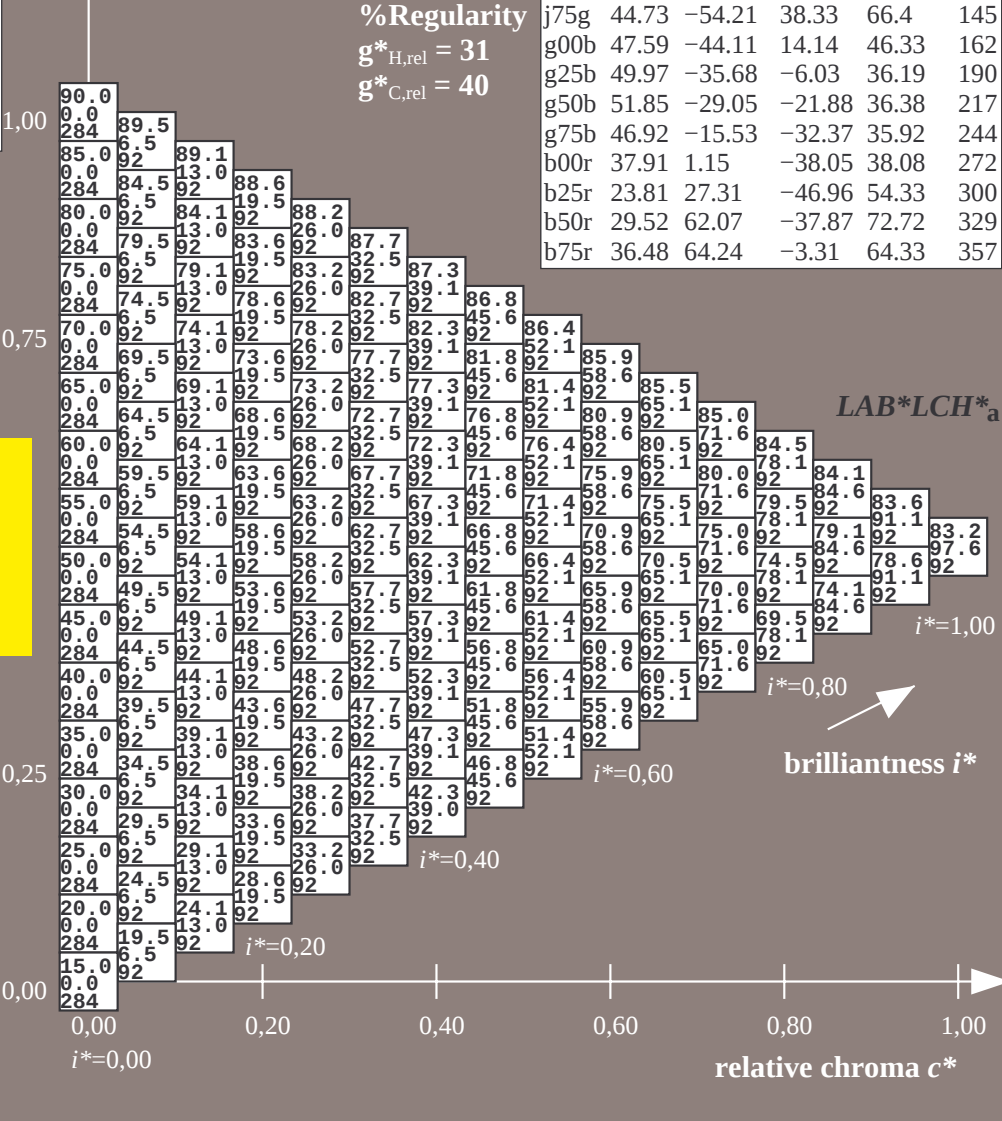
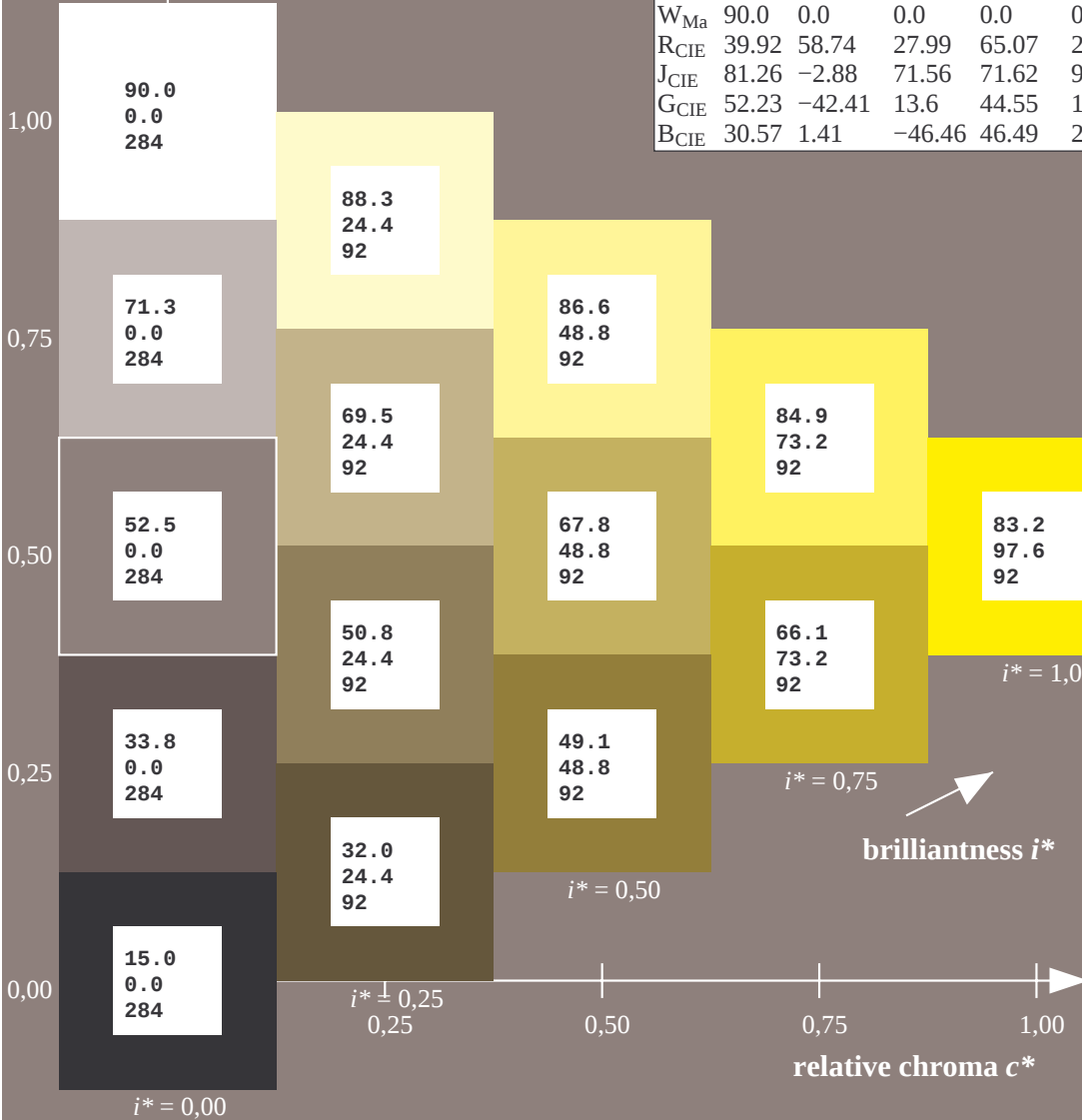
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

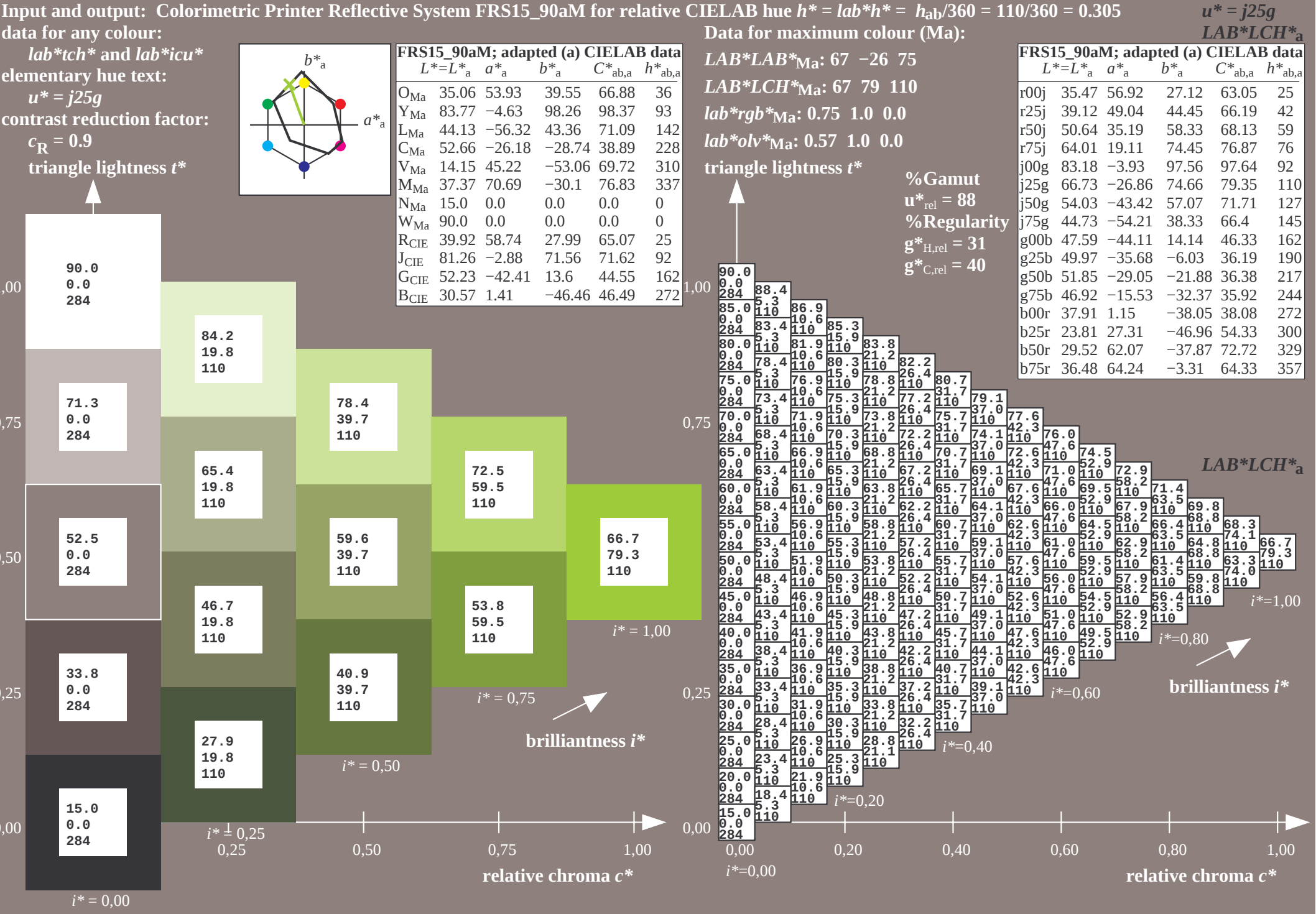
Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

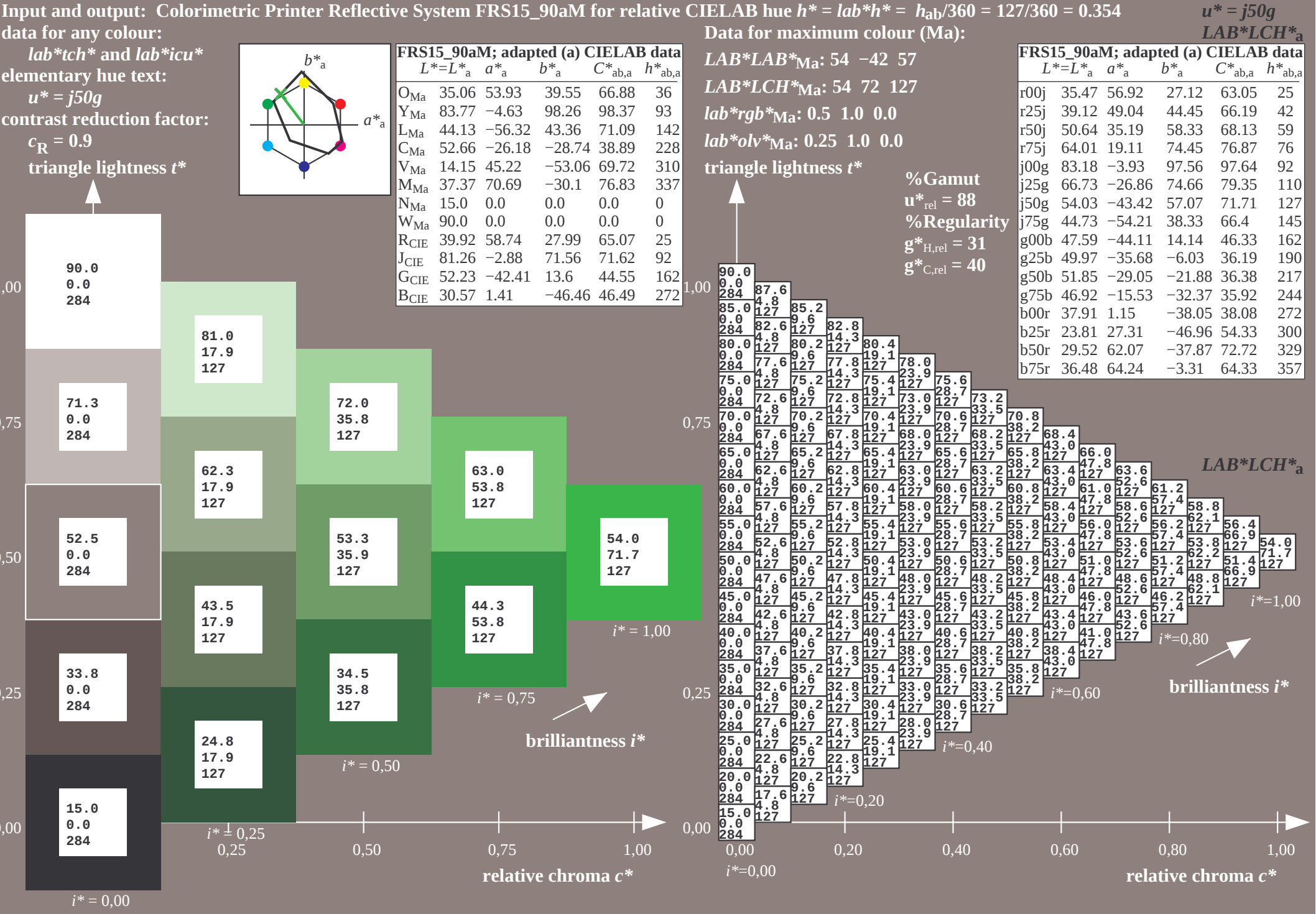
triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357







$i^* = 0,00$

$i^* = 0,25$

$i^* = 0,50$

$i^* = 0,75$

$i^* = 1,00$

brilliantness i^*

relative chroma c^*

$i^* = 0,00$

$i^* = 0,20$

$i^* = 0,40$

$i^* = 0,60$

$i^* = 0,80$

$i^* = 1,00$

brilliantness i^*

relative chroma c^*

$$u^* = j75g$$

Data for maximum colour (Ma):

*LAB*LCH**_a

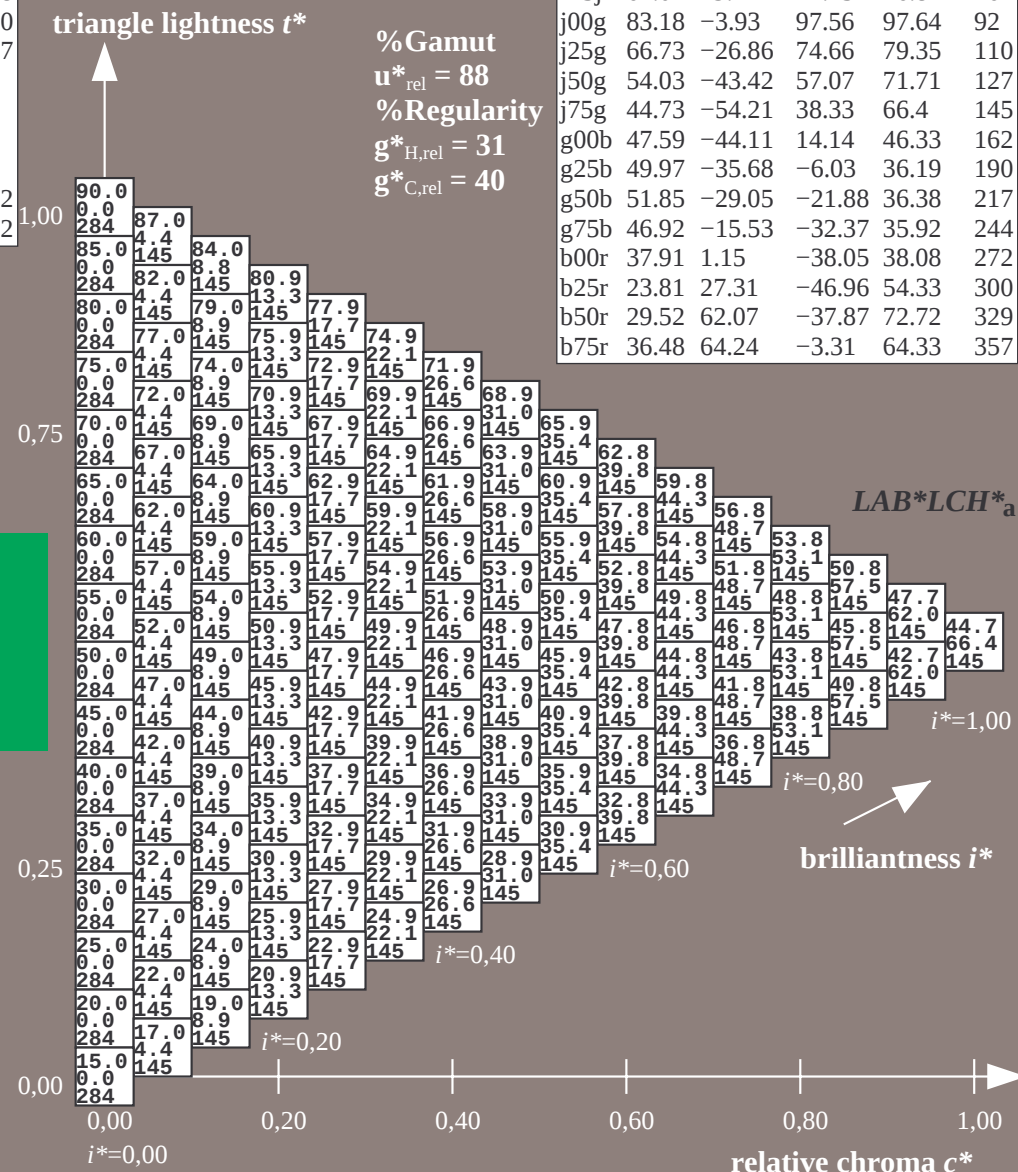
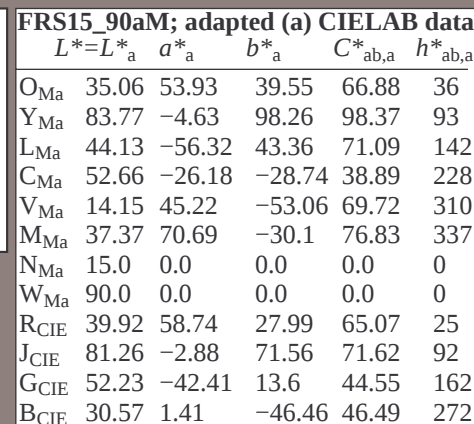
LAB*LAB*Ma: 45 -53 38

LAB*LCH*Ma: 45 66 145

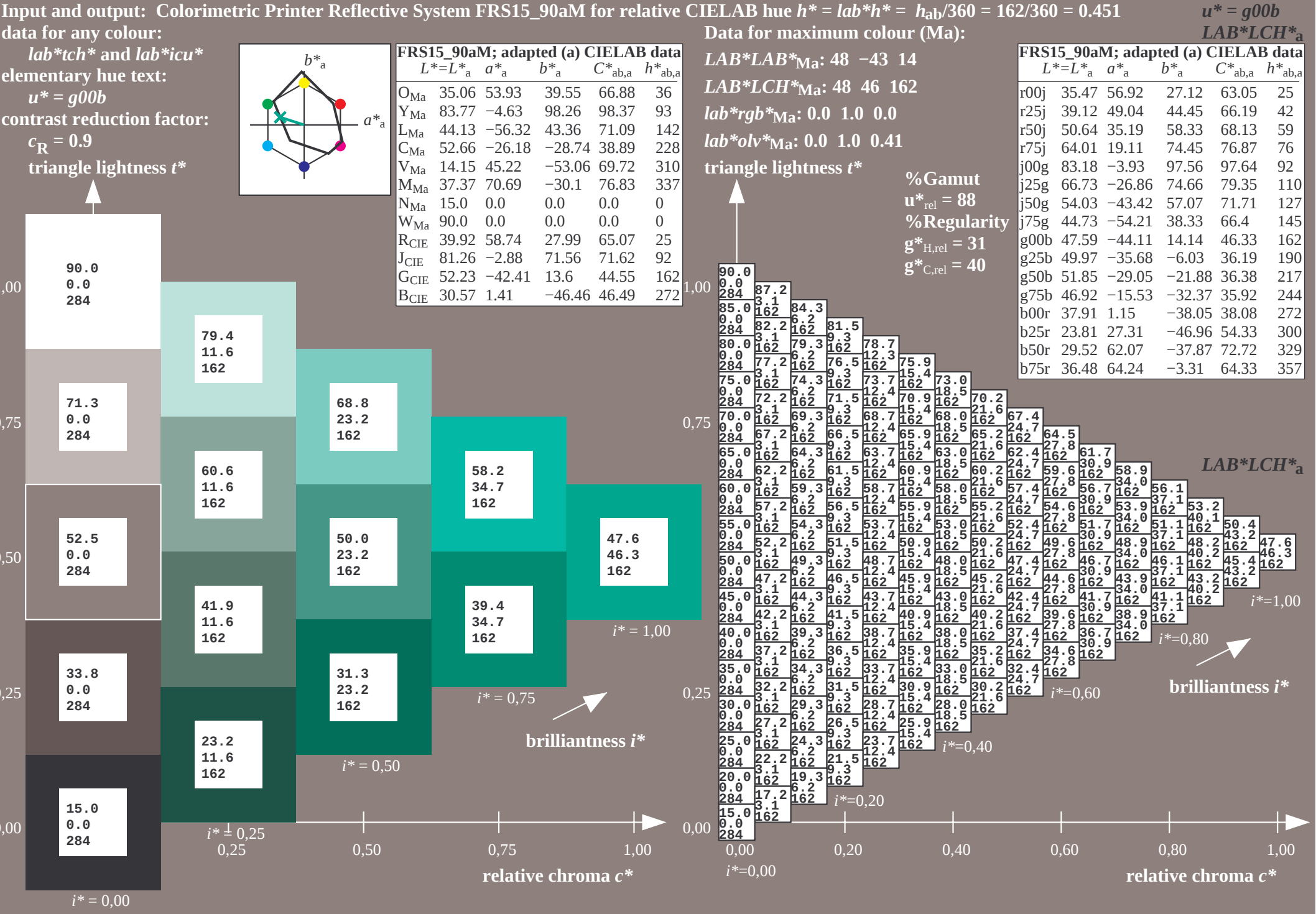
*lab*rqb**_{Ma}: 0.25 1.0 0.0

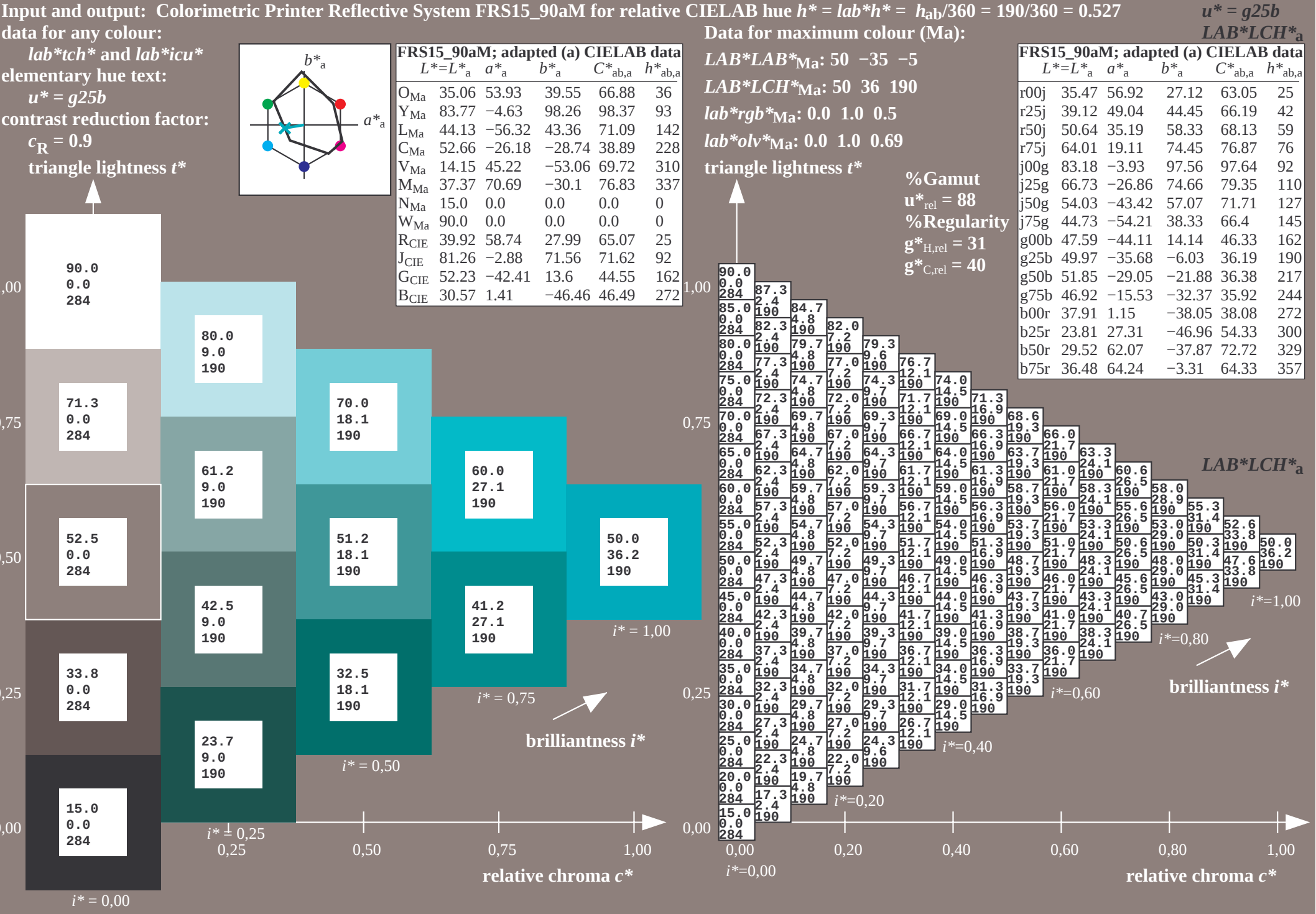
lab*oly*Ma: 0.0 1.0 0.07

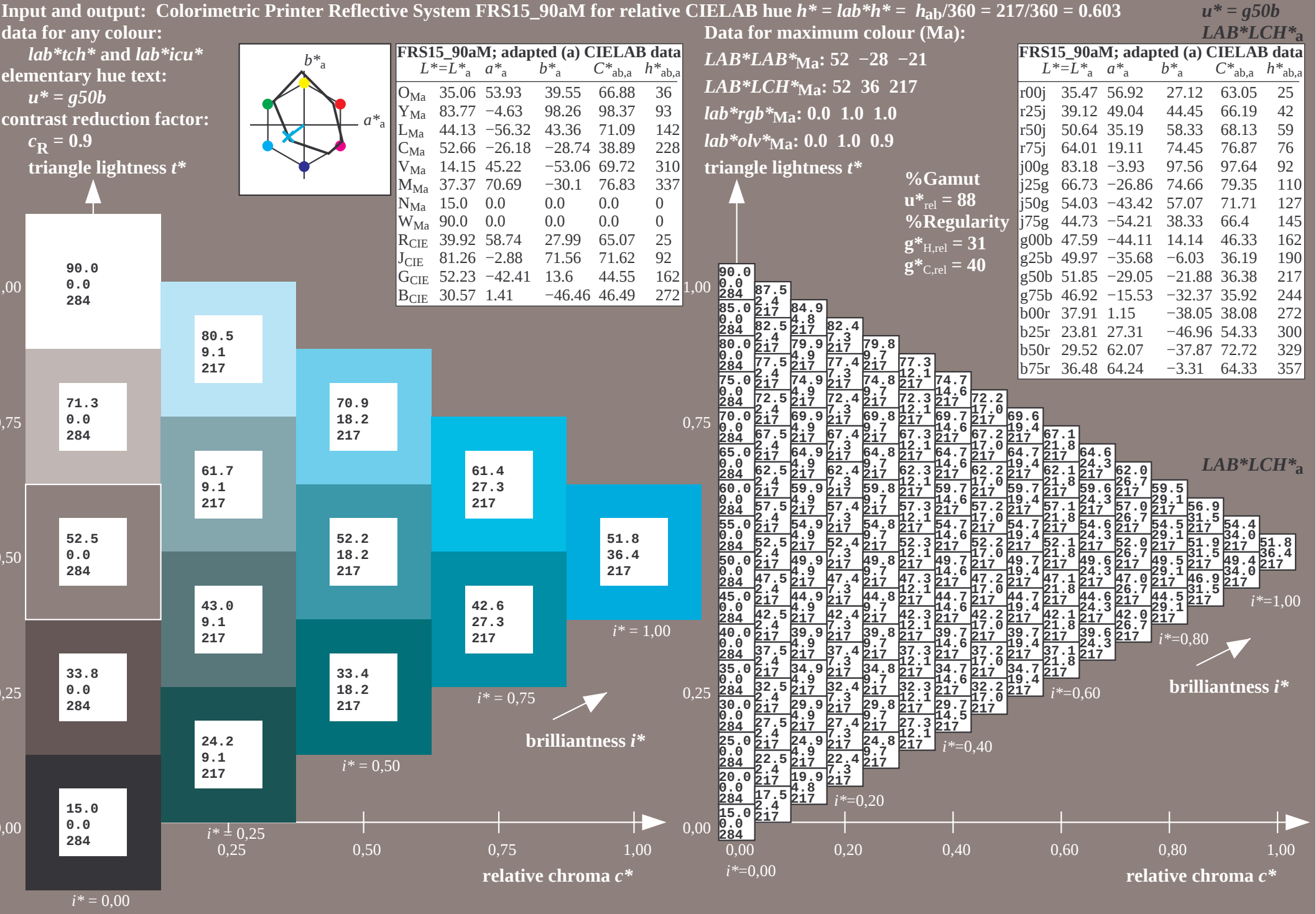
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	







$u^* = g75b$
 $LAB^*LCH^*_a$

FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

LAB*LAB*_{Ma}: 47 -15 -31

LAB*LCH*Ma: 47 36 244

*lab*rqb**Ma: 0.0 0.5 1.0

lab*olv*Ma: 0.0 0.85 1.0

triangle lightness t^*

%Gamut

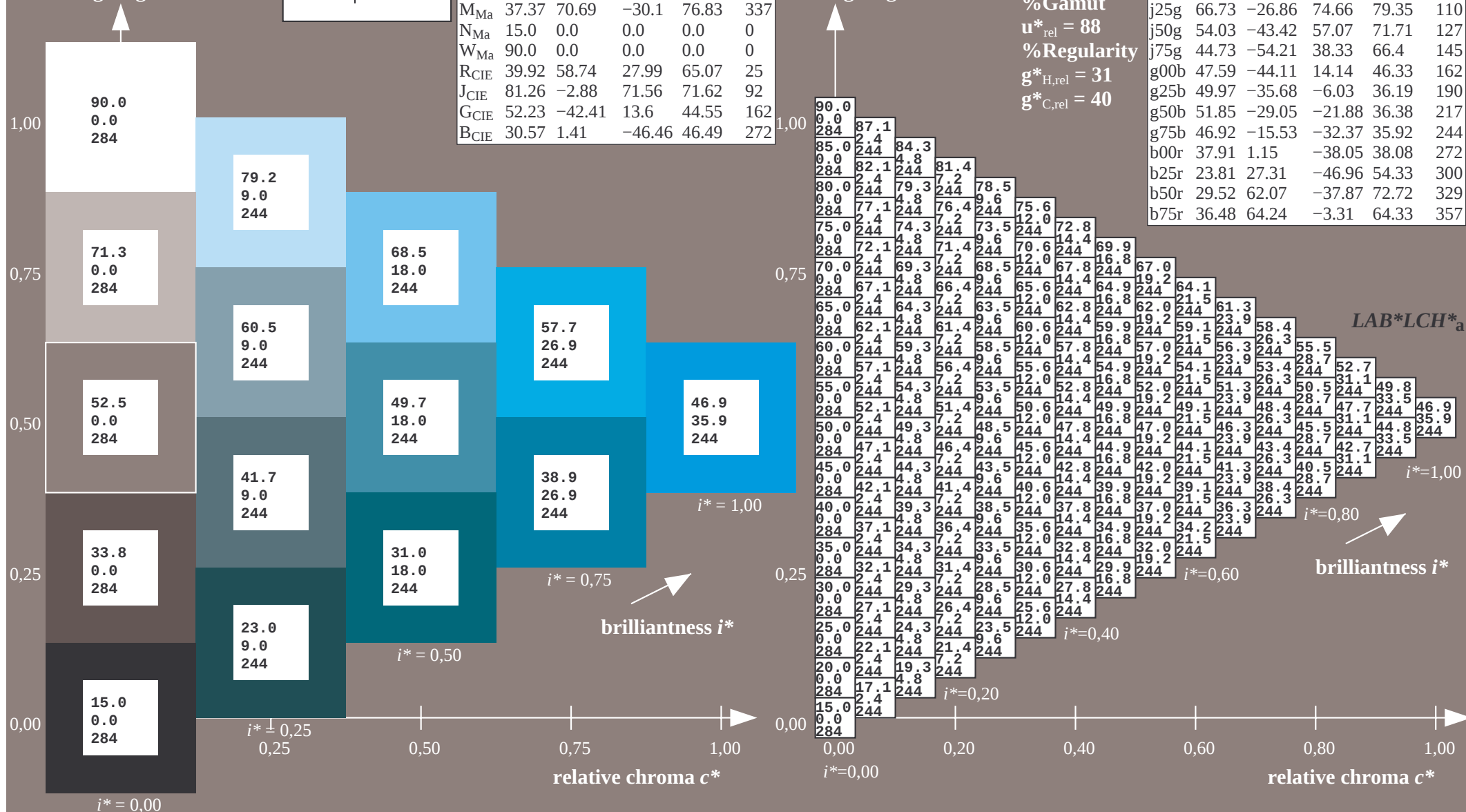
$$\mathbf{u}_{\text{rel}}^* = 88$$

%Regularity

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

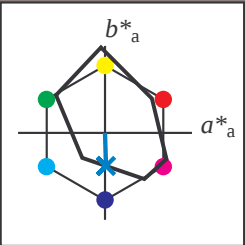
FRS15_90aM; adapted (a) CIELAB data

r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b00r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

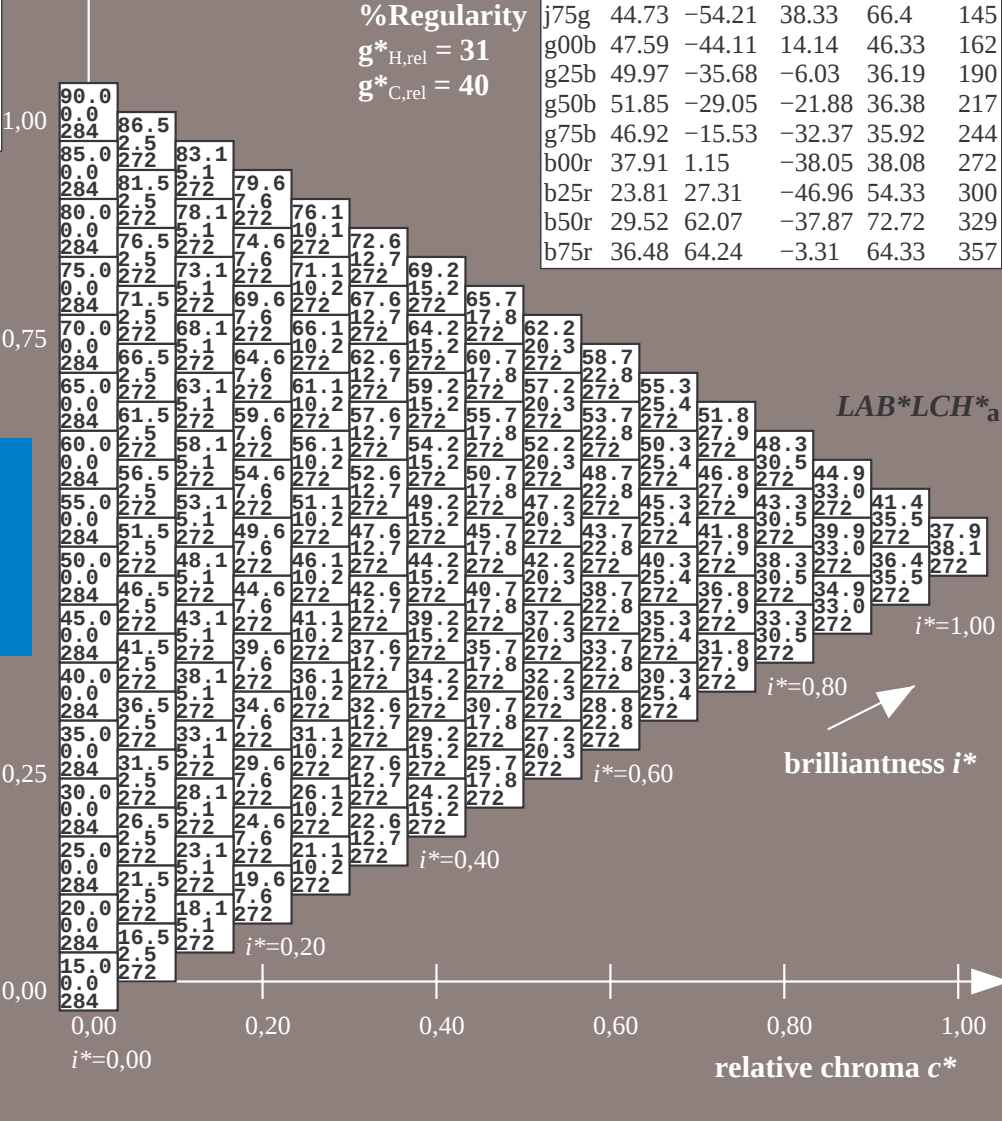
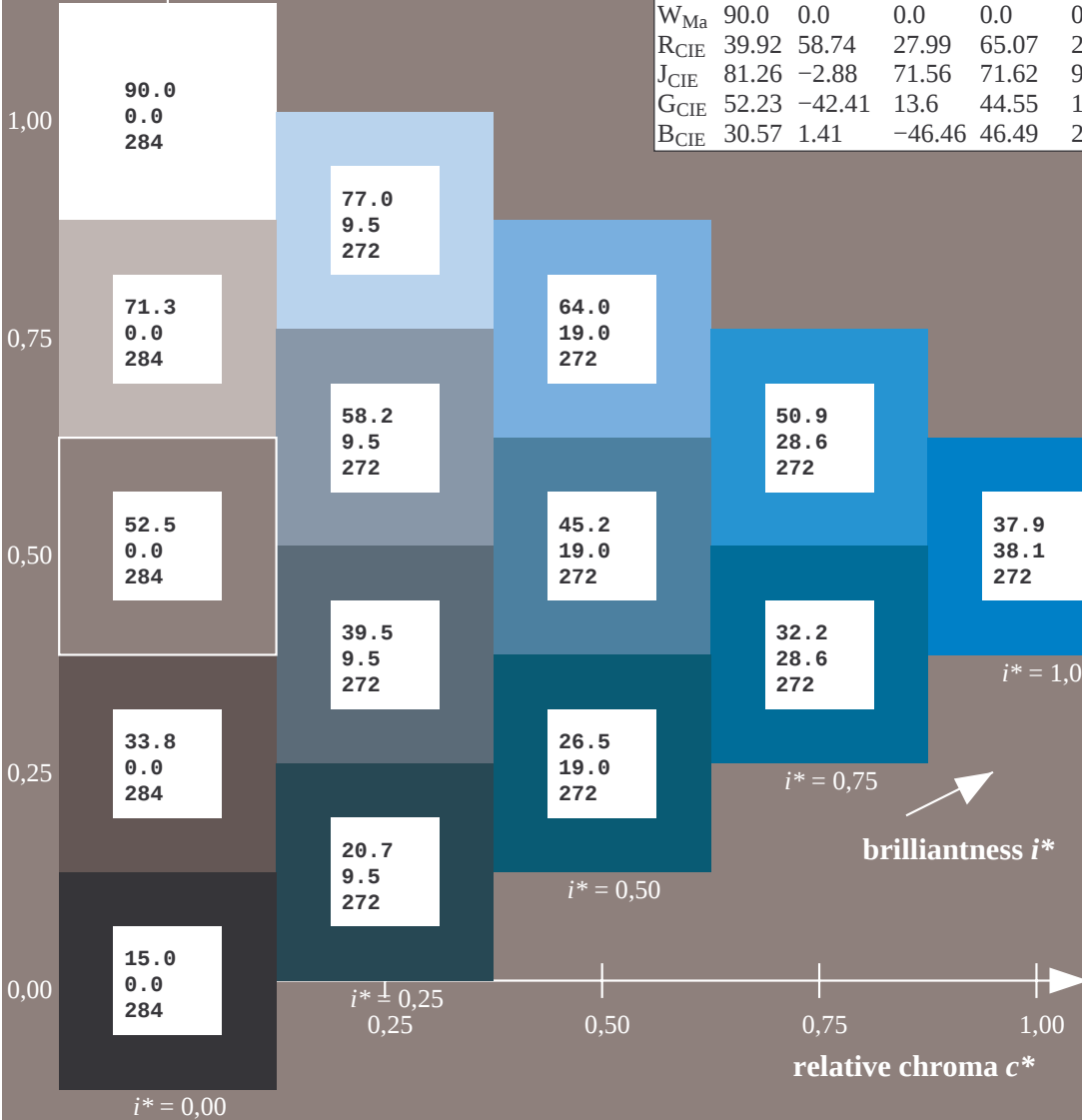


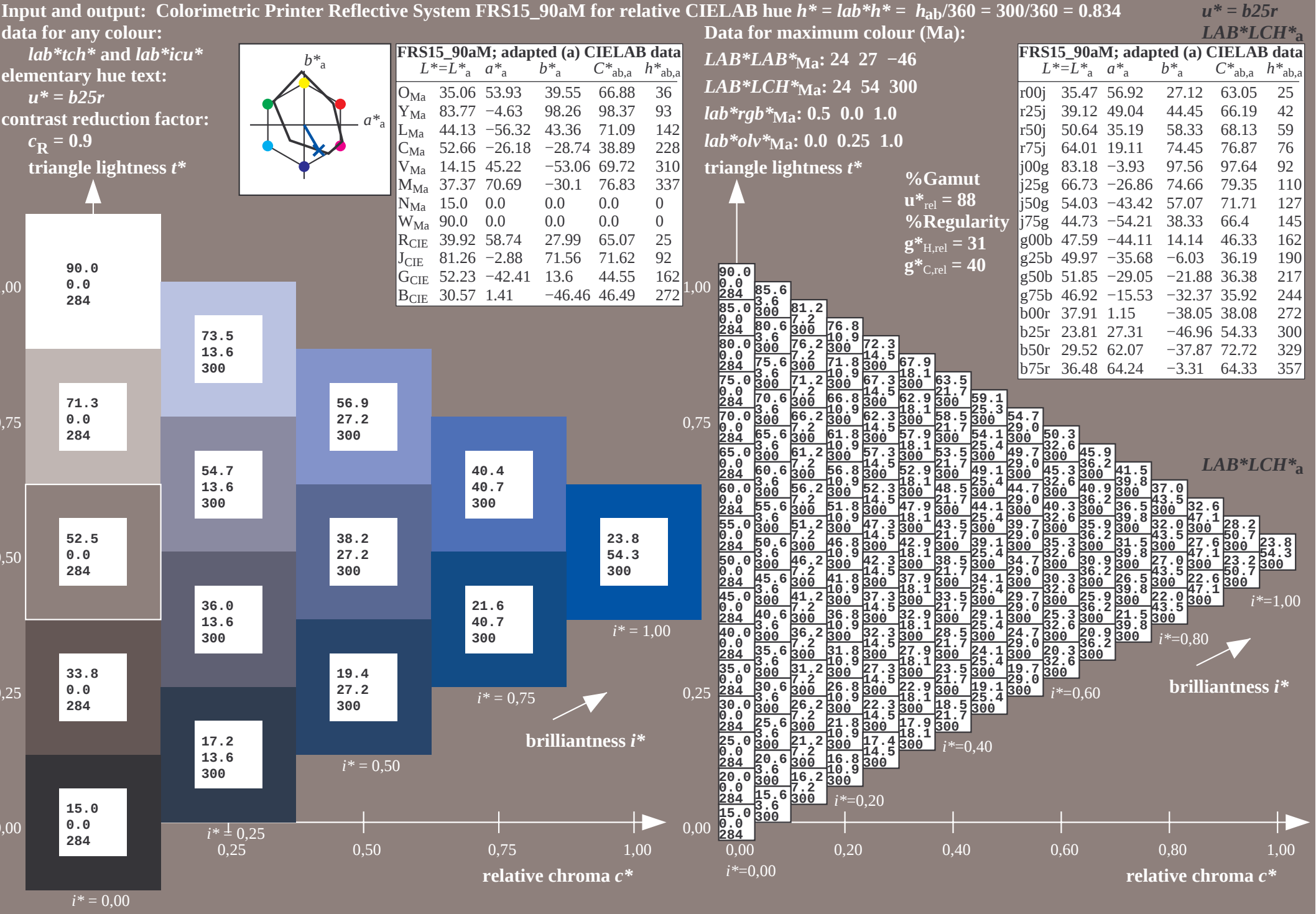
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 38 1 -37
 $LAB^*LCH^*_{Ma}$: 38 38 272
 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.62 1.0

triangle lightness t^*
 $\%Gamut$
 $u^*_{rel} = 88$
 $\%Regularity$
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357





$i^* = 1.00$

brilliantness i^*

$i^* = 0.75$

$i^* = 0.50$

$i^* = 0.25$

$i^* = 0.00$

relative chroma c^*

0.00 0.25 0.50 0.75 1.00

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

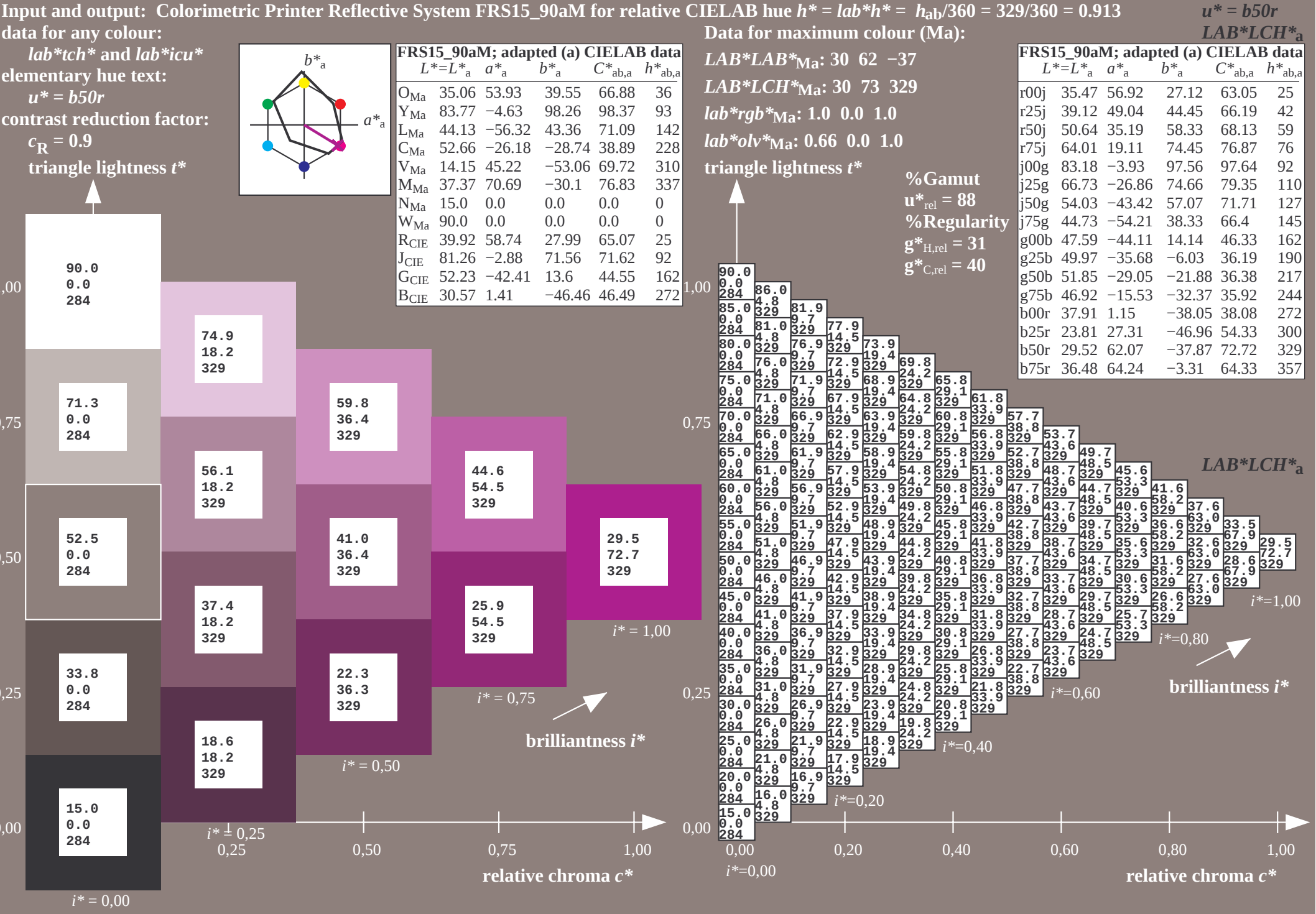
$i^* = 0.40$

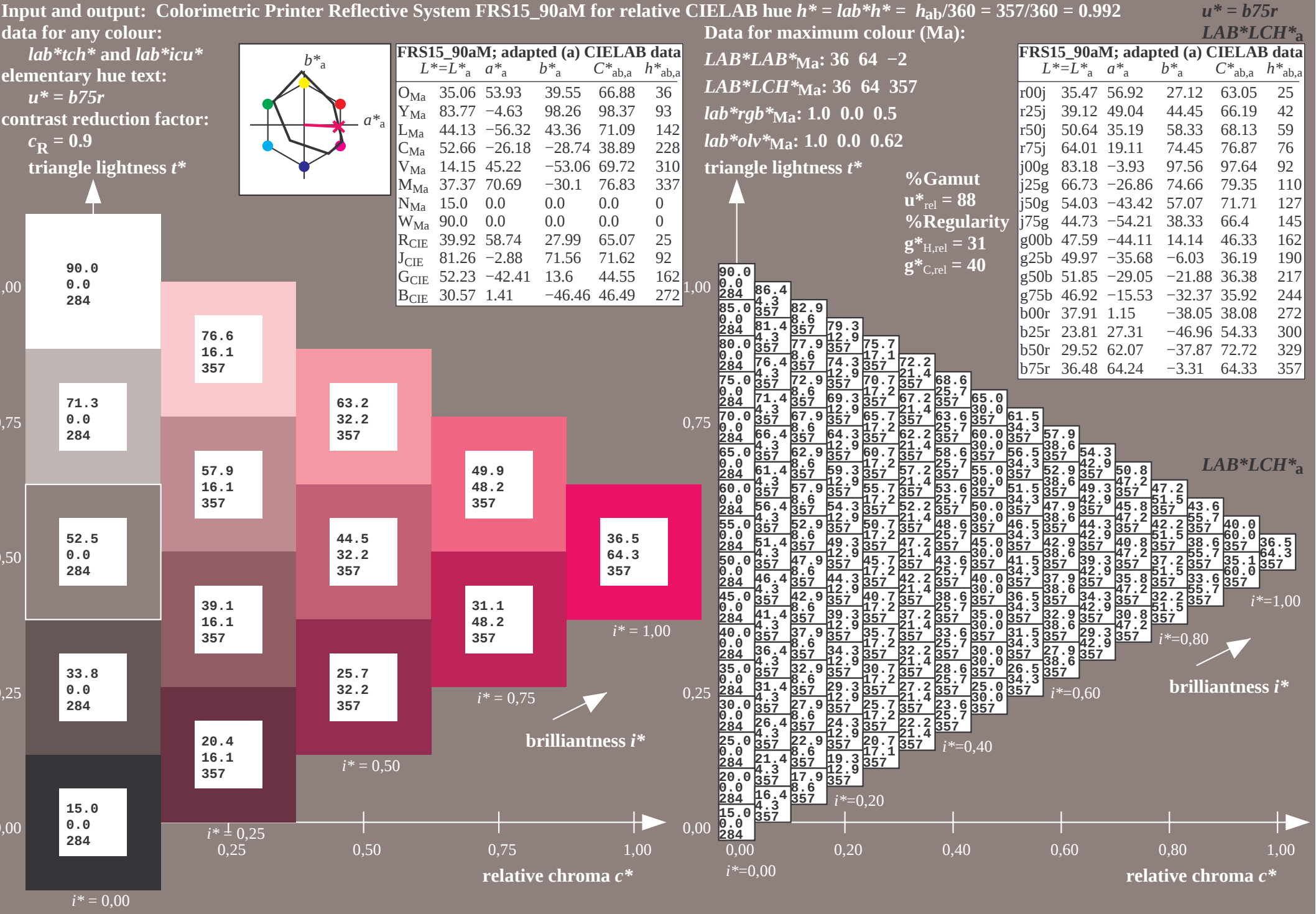
$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

0.00 0.20 0.40 0.60 0.80 1.00

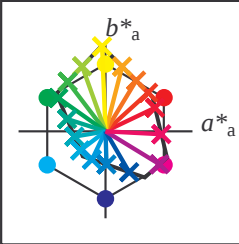




	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LCH*a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
01	15.0	18.6	22.3	25.9	29.6	33.2	36.9	40.5	44.1	17.5	23.6	27.2	30.9	34.5	38.2	41.8	45.4	49.1	20.0	26.1	32.2	35.8	39.5	43.1	46.8	50.4	54.0	57.6	61.2	64.8	68.4	72.0	75.6	79.2	82.8	86.4	90.0	93.6	97.2	100.8	104.4	108.0	111.6	115.2	118.8	122.4	126.0	129.6	133.2	136.8	140.4	144.0	147.6	151.2	154.8	158.4	162.0	165.6	169.2	172.8	176.4	180.0	183.6	187.2	190.8	194.4	198.0	201.6	205.2	208.8	212.4	216.0	219.6	223.2	226.8	230.4	234.0	237.6	241.2	244.8	248.4	252.0	255.6	259.2	262.8	266.4	270.0	273.6	277.2	280.8	284.4	288.0	291.6	295.2	298.8	302.4	306.0	309.6	313.2	316.8	320.4	324.0	327.6	331.2	334.8	338.4	342.0	345.6	349.2	352.8	356.4	360.0	363.6	367.2	370.8	374.4	378.0	381.6	385.2	388.8	392.4	396.0	399.6	403.2	406.8	410.4	414.0	417.6	421.2	424.8	428.4	432.0	435.6	439.2	442.8	446.4	450.0	453.6	457.2	460.8	464.4	468.0	471.6	475.2	478.8	482.4	486.0	489.6	493.2	496.8	500.4	504.0	507.6	511.2	514.8	518.4	522.0	525.6	529.2	532.8	536.4	540.0	543.6	547.2	550.8	554.4	558.0	561.6	565.2	568.8	572.4	576.0	579.6	583.2	586.8	590.4	594.0	597.6	601.2	604.8	608.4	612.0	615.6	619.2	622.8	626.4	630.0	633.6	637.2	640.8	644.4	648.0	651.6	655.2	658.8	662.4	666.0	669.6	673.2	676.8	680.4	684.0	687.6	691.2	694.8	698.4	702.0	705.6	709.2	712.8	716.4	720.0	723.6	727.2	730.8	734.4	738.0	741.6	745.2	748.8	752.4	756.0	759.6	763.2	766.8	770.4	774.0	777.6	781.2	784.8	788.4	792.0	795.6	799.2	802.8	806.4	810.0	813.6	817.2	820.8	824.4	828.0	831.6	835.2	838.8	842.4	846.0	849.6	853.2	856.8	860.4	864.0	867.6	871.2	874.8	878.4	882.0	885.6	889.2	892.8	896.4	900.0	903.6	907.2	910.8	914.4	918.0	921.6	925.2	928.8	932.4	936.0	939.6	943.2	946.8	950.4	954.0	957.6	961.2	964.8	968.4	972.0	975.6	979.2	982.8	986.4	990.0	993.6	997.2	1000.8	1004.4	1008.0	1011.6	1015.2	1018.8	1022.4	1026.0	1029.6	1033.2	1036.8	1040.4	1044.0	1047.6	1051.2	1054.8	1058.4	1062.0	1065.6	1069.2	1072.8	1076.4	1080.0	1083.6	1087.2	1090.8	1094.4	1098.0	1101.6	1105.2	1108.8	1112.4	1116.0	1119.6	1123.2	1126.8	1130.4	1134.0	1137.6	1141.2	1144.8	1148.4	1152.0	1155.6	1159.2	1162.8	1166.4	1170.0	1173.6	1177.2	1180.8	1184.4	1188.0	1191.6	1195.2	1198.8	1202.4	1206.0	1209.6	1213.2	1216.8	1220.4	1224.0	1227.6	1231.2	1234.8	1238.4	1242.0	1245.6	1249.2	1252.8	1256.4	1260.0	1263.6	1267.2	1270.8	1274.4	1278.0	1281.6	1285.2	1288.8	1292.4	1296.0	1299.6	1303.2	1306.8	1310.4	1314.0	1317.6	1321.2	1324.8	1328.4	1332.0	1335.6	1339.2	1342.8	1346.4	1350.0	1353.6	1357.2	1360.8	1364.4	1368.0	1371.6	1375.2	1378.8	1382.4	1386.0	1389.6	1393.2	1396.8	1400.4	1404.0	1407.6	1411.2	1414.8	1418.4	1422.0	1425.6	1429.2	1432.8	1436.4	1440.0	1443.6	1447.2	1450.8	1454.4	1458.0	1461.6	1465.2	1468.8	1472.4	1476.0	1479.6	1483.2	1486.8	1490.4	1494.0	1497.6	1501.2	1504.8	1508.4	1512.0	1515.6	1519.2	1522.8	1526.4	1530.0	1533.6	1537.2	1540.8	1544.4	1548.0	1551.6	1555.2	1558.8	1562.4	1566.0	1569.6	1573.2	1576.8	1580.4	1584.0	1587.6	1591.2	1594.8	1598.4	1602.0	1605.6	1609.2	1612.8	1616.4	1620.0	1623.6	1627.2	1630.8	1634.4	1638.0	1641.6	1645.2	1648.8	1652.4	1656.0	1659.6	1663.2	1666.8	1670.4	1674.0	1677.6	1681.2	1684.8	1688.4	1692.0	1695.6	1699.2	1702.8	1706.4	1710.0	1713.6	1717.2	1720.8	1724.4	1728.0	1731.6	1735.2	1738.8	1742.4	1746.0	1749.6	1753.2	1756.8	1760.4	1764.0	1767.6	1771.2	1774.8	1778.4	1782.0	1785.6	1789.2	1792.8	1796.4	1800.0	1803.6	1807.2	1810.8	1814.4	1818.0	1821.6	1825.2	1828.8	1832.4	1836.0	1839.6	1843.2	1846.8	1850.4	1854.0	1857.6	1861.2	1864.8	1868.4	1872.0	1875.6	1879.2	1882.8	1886.4	1890.0	1893.6	1897.2	1900.8	1904.4	1908.0	1911.6	1915.2	1918.8	1922.4	1926.0	1929.6	1933.2	1936.8	1940.4	1944.0	1947.6	1951.2	1954.8	1958.4	1962.0	1965.6	1969.2	1972.8	1976.4	1980.0	1983.6	1987.2	1990.8	1994.4	1998.0	2001.6	2005.2	2008.8	2012.4	2016.0	2019.6	2023.2	2026.8	2030.4	2034.0	2037.6	2041.2	2044.8	2048.4	2052.0	2055.6	2059.2	2062.8	2066.4	2070.0	2073.6	2077.2	2080.8	2084.4	2088.0	2091.6	2095.2	2098.8	2102.4	2106.0	2109.6	2113.2	2116.8	2120.4	2124.0	2127.6	2131.2	2134.8	2138.4	2142.0	2145.6	2149.2	2152.8	2156.4	2160.0	2163.6	2167.2	2170.8	2174.4	2178.0	2181.6	2185.2	2188.8	2192.4	2196.0	2199.6	2203.2	2206.8	2210.4	2214.0	2217.6	2221.2	2224.8	2228.4	2232.0	2235.6	2239.2	2242.8	2246.4	2250.0	2253.6	2257.2	2260.8	2264.4	2268.0	2271.6	2275.2	2278.8	2282.4	2286.0	2289.6	2293.2	2296.8	2300.4	2304.0	2307.6	2311.2	2314.8	2318.4	2322.0	2325.6	2329.2	2332.8	2336.4	2340.0	2343.6	2347.2	2350.8	2354.4	2358.0	2361.6	2365.2	2368.8	2372.4	2376.0	2379.6	2383.2	2386.8	2390.4	2394.0	2397.6	2401.2	2404.8	2408.4	2412.0	2415.6	2419.2	2422.8	2426.4	2430.0	2433.6	2437.2	2440.8	2444.4	2448.0	2451.6	2455.2	2458.8	2462.4	2466.0	2469.6	2473.2	2476.8	2480.4	2484.0	2487.6	2491.2	2494.8	2498.4	2502.0	2505.6	2509.2	2512.8	2516.4	2520.0	2523.6	2527.2	2530.8	2534.4	2538.0	2541.6	2545.2	2548.8	2552.4	2556.0	2559.6	2563.2	2566.8	2570.4	2574.0	2577.6	2581.2	2584.8	2588.4	2592.0	2595.6	2599.2	2602.8	2606.4	2610.0	2613.6	2617.2	2620.8	2624.4	2628.0	2631.6	2635.2	2638.8	2642.4	2646.0	2649.6	2653.2	2656.8	2660.4	2664.0	2667.6	2671.2	2674.8	2678.4	2682.0	2685.6	2689.2	2692.8	2696.4	2700.0	2703.6	2707.2	2710.8	2714.4	2718.0	2721.6	2725.2	2728.8	2732.4	2736.0	2739.6	2743.2	2746.8	2750.4	2754.0	2757.6	2761.2	2764.8	2768.4	2772.0	2775.6	2779.2	2782.8	2786.4	2790.0	2793.6	2797.2	2800.8	2804.4	2808.0	2811.6	2815.2	2818.8	2822.4	2826.0	2829.6	2833.2	2836.8	2840.4	2844.0	2847.6	2851.2	2854.8	2858.4	2862.0	2865.6	2869.2	2872.8	2876.4	2880.0	2883.6	2887.2	2890.8	2894.4	2898.0	2901.6	2905.2	2908.8	2912.4	2916.0	2919.6	2923.2	2926.8	2930.4	2934.0	2937.6	2941.2	2944.8	2948.4	2952.0	2955.6	2959.2	2962.8	2966.4	2970.0	2973.6	2977.2	2980.8	2984.4	2988.0	2991.6	2995.2	2998.8	3002.4	3006.0	3009.6	3013.2	3016.8	3020.4	3024.0	3027.6	3031.2	3034.8	3038.4	3042.0	3045.6	3049.2	3052.8	3056.4	3060.0	3063.6	3067.2	3070.8	3074.4	3078.0	3081.6	3085.2	3088.8	3092.4	3096.0	3099.6

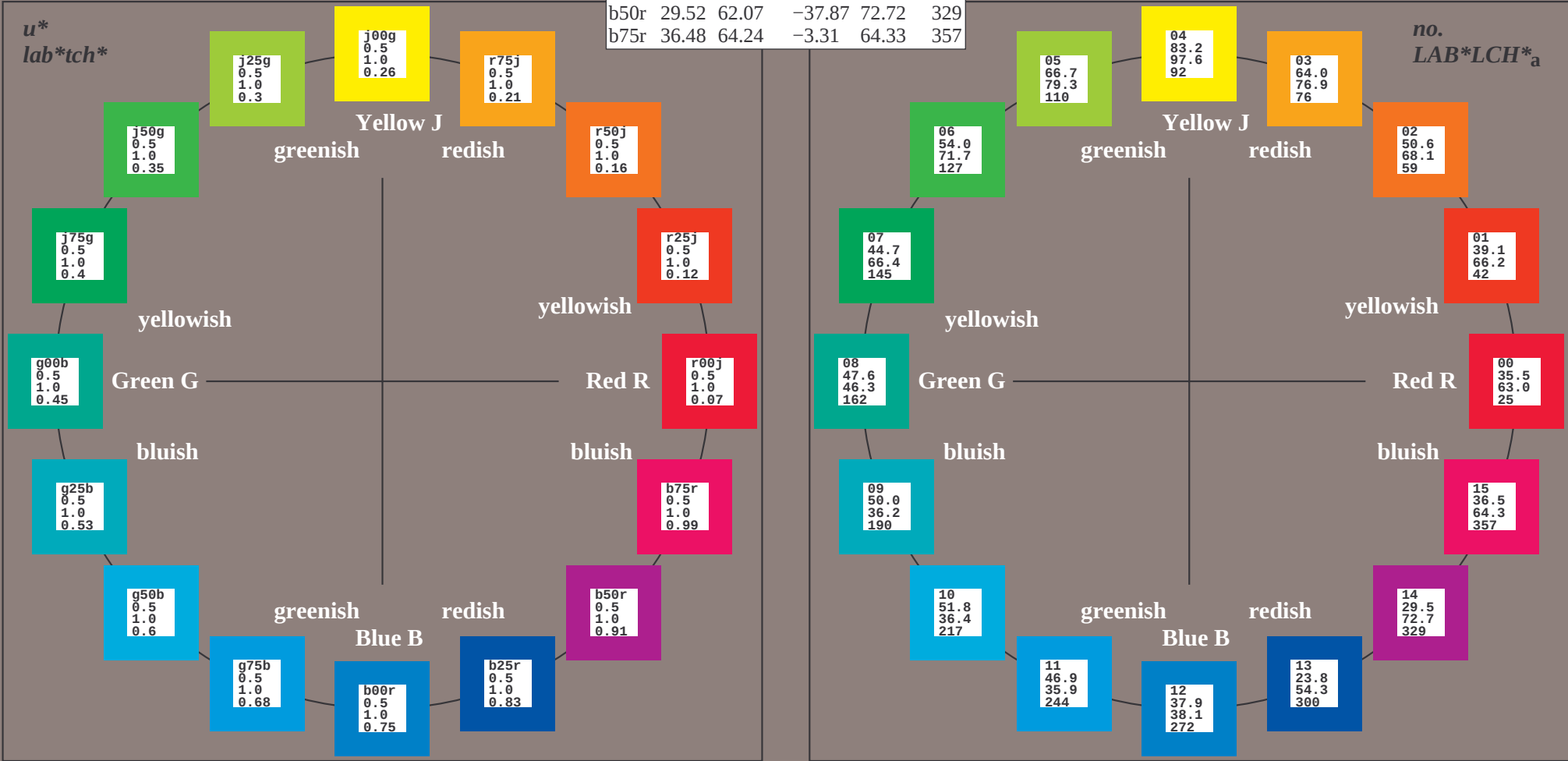
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
c_R = 0.9

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



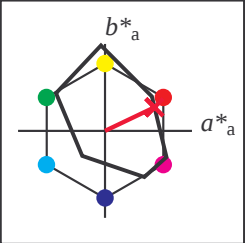
% Gamut
u_{rel}^{*} = 88
% Regularity
g_{H,rel}^{*} = 31
g_{C,rel}^{*} = 40

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r00j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

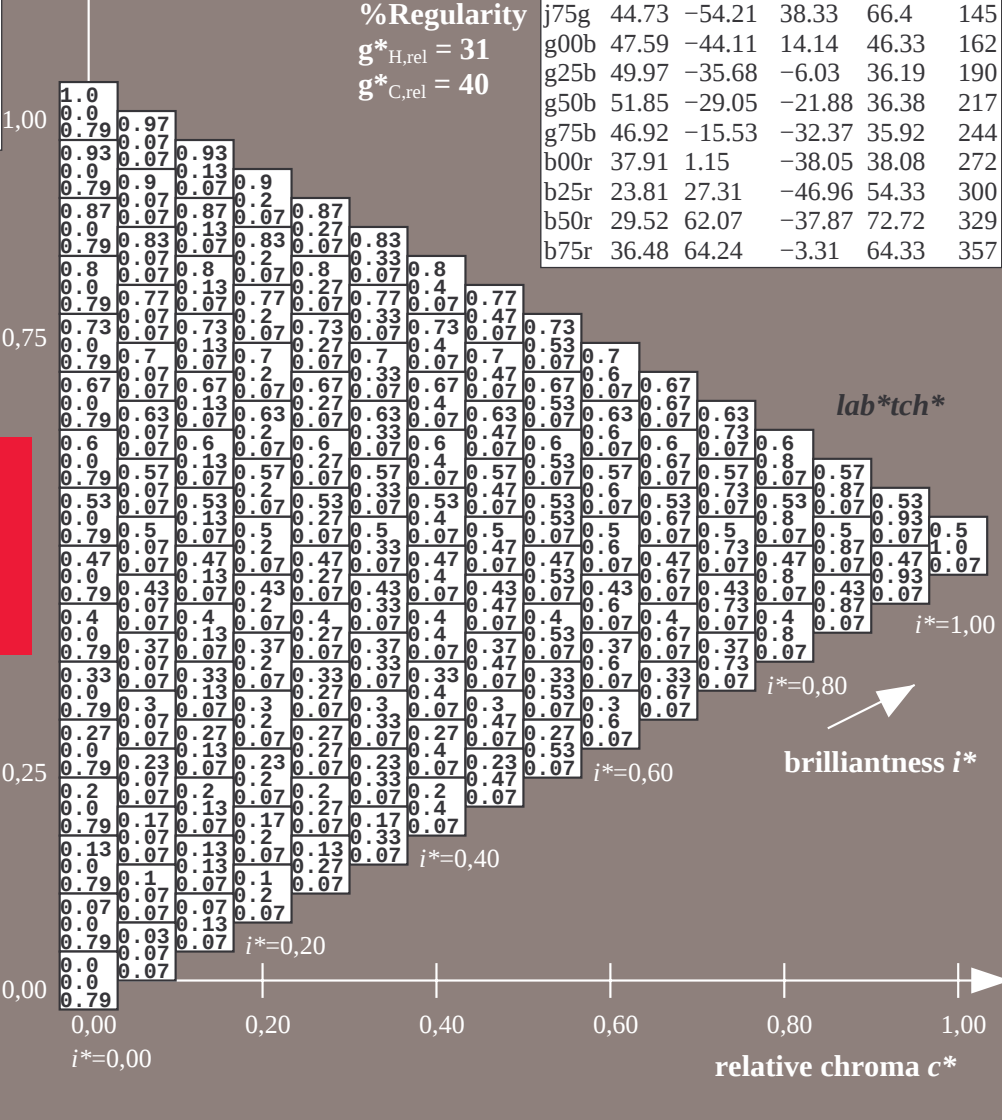
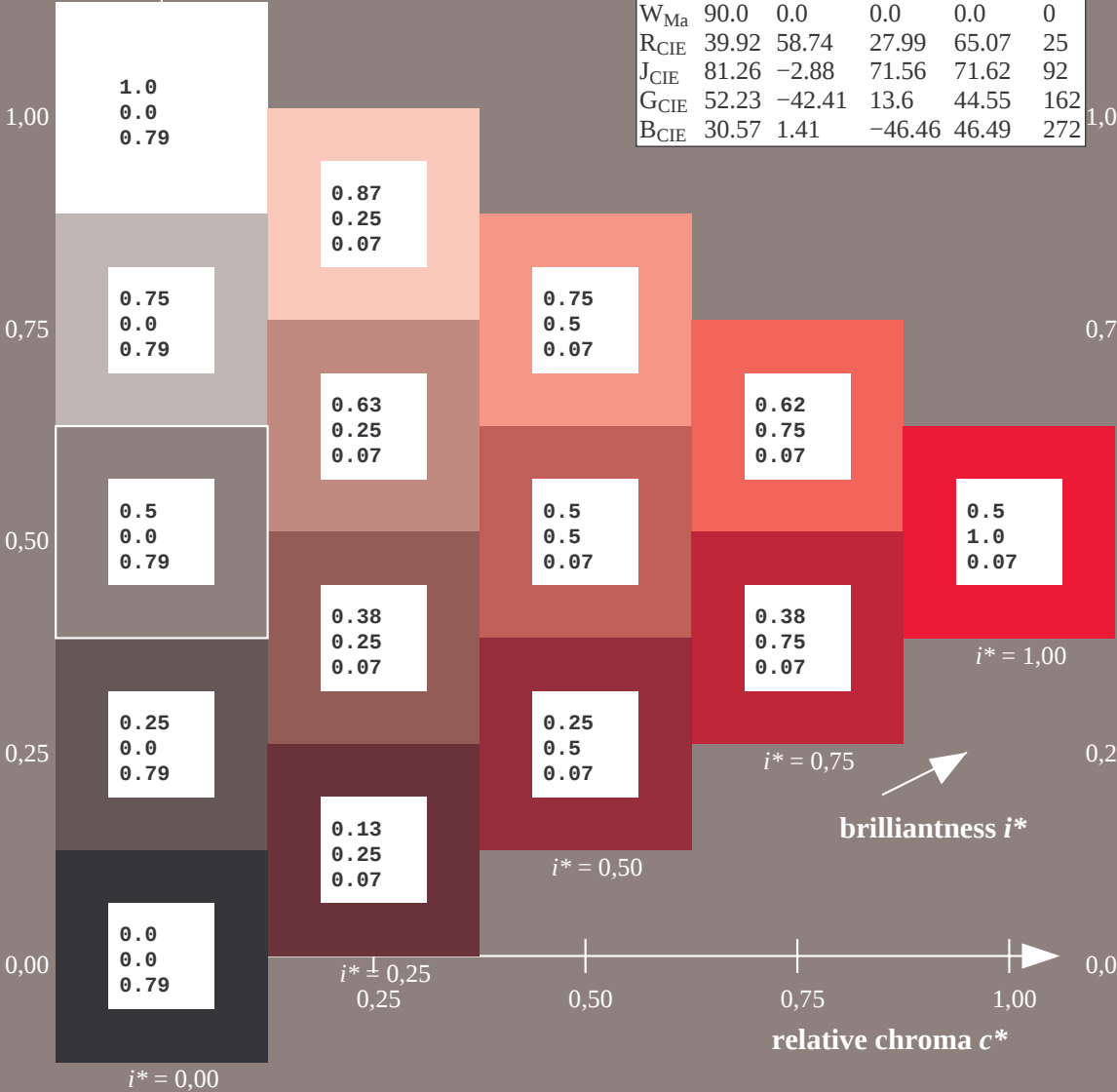


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 35 57 27
 $LAB^*LCH^*_{Ma}$: 35 63 25
 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.0 0.18
triangle lightness t^*

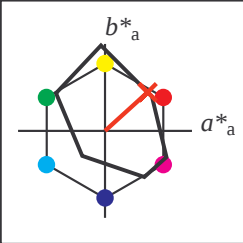
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r25j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



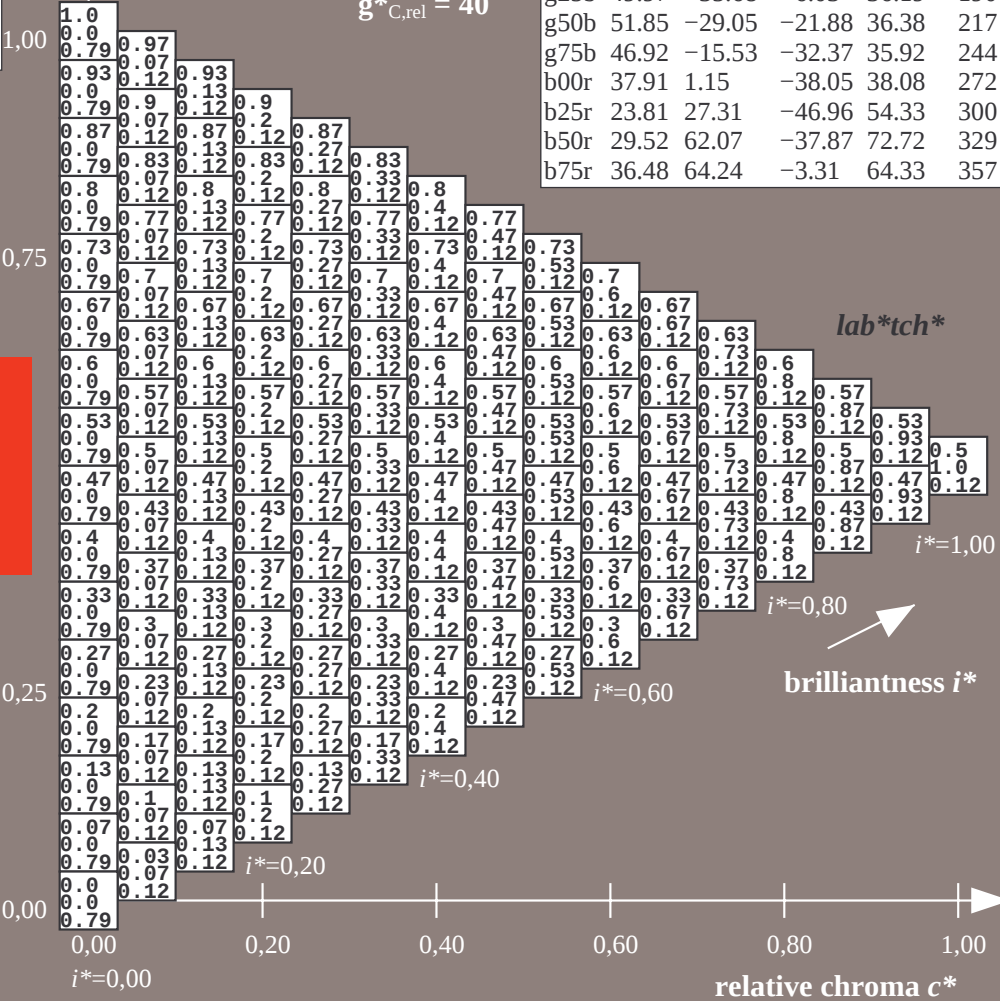
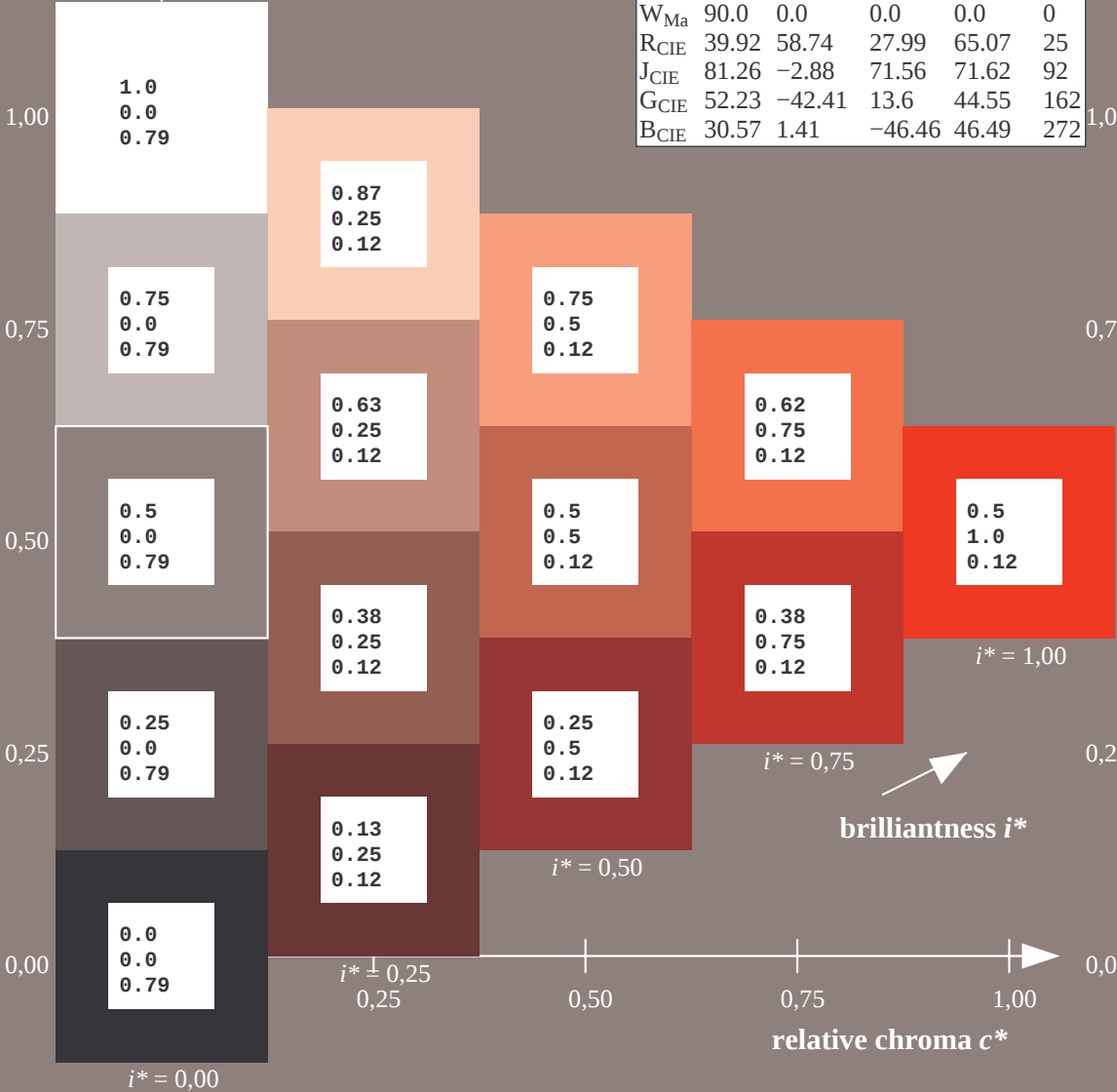
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

$u^* = r25j$
 lab^*tch^*

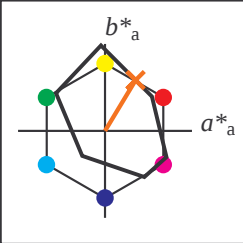
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r50j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



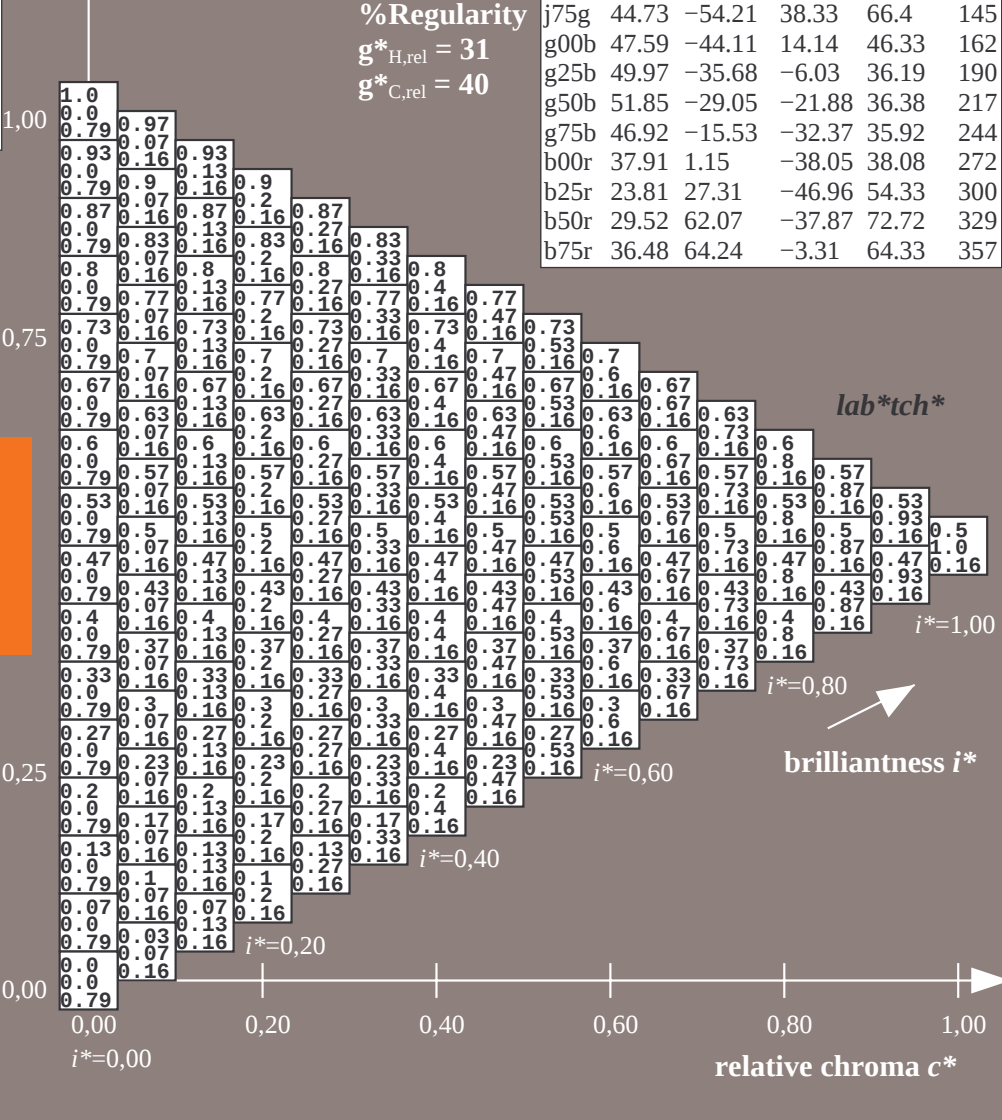
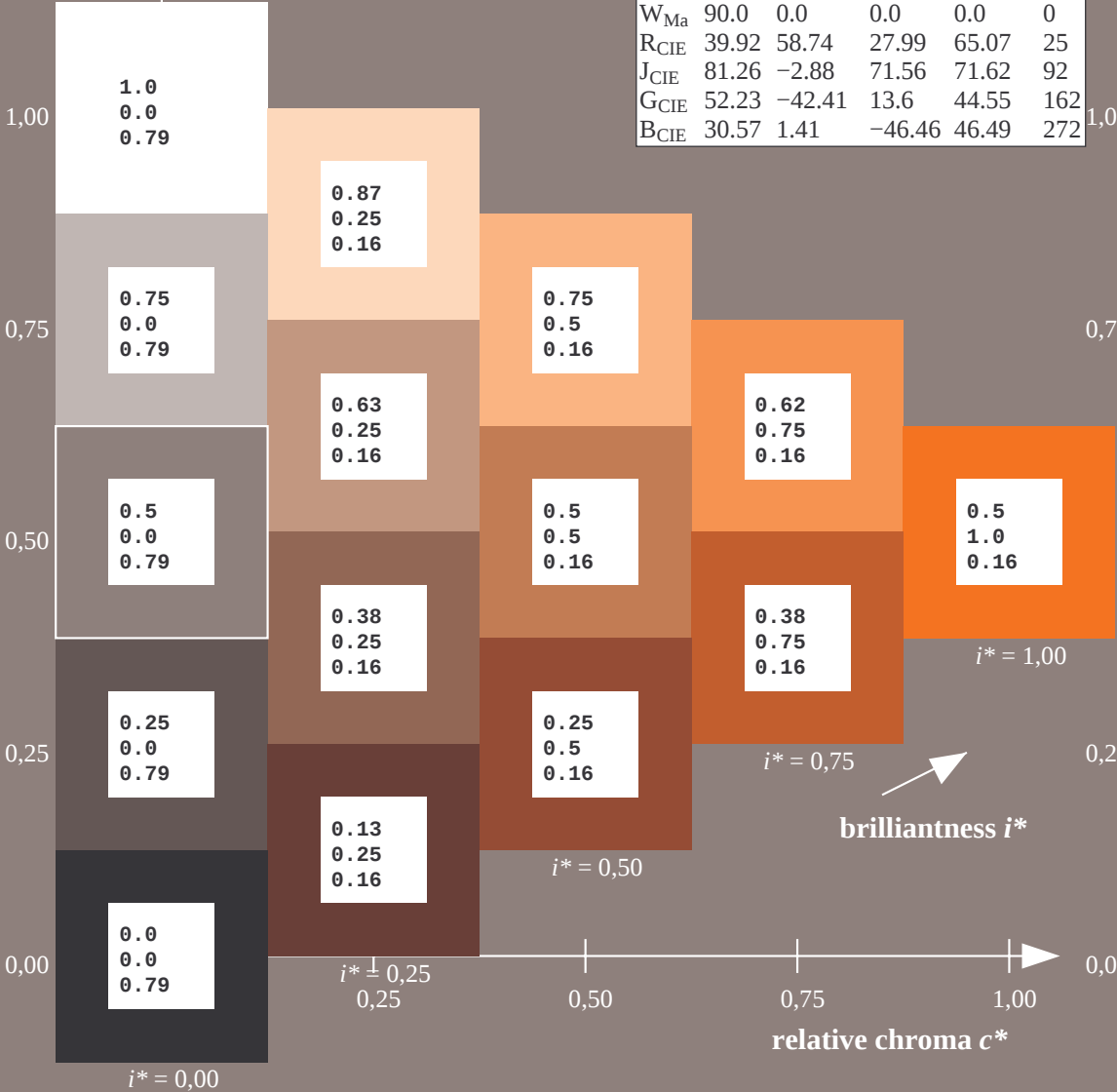
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 51 35 58
 $LAB^*LCH^*_{Ma}$: 51 68 59
 $lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.32 0.0

triangle lightness t^*

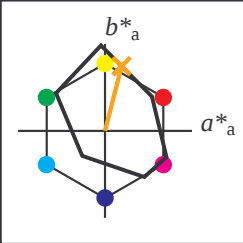
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r75j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



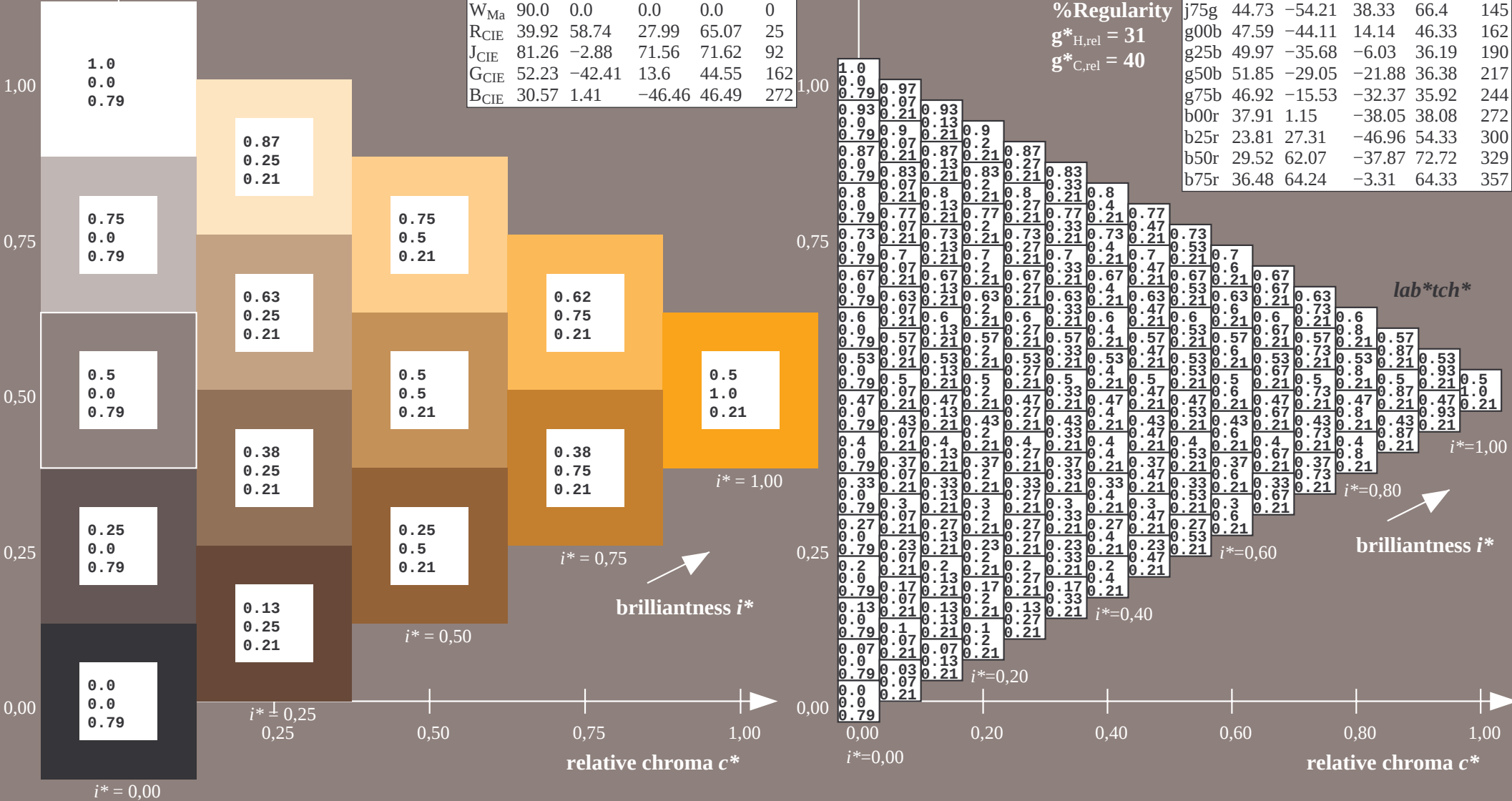
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

triangle lightness t^*

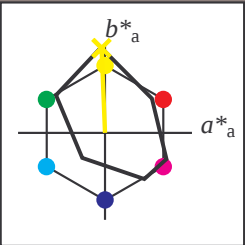
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j00g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

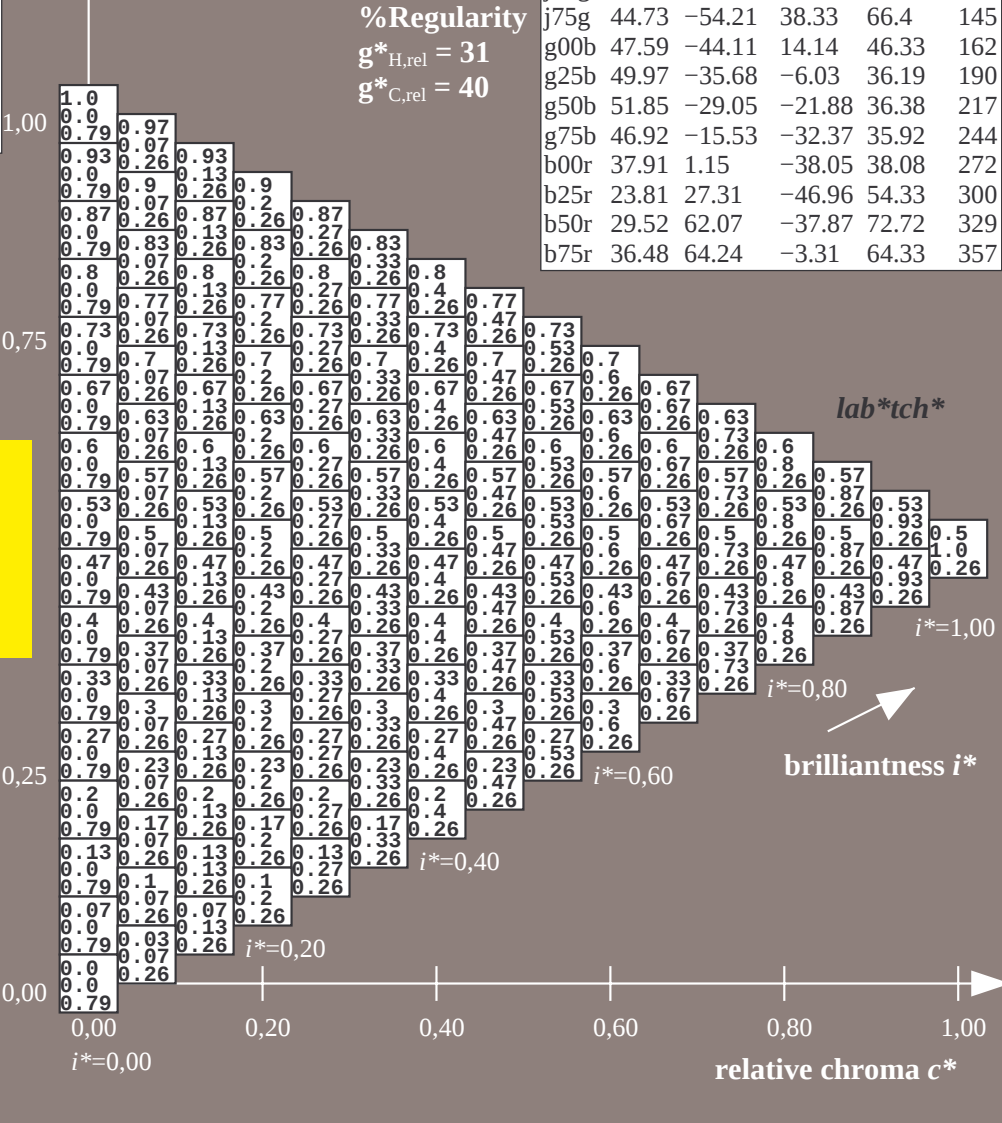
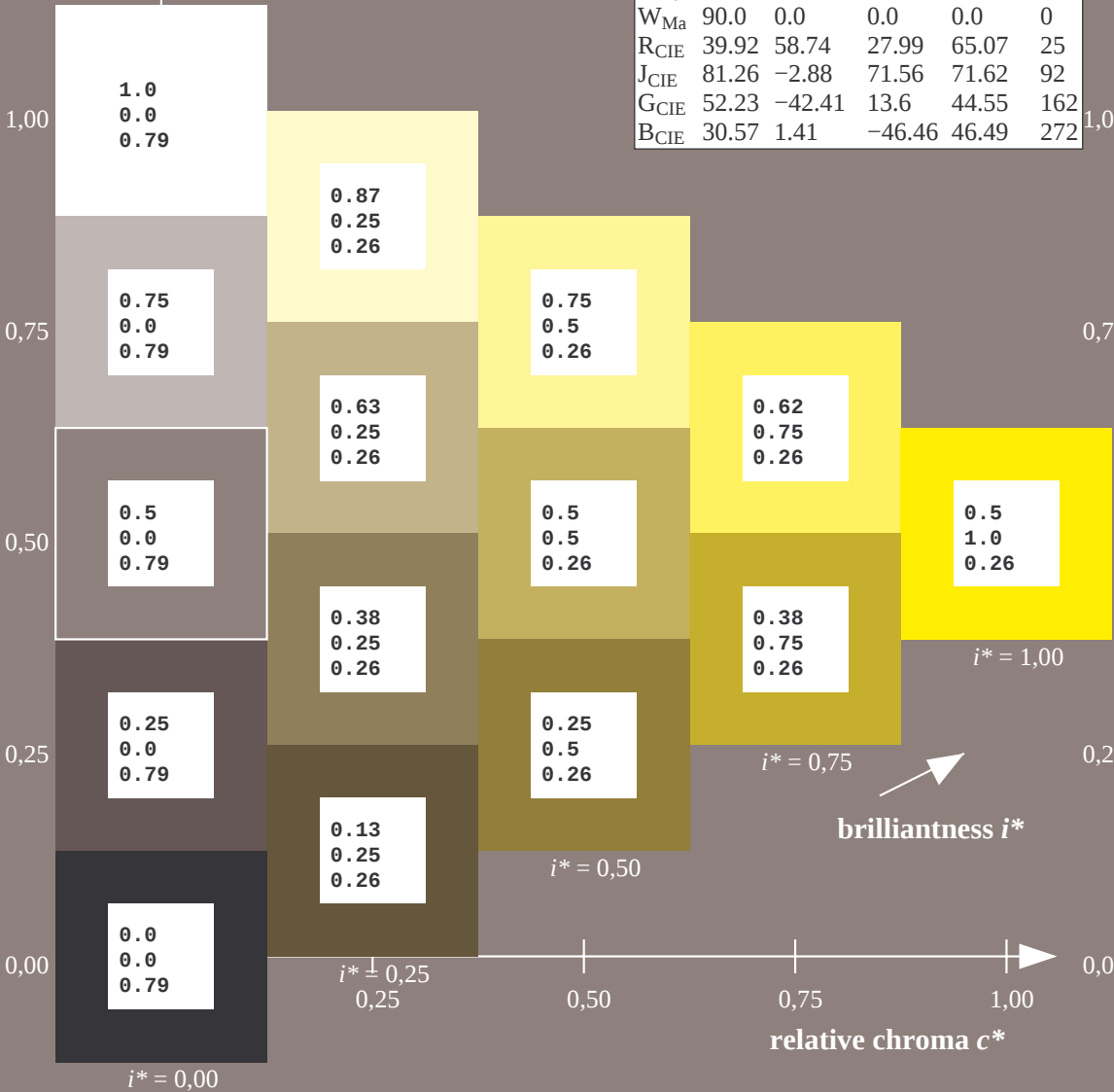
Data for maximum colour (Ma):

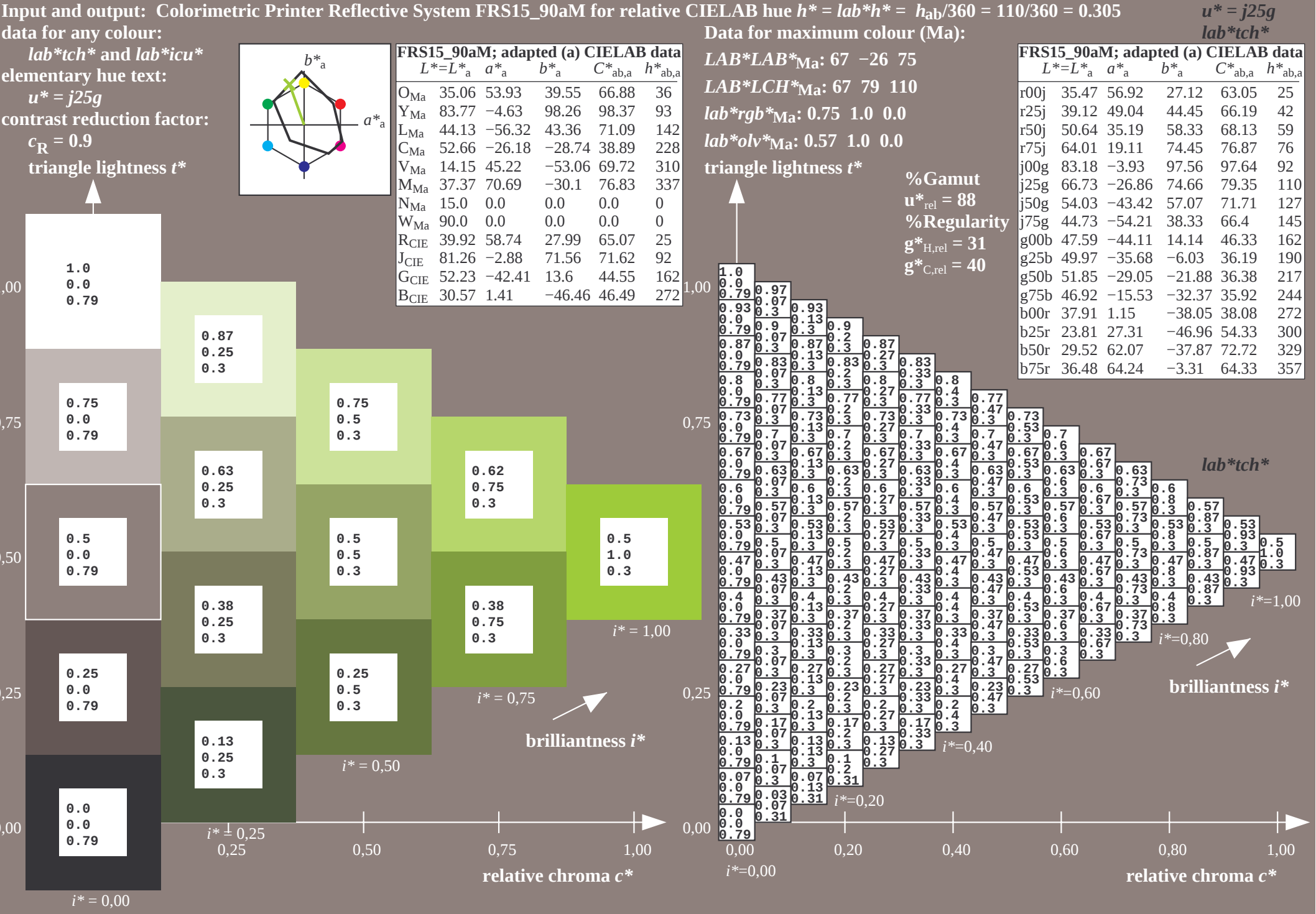
$LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

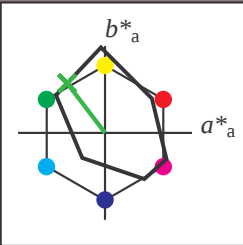
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357





Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j50g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



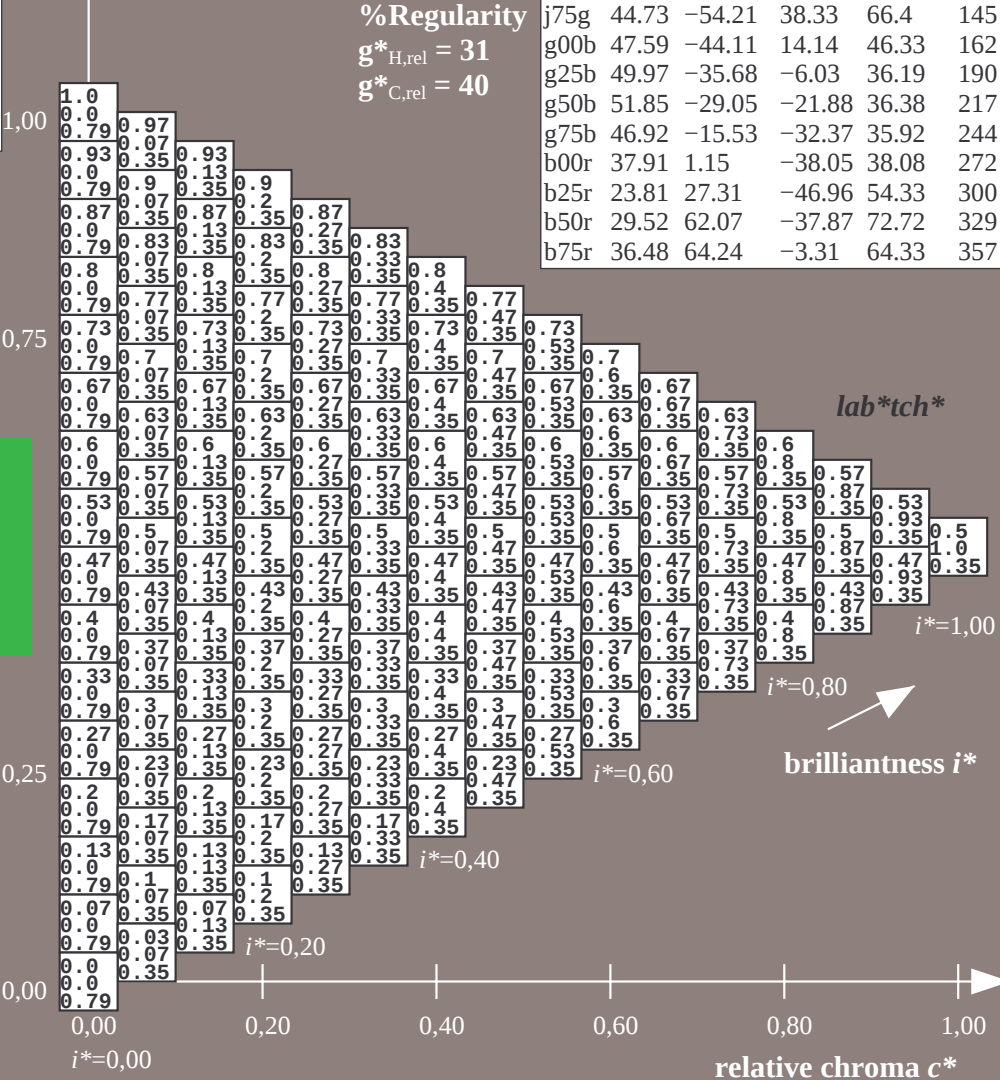
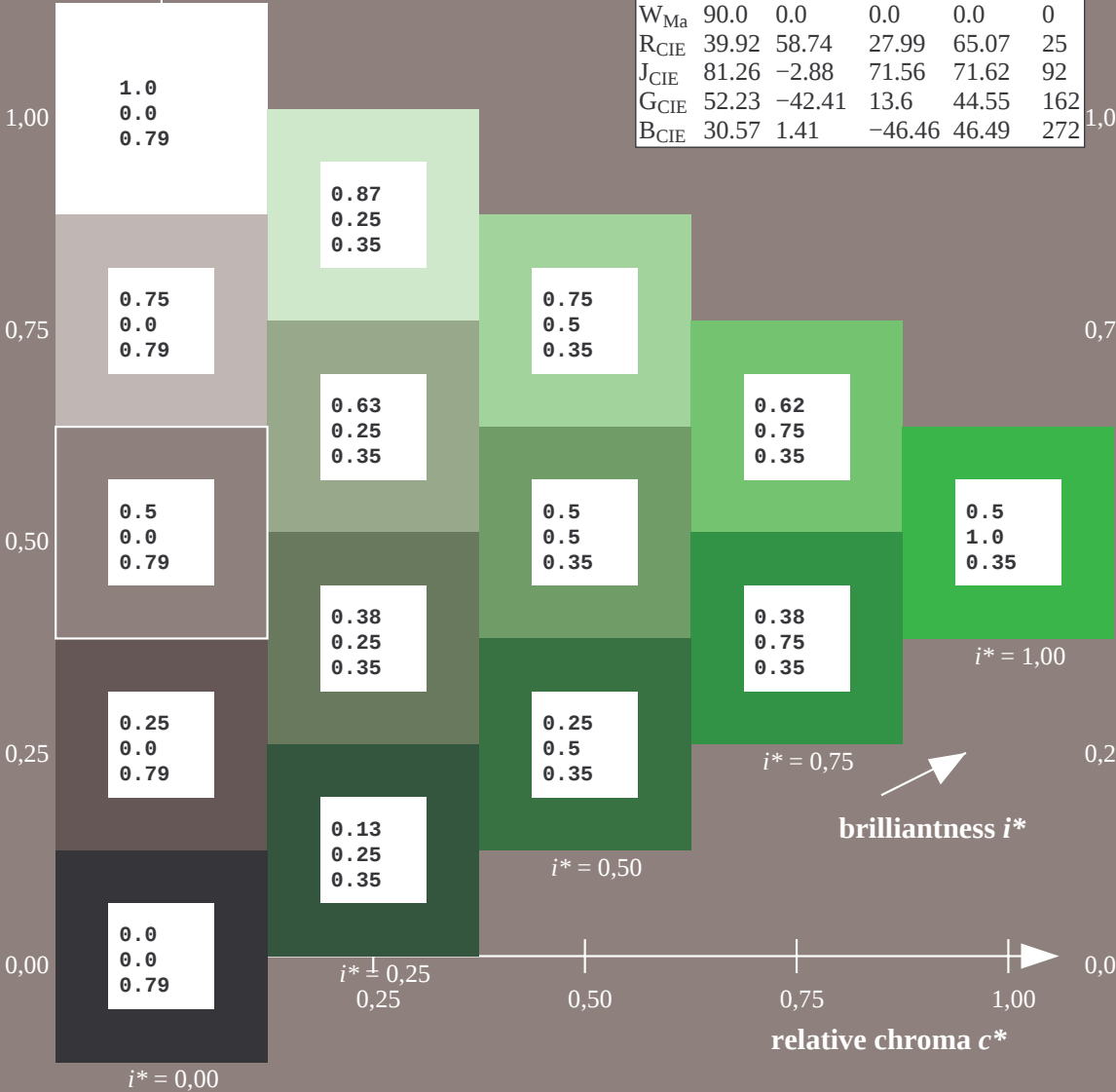
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 54 -42 57
 $LAB^*LCH^*_{Ma}$: 54 72 127
 $lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.25 1.0 0.0

$u^* = j50g$
 lab^*tch^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



$$u^* = j75g$$

Data for maximum colour (Ma):

*lab*tch**

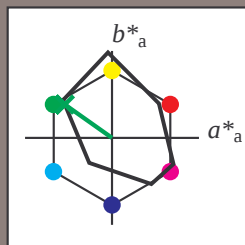
LAB*LAB*Ma: 45 -53 38

LAB*LCH*Ma: 45 66 145

lab*rgb*_Ma: 0.25 1.0 0.0

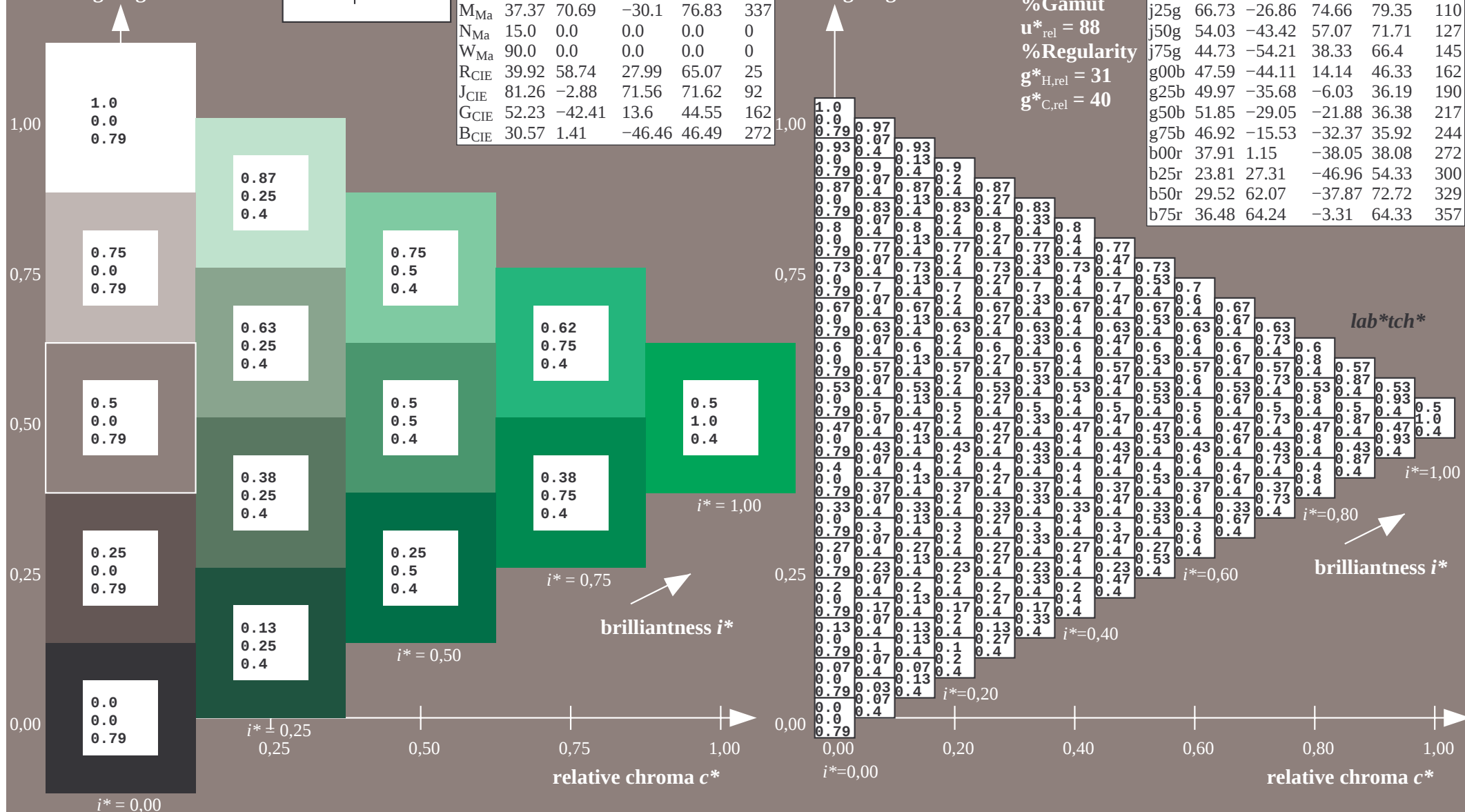
*lab*olv**Ma: 0.0 1.0 0.07

triangle lightness t^*



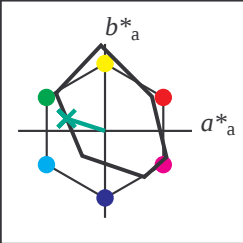
FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

FRS15_90aM; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g00b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



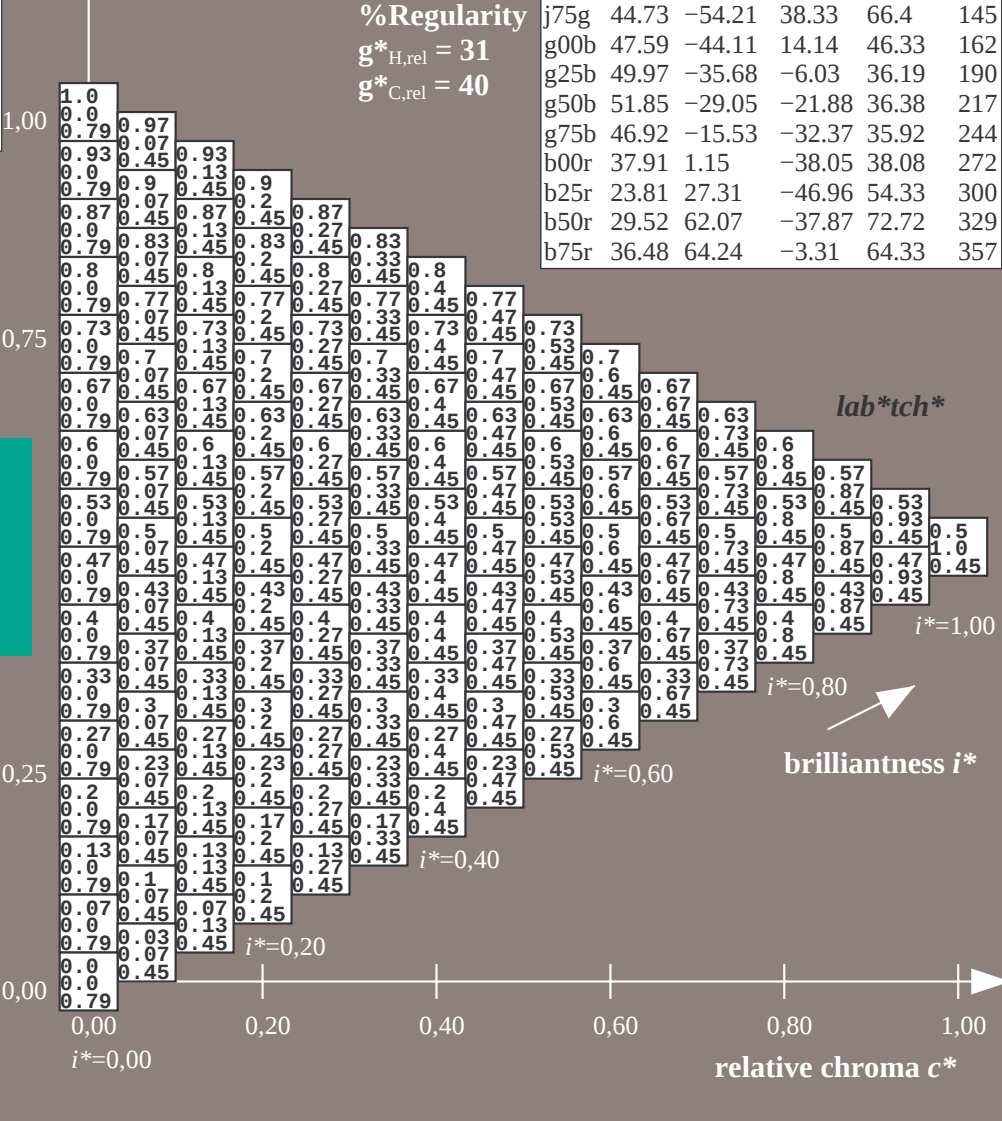
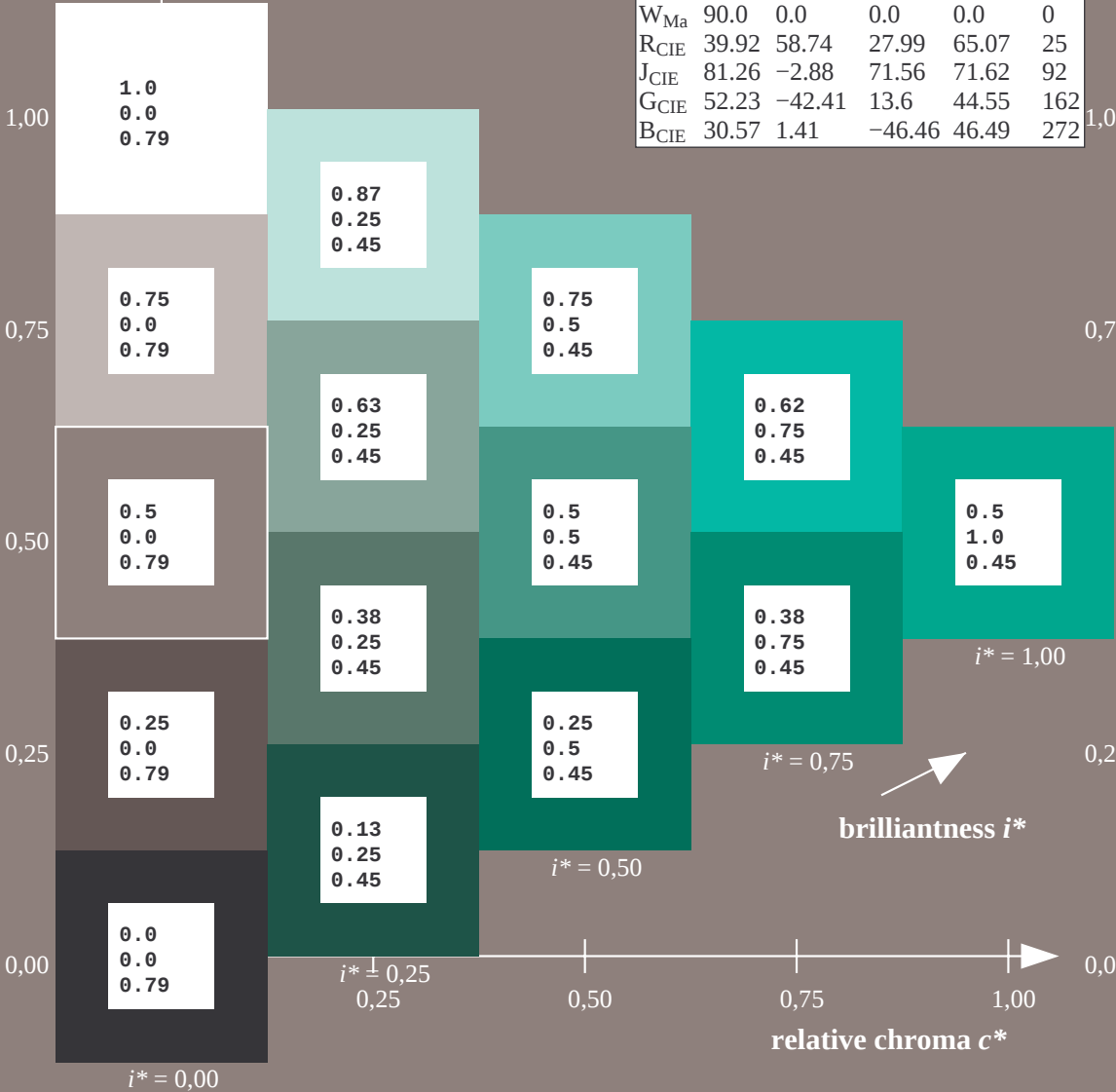
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 48 -43 14
 $LAB^*LCH^*_{Ma}$: 48 46 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.41

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



$$u^* = g25b$$

Data for maximum colour (Ma):

*lab*tch**

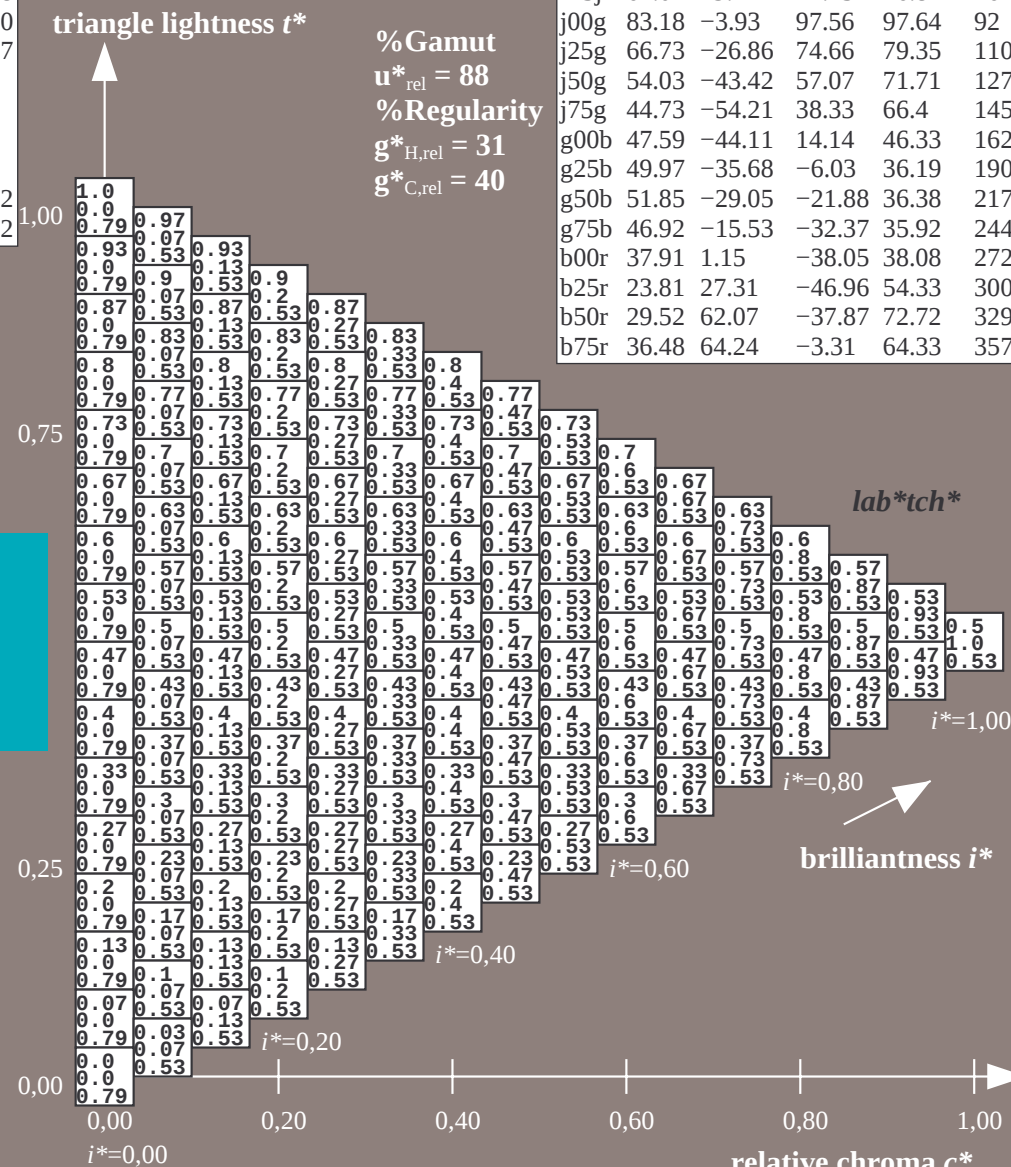
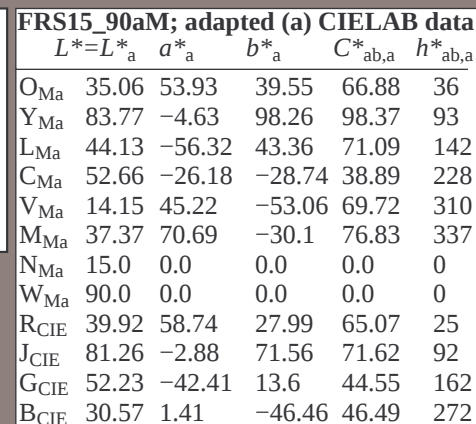
LAB*LAB*Ma: 50 -35 -5

LAB*LCH*Ma: 50 36 190

*lab*rgb*_Ma: 0.0 1.0 0.5*

lab*olv*Ma: 0.0 1.0 0.69

triangle lightness t^*



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$$u^* = g50b$$

Data for maximum colour (Ma):

*lab*tch**

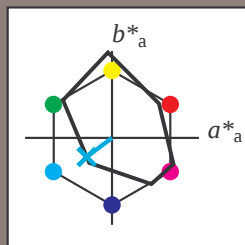
*LAB*LAB**_{Ma}: 52 -28 -21

LAB*LCH*Ma: 52 36 217

*lab*rgb*_Ma: 0.0 1.0 1.0*

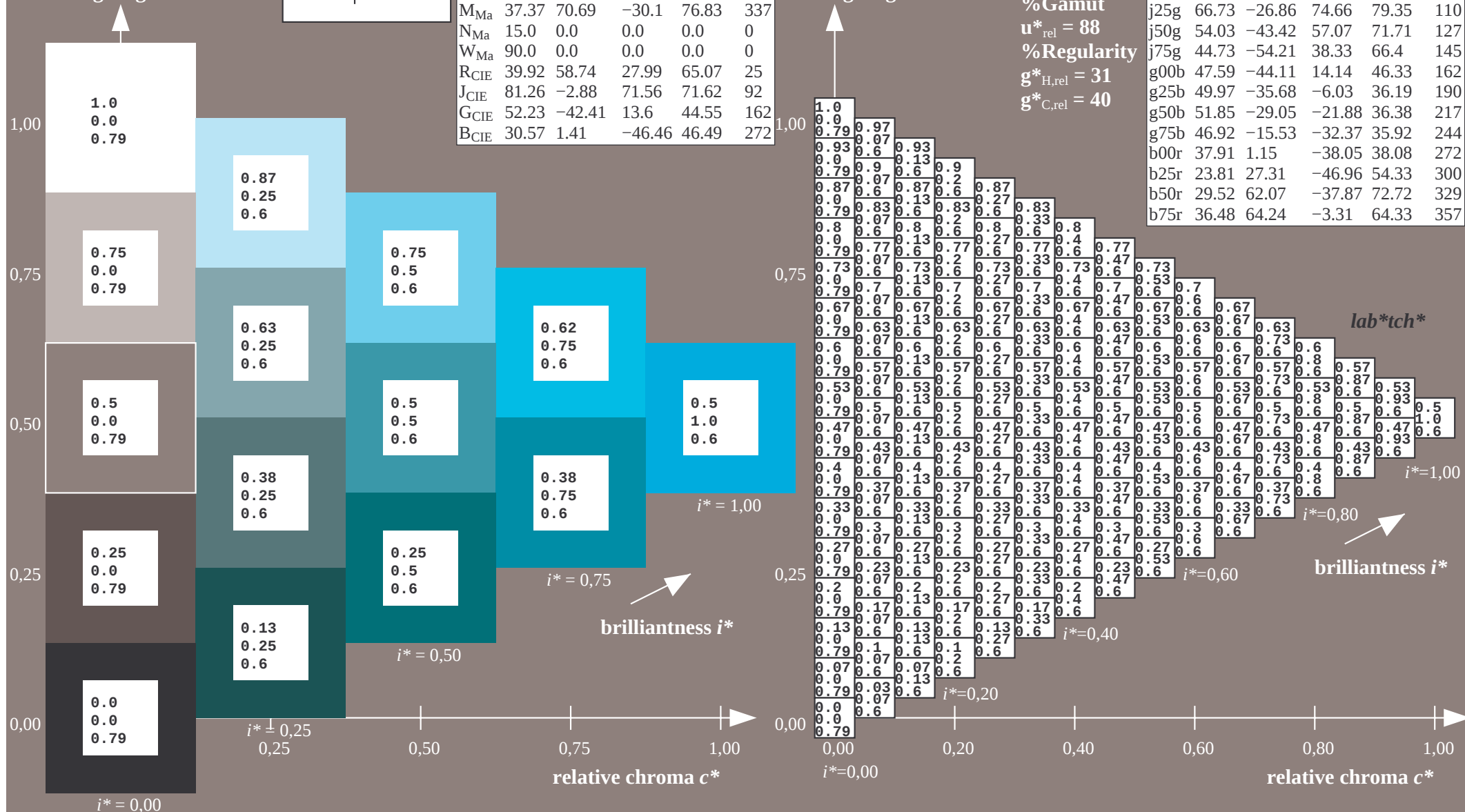
lab*olv*Ma: 0.0 1.0 0.9

triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

FRS15_90aM; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



$$u^* = g75b$$

Data for maximum colour (Ma):

*lab*tch**

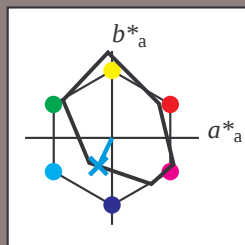
LAB*LAB*_{Ma}: 47 -15 -31

LAB*LCH*_{Ma}: 47 36 244

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

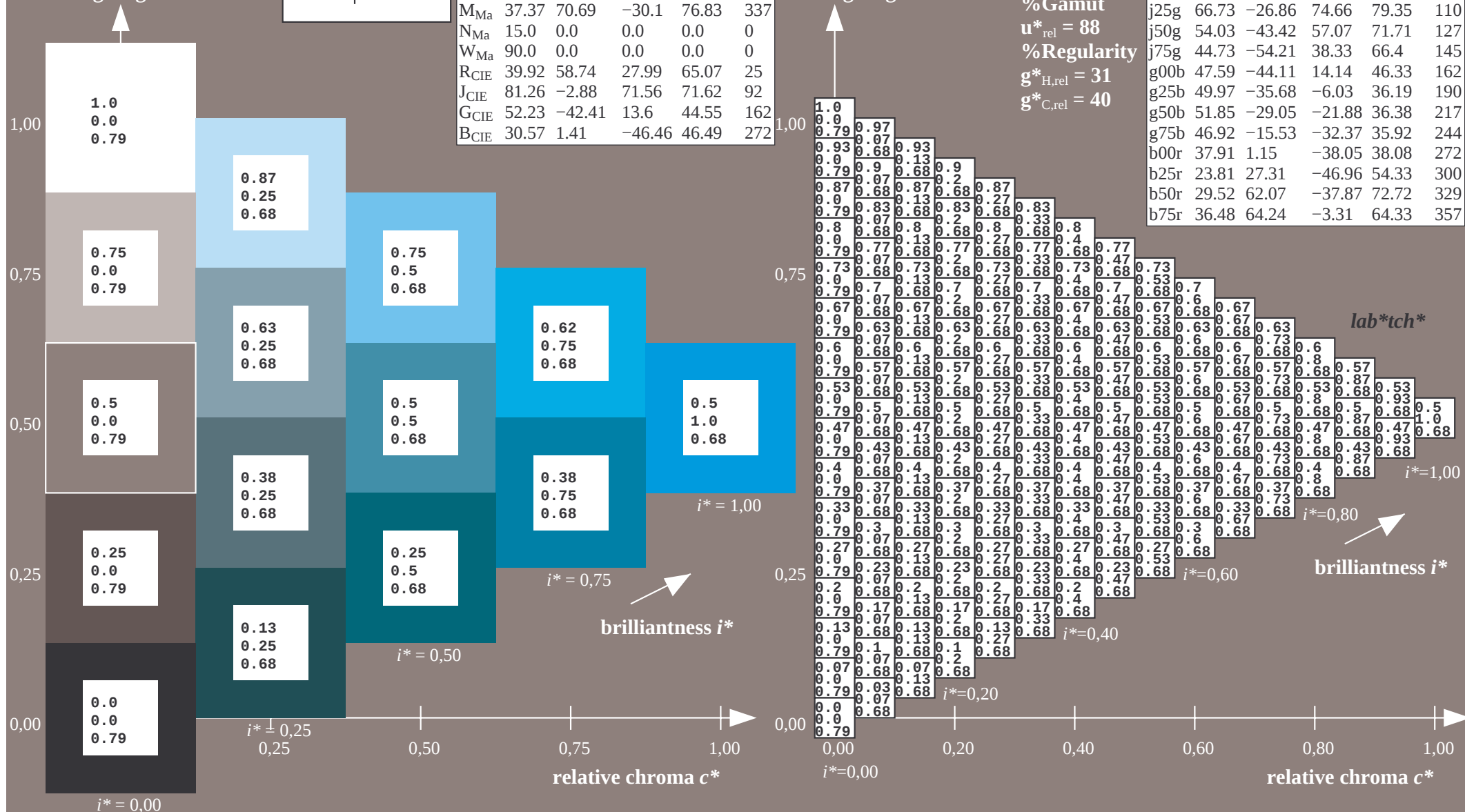
*lab*olv**Ma: 0.0 0.85 1.0

triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

FRS15_90aM; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



$$u^* = b00r$$

Data for maximum colour (Ma):

*lab*tch**

*LAB*LAB**_{Ma}: 38 1 -37

LAB*LCH*Ma: 38 38 272

lab*rgb*Ma: 0.0 0.0 1.0

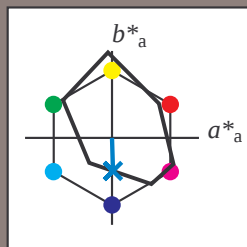
*lab*olv**Ma: 0.0 0.62 1.0

triangle lightness t^*

%Gamut

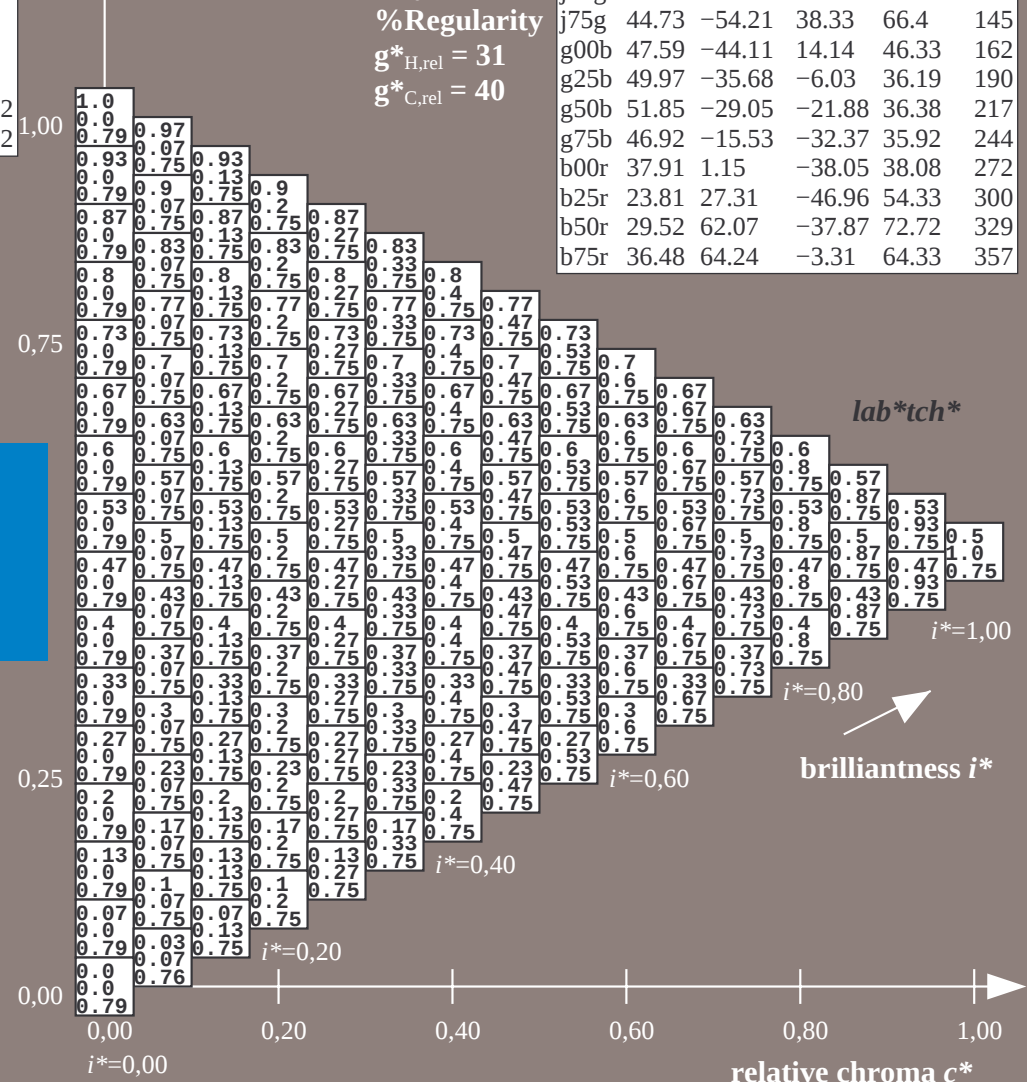
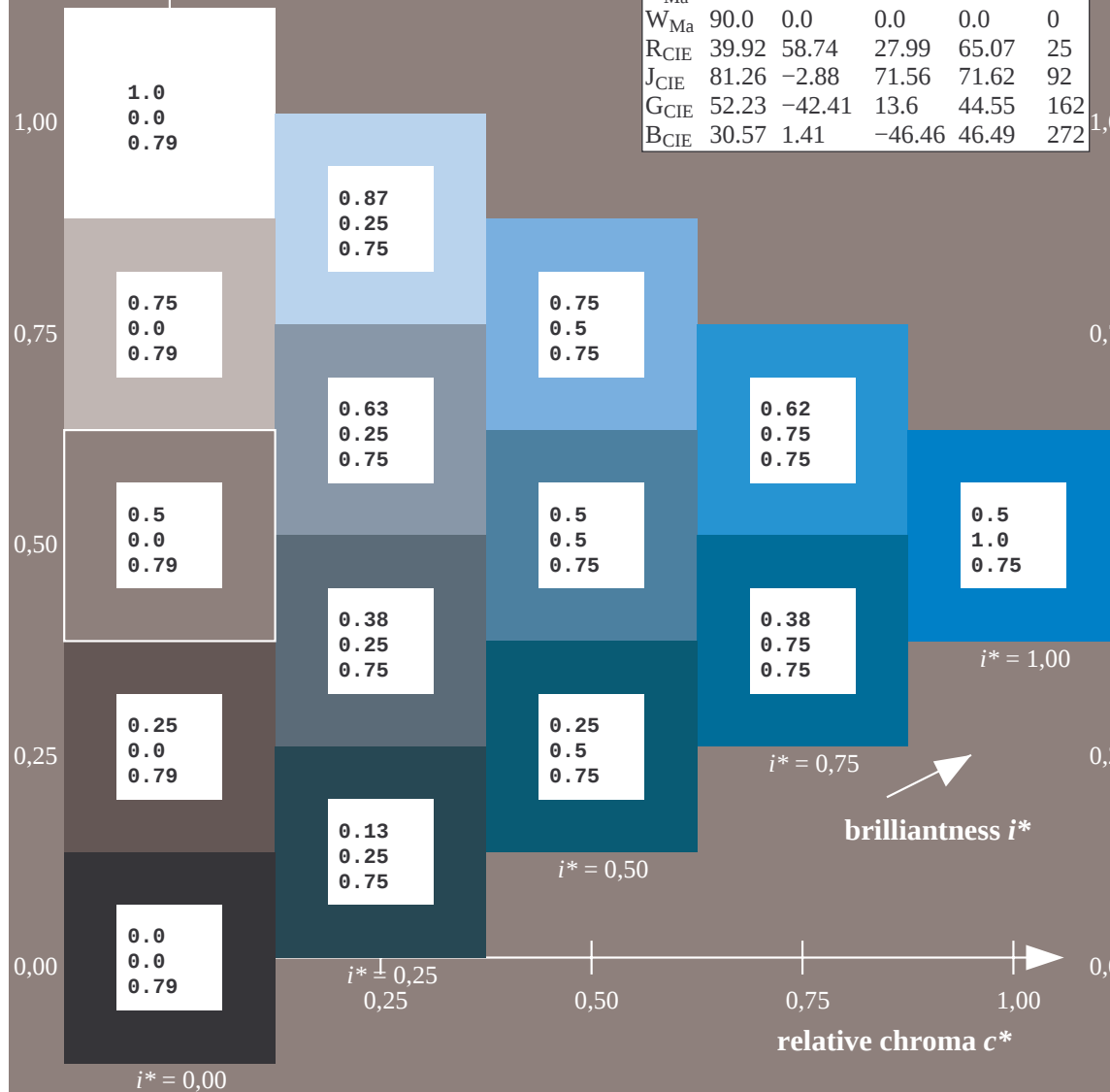
$$\mathbf{u}_{\text{rel}}^* = 88$$

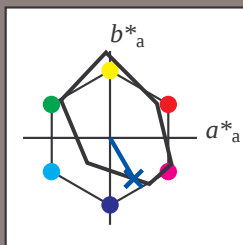
%Regular

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


FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



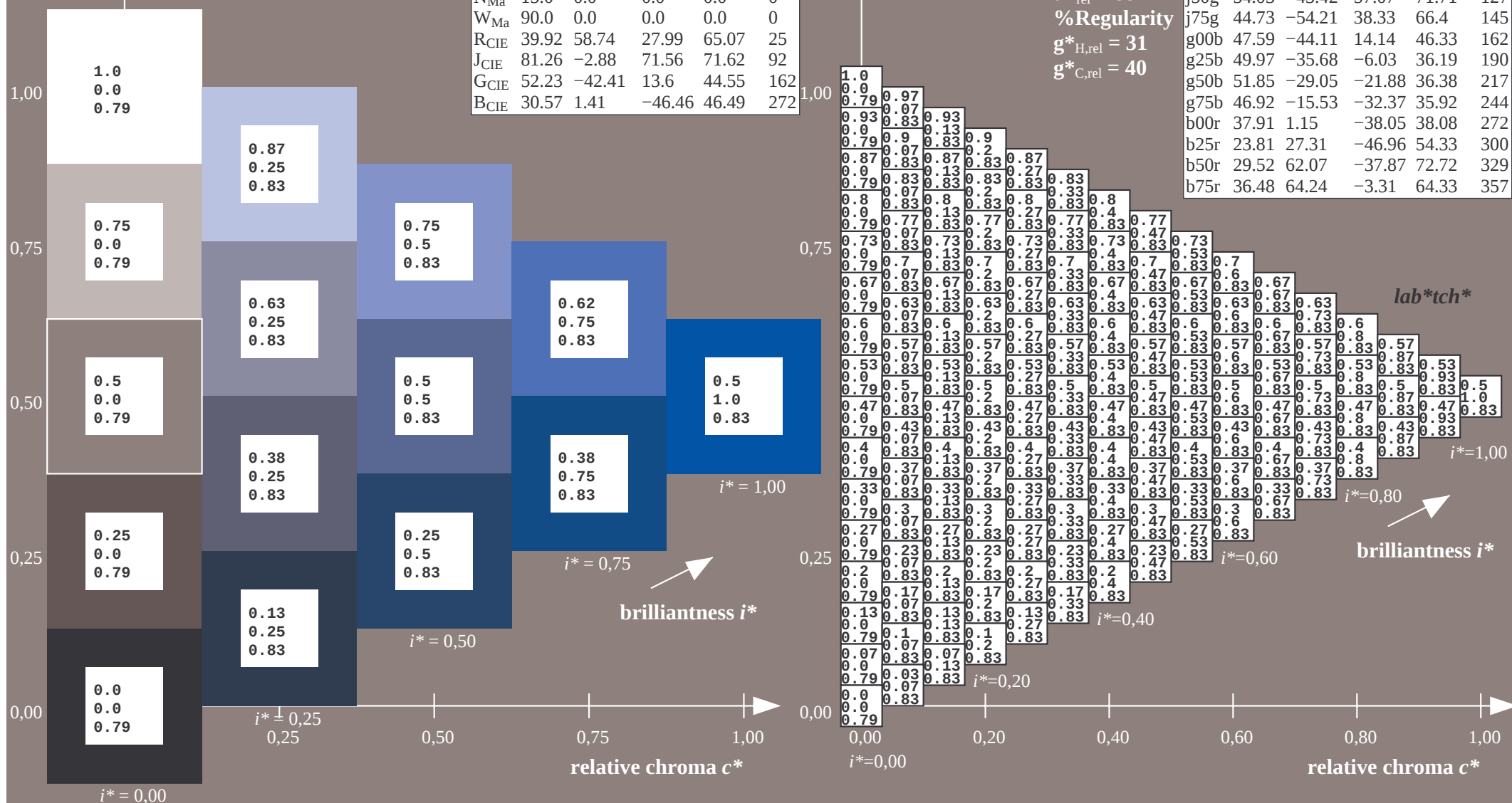
triangle lightness t^* 

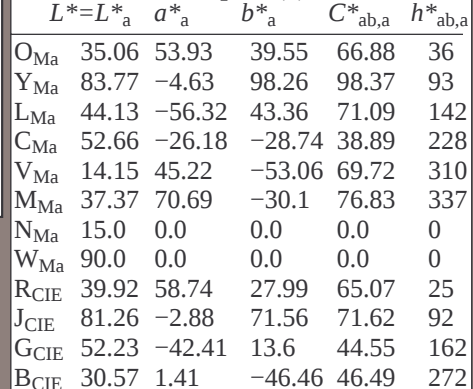
	$L^* = L^*_{a,b}$	$a^*_{a,b}$	$b^*_{a,b}$	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

triangle lightness t^*

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

	$L^*=L^*_{\text{a}}$	a^*_{a}	b^*_{a}	$C^*_{\text{ab,a}}$	$h^*_{\text{ab,a}}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



triangle lightness t^* 

triangle lightness t^*

$$g^*_{C_{rel}} = 40$$

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



$$u^* = b75r$$

Data for maximum colour (Ma):

*lab*tch**

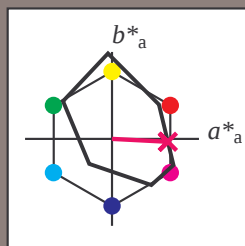
$LAB*LAB*_{Ma}: 36 \ 64 \ -2$

LAB*LCH*Ma: 36 64 357

lab*rqb*_Ma: 1.0 0.0 0.5

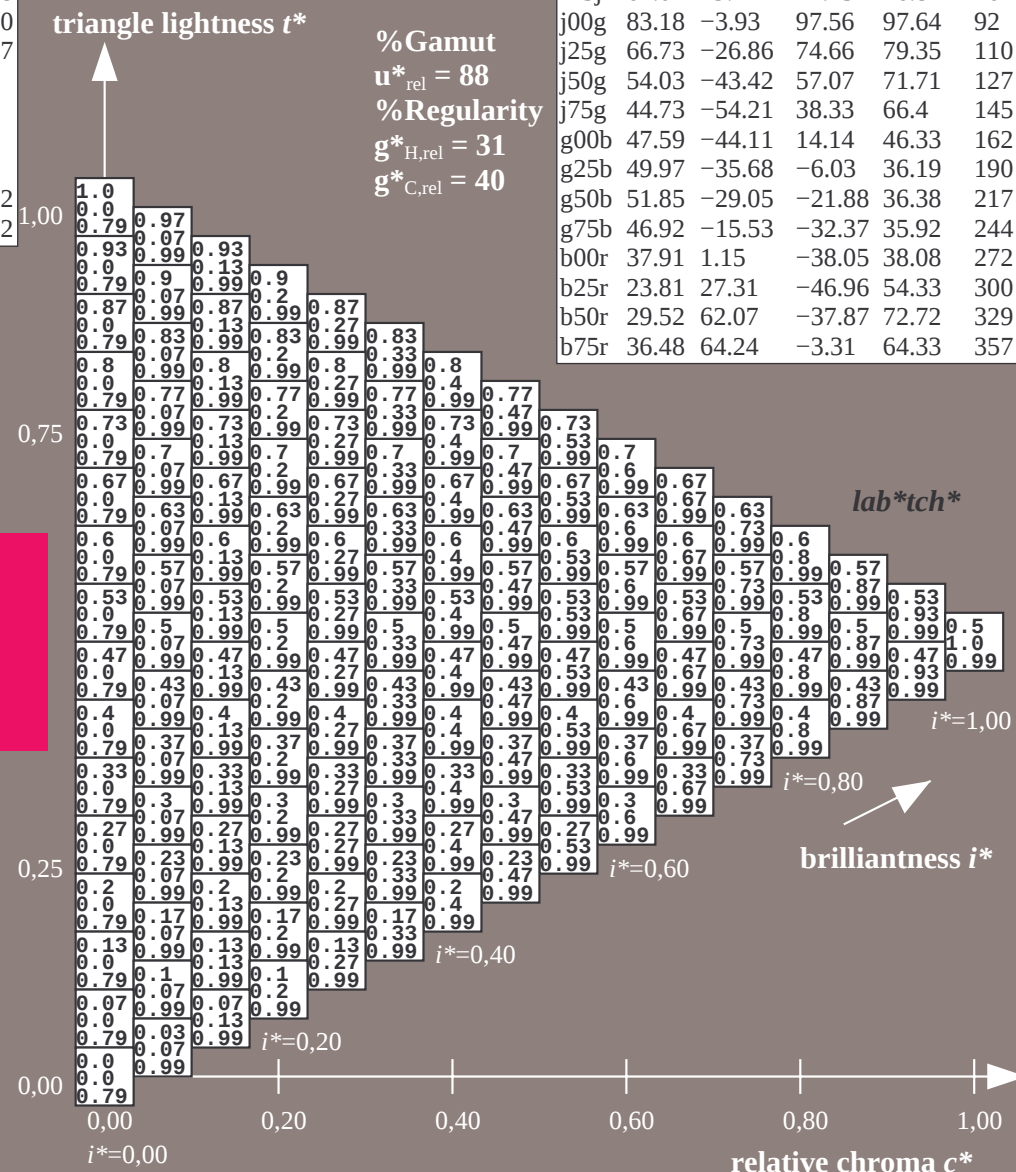
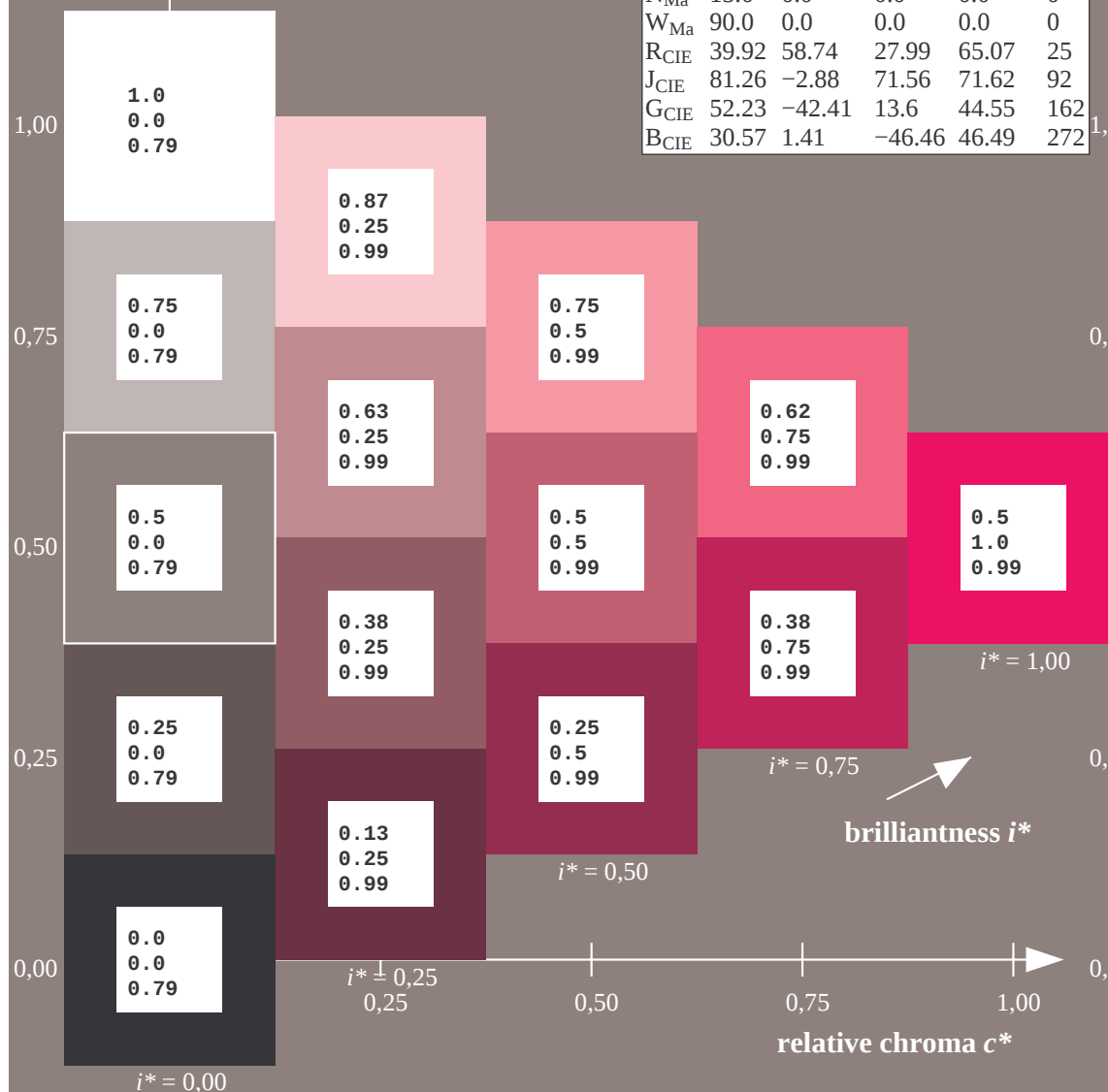
lab*olv*Ma: 1.0 0.0 0.62

triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

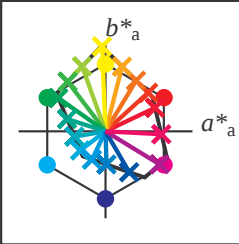
FRS15_90aM; adapted (a) CIELAB data						
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



	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	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	1.0	0.94	0.87	0.81	0.75	0.69	0.62	0.56	0.5	0.0	0.0	0.0	0.0			
02	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.12	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.25	0.25	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.0	0.0	0.0			
03	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.13	0.13	0.13	0.13			
04	0.12	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.12	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.87	0.12	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	0.0	0.0	0.0	0.0			
05	0.86	0.63	0.47	0.44	0.42	0.42	0.41	0.41	0.41	0.94	0.79	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.01	0.1	0.26	0.31	0.34	0.35	0.36	0.37	0.37	0.63	0.79	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.79	0.79	0.79	0.79		
06	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.62	0.87	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.25	0.25	0.25	0.25			
07	0.25	0.25	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.25	0.13	0.19	0.25	0.38	0.5	0.63	0.75	0.87	0.25	0.13	0.0	0.13	0.25	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	0.0	0.0	0.0	0.0			
08	0.86	0.79	0.63	0.52	0.47	0.45	0.44	0.43	0.42	0.9	0.86	0.63	0.47	0.44	0.42	0.42	0.41	0.41	0.94	0.94	0.79	0.4	0.4	0.4	0.4	0.4	0.4	0.63	0.63	0.79	0.1	0.1	0.1	0.1	0.1	0.1	0.79	0.79	0.79	0.79			
09	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.62	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.38	0.38	0.38	0.38			
10	0.37	0.37	0.37	0.37	0.5	0.62	0.75	0.87	1.0	0.37	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.87	0.37	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.37	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.62	0.0	0.0	0.0	0.0			
11	0.86	0.82	0.74	0.63	0.55	0.5	0.47	0.46	0.44	0.89	0.86	0.79	0.63	0.52	0.47	0.45	0.44	0.43	0.91	0.9	0.86	0.63	0.47	0.44	0.42	0.41	0.41	0.63	0.63	0.63	0.79	0.1	0.1	0.1	0.1	0.1	0.79	0.79	0.79	0.79			
12	0.25	0.25	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.25	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.62	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.63	0.63	0.63	0.63		
13	0.5	0.5	0.5	0.5	0.5	0.62	0.75	0.87	1.0	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.87	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0	0.0			
14	0.86	0.83	0.79	0.71	0.63	0.57	0.52	0.49	0.47	0.88	0.86	0.82	0.74	0.63	0.55	0.5	0.47	0.46	0.9	0.89	0.86	0.79	0.63	0.52	0.49	0.48	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
15	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.31	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.31	0.38	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.62	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.63	0.63	0.63	0.63		
16	0.62	0.62	0.62	0.62	0.62	0.62	0.75	0.87	1.0	0.62	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.87	0.62	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0	0.0		
17	0.86	0.84	0.81	0.76	0.7	0.63	0.58	0.54	0.51	0.88	0.86	0.83	0.79	0.71	0.63	0.57	0.52	0.49	0.89	0.88	0.86	0.82	0.74	0.63	0.55	0.5	0.47	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
18	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.38	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.62	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.75	0.75	0.75	0.75		
19	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.87	1.0	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
20	0.86	0.85	0.83	0.81	0.79	0.75	0.71	0.67	0.63	0.87	0.86	0.85	0.83	0.8	0.77	0.72	0.68	0.63	0.88	0.87	0.86	0.85	0.82	0.79	0.74	0.68	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
21	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	
22	0.37	0.37	0.37	0.37	0.5	0.62	0.75	0.87	1.0	0.37	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.87	0.37	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.37	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.62	0.75	0.87	1.0	0.0	0.0	0.0	0.0
23	0.1	0.17	0.22	0.26	0.28	0.3	0.31	0.33	0.33	0.1	0.15	0.2	0.23	0.26	0.28	0.29	0.3	0.31	0.1	0.14	0.18	0.21	0.24	0.26	0.27	0.29	0.3	0.79	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
24	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.31	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	
25	0.37	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.87	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.87	0.62	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
26	0.04	0.2	0.26	0.29	0.31	0.33	0.34	0.35	0.06	0.1	0.17	0.22	0.26	0.28	0.3	0.31	0.33	0.07	0.1	0.15	0.2	0.23	0.26	0.28	0.29	0.3	0.86	0.79	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
27	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.62	0.25	0.31	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.62	0.31	0.38	0.44	0.44	0.44	0.44	0.5	0.56	0.62	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.75	0.75	0.75	0.75		
28	0.37	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.62	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.62	0.31	0.38	0.44	0.44	0.44	0.44	0.5	0.56	0.62	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.75	0.75	0.75	0.75		
29	0.98	0.01	0.1	0.26	0.31	0.34	0.35	0.36	0.37	0.01	0.04	0.1	0.2	0.26	0.29	0.31	0.33	0.34	0.03	0.06	0.1	0.17	0.22	0.26	0.28	0.3	0.31	0.86	0.86	0.79	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	
30	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.75	0.75	0.75	0.75		
31	0.37	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.62	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.62	0.31	0.38	0.44	0.44	0.44	0.44	0.5	0.56	0.62	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.75	0.75	0.75	0.75		
32	0.98	0.01	0.1	0.26	0.31	0.34	0.35	0.36	0.37	0.01	0.04	0.1	0.2	0.26	0.29	0.31	0.33	0.34	0.03	0.06	0.1	0.17	0.22	0.26	0.28	0.3	0.31	0.86	0.86	0.79	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	
33	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.31	0.38	0.44	0.5	0.56	0.63</																				

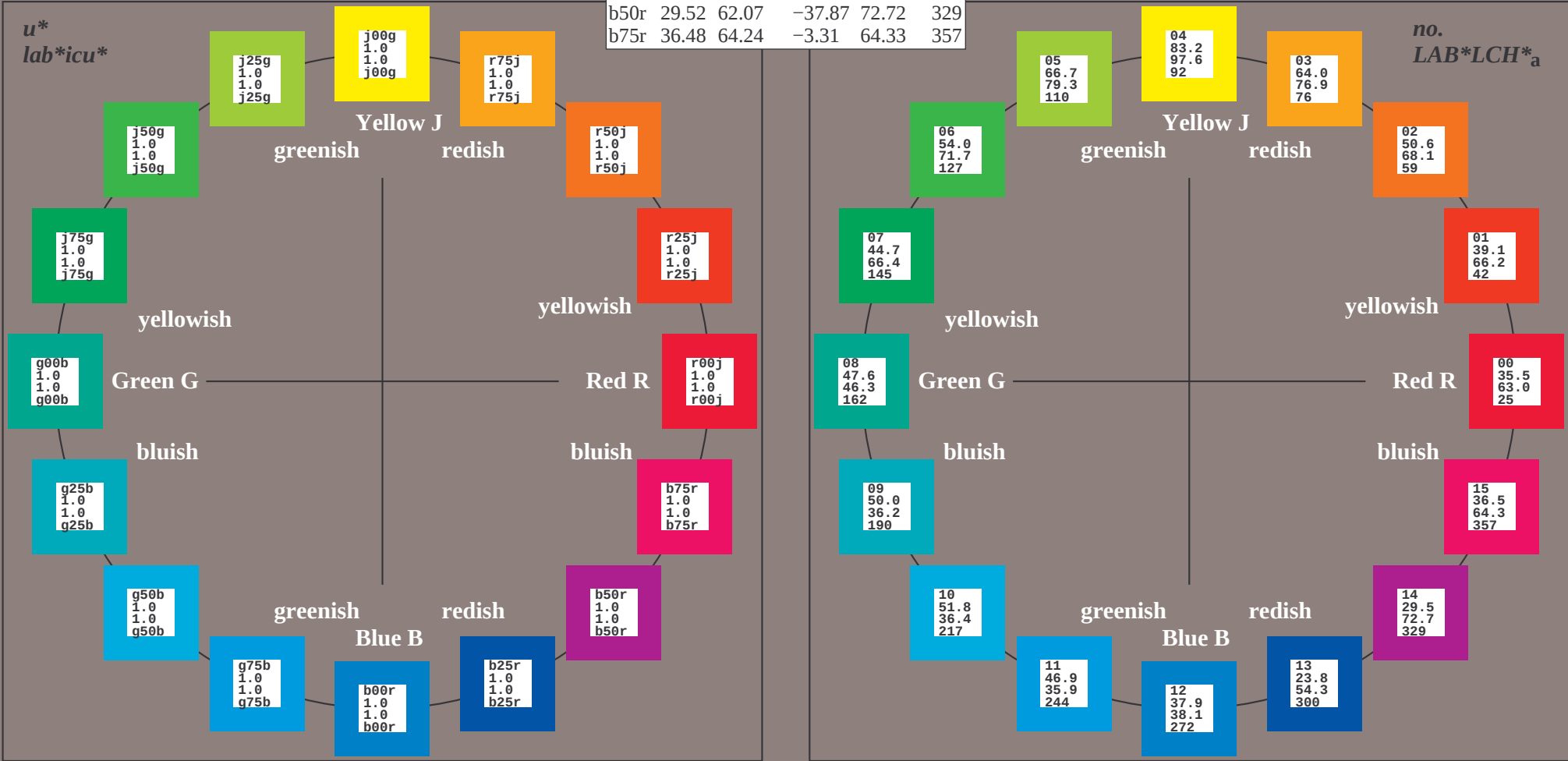
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
 $lab*_{tch}$ and $lab*_{icu}$
elementary hue text:
 $u^* = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.9$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



% Gamut
 $u^*_{rel} = 88$
% Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

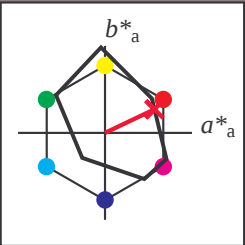
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:

$u^* = r00j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 57 27

$LAB^*LCH^*_{Ma}$: 35 63 25

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

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

triangle lightness t^*

%Gamut

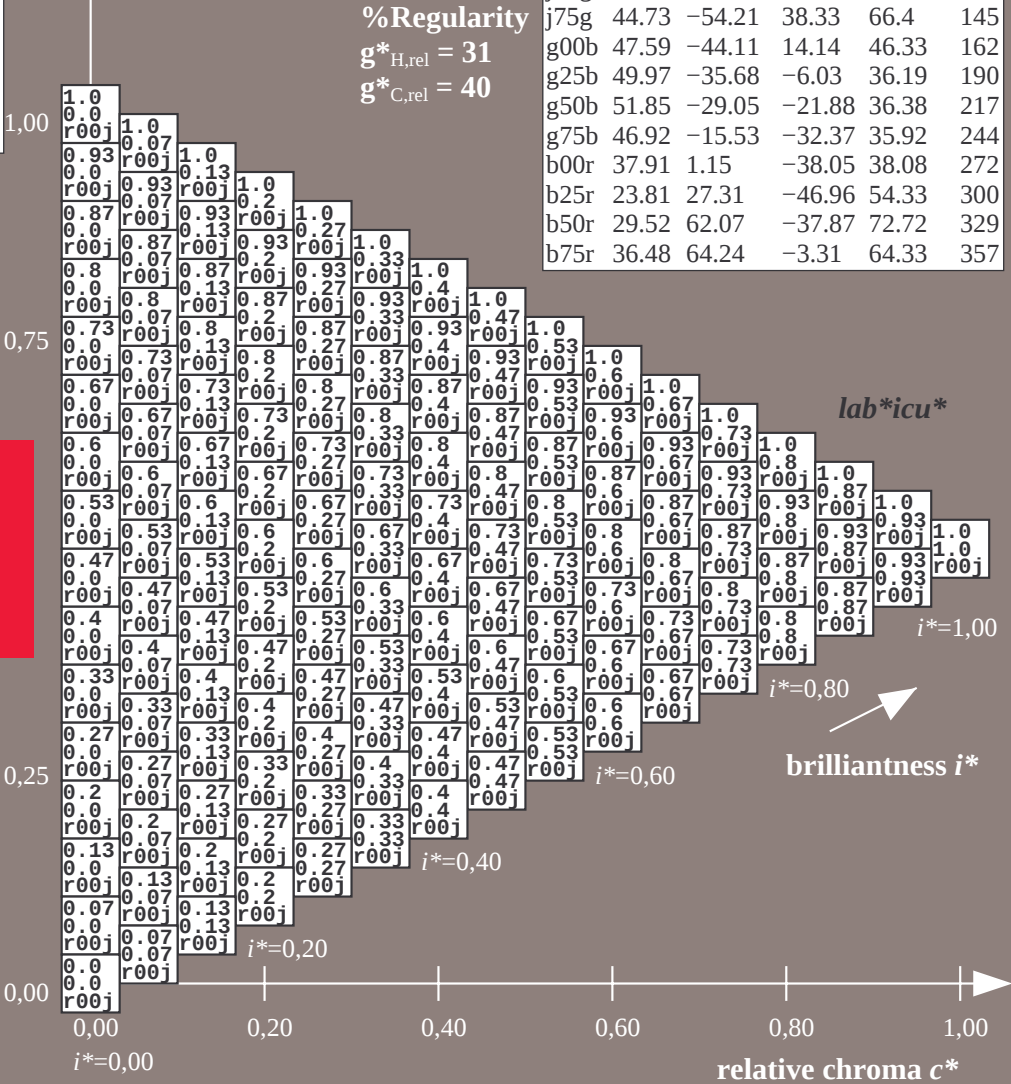
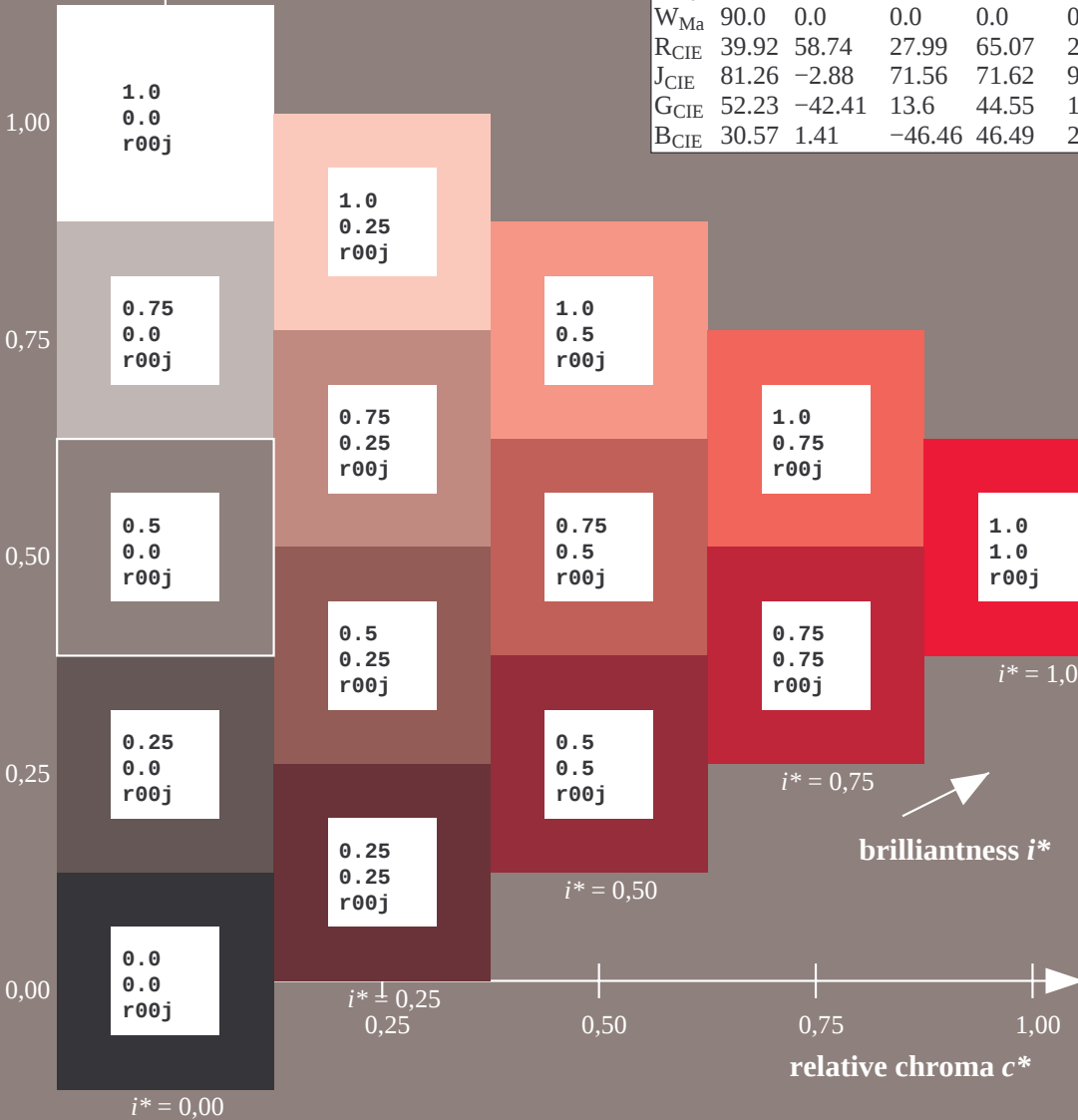
$u^*_{rel} = 88$

%Regularity

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

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

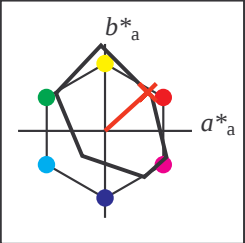
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:

$u^* = r25j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 39 49 44

$LAB^*LCH^*_{Ma}$: 39 66 42

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

$lab^*olv^*_{Ma}$: 1.0 0.08 0.0

triangle lightness t^*

%Gamut

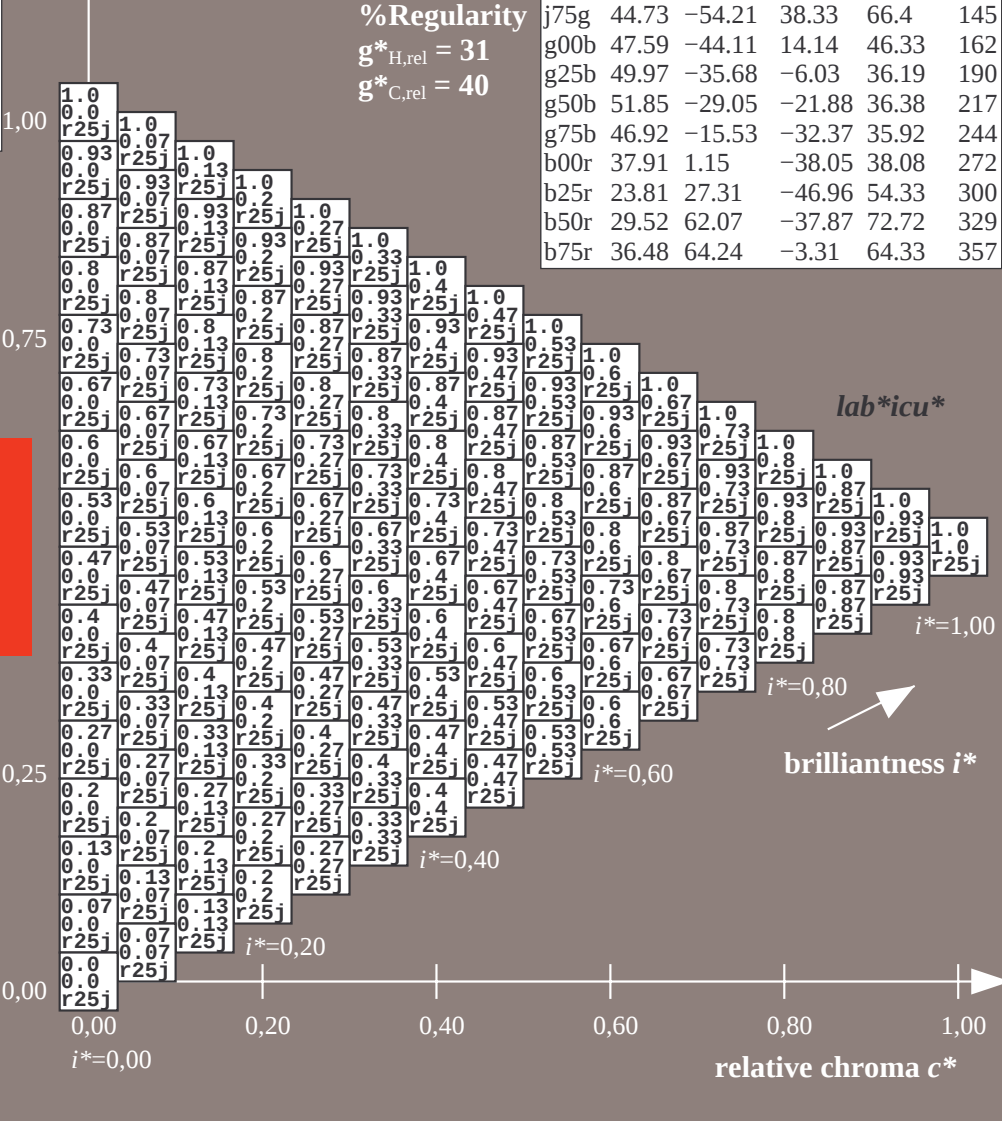
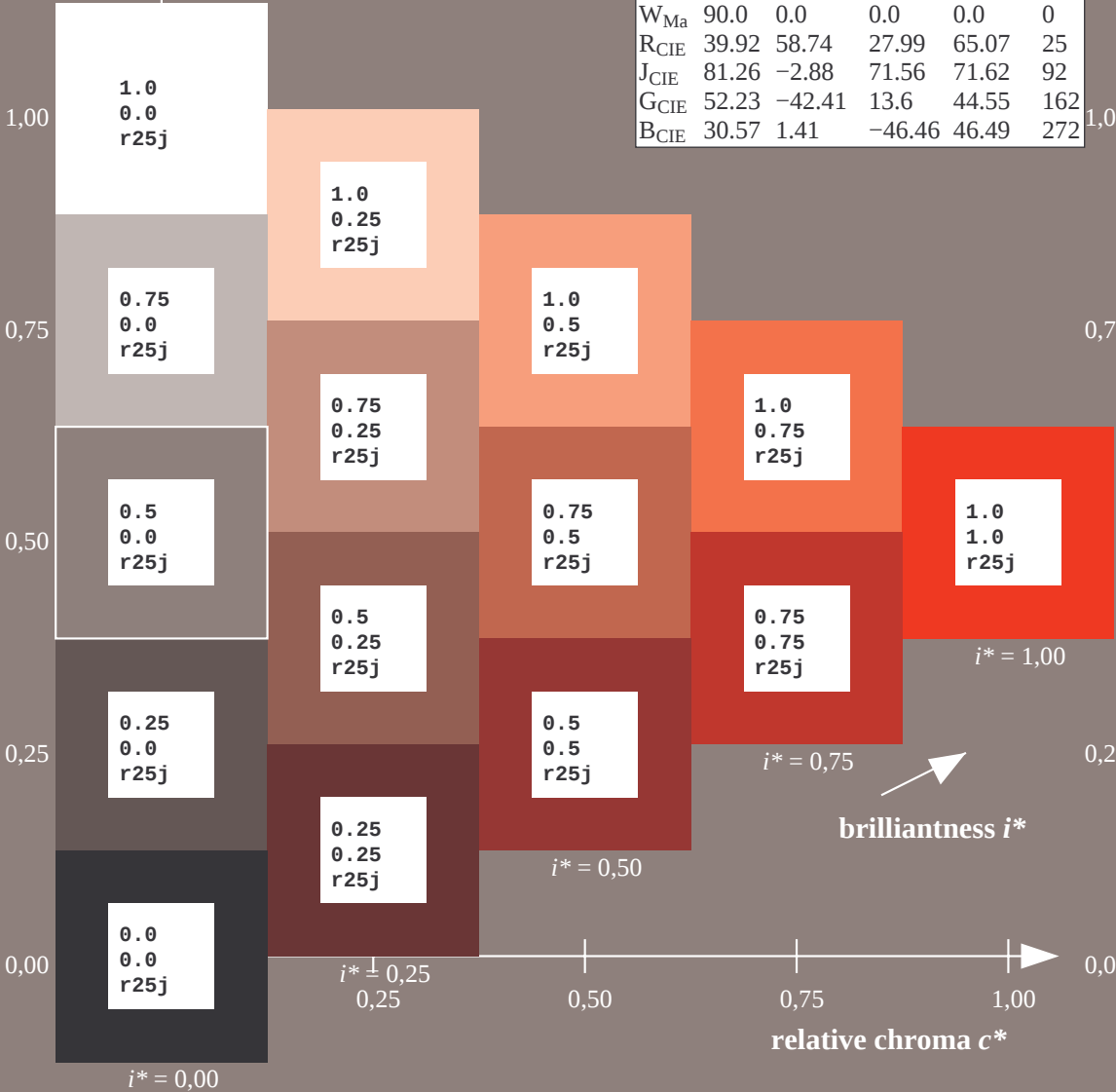
$u^*_{rel} = 88$

%Regularity

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

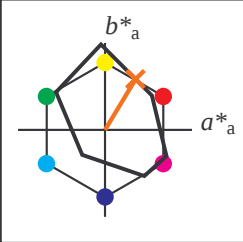
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r50j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 35 58

$LAB^*LCH^*_{Ma}$: 51 68 59

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

$lab^*olv^*_{Ma}$: 1.0 0.32 0.0

triangle lightness t^*

%Gamut

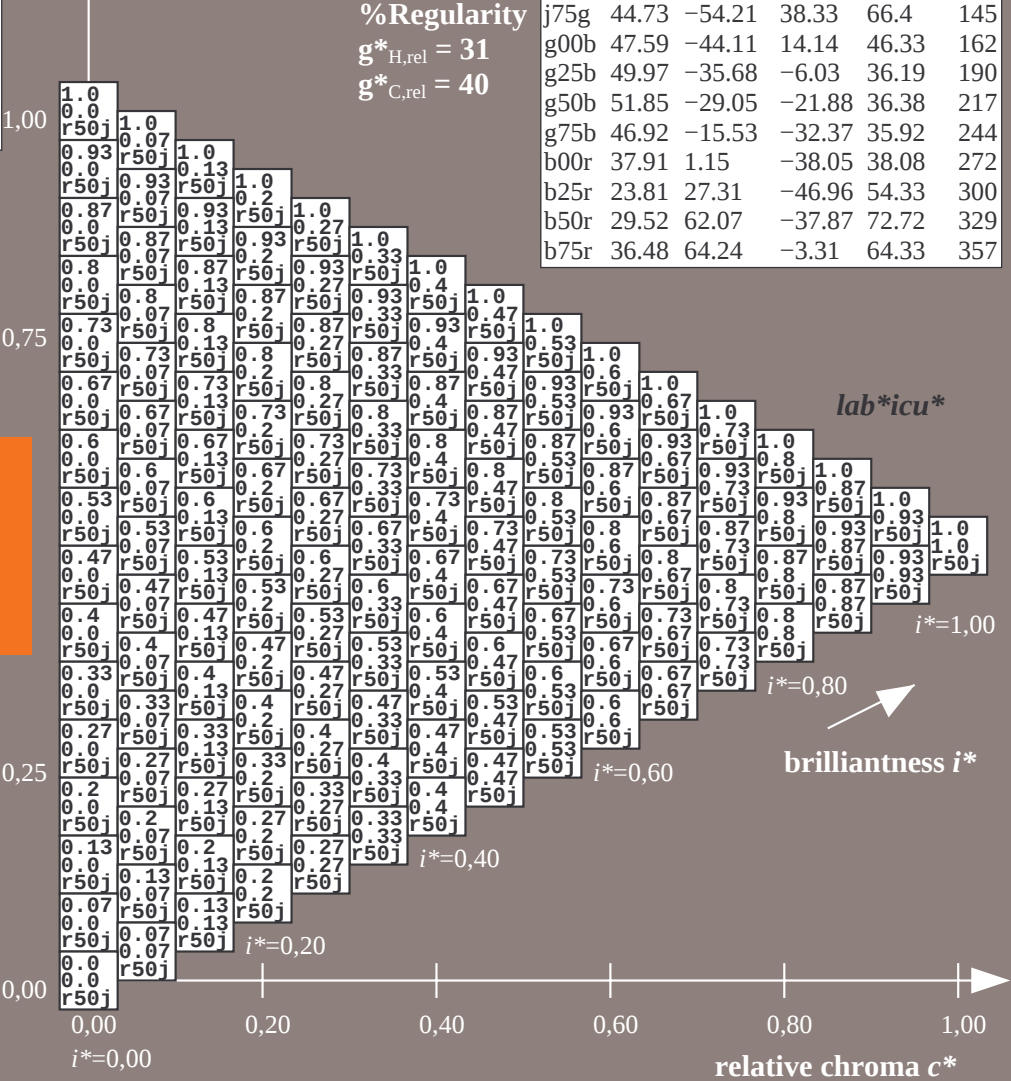
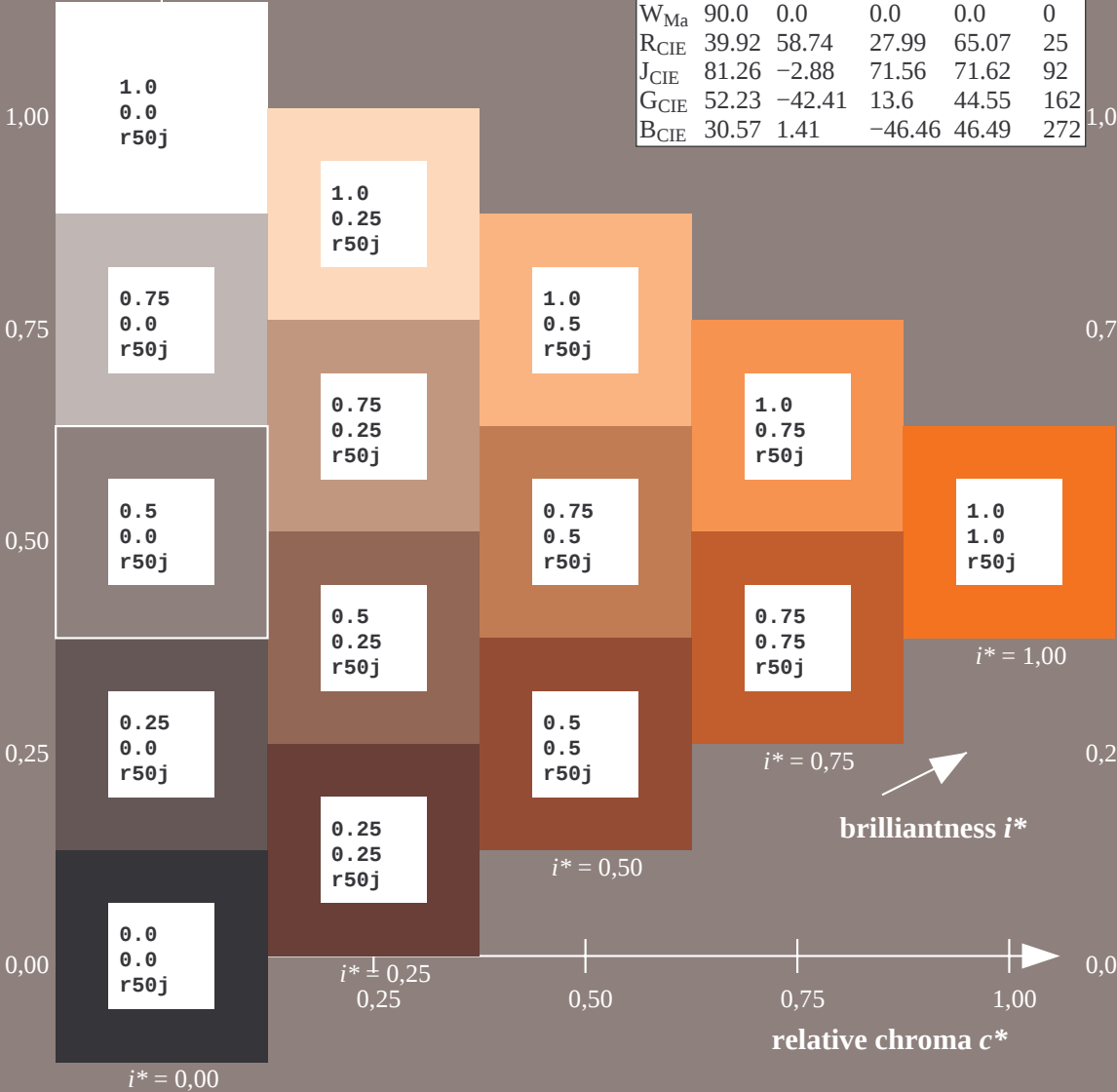
$u^*_{rel} = 88$

%Regularity

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

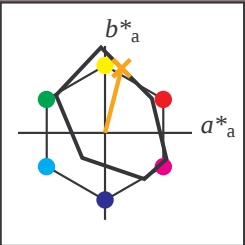
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r75j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



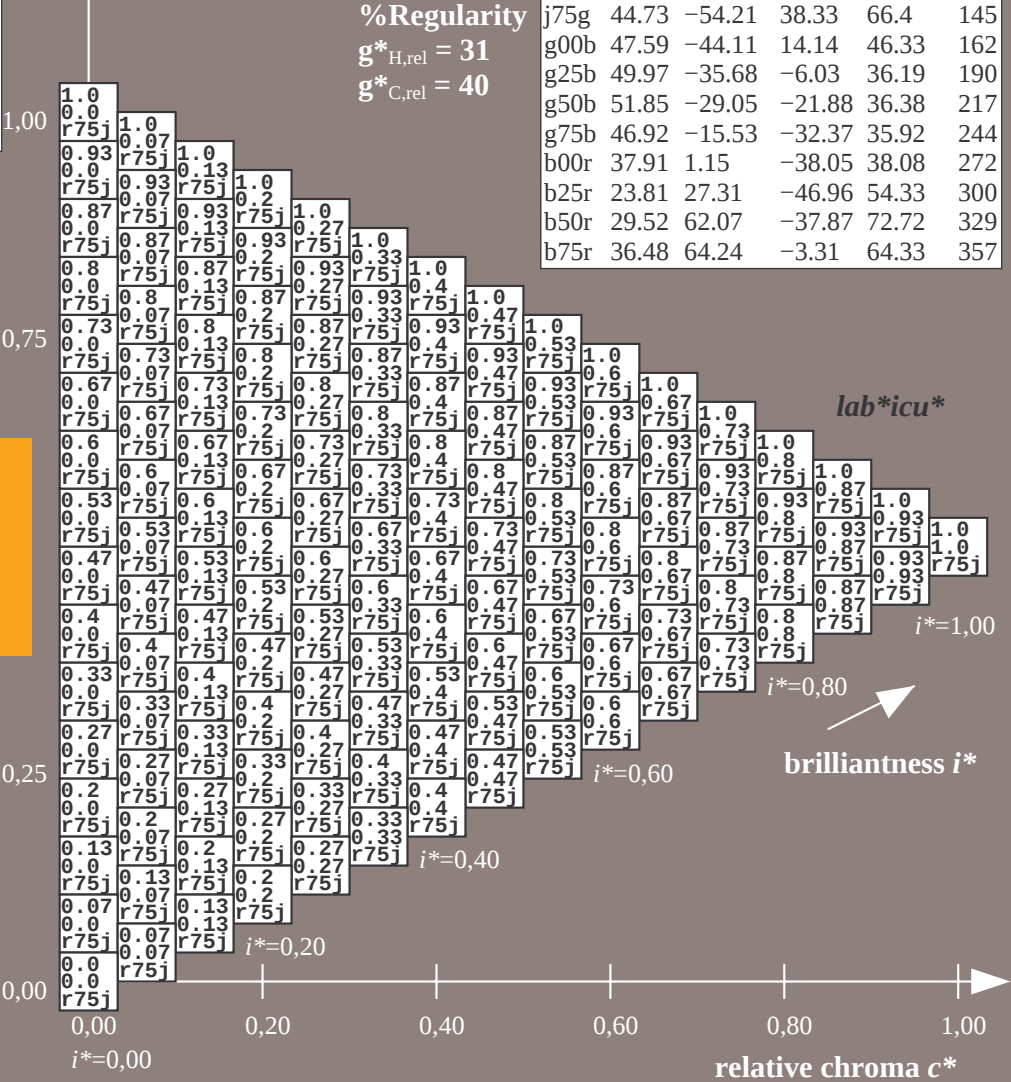
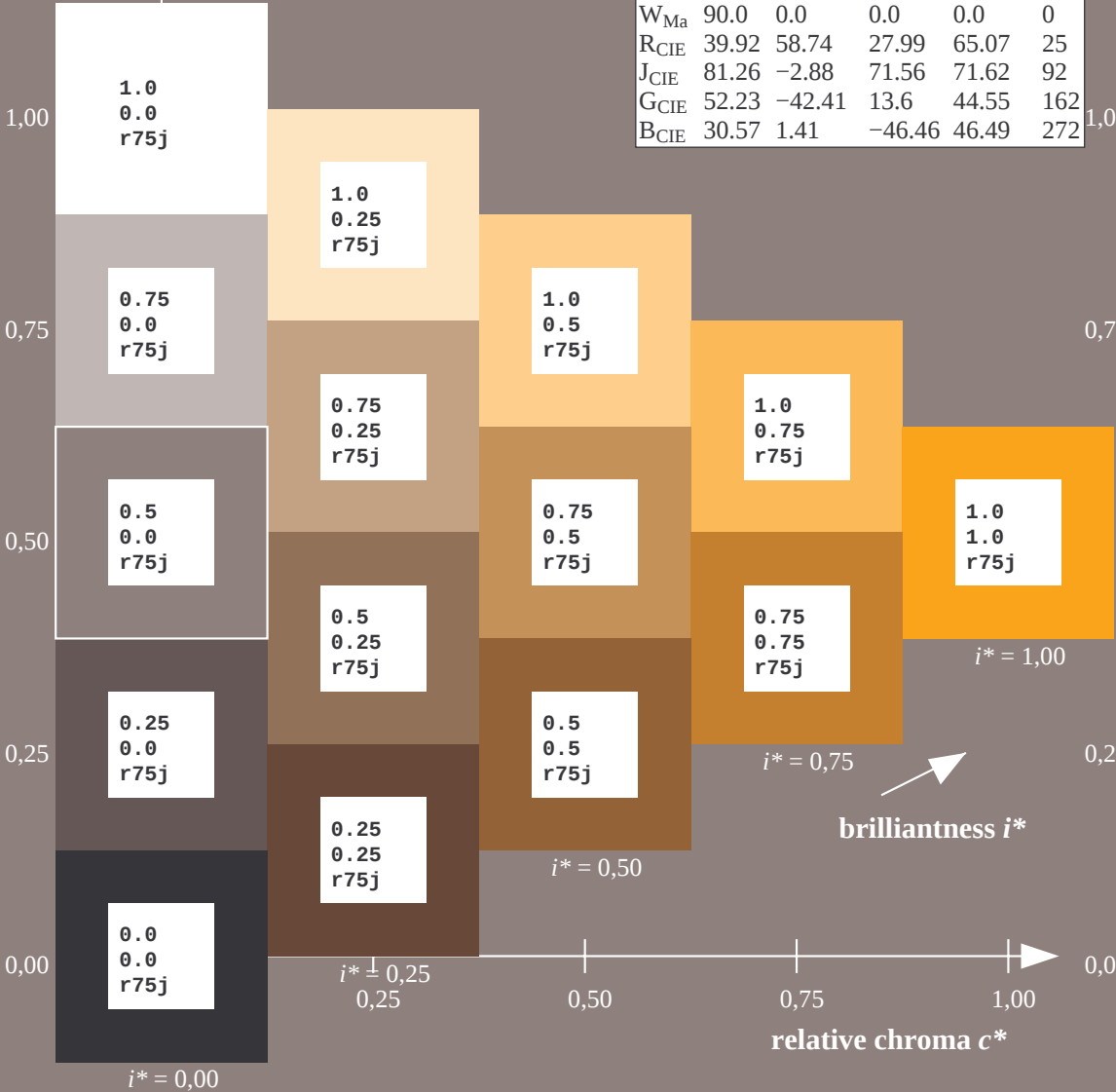
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 64 19 74
 $LAB^*LCH^*_{Ma}$: 64 77 76
 $lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.59 0.0

triangle lightness t^*

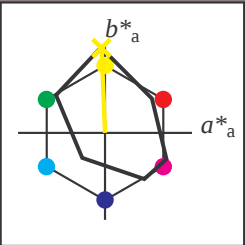
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j00g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

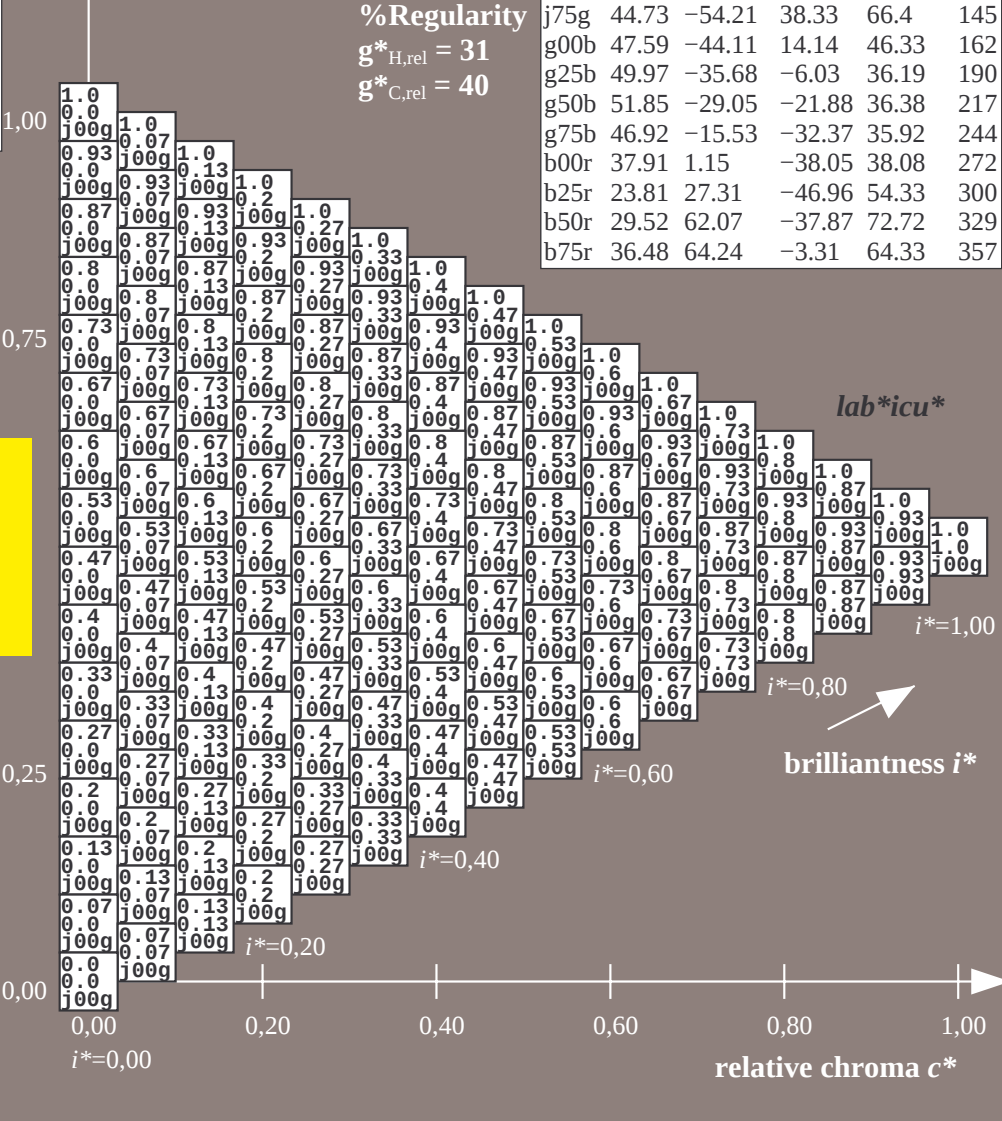
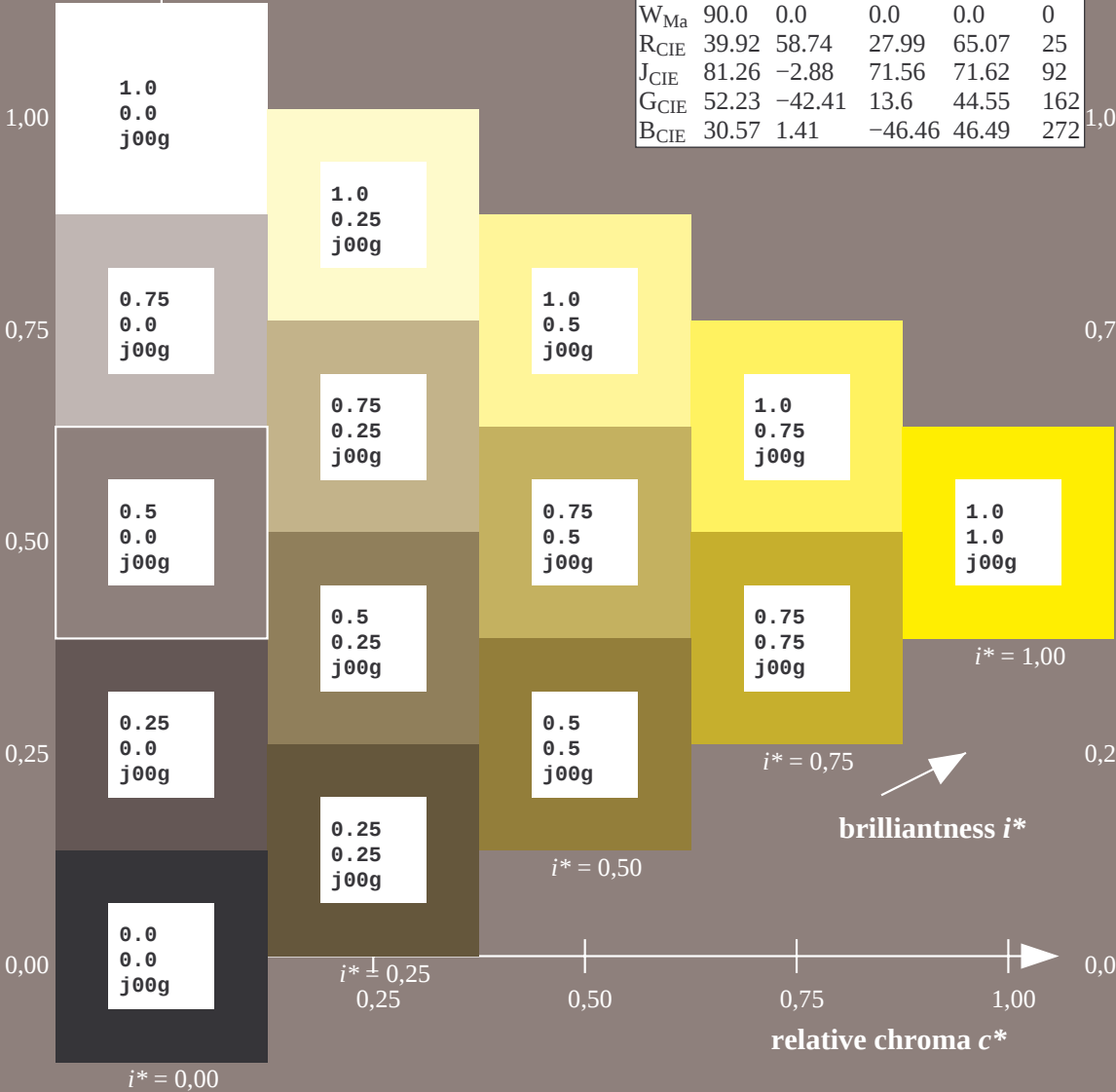
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 83 -3 98
 $LAB^*LCH^*_{Ma}$: 83 98 92
 $lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.99 0.0

triangle lightness t^*

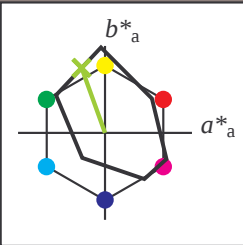
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j25g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 67 -26 75

$LAB^*LCH^*_{Ma}$: 67 79 110

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

$lab^*olv^*_{Ma}$: 0.57 1.0 0.0

triangle lightness t^*

%Gamut

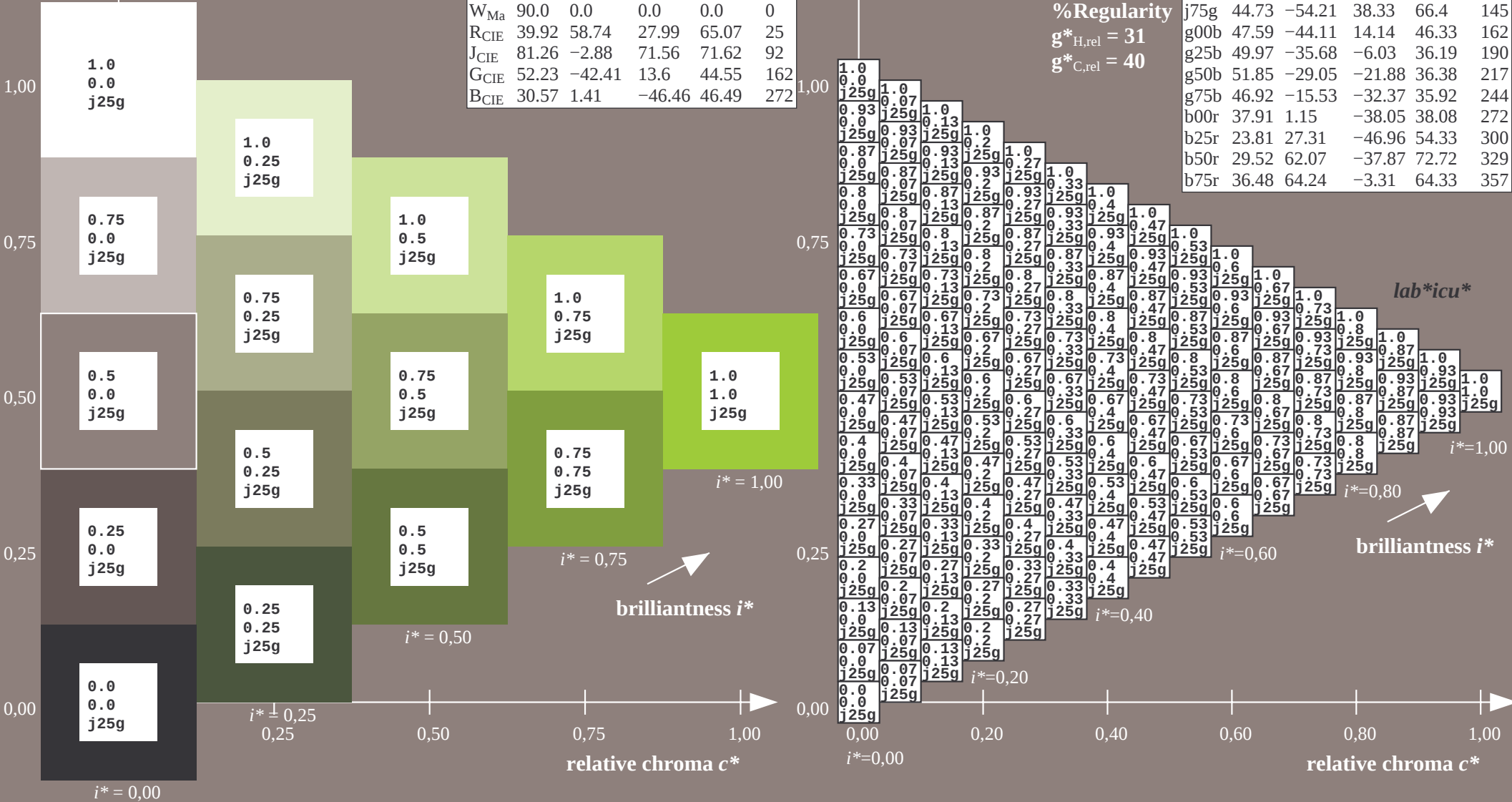
$u^*_{rel} = 88$

%Regularity

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

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

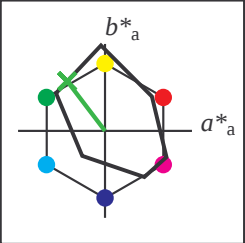
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:

$u^* = j50g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 54 -42 57

$LAB^*LCH^*_{Ma}$: 54 72 127

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

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

triangle lightness t^*

%Gamut

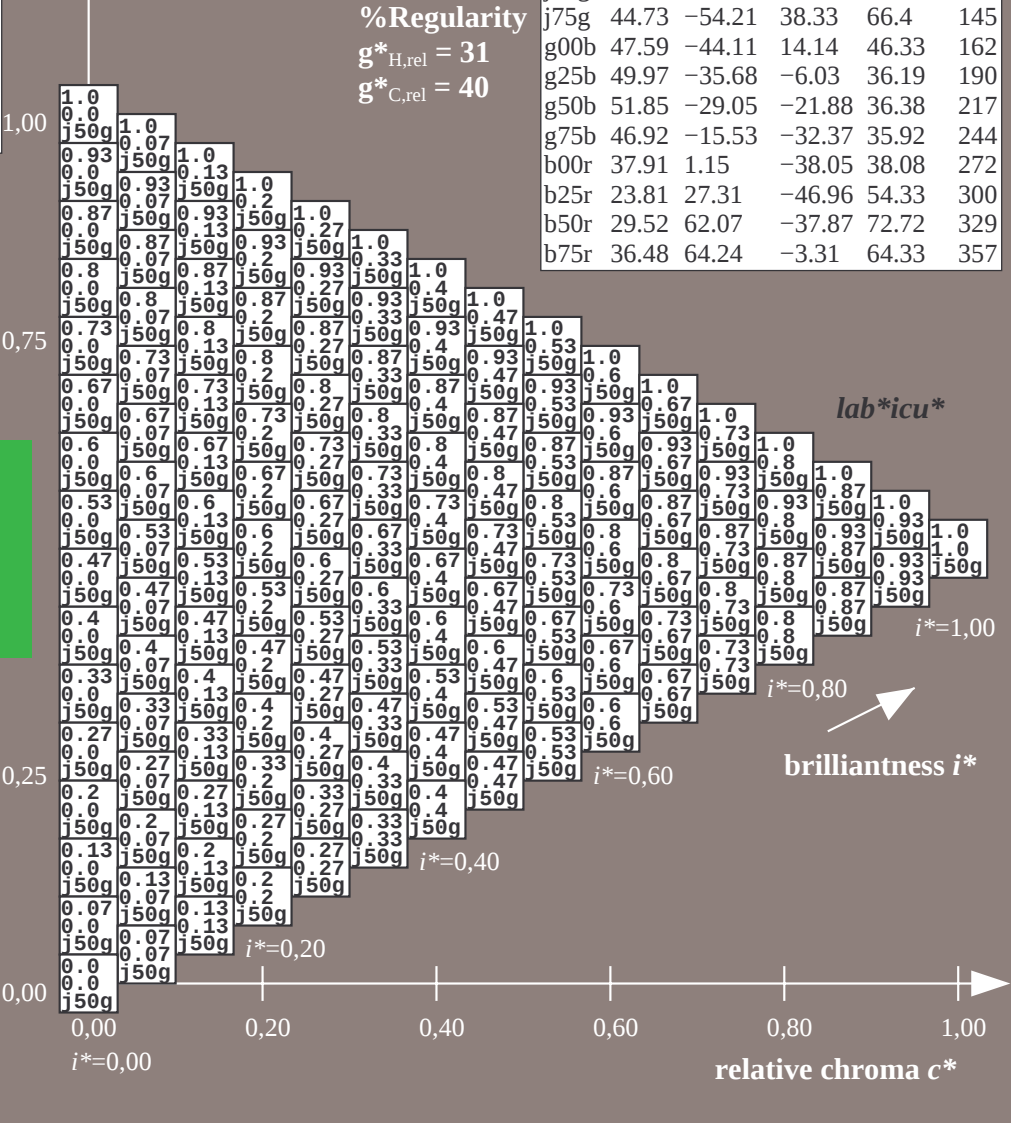
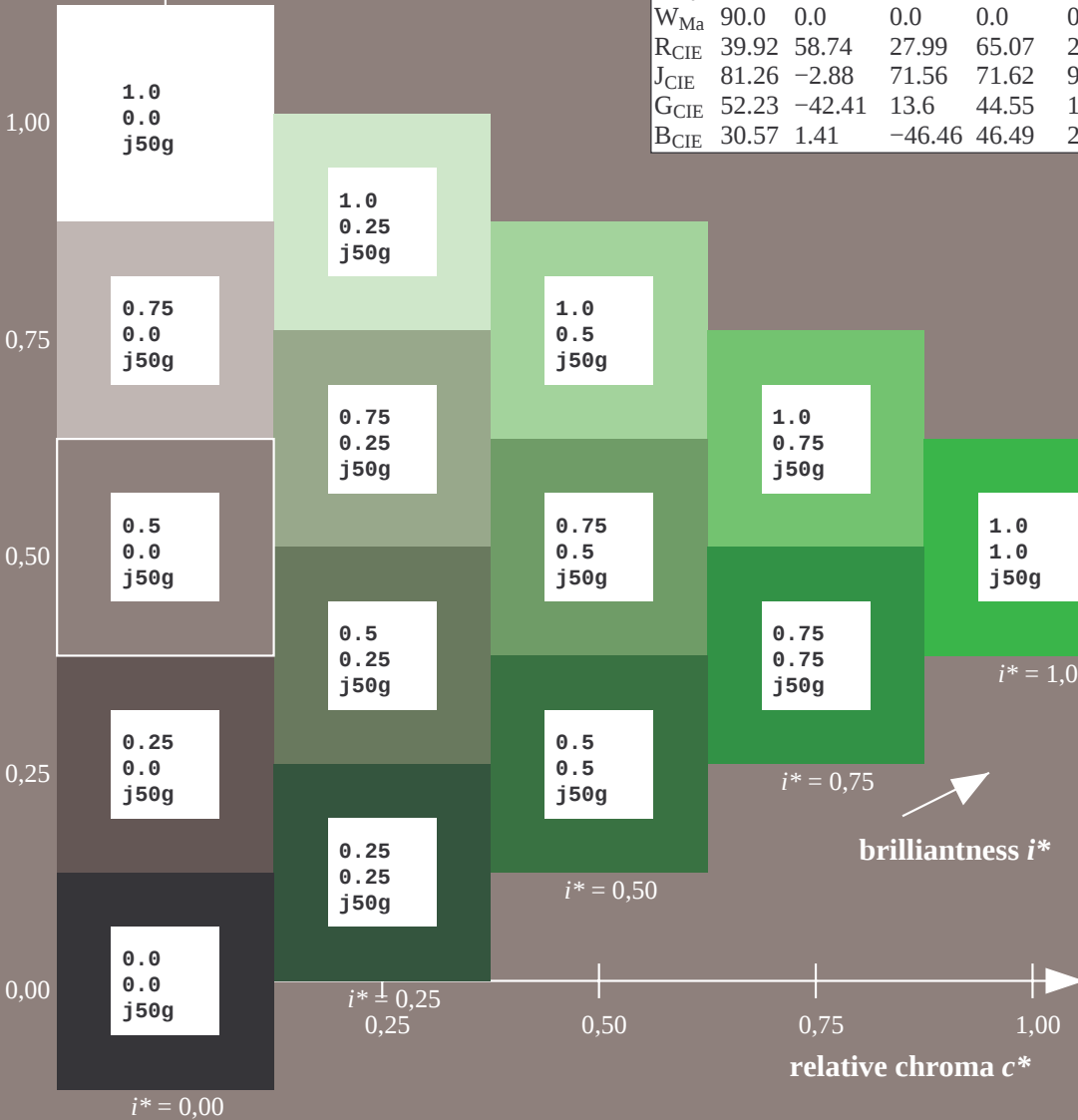
$u^*_{rel} = 88$

%Regularity

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

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

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



$$u^* = j75g$$

Data for maximum colour (Ma):

*lab*icu**

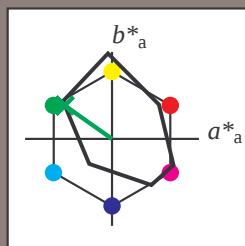
LAB*LAB*Ma: 45 -53 38

LAB*LCH*Ma: 45 66 145

lab*rgb*_Ma: 0.25 1.0 0.0

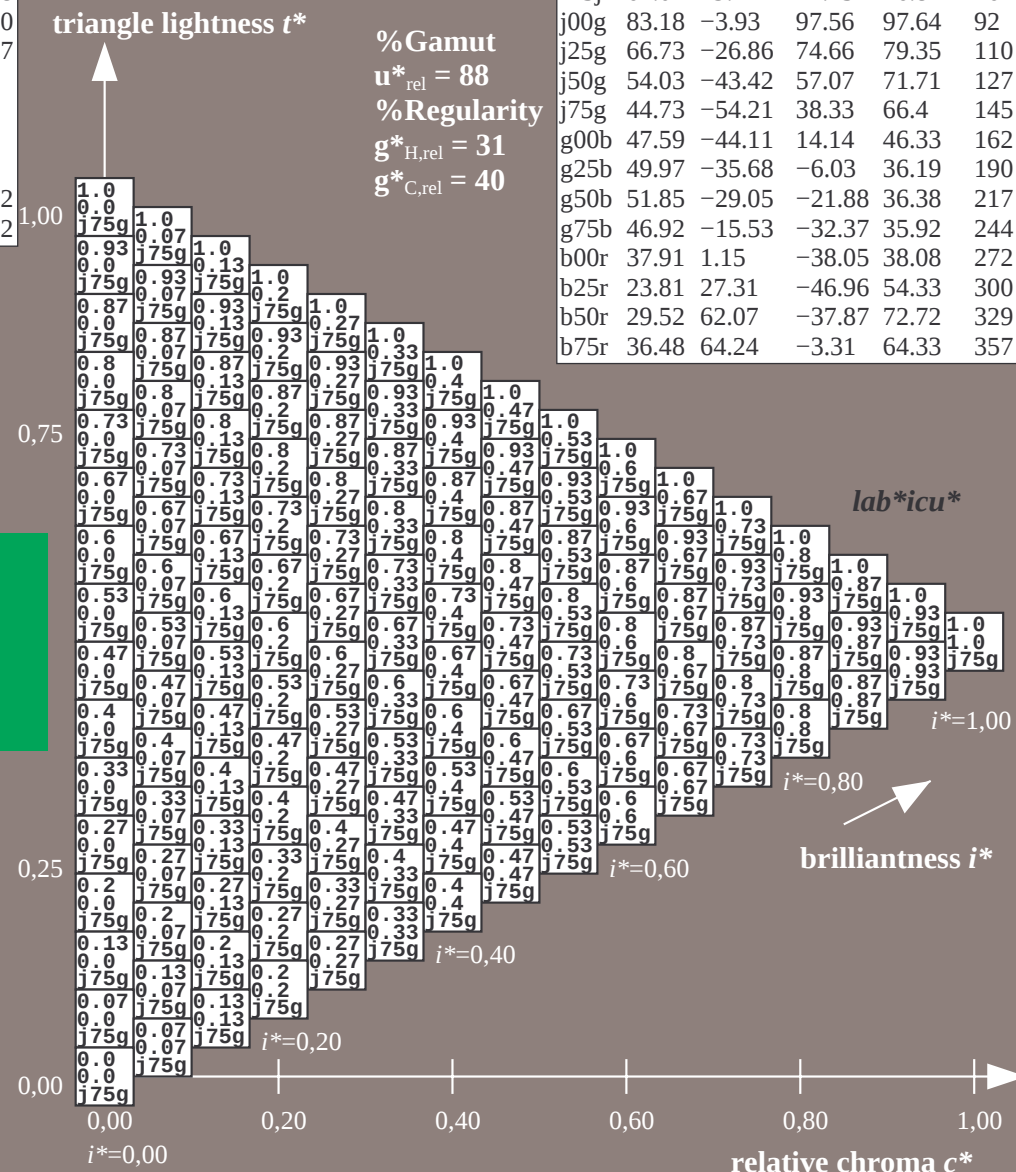
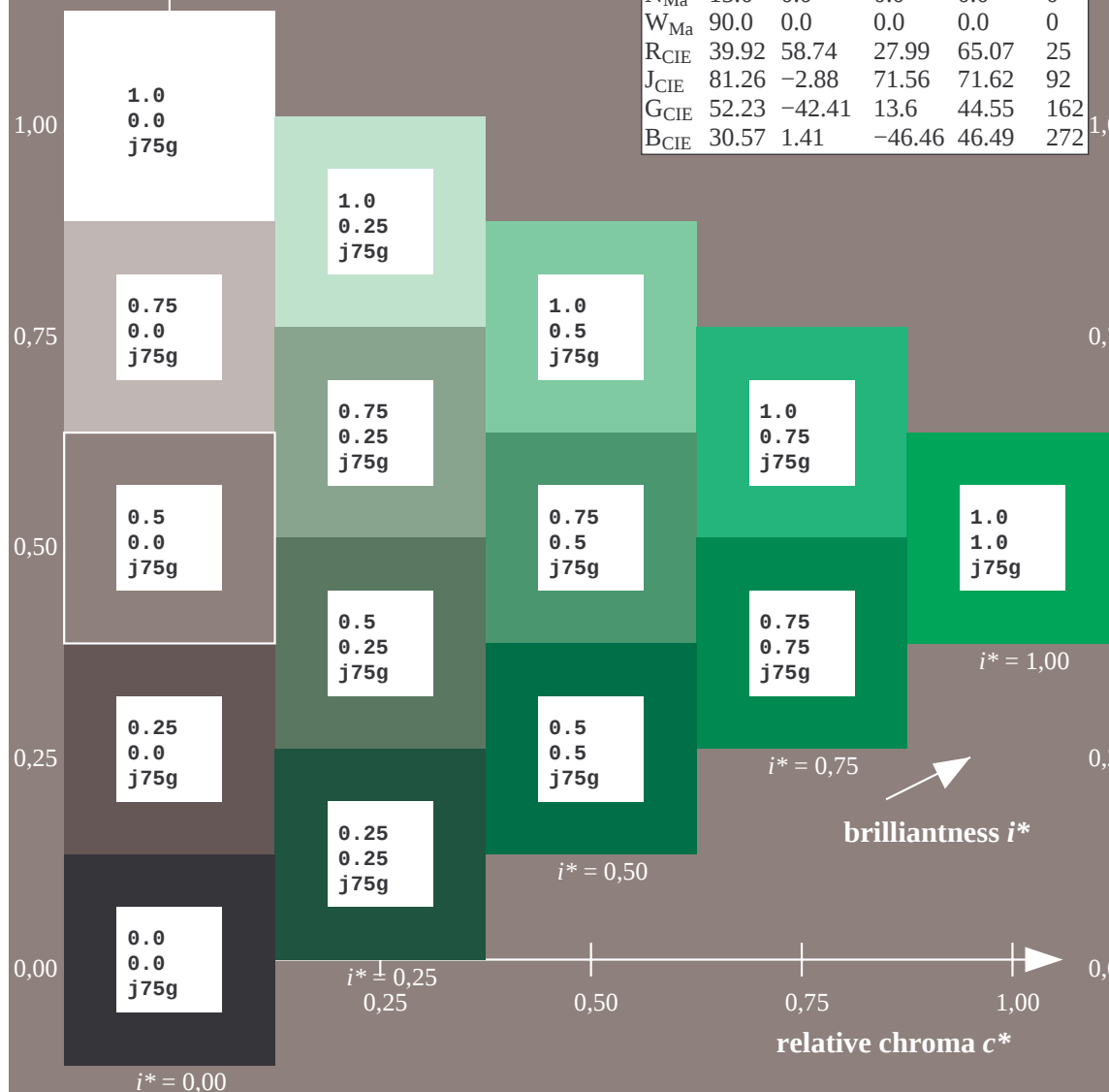
lab*olv*Ma: 0.0 1.0 0.07

triangle lightness t^*



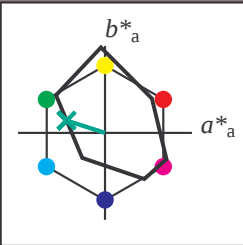
FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g00b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

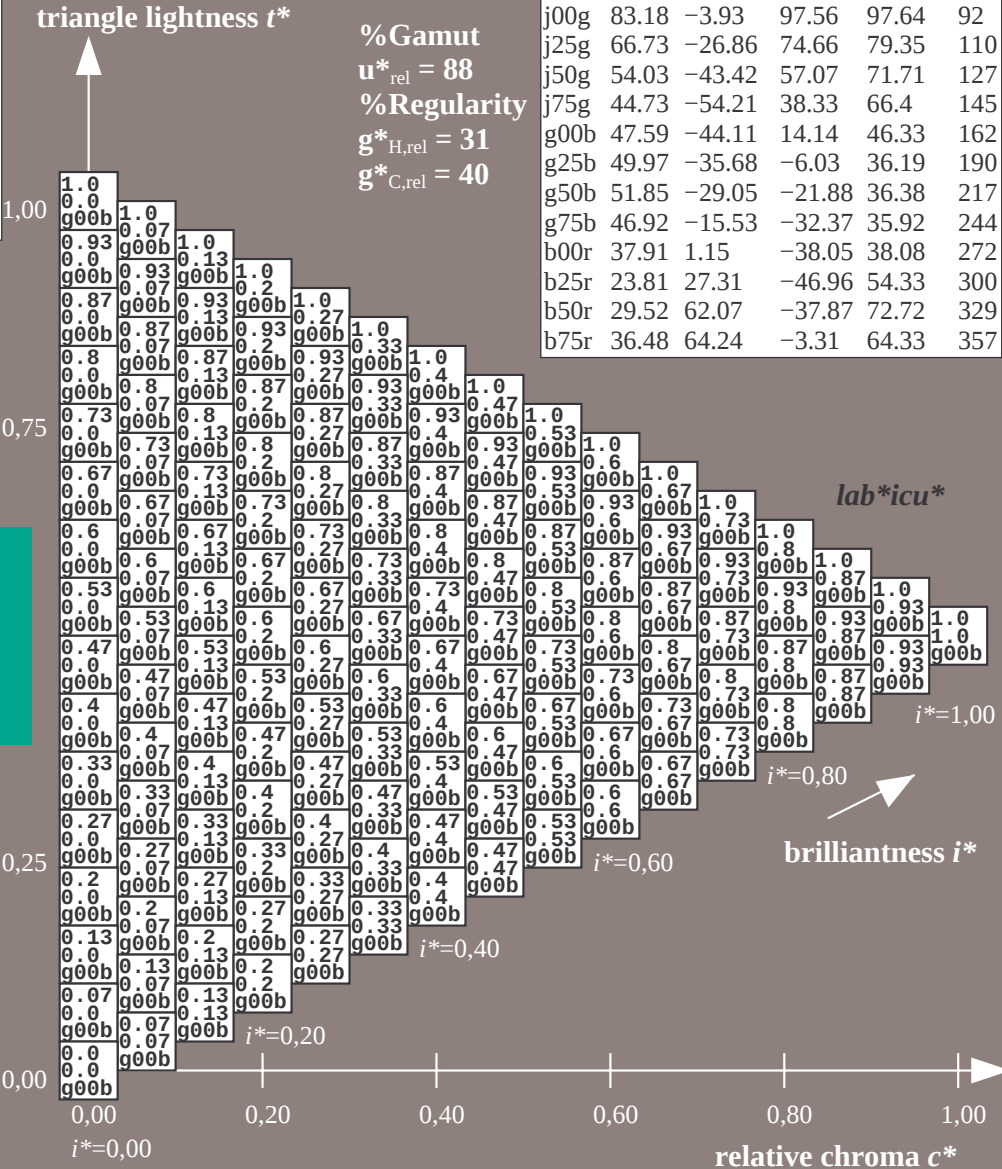
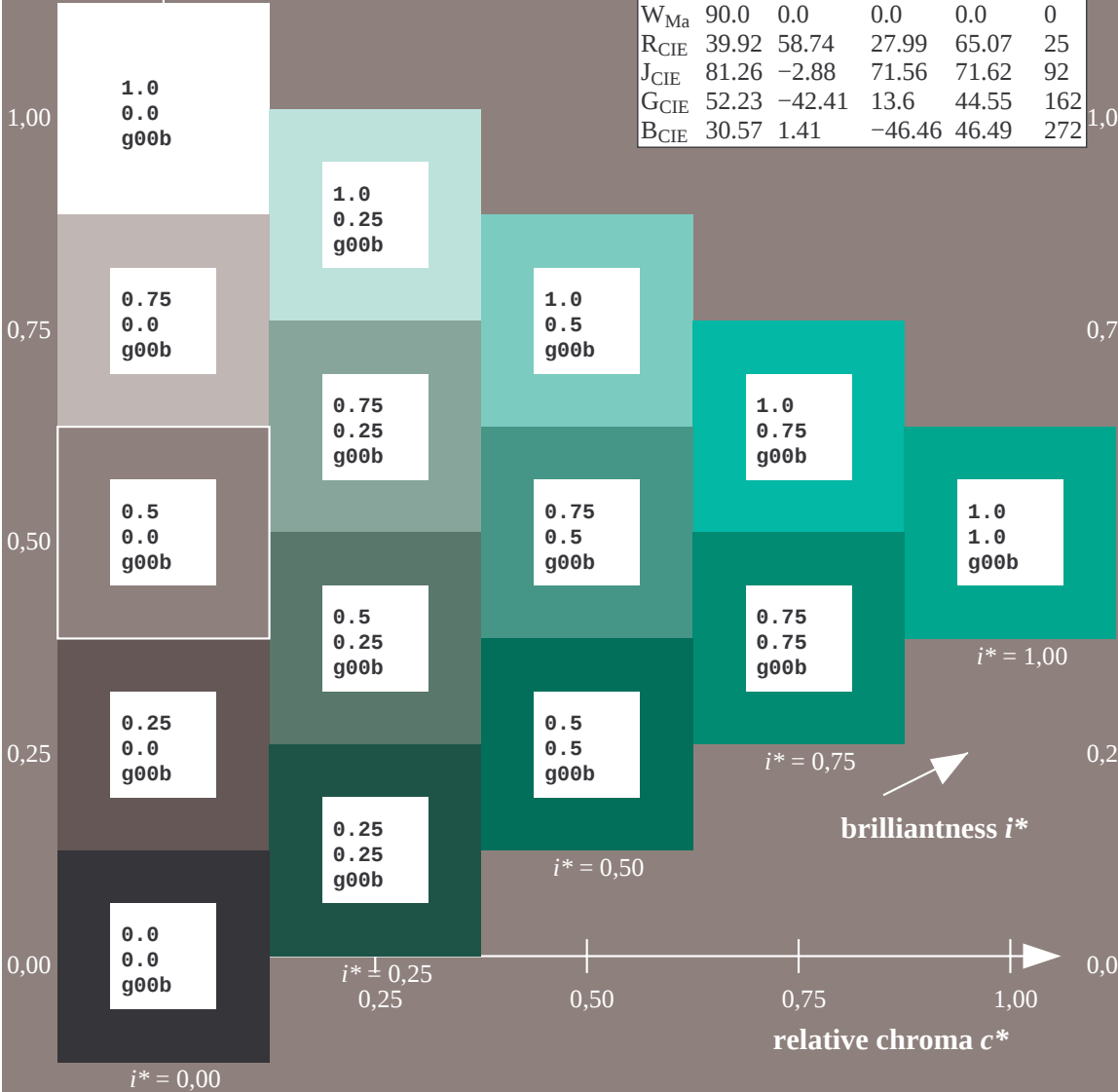


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 48 -43 14
 $LAB^*LCH^*_{Ma}$: 48 46 162
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.41

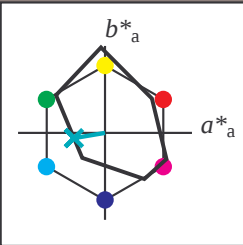
$u^* = g00b$
 lab^*icu^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g25b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

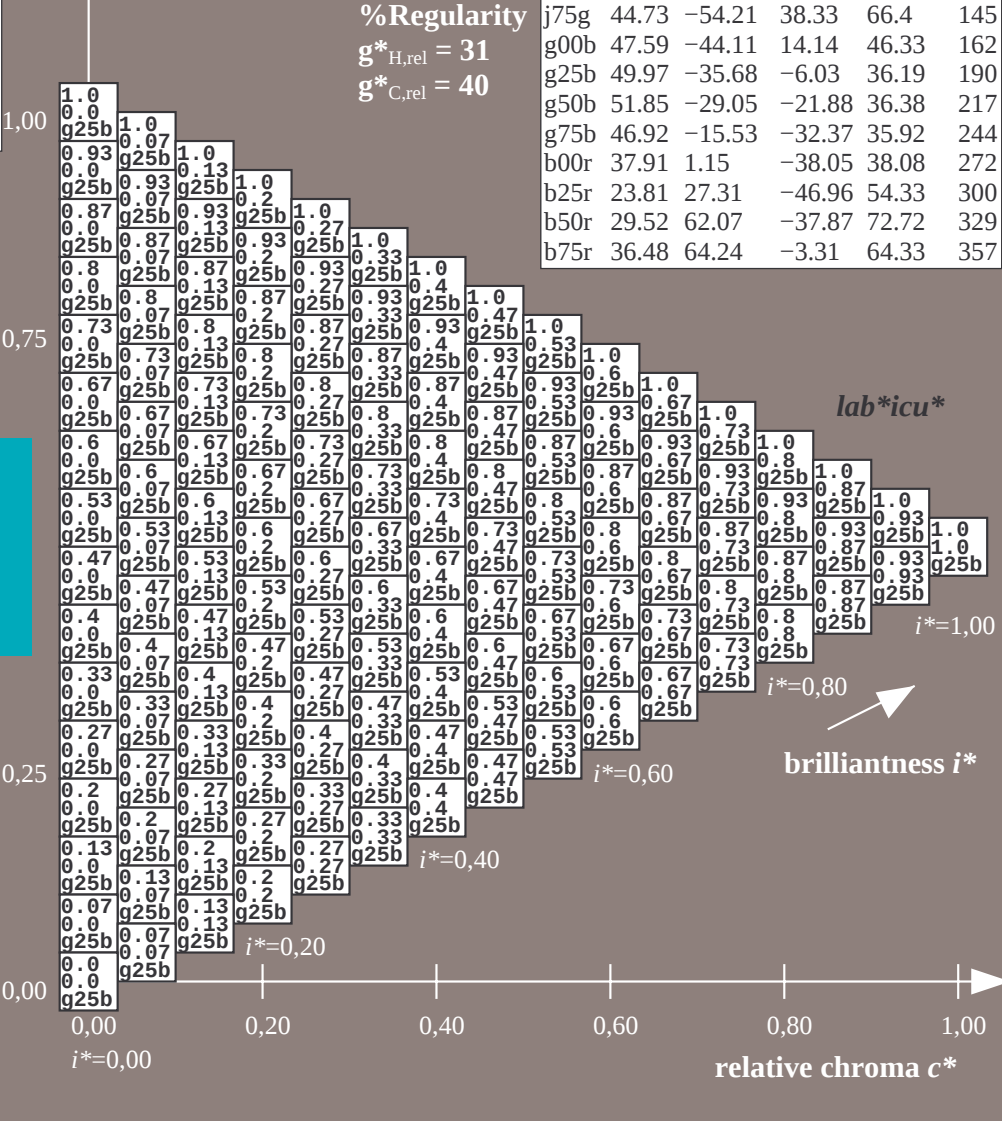
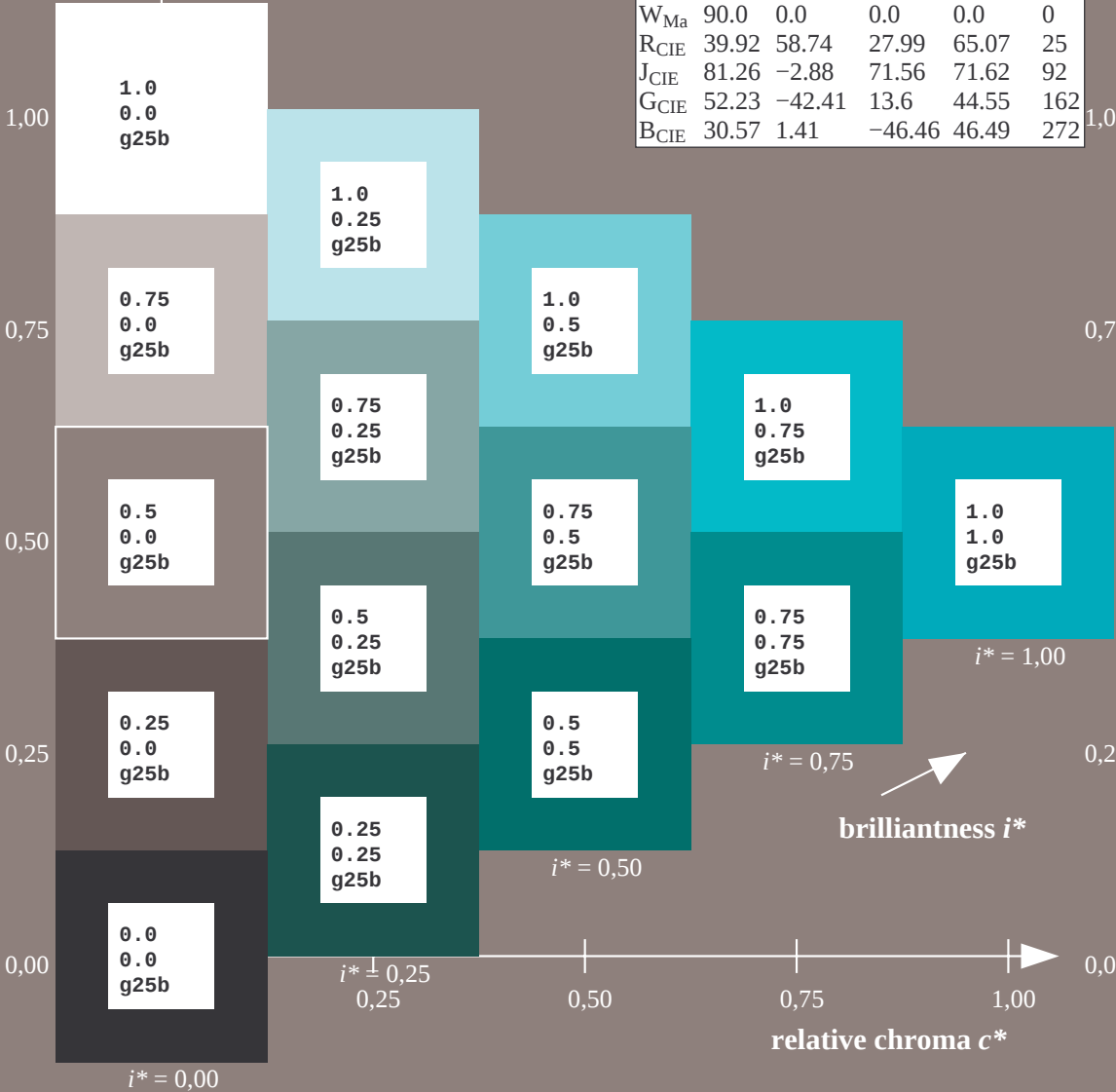
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 50 -35 -5
 $LAB^*LCH^*_{Ma}$: 50 36 190
 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
 $lab^*olv^*_{Ma}$: 0.0 1.0 0.69

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



$$u^* = g50b$$

Data for maximum colour (Ma):

*lab*icu**

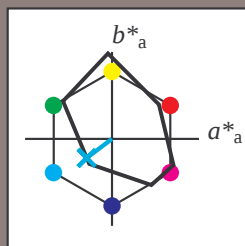
LAB*LAB*_{Ma}: 52 -28 -21

LAB*LCH*Ma: 52 36 217

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

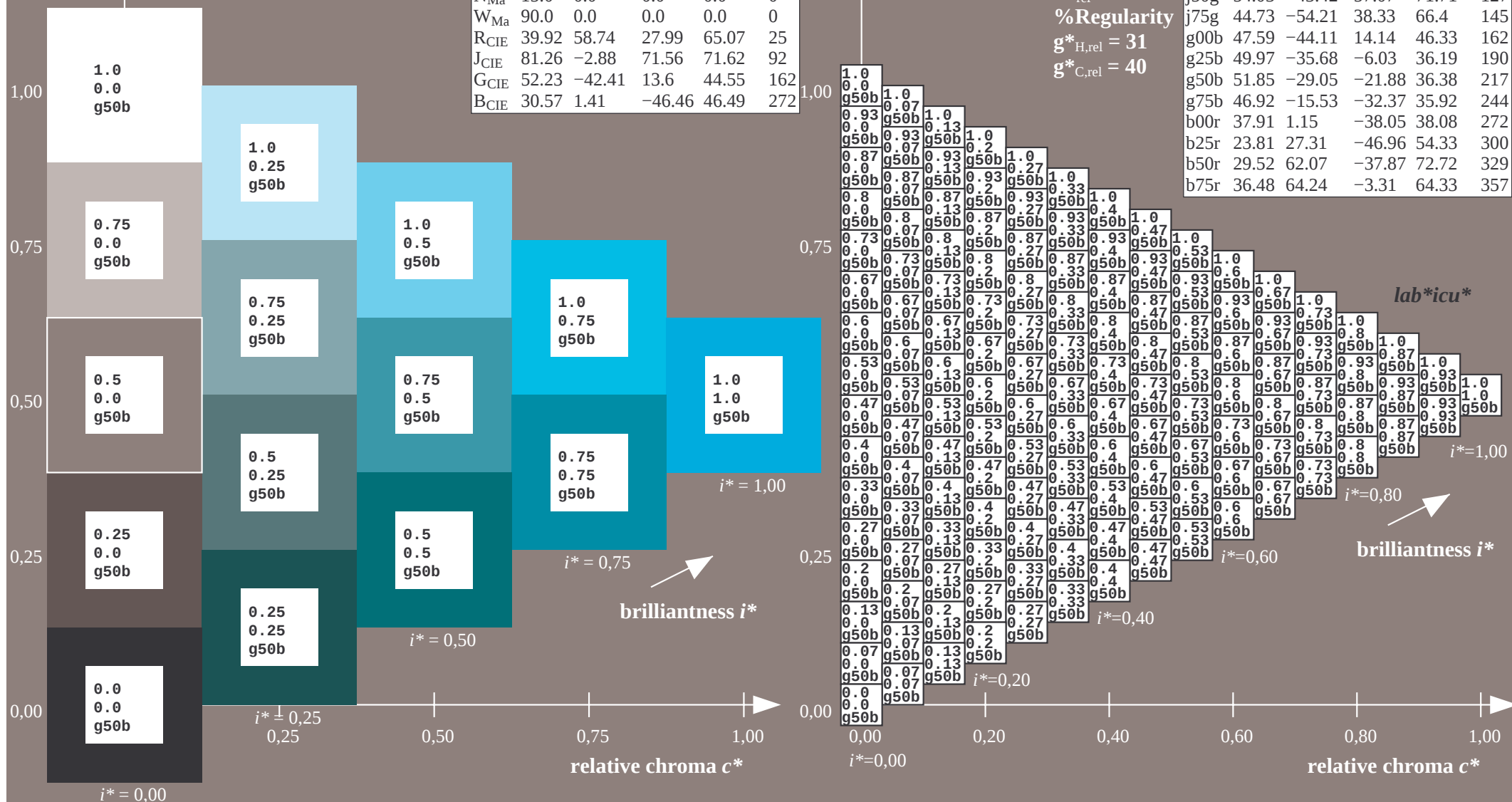
*lab*olv**Ma: 0.0 1.0 0.9

triangle lightness t^*



FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

FRS15_90aM; adapted (a) CIELAB data						
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



$$u^* = g75b$$

Data for maximum colour (Ma):

*lab*icu**

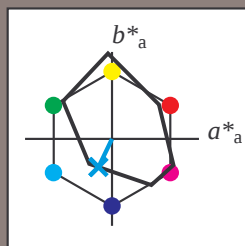
LAB*LAB*_{Ma}: 47 -15 -31

LAB*LCH*Ma: 47 36 244

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

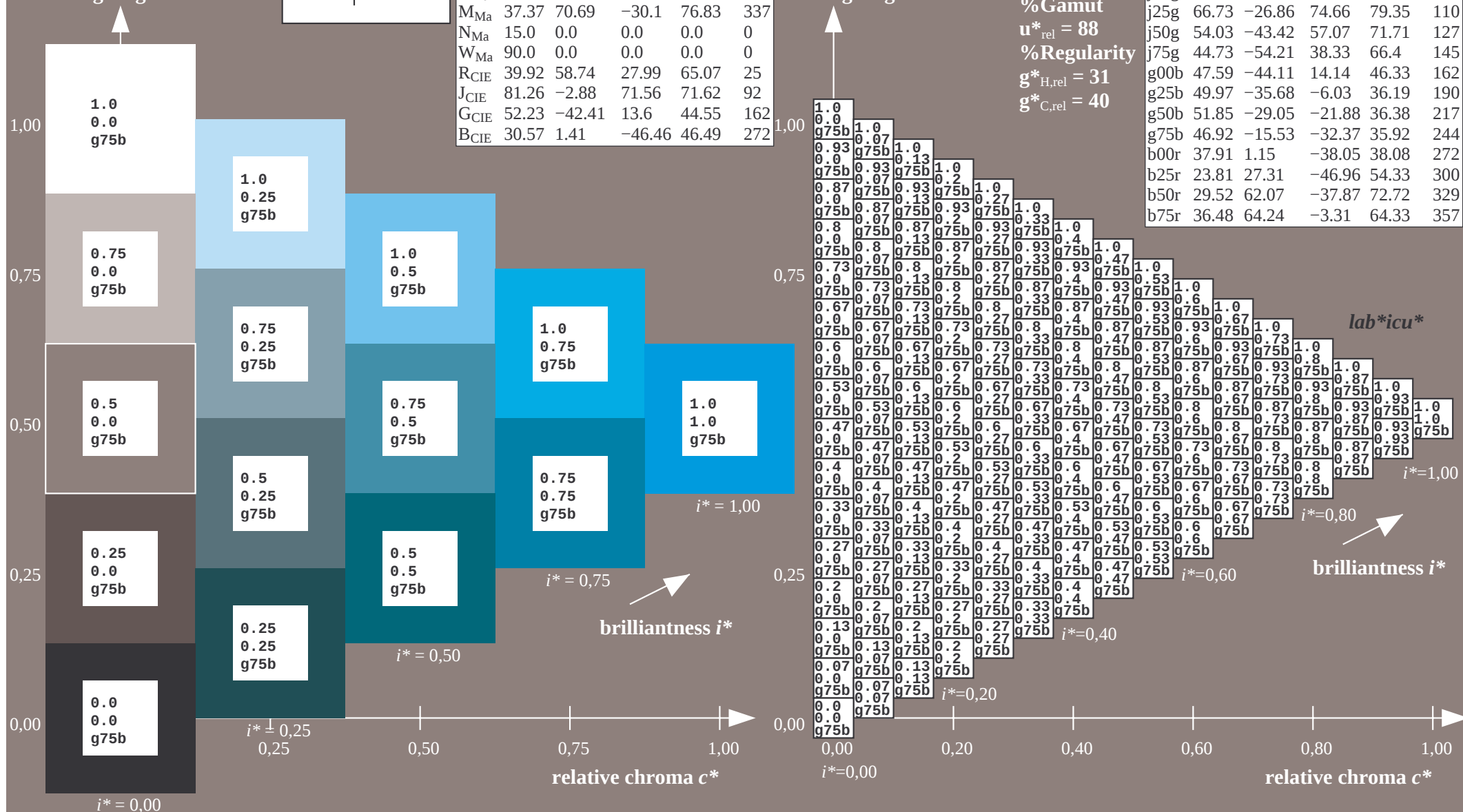
lab*olv*Ma: 0.0 0.85 1.0

triangle lightness t^*



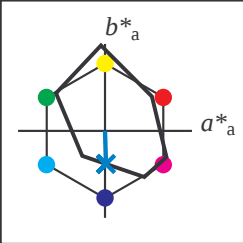
FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

FRS15_90aM; adapted (a) CIELAB data						
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b00r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



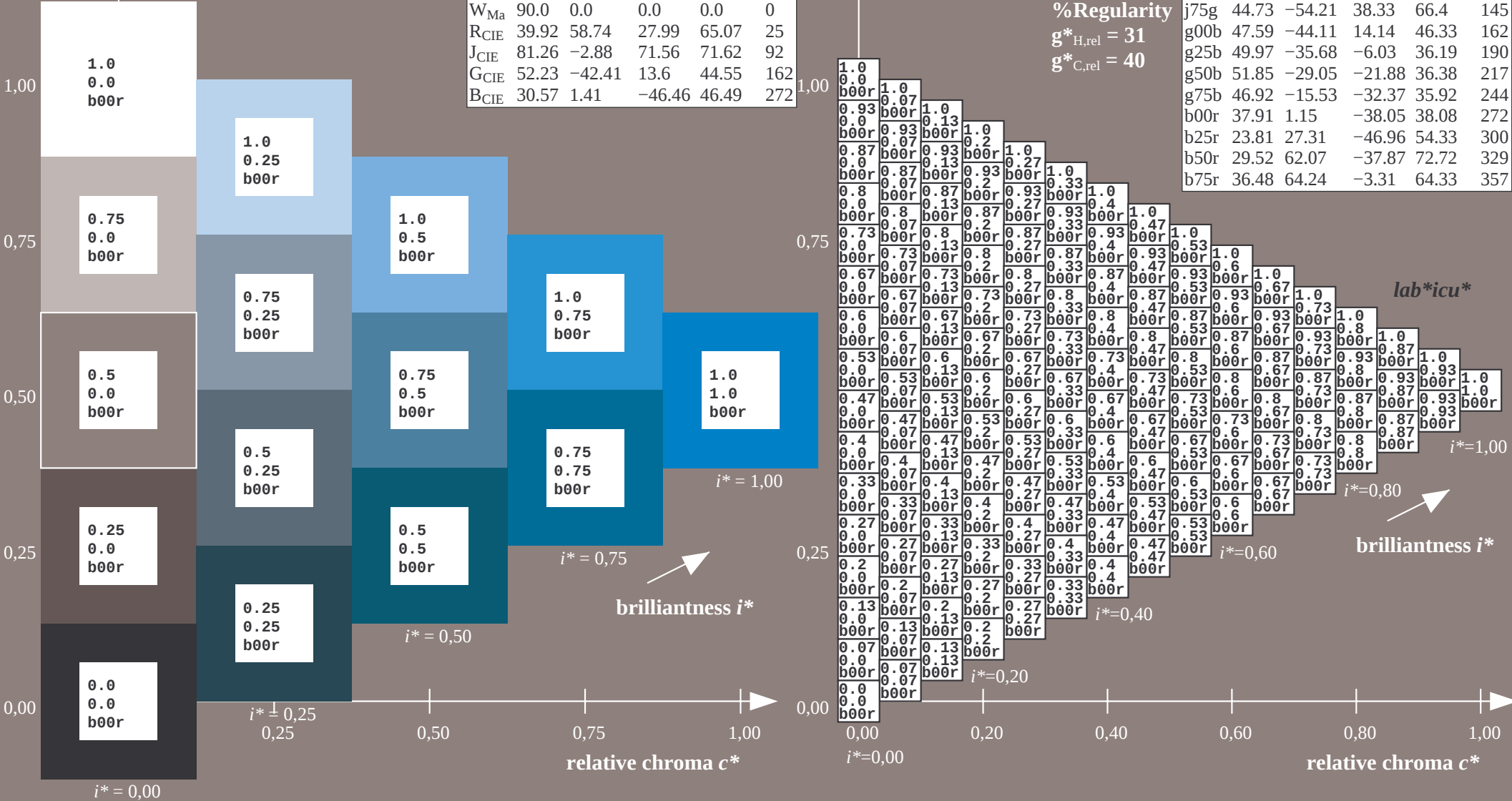
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

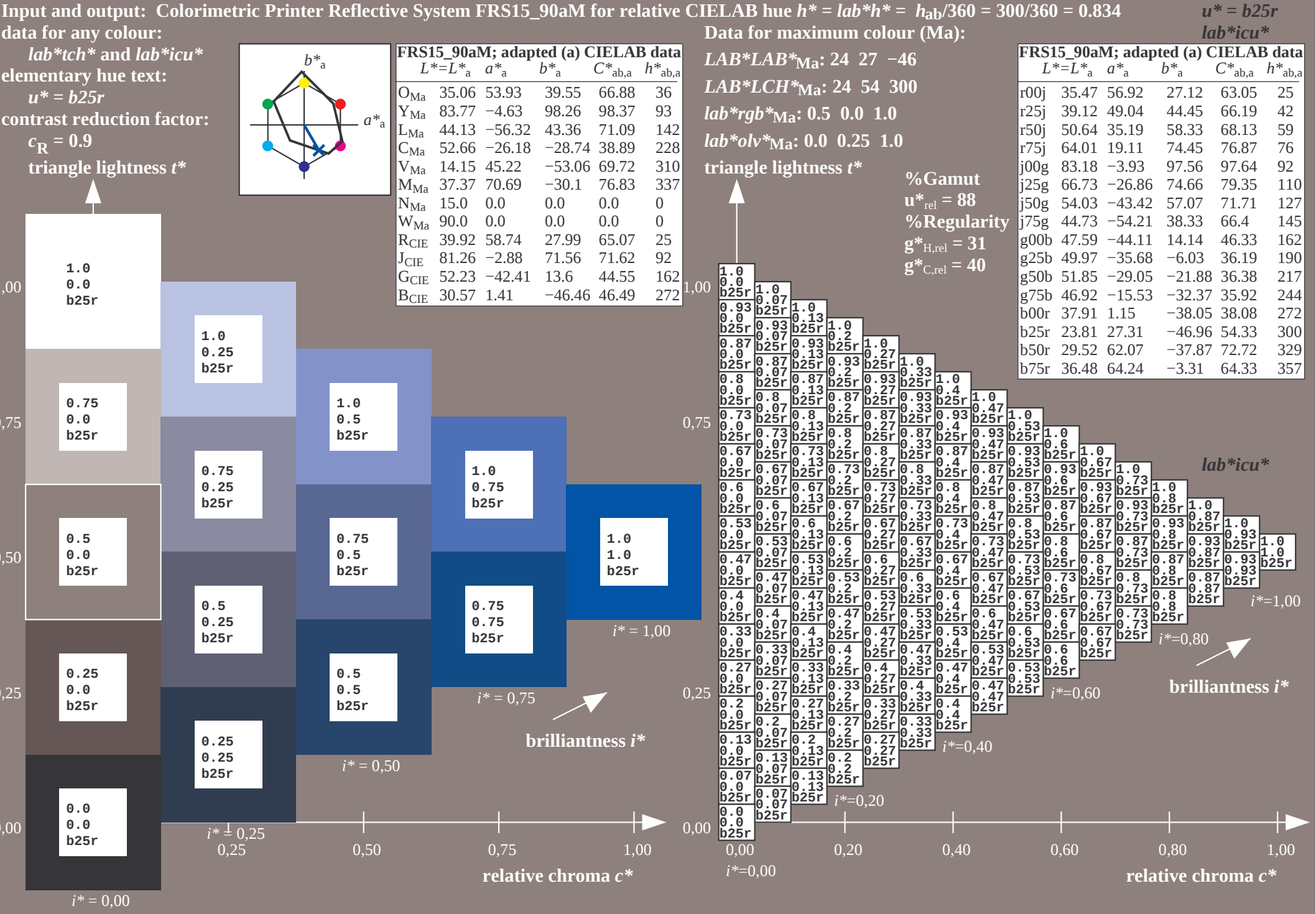
Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 38 1 -37
 $LAB^*LCH^*_{Ma}$: 38 38 272
 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.0 0.62 1.0

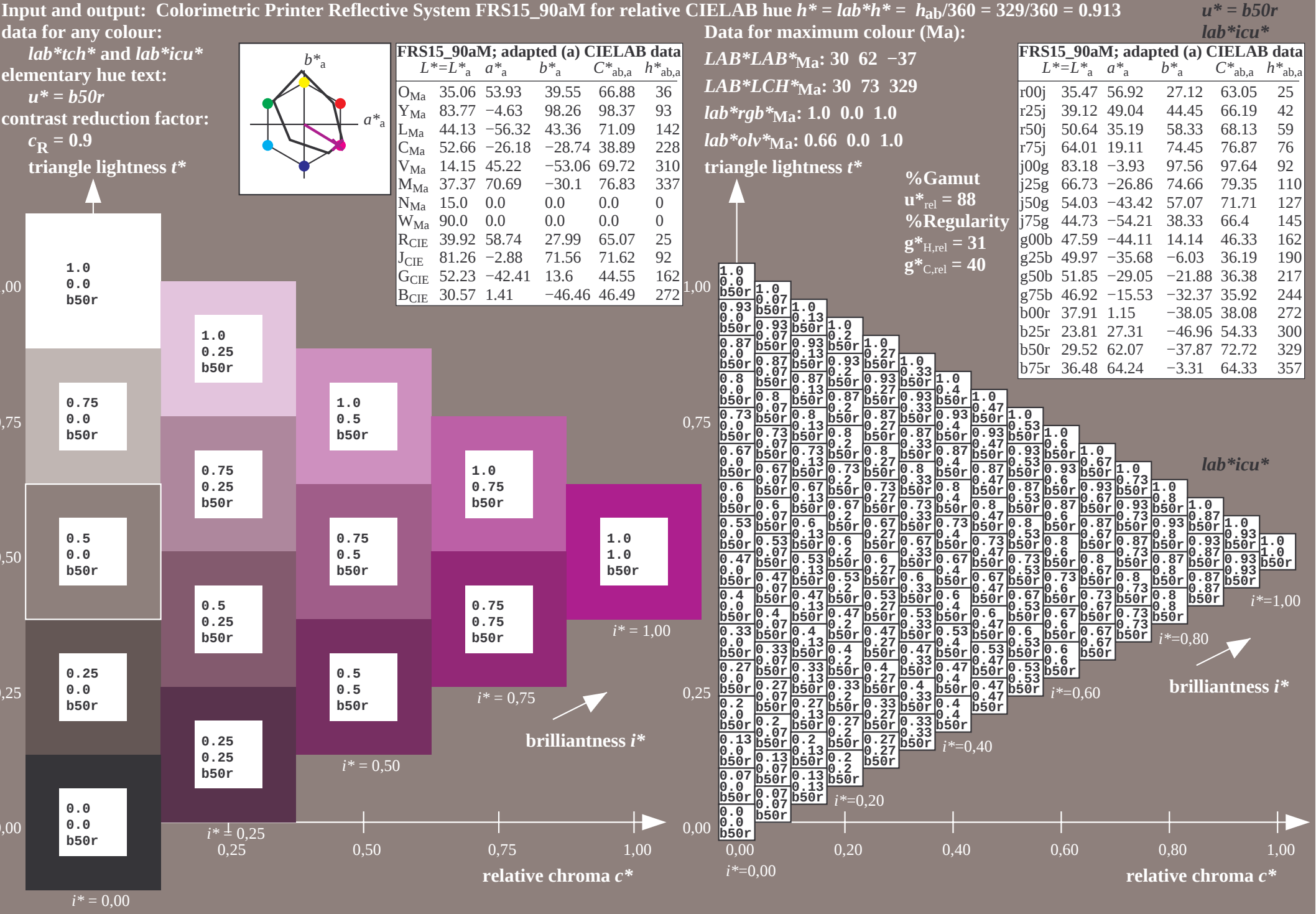
triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357







$i^* = 1,00$

brilliantness i^*

$i^* = 0,75$

$i^* = 0,50$

$i^* = 0,25$

$i^* = 0,00$

relative chroma c^*

$i^* = 1,00$

brilliantness i^*

$i^* = 0,80$

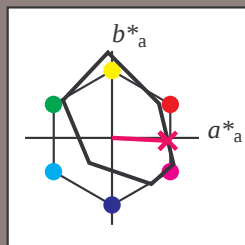
$i^* = 0,60$

$i^* = 0,40$

$i^* = 0,20$

$i^* = 0,00$

relative chroma c^*

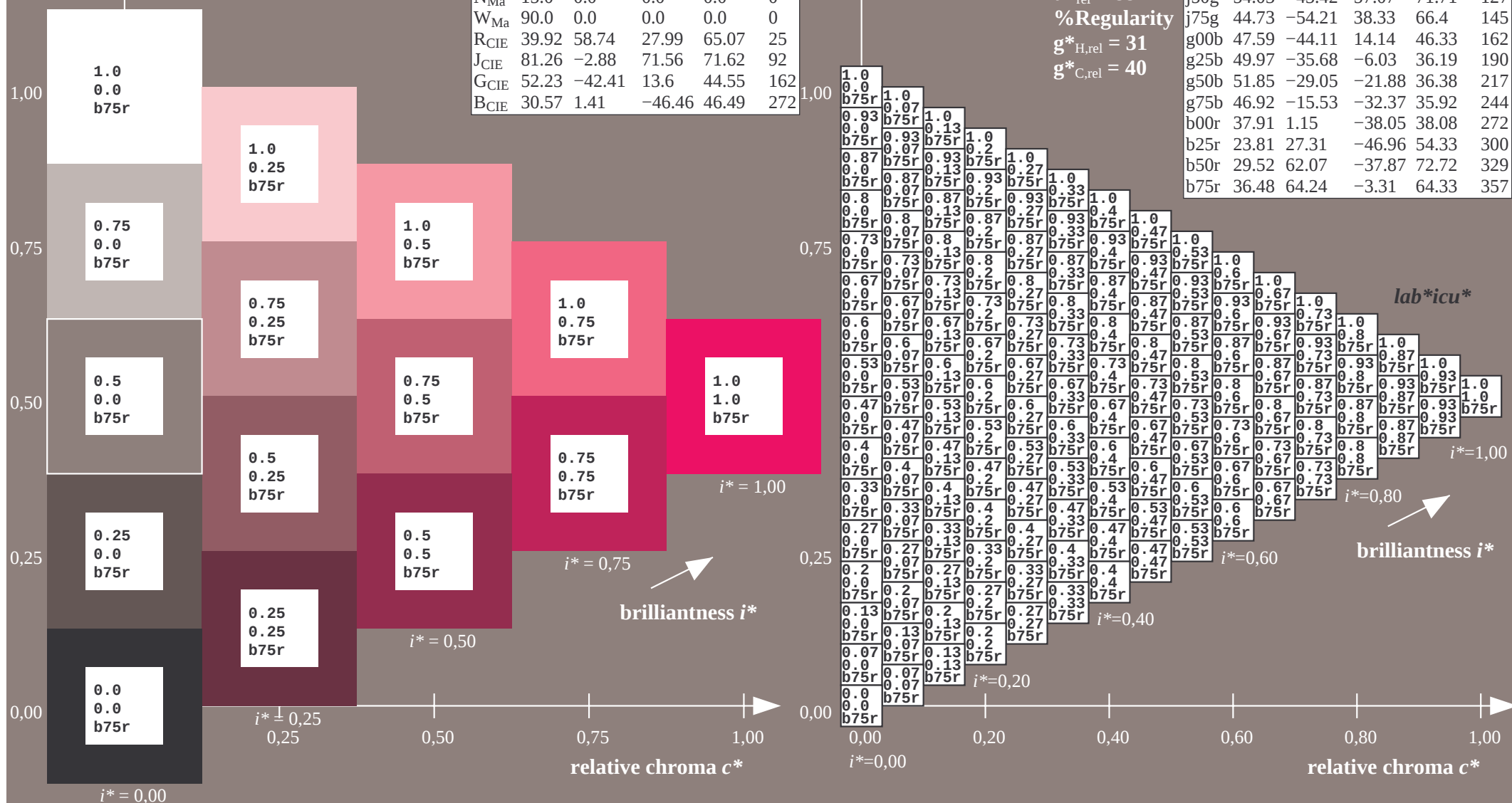
triangle lightness t^* 

FRS15_90aM; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	90.0	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

triangle lightness t^*

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

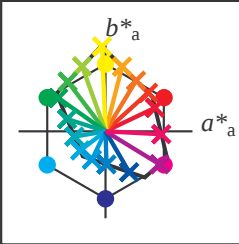
FRS15_90aM; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



[illegible]

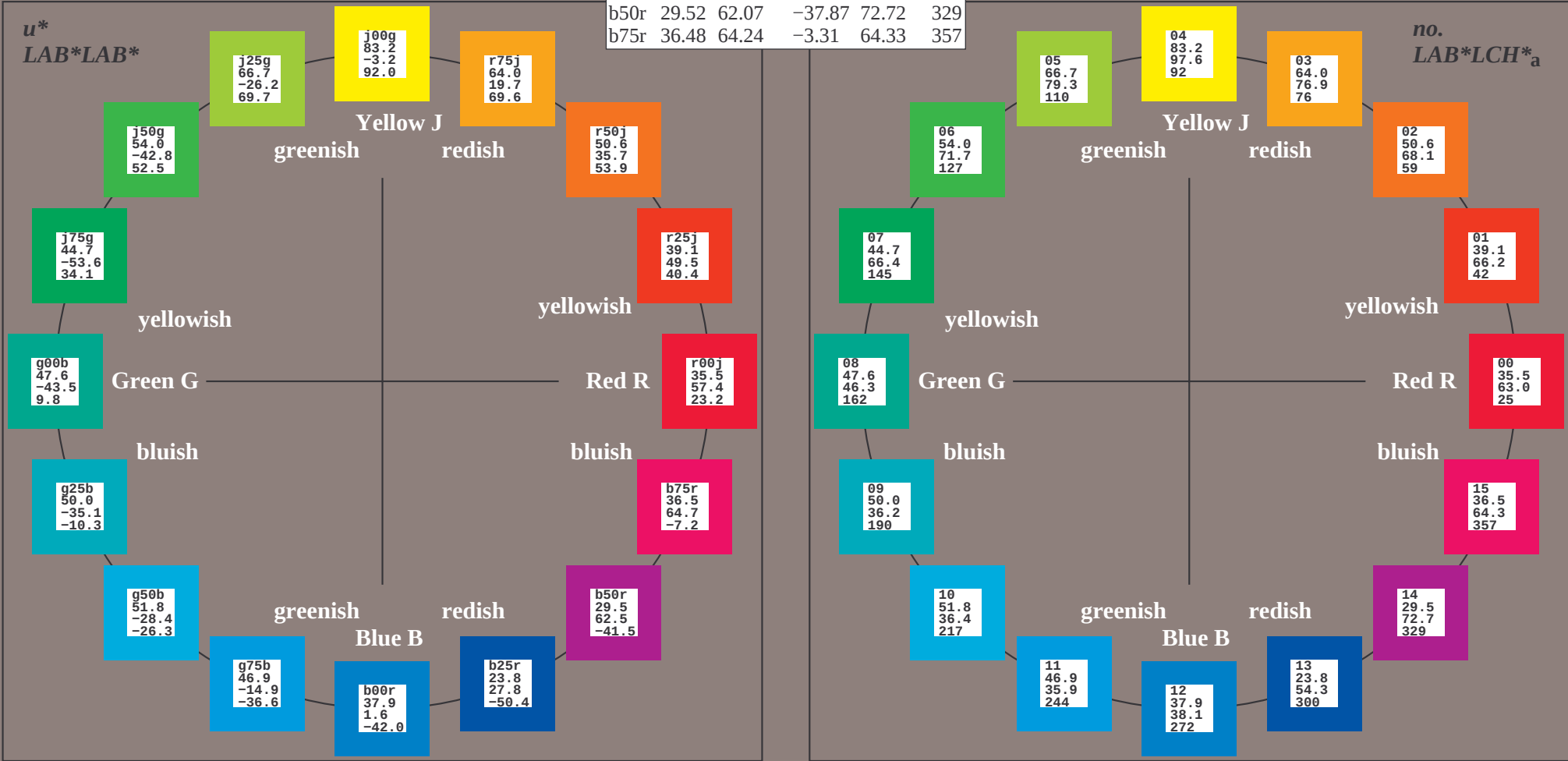
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
cR = 0.9

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



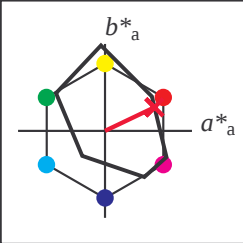
% Gamut
 $u^*_{rel} = 88$
% Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r00j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

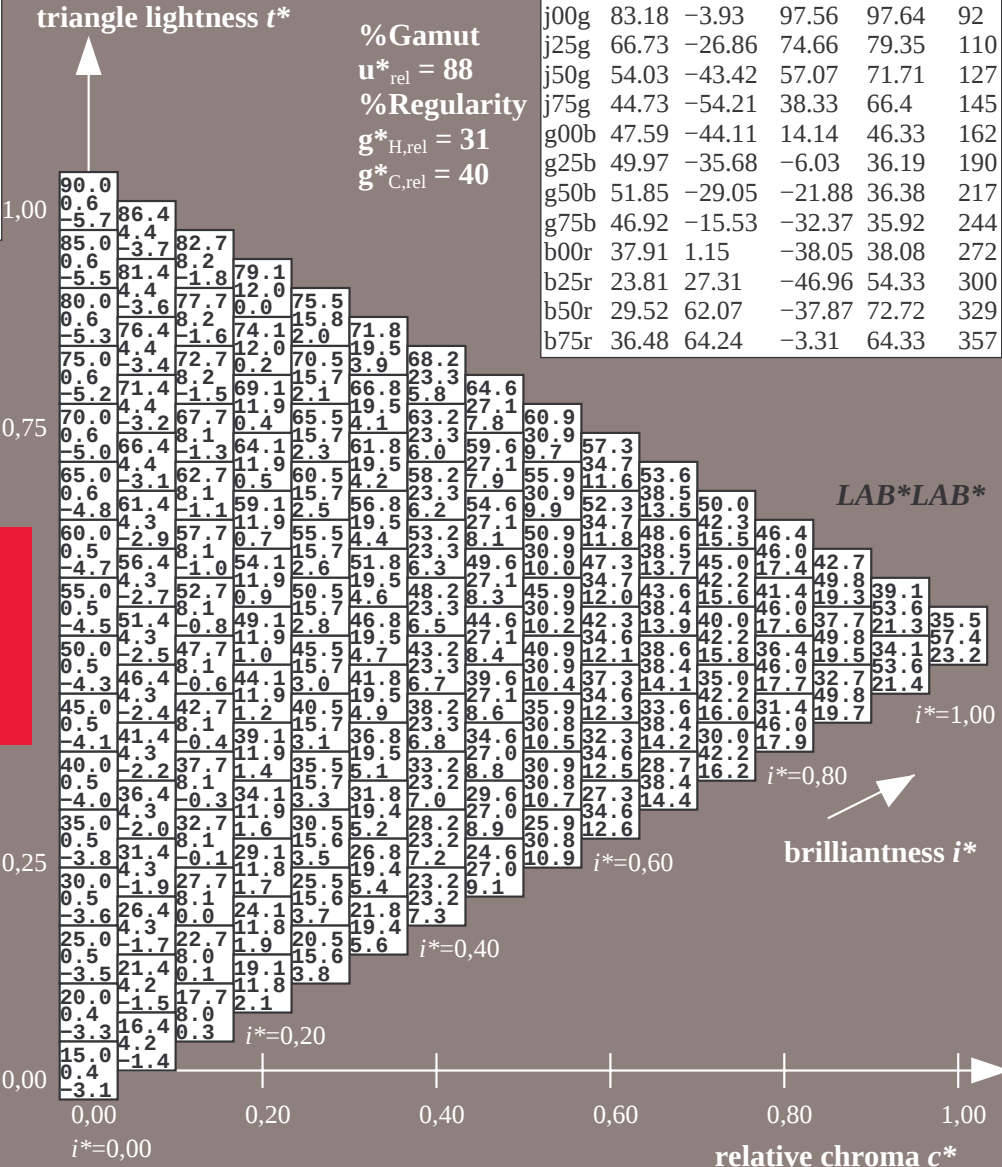
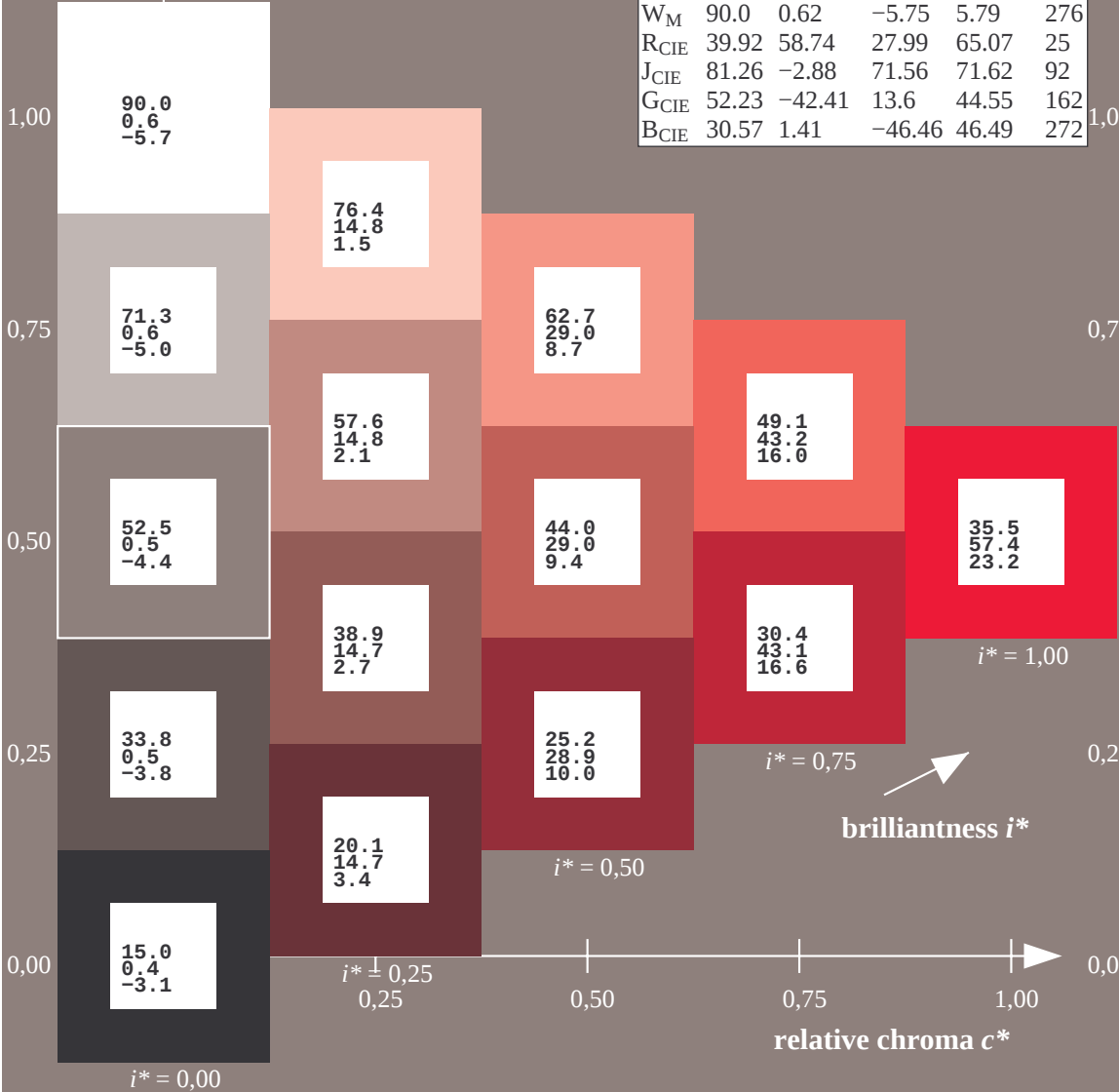


FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 35\ 57\ 27$
 $LAB^*LCH^*_{Ma}: 35\ 63\ 25$
 $lab^*rgb^*_{Ma}: 1.0\ 0.0\ 0.0$
 $lab^*olv^*_{Ma}: 1.0\ 0.0\ 0.18$

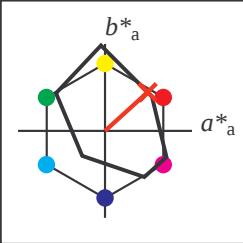
$u^* = r00j$
 LAB^*LAB^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r25j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

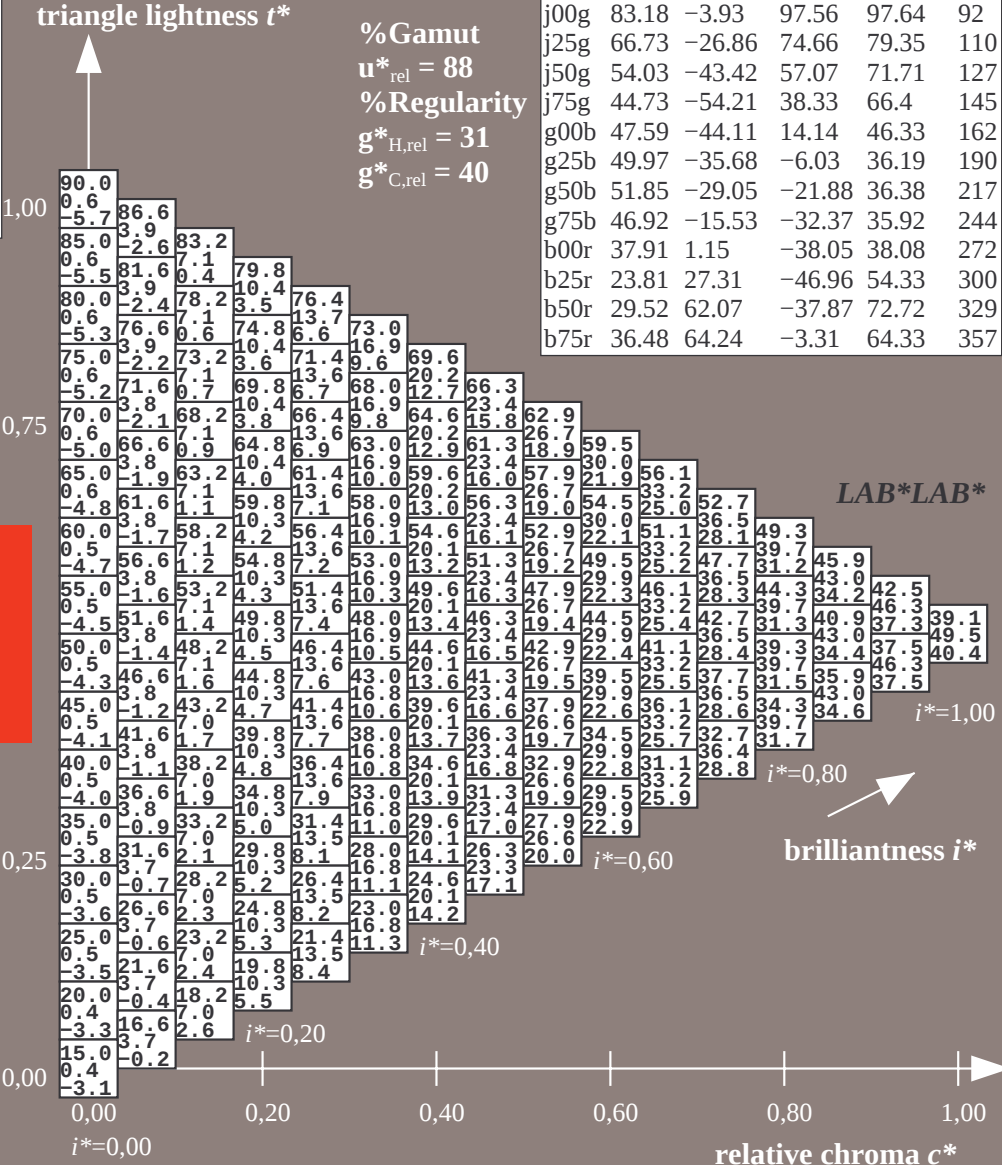
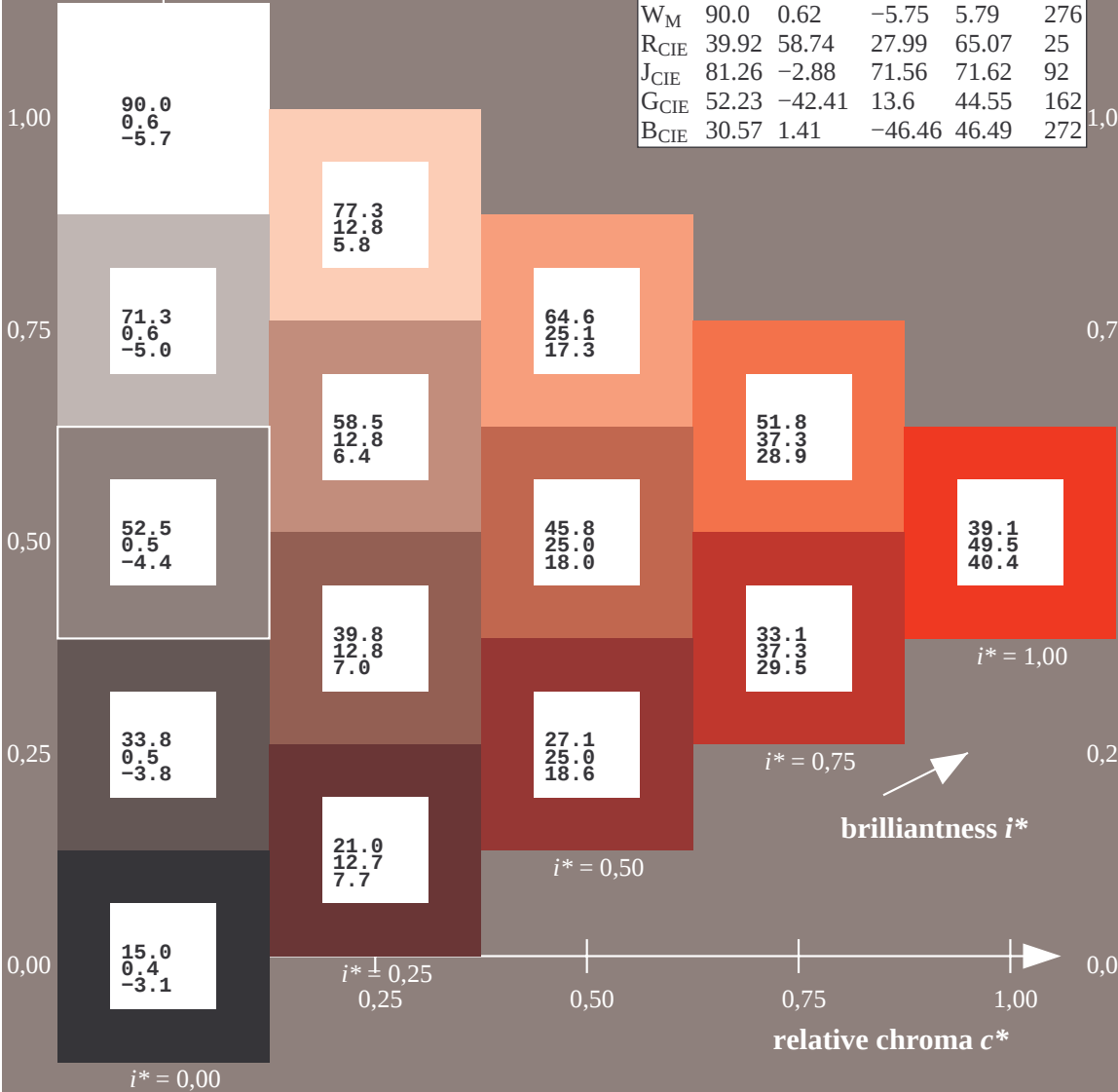


FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 39\ 49\ 44$
 $LAB^*LCH^*_{Ma}: 39\ 66\ 42$
 $lab^*rgb^*_{Ma}: 1.0\ 0.25\ 0.0$
 $lab^*olv^*_{Ma}: 1.0\ 0.08\ 0.0$

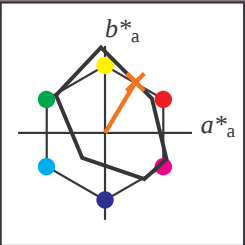
$u^* = r25j$
 LAB^*LAB^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r50j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

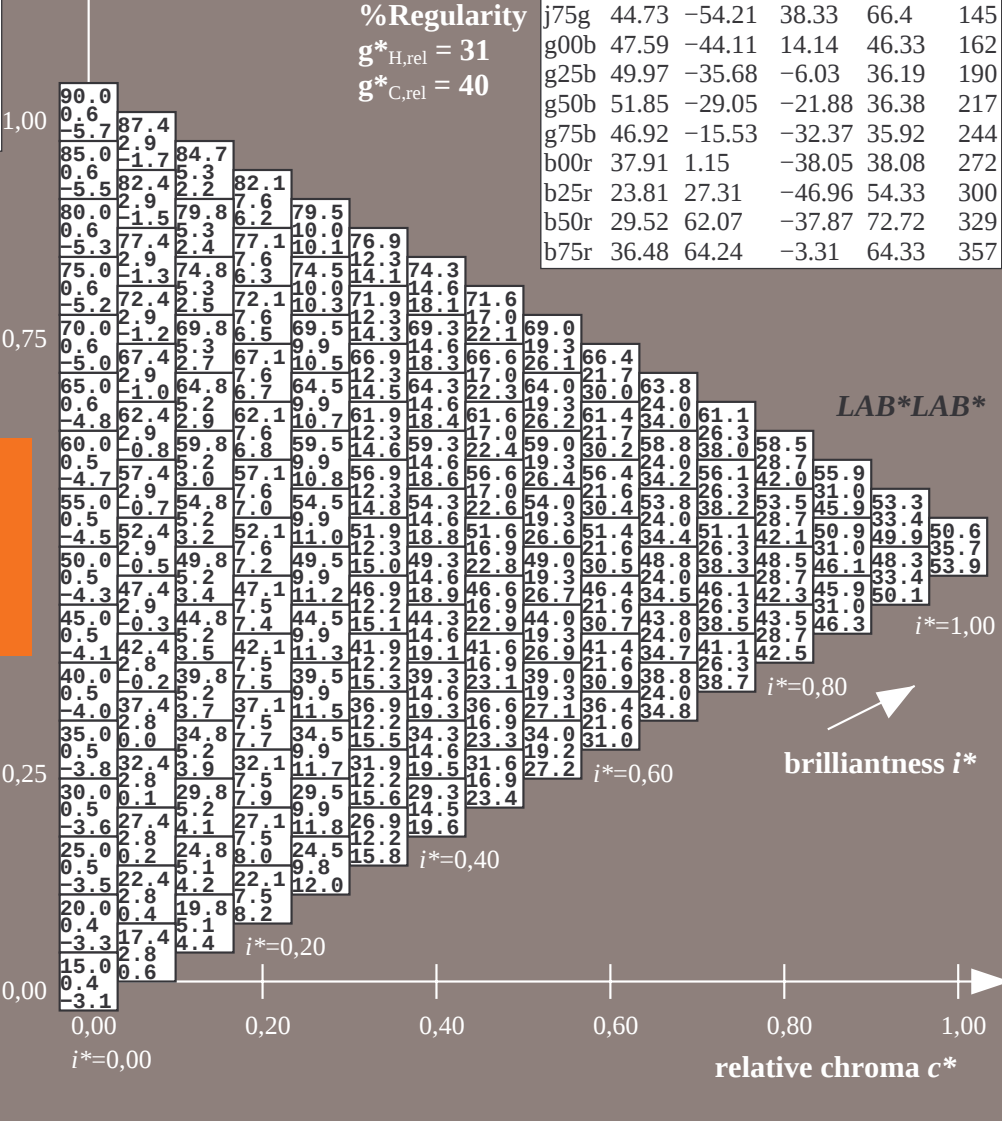
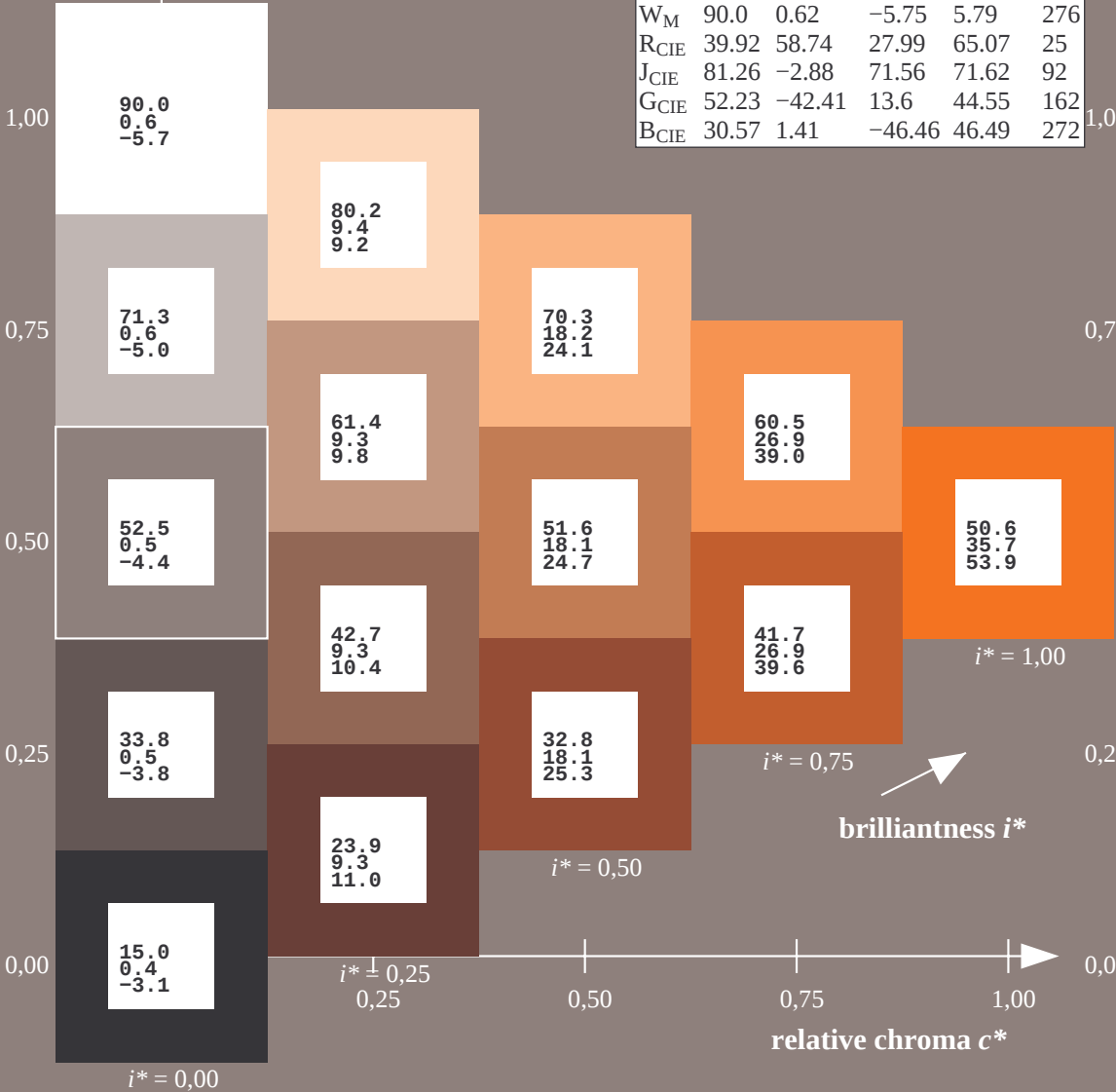
Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 51\ 35\ 58$
 $LAB^*LCH^*_Ma: 51\ 68\ 59$
 $lab^*rgb^*_Ma: 1.0\ 0.5\ 0.0$
 $lab^*olv^*_Ma: 1.0\ 0.32\ 0.0$

triangle lightness t^*

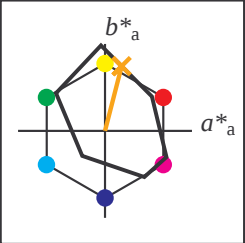
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r75j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

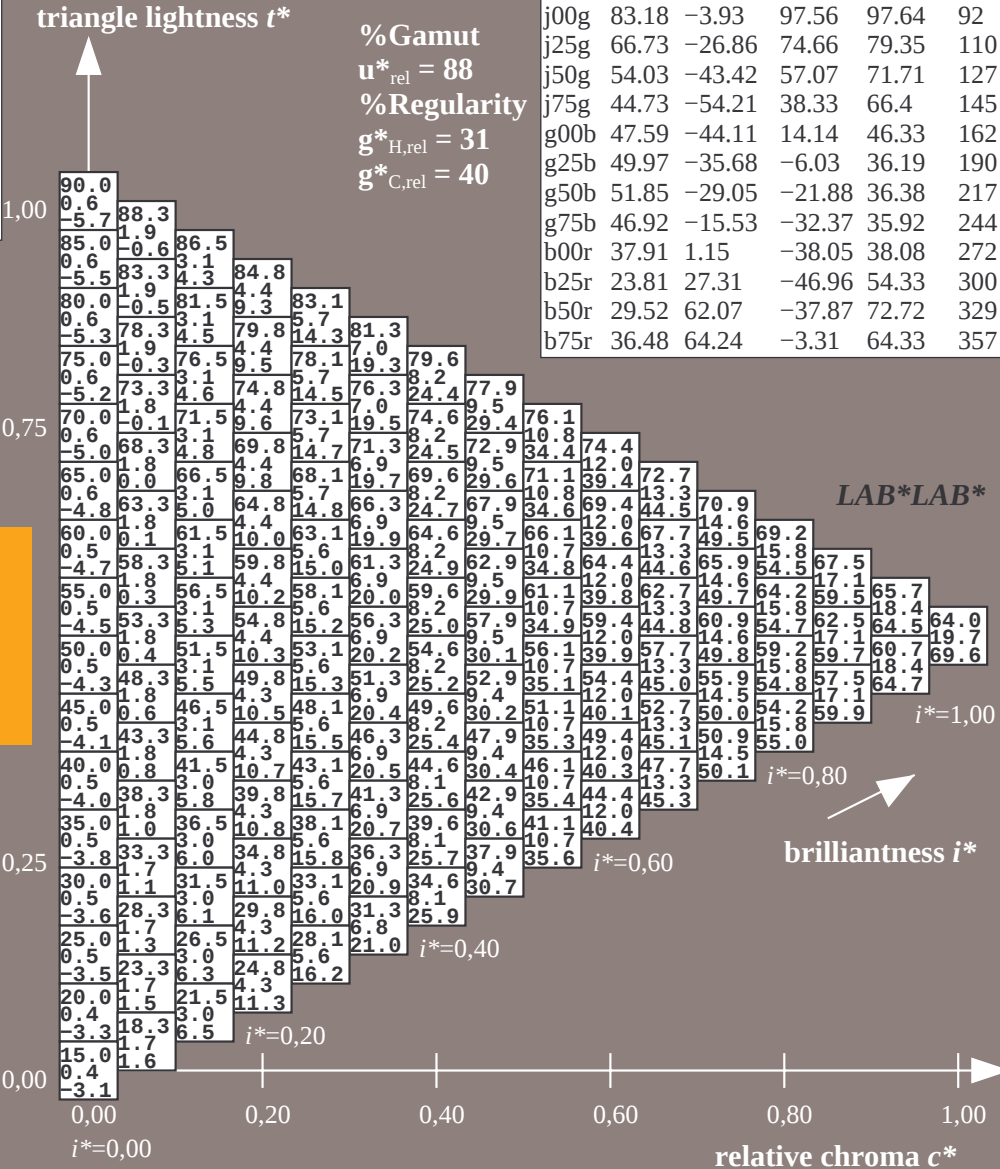
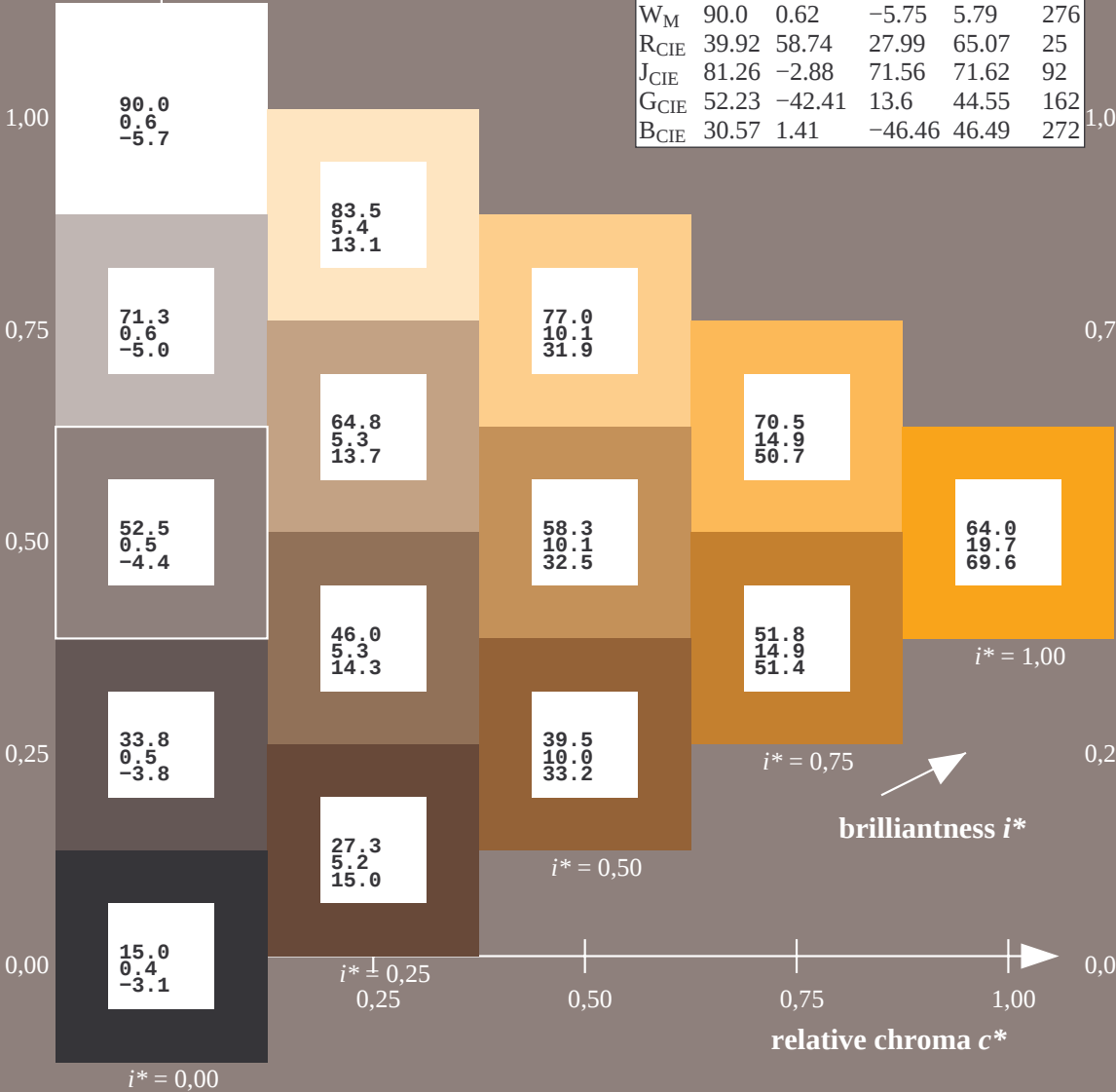


FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 64\ 19\ 74$
 $LAB^*LCH^*_{Ma}: 64\ 77\ 76$
 $lab^*rgb^*_{Ma}: 1.0\ 0.75\ 0.0$
 $lab^*olv^*_{Ma}: 1.0\ 0.59\ 0.0$

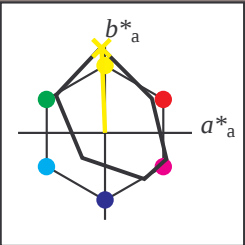
$u^* = r75j$
 LAB^*LAB^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j00g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

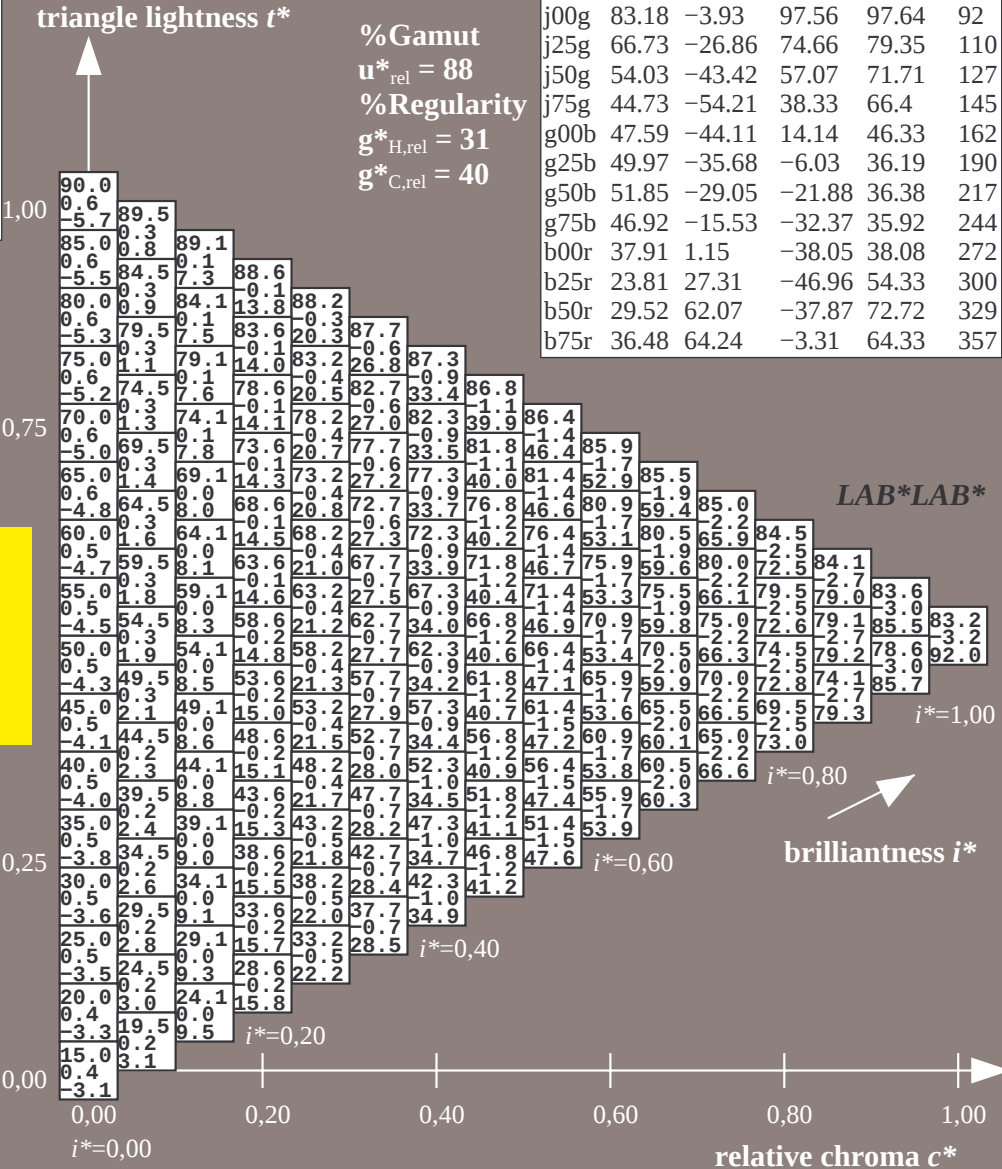
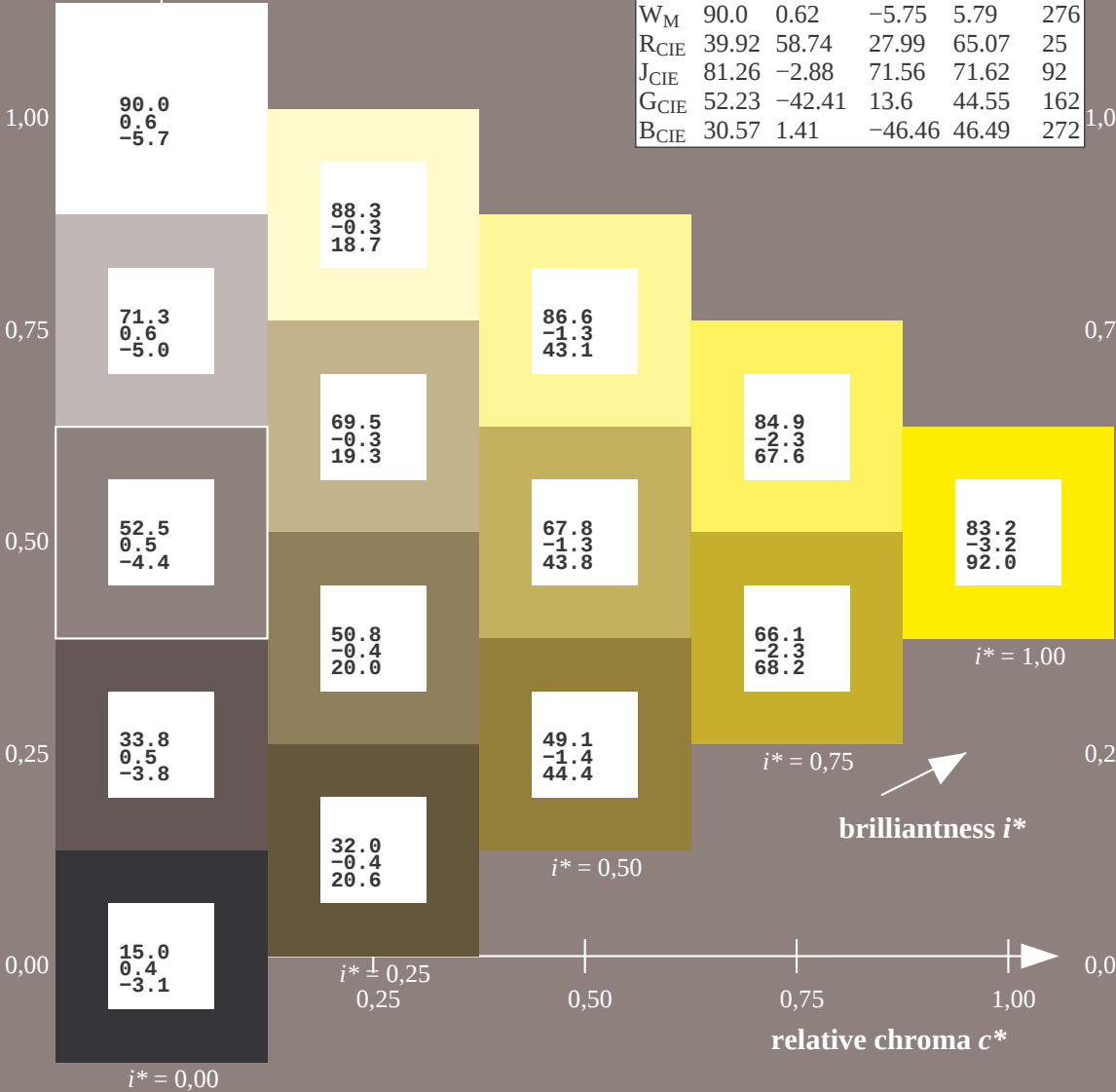


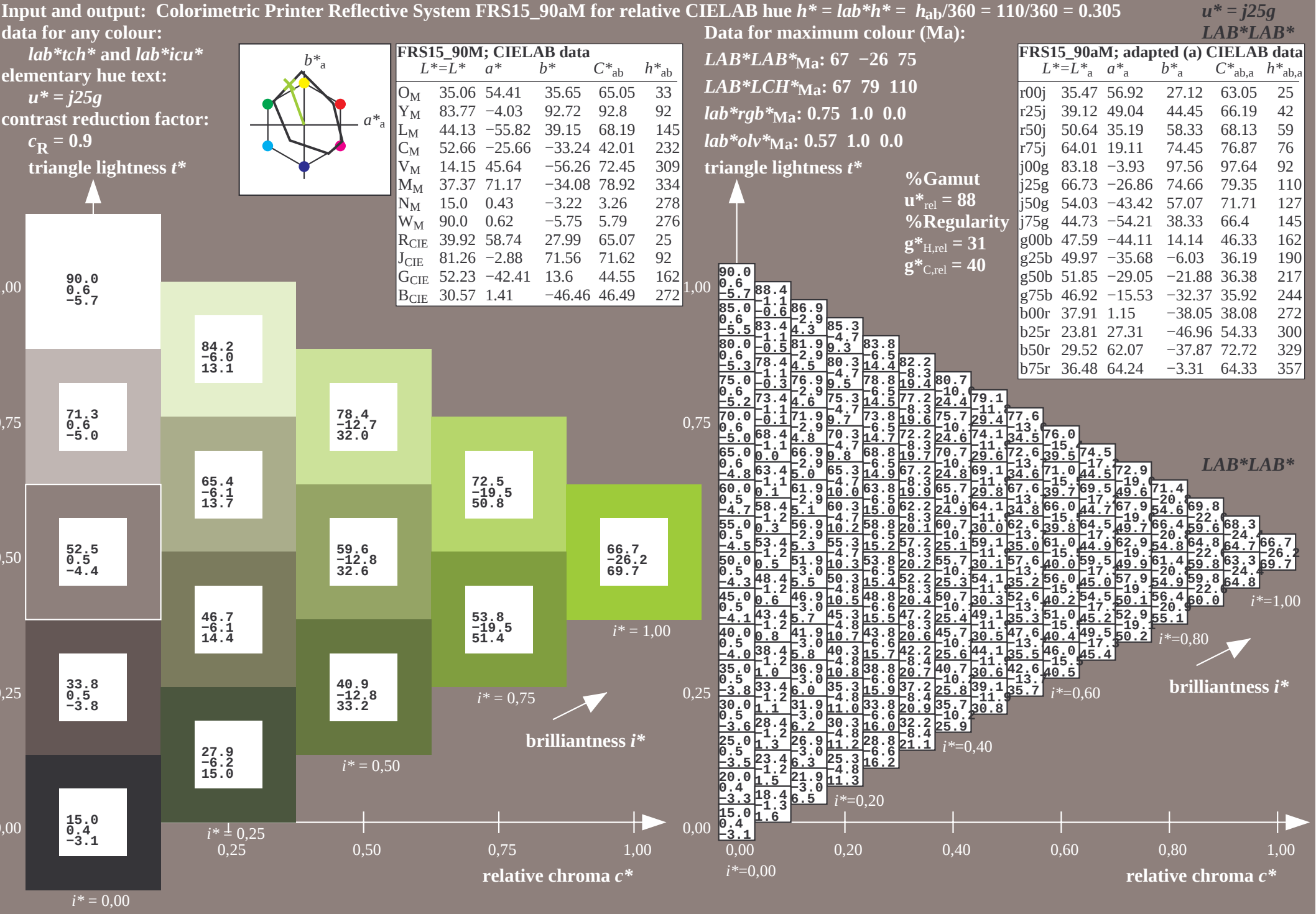
FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 83 -3 98$
 $LAB^*LCH^*_{Ma}: 83 98 92$
 $lab^*rgb^*_{Ma}: 1.0 1.0 0.0$
 $lab^*olv^*_{Ma}: 1.0 0.99 0.0$

$u^* = j00g$
 LAB^*LAB^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

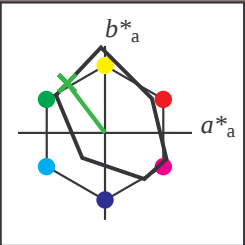




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Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j50g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

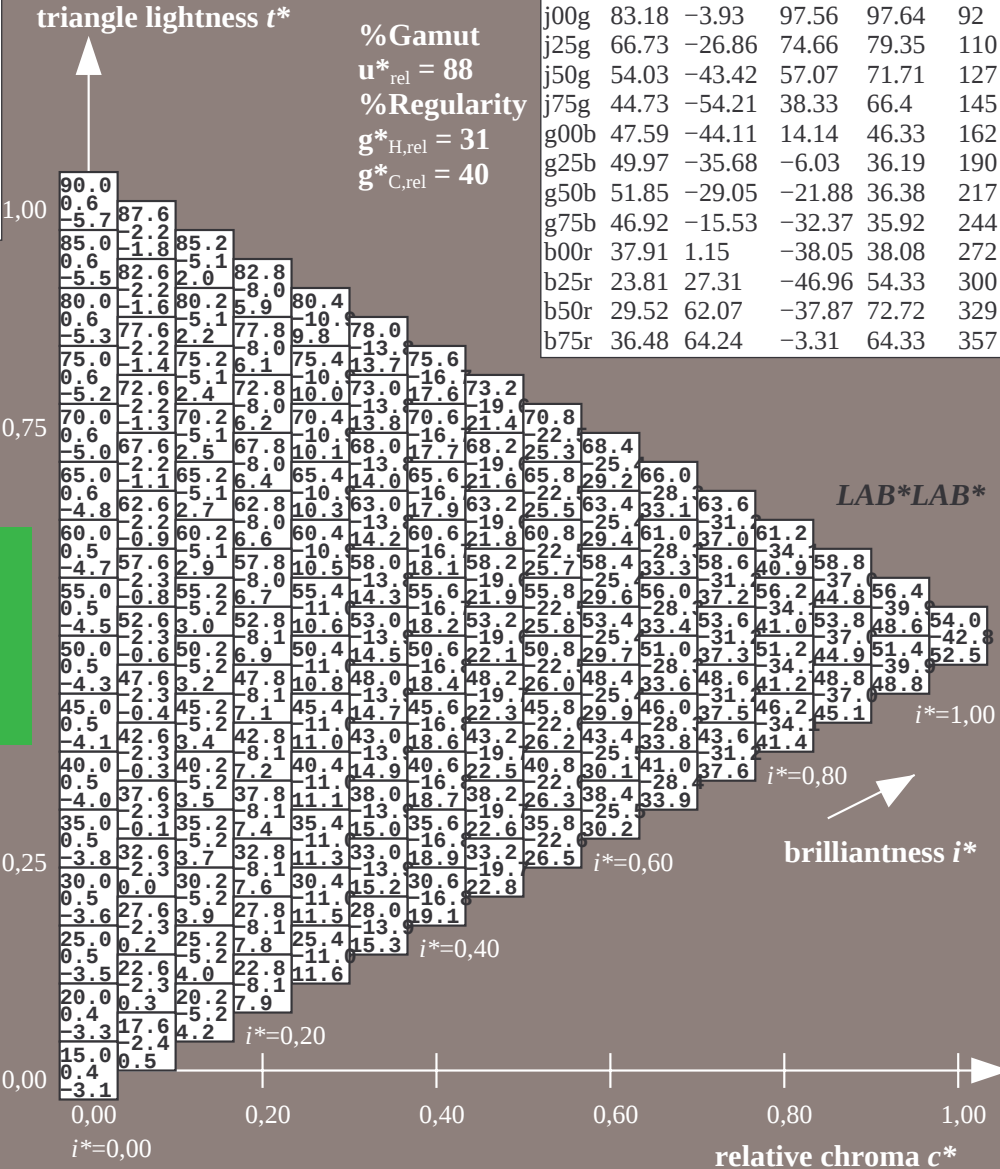
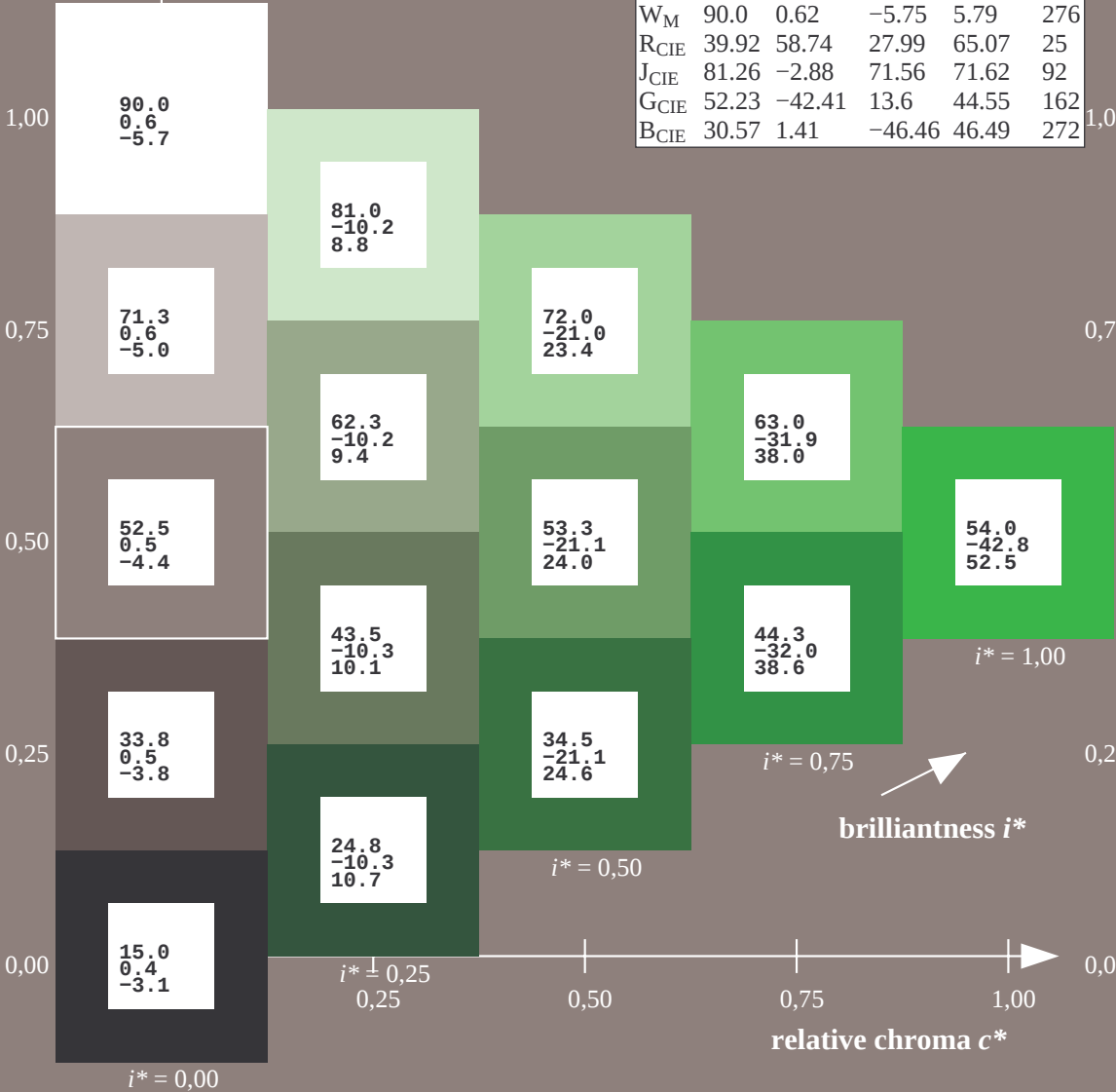


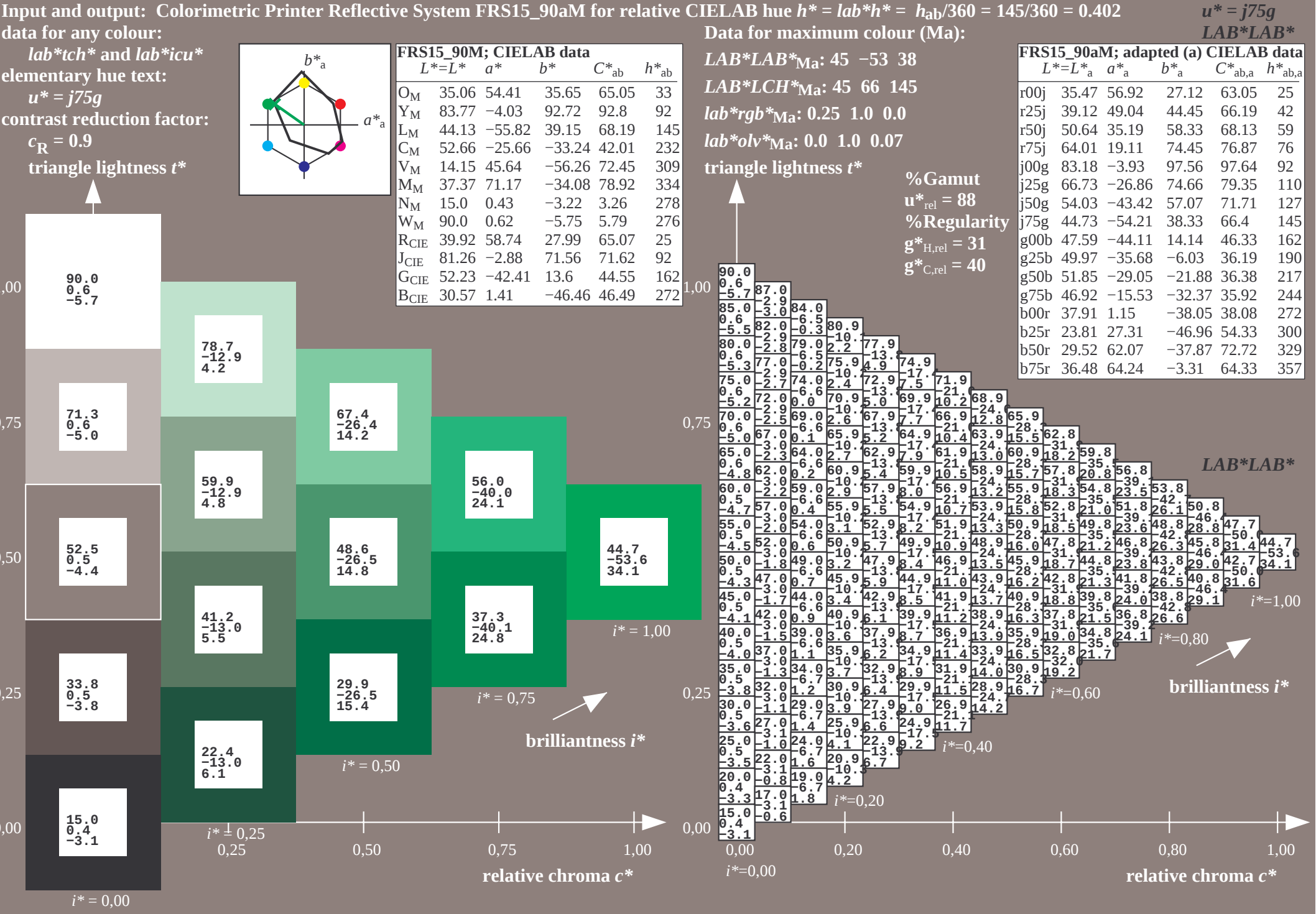
FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 54 -42 57$
 $LAB^*LCH^*_{Ma}: 54 72 127$
 $lab^*rgb^*_{Ma}: 0.5 1.0 0.0$
 $lab^*olv^*_{Ma}: 0.25 1.0 0.0$

$u^* = j50g$
 LAB^*LAB^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357





brilliantness i^*

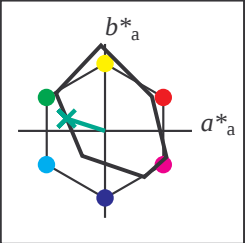
relative chroma c^*

brilliantness i^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g00b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



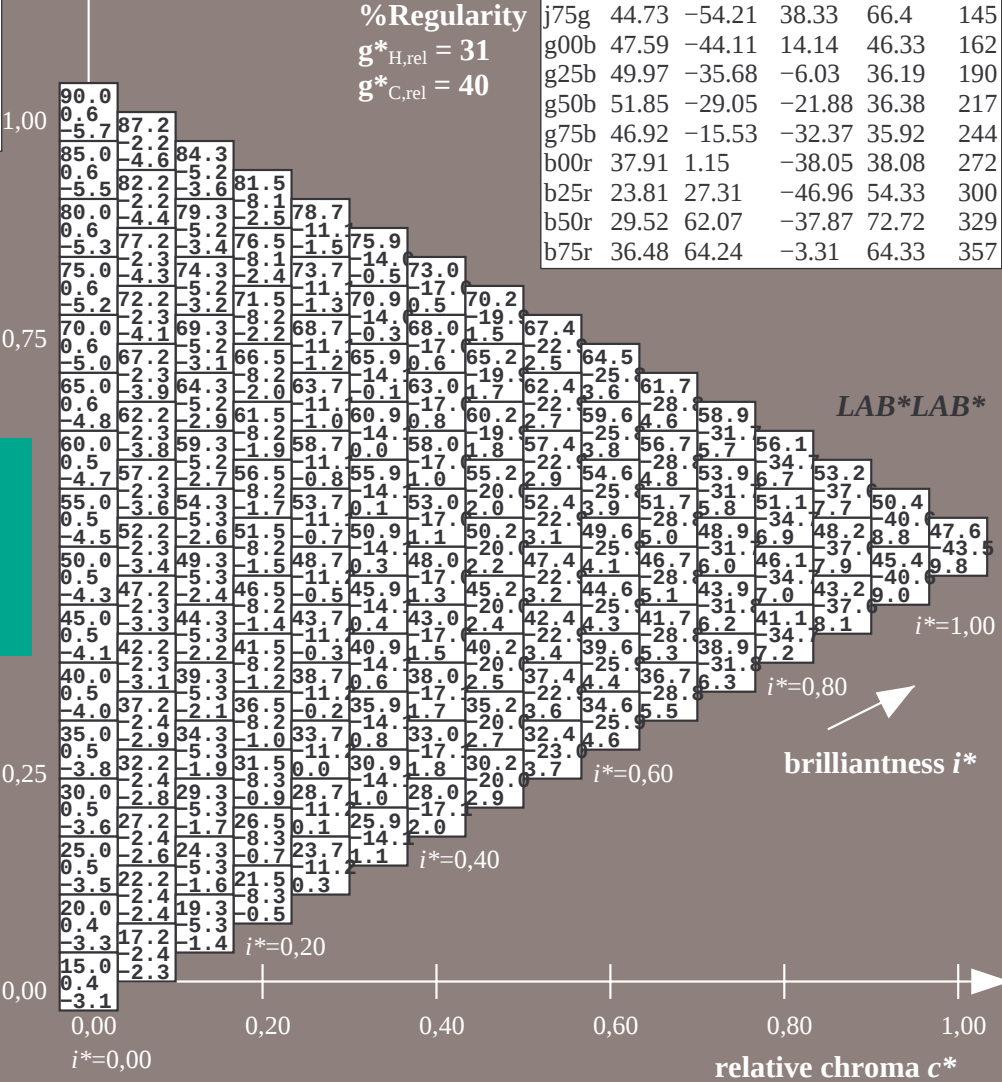
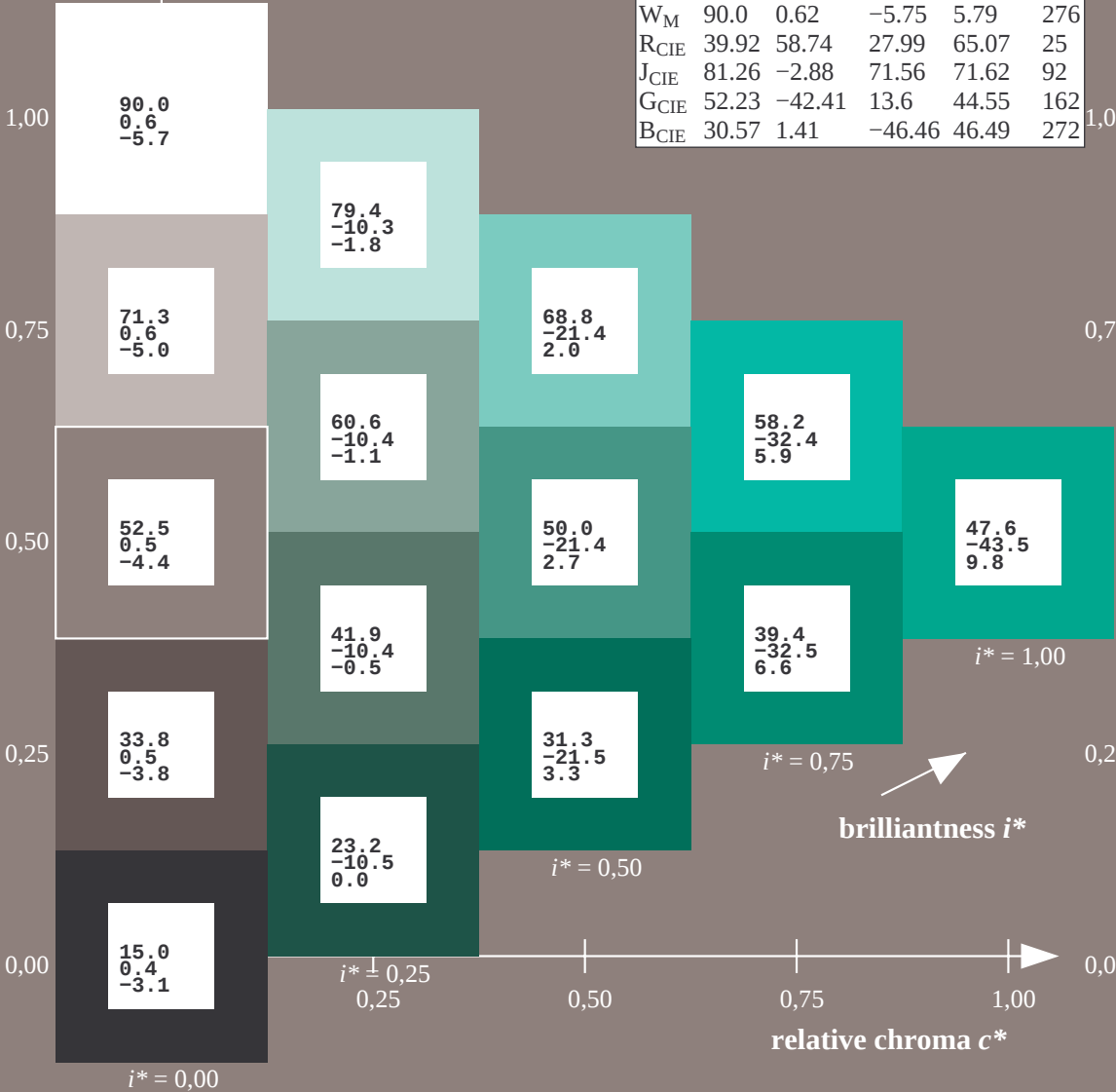
FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 48 -43 14$
 $LAB^*LCH^*_{Ma}: 48 46 162$
 $lab^*rgb^*_{Ma}: 0.0 1.0 0.0$
 $lab^*olv^*_{Ma}: 0.0 1.0 0.41$

triangle lightness t^*

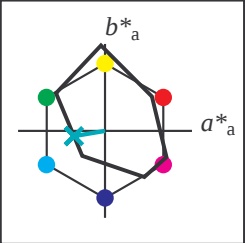
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g25b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

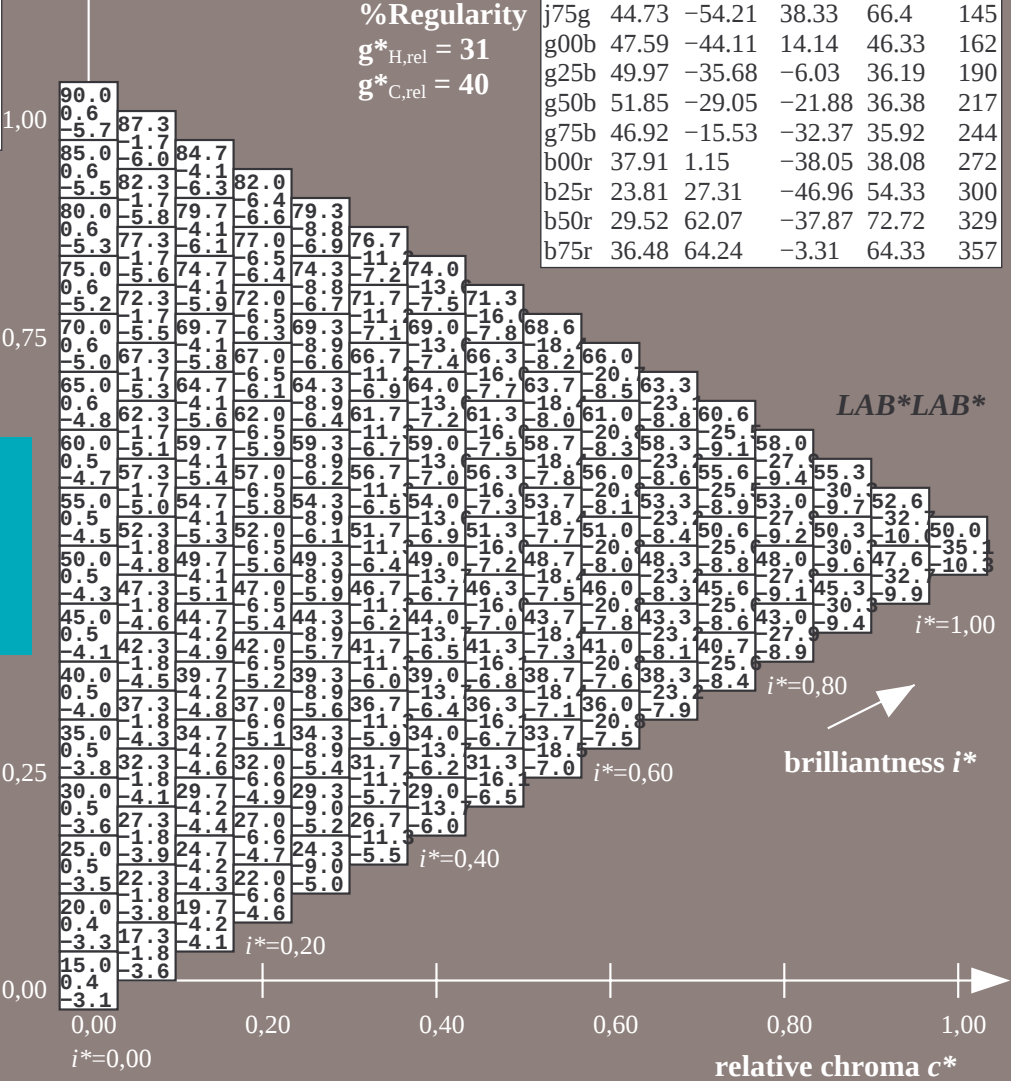
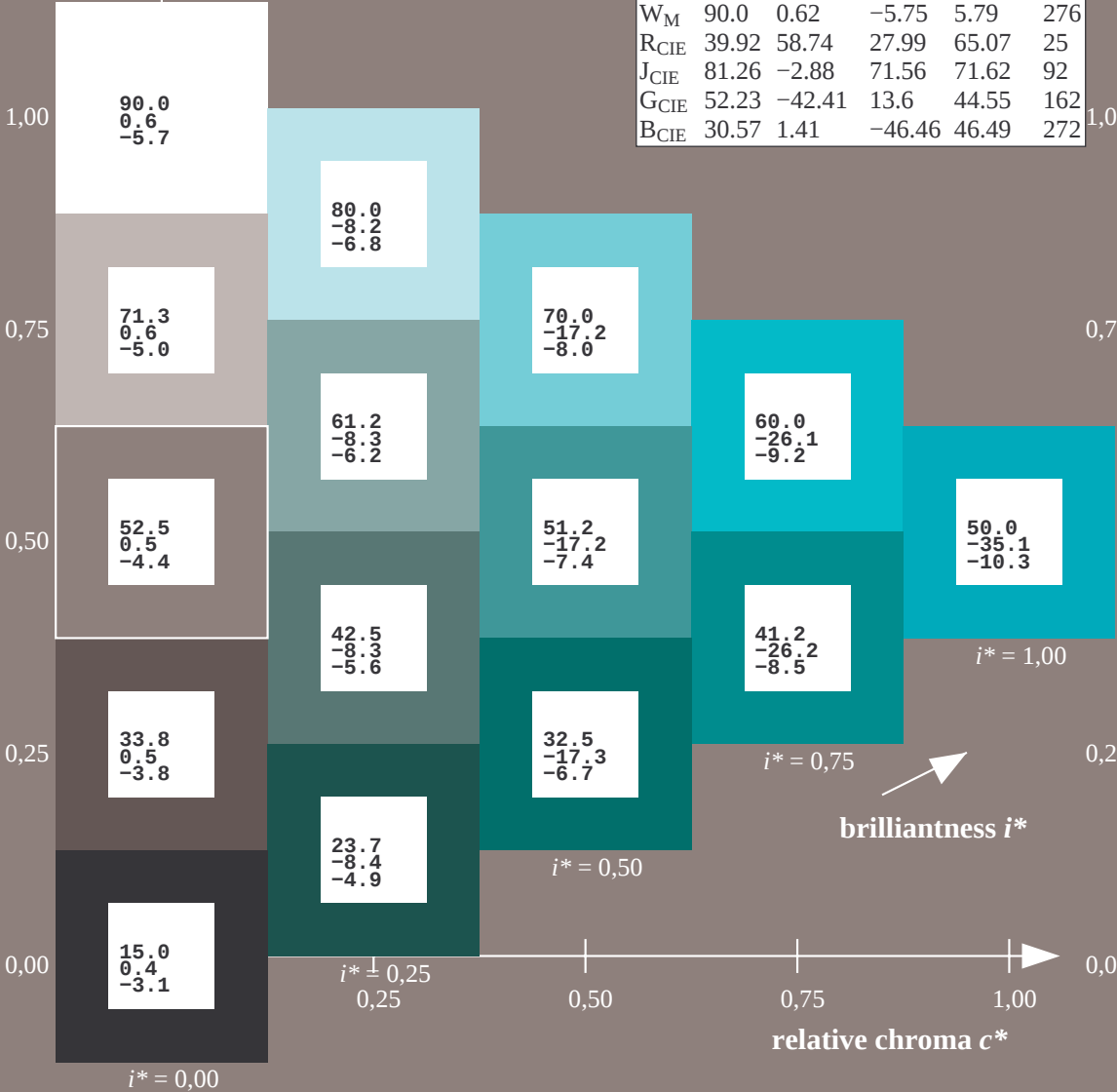
Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 50 \ -35 \ -5$
 $LAB^*LCH^*_{Ma}: 50 \ 36 \ 190$
 $lab^*rgb^*_{Ma}: 0.0 \ 1.0 \ 0.5$
 $lab^*olv^*_{Ma}: 0.0 \ 1.0 \ 0.69$

$u^* = g25b$
 LAB^*LAB^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$



$u^* = g50b$
 LAB^*LAB^*

FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



LAB*LAB*_{Ma}: 52 -28 -21

LAB*LCH*_{Ma}: 52 36 217

lab*rgb*_Ma: 0.0 1.0 1.0

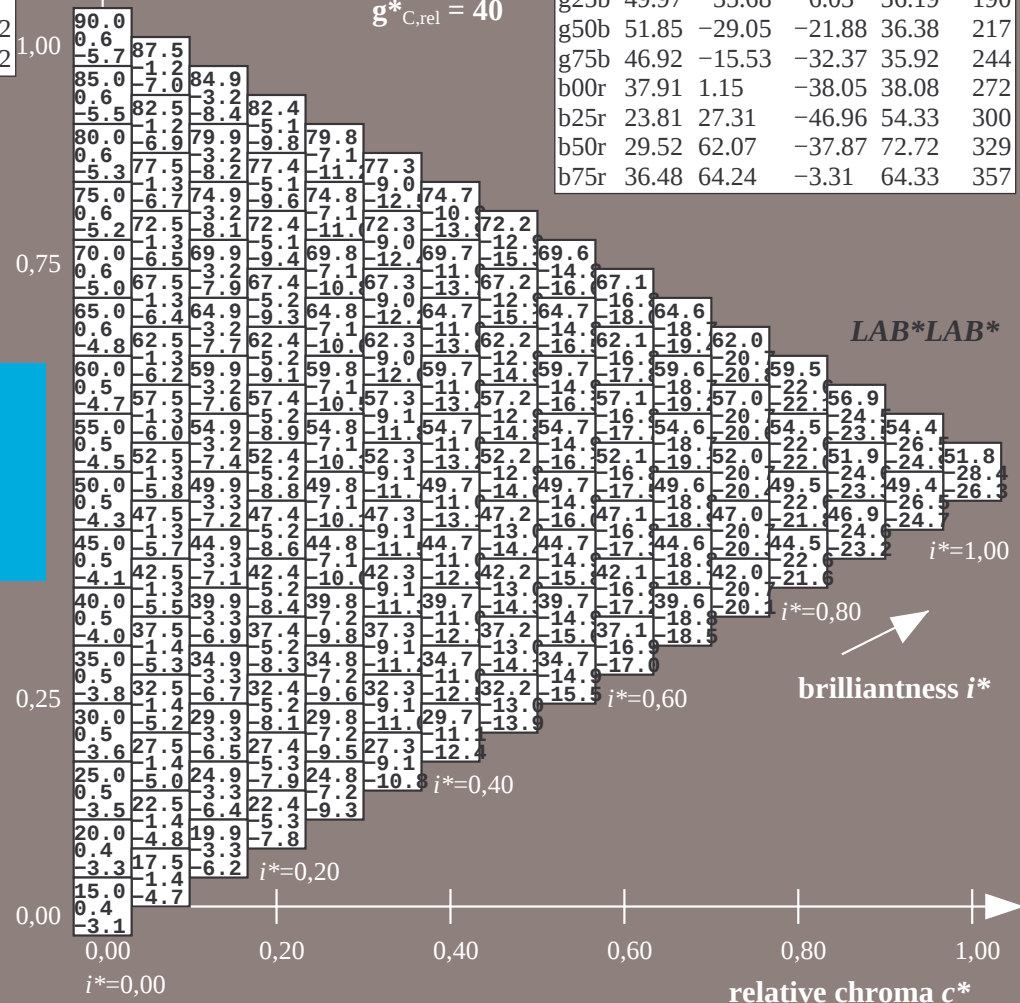
*lab*olv**_{Ma}: 0.0 1.0 0.9

triangle lightness t^*

%Gamut

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

%Regularity

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


$$u^* = g75b$$

*LAB*LAB**

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

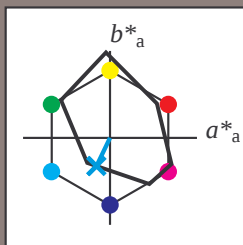
plementary hue text:

$$u^* = 975b$$

Contrast reduction factor:

 $c_D = 0.9$

triangle lightness t^*



FRS15_90M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

LAB*LAB*_{Ma}: 47 -15 -31

LAB*LCH*Ma: 47 36 244

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

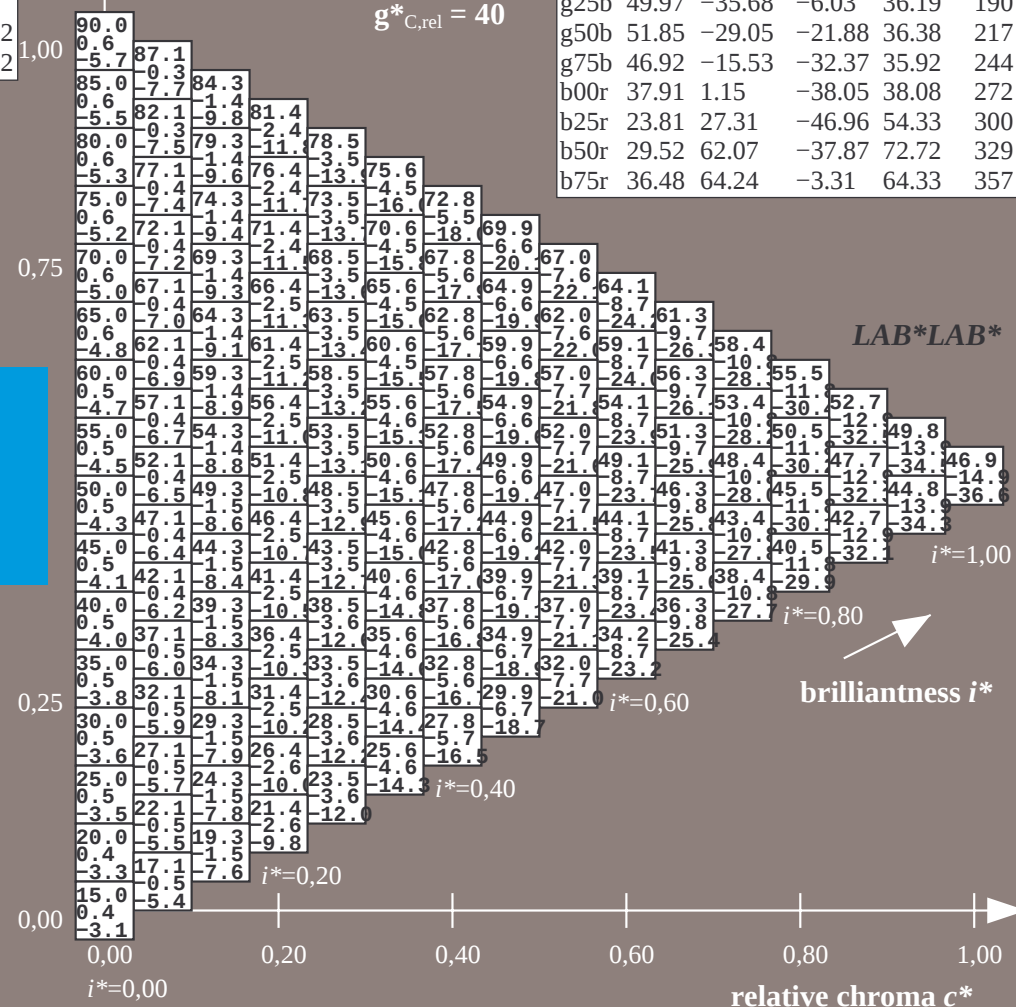
***lab*olv**Ma: 0.0 0.85 1.0**

triangle lightness t^*

%Gamut

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

%Regularity

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


$$u^* = b00r$$

*LAB*LAB**

(a) CIELAB data

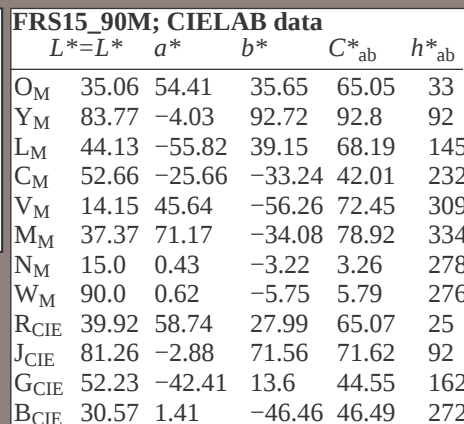
$$C^*_{ab,a} \quad h^*_{ab},$$

12 63.05 25

45	66.19	42
23	68.13	50

33	68.13	59
45	76.87	76

43	70.87	70
56	97.64	92



*LAB*LAB**

(a) CIELAB data

$$C^*_{ab,a} \quad h^*_{ab},$$

12 63.05 25

45	66.19	42
23	68.13	50

33	68.13	59
45	76.87	76

45	70.87	70
56	97.64	92

56	97.64	92
66	79.35	110

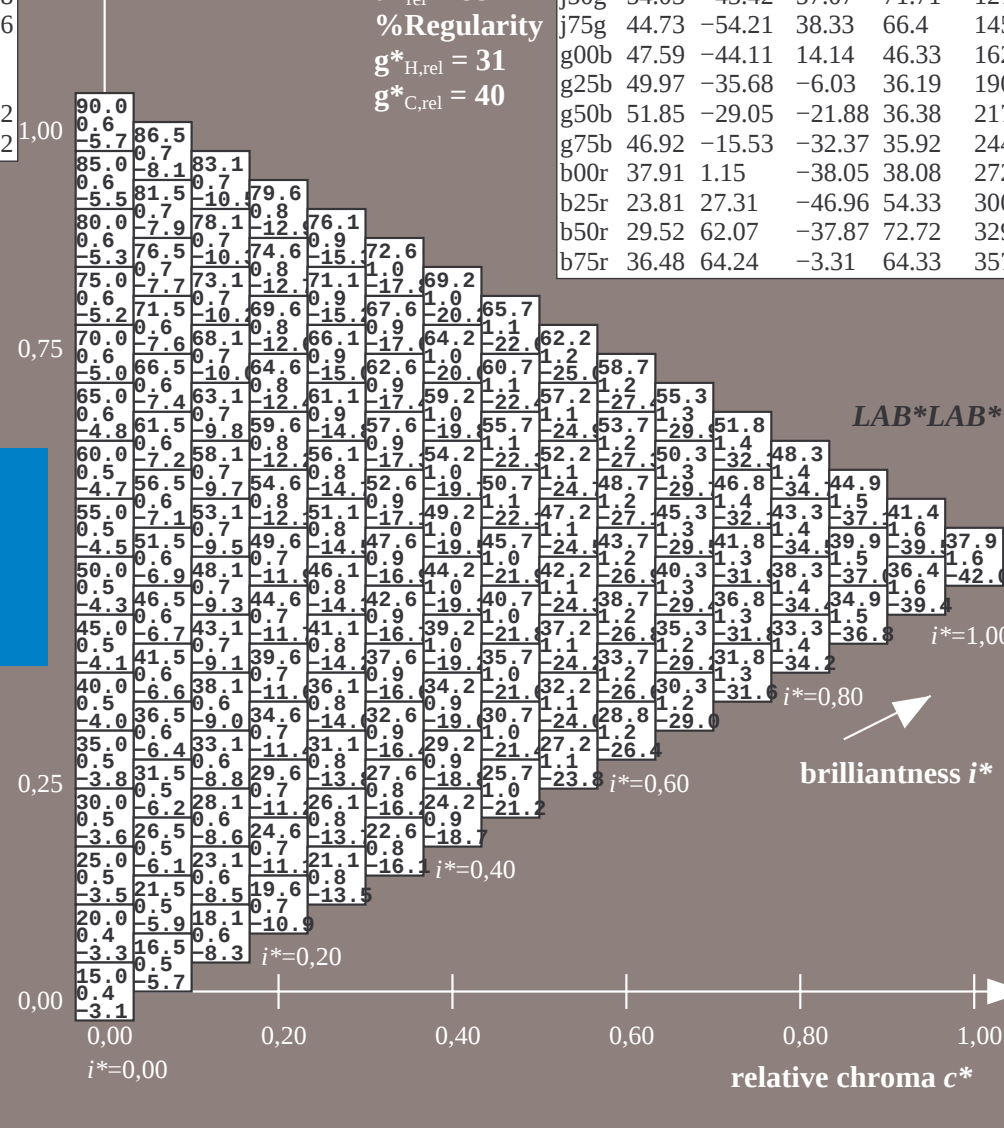
06	75.55	110
07	71.71	127

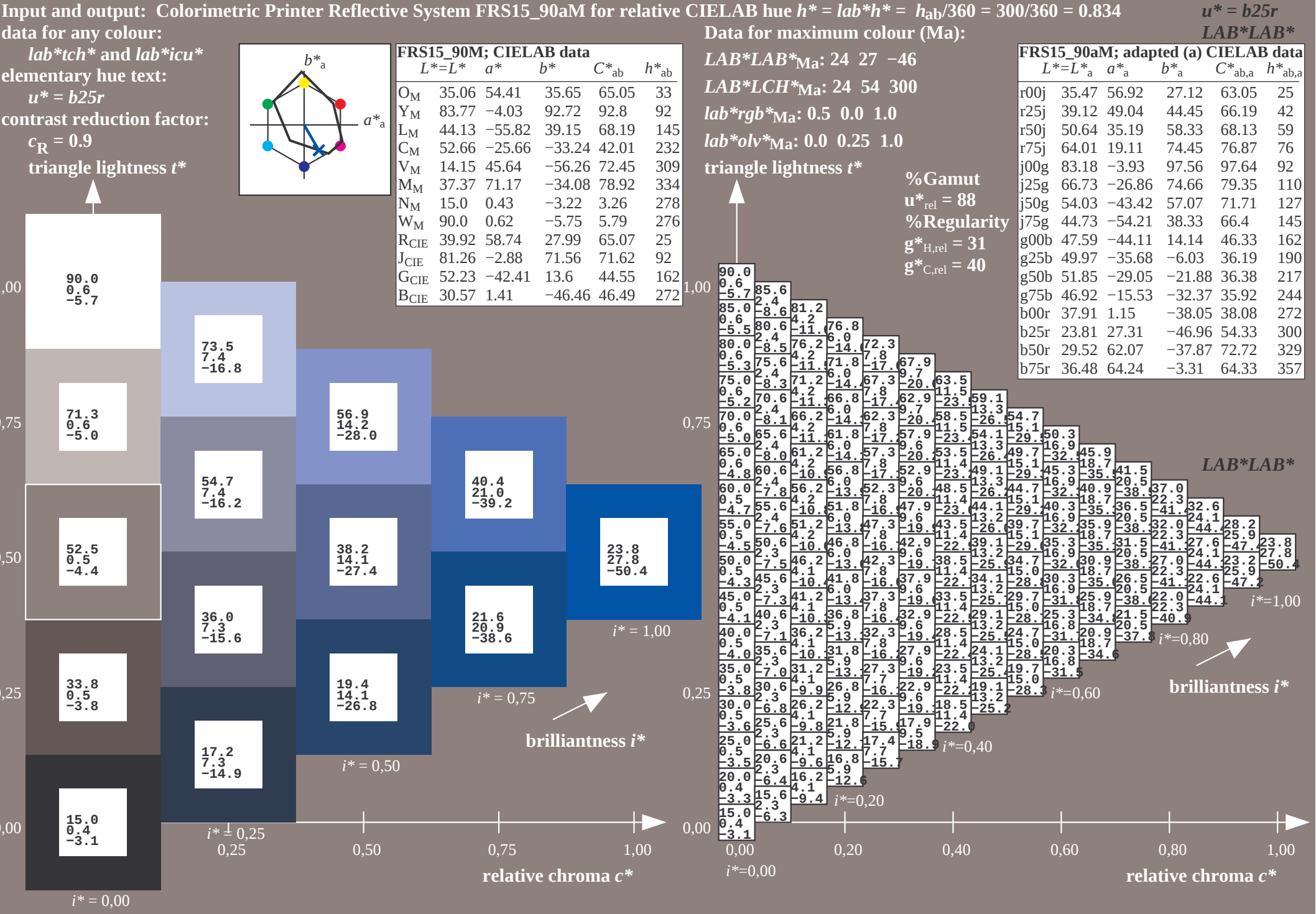
33	66.4	145
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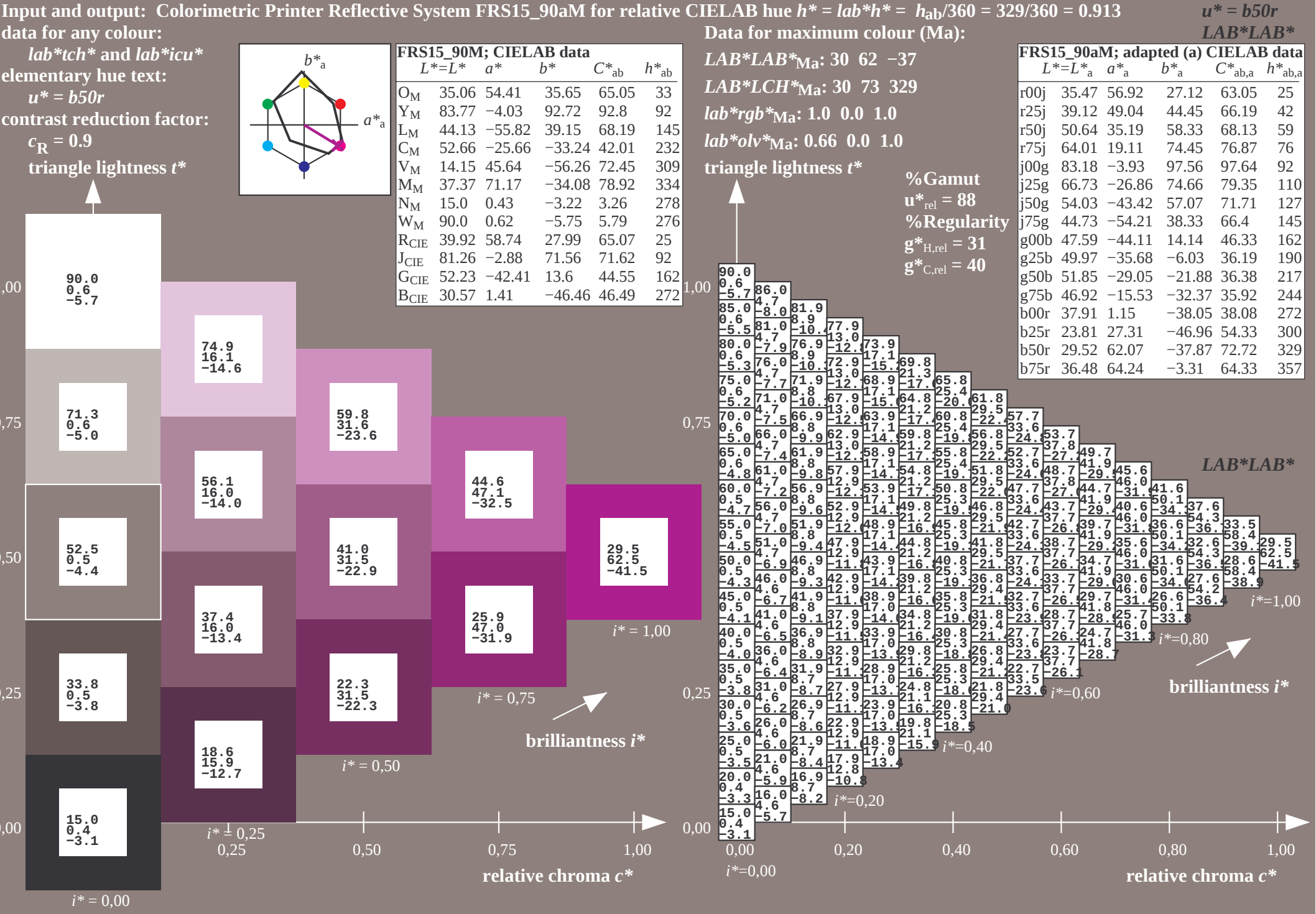
14	46.33	162
----	-------	-----

03	36.19	190
----	-------	-----

1.88 36.38 215







$u^* = b75r$

Data for maximum colour (Ma):

*LAB*LAB**

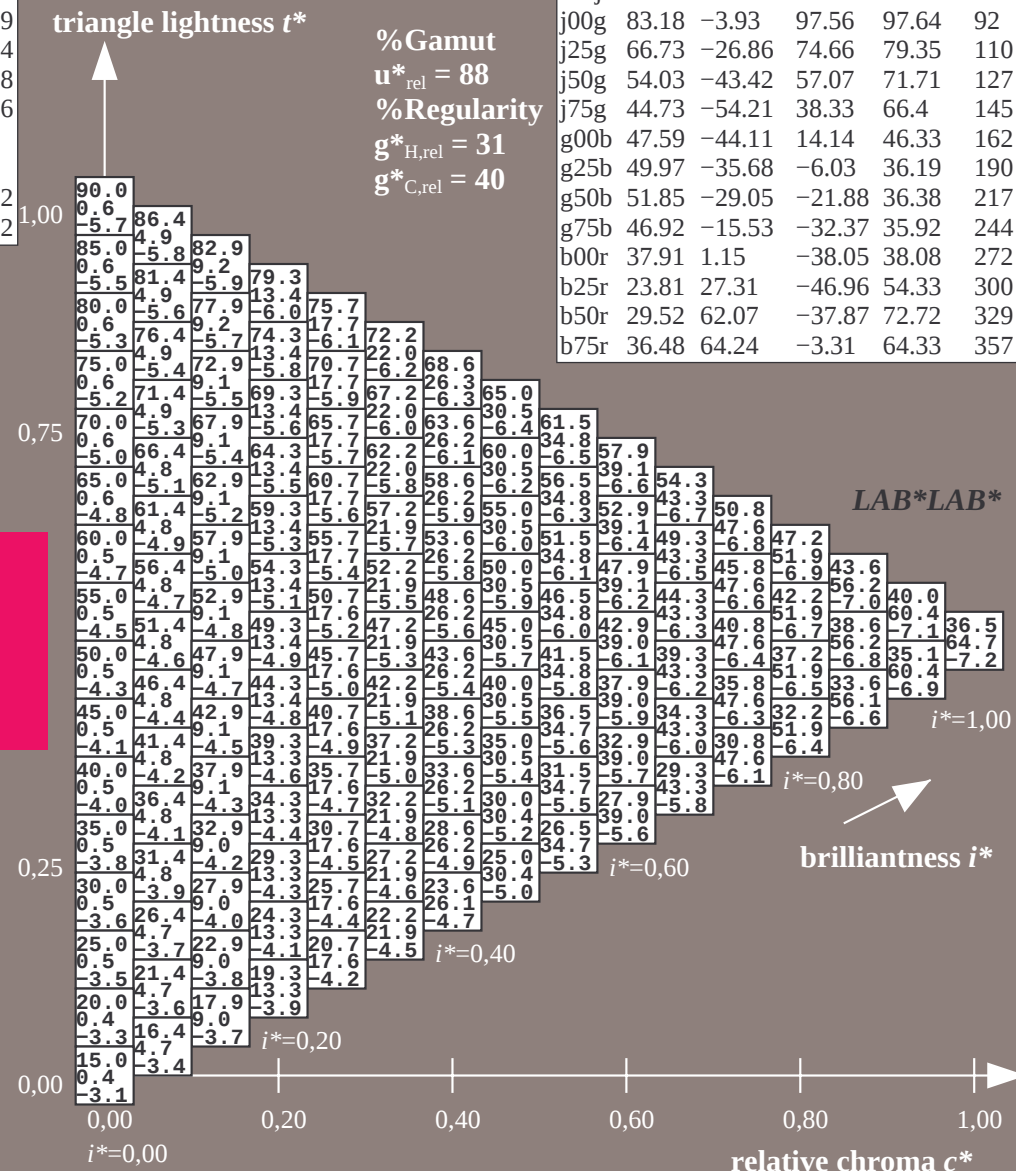
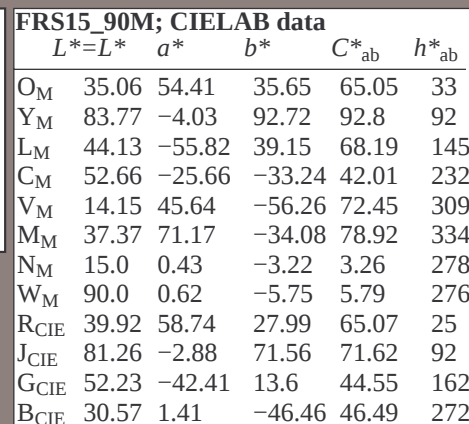
$LAB*LAB*_{Ma}: 36 \ 64 \ -2$

LAB*LCH*Ma: 36 64 357

lab*rqb*_Ma: 1.0 0.0 0.5

lab*olv*Ma: 1.0 0.0 0.62

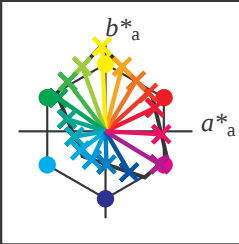
triangle lightness t^*



		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	15.0	18.6	22.3	25.9	29.6	33.2	36.9	40.5	44.1	17.5	23.6	27.2	30.9	34.5	38.2	41.8	45.4	49.1	20.0	26.1	32.2	35.8	39.5	43.1	46.8	50.4	54.0	57.6	61.2	64.8	68.4	72.0	75.6	79.2	82.8	86.4	90.0	93.6	97.2	100.8	104.4	108.0	111.6	115.2	118.8	122.4	126.0	129.6	133.2	136.8	140.4	144.0	147.6	151.2	154.8	158.4	162.0	165.6	169.2	172.8	176.4	180.0	183.6	187.2	190.8	194.4	198.0	201.6	205.2	208.8	212.4	216.0	219.6	223.2	226.8	230.4	234.0	237.6	241.2	244.8	248.4	252.0	255.6	259.2	262.8	266.4	270.0	273.6	277.2	280.8	284.4	288.0	291.6	295.2	298.8	302.4	306.0	309.6	313.2	316.8	320.4	324.0	327.6	331.2	334.8	338.4	342.0	345.6	349.2	352.8	356.4	360.0	363.6	367.2	370.8	374.4	378.0	381.6	385.2	388.8	392.4	396.0	399.6	403.2	406.8	410.4	414.0	417.6	421.2	424.8	428.4	432.0	435.6	439.2	442.8	446.4	450.0	453.6	457.2	460.8	464.4	468.0	471.6	475.2	478.8	482.4	486.0	489.6	493.2	496.8	500.4	504.0	507.6	511.2	514.8	518.4	522.0	525.6	529.2	532.8	536.4	540.0	543.6	547.2	550.8	554.4	558.0	561.6	565.2	568.8	572.4	576.0	579.6	583.2	586.8	590.4	594.0	597.6	601.2	604.8	608.4	612.0	615.6	619.2	622.8	626.4	630.0	633.6	637.2	640.8	644.4	648.0	651.6	655.2	658.8	662.4	666.0	669.6	673.2	676.8	680.4	684.0	687.6	691.2	694.8	698.4	702.0	705.6	709.2	712.8	716.4	720.0	723.6	727.2	730.8	734.4	738.0	741.6	745.2	748.8	752.4	756.0	759.6	763.2	766.8	770.4	774.0	777.6	781.2	784.8	788.4	792.0	795.6	799.2	802.8	806.4	810.0	813.6	817.2	820.8	824.4	828.0	831.6	835.2	838.8	842.4	846.0	849.6	853.2	856.8	860.4	864.0	867.6	871.2	874.8	878.4	882.0	885.6	889.2	892.8	896.4	900.0	903.6	907.2	910.8	914.4	918.0	921.6	925.2	928.8	932.4	936.0	939.6	943.2	946.8	950.4	954.0	957.6	961.2	964.8	968.4	972.0	975.6	979.2	982.8	986.4	990.0	993.6	997.2	1000.8	1004.4	1008.0	1011.6	1015.2	1018.8	1022.4	1026.0	1029.6	1033.2	1036.8	1040.4	1044.0	1047.6	1051.2	1054.8	1058.4	1062.0	1065.6	1069.2	1072.8	1076.4	1080.0	1083.6	1087.2	1090.8	1094.4	1098.0	1101.6	1105.2	1108.8	1112.4	1116.0	1119.6	1123.2	1126.8	1130.4	1134.0	1137.6	1141.2	1144.8	1148.4	1152.0	1155.6	1159.2	1162.8	1166.4	1170.0	1173.6	1177.2	1180.8	1184.4	1188.0	1191.6	1195.2	1198.8	1202.4	1206.0	1209.6	1213.2	1216.8	1220.4	1224.0	1227.6	1231.2	1234.8	1238.4	1242.0	1245.6	1249.2	1252.8	1256.4	1260.0	1263.6	1267.2	1270.8	1274.4	1278.0	1281.6	1285.2	1288.8	1292.4	1296.0	1299.6	1303.2	1306.8	1310.4	1314.0	1317.6	1321.2	1324.8	1328.4	1332.0	1335.6	1339.2	1342.8	1346.4	1350.0	1353.6	1357.2	1360.8	1364.4	1368.0	1371.6	1375.2	1378.8	1382.4	1386.0	1389.6	1393.2	1396.8	1400.4	1404.0	1407.6	1411.2	1414.8	1418.4	1422.0	1425.6	1429.2	1432.8	1436.4	1440.0	1443.6	1447.2	1450.8	1454.4	1458.0	1461.6	1465.2	1468.8	1472.4	1476.0	1479.6	1483.2	1486.8	1490.4	1494.0	1497.6	1501.2	1504.8	1508.4	1512.0	1515.6	1519.2	1522.8	1526.4	1530.0	1533.6	1537.2	1540.8	1544.4	1548.0	1551.6	1555.2	1558.8	1562.4	1566.0	1569.6	1573.2	1576.8	1580.4	1584.0	1587.6	1591.2	1594.8	1598.4	1602.0	1605.6	1609.2	1612.8	1616.4	1620.0	1623.6	1627.2	1630.8	1634.4	1638.0	1641.6	1645.2	1648.8	1652.4	1656.0	1659.6	1663.2	1666.8	1670.4	1674.0	1677.6	1681.2	1684.8	1688.4	1692.0	1695.6	1699.2	1702.8	1706.4	1710.0	1713.6	1717.2	1720.8	1724.4	1728.0	1731.6	1735.2	1738.8	1742.4	1746.0	1749.6	1753.2	1756.8	1760.4	1764.0	1767.6	1771.2	1774.8	1778.4	1782.0	1785.6	1789.2	1792.8	1796.4	1800.0	1803.6	1807.2	1810.8	1814.4	1818.0	1821.6	1825.2	1828.8	1832.4	1836.0	1839.6	1843.2	1846.8	1850.4	1854.0	1857.6	1861.2	1864.8	1868.4	1872.0	1875.6	1879.2	1882.8	1886.4	1890.0	1893.6	1897.2	1900.8	1904.4	1908.0	1911.6	1915.2	1918.8	1922.4	1926.0	1929.6	1933.2	1936.8	1940.4	1944.0	1947.6	1951.2	1954.8	1958.4	1962.0	1965.6	1969.2	1972.8	1976.4	1980.0	1983.6	1987.2	1990.8	1994.4	1998.0	2001.6	2005.2	2008.8	2012.4	2016.0	2019.6	2023.2	2026.8	2030.4	2034.0	2037.6	2041.2	2044.8	2048.4	2052.0	2055.6	2059.2	2062.8	2066.4	2070.0	2073.6	2077.2	2080.8	2084.4	2088.0	2091.6	2095.2	2098.8	2102.4	2106.0	2109.6	2113.2	2116.8	2120.4	2124.0	2127.6	2131.2	2134.8	2138.4	2142.0	2145.6	2149.2	2152.8	2156.4	2160.0	2163.6	2167.2	2170.8	2174.4	2178.0	2181.6	2185.2	2188.8	2192.4	2196.0	2199.6	2203.2	2206.8	2210.4	2214.0	2217.6	2221.2	2224.8	2228.4	2232.0	2235.6	2239.2	2242.8	2246.4	2250.0	2253.6	2257.2	2260.8	2264.4	2268.0	2271.6	2275.2	2278.8	2282.4	2286.0	2289.6	2293.2	2296.8	2300.4	2304.0	2307.6	2311.2	2314.8	2318.4	2322.0	2325.6	2329.2	2332.8	2336.4	2340.0	2343.6	2347.2	2350.8	2354.4	2358.0	2361.6	2365.2	2368.8	2372.4	2376.0	2379.6	2383.2	2386.8	2390.4	2394.0	2397.6	2401.2	2404.8	2408.4	2412.0	2415.6	2419.2	2422.8	2426.4	2430.0	2433.6	2437.2	2440.8	2444.4	2448.0	2451.6	2455.2	2458.8	2462.4	2466.0	2469.6	2473.2	2476.8	2480.4	2484.0	2487.6	2491.2	2494.8	2498.4	2502.0	2505.6	2509.2	2512.8	2516.4	2520.0	2523.6	2527.2	2530.8	2534.4	2538.0	2541.6	2545.2	2548.8	2552.4	2556.0	2559.6	2563.2	2566.8	2570.4	2574.0	2577.6	2581.2	2584.8	2588.4	2592.0	2595.6	2599.2	2602.8	2606.4	2610.0	2613.6	2617.2	2620.8	2624.4	2628.0	2631.6	2635.2	2638.8	2642.4	2646.0	2649.6	2653.2	2656.8	2660.4	2664.0	2667.6	2671.2	2674.8	2678.4	2682.0	2685.6	2689.2	2692.8	2696.4	2700.0	2703.6	2707.2	2710.8	2714.4	2718.0	2721.6	2725.2	2728.8	2732.4	2736.0	2739.6	2743.2	2746.8	2750.4	2754.0	2757.6	2761.2	2764.8	2768.4	2772.0	2775.6	2779.2	2782.8	2786.4	2790.0	2793.6	2797.2	2800.8	2804.4	2808.0	2811.6	2815.2	2818.8	2822.4	2826.0	2829.6	2833.2	2836.8	2840.4	2844.0	2847.6	2851.2	2854.8	2858.4	2862.0	2865.6	2869.2	2872.8	2876.4	2880.0	2883.6	2887.2	2890.8	2894.4	2898.0	2901.6	2905.2	2908.8	2912.4	2916.0	2919.6	2923.2	2926.8	2930.4	2934.0	2937.6	2941.2	2944.8	2948.4	2952.0	2955.6	2959.2	2962.8	2966.4	2970.0	2973.6	2977.2	2980.8	2984.4	2988.0	2991.6	2995.2	2998.8	3002.4	3006.0	3009.6	3013.2	3016.8	3020.4	3024.0	3027.6	3031.2	3034.8	3038.4	3042.0	3045.6	3049.2	3052.8	3056.4	3060.0	3063.6	3067.2	3070.8	3074.4	3078.0	3081.6	3085.2	3088.8	3092.4	3096.0	3099.6	3103.2	3106.8	3110.4	3114.0	3117.6	3121.2	3124.8	3128.4	3132.0	3135.6	3139.2	3142.8	3146.4	3150.0	3153.6	3157.2	3160.8	3164.4	3168.0	3171.6	3175.2	3178.8	3182.4	3186.0	3189.6	3193.2	3196.8	3200.4	3204.0	3207.6	3211.2	3214.8	3218.4	3222.0	3225.6	3229.2	3232.8	3236.4	3240.0	3243.6	3247.2	3250.8	3254.4	3258.0	3261.6	3265.2	3268.8	3272.4	3276.0	3279.6	3283.2	3286.8	3290.4	3294.0	3297.6	3301.2	3304.8	3308.4	3312.0	3315.6	3319.2	3322.8	3326.4	3330.0	3333.6	3337.2	3340.8	3344.4	3348.0	3351.6	3355.2	3358.8	3362.4	3366.0	3369.6	3373.2	3376.8	3380.4	3384.0	3387.6	3391.2	3394.8	3398.4	3402.0	3405.6	3409.2	3412.8	3416.4	3420.0	3423.6	3427.2	3430.8	3434.4	3438.0	3441.6	3445.2	3448.8	3452.4	3456.0	3459.6	3463.2	3466.8	3470.4	3474.0	3477.6	3481.2	3484.8	3488.4	3492.0	3495.6	3499.2	3502.8	3506.4	3510.0	3513.6	3517.2	3520.8	3524.4	3528.0	3531.6	3535.2	3538.8	3542.4	3546.0	3549.6	3553.2	3556.8	3560.4	3564.0	3567.6	3571.2	3574.8	3578.4	3582.0	3585.6	3589.2	3592.8	3596.4	3600.0	3603.6	3607.2	3610.8	3614.4	3618.0	3621.6	3625.2	3628.8	3632.4	3636.0	3639.6	3643.2	3646.8	3650.4	3654.0	3657.6	3661.2	3664.8	3668.4	3672.0	3675.6	3679.2	3682.8	3686.4	3690.0	3693.6	3697.2	3700.8	3704.4	3708.0	3711.6	3715.2	3718.8	3722.4	3726.0	3729.6	3733.2	3736.8	3740.4	3744.0	3747.6	3751.2	3754.8	3758.4	3762.0	3765.6	3769.2	3772.8	3776.4	3780.0	3783.6	3787.2	3790.8	3794.4	3798.0	3801.6	3805.2	3808.8	3812.4	3816.0	3819.6	3823.2	3826.8	3830.4	3834.0	3837.6	3841.2	3844.8	3848.4	3852.0	3855.6	3859.2	3862.8	3866.4	3870.0	3873.6	3877.2	3880.8	3884.4	3888.0	3891.6	3895.2	3898.8	3902.4	3906.0	3909.6	3913.2	3916.8	3920.4	3924.0	3927.6	3931.2	3934.8	3938.4	3942.0	3945.6	3949.2	3952.8	3956.4	3960.0	3963.6	3967.2	3970.8	3974.4	3978.0	3981.6	3985.2	3988.8	3992.4	3996.0	4000.0	4003.6	4007.2	4010.8	4014.4	4018.0	4021.6	4025.2	

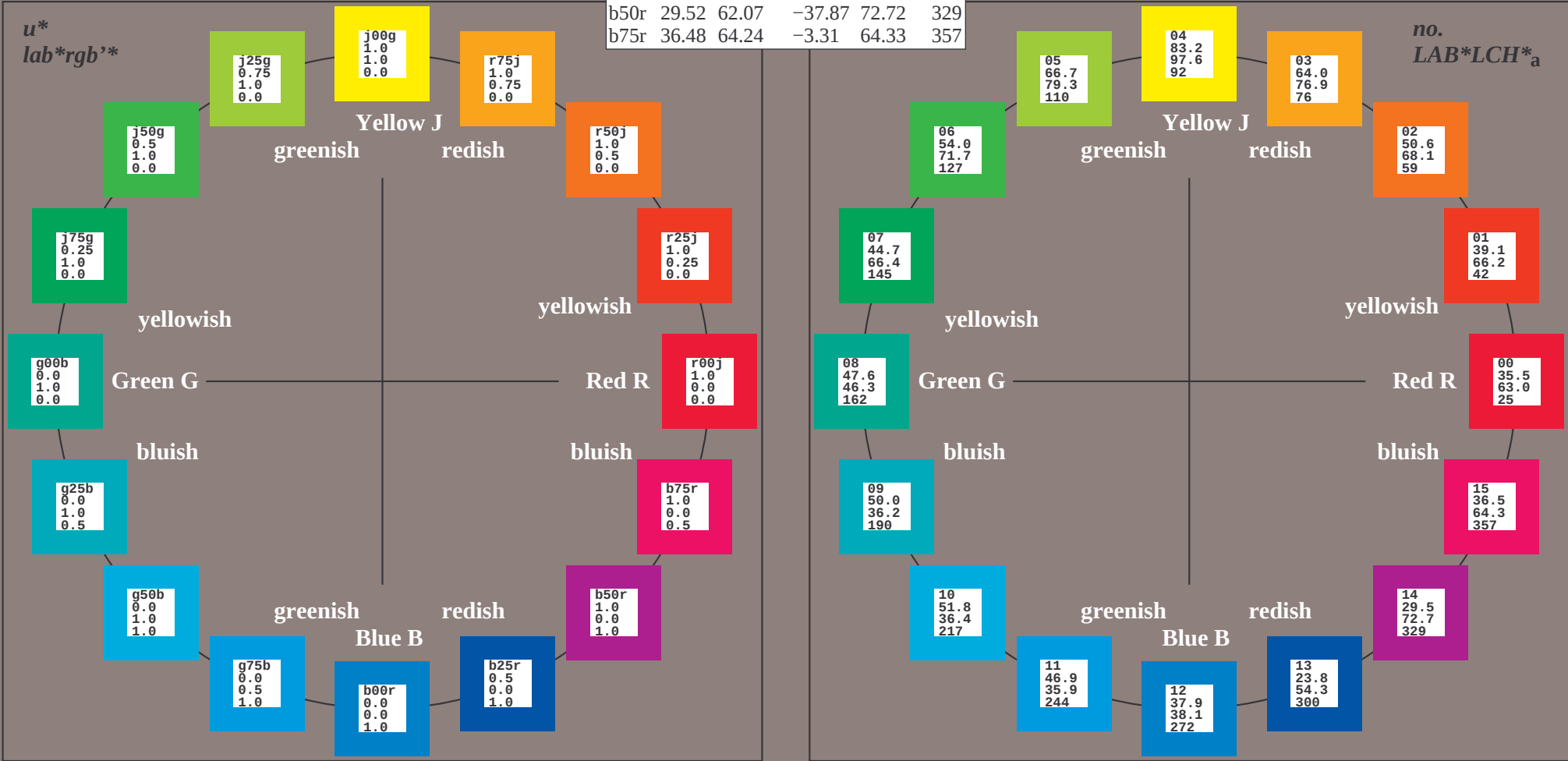
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
c_R = 0.9

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



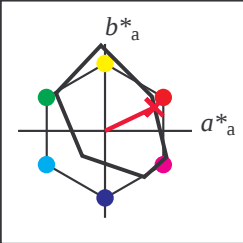
% Gamut
 $u^*_{rel} = 88$
% Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r00j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 35\ 57\ 27$

$LAB^*LCH^*_Ma: 35\ 63\ 25$

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

$lab^*olv^*_Ma: 1.0\ 0.0\ 0.18$

triangle lightness t^*

%Gamut

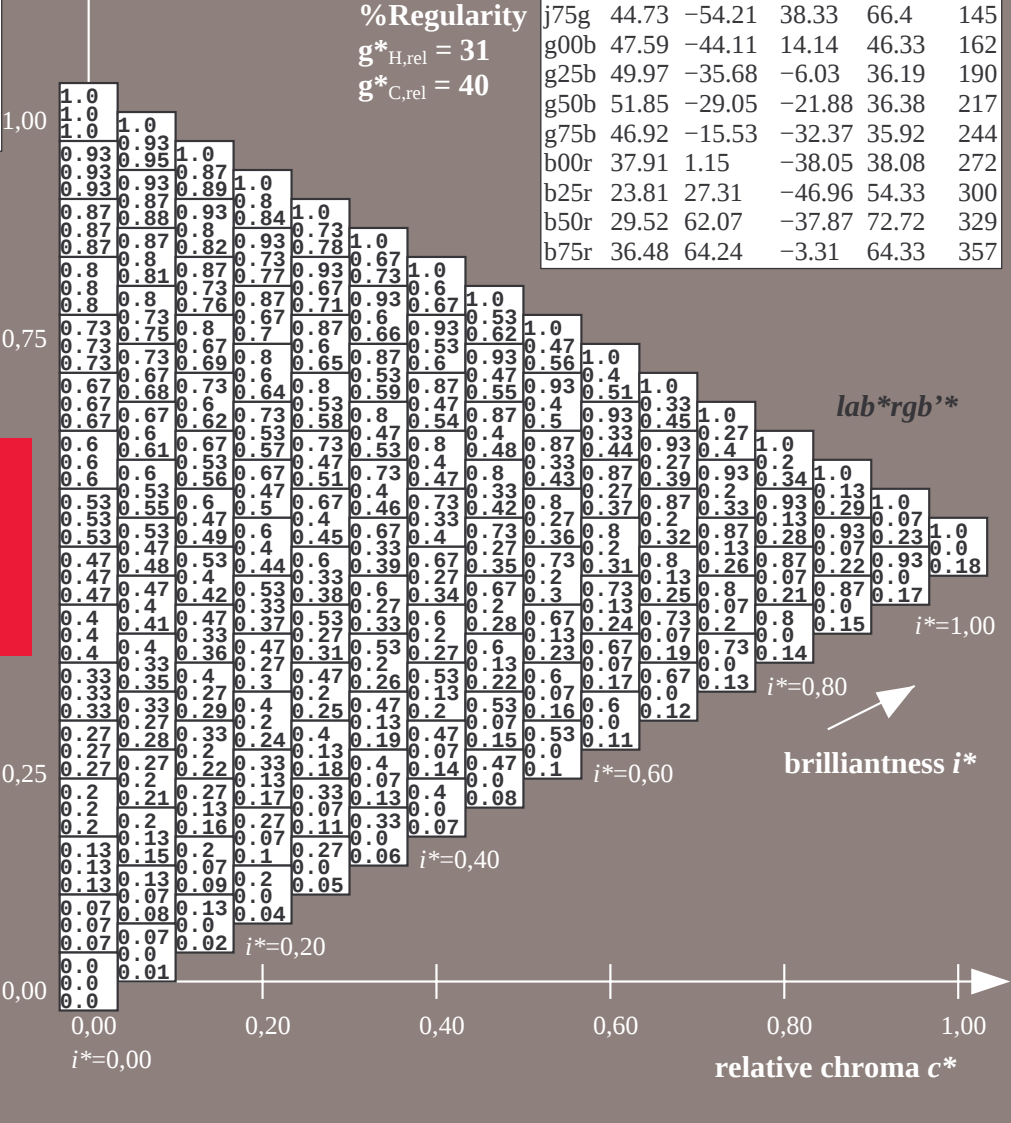
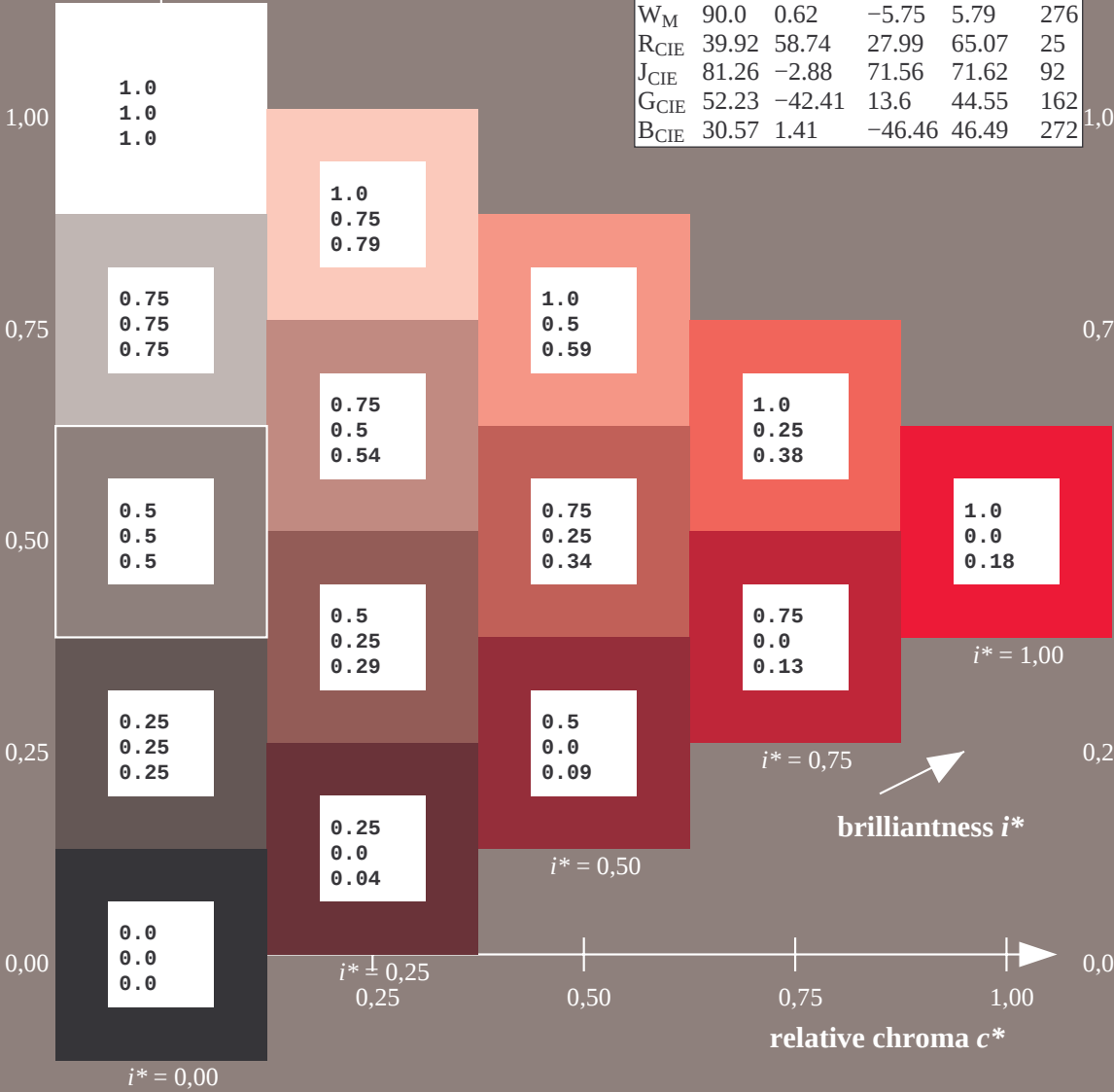
$u^*_{rel} = 88$

%Regularity

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

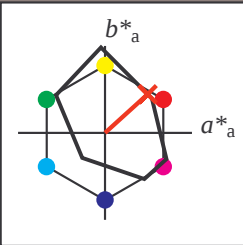
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r25j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 39\ 49\ 44$

$LAB^*LCH^*_Ma: 39\ 66\ 42$

$lab^*rgb^*_Ma: 1.0\ 0.25\ 0.0$

$lab^*olv^*_Ma: 1.0\ 0.08\ 0.0$

triangle lightness t^*

%Gamut

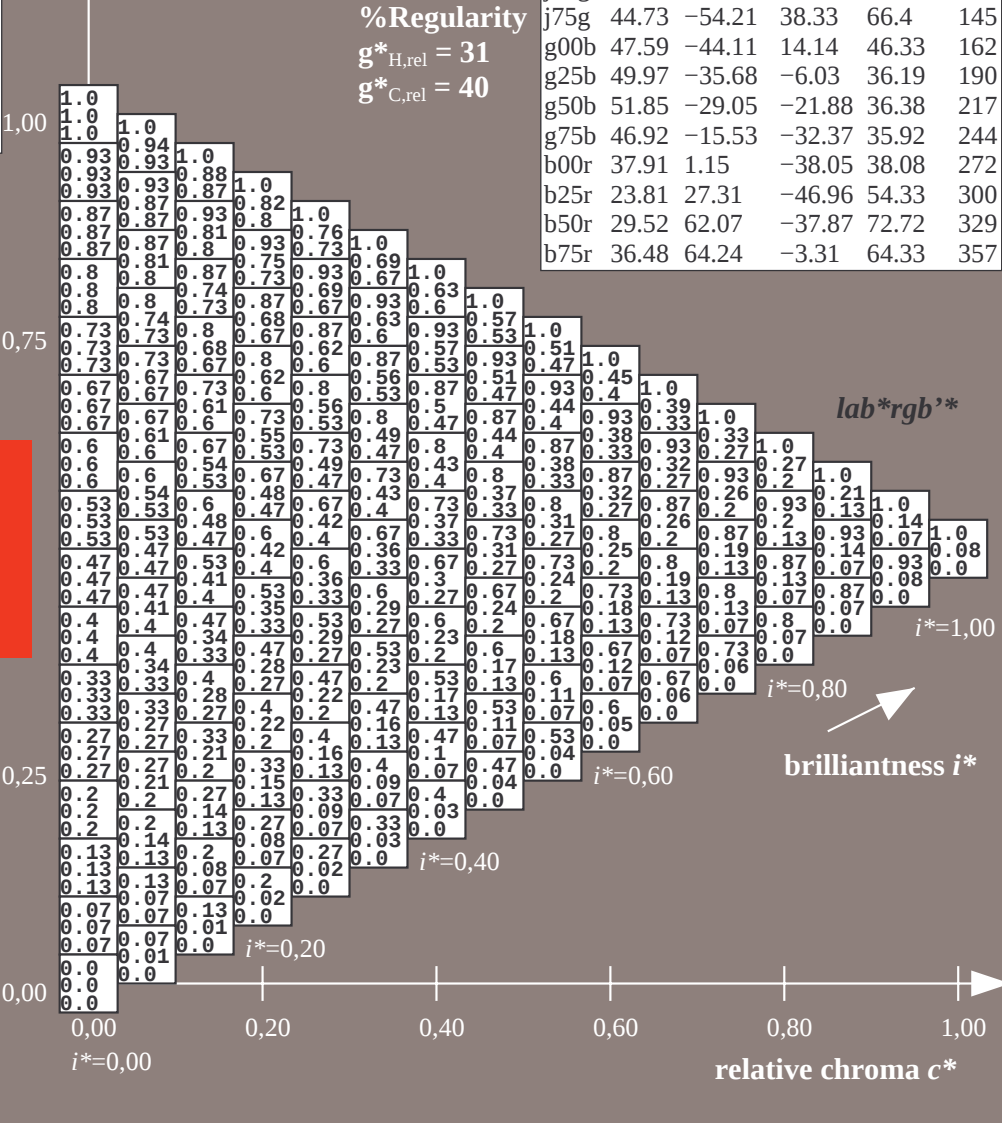
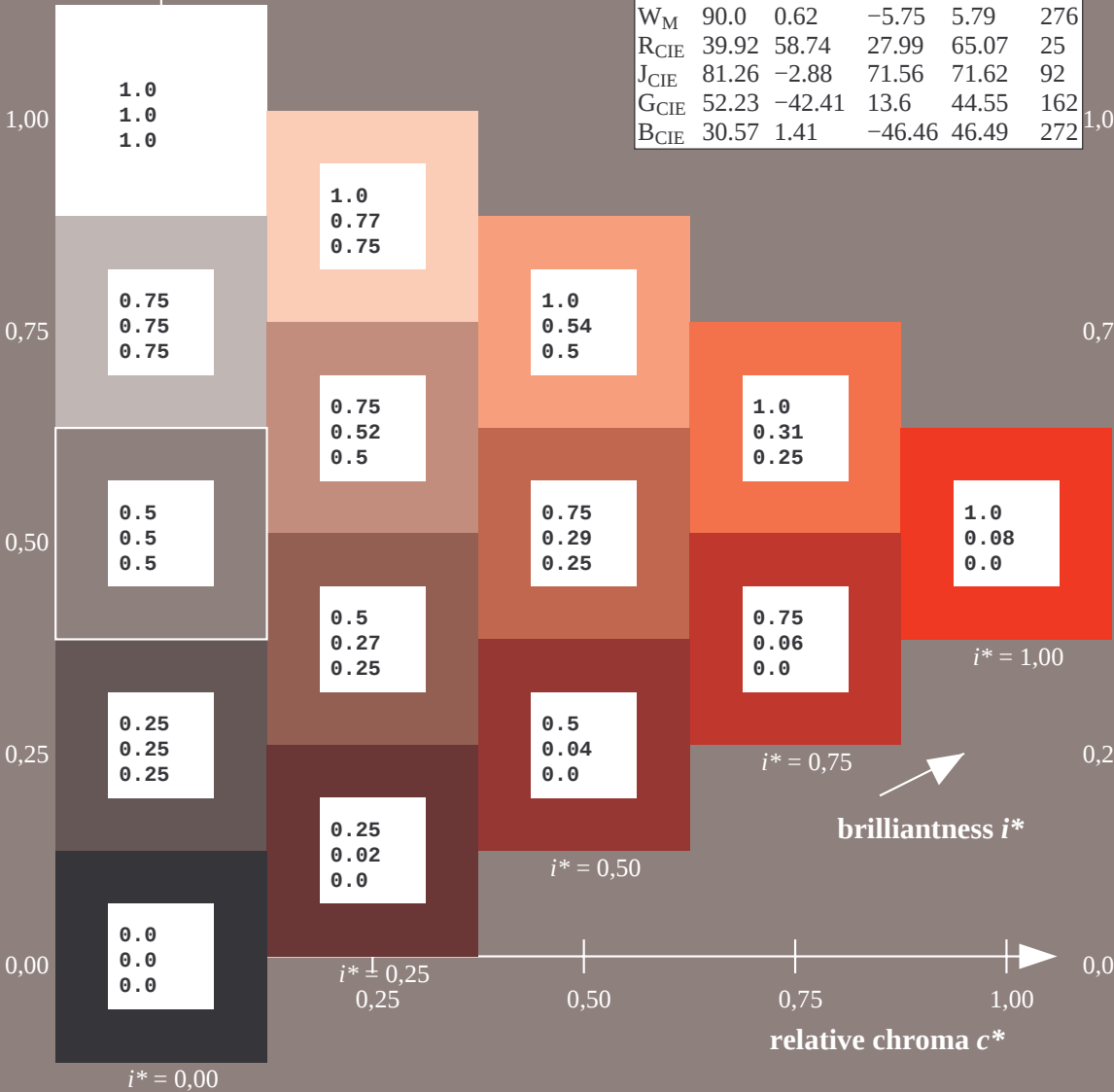
$u^*_{rel} = 88$

%Regularity

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

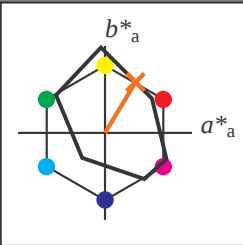
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r50j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 51\ 35\ 58$

$LAB^*LCH^*_Ma: 51\ 68\ 59$

$lab^*rgb^*_Ma: 1.0\ 0.5\ 0.0$

$lab^*olv^*_Ma: 1.0\ 0.32\ 0.0$

triangle lightness t^*

%Gamut

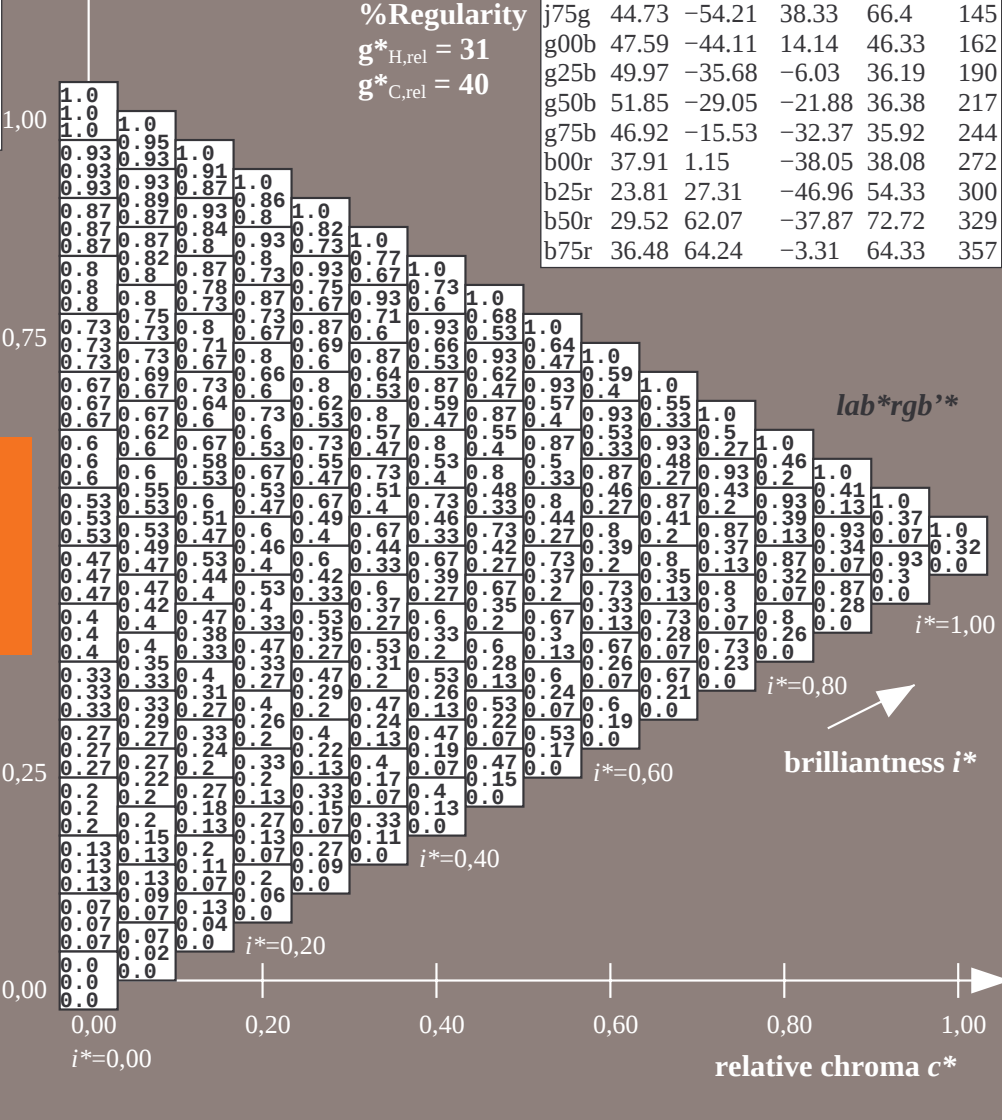
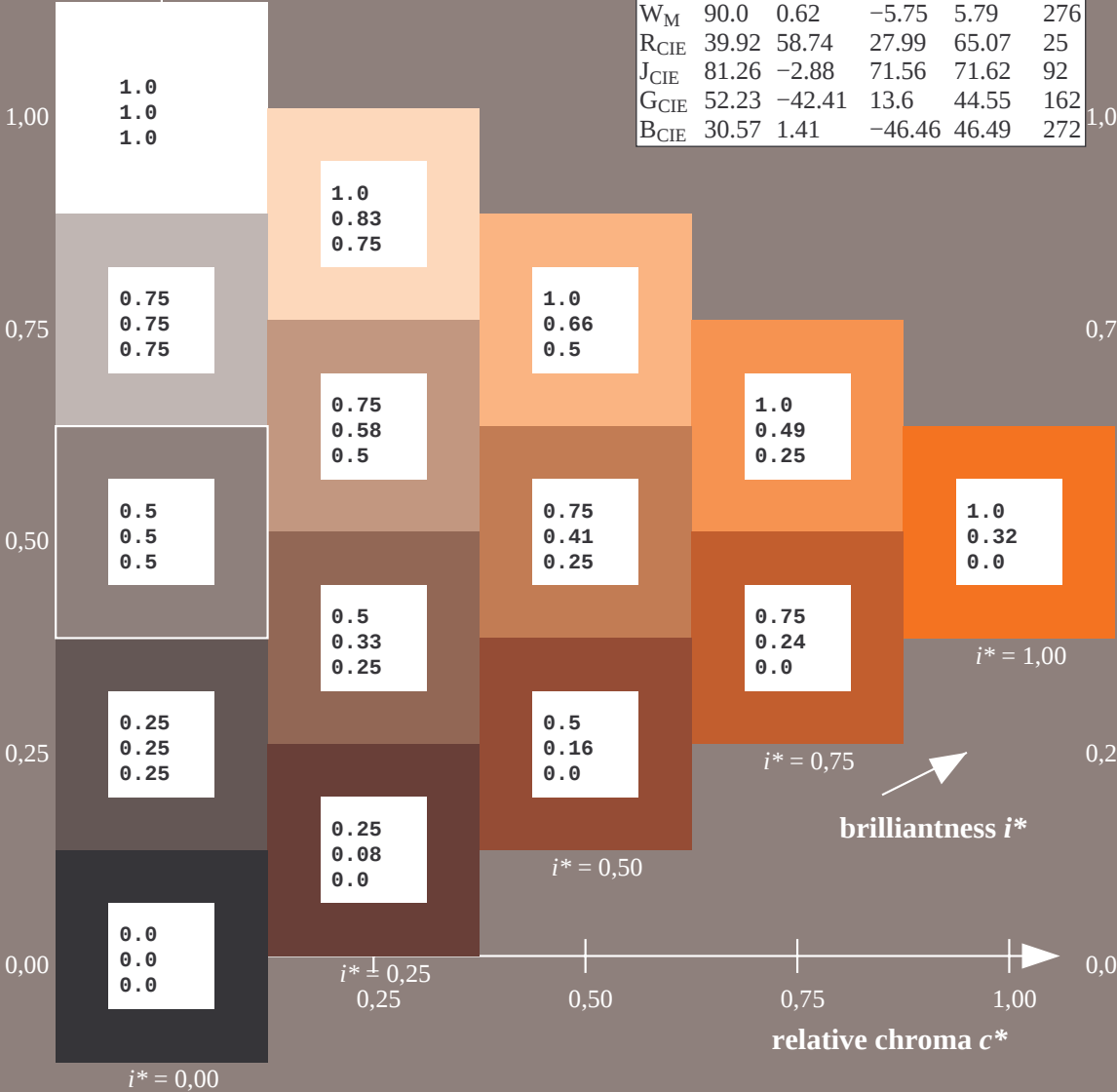
$u^*_{rel} = 88$

%Regularity

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

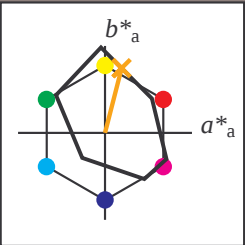
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r75j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 64\ 19\ 74$

$LAB^*LCH^*_Ma: 64\ 77\ 76$

$lab^*rgb^*_Ma: 1.0\ 0.75\ 0.0$

$lab^*olv^*_Ma: 1.0\ 0.59\ 0.0$

triangle lightness t^*

%Gamut

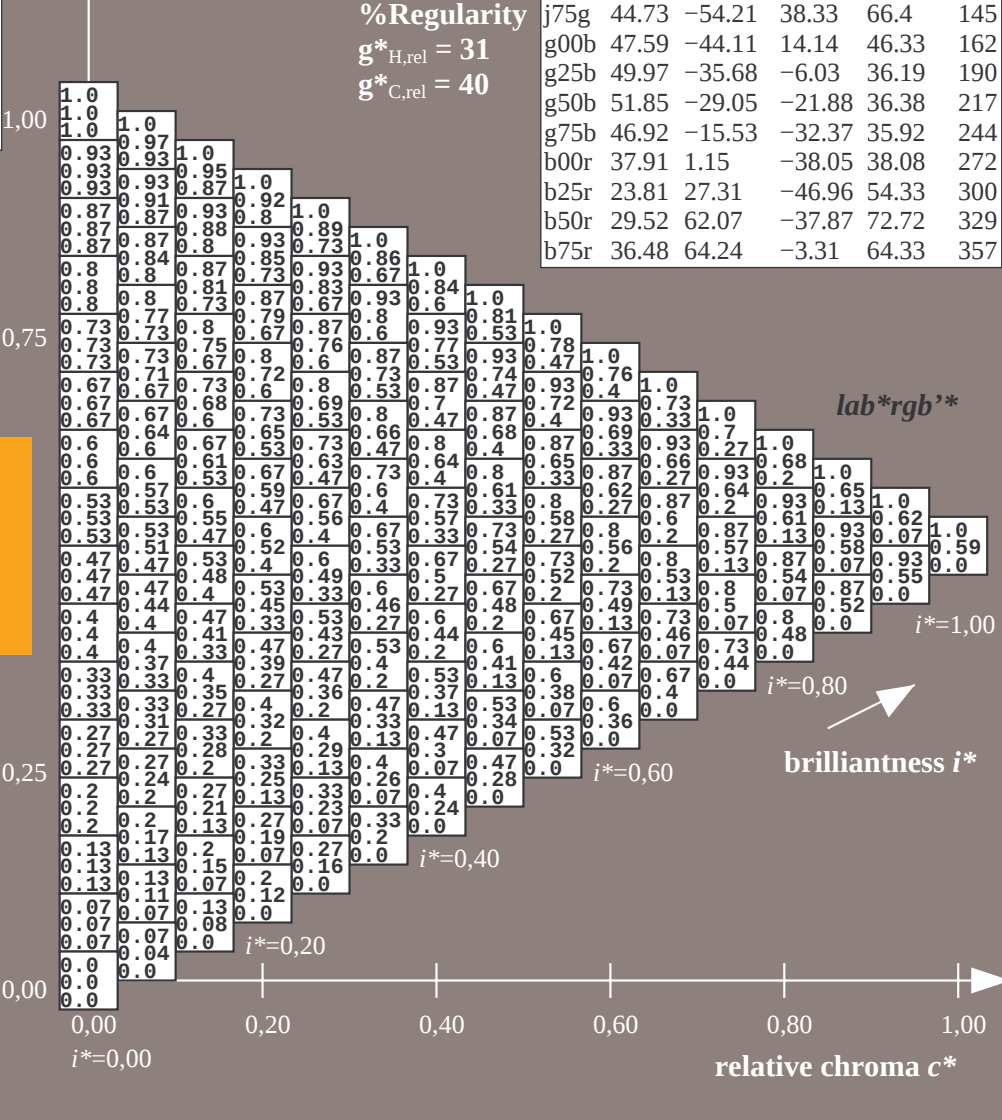
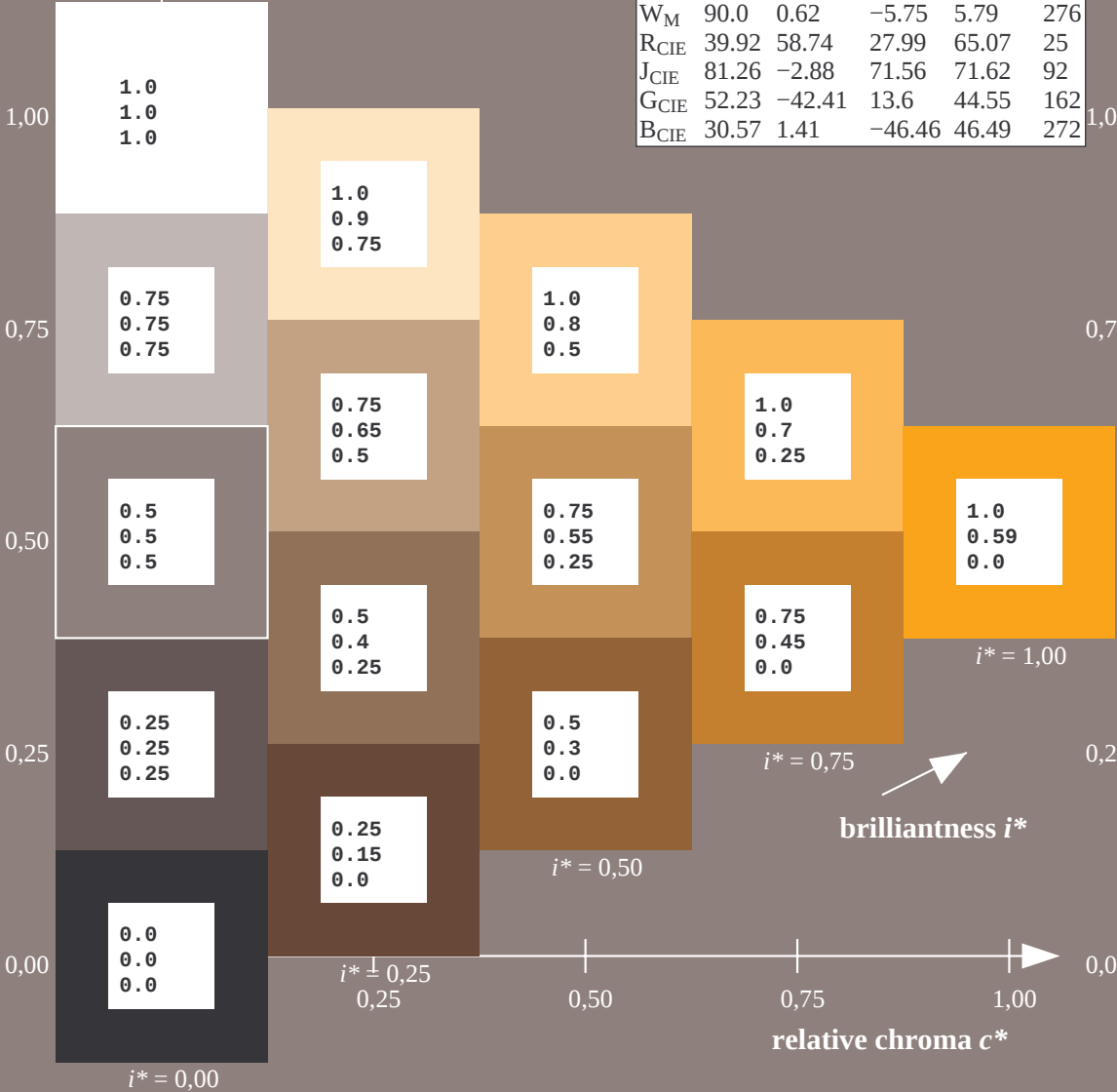
$u^*_{rel} = 88$

%Regularity

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

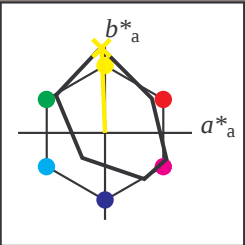
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j00g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 83 -3 98$

$LAB^*LCH^*_Ma: 83 98 92$

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

$lab^*olv^*_Ma: 1.0 0.99 0.0$

triangle lightness t^*

%Gamut

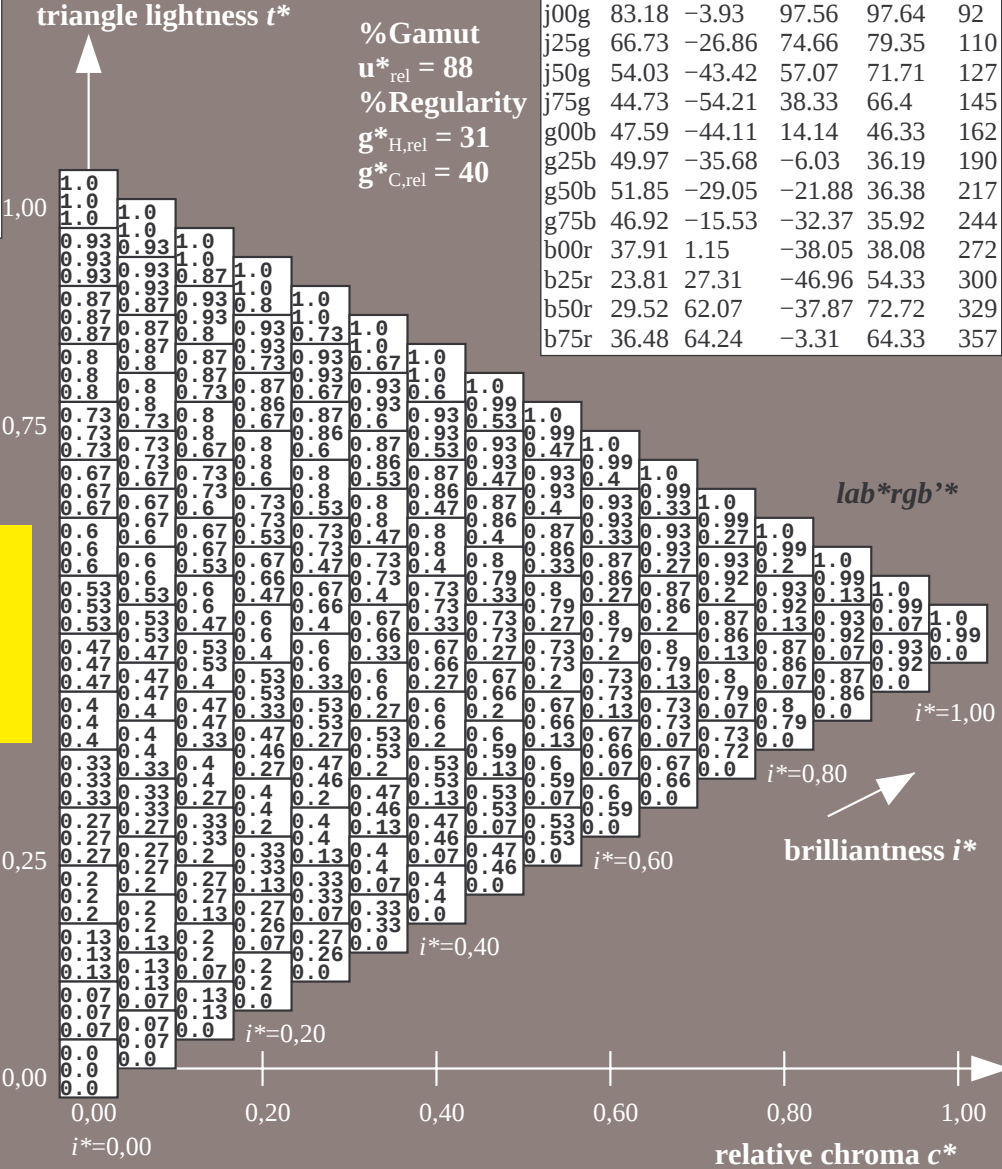
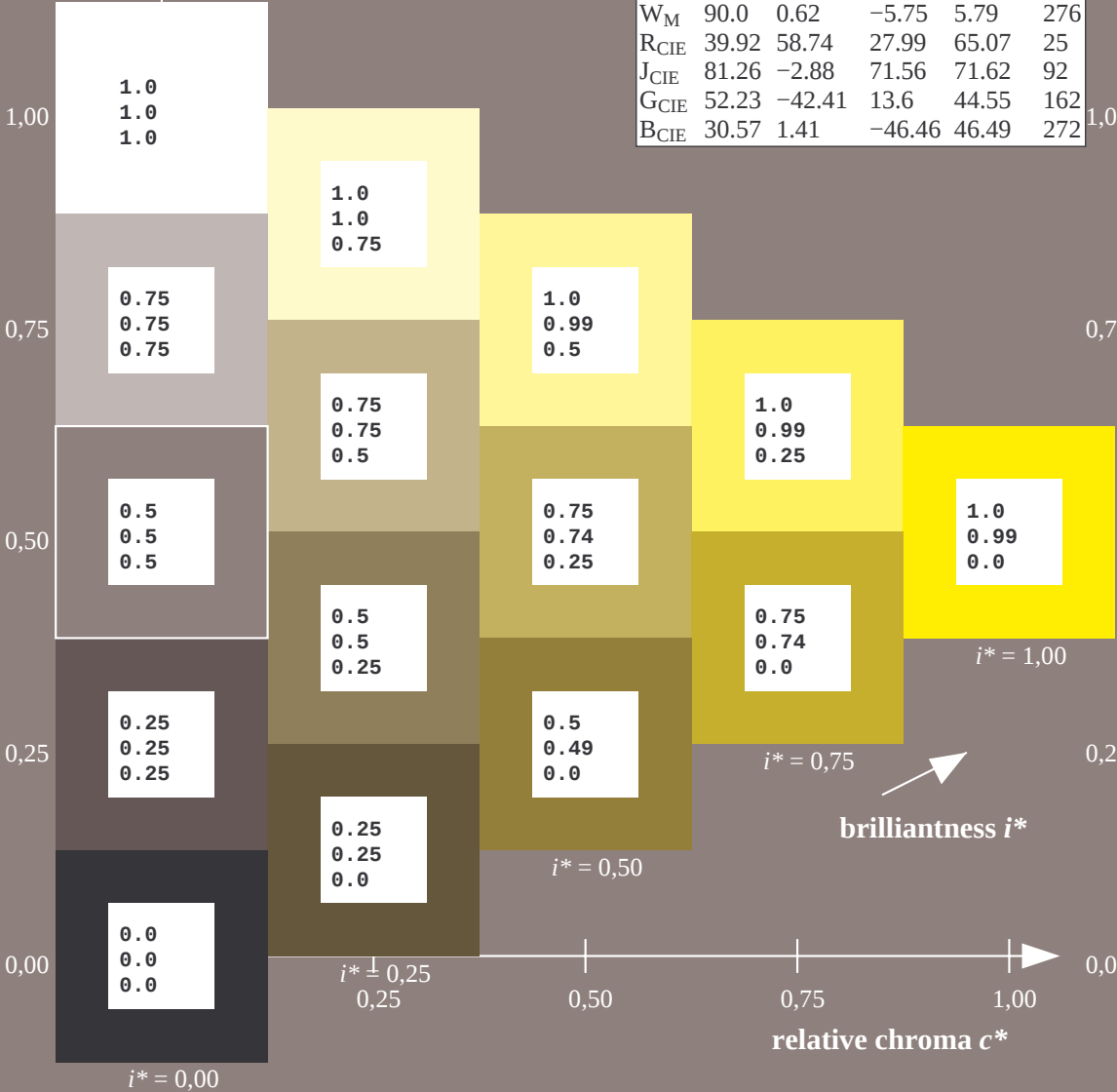
$u^*_{rel} = 88$

%Regularity

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

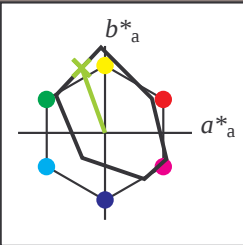
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j25g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 67 -26 75$

$LAB^*LCH^*_Ma: 67 79 110$

$lab^*rgb^*_Ma: 0.75 1.0 0.0$

$lab^*olv^*_Ma: 0.57 1.0 0.0$

triangle lightness t^*

%Gamut

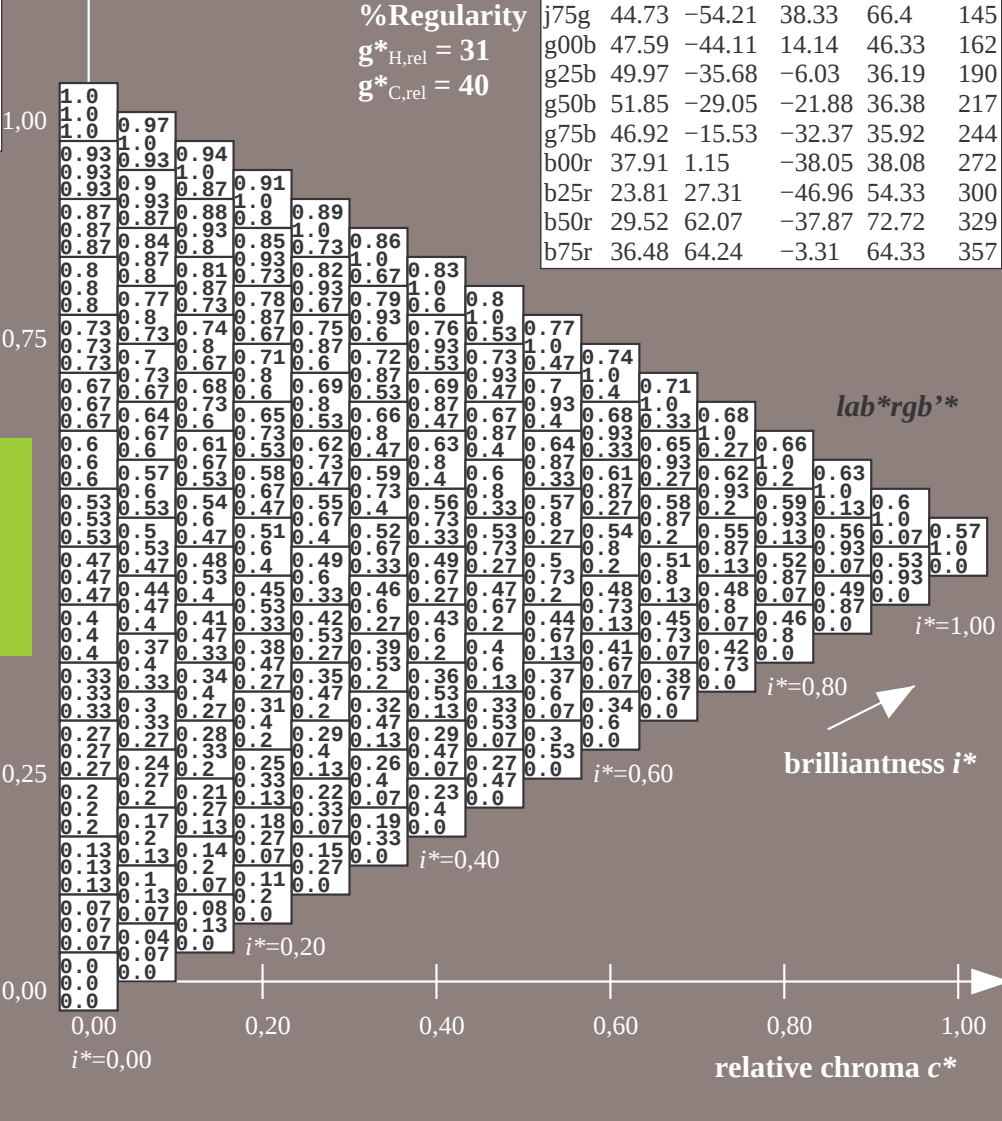
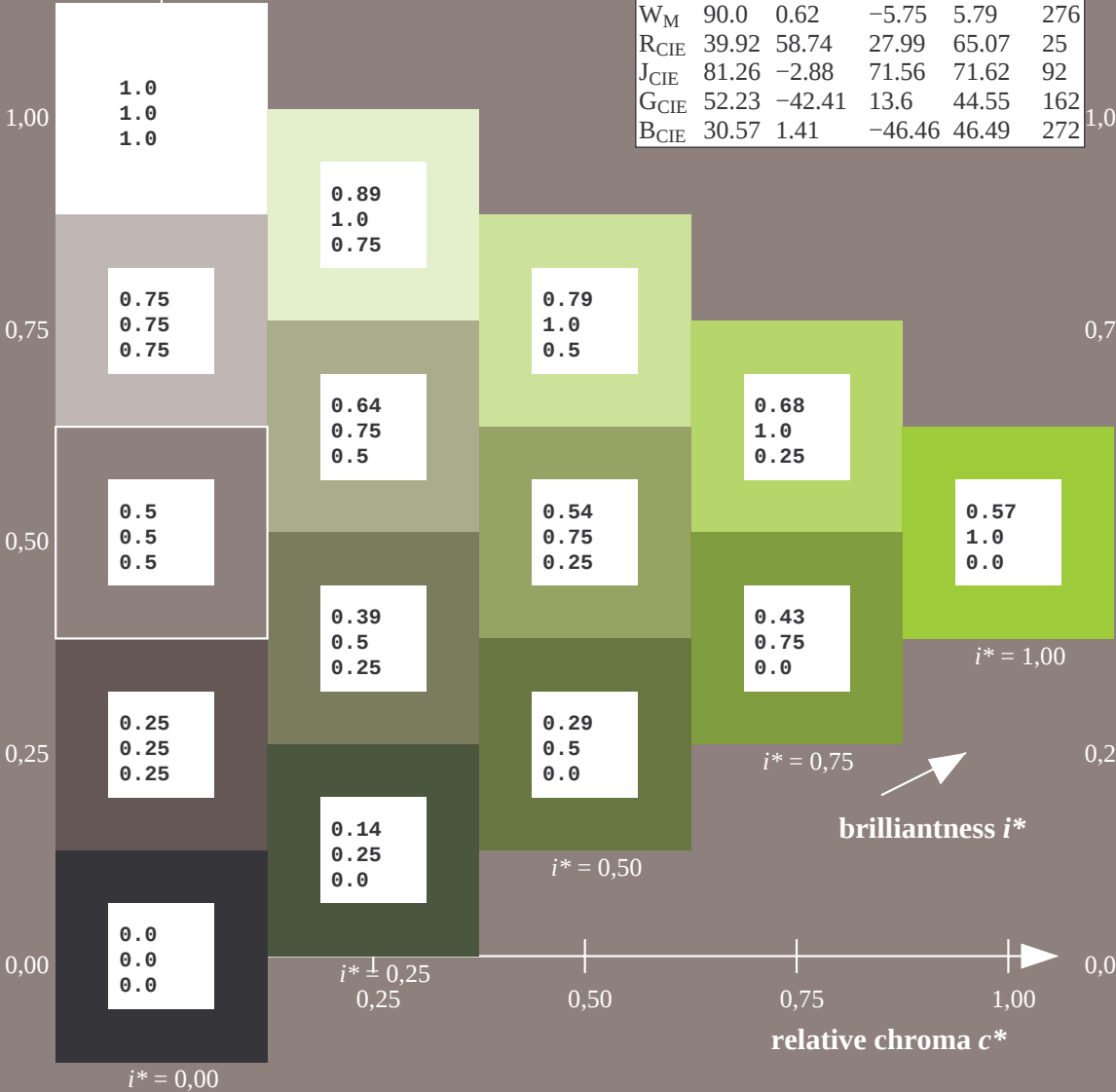
$u^*_{rel} = 88$

%Regularity

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

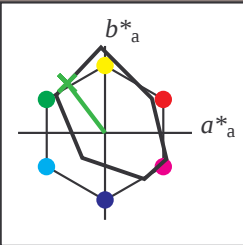
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j50g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 54 -42 57$

$LAB^*LCH^*_Ma: 54 72 127$

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

$lab^*olv^*_Ma: 0.25 1.0 0.0$

triangle lightness t^*

%Gamut

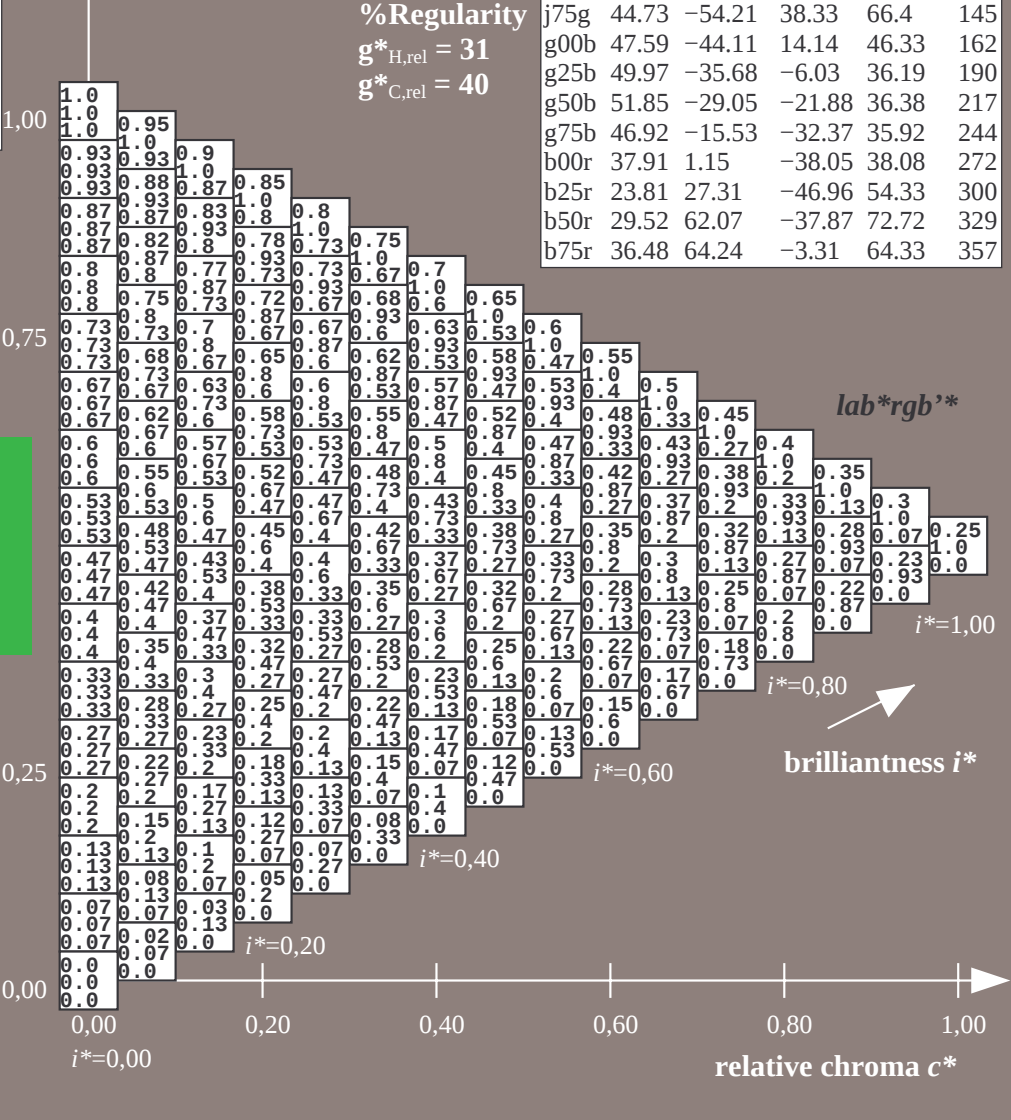
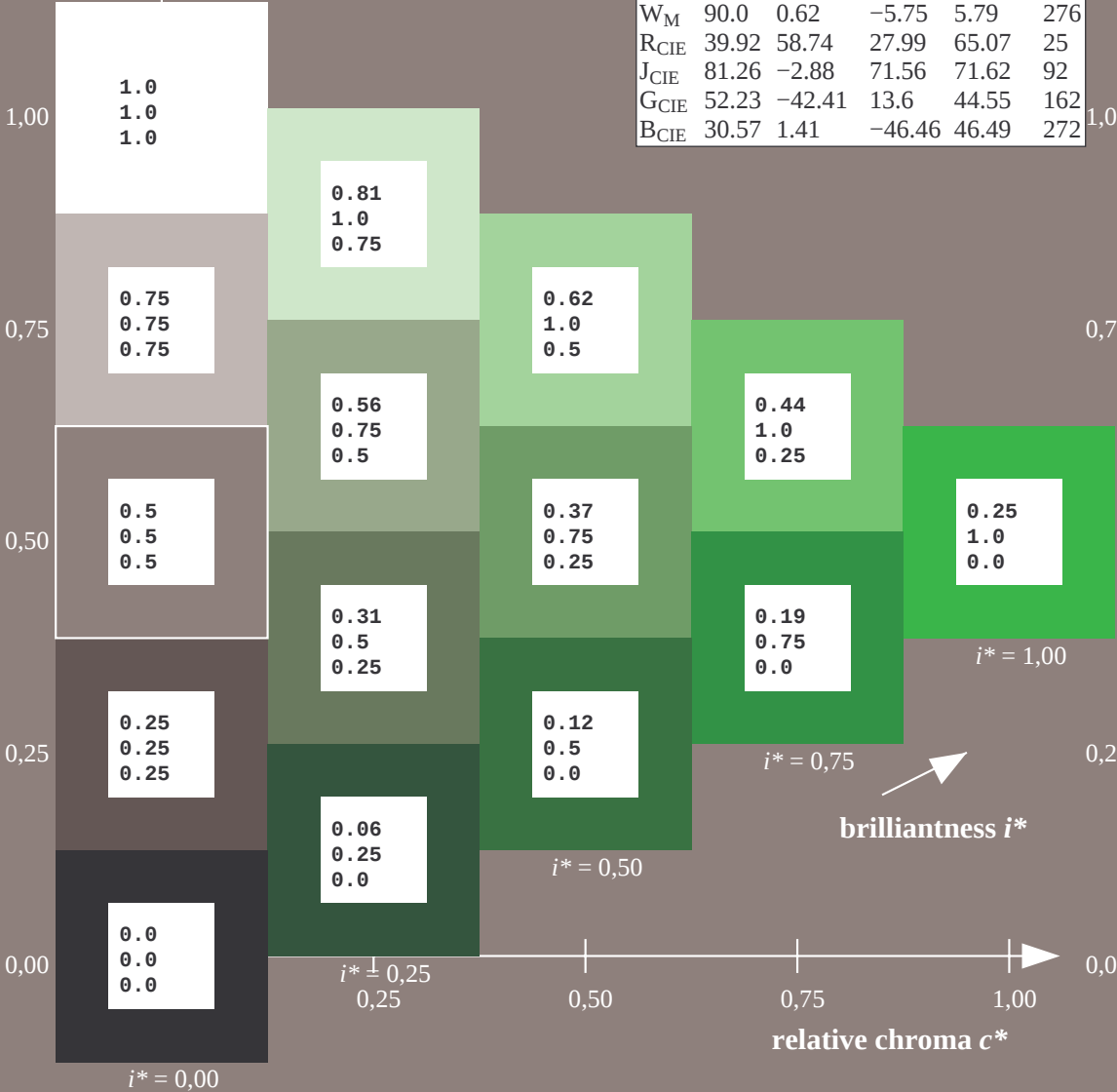
$u^*_{rel} = 88$

%Regularity

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

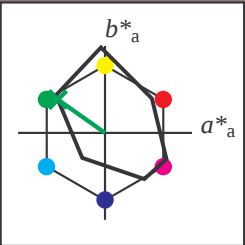
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j75g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 45 -53 38$

$LAB^*LCH^*_Ma: 45 66 145$

$lab^*rgb^*_Ma: 0.25 1.0 0.0$

$lab^*olv^*_Ma: 0.0 1.0 0.07$

triangle lightness t^*

%Gamut

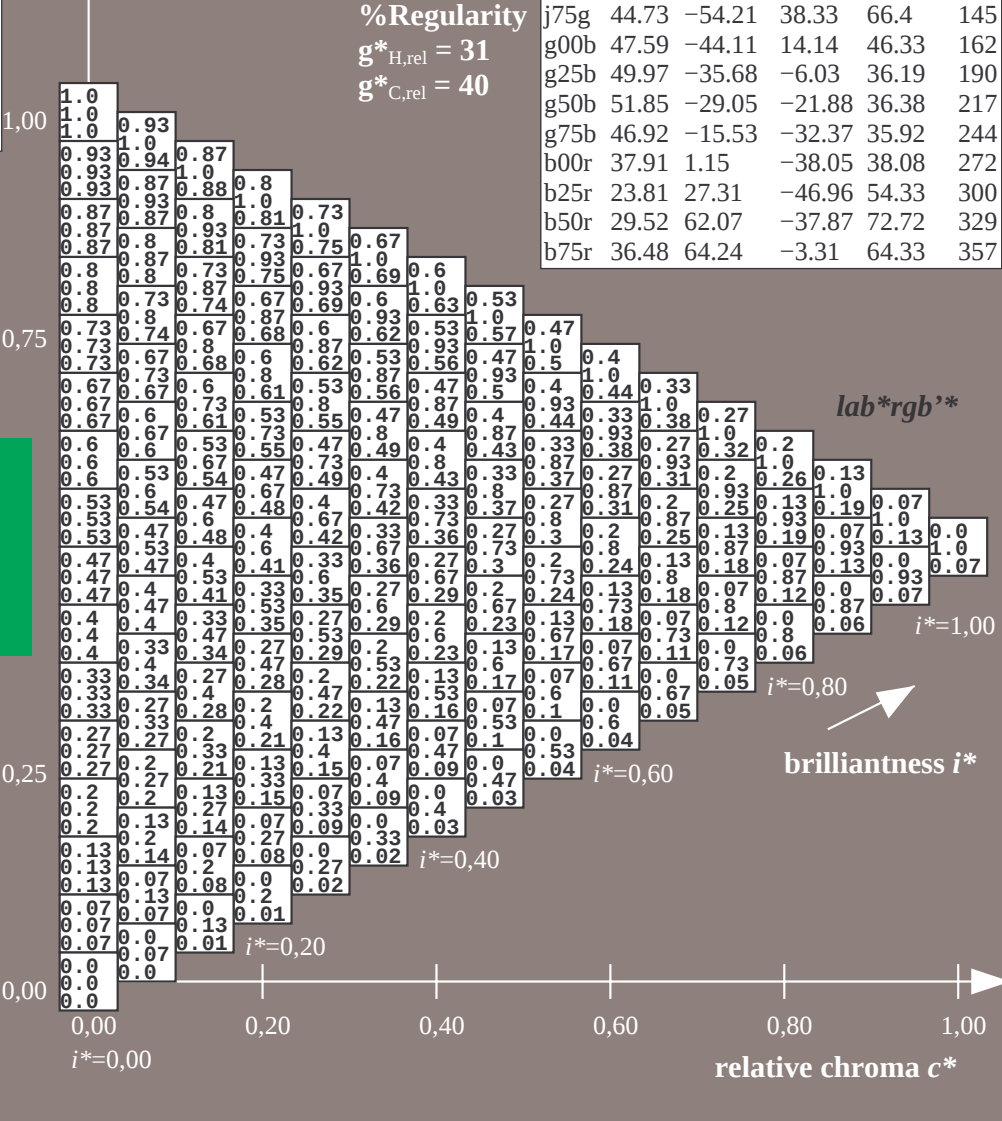
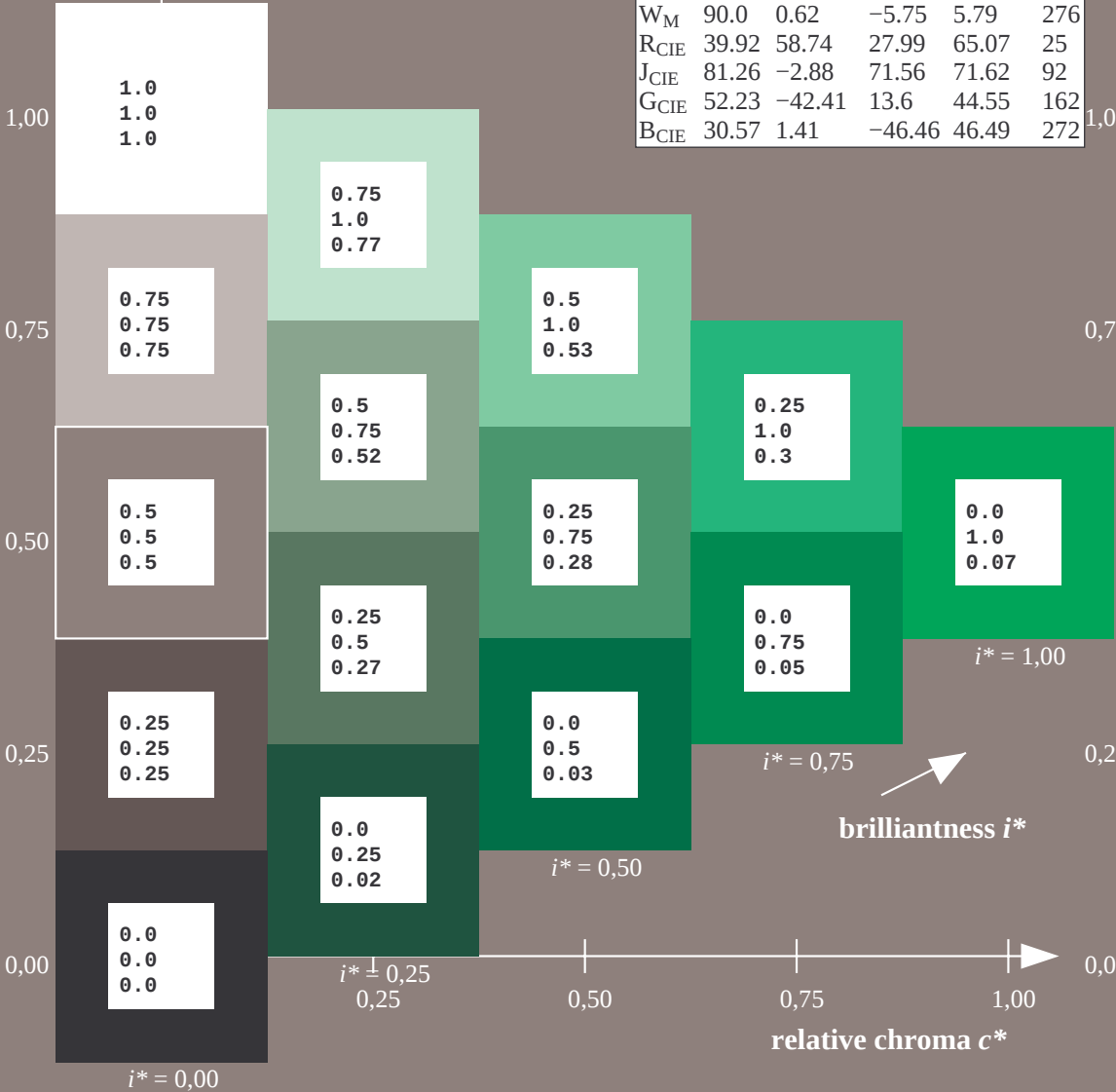
$u^*_{rel} = 88$

%Regularity

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

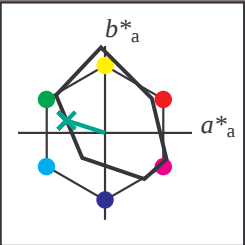
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g00b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

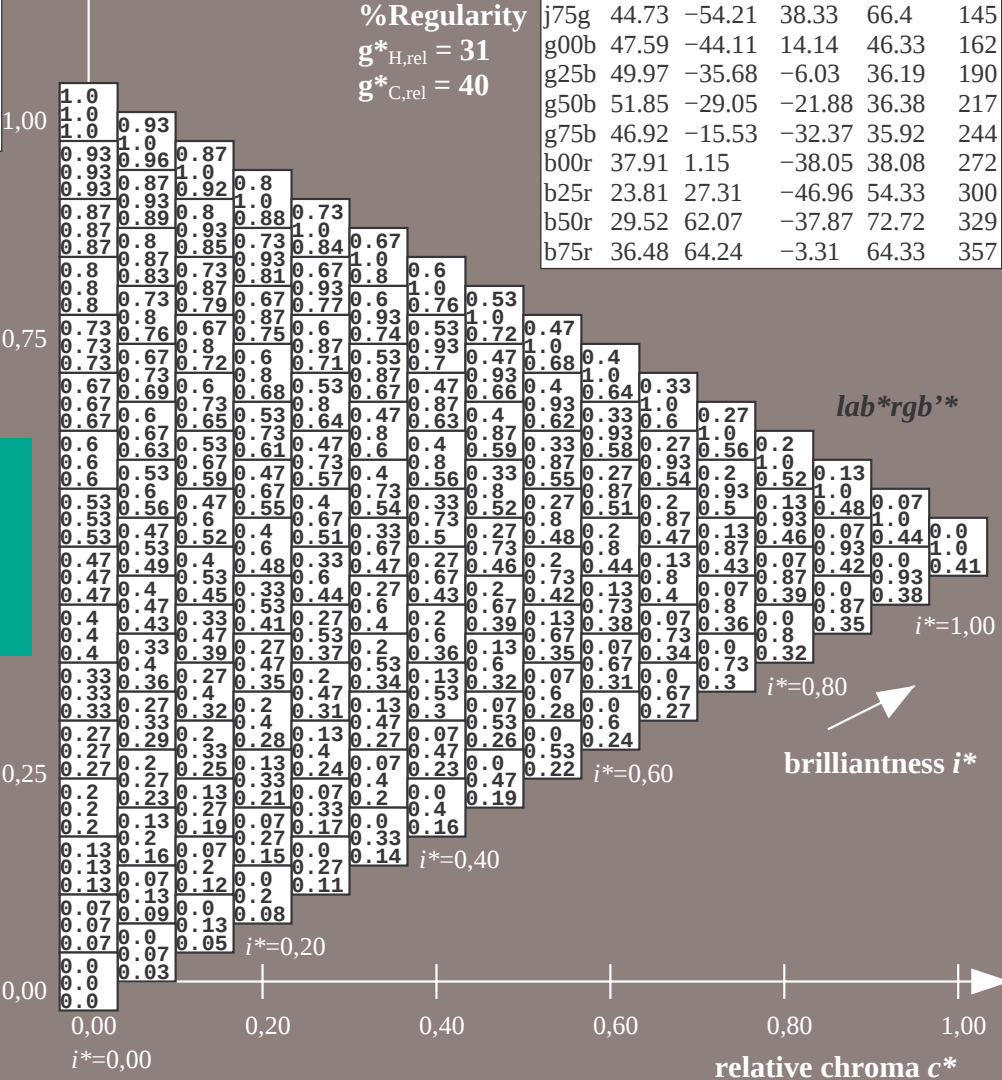
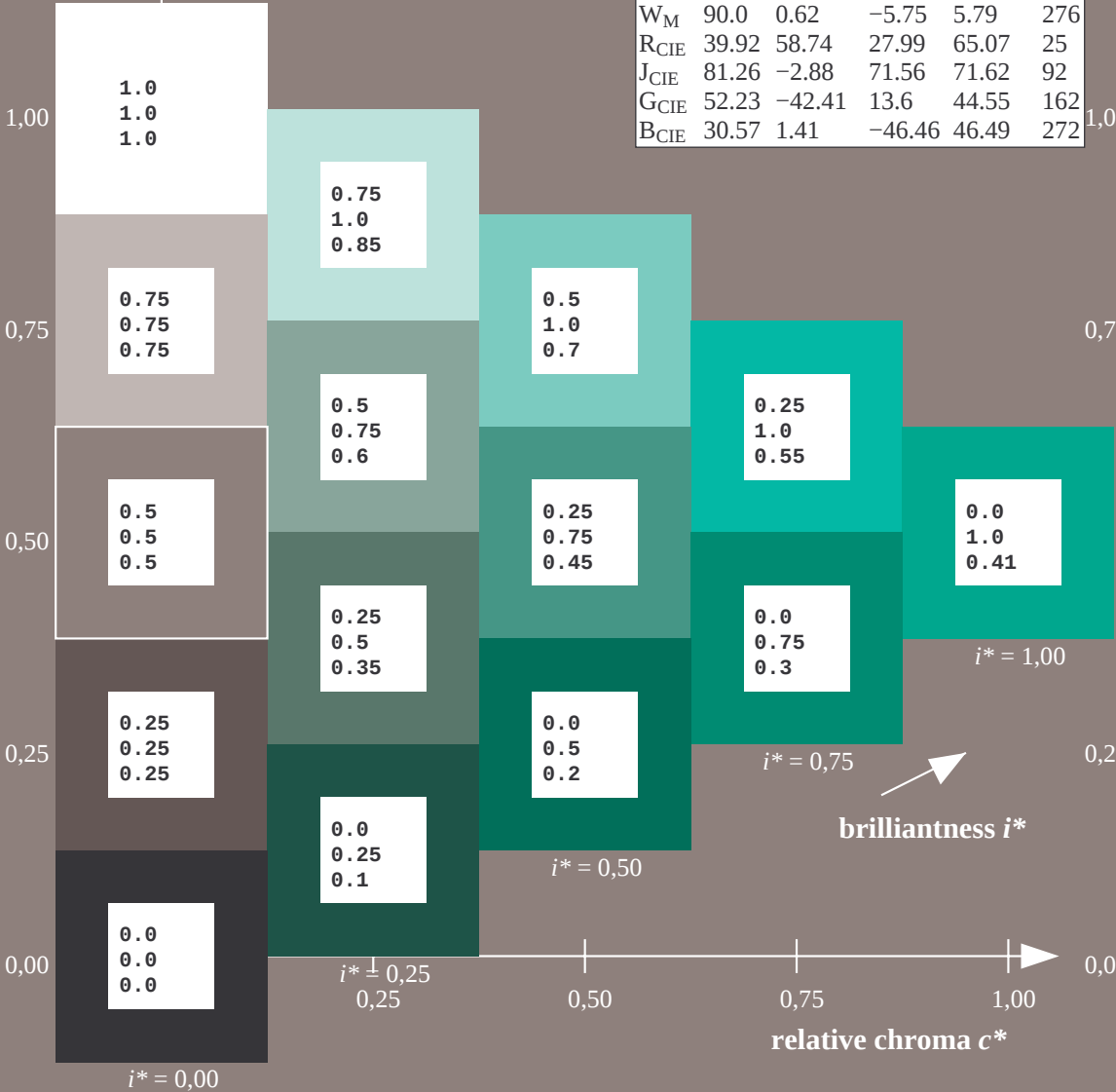
Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 48 -43 14$
 $LAB^*LCH^*_Ma: 48 46 162$
 $lab^*rgb^*_Ma: 0.0 1.0 0.0$
 $lab^*olv^*_Ma: 0.0 1.0 0.41$

triangle lightness t^*

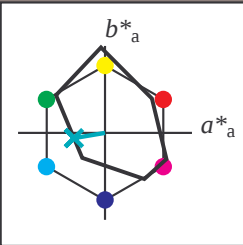
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g25b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

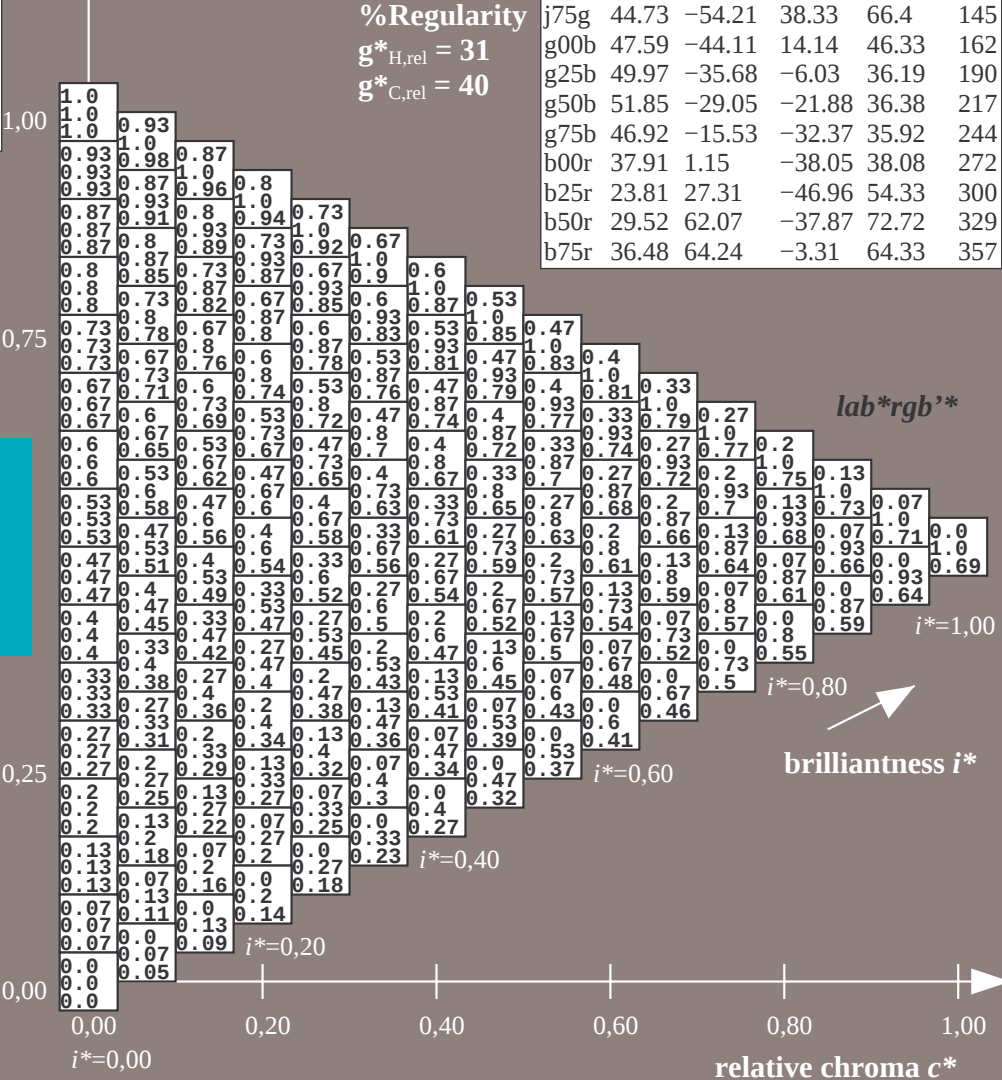
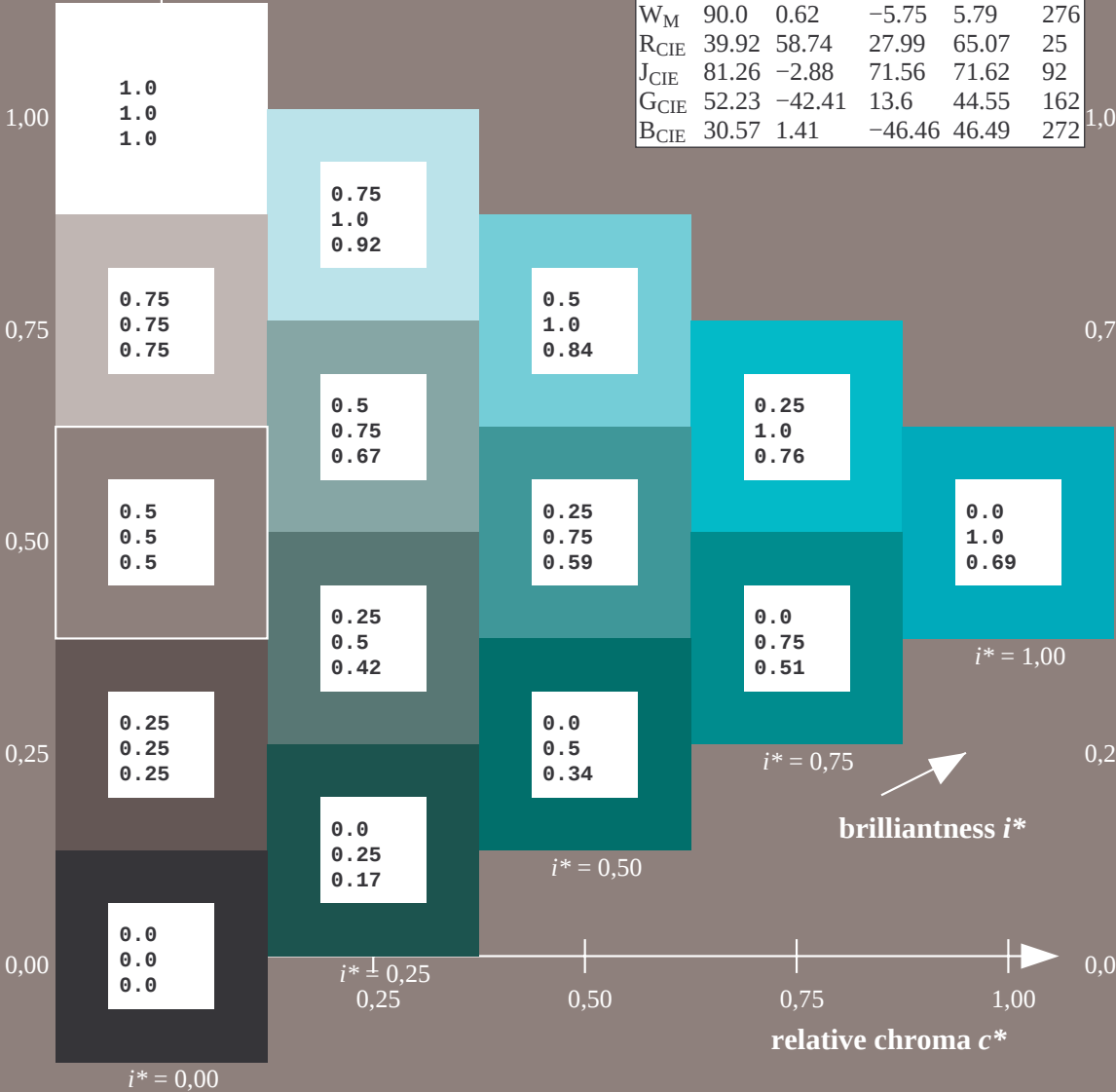
Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 50 -35 -5
 $LAB^*LCH^*_Ma$: 50 36 190
 $lab^*rgb^*_Ma$: 0.0 1.0 0.5
 $lab^*olv^*_Ma$: 0.0 1.0 0.69

triangle lightness t^*

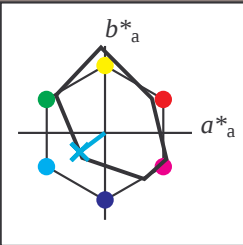
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g50b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 52 -28 -21$

$LAB^*LCH^*_Ma: 52 36 217$

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

$lab^*olv^*_Ma: 0.0 1.0 0.9$

triangle lightness t^*

%Gamut

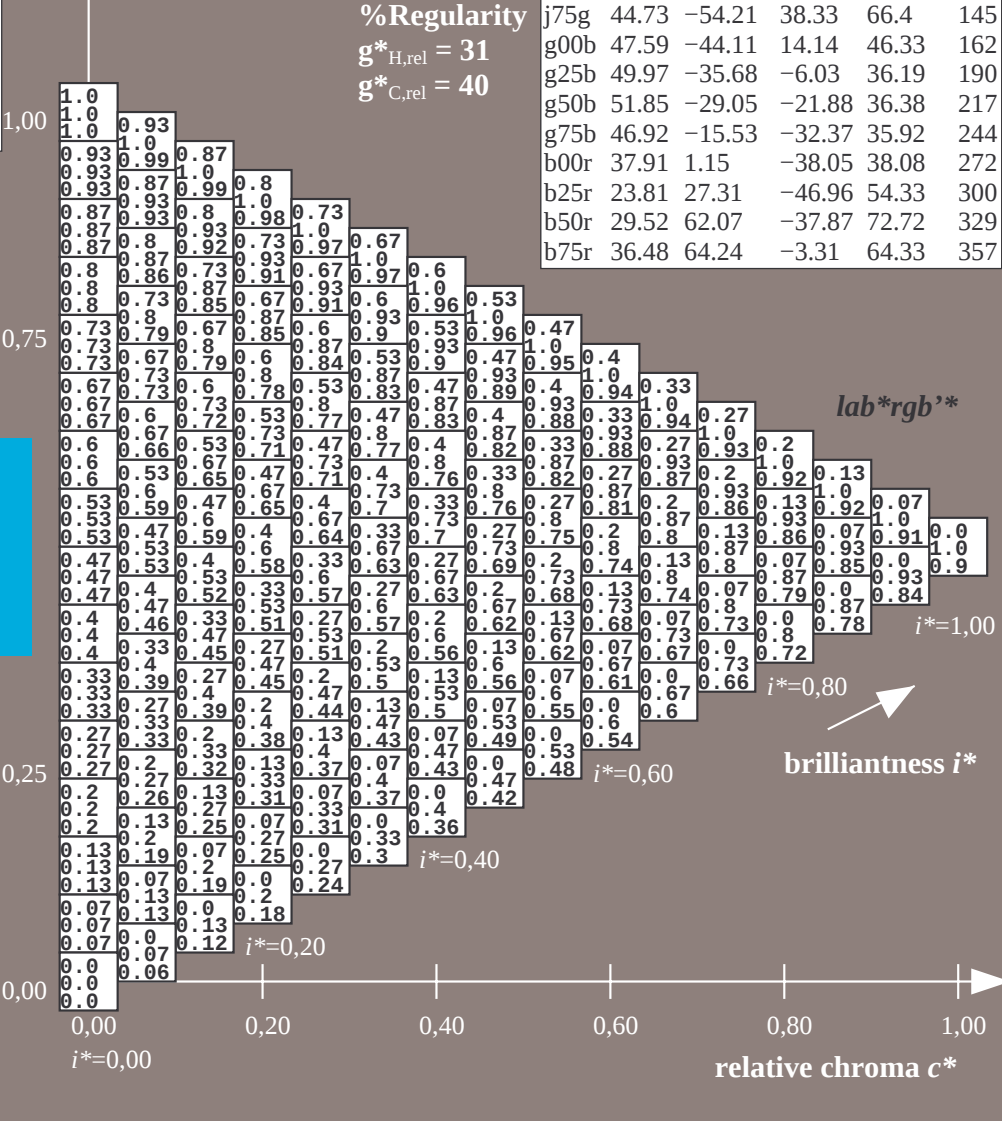
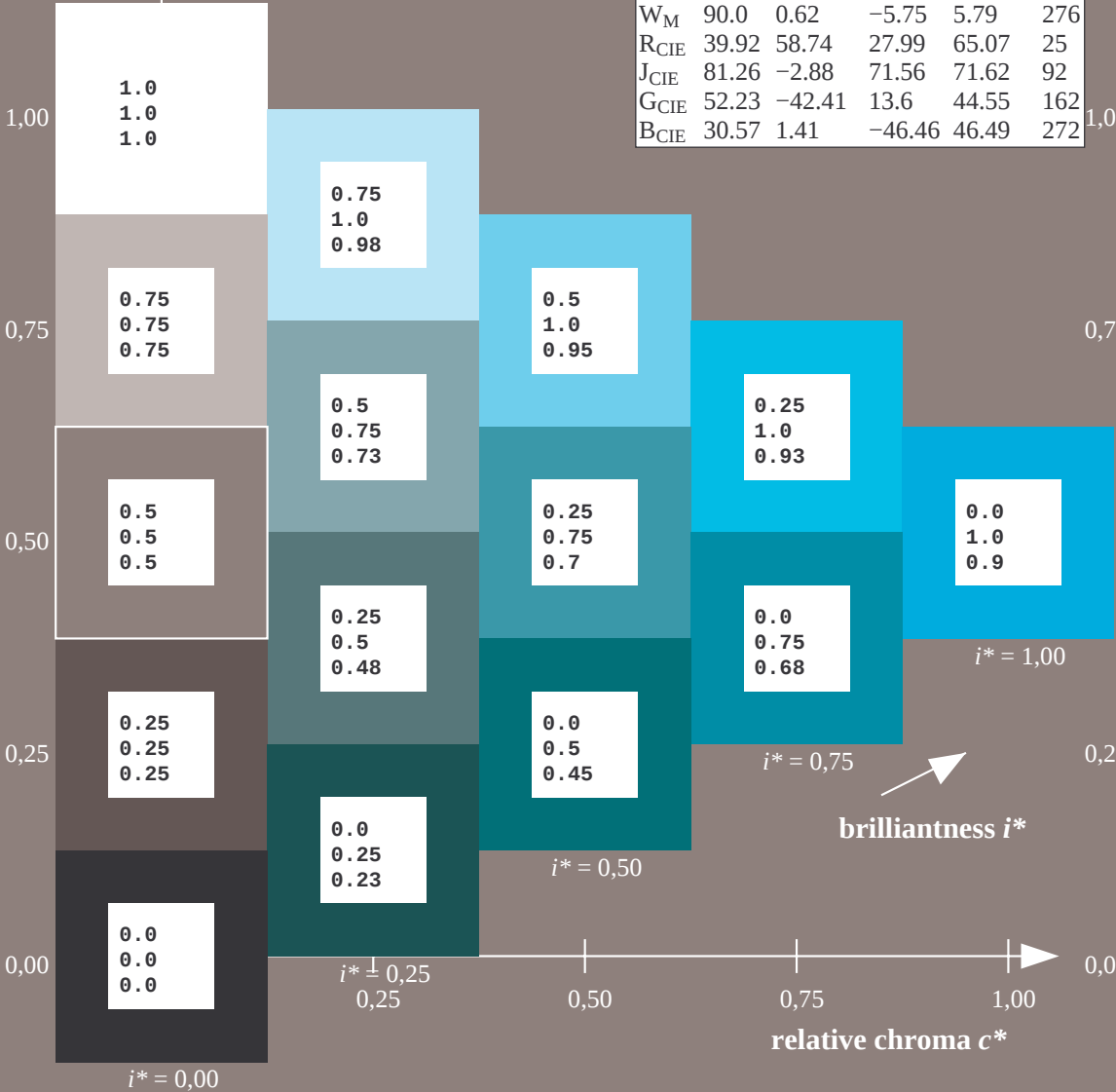
$u^*_{rel} = 88$

%Regularity

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

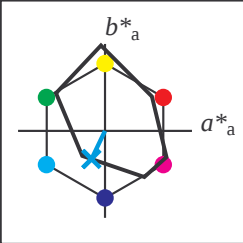
$g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g75b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

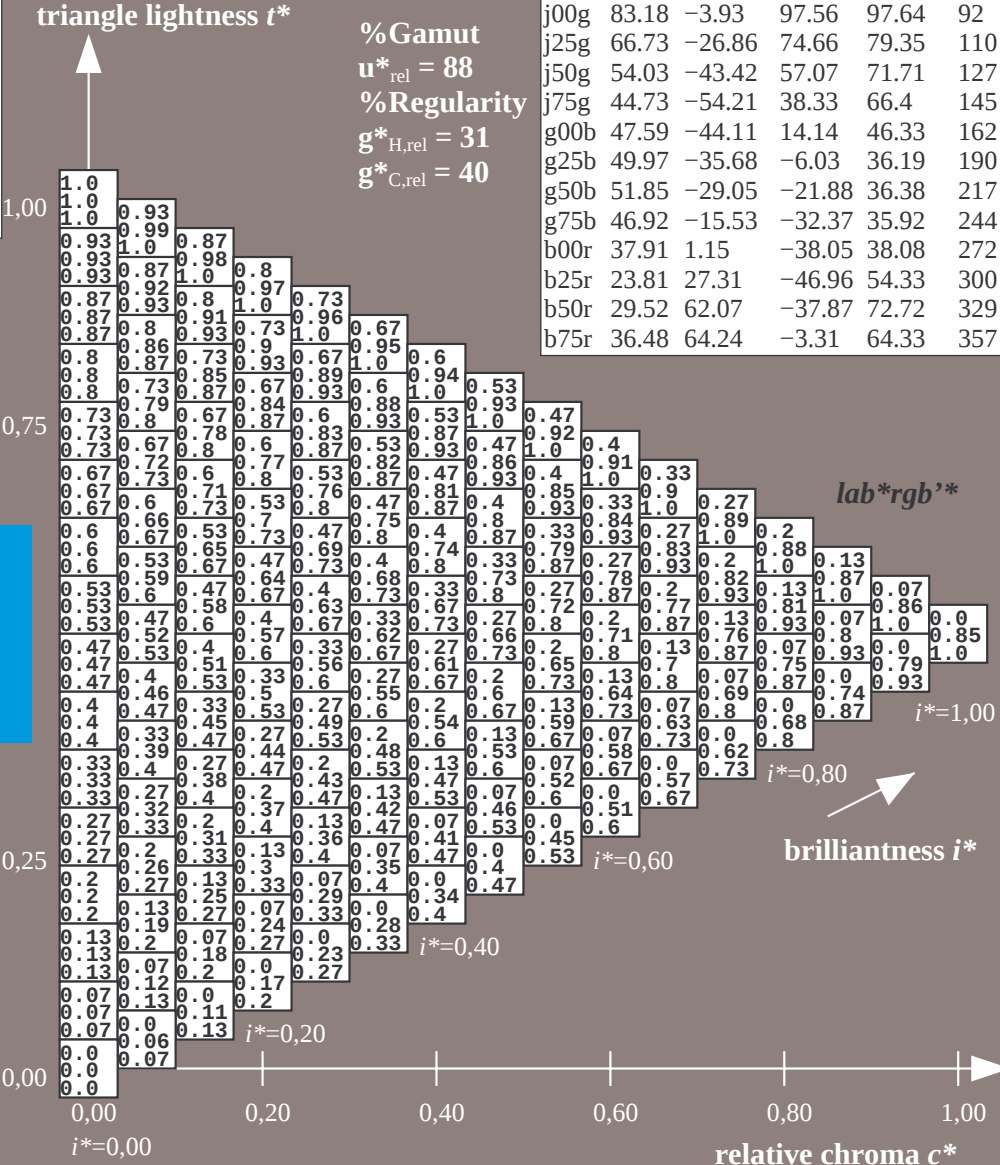
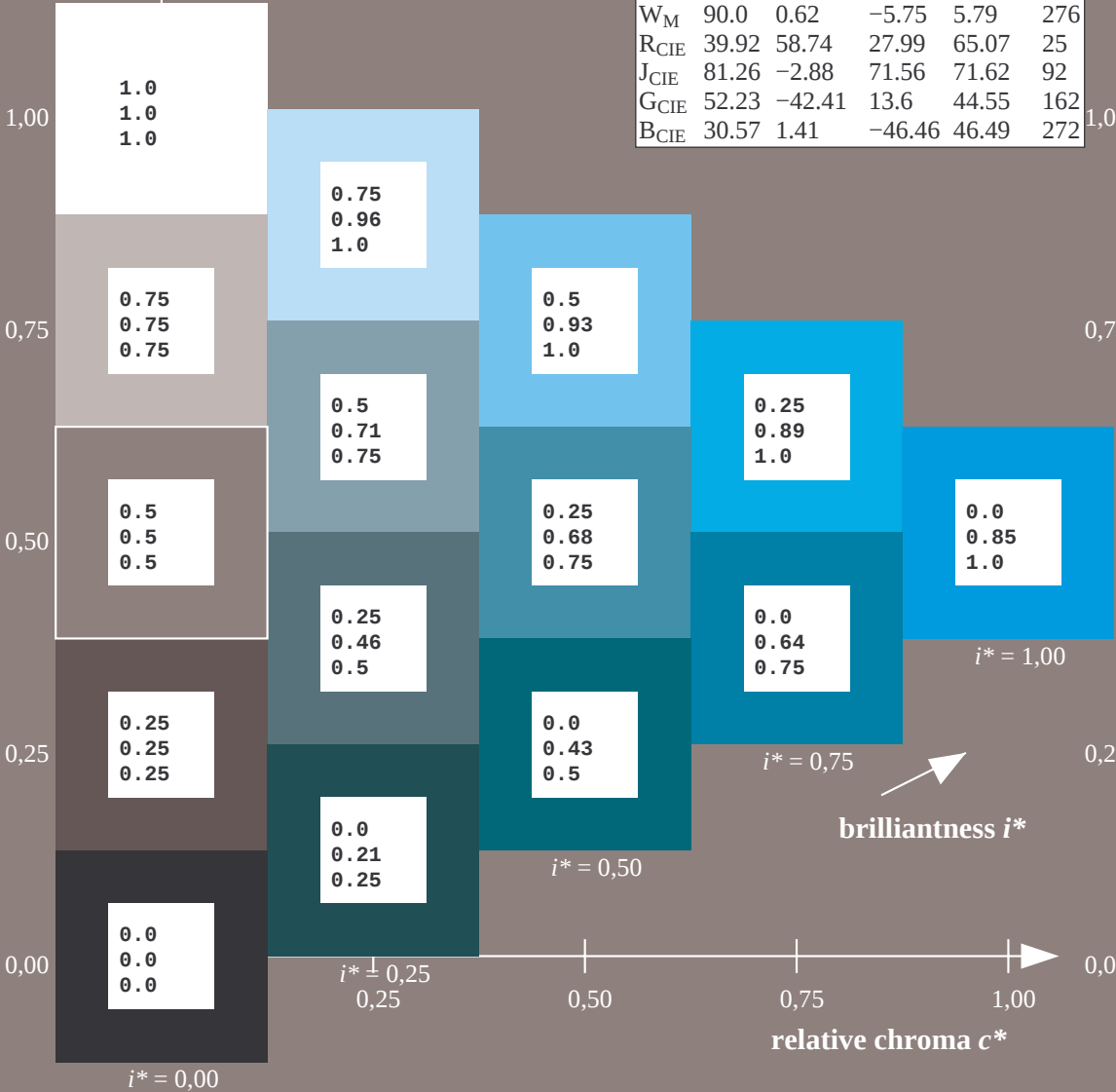


FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 47 \ -15 \ -31$
 $LAB^*LCH^*_{Ma}: 47 \ 36 \ 244$
 $lab^*rgb^*_{Ma}: 0.0 \ 0.5 \ 1.0$
 $lab^*olv^*_{Ma}: 0.0 \ 0.85 \ 1.0$

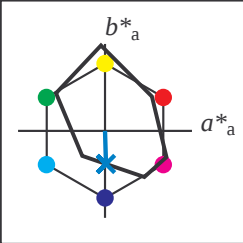
$u^* = g75b$
 lab^*rgb^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b00r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



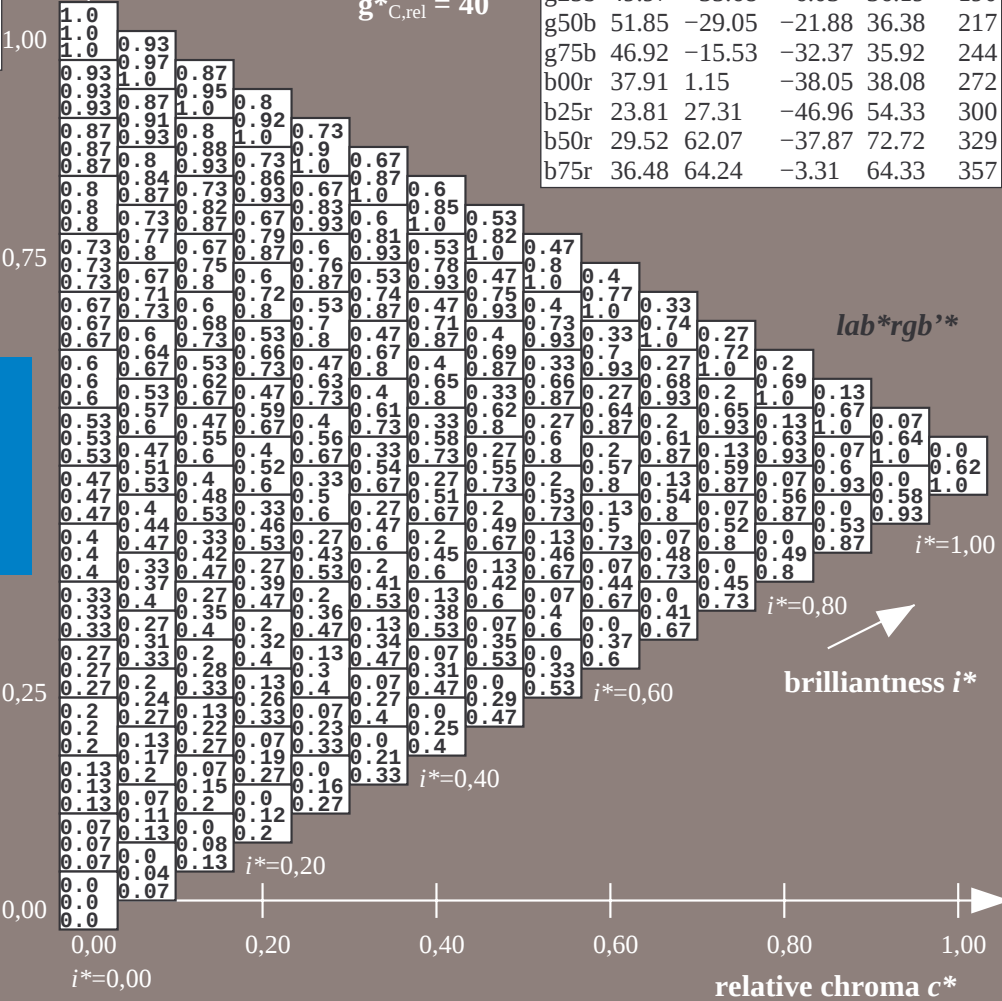
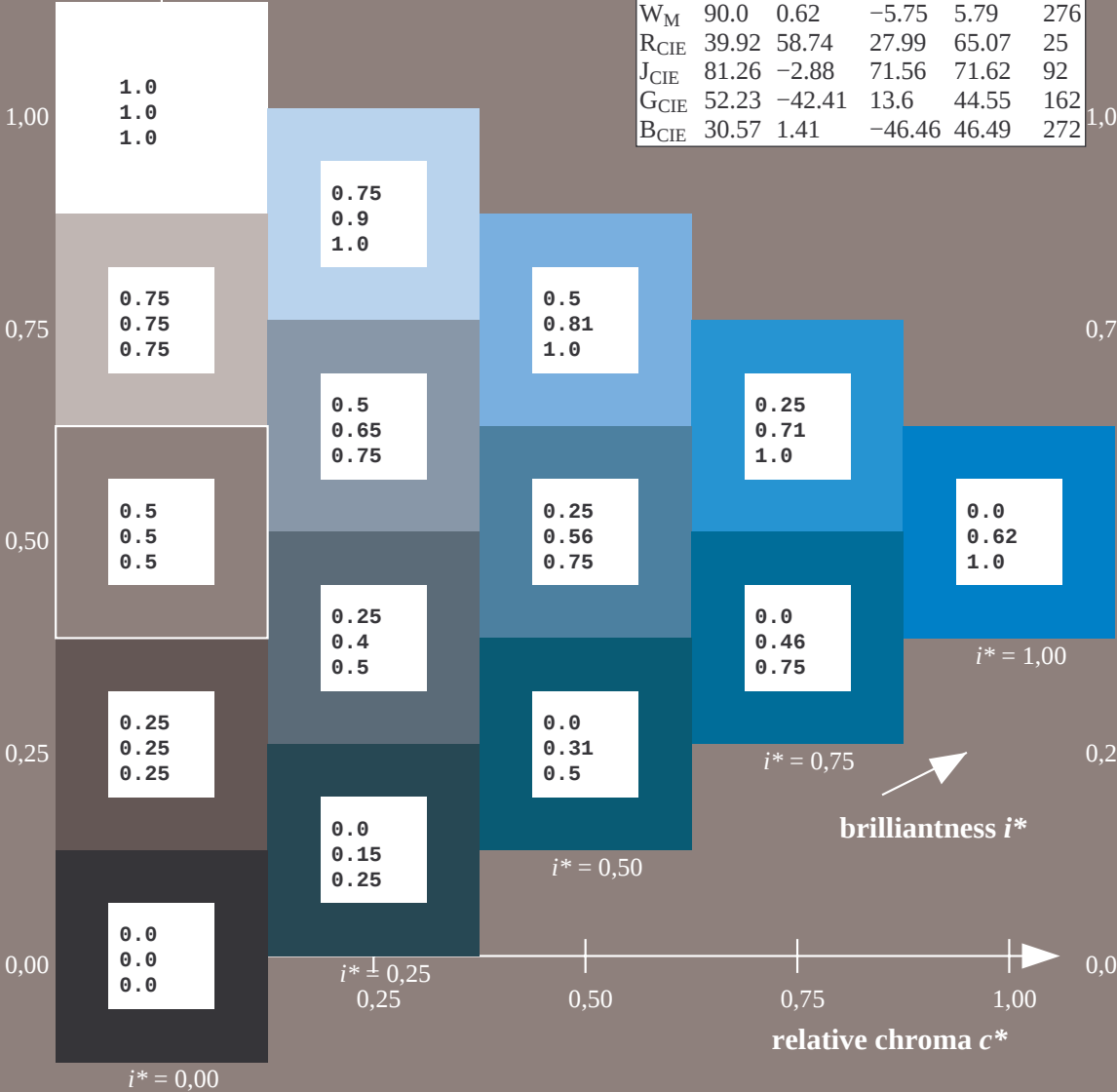
FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_Ma: 38\ 1\ -37$
 $LAB^*LCH^*_Ma: 38\ 38\ 272$
 $lab^*rgb^*_Ma: 0.0\ 0.0\ 1.0$
 $lab^*olv^*_Ma: 0.0\ 0.62\ 1.0$

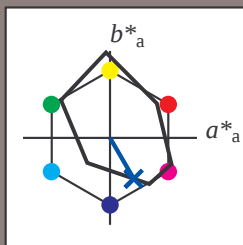
triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



triangle lightness t^*

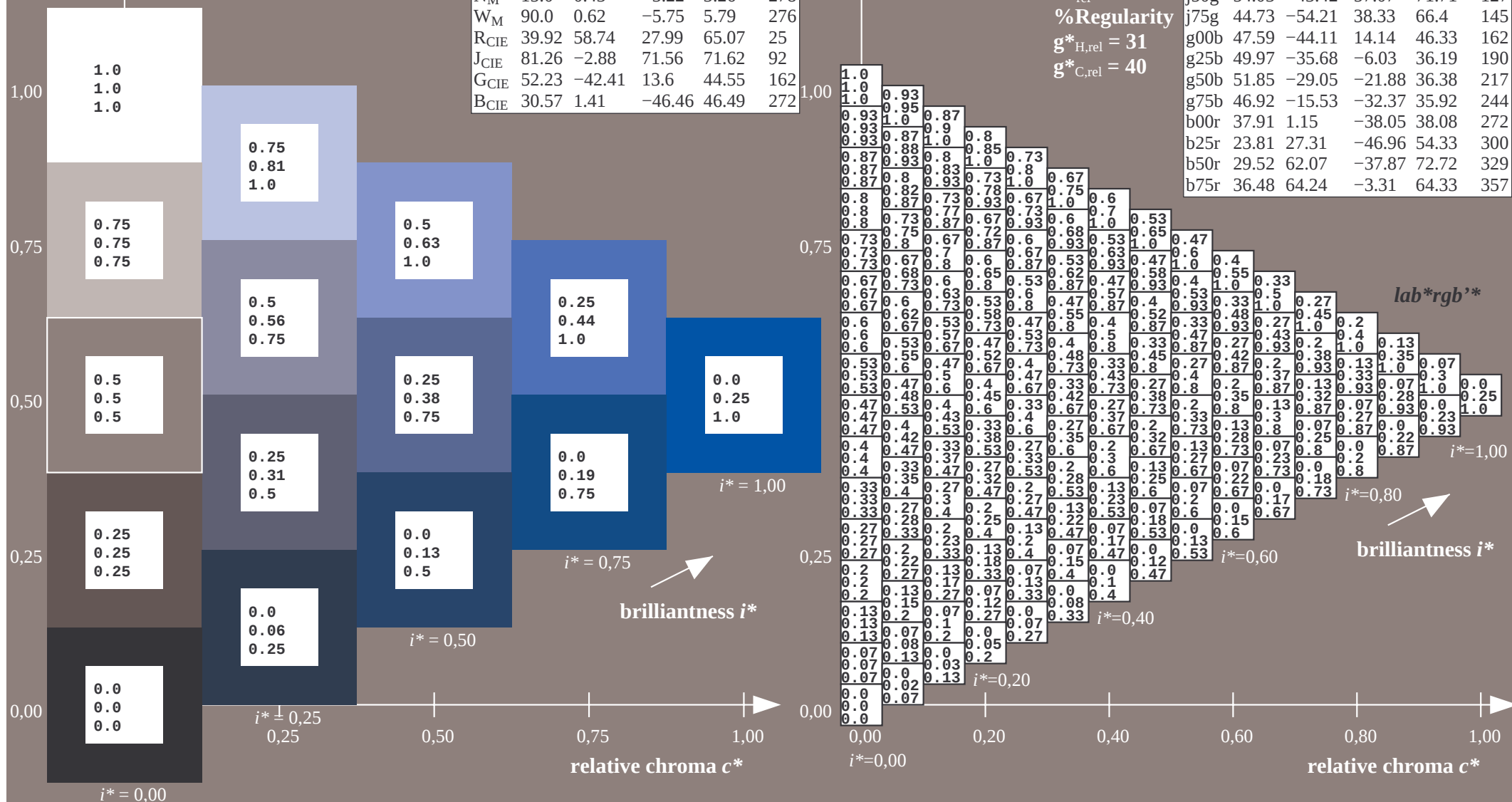


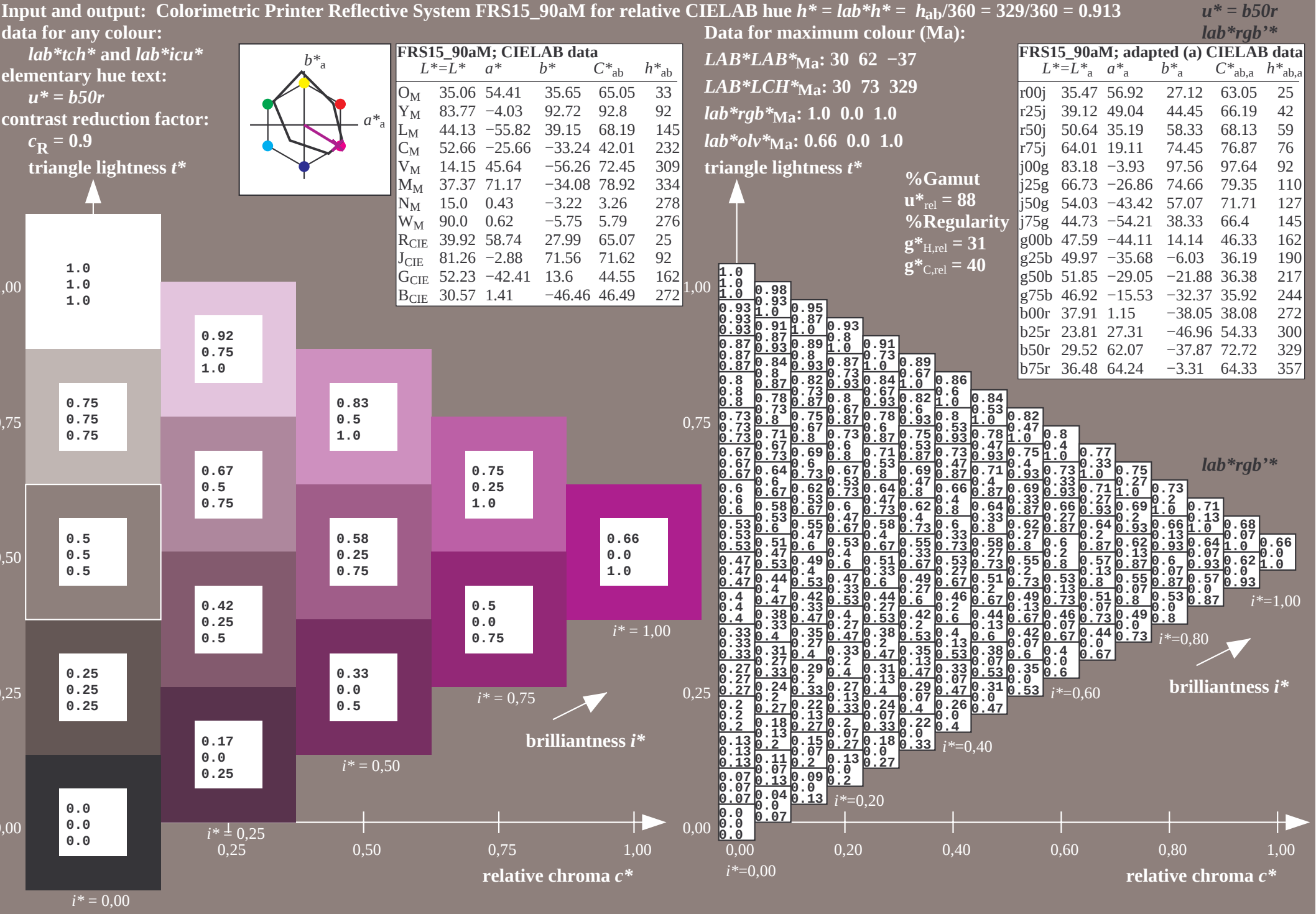
FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

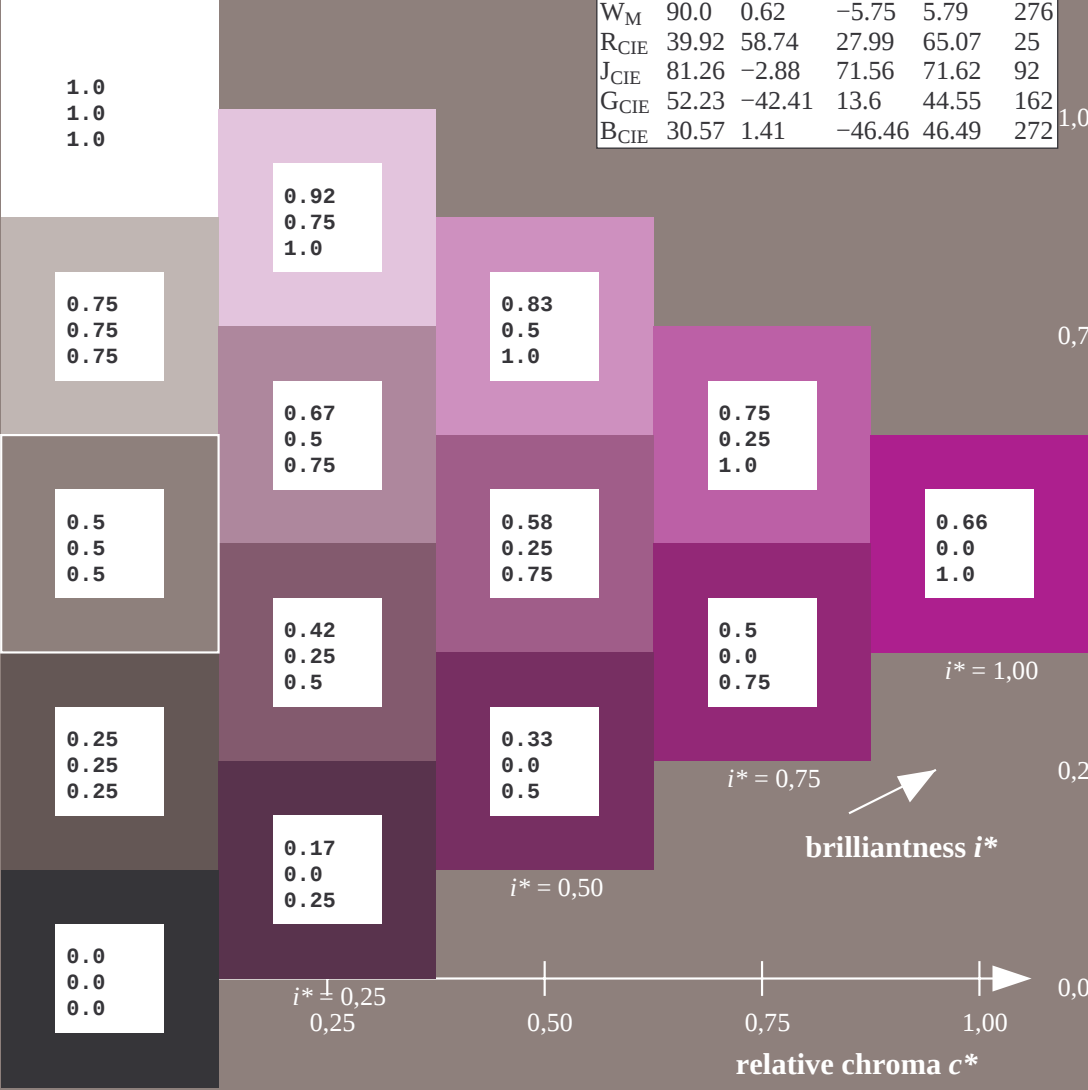
triangle lightness t^*

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

FRS15_90aM; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	

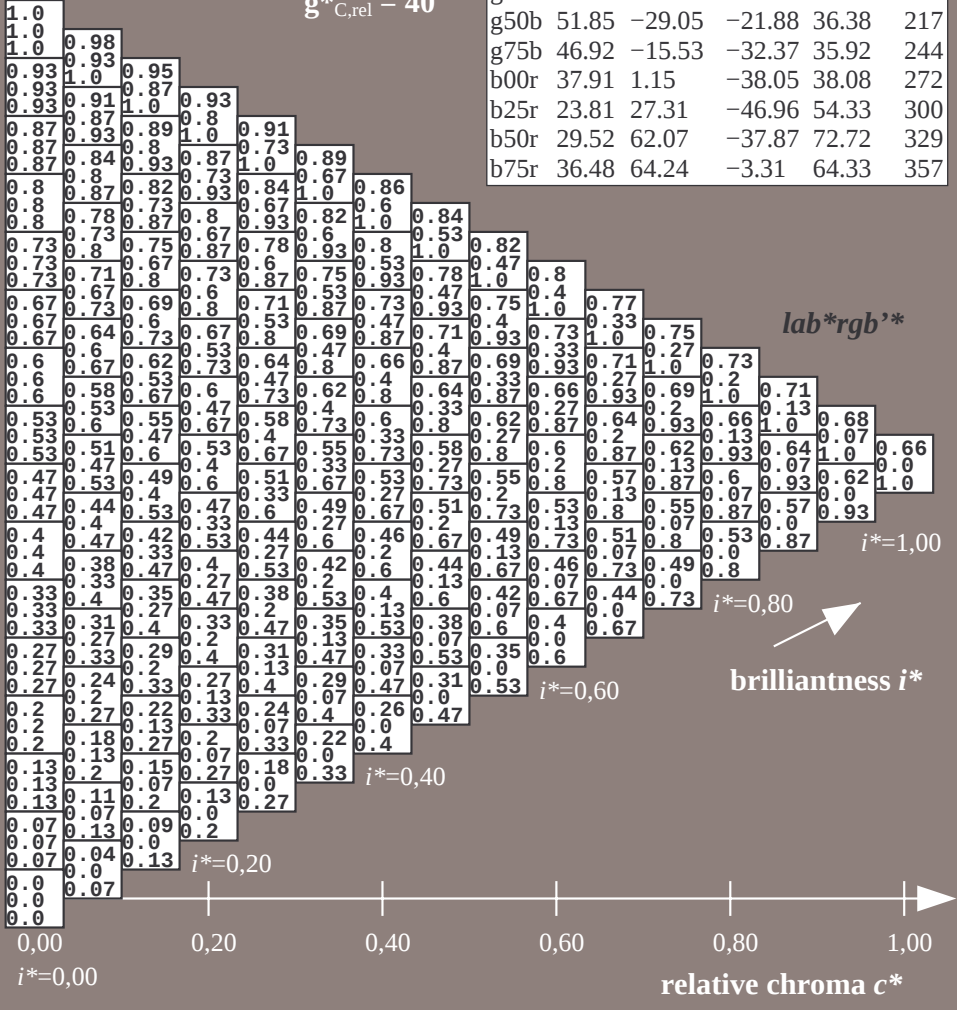






brilliantness i^*

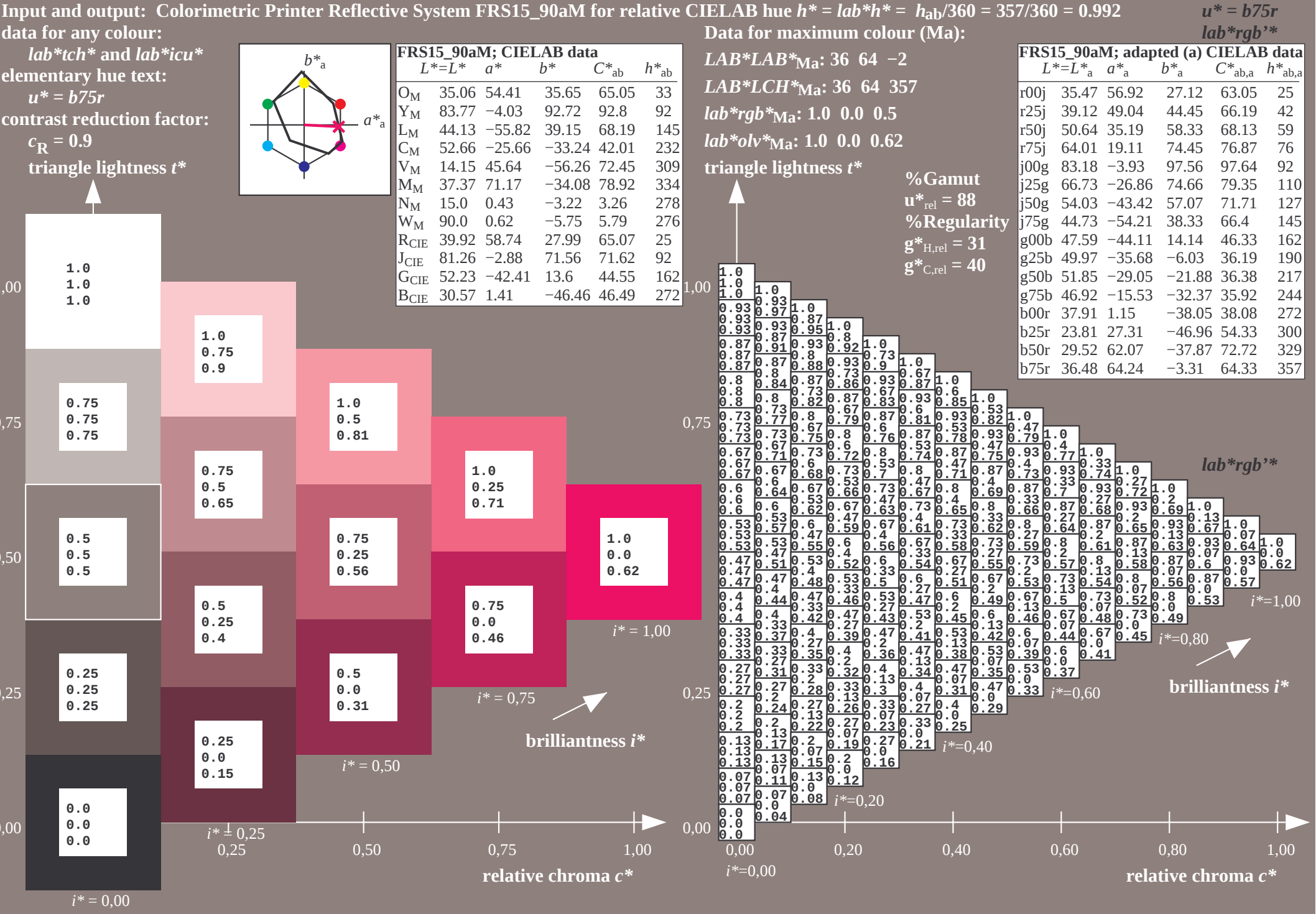
relative chroma c^*



brilliantness i^*

relative chroma c^*

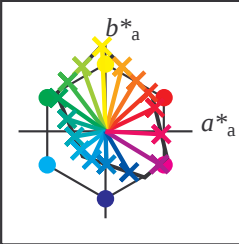
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[illegible]

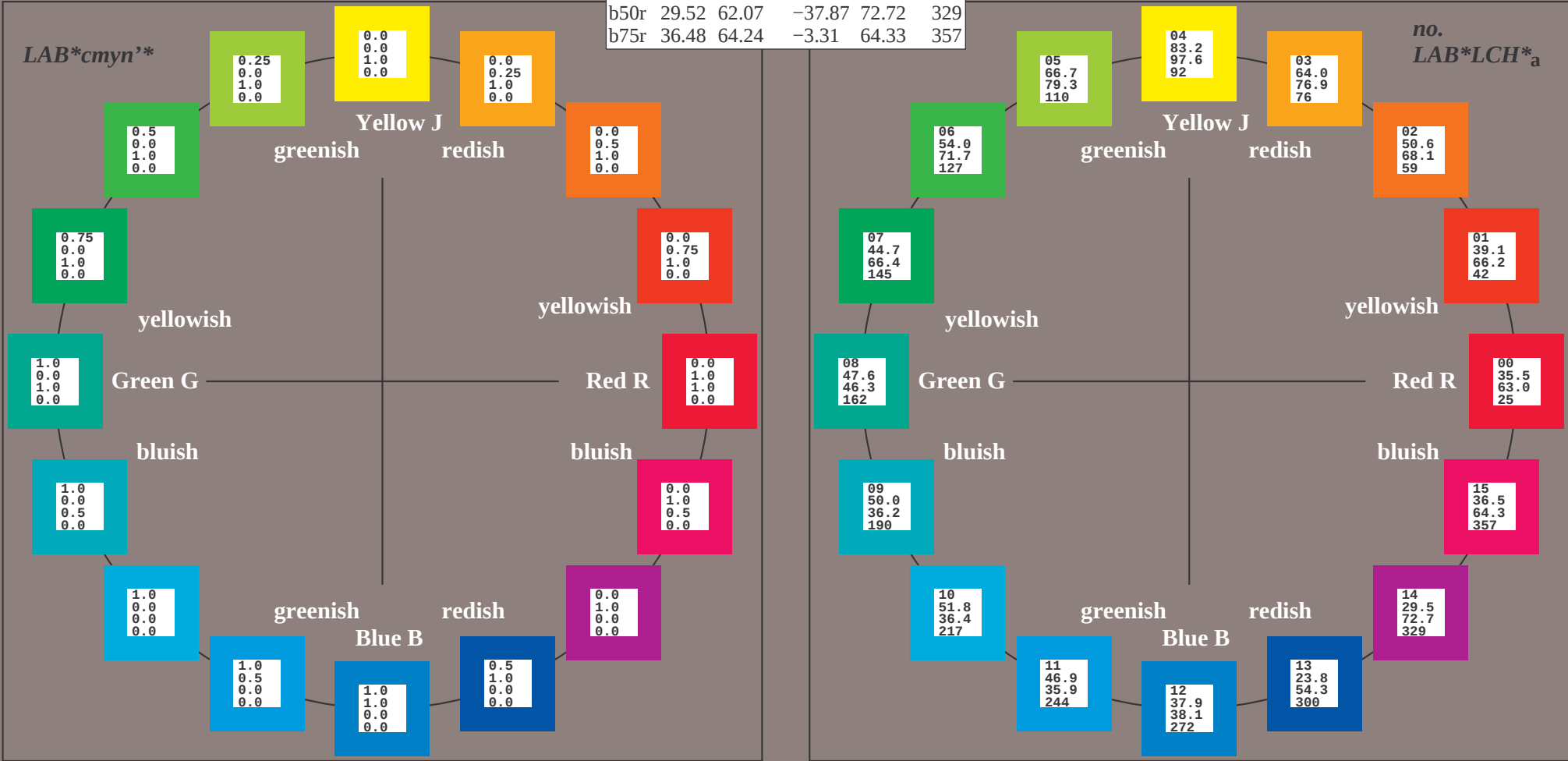
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
c_R = 0.9

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



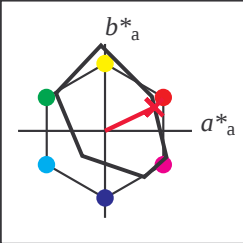
%Gamut
u_{rel}^{*} = 88
%Regularity
g_{H,rel}^{*} = 31
g_{C,rel}^{*} = 40

FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r00j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

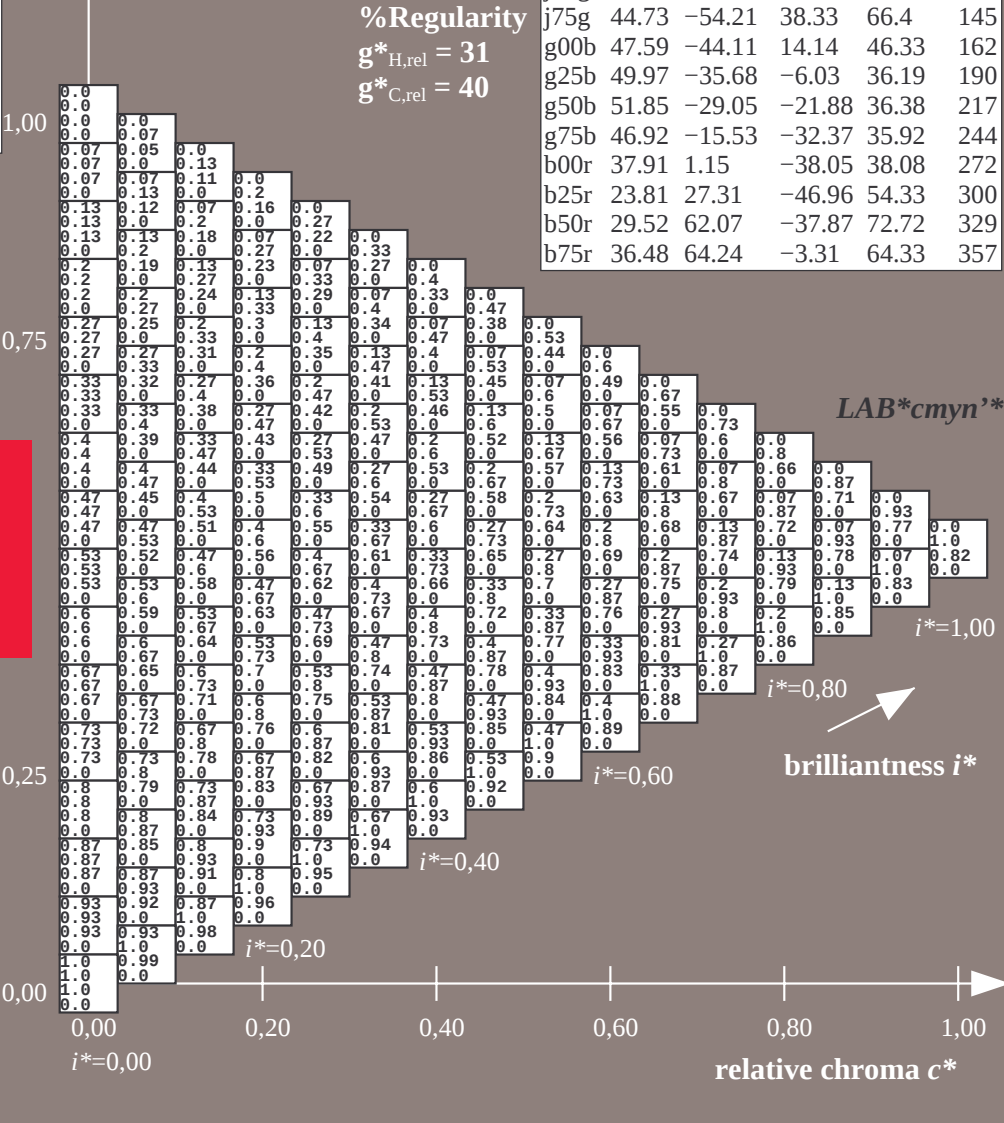
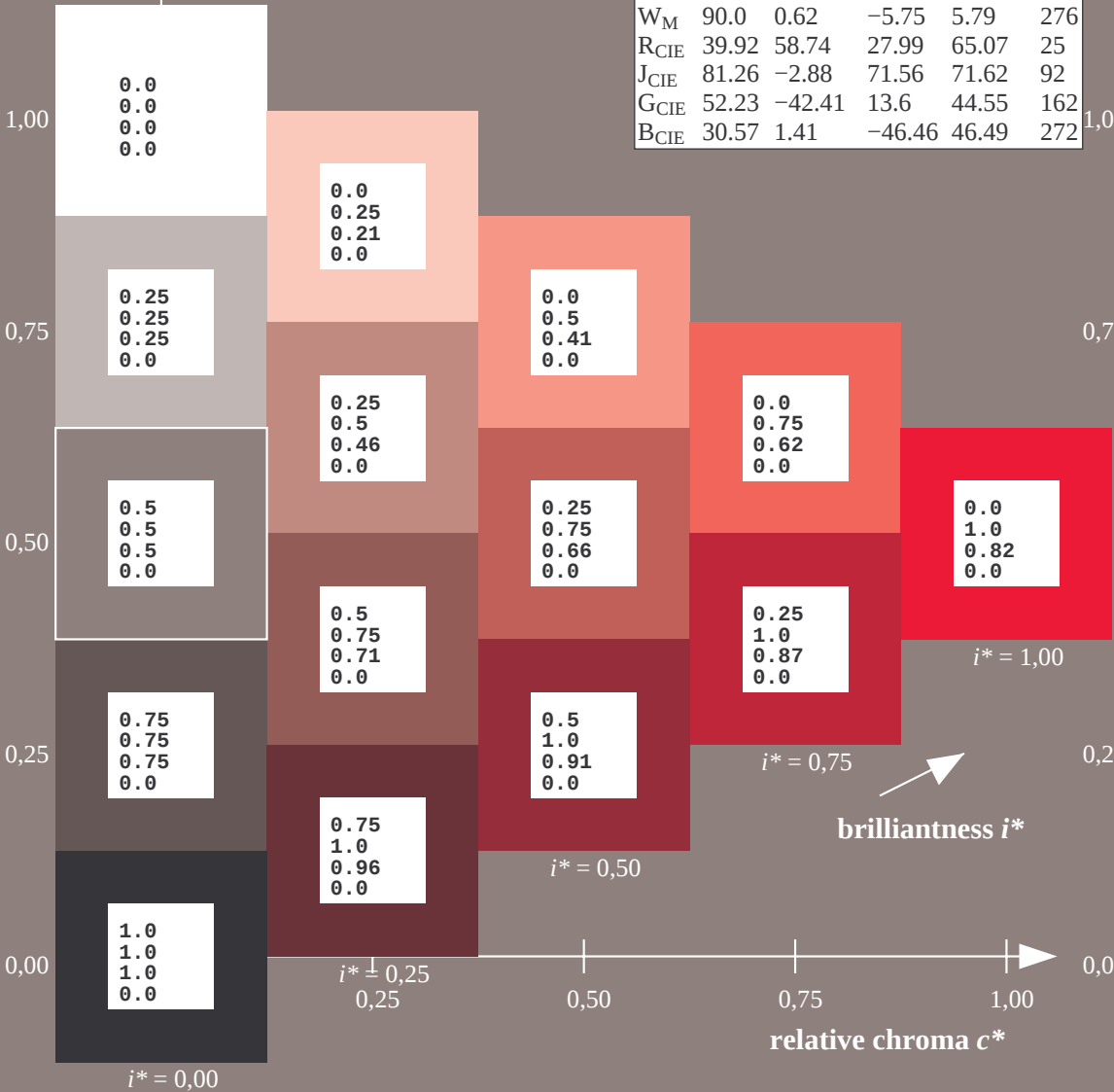
$LAB^*LAB^*_Ma: 35\ 57\ 27$
 $LAB^*LCH^*_Ma: 35\ 63\ 25$
 $lab^*rgb^*_Ma: 1.0\ 0.0\ 0.0$
 $lab^*olv^*_Ma: 1.0\ 0.0\ 0.18$

triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

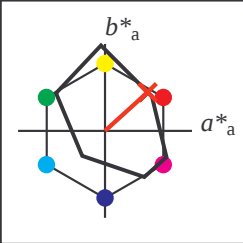
$u^* = r00j$
 LAB^*cmyn^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r25j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

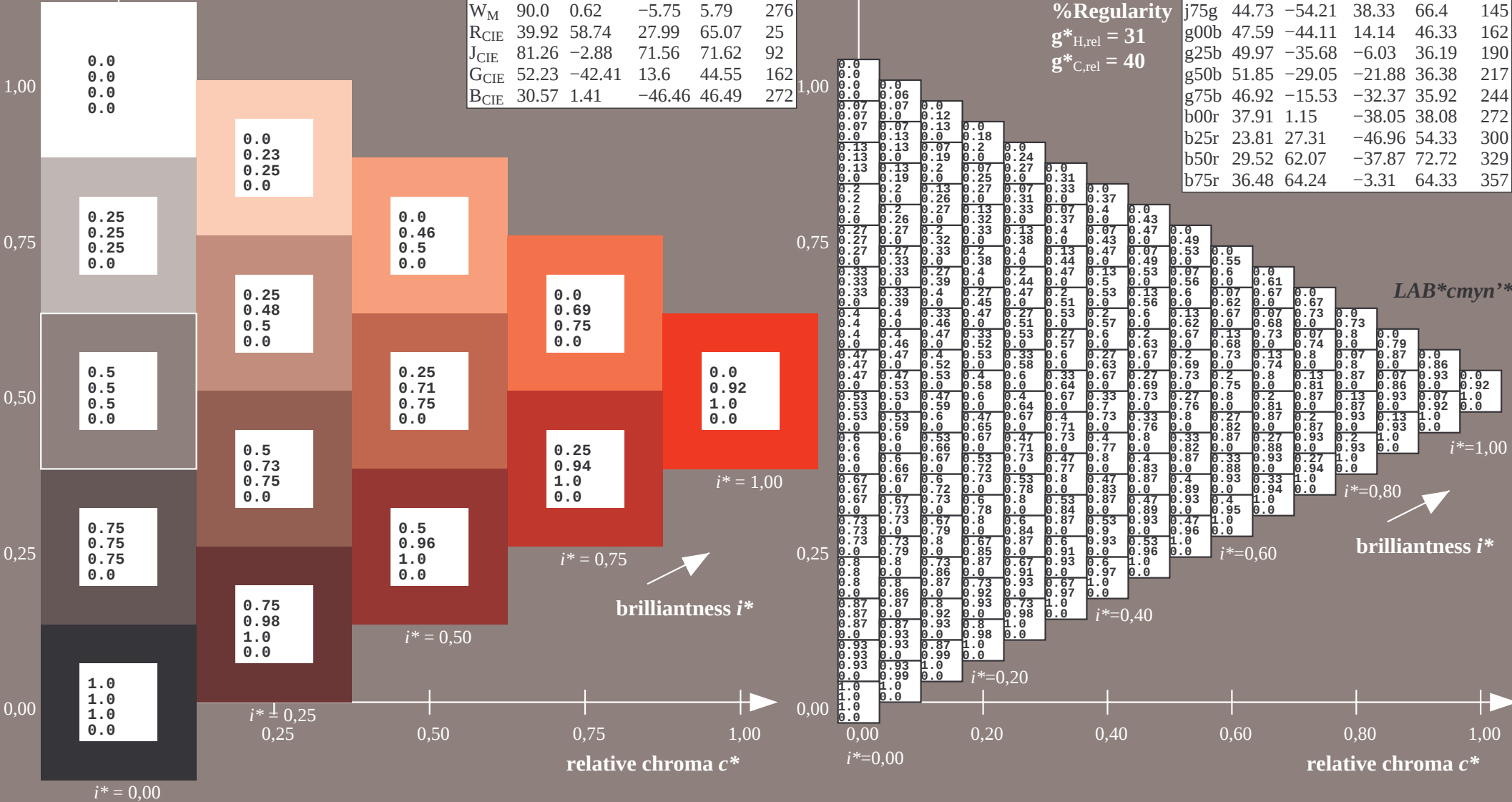


FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_Ma: 39\ 49\ 44$
 $LAB^*LCH^*_Ma: 39\ 66\ 42$
 $lab^*rgb^*_Ma: 1.0\ 0.25\ 0.0$
 $lab^*olv^*_Ma: 1.0\ 0.08\ 0.0$
triangle lightness t^*

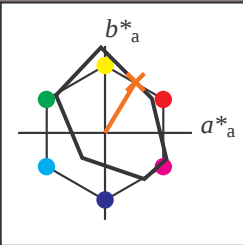
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r50j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 51\ 35\ 58$

$LAB^*LCH^*_Ma: 51\ 68\ 59$

$lab^*rgb^*_Ma: 1.0\ 0.5\ 0.0$

$lab^*olv^*_Ma: 1.0\ 0.32\ 0.0$

triangle lightness t^*

%Gamut

$u^*_{rel} = 88$

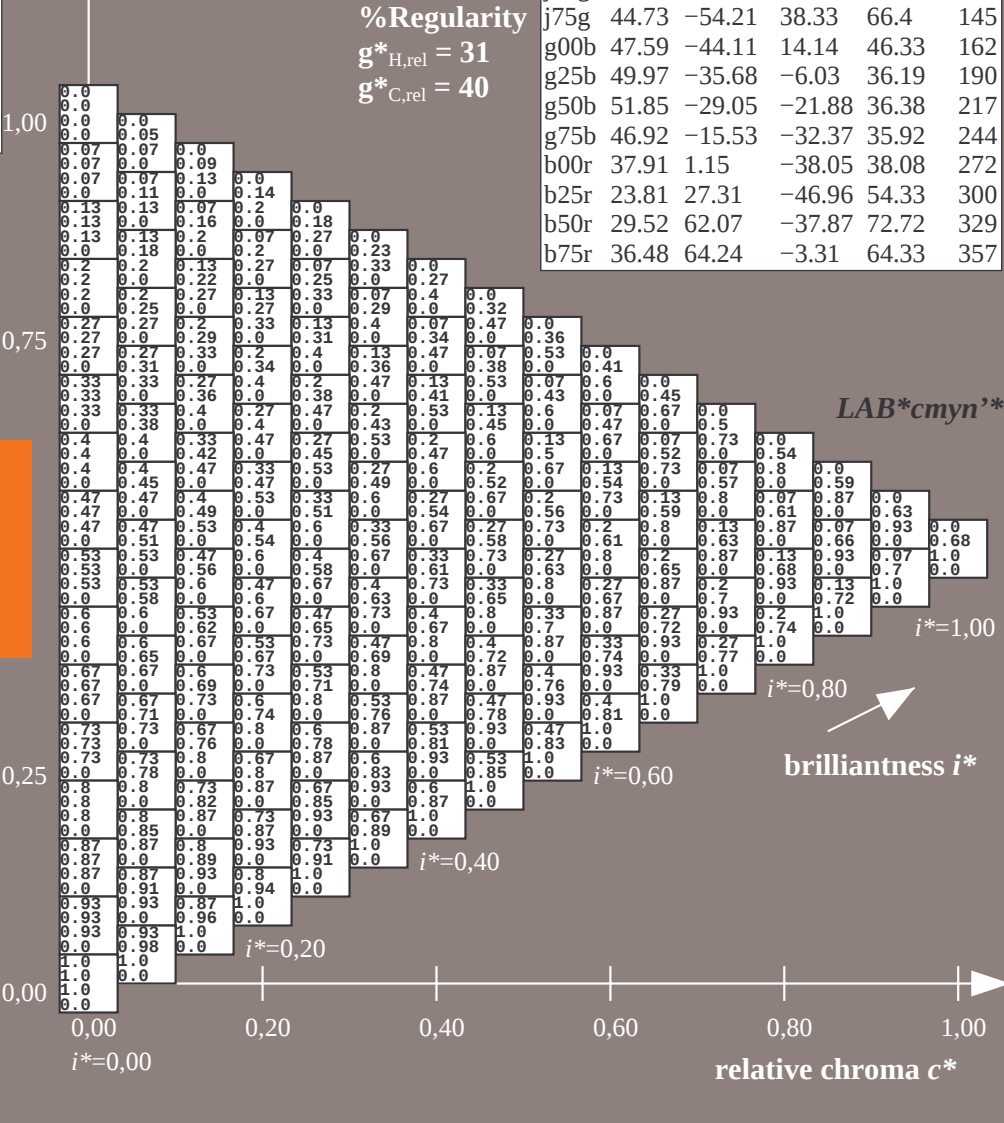
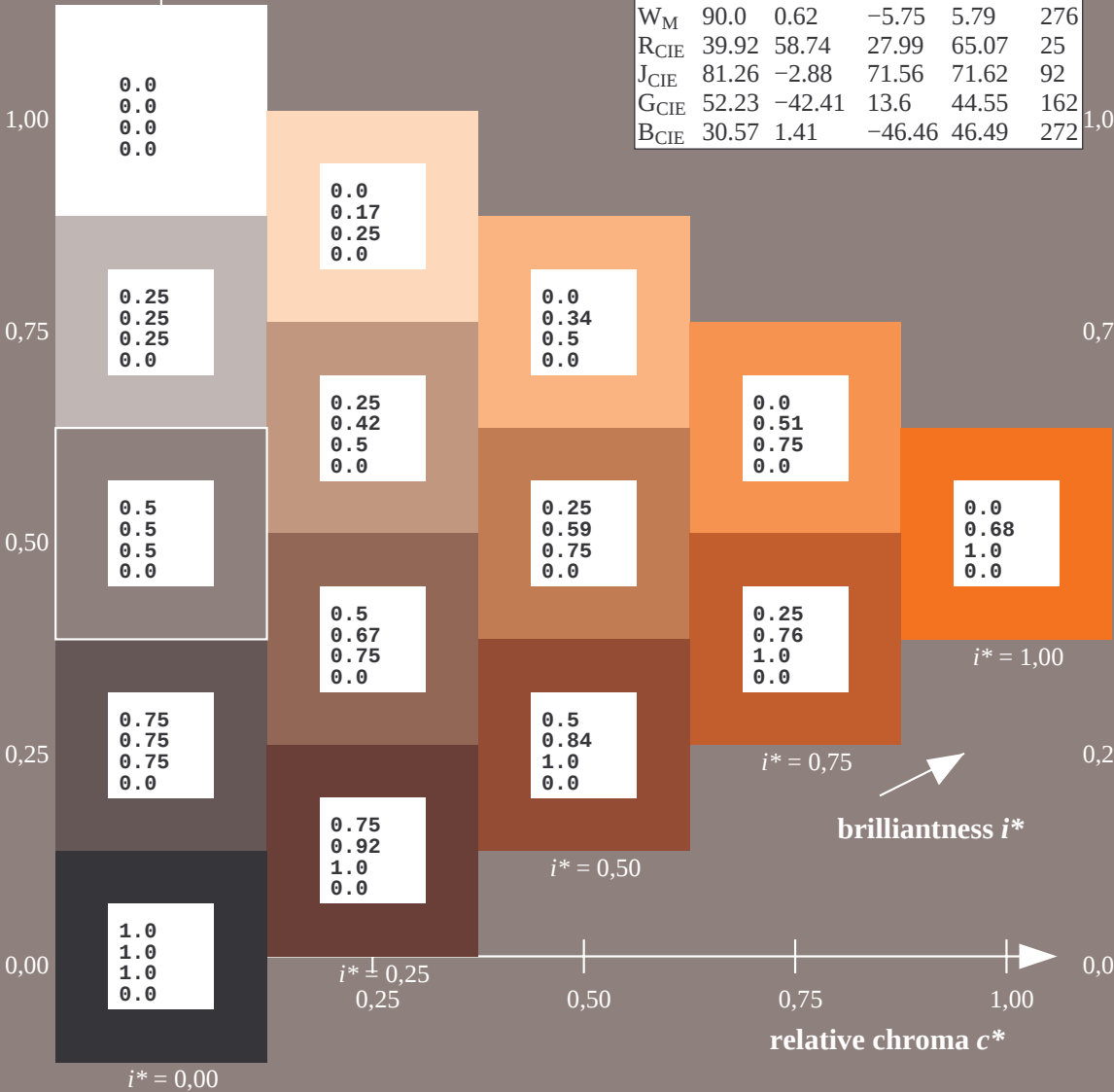
%Regularity

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

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

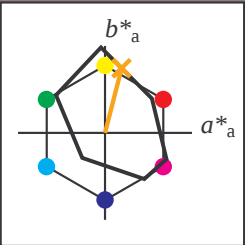
$u^* = r50j$
 LAB^*cmyn^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r75j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

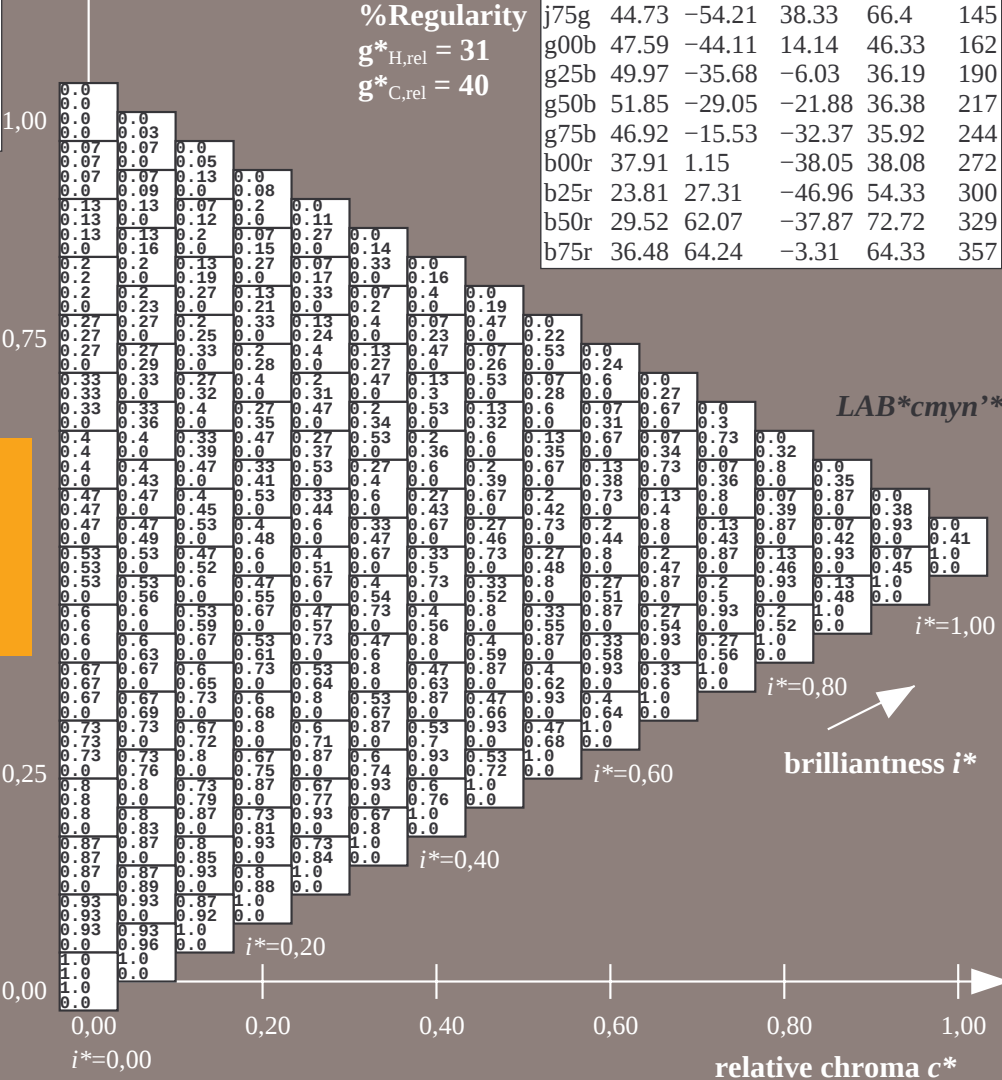
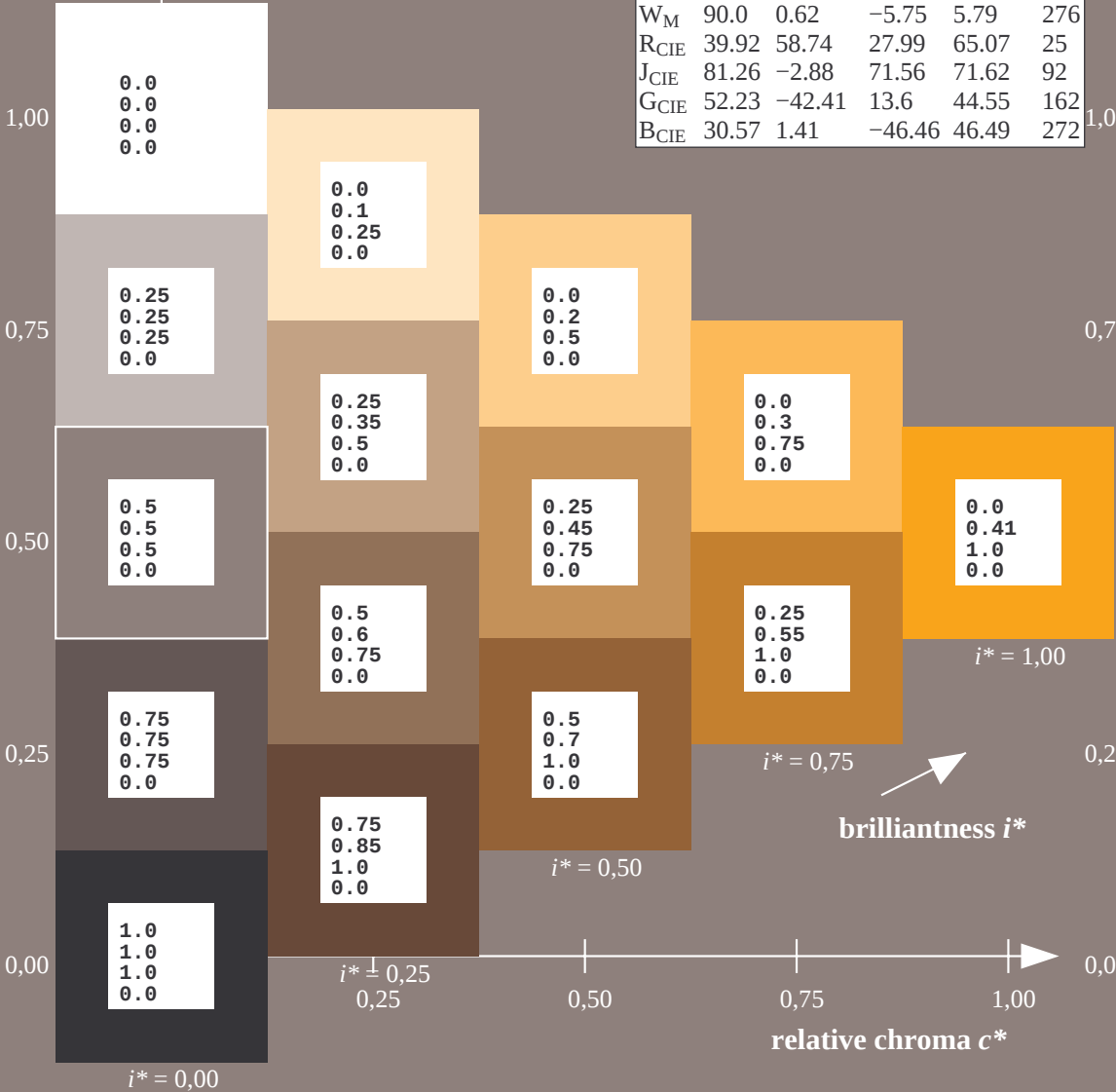


FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_Ma: 64\ 19\ 74$
 $LAB^*LCH^*_Ma: 64\ 77\ 76$
 $lab^*rgb^*_Ma: 1.0\ 0.75\ 0.0$
 $lab^*olv^*_Ma: 1.0\ 0.59\ 0.0$
triangle lightness t^*

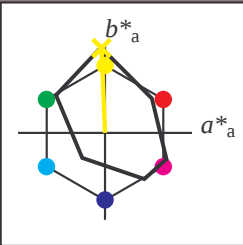
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j00g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

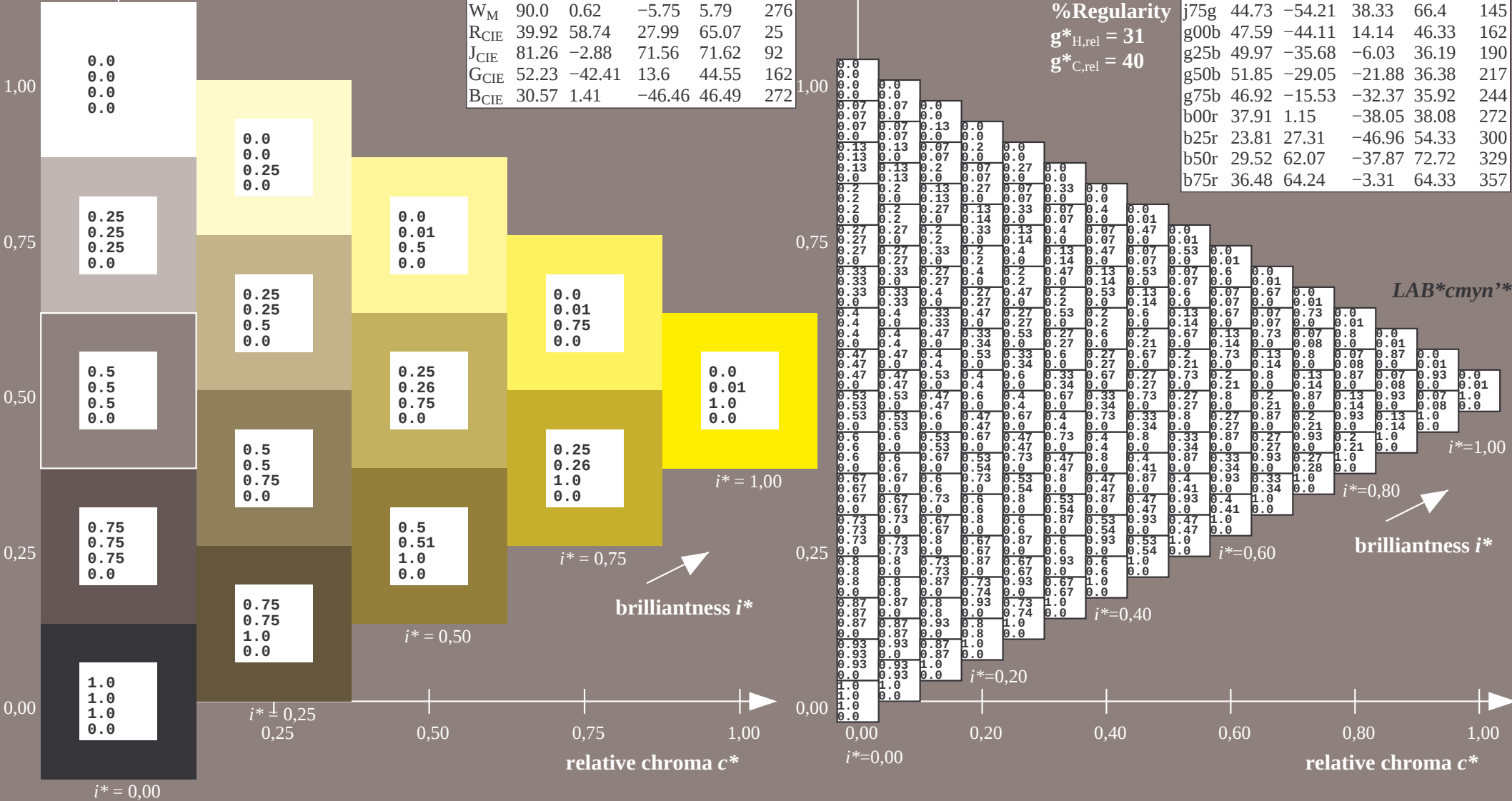


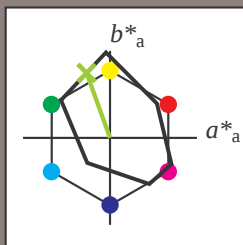
FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_Ma: 83 -3 98$
 $LAB^*LCH^*_Ma: 83 98 92$
 $lab^*rgb^*_Ma: 1.0 1.0 0.0$
 $lab^*olv^*_Ma: 1.0 0.99 0.0$
triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



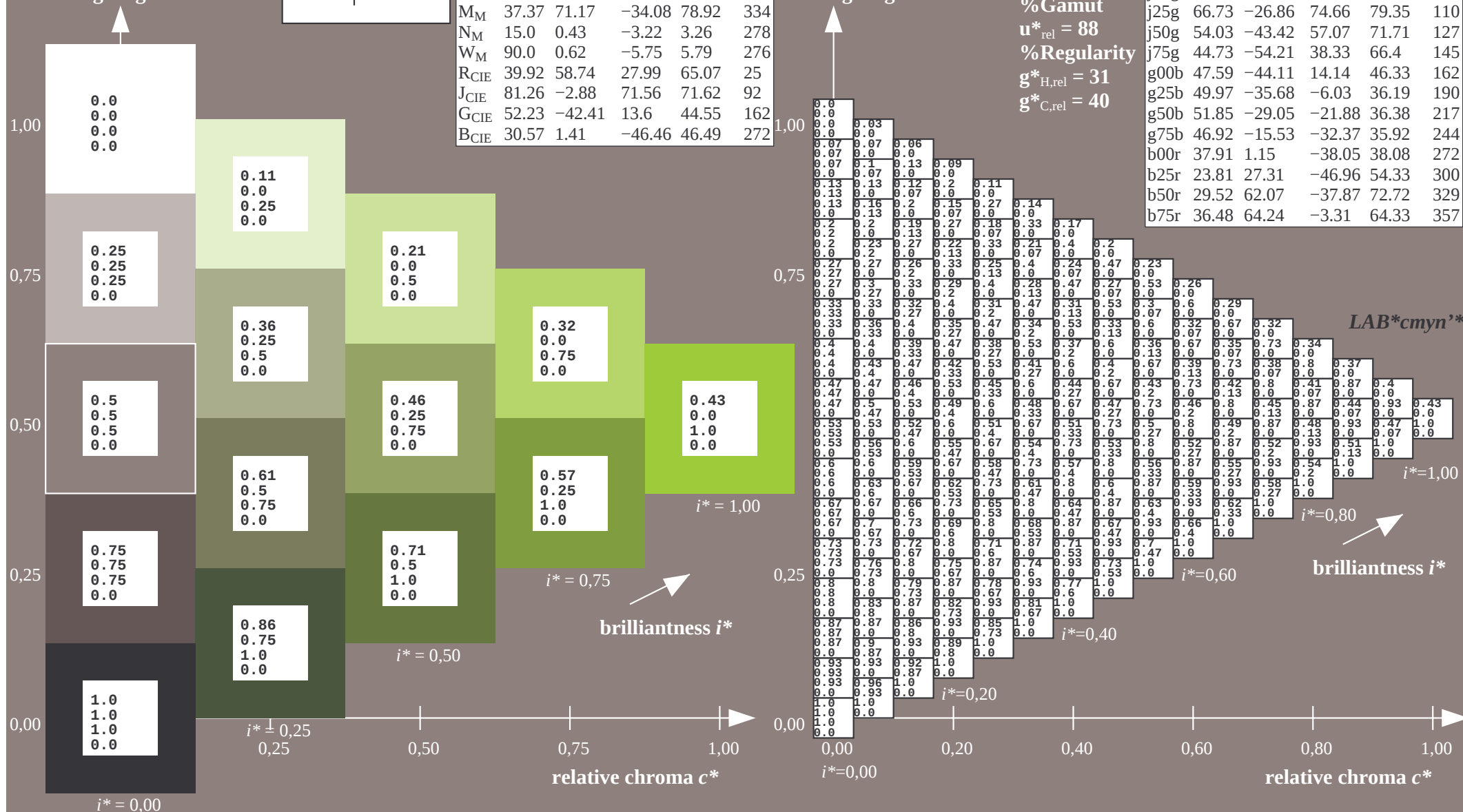
triangle lightness t^* 

FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

triangle lightness t^*

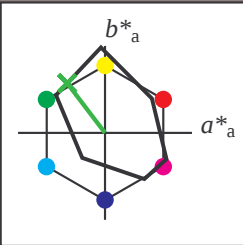
$$g^*_{C,rel} = 40$$

FRS15_90aM; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = j50g$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

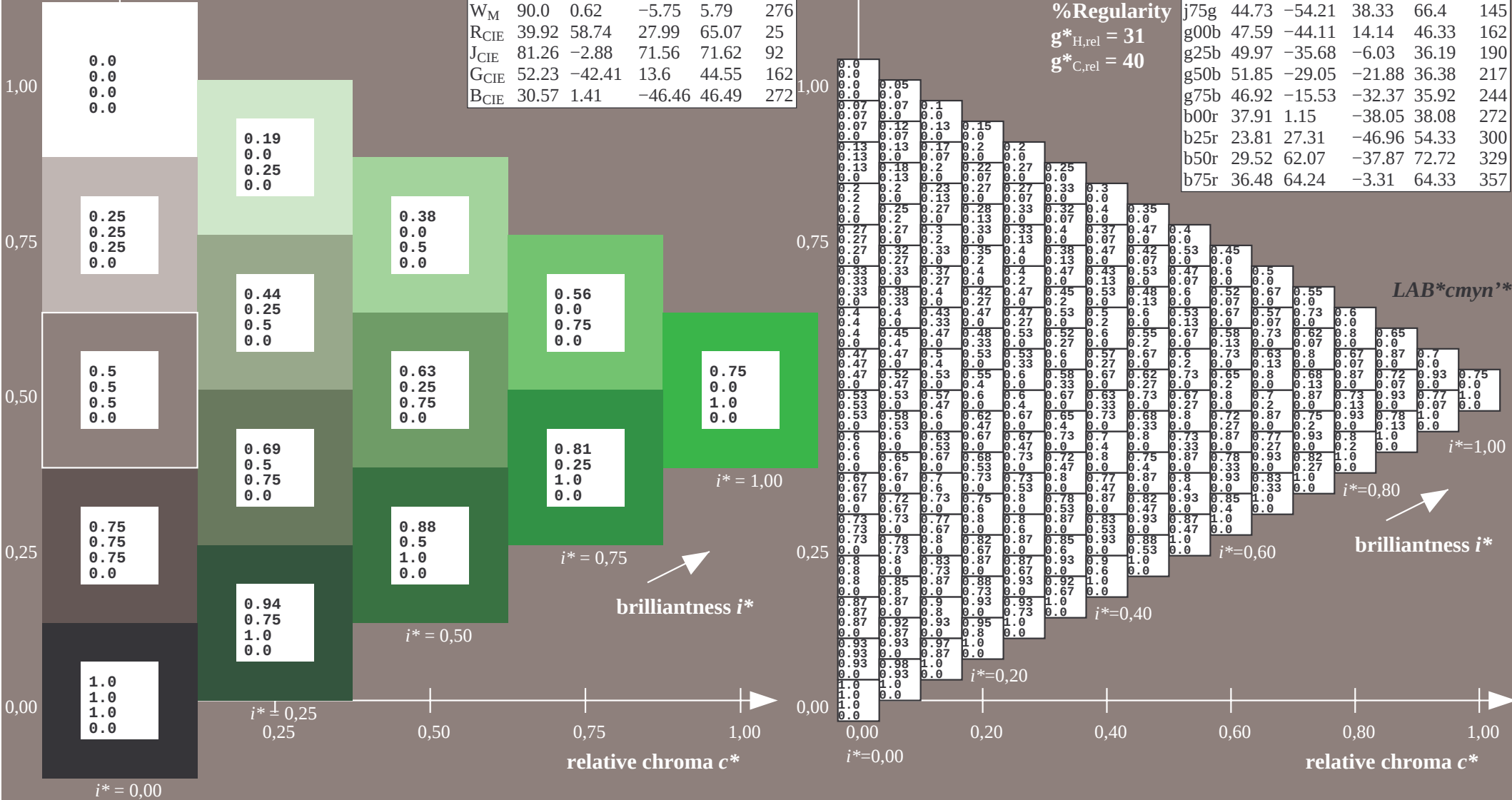


FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 54 -42 57$
 $LAB^*LCH^*_{Ma}: 54 72 127$
 $lab^*rgb^*_{Ma}: 0.5 1.0 0.0$
 $lab^*olv^*_{Ma}: 0.25 1.0 0.0$

$u^* = j50g$
 LAB^*cmyn^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



$u^* = j75g$
 $LAB^*cmyn'^*$

Data for maximum colour (Ma):

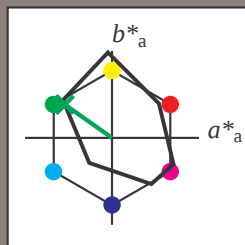
LAB*LAB*Ma: 45 -53 38

*LAB*LCH**_{Ma}: 45 66 145

lab*rqb*_Ma: 0.25 1.0 0.0

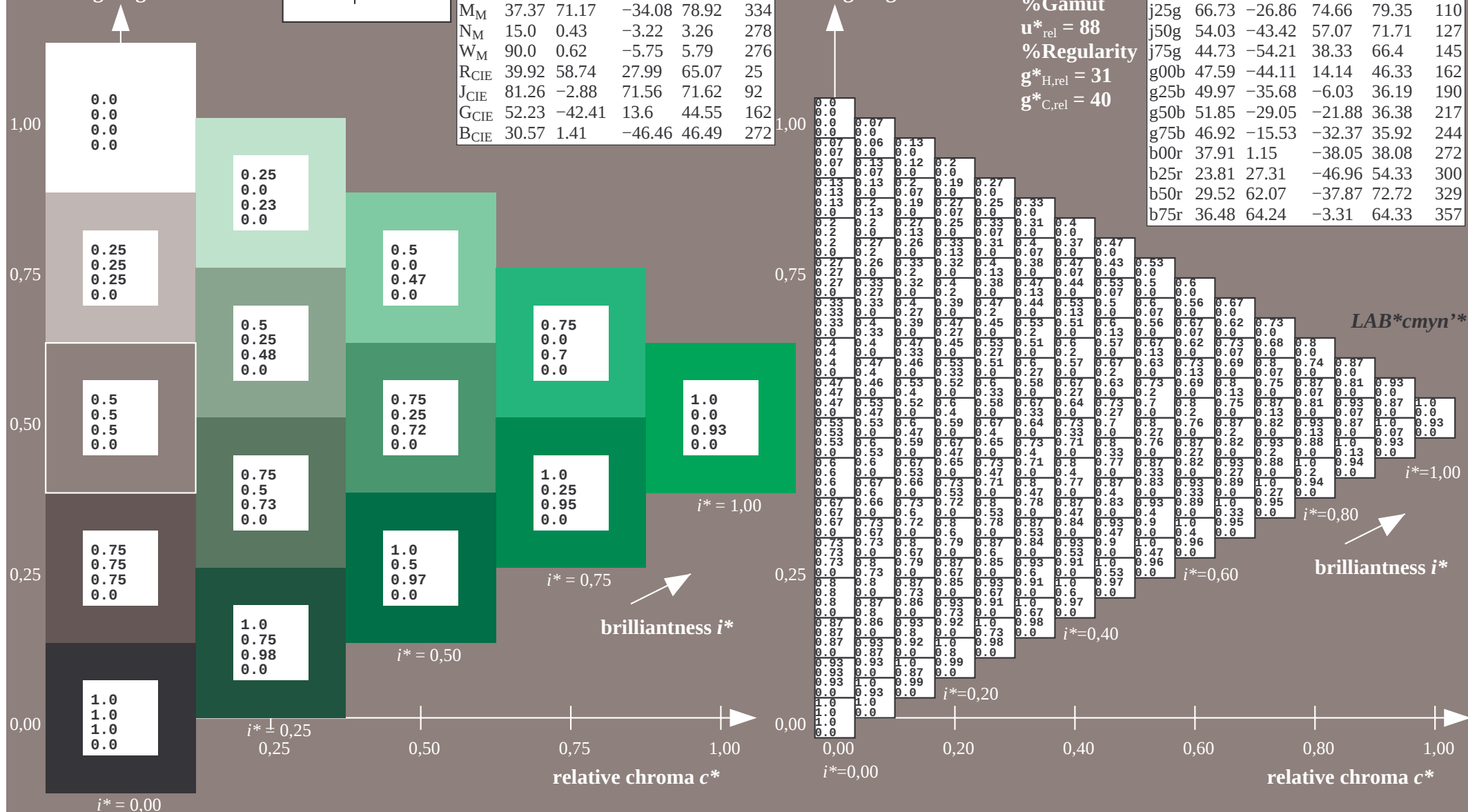
lab*oly*Ma: 0.0 1.0 0.07

triangle lightness t^*

triangle lightness t^* 

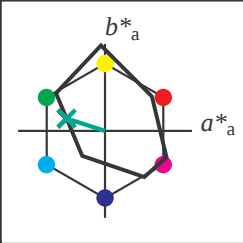
FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIF}	30.57	1.41	-46.46	46.49	272

FRS15_90aM; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g00b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

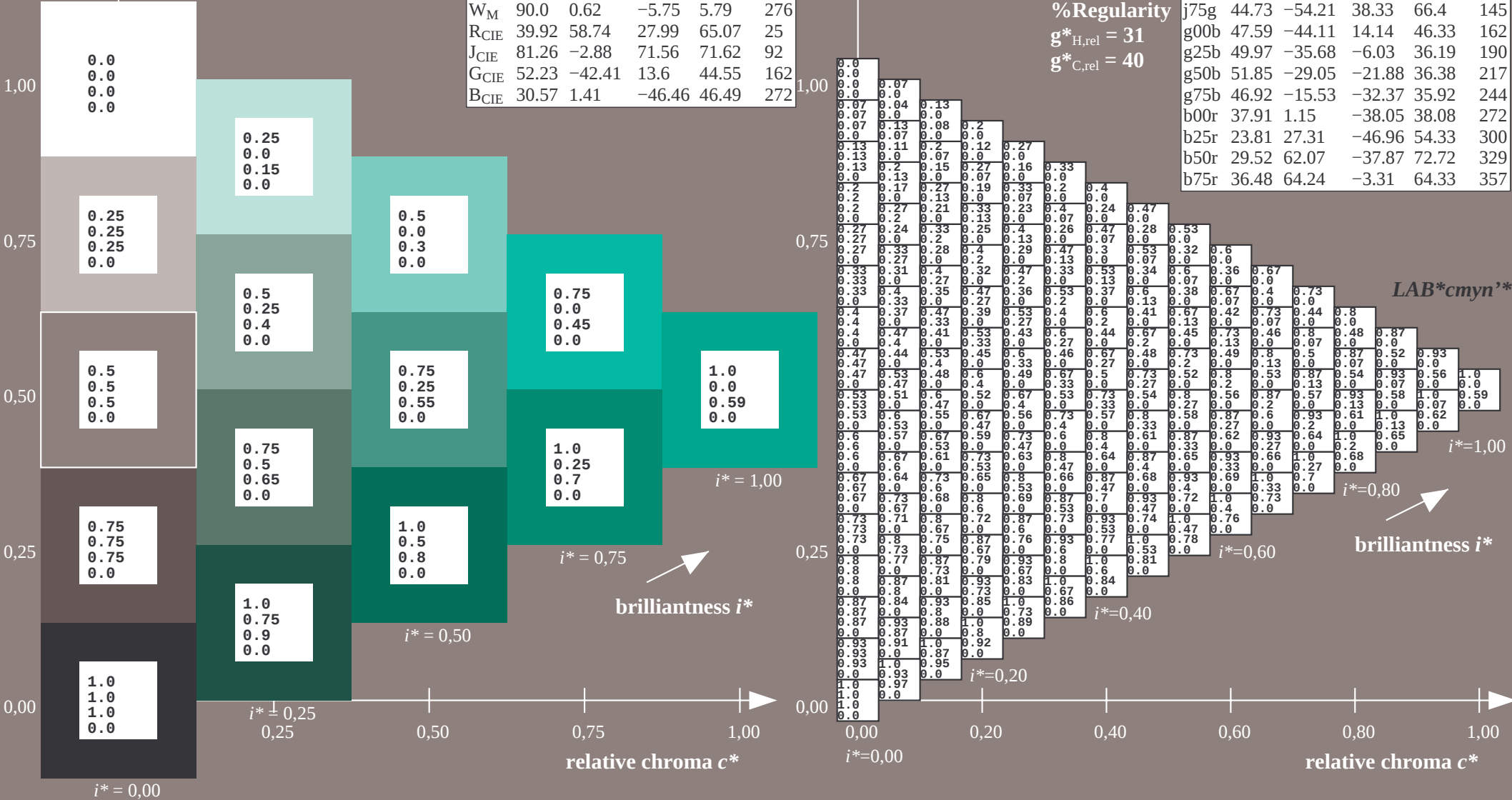


FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_Ma: 48 -43 14$
 $LAB^*LCH^*_Ma: 48 46 162$
 $lab^*rgb^*_Ma: 0.0 1.0 0.0$
 $lab^*olv^*_Ma: 0.0 1.0 0.41$
triangle lightness t^*

%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



LAB*cmyn'*

Data for maximum colour (Ma):

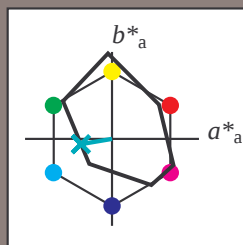
LAB*LAB*Ma: 50 -35 -5

*LAB*LCH**_{Ma}: 50 36 190

***lab*rqb**Ma: 0.0 1.0 0.5**

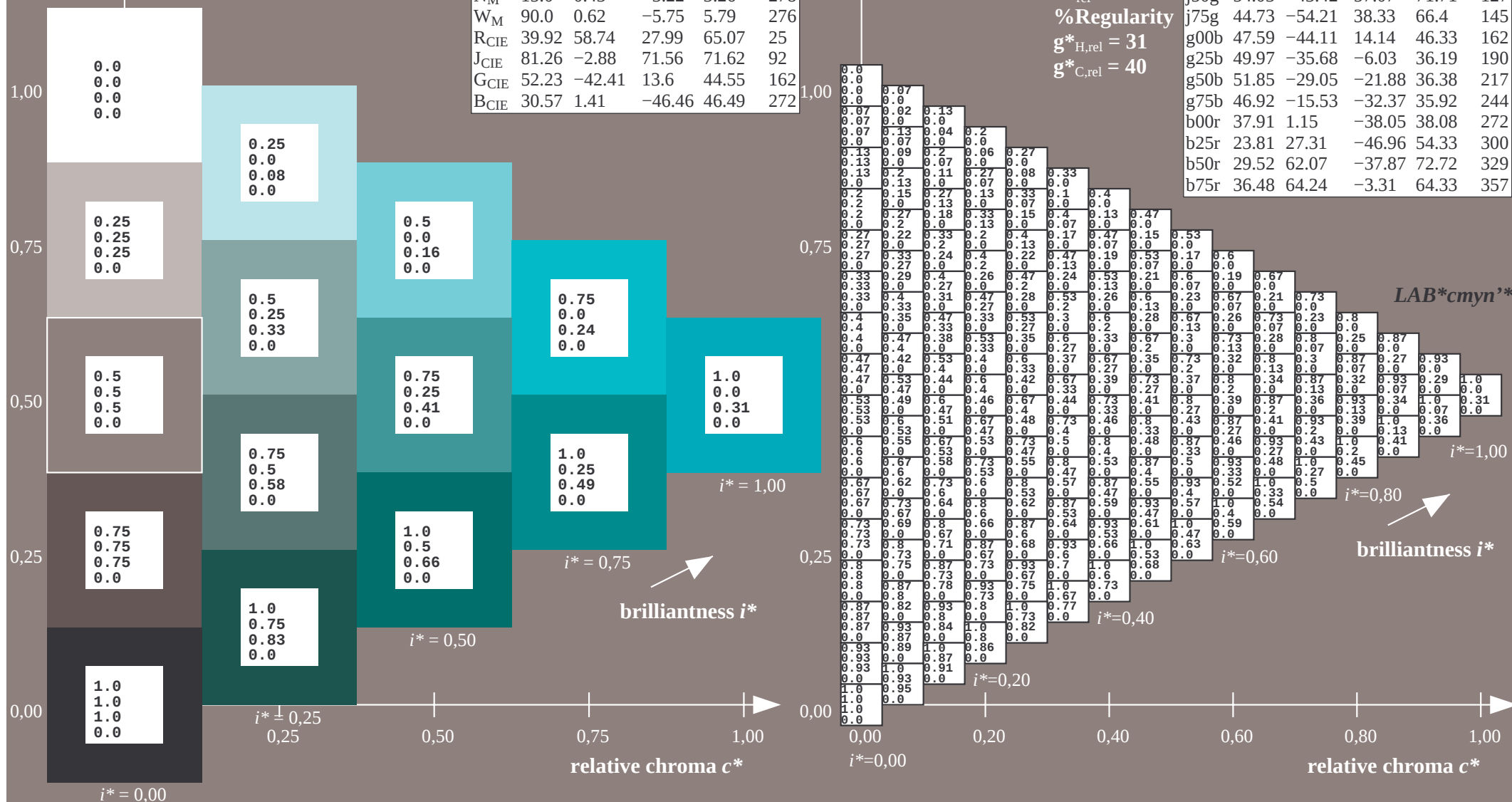
lab*olv*Ma: 0.0 1.0 0.69

triangle lightness t^*

triangle lightness t^* 

FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIF}	30.57	1.41	-46.46	46.49	272

FRS15_90aM; adapted (a) CIELAB data						
	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



*LAB*cmyn'**

Data for maximum colour (Ma):

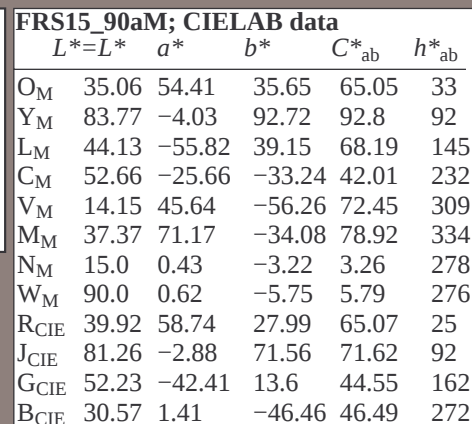
*LAB*LAB**_{Ma}: 52 -28 -21

LAB*LCH*_{Ma}: 52 36 217

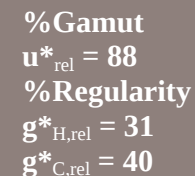
*lab*rgb*_Ma: 0.0 1.0 1.0*

lab*olv*_Ma: 0.0 1.0 0.9

triangle lightness t^*

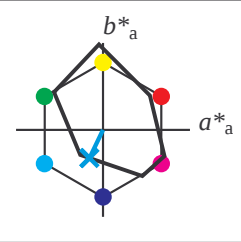


FRS15_90aM; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	35.47	56.92	27.12	63.05	25	
r25j	39.12	49.04	44.45	66.19	42	
r50j	50.64	35.19	58.33	68.13	59	
r75j	64.01	19.11	74.45	76.87	76	
j00g	83.18	-3.93	97.56	97.64	92	
j25g	66.73	-26.86	74.66	79.35	110	
j50g	54.03	-43.42	57.07	71.71	127	
j75g	44.73	-54.21	38.33	66.4	145	
g00b	47.59	-44.11	14.14	46.33	162	
g25b	49.97	-35.68	-6.03	36.19	190	
g50b	51.85	-29.05	-21.88	36.38	217	
g75b	46.92	-15.53	-32.37	35.92	244	
b00r	37.91	1.15	-38.05	38.08	272	
b25r	23.81	27.31	-46.96	54.33	300	
b50r	29.52	62.07	-37.87	72.72	329	
b75r	36.48	64.24	-3.31	64.33	357	



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g75b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

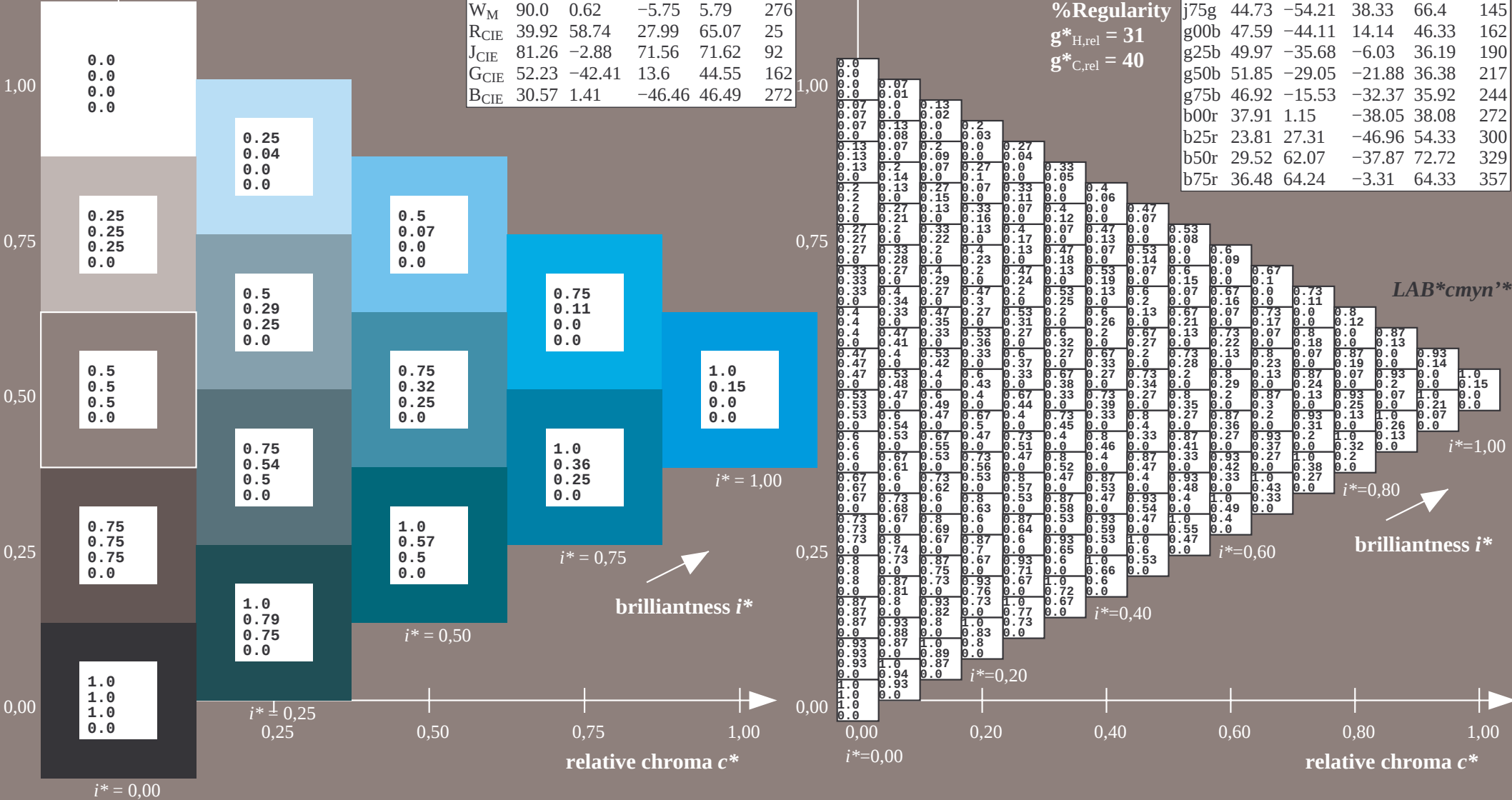


FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):
 $LAB^*LAB^*_Ma: 47 \ -15 \ -31$
 $LAB^*LCH^*_Ma: 47 \ 36 \ 244$
 $lab^*rgb^*_Ma: 0.0 \ 0.5 \ 1.0$
 $lab^*olv^*_Ma: 0.0 \ 0.85 \ 1.0$

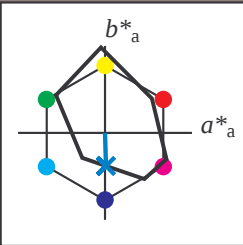
$u^* = g75b$
 LAB^*cmyn^*

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b00r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	35.06	54.41	35.65	65.05	33
Y_M	83.77	-4.03	92.72	92.8	92
L_M	44.13	-55.82	39.15	68.19	145
C_M	52.66	-25.66	-33.24	42.01	232
V_M	14.15	45.64	-56.26	72.45	309
M_M	37.37	71.17	-34.08	78.92	334
N_M	15.0	0.43	-3.22	3.26	278
W_M	90.0	0.62	-5.75	5.79	276
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma: 38 \ 1 \ -37$

$LAB^*LCH^*_Ma: 38 \ 38 \ 272$

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

$lab^*olv^*_Ma: 0.0 \ 0.62 \ 1.0$

triangle lightness t^*

%Gamut

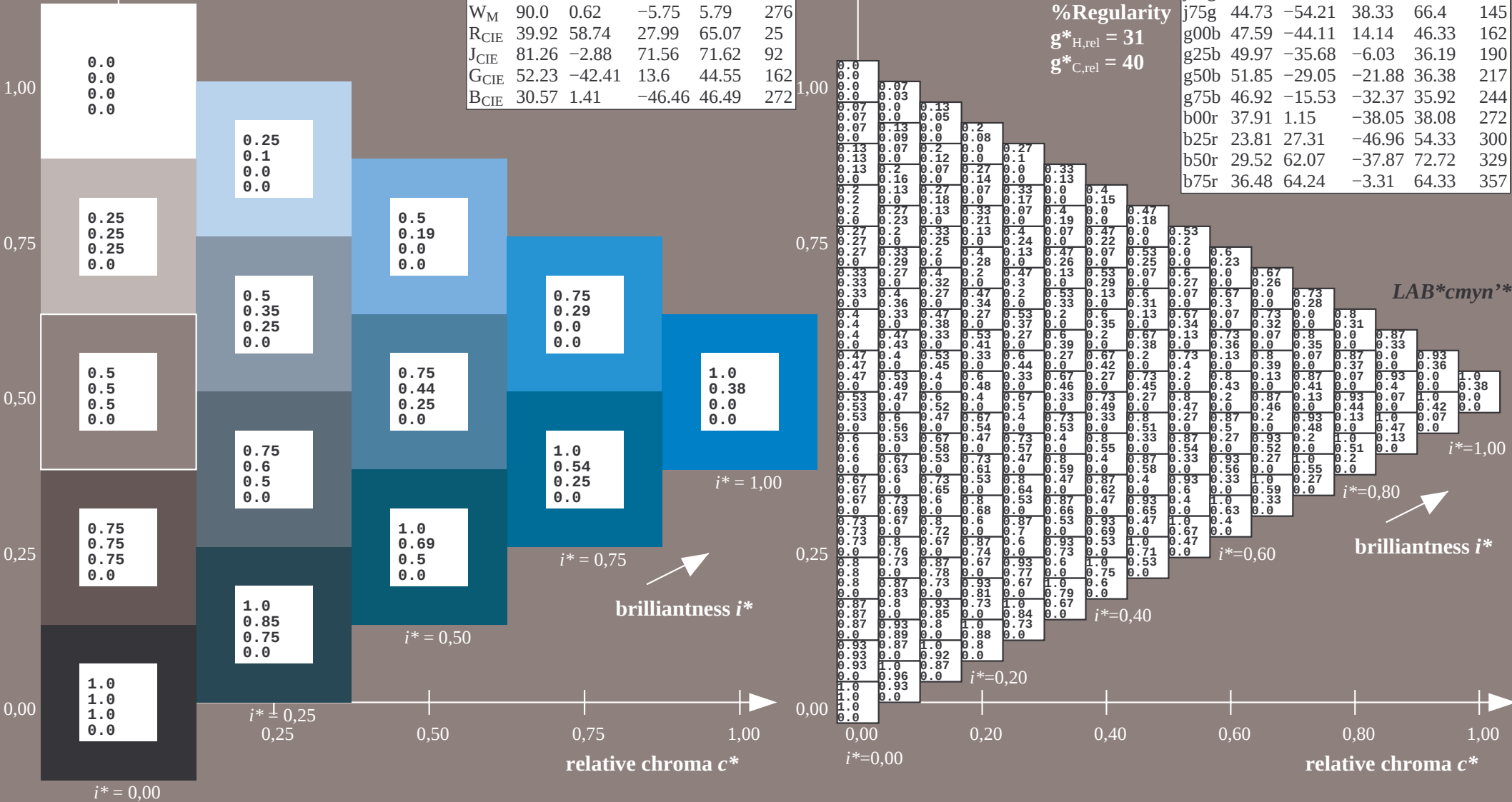
$u^*_{rel} = 88$

%Regularity

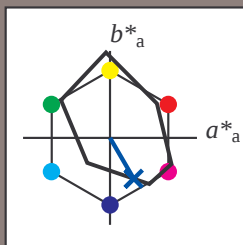
$g^*_{H,rel} = 31$

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

FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.21	38.33	66.4	145
g00b	47.59	-44.11	14.14	46.33	162
g25b	49.97	-35.68	-6.03	36.19	190
g50b	51.85	-29.05	-21.88	36.38	217
g75b	46.92	-15.53	-32.37	35.92	244
b00r	37.91	1.15	-38.05	38.08	272
b25r	23.81	27.31	-46.96	54.33	300
b50r	29.52	62.07	-37.87	72.72	329
b75r	36.48	64.24	-3.31	64.33	357

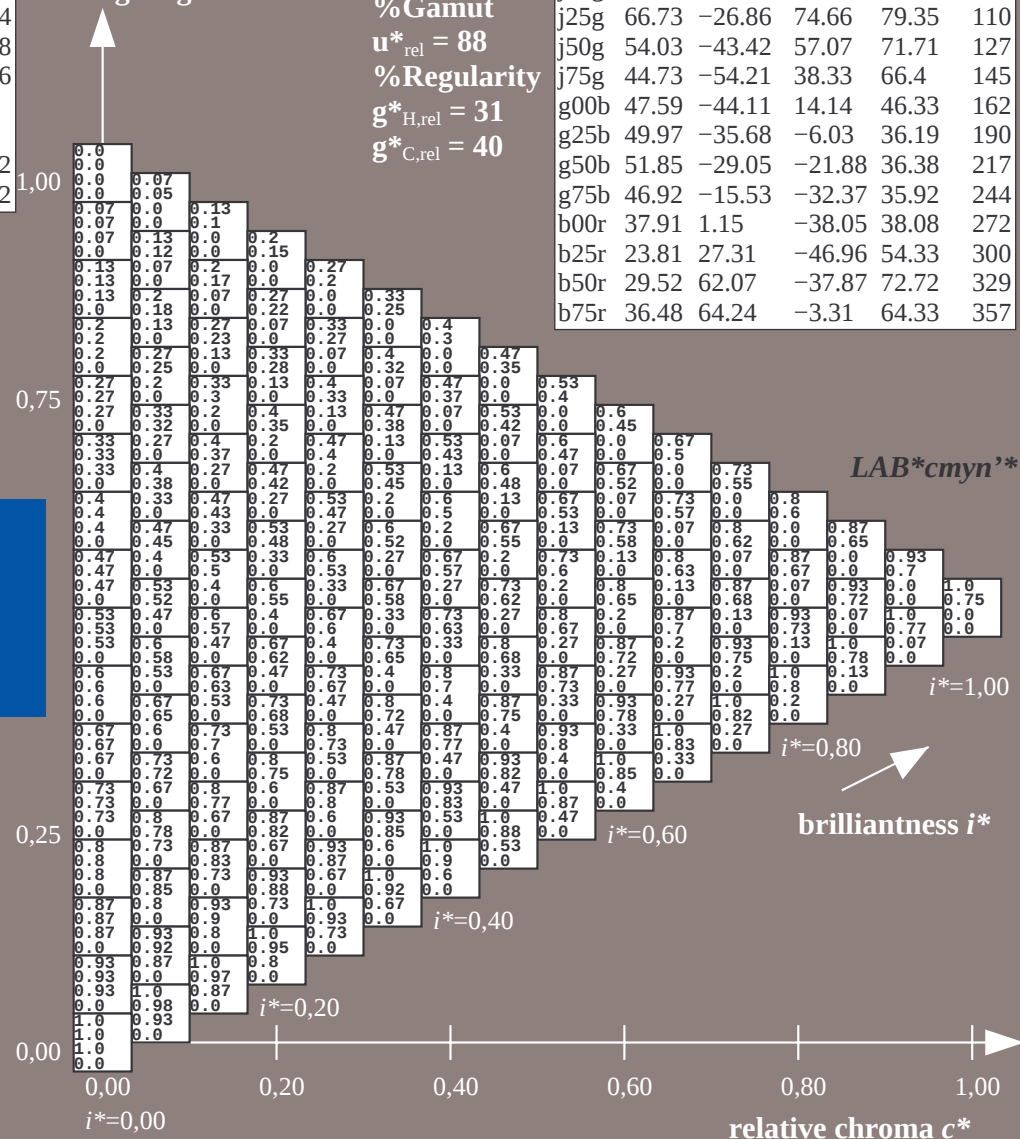


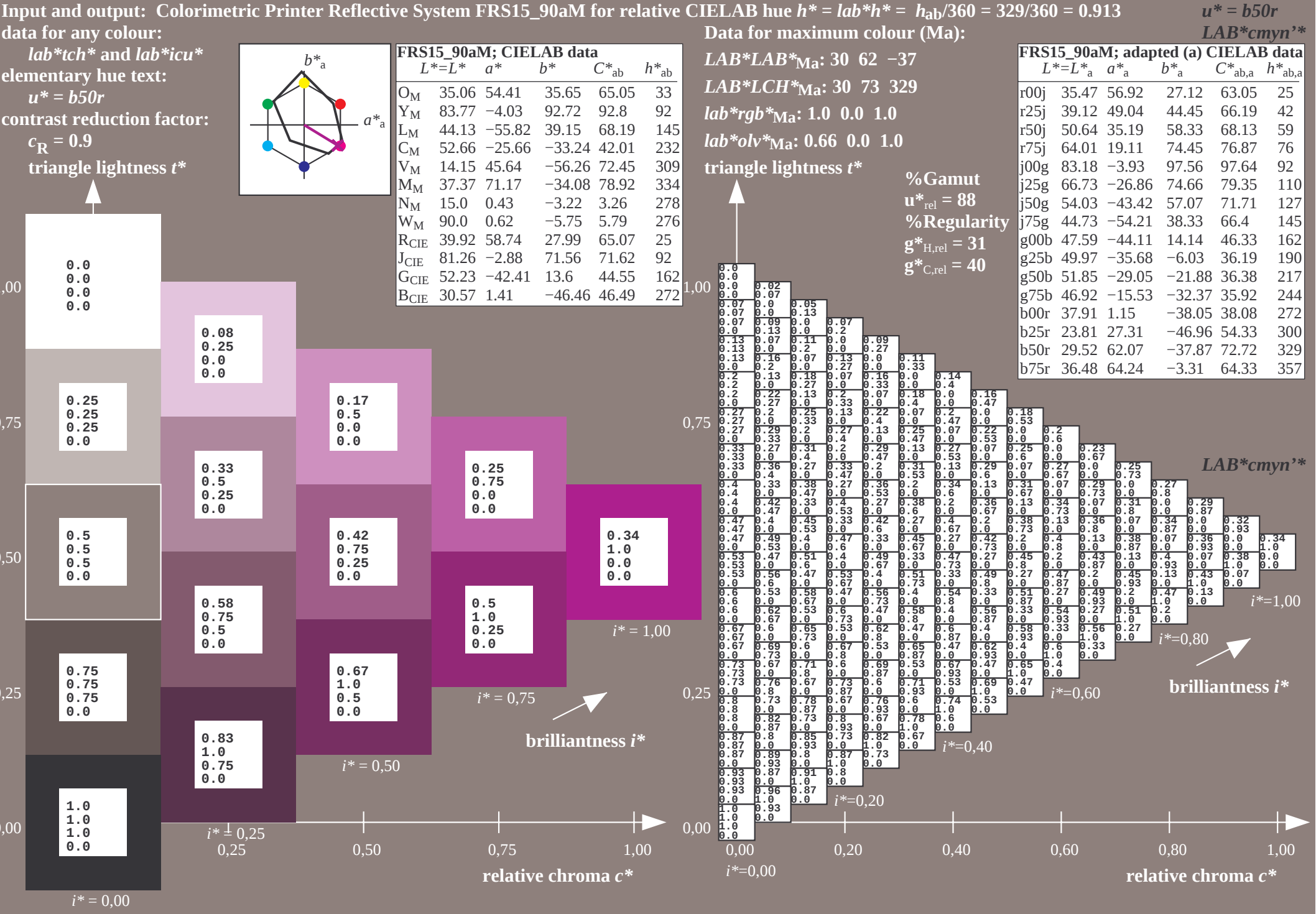
triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	0.62	-5.75	5.79	276
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

triangle lightness t^*

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




brilliantness i^*

$i^* = 0,00$

$i^* = 0,25$

$i^* = 0,50$

$i^* = 0,75$

$i^* = 1,00$

relative chroma c^*

0,00 0,25 0,50 0,75 1,00

brilliantness i^*

$i^* = 0,00$

$i^* = 0,20$

$i^* = 0,40$

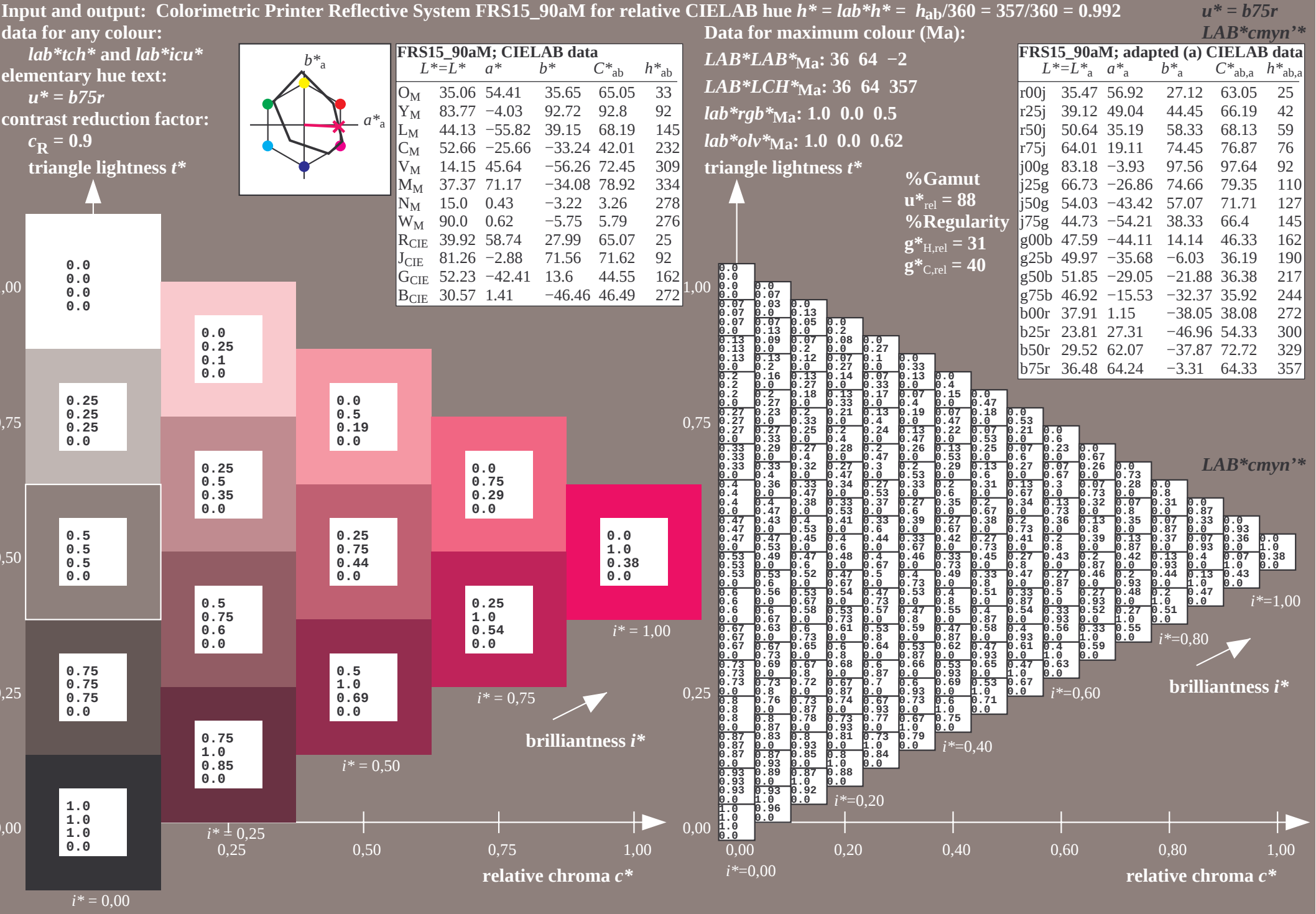
$i^* = 0,60$

$i^* = 0,80$

$i^* = 1,00$

relative chroma c^*

0,00 0,20 0,40 0,60 0,80 1,00



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	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*cmyn'
01	00																																					