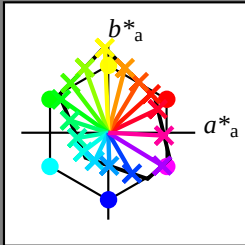


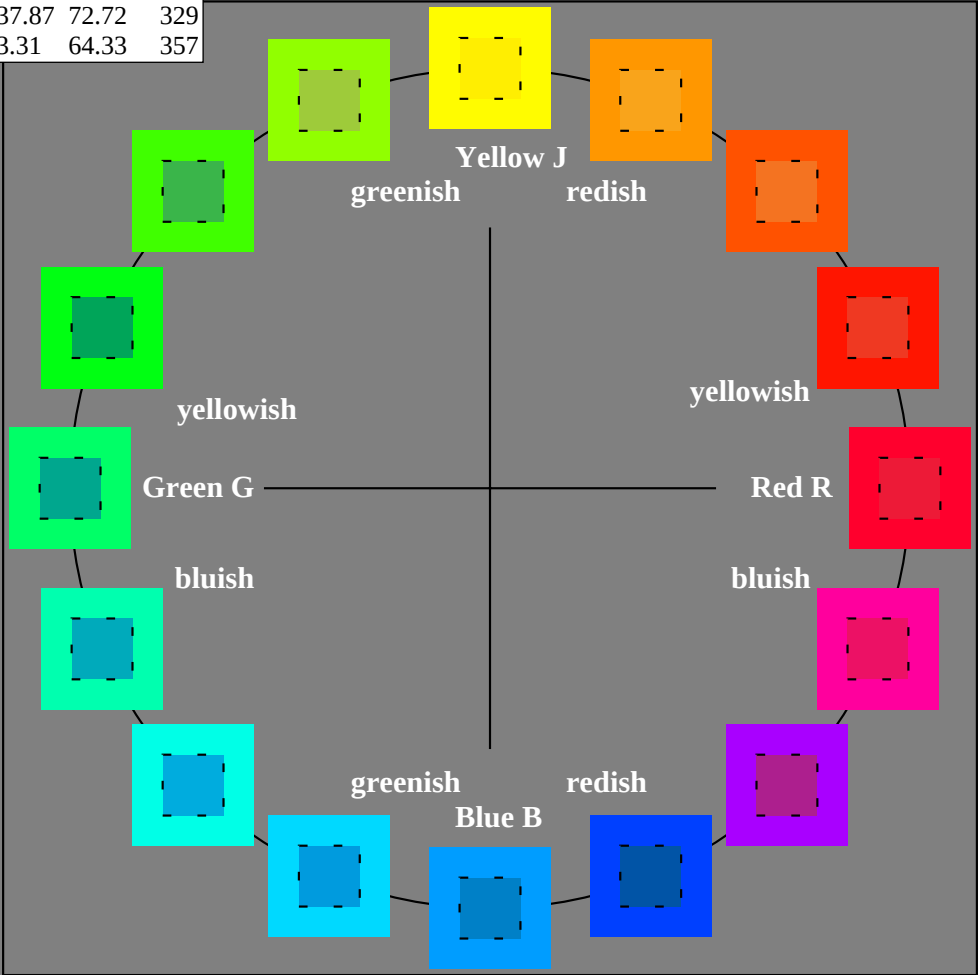
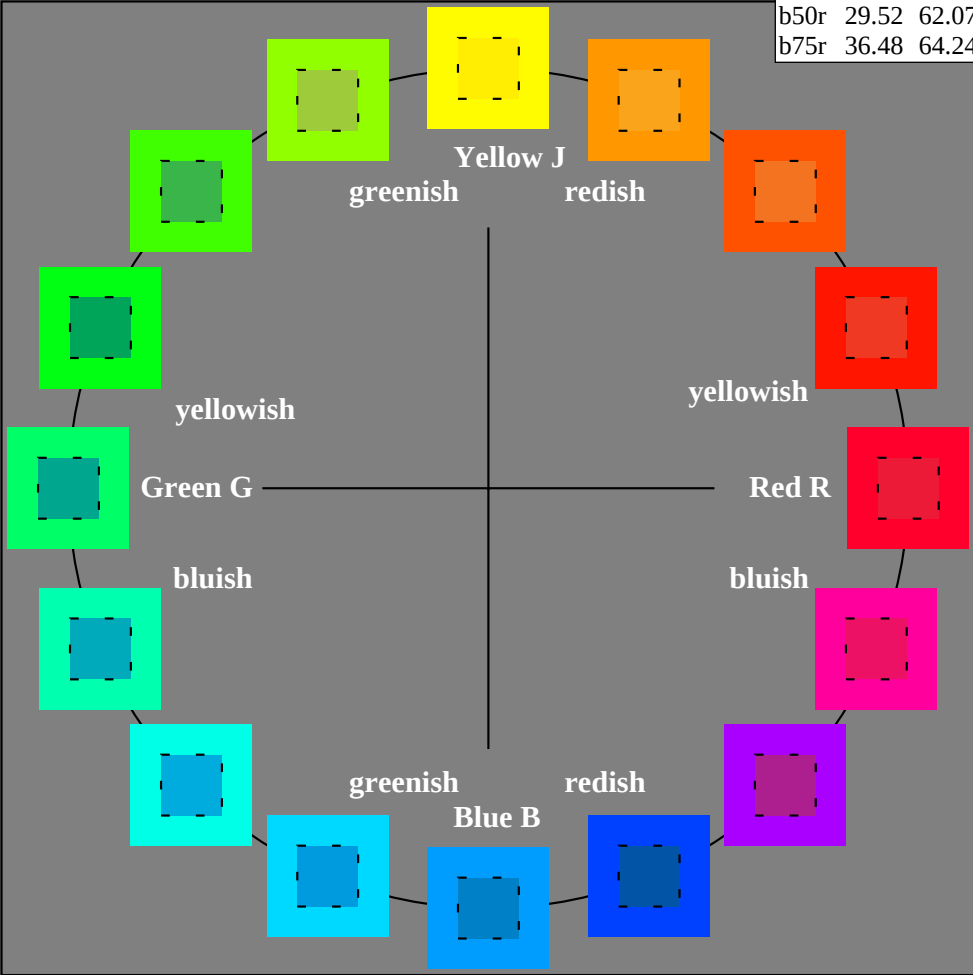
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
u = 16 hues r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 0.9

FRS15_90aM; adapted (a) CIELAB data					
	<i>L* = L_a</i>	<i>a_a</i>	<i>b_a</i>	<i>C_{ab,a}</i>	<i>h_{ab,a}</i>
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



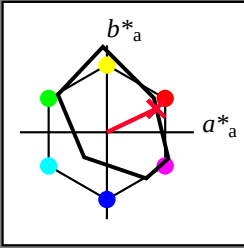
%Gamut
u_{rel} = 88
%Regularity
g_{H,rel} = 31
g_{C,rel} = 40

FRS15_90aM; adapted (a) CIELAB data					
	<i>L* = L_a</i>	<i>a_a</i>	<i>b_a</i>	<i>C_{ab,a}</i>	<i>h_{ab,a}</i>
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^*ich^* 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

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^*

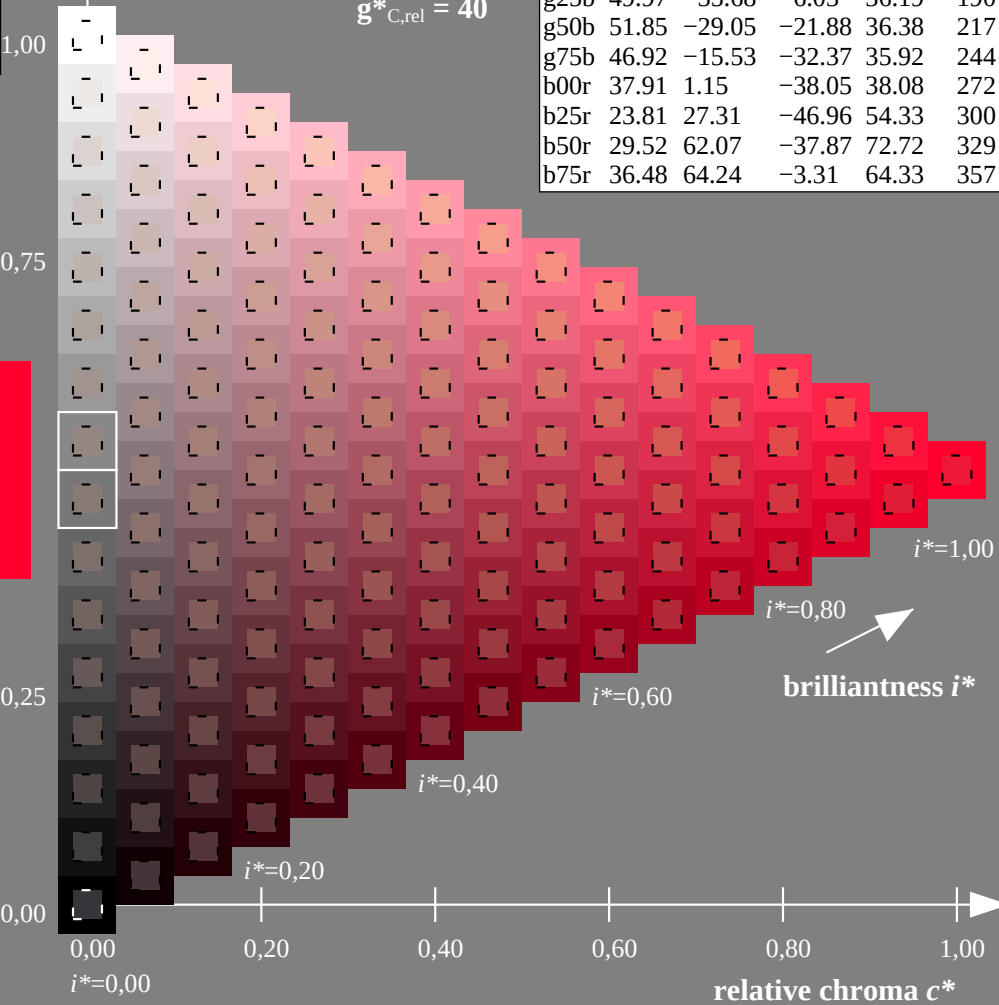
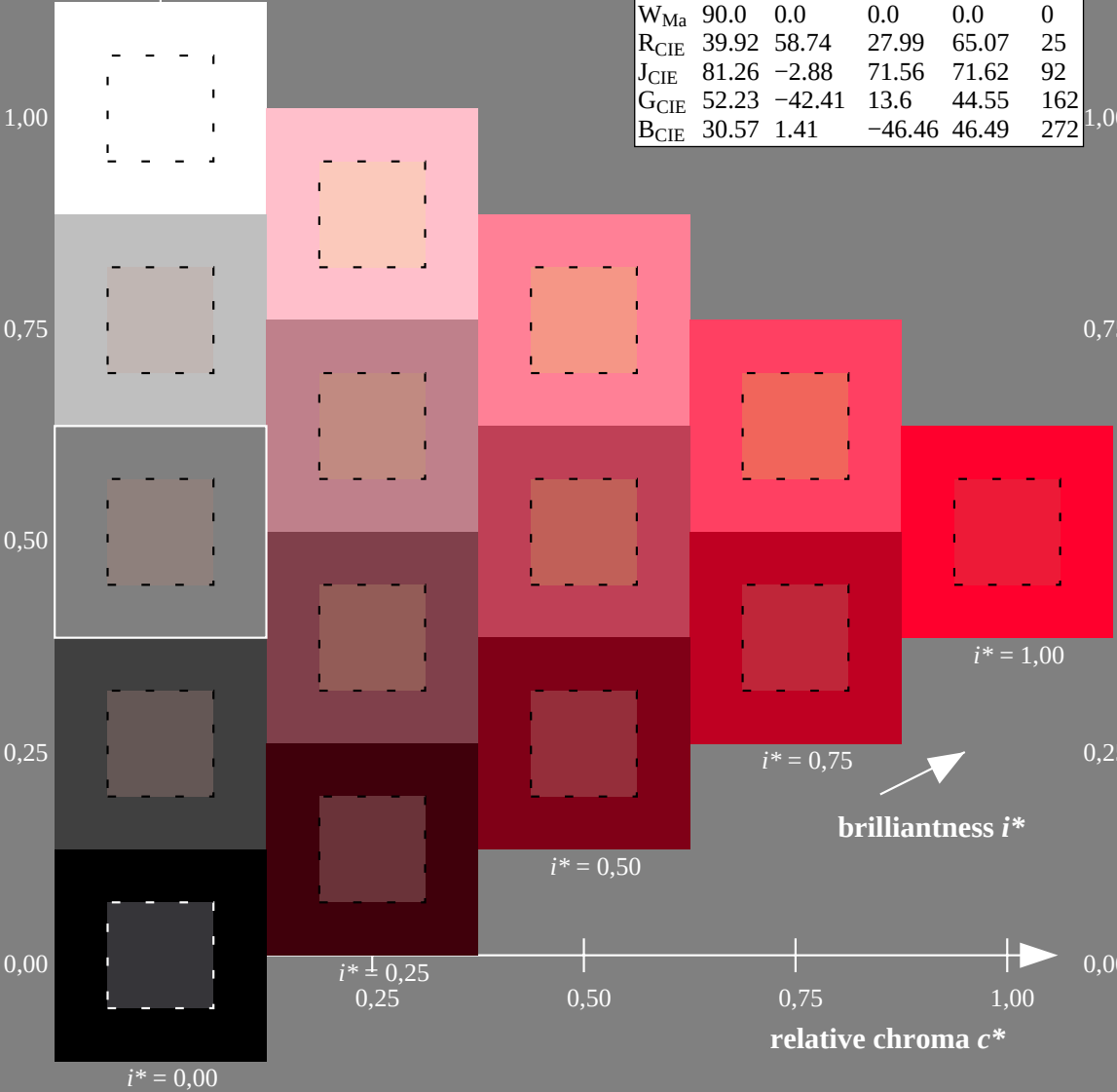
% Gamut

$u^*_{rel} = 88$

% Regularity

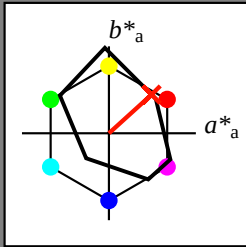
$g^*_{H,rel} = 31$

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



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

lab^*ich^* 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

triangle lightness t^*

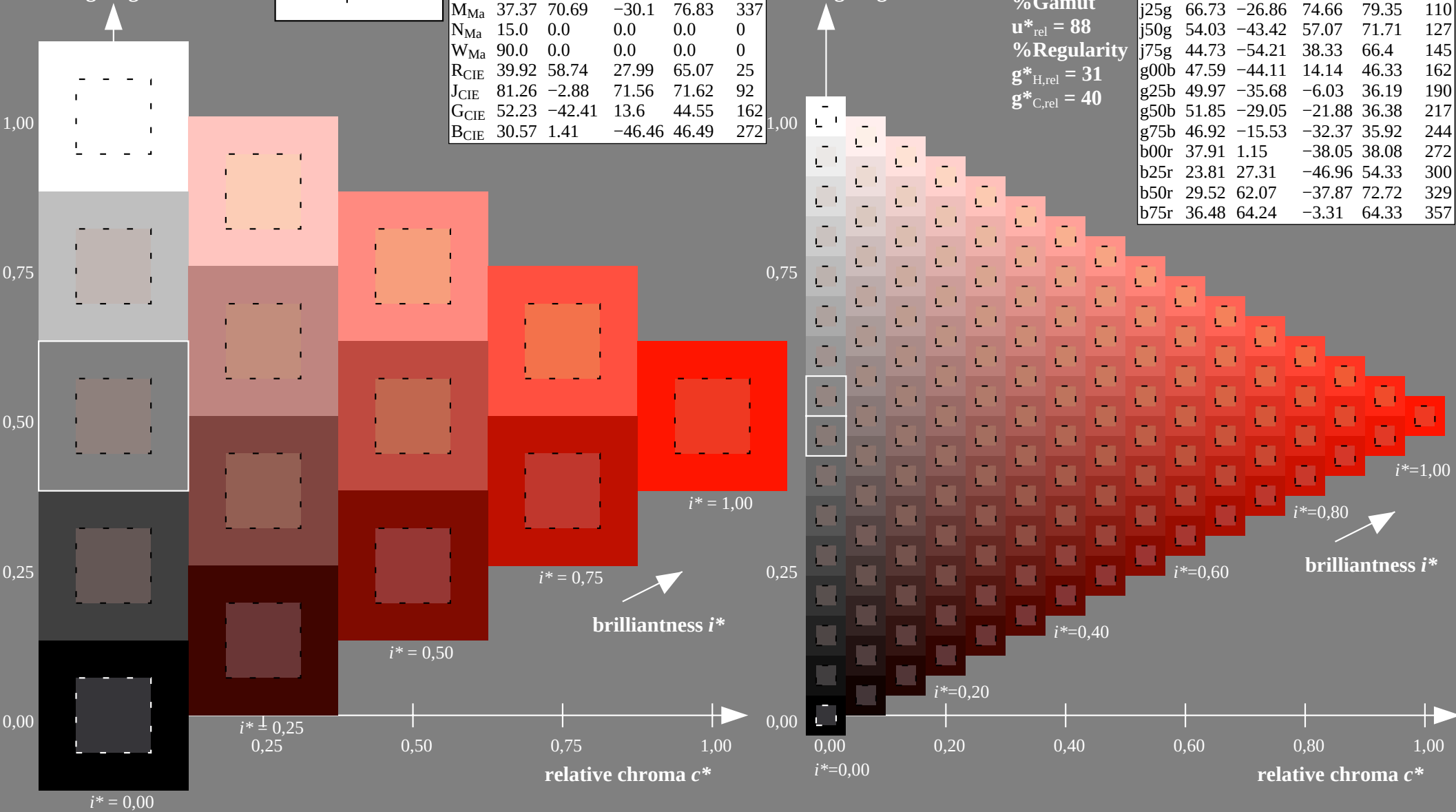
% Gamut

$u^*_{rel} = 88$

% Regularity

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

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



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

$u^* = r50j$

data for any colour:

lab^*ich^* and lab^*icu^*

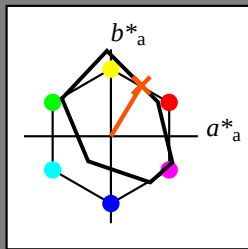
elementary hue text:

$u^* = r50j$

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^*

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

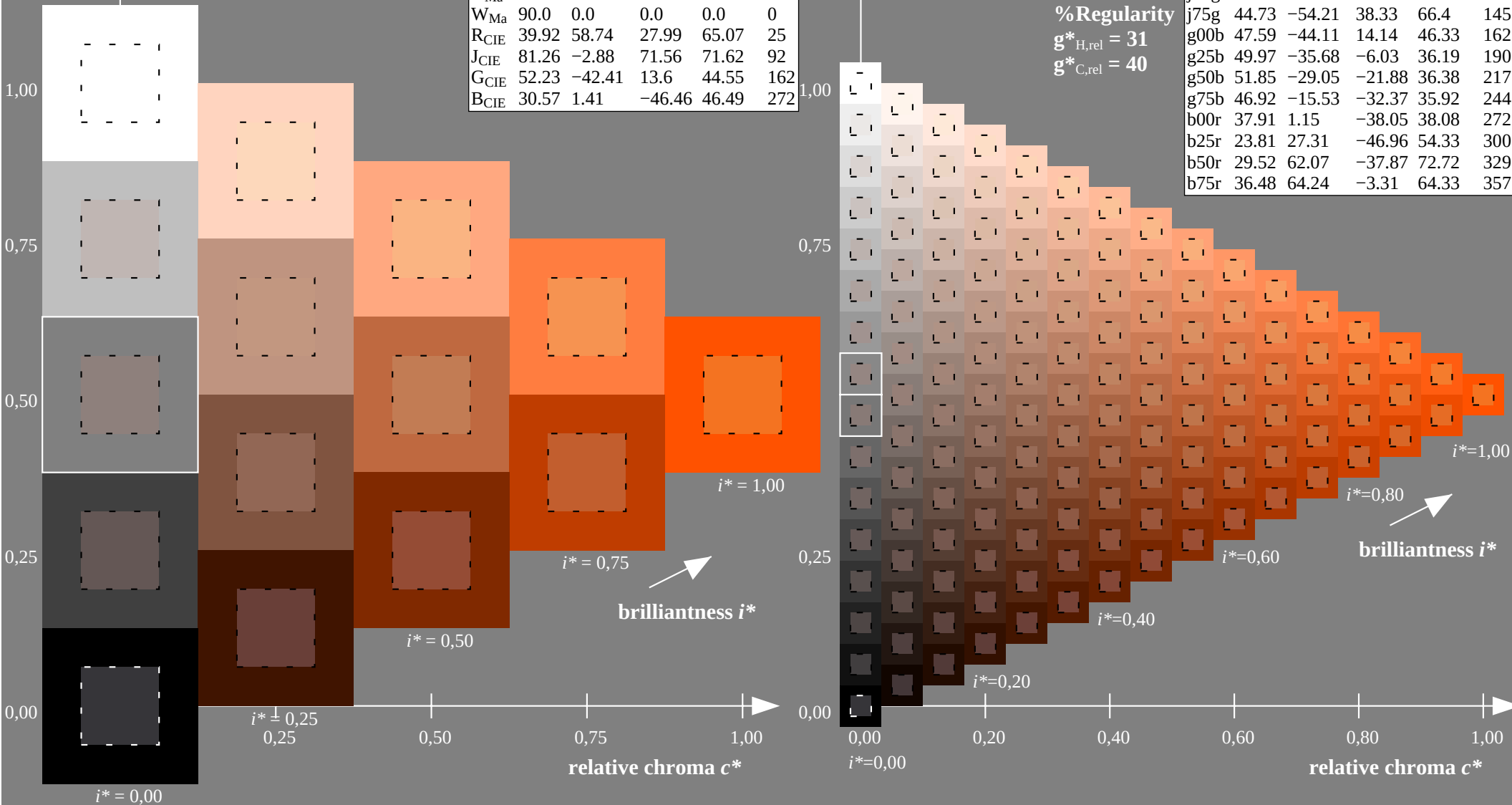
%Gamut

$u^*_{rel} = 88$

%Regularity

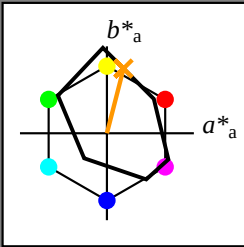
$g^*_{H,rel} = 31$

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



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

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



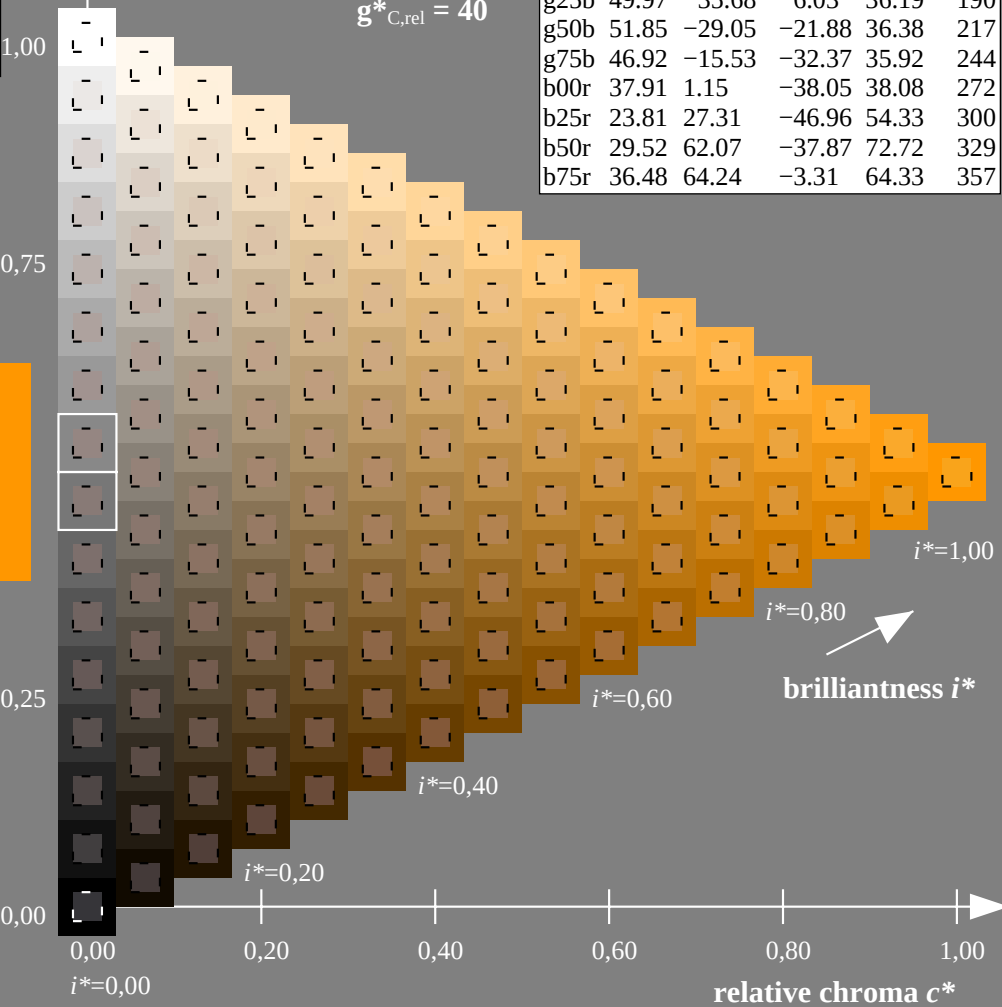
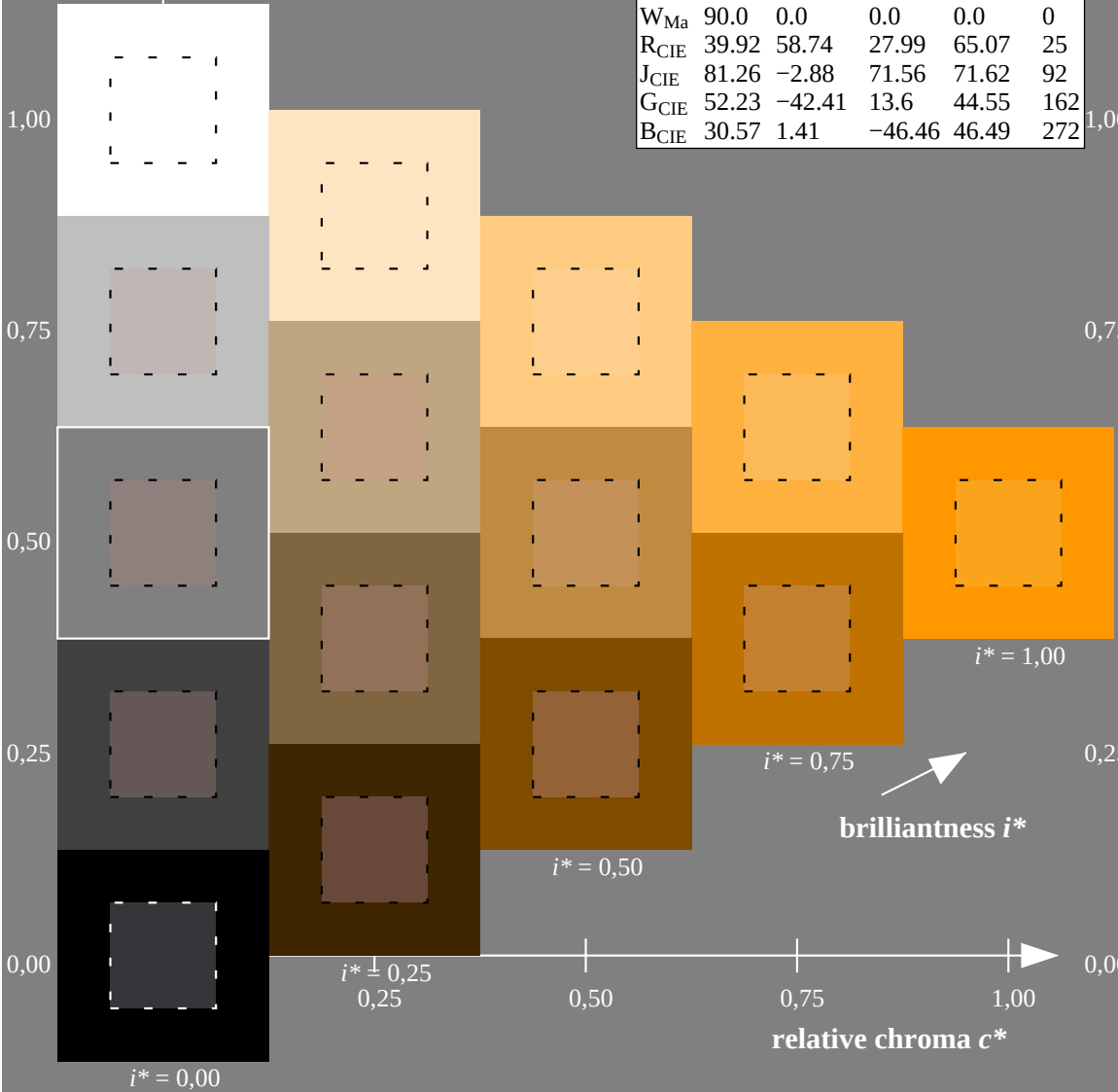
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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):

$LAB \cdot LAB \cdot Ma$: 64 19 74
 $LAB \cdot LCH \cdot Ma$: 64 77 76
 $lab \cdot rgb \cdot Ma$: 1.0 0.75 0.0
 $lab \cdot olv \cdot Ma$: 1.0 0.59 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

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 $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

$u^* = j00g$

data for any colour:

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

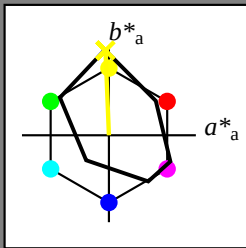
elementary hue text:

$u^* = j00g$

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^*

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

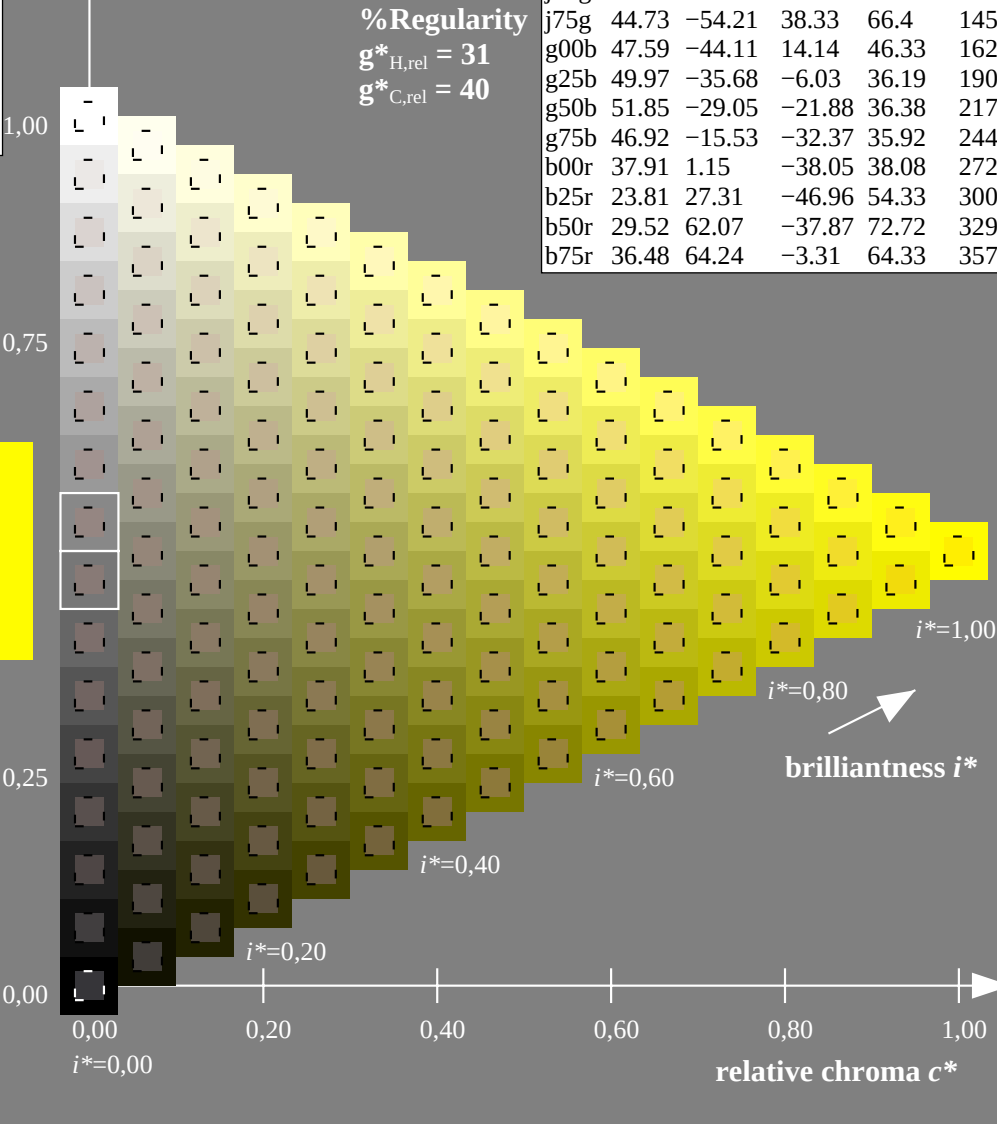
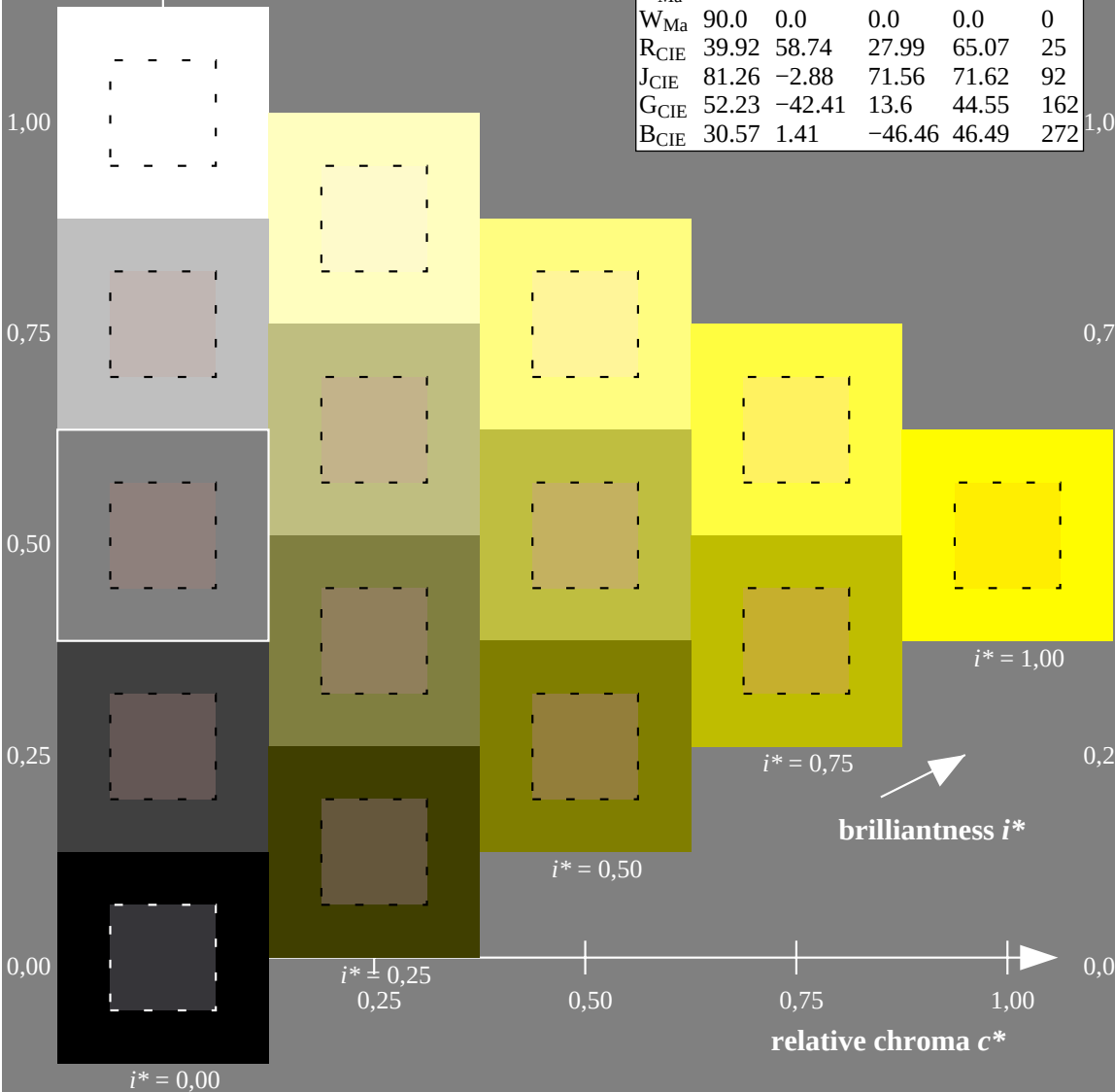
% Gamut

$u^*_{rel} = 88$

% Regularity

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

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



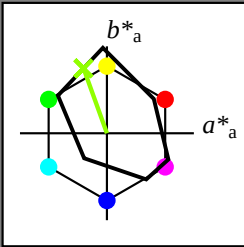
Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
data for any colour:

$u^* = j25g$

contrast reduction factor:
 $c_R = 0.9$

triangle lightness t^*

$u^* = j25g$

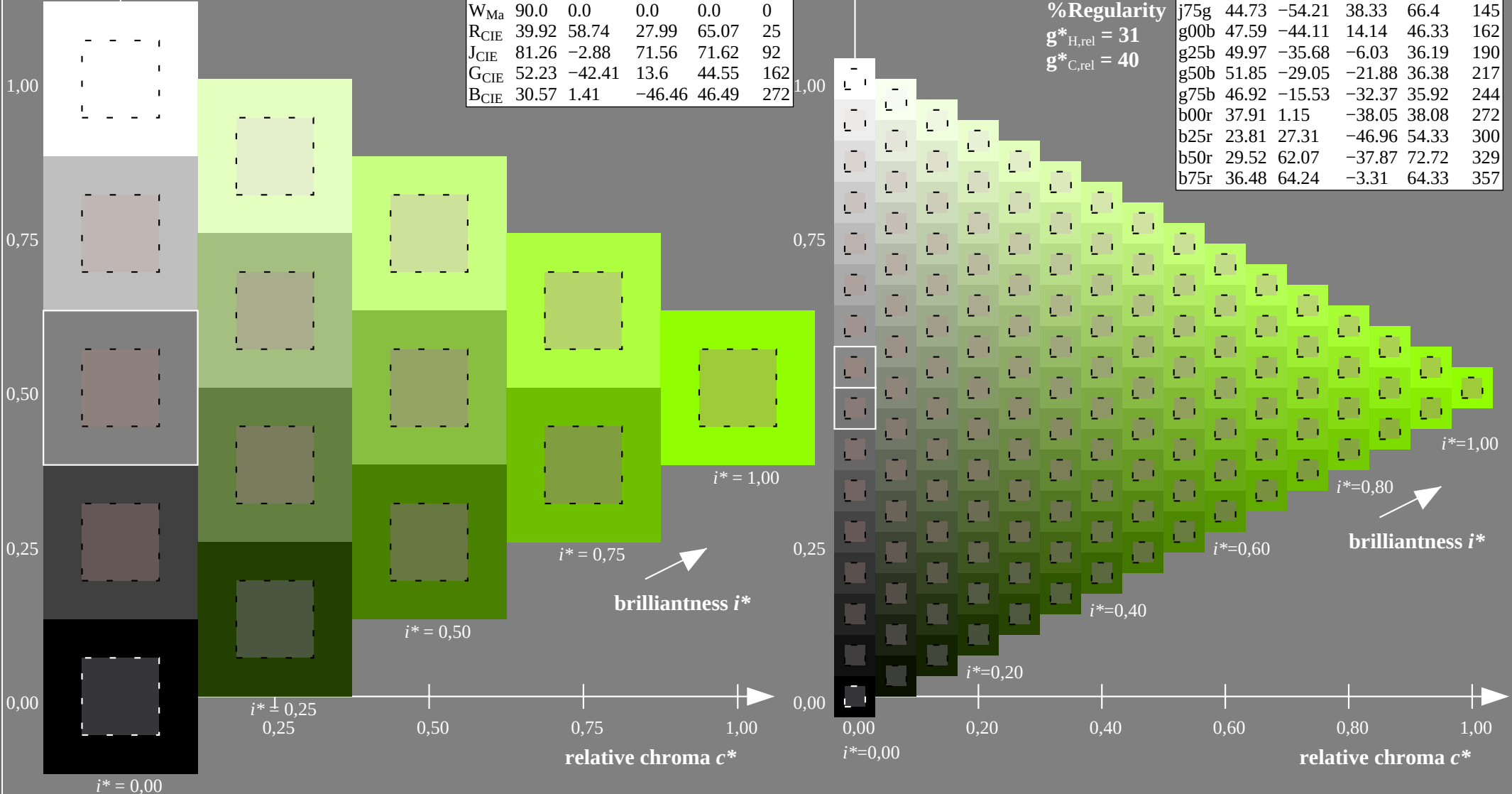


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

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



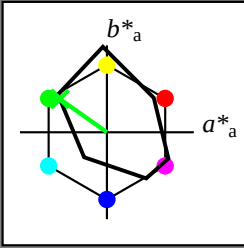
Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$
data for any colour:

$u^* = j75g$

contrast reduction factor:
 $c_R = 0.9$

triangle lightness t^*

$u^* = j75g$

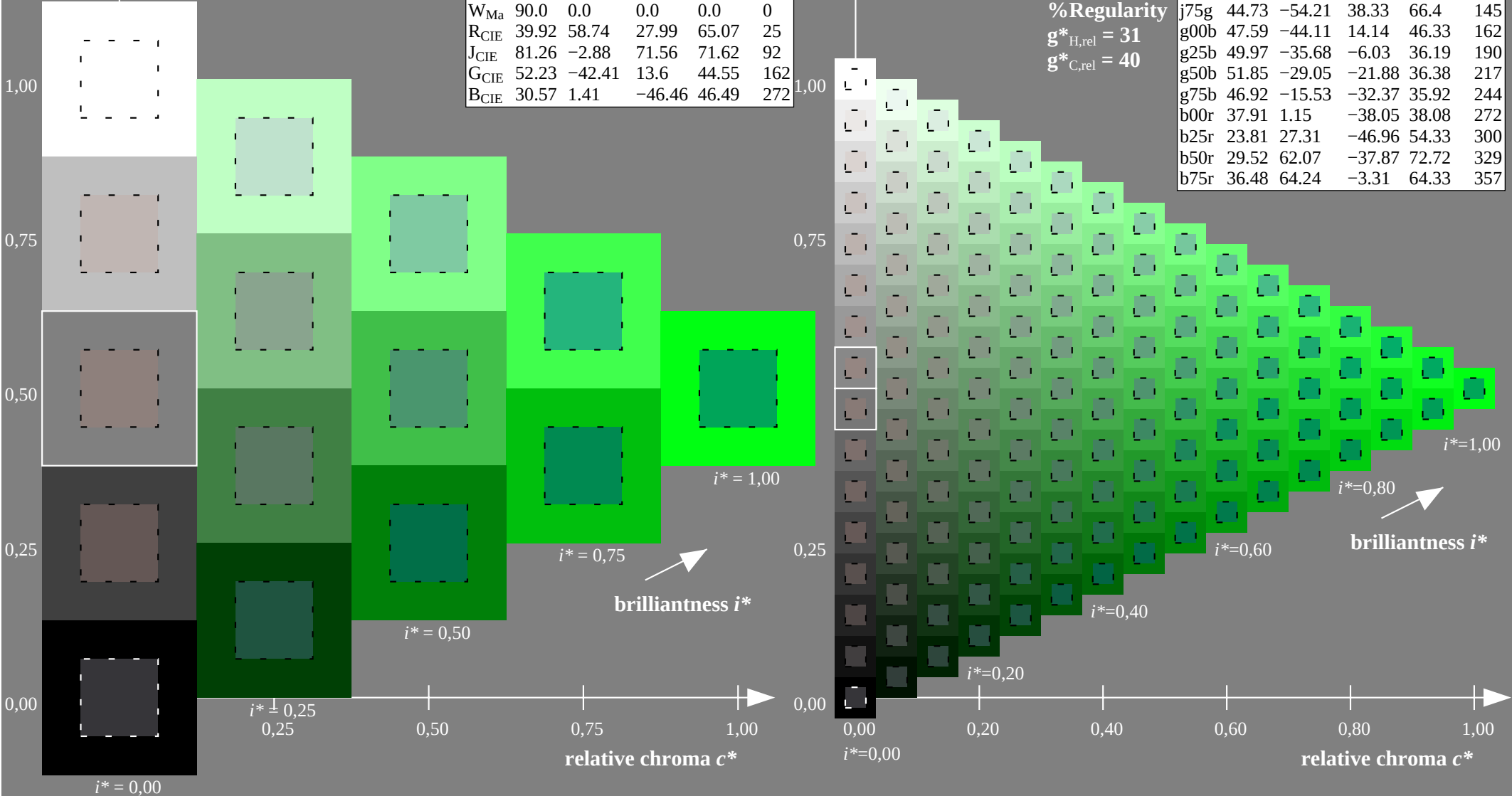


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

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

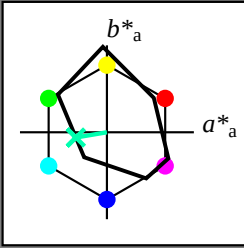


Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 190/360 = 0.527$
data for any colour:

$u^* = g25b$

contrast reduction factor:
 $c_R = 0.9$

triangle lightness t^*

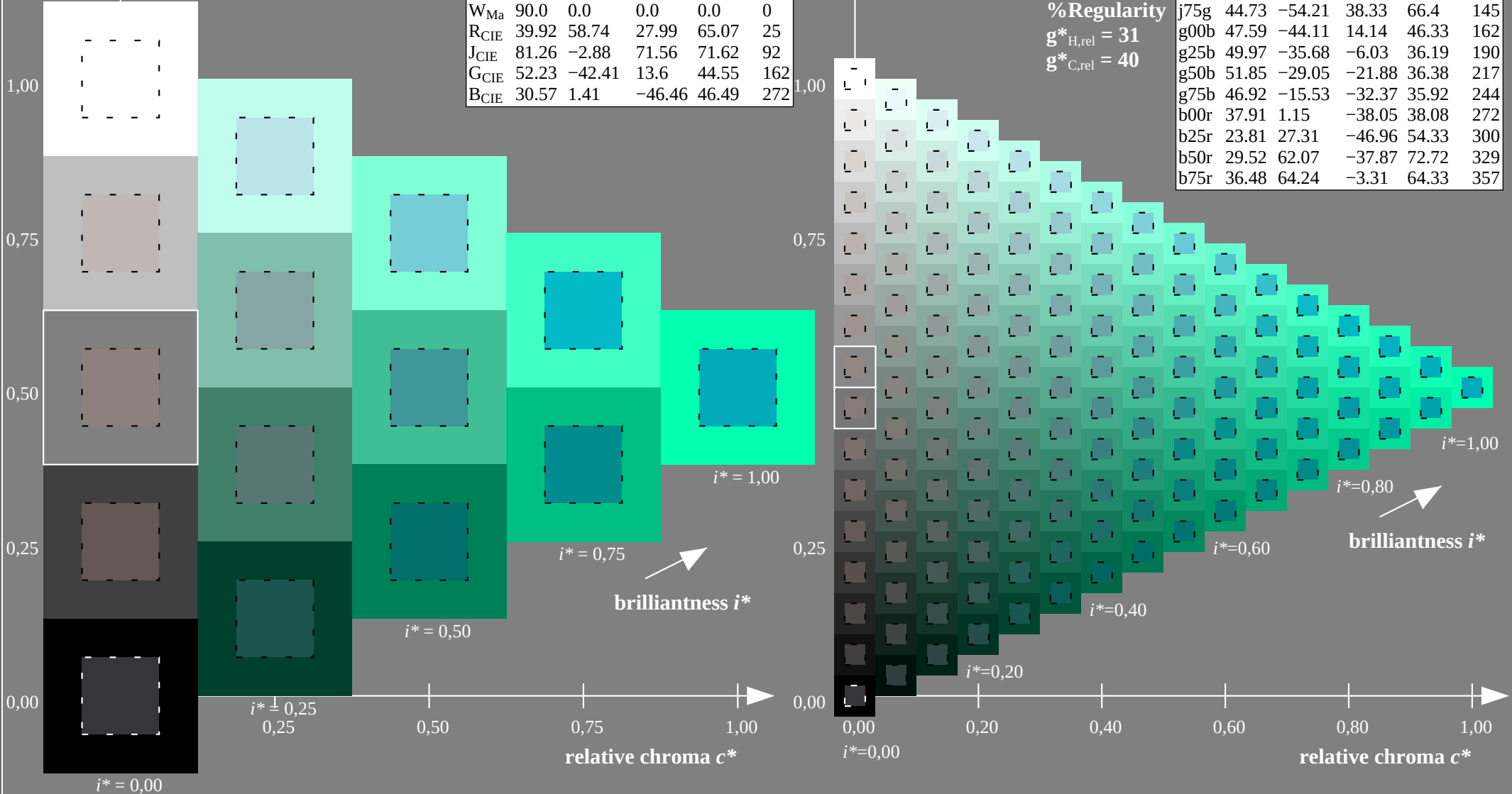


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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):

$LAB \cdot LAB \cdot Ma: 50 \ -35 \ -5$
 $LAB \cdot LCH \cdot Ma: 50 \ 36 \ 190$
 $lab \cdot rgb \cdot Ma: 0.0 \ 1.0 \ 0.5$
 $lab \cdot olv \cdot Ma: 0.0 \ 1.0 \ 0.69$

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



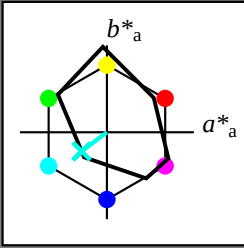
Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 217/360 = 0.603$
data for any colour:

$u^* = g50b$

contrast reduction factor:
 $c_R = 0.9$

triangle lightness t^*

$u^* = g50b$

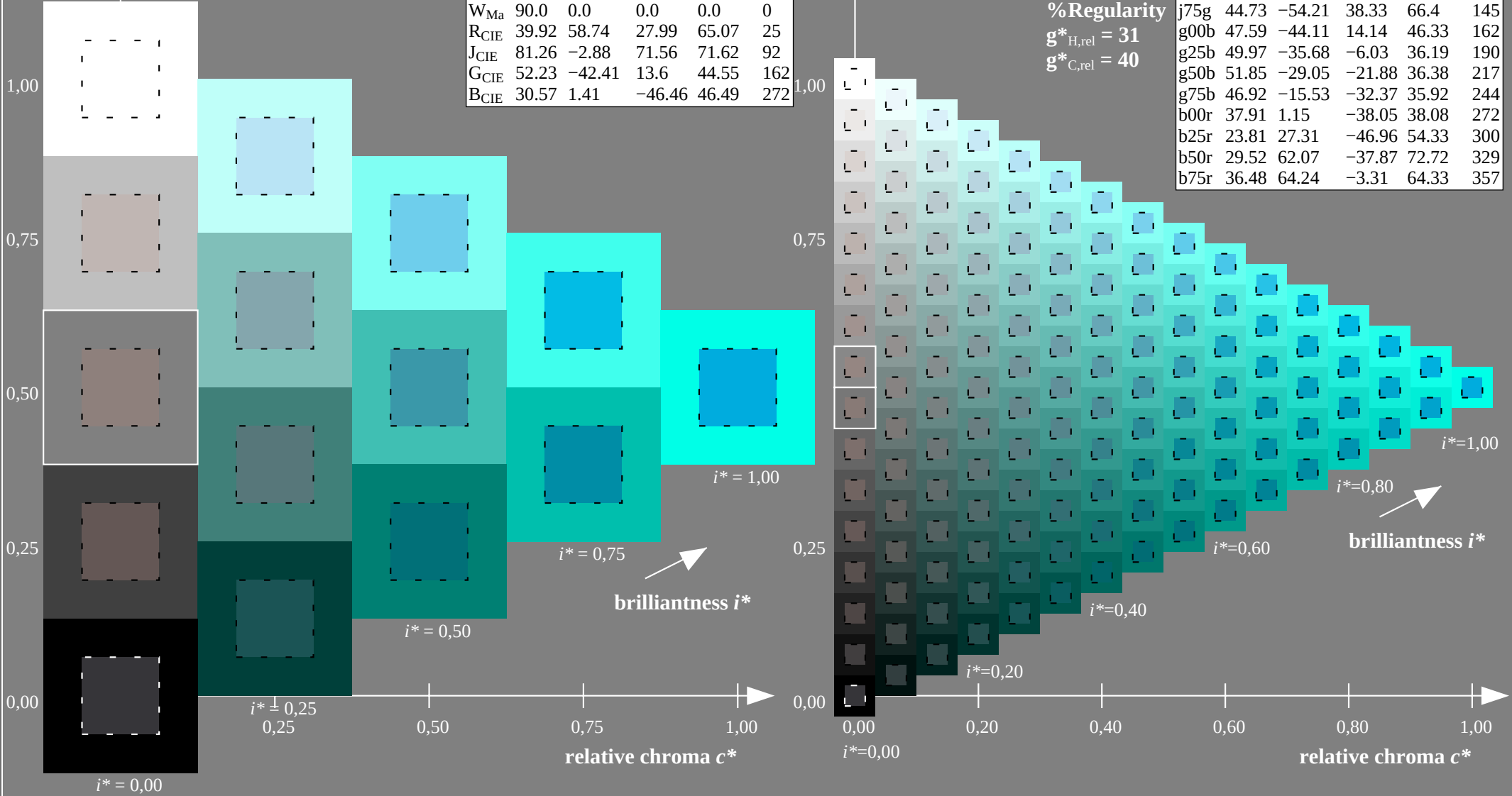


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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: 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

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

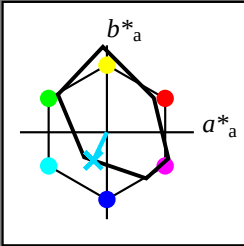


Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$
data for any colour:

$u^* = g75b$

contrast reduction factor:
 $c_R = 0.9$

triangle lightness t^*

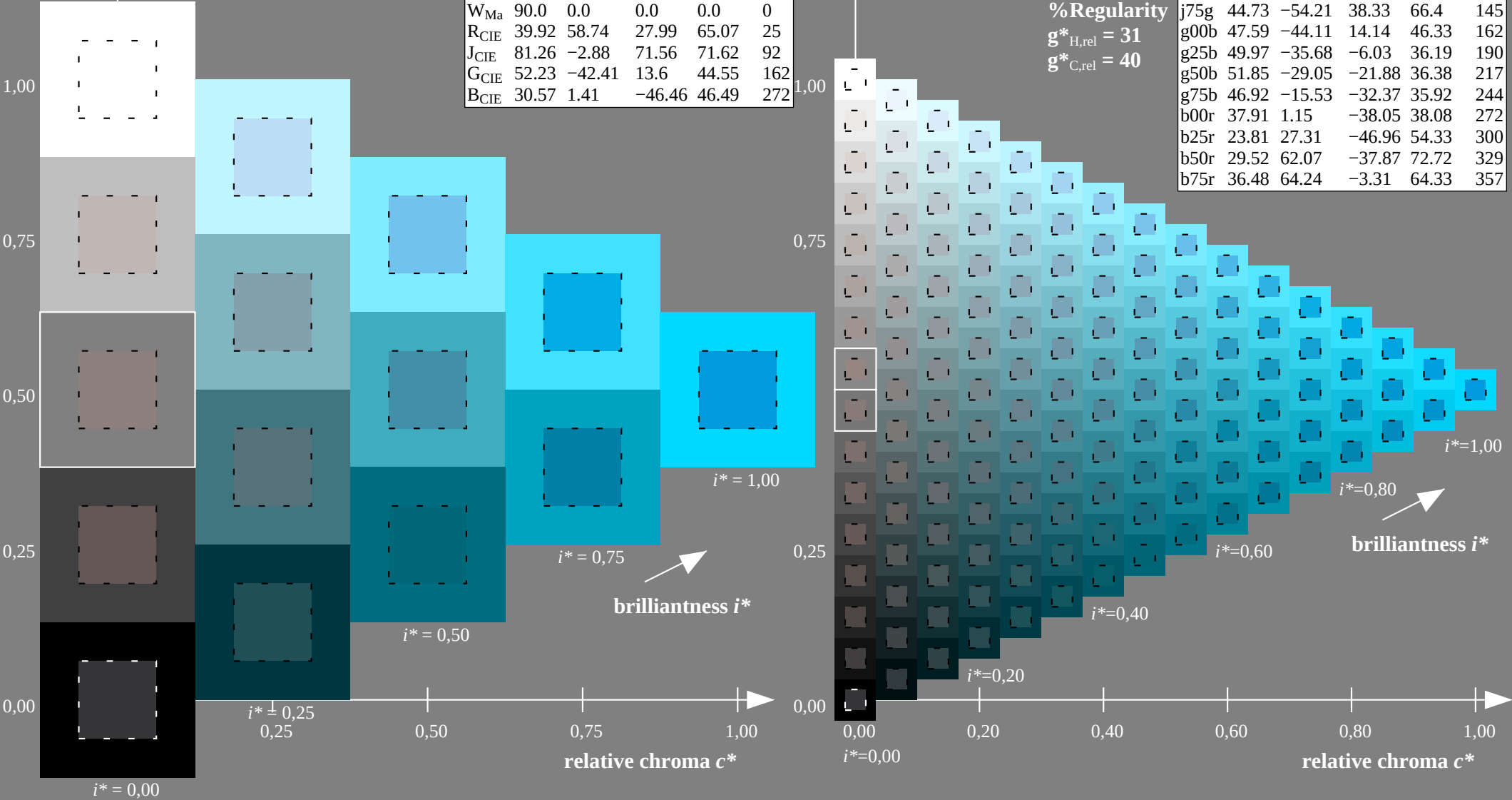


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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):

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

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

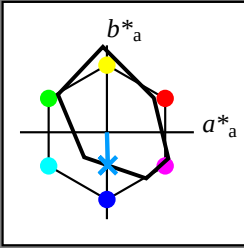


Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$
data for any colour:

$u^* = b00r$

contrast reduction factor:
 $c_R = 0.9$

triangle lightness t^*

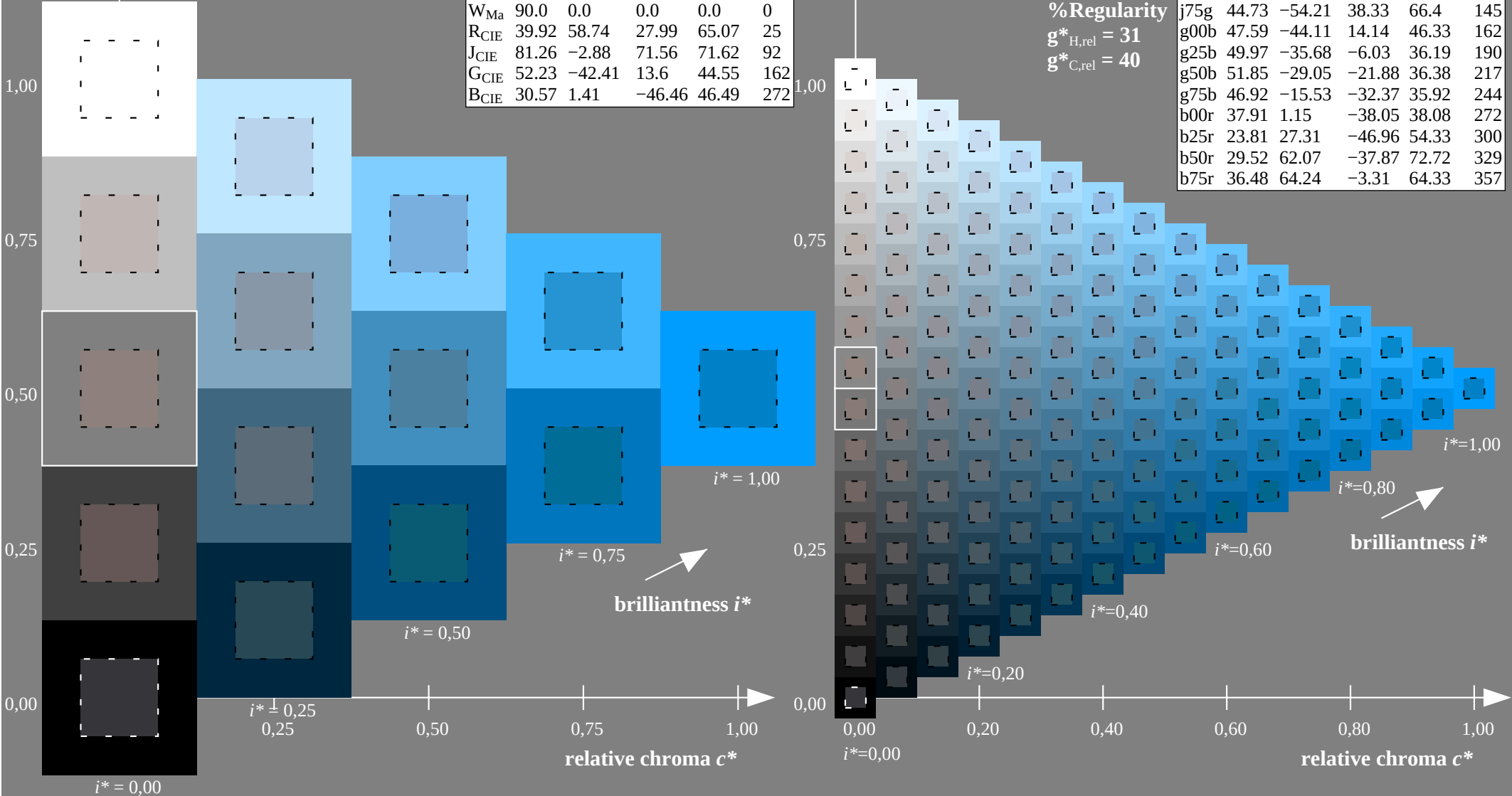


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

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



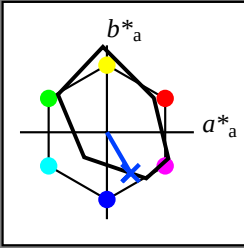
Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$
data for any colour:

$u^* = b25r$

contrast reduction factor:
 $c_R = 0.9$

triangle lightness t^*

$u^* = b25r$

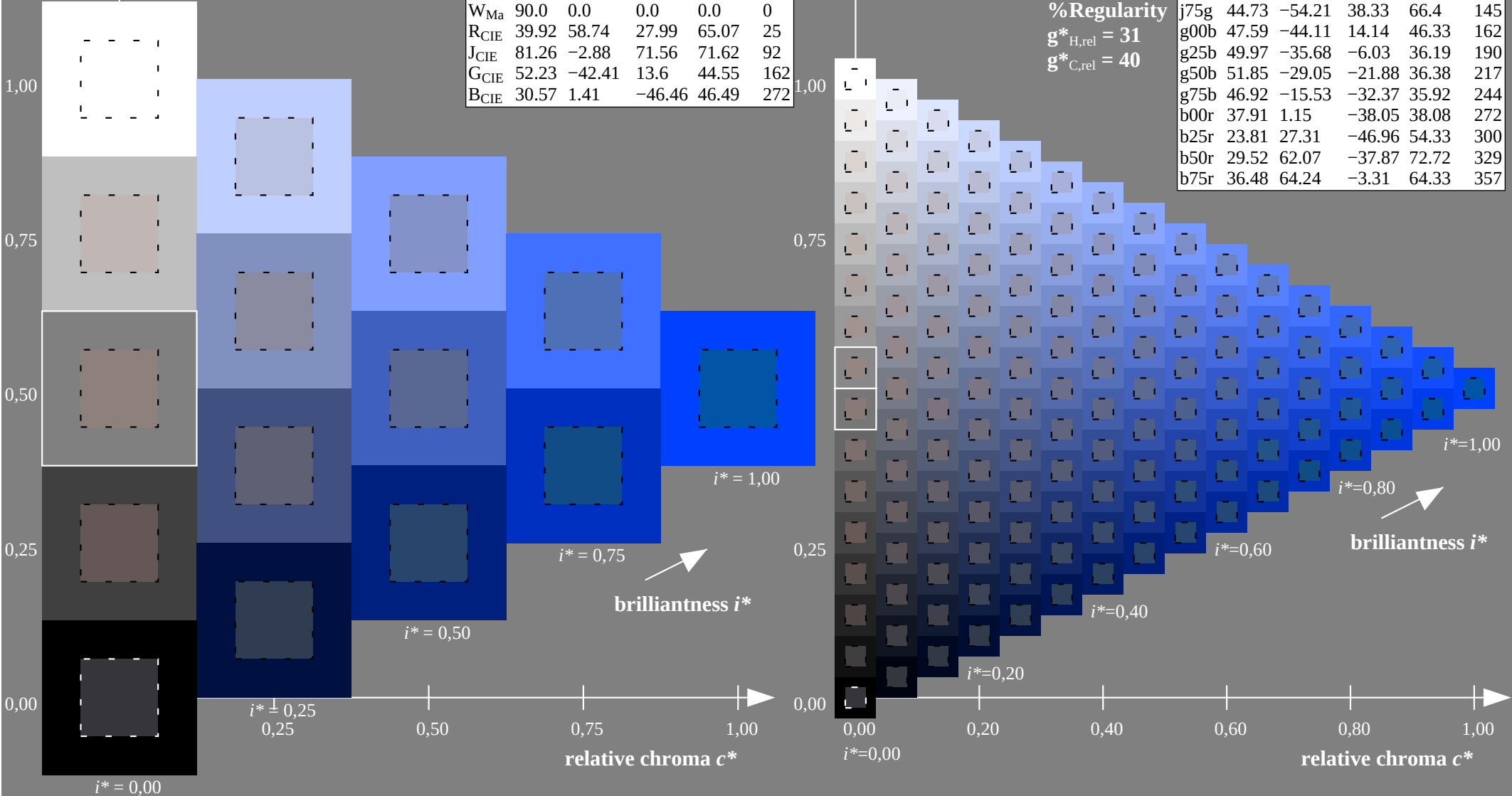


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

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 $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

$u^* = b50r$

data for any colour:

lab^*ich^* and lab^*icu^*

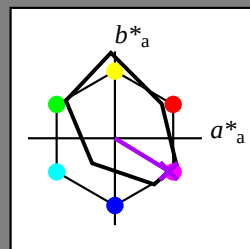
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



	$L^*=L^*_a$	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):

$LAB^*LAB^*_{Ma}$: 30 62 -37

$LAB^*LCH^*_{Ma}$: 30 73 329

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

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

triangle lightness t^*

%Gamut

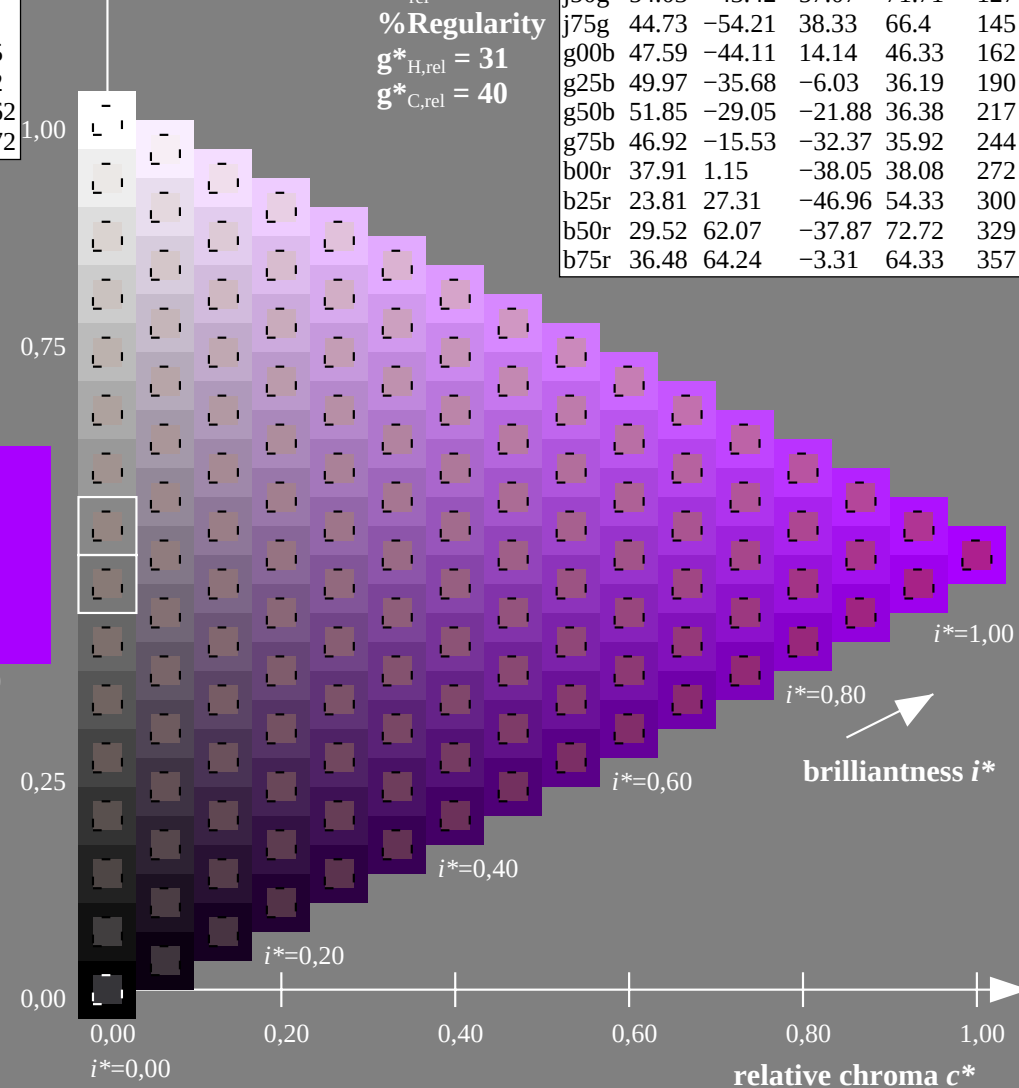
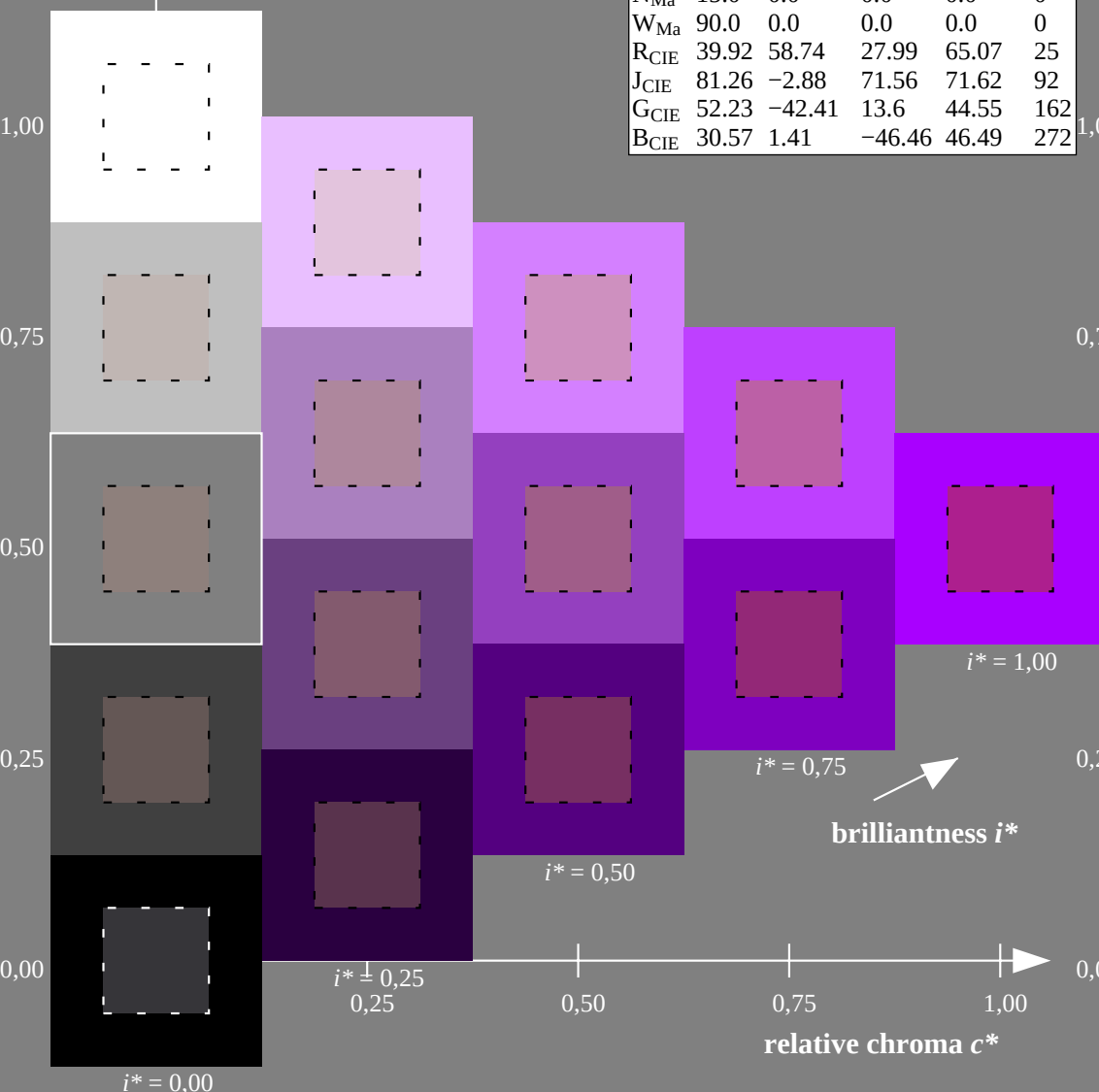
$u^*_{rel} = 88$

%Regularity

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

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

	$L^*=L^*_a$	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

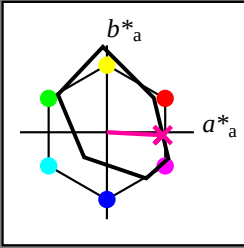


Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 357/360 = 0.992$
data for any colour:

$u^* = b75r$

contrast reduction factor:
 $c_R = 0.9$

triangle lightness t^*

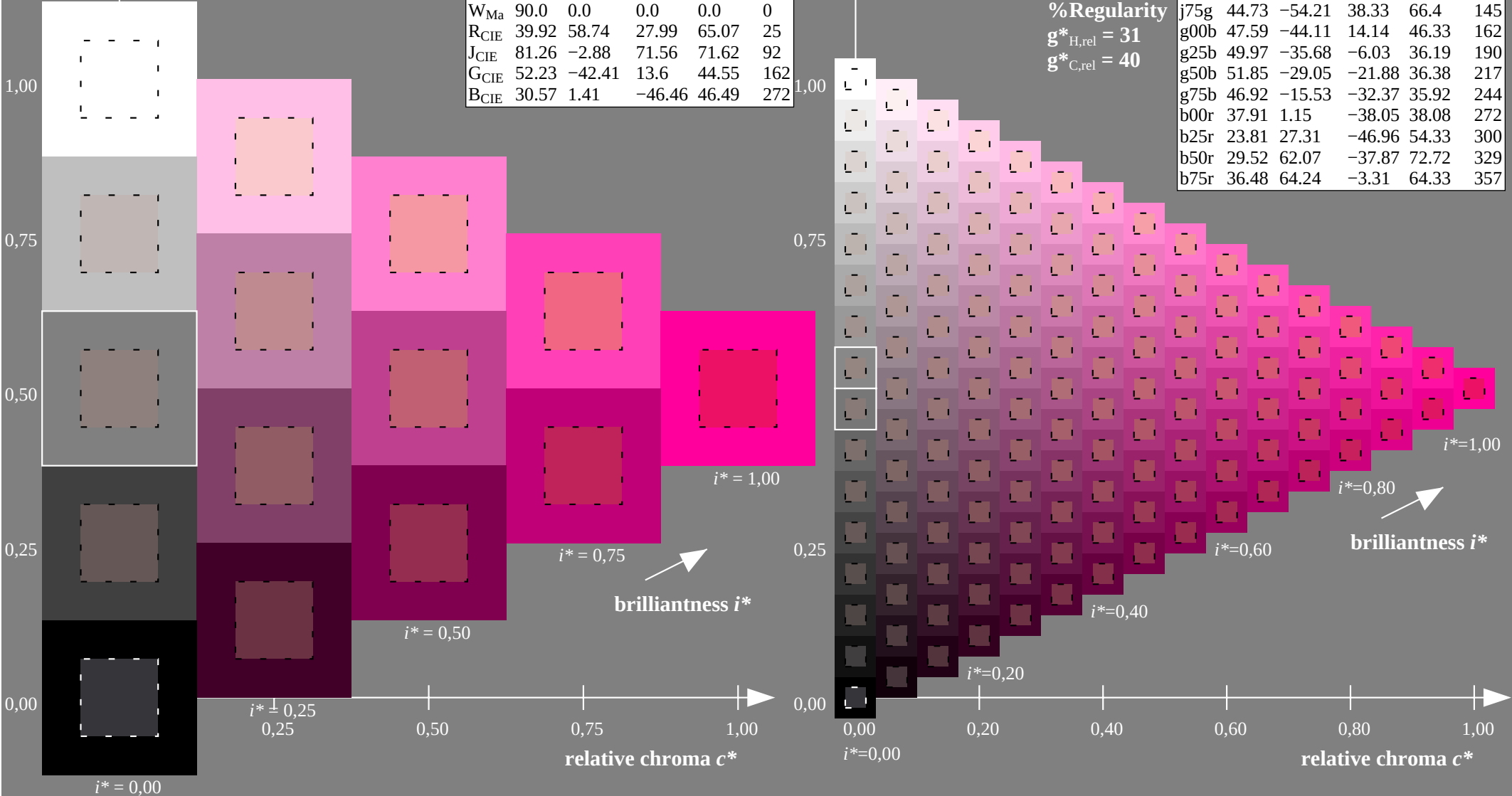


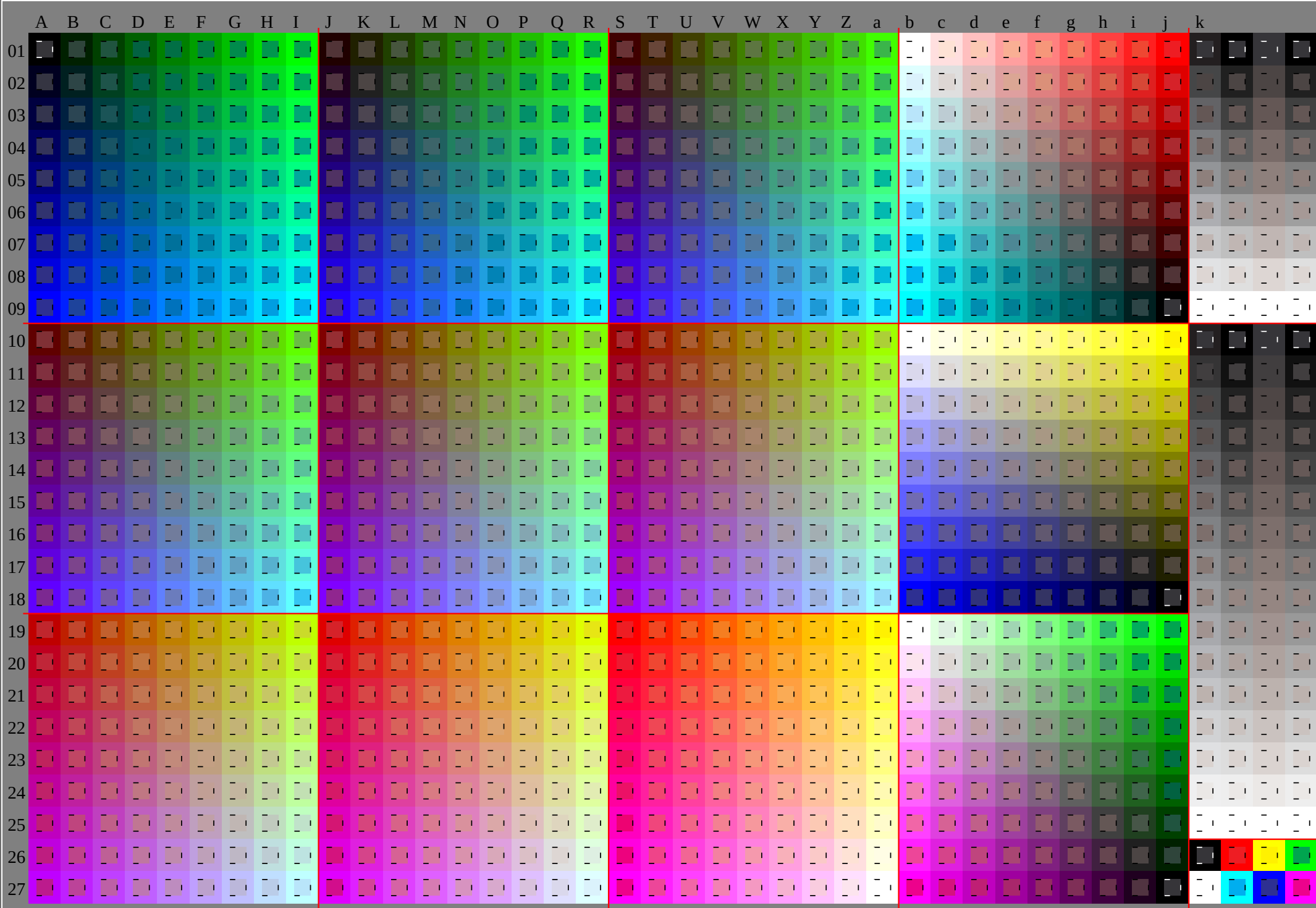
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

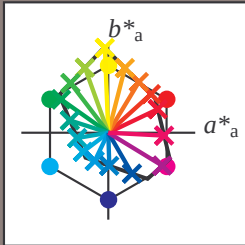
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	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





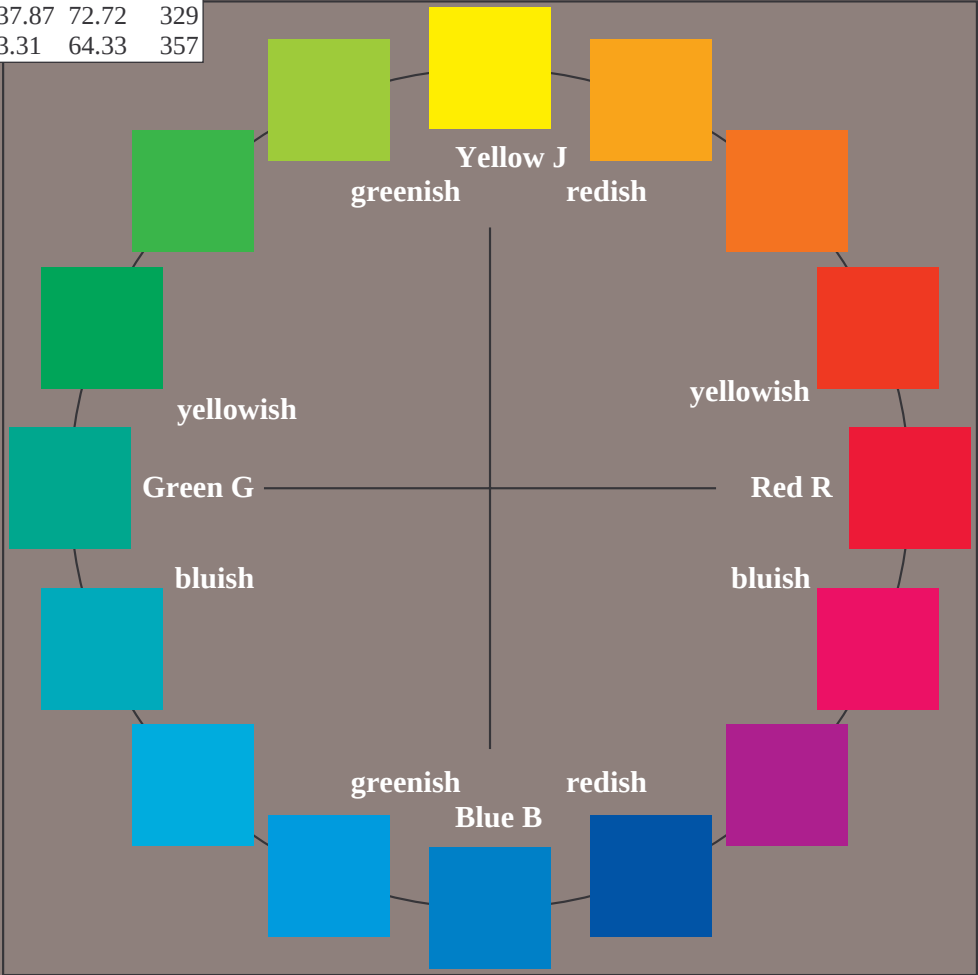
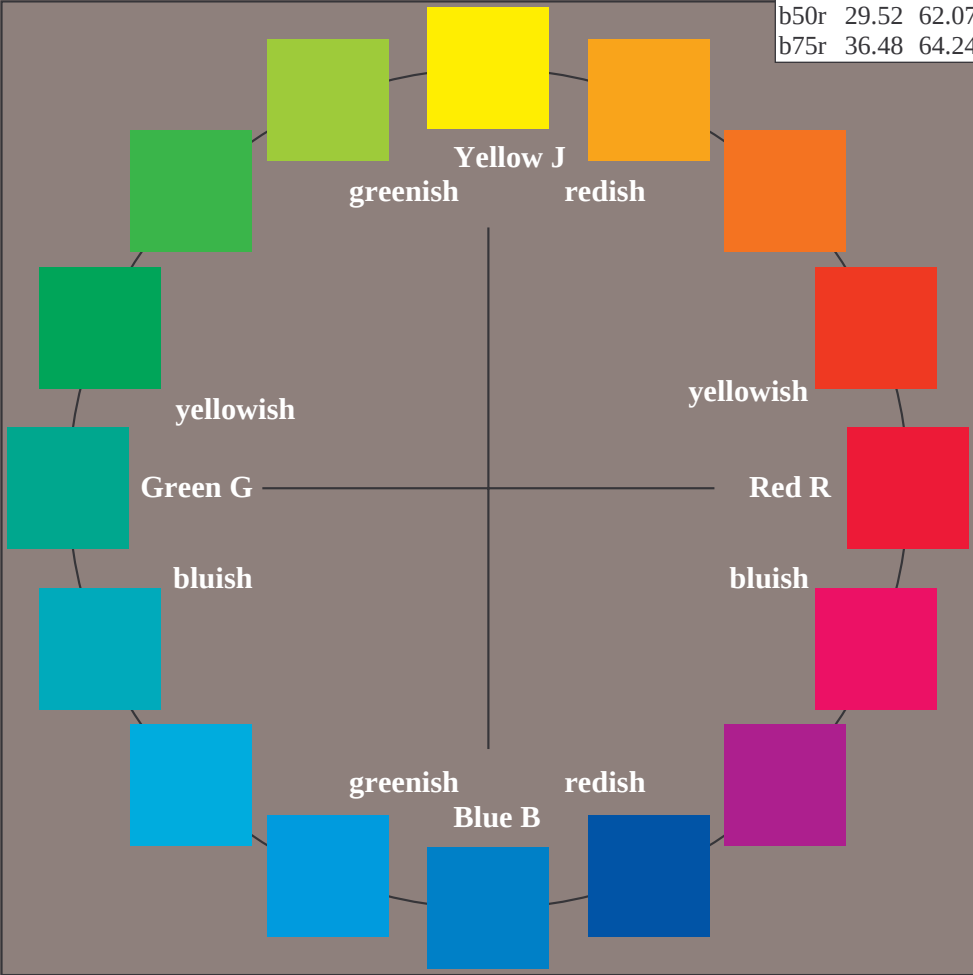
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
u = 16 hues r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 0.9

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



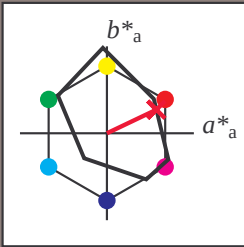
%Gamut
 $u_{rel}^* = 88$
%Regularity
 $g_{H,rel}^* = 31$
 $g_{C,rel}^* = 40$

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^*

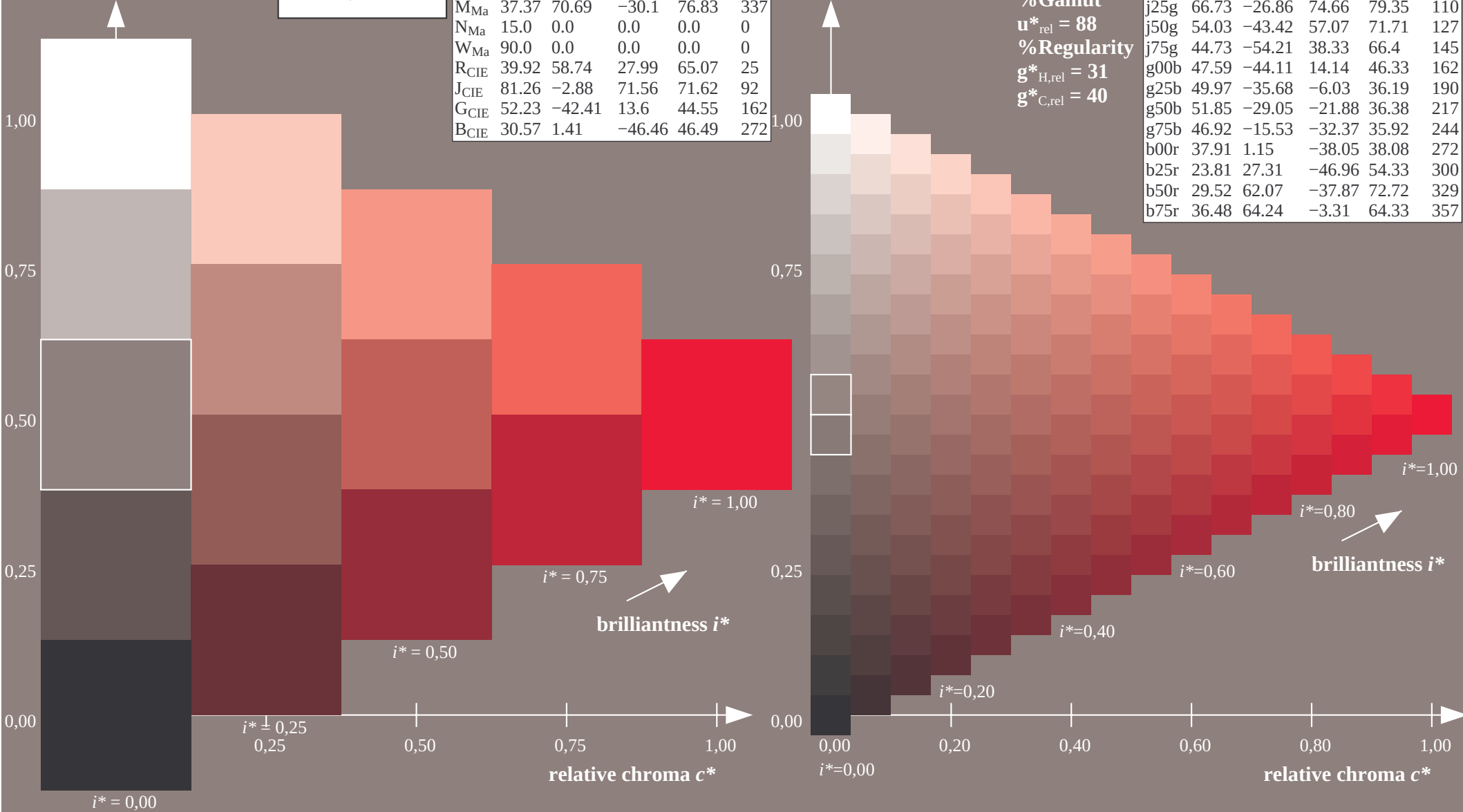


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

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 $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

$u^* = r25j$

data for any colour:

lab^*ich^* and lab^*icu^*

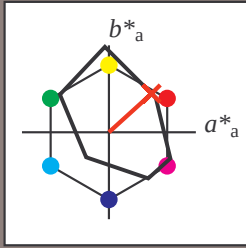
elementary hue text:

$u^* = r25j$

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^*

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

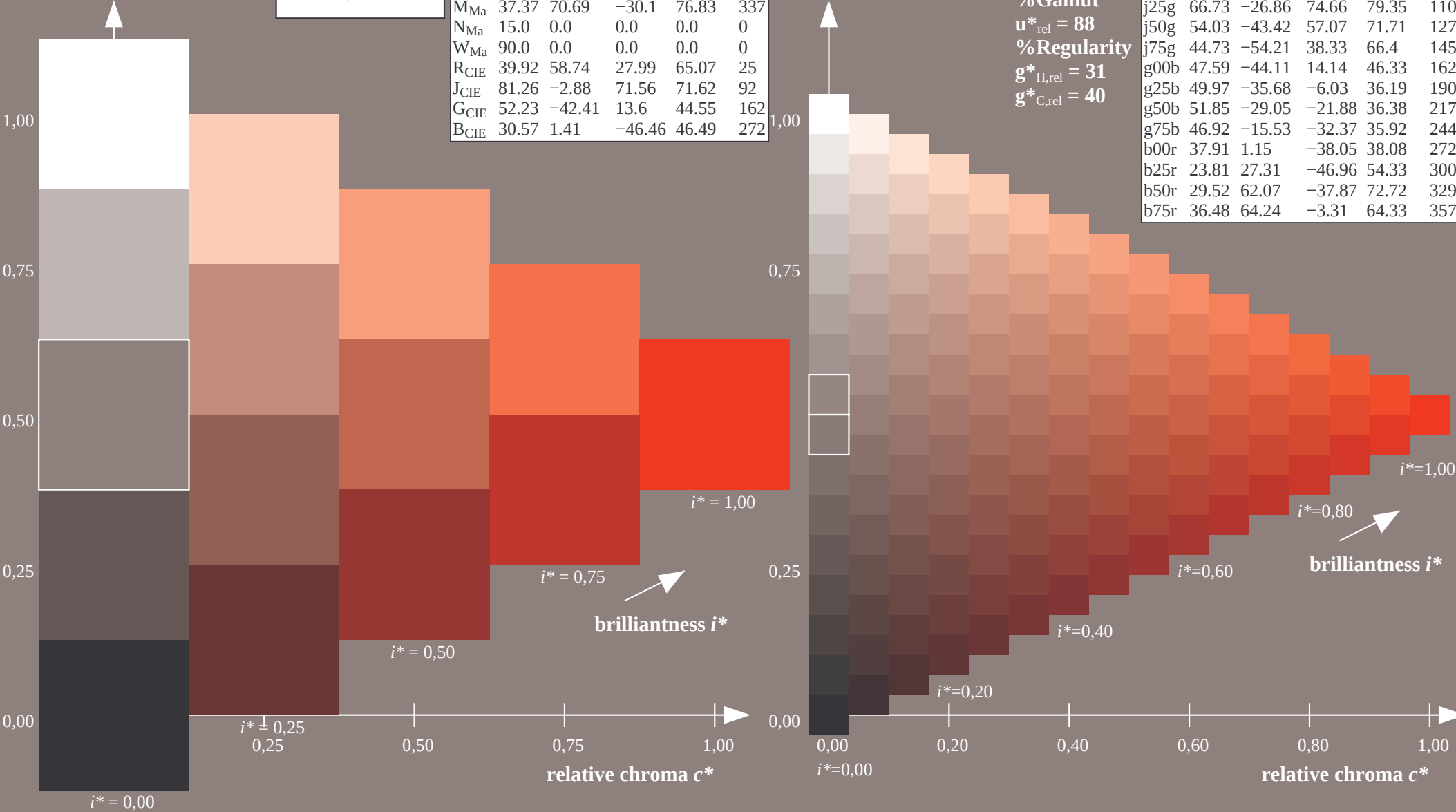
%Gamut

$u^*_{rel} = 88$

%Regularity

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

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



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

$u^* = r50j$

data for any colour:

lab^*ich^* and lab^*icu^*

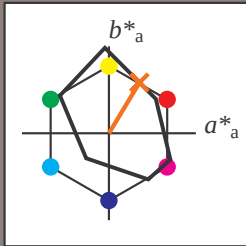
elementary hue text:

$u^* = r50j$

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

$u^*_{rel} = 88$

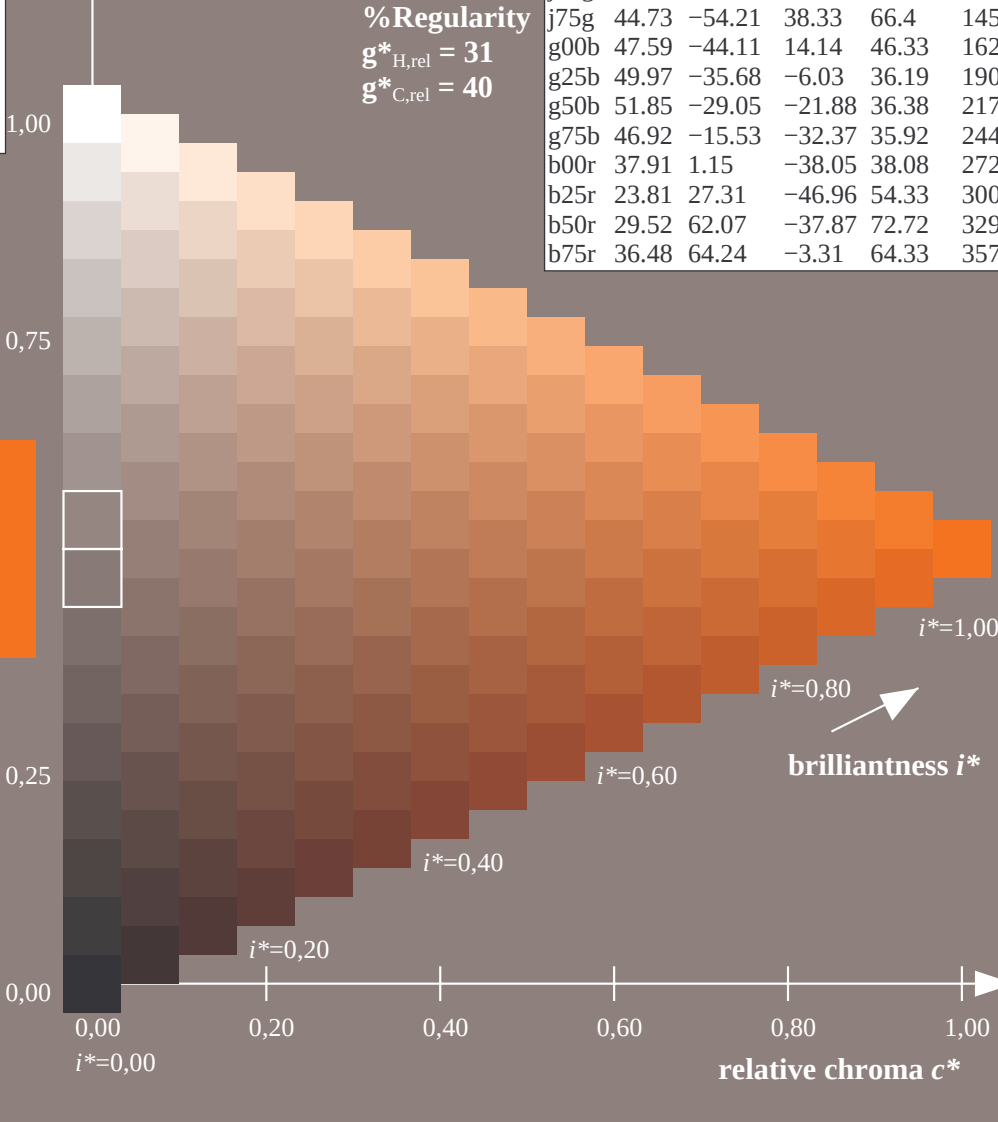
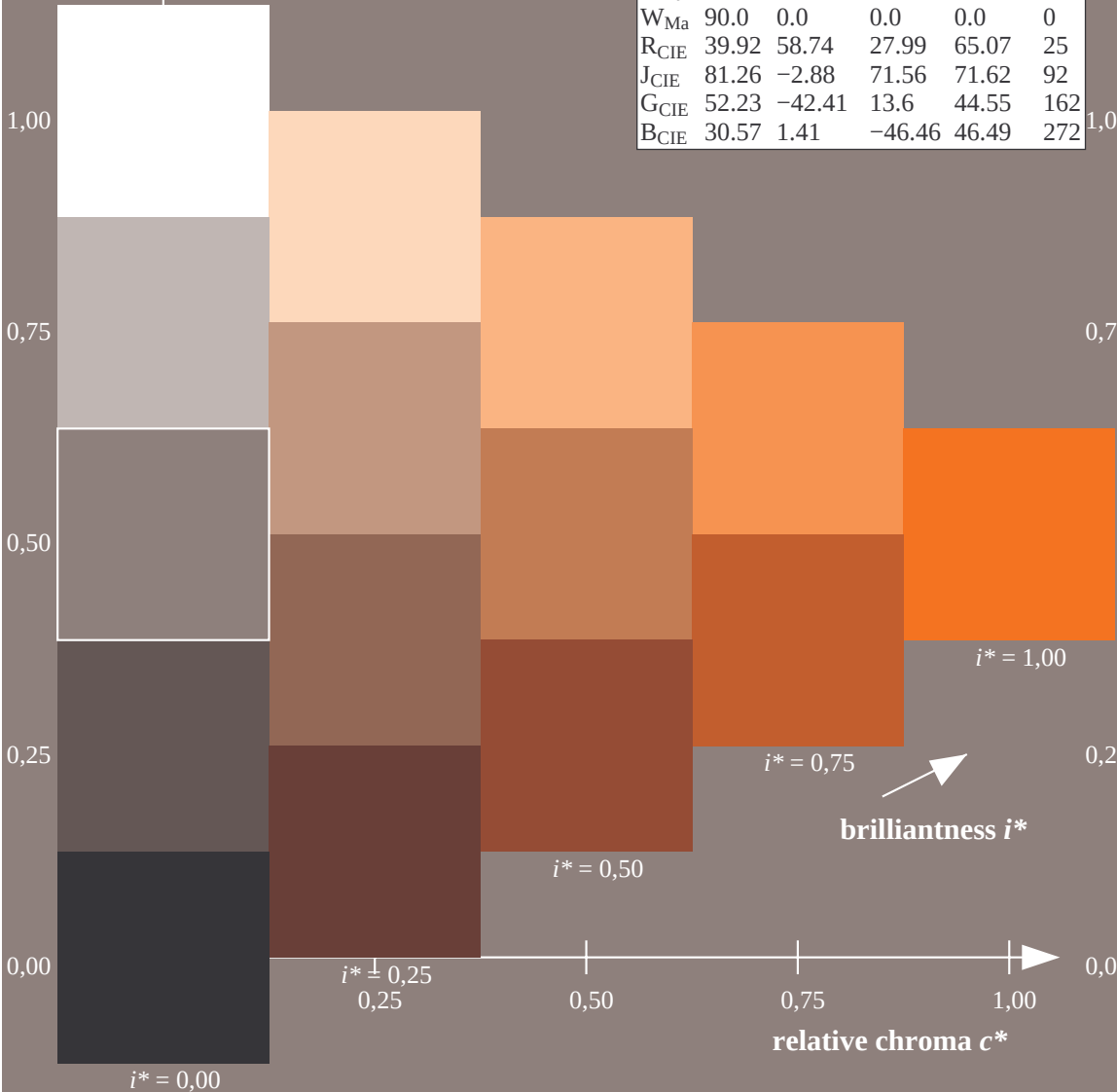
%Regularity

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

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

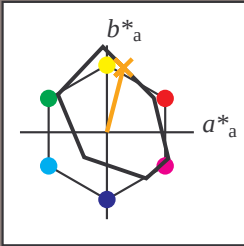
FRS15_90aM; adapted (a) CIELAB data

	$L^*=L^*_a$	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^*

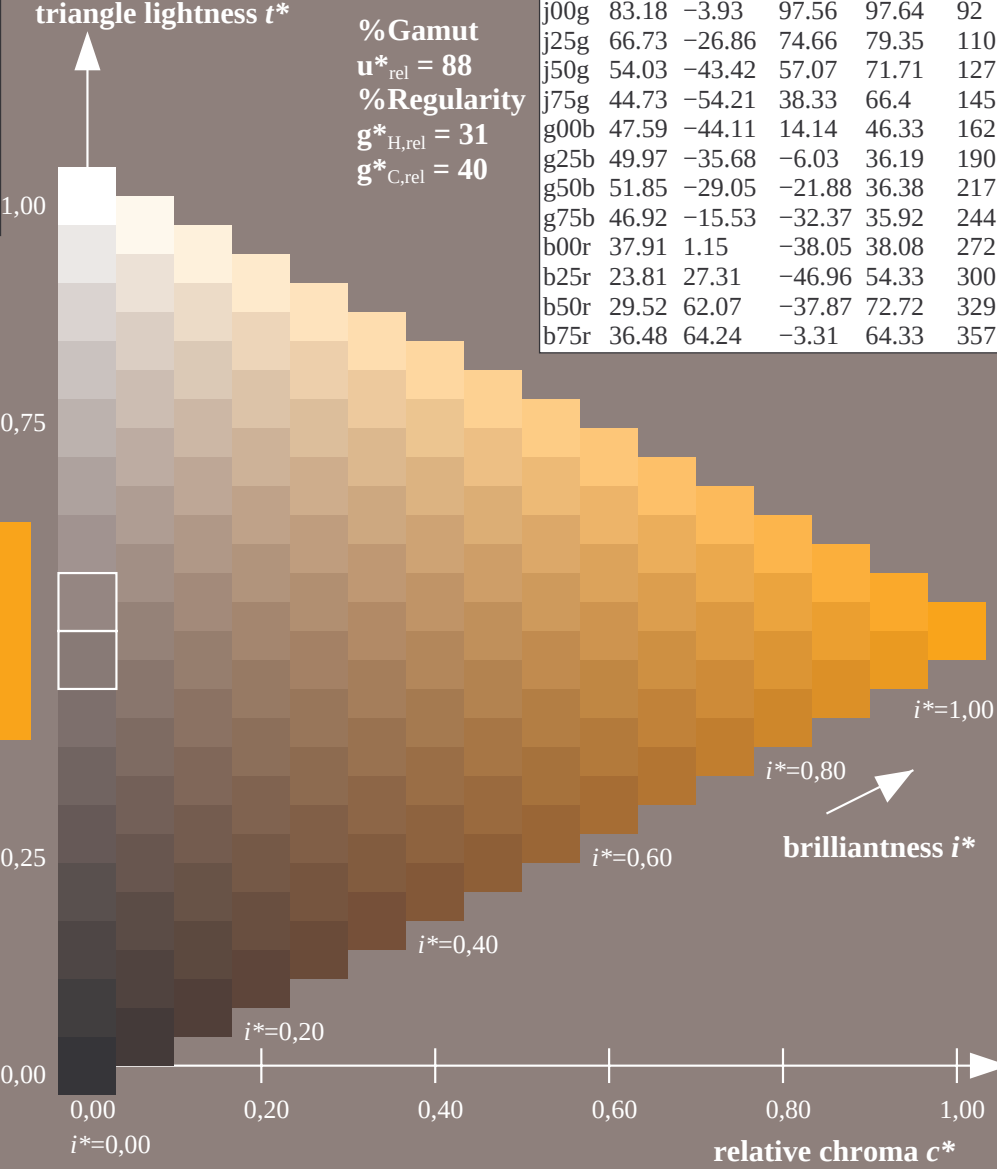
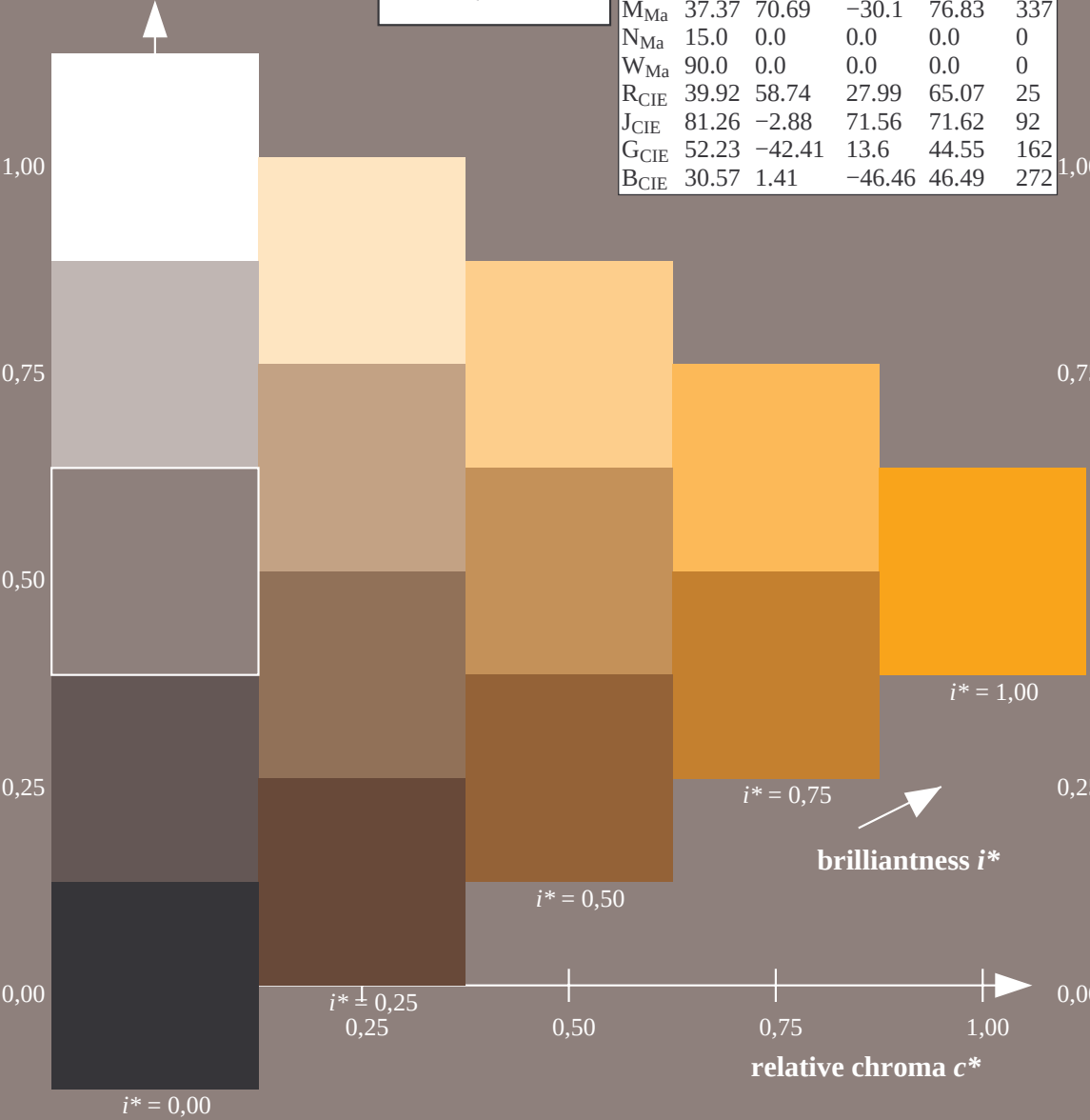


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

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 $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

$u^* = j00g$

data for any colour:

lab^*ich^* and lab^*icu^*

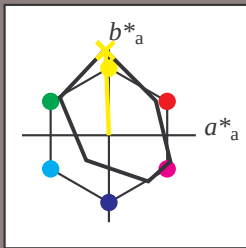
elementary hue text:

$u^* = j00g$

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^*

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

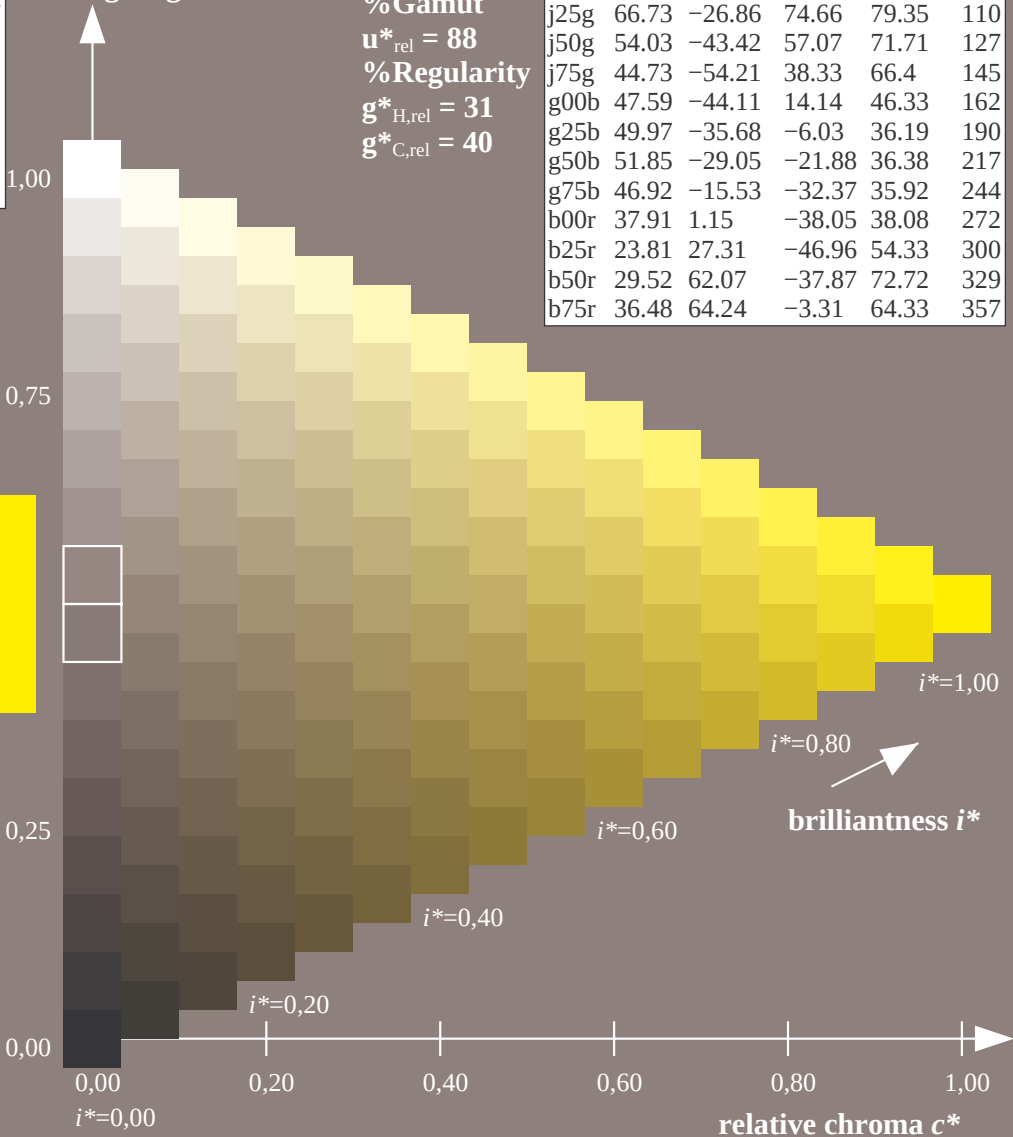
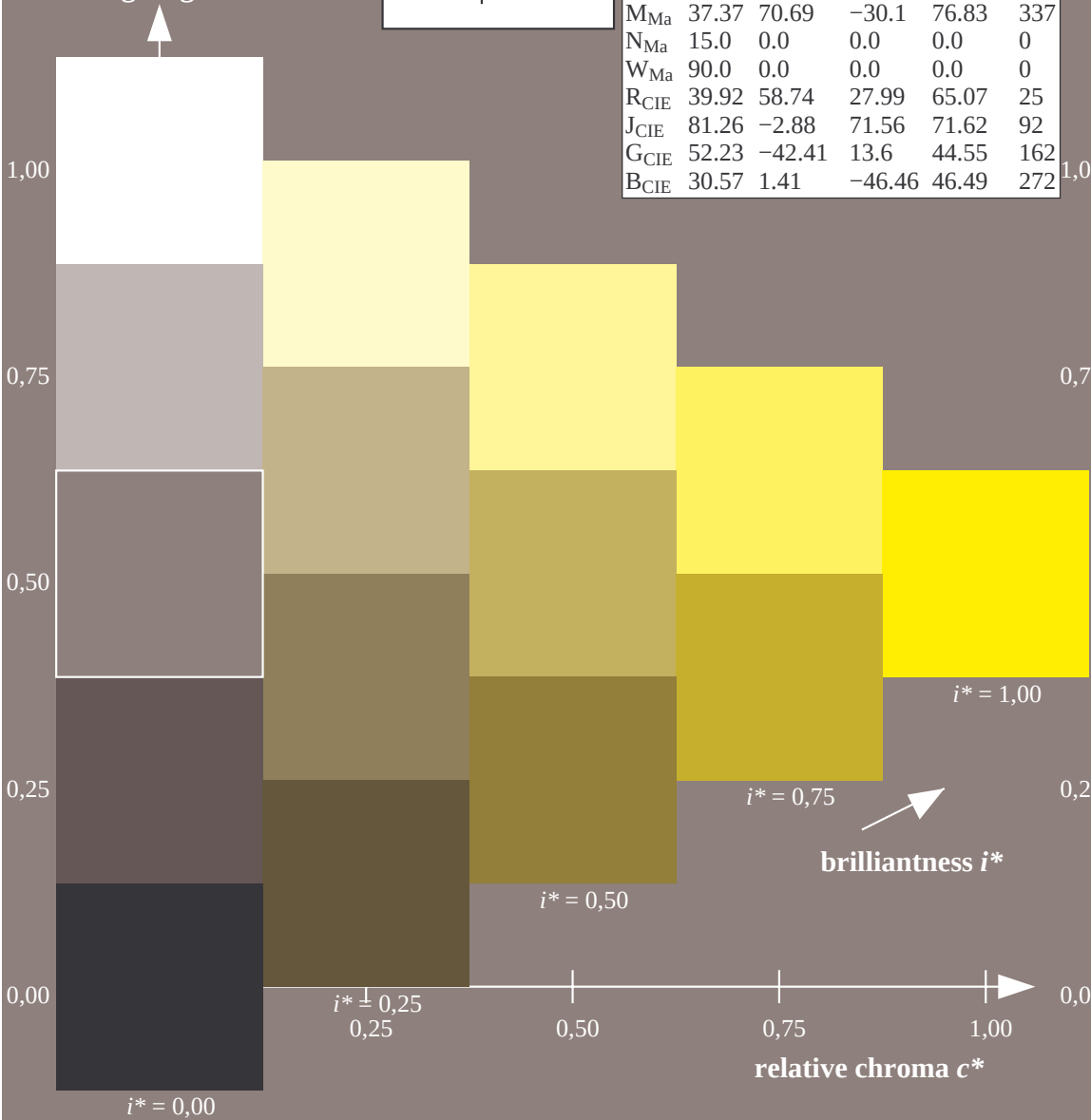
%Gamut

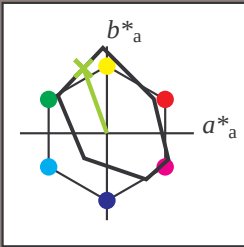
$u^*_{rel} = 88$

%Regularity

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

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



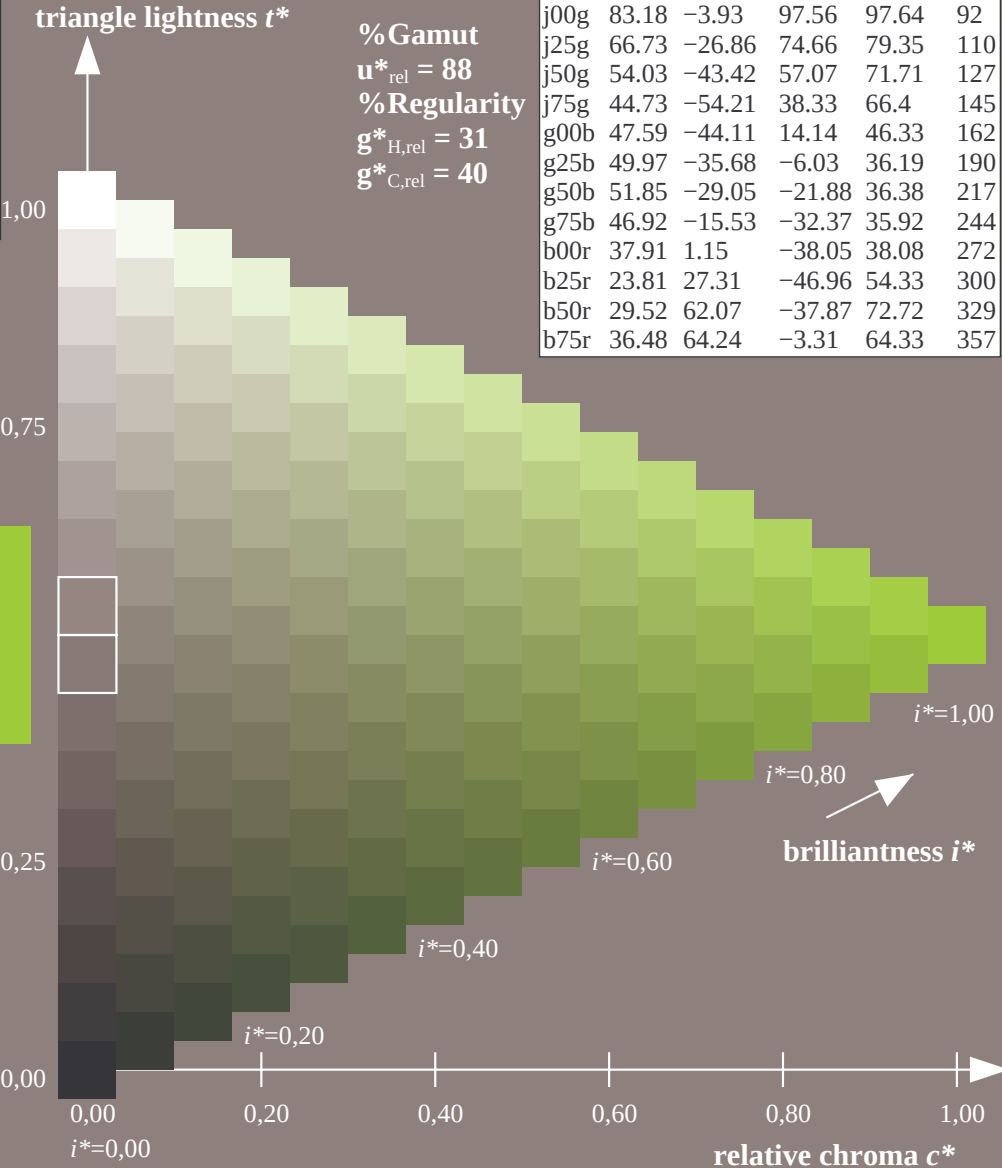
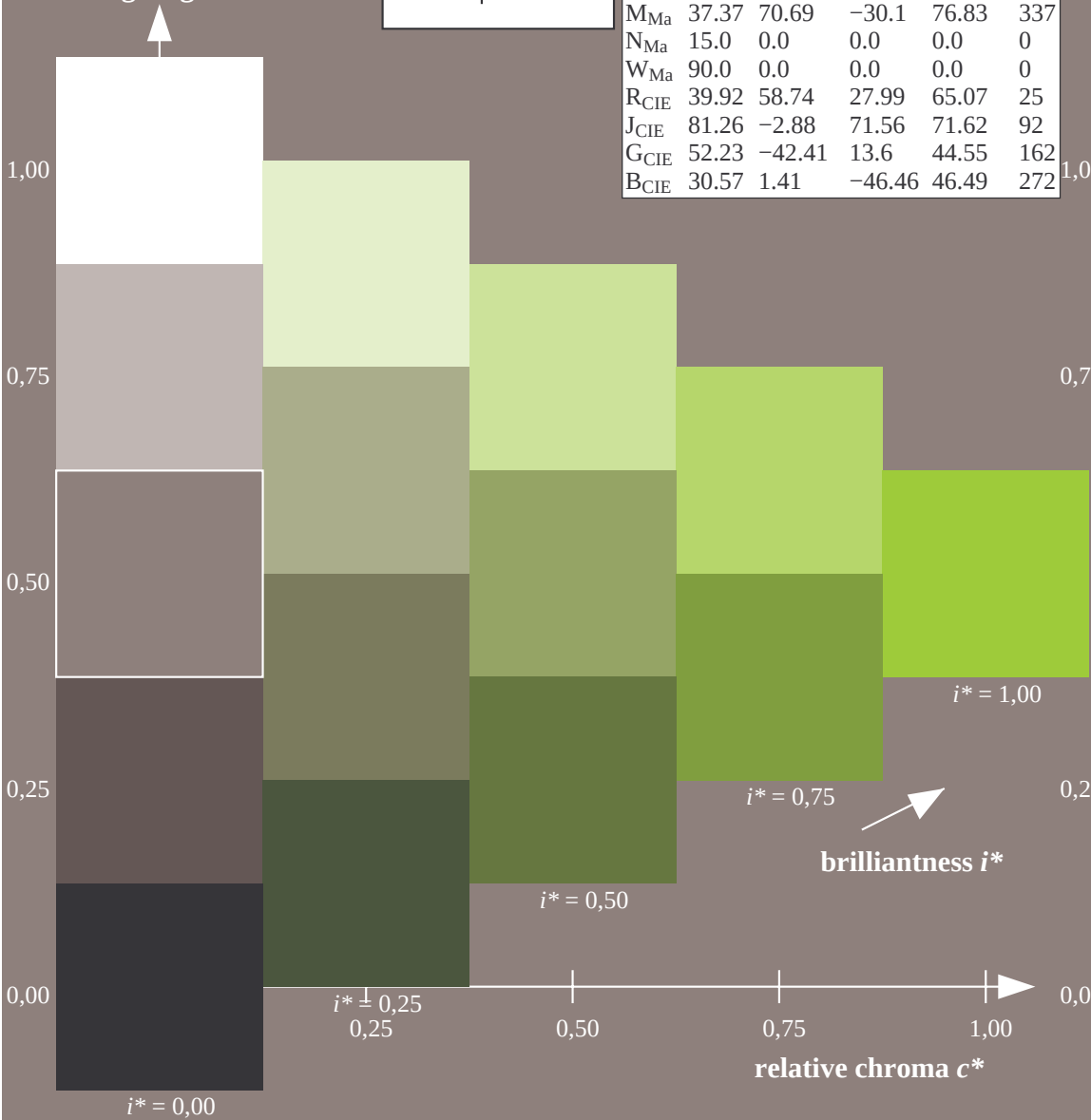


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

Data for maximum colour (Ma):

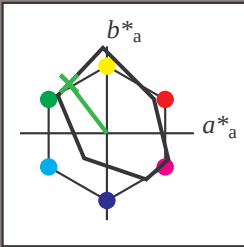
$LAB \cdot LAB \cdot Ma$: 67 -26 75
 $LAB \cdot LCH \cdot Ma$: 67 79 110
 $lab \cdot rgb \cdot Ma$: 0.75 1.0 0.0
 $lab \cdot olv \cdot Ma$: 0.57 1.0 0.0

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 $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:

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

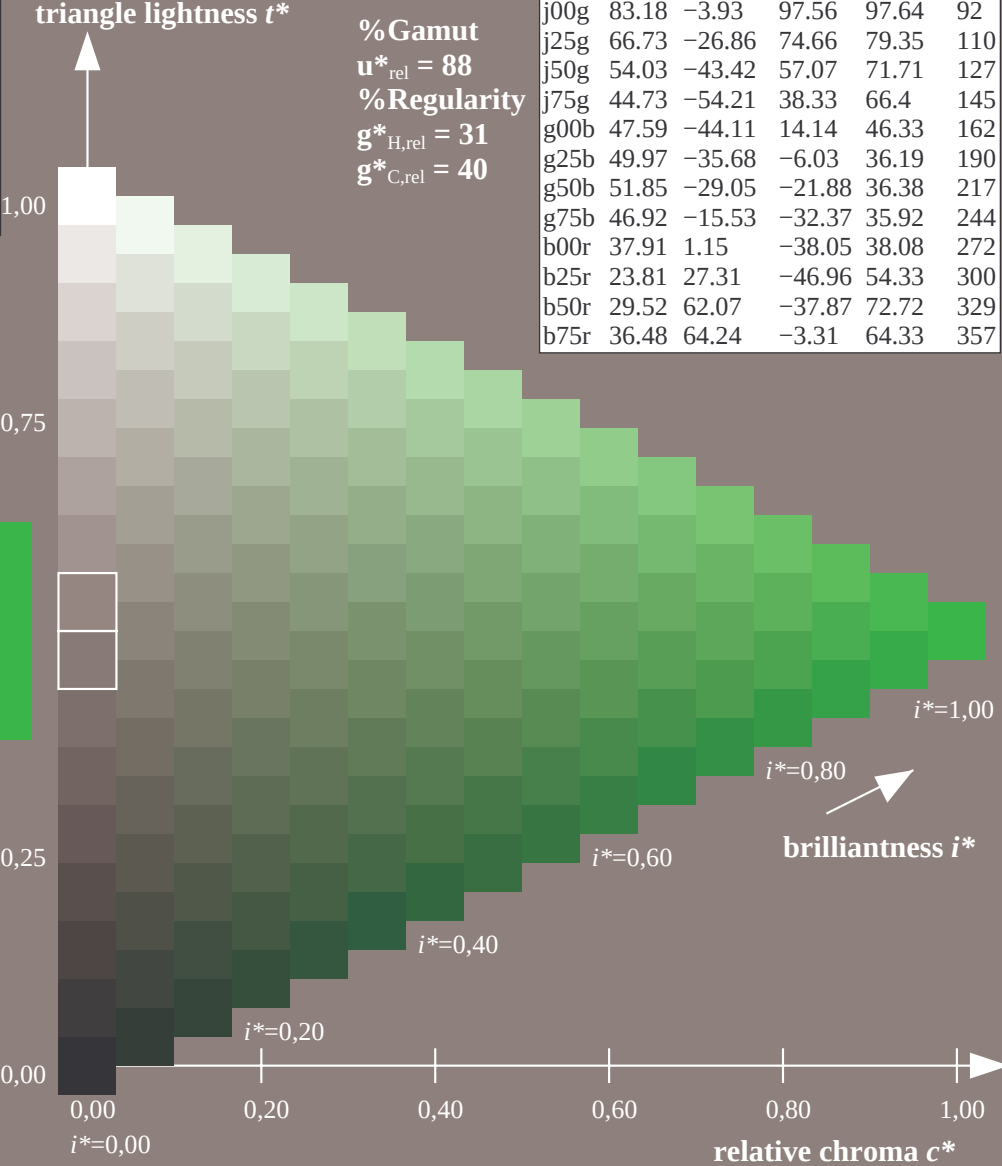
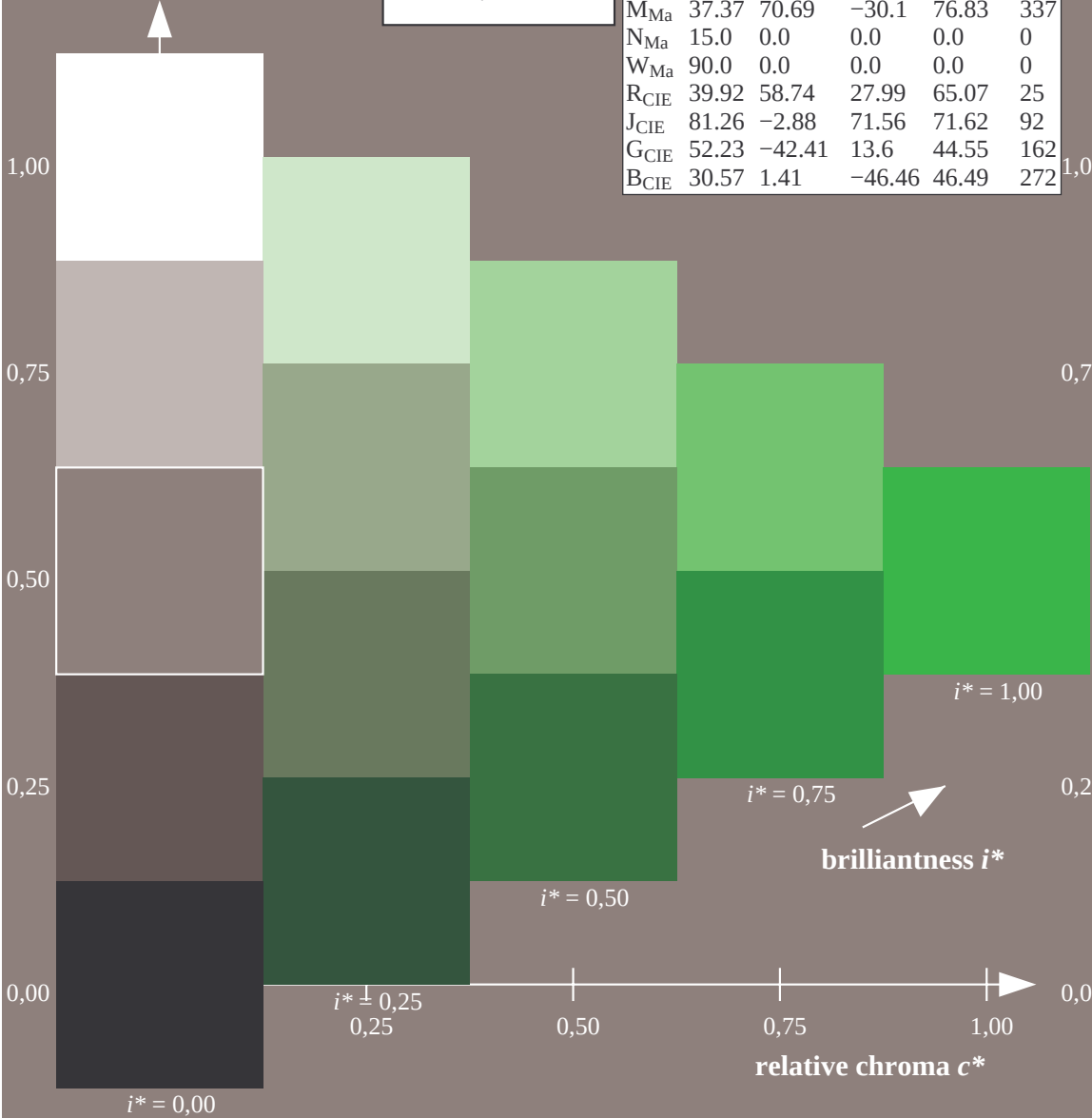


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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):

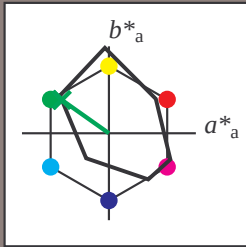
$LAB^*LAB^*Ma: 54 \ -42 \ 57$
 $LAB^*LCH^*Ma: 54 \ 72 \ 127$
 $lab^*rgb^*Ma: 0.5 \ 1.0 \ 0.0$
 $lab^*olv^*Ma: 0.25 \ 1.0 \ 0.0$

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^*ich^* 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

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^*

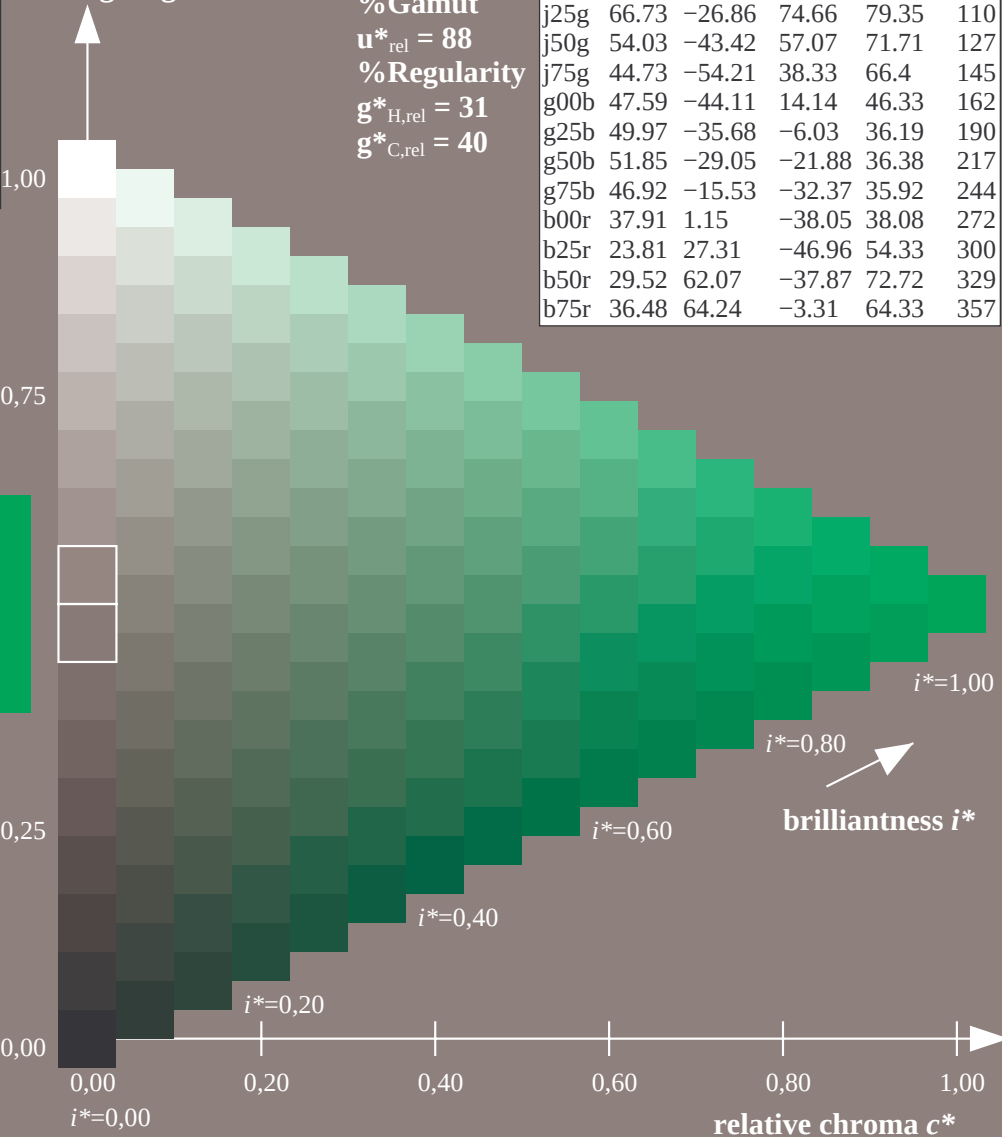
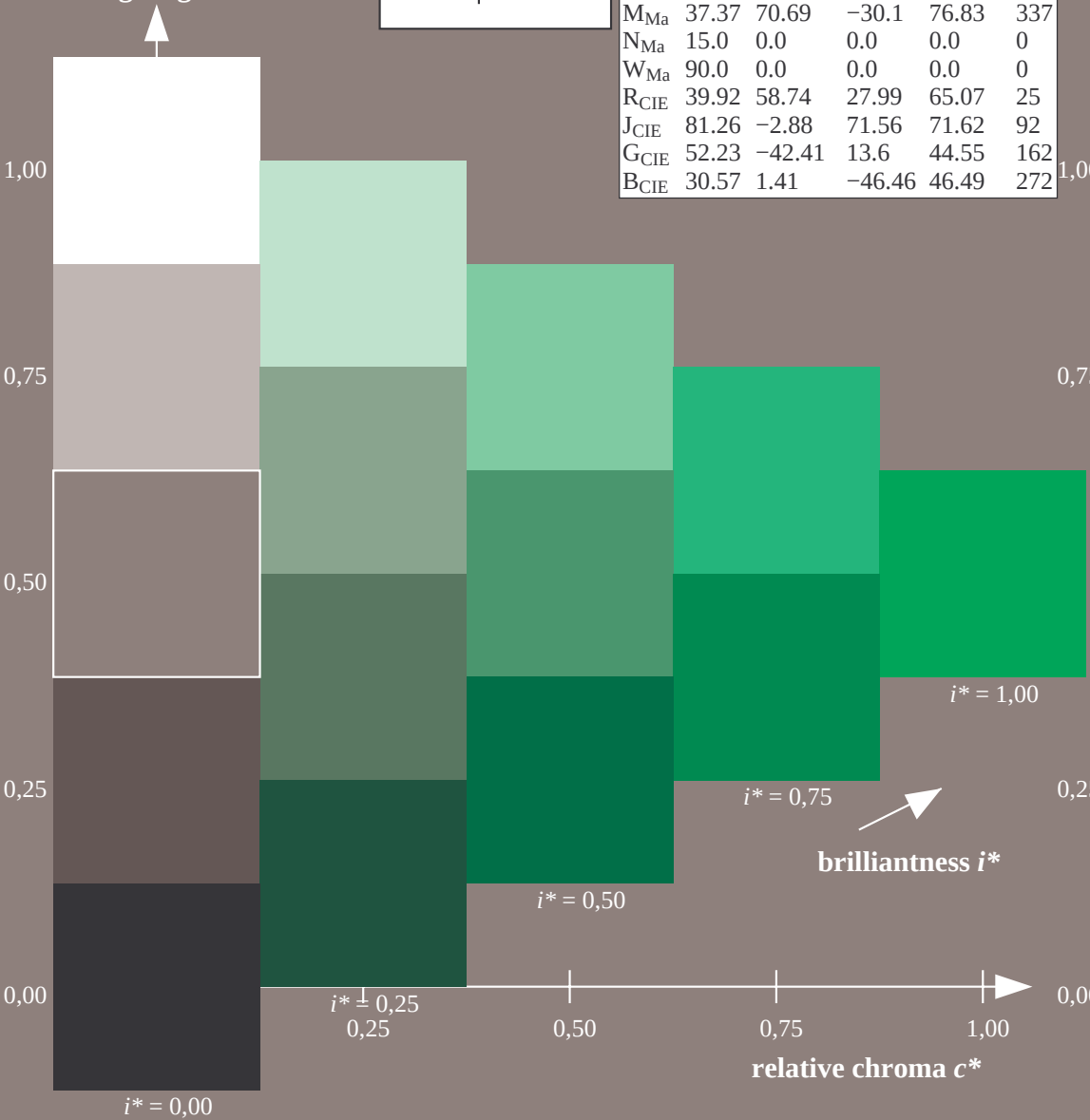
%Gamut

$u^*_{rel} = 88$

%Regularity

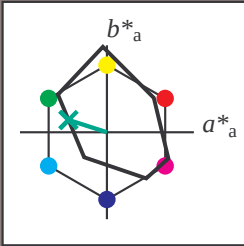
$g^*_{H,rel} = 31$

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



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$
data for any colour:
 lab^*ich^* and lab^*icu^*
elementary hue text:
 $u^* = g00b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

$u^* = g00b$



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

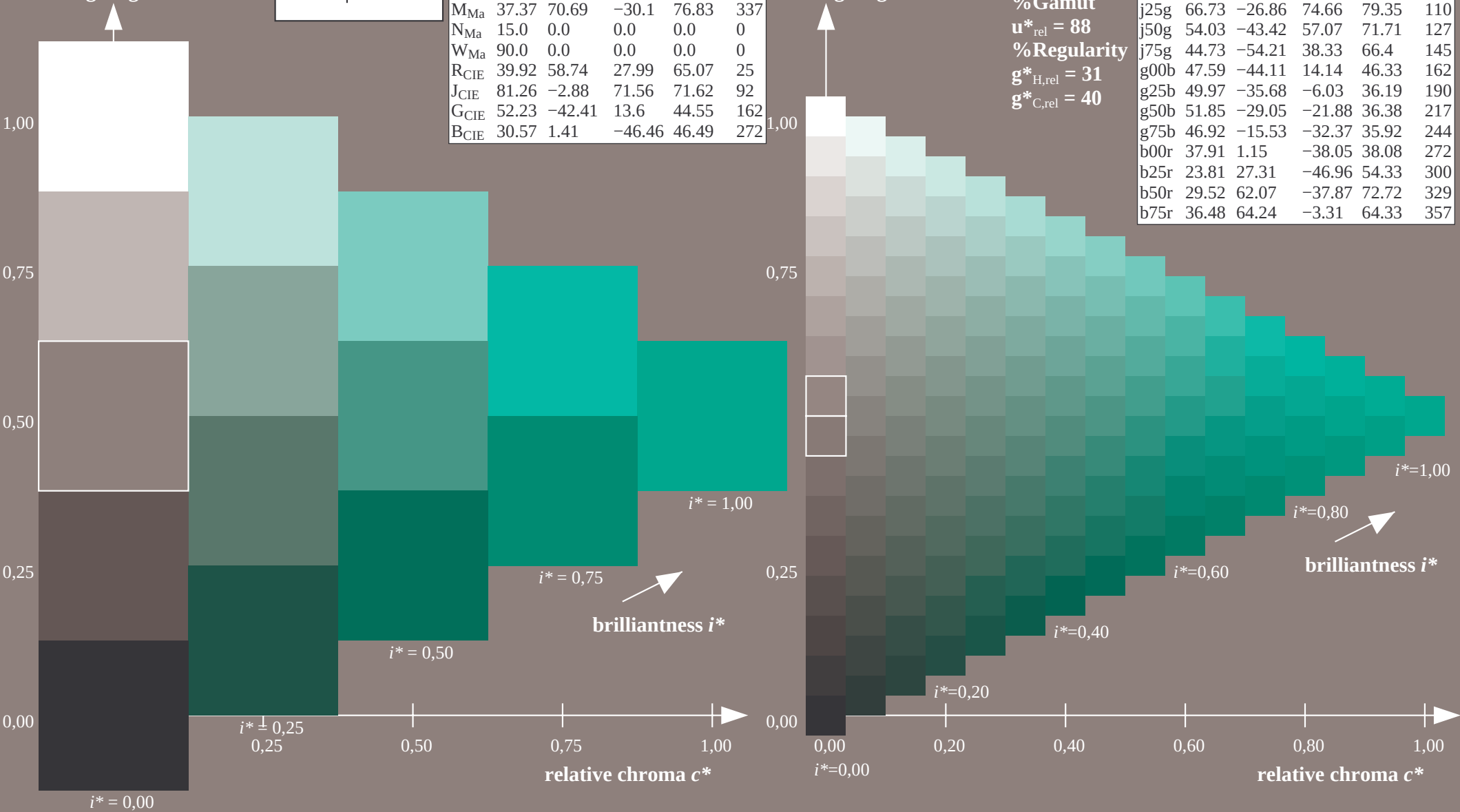
Data for maximum colour (Ma):

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

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

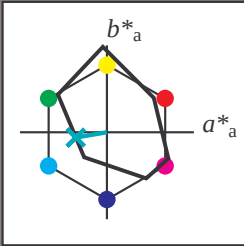


Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$
data for any colour:

$u^* = g25b$

contrast reduction factor:
 $c_R = 0.9$

triangle lightness t^*

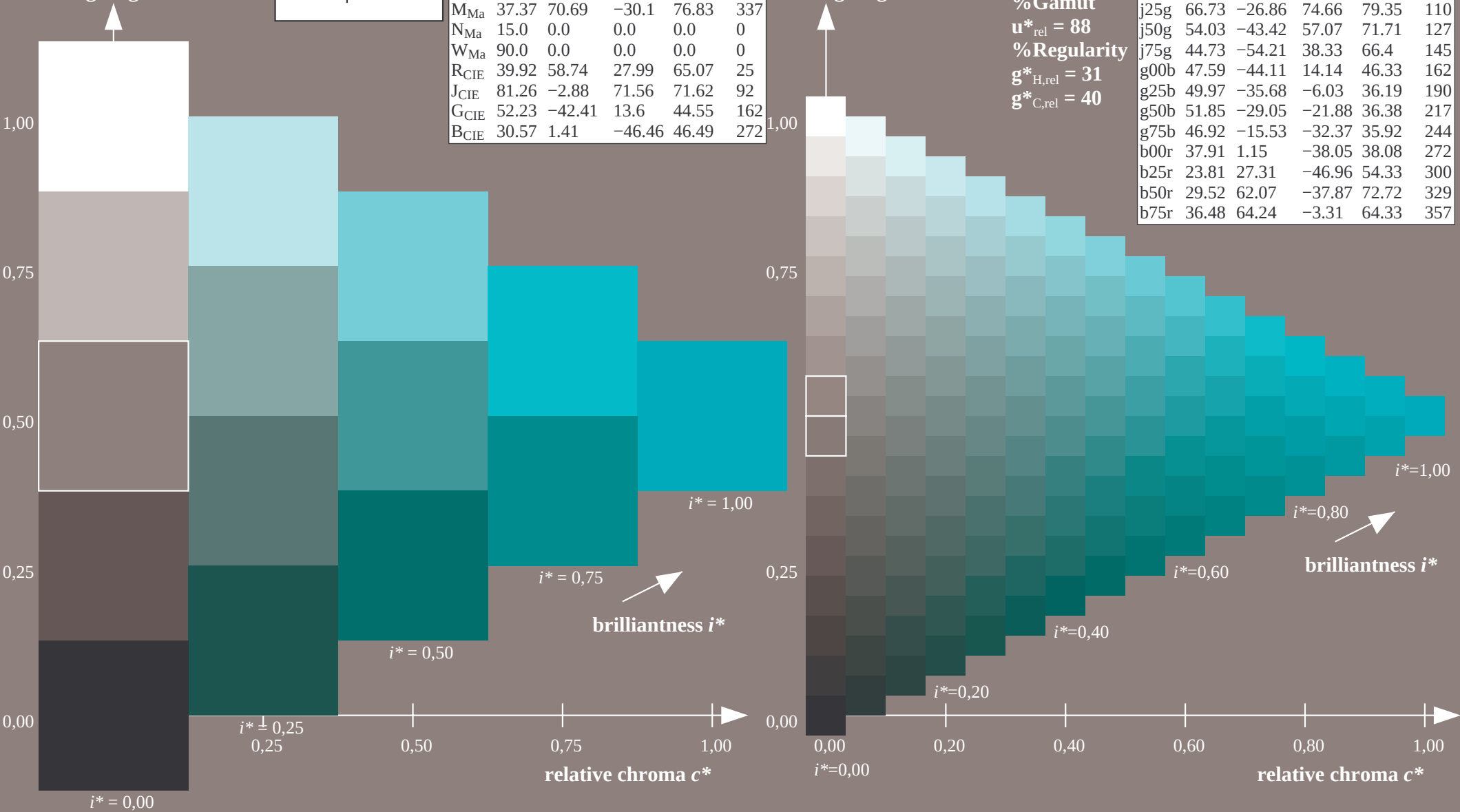


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

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

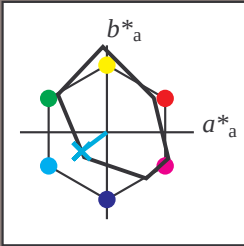


Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$
data for any colour:

$u^* = g50b$

contrast reduction factor:
 $c_R = 0.9$

triangle lightness t^*

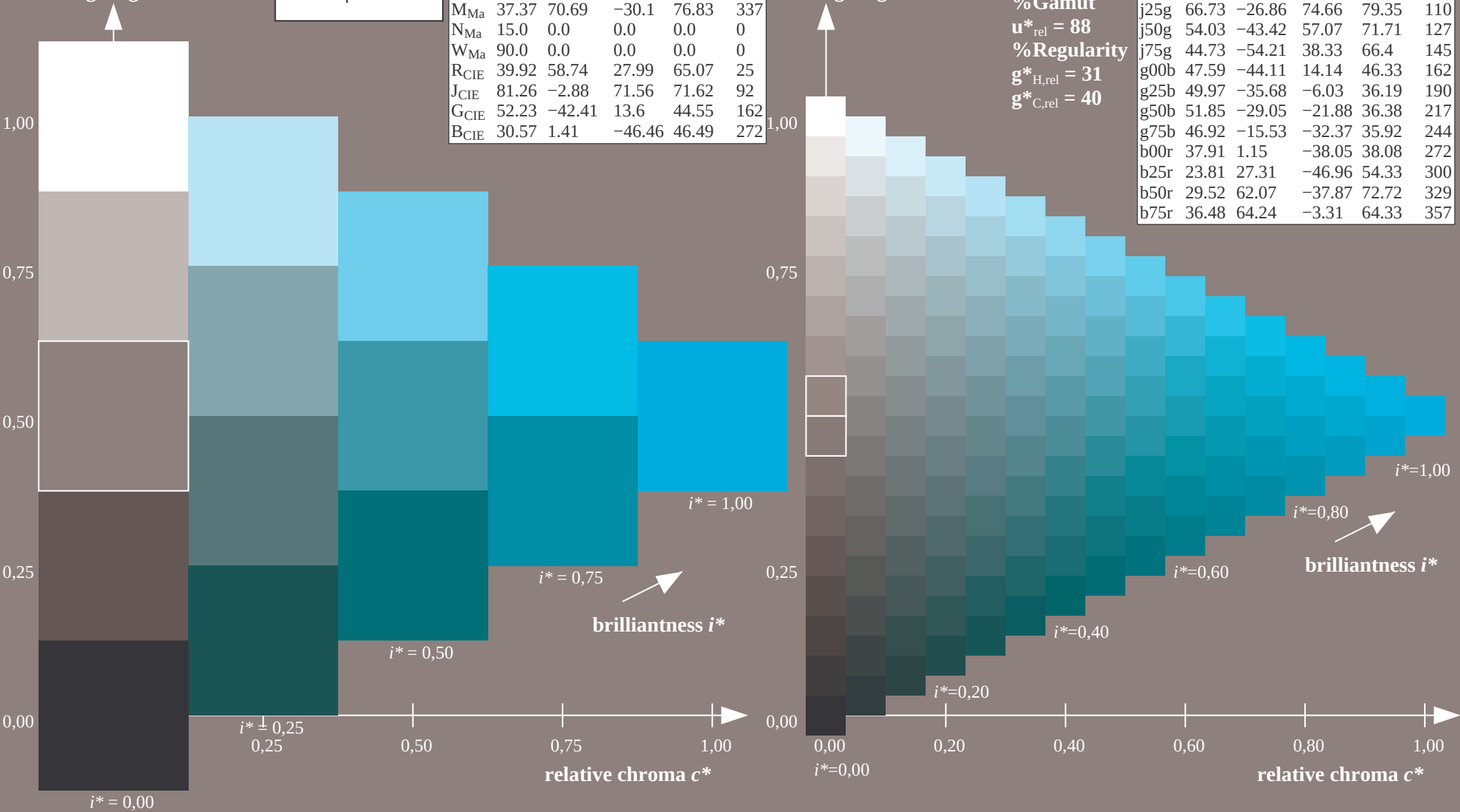


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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: 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

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



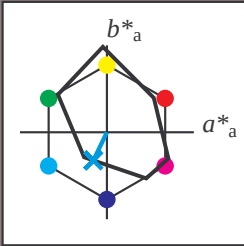
Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$
data for any colour:

$u^* = g75b$

contrast reduction factor:
 $c_R = 0.9$

triangle lightness t^*

$u^* = g75b$

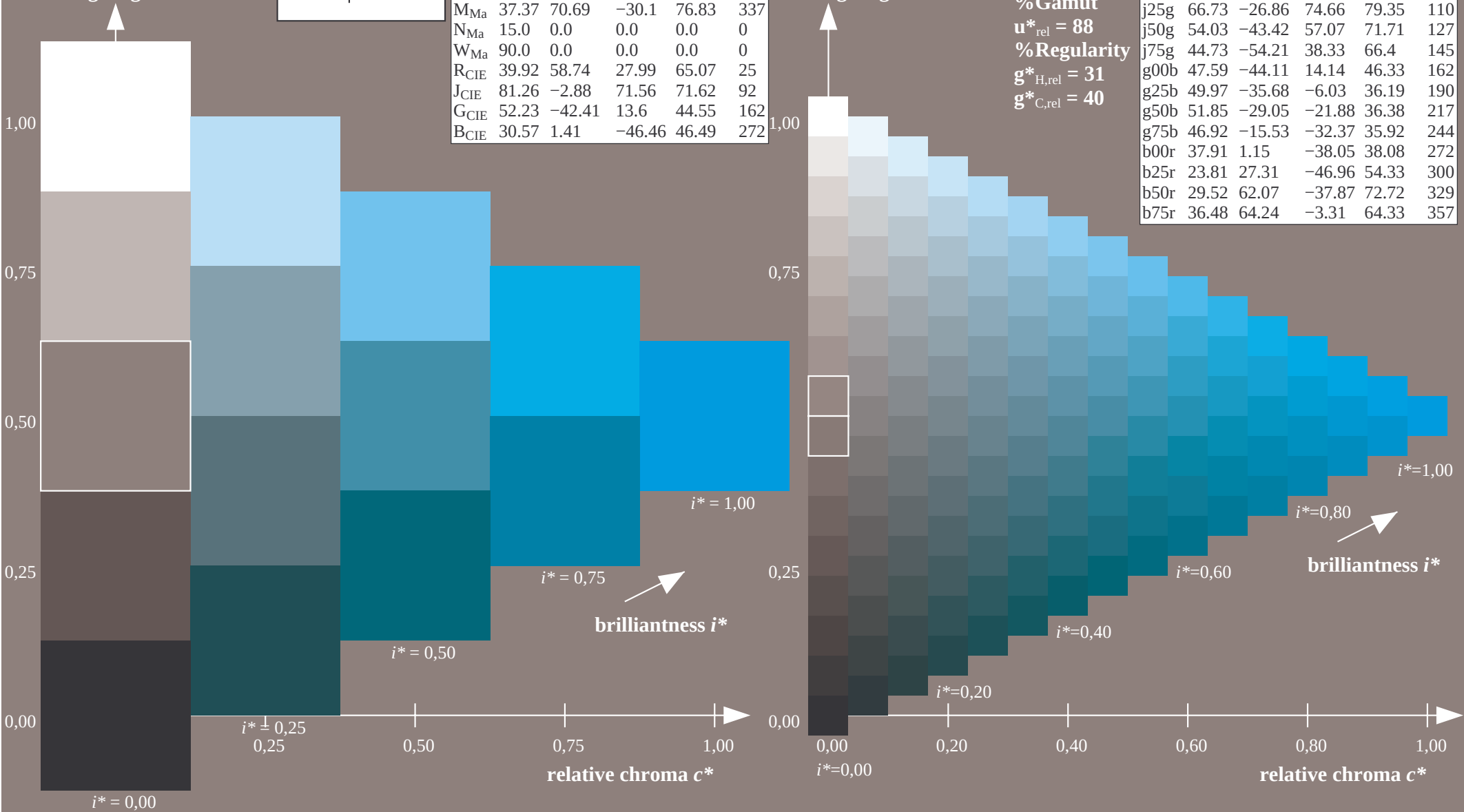


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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):

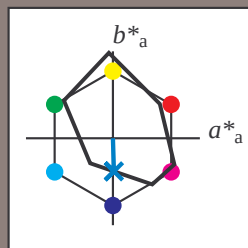
LAB*LAB*Ma: 47 -15 -31
LAB*LCH*Ma: 47 36 244
lab*rgb*Ma: 0.0 0.5 1.0
lab*olv*Ma: 0.0 0.85 1.0

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



$$u^* = b00r$$

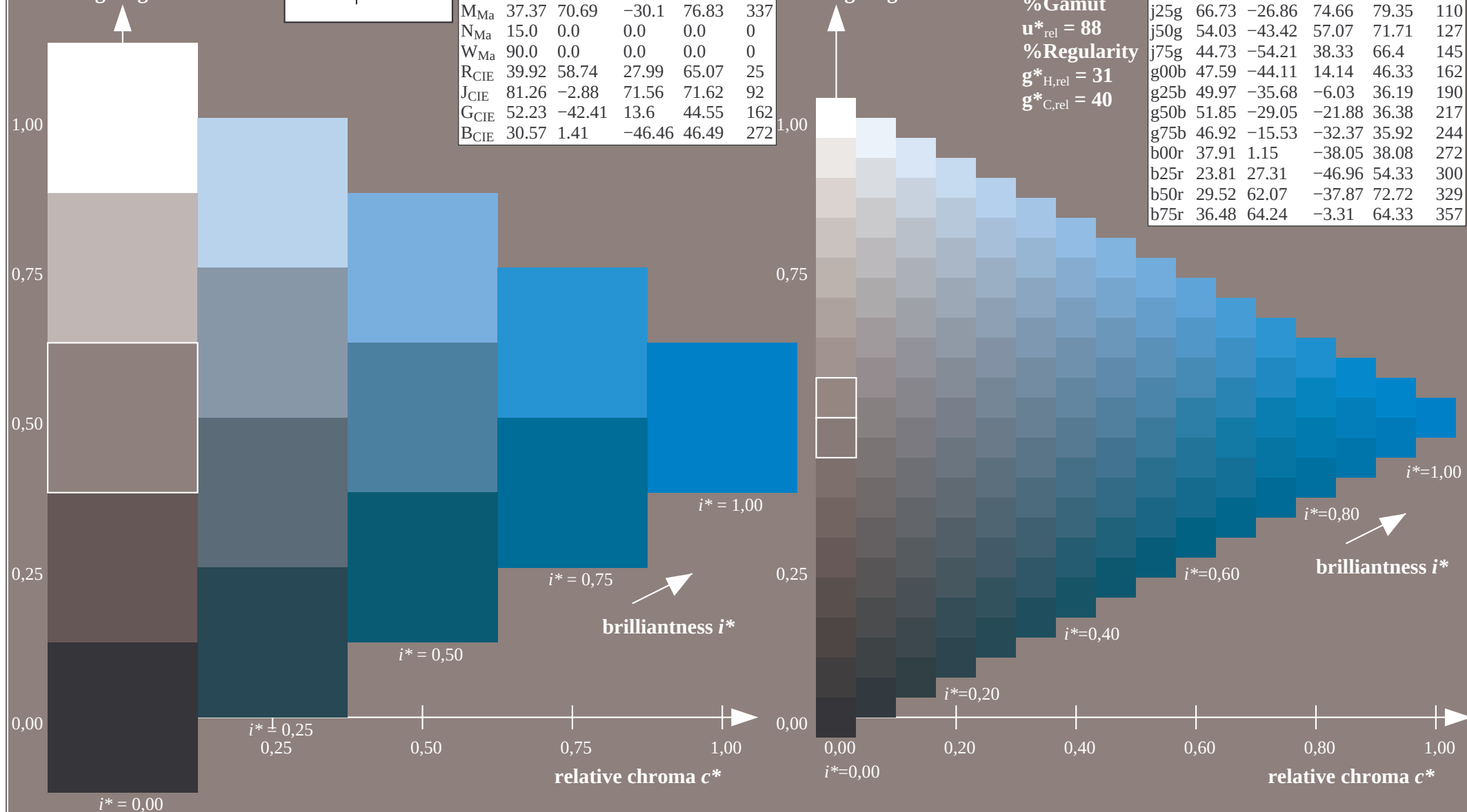
triangle lightness t^*



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^*

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	
y75g	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	



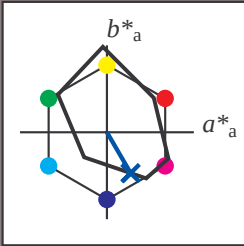
Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$
data for any colour:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*

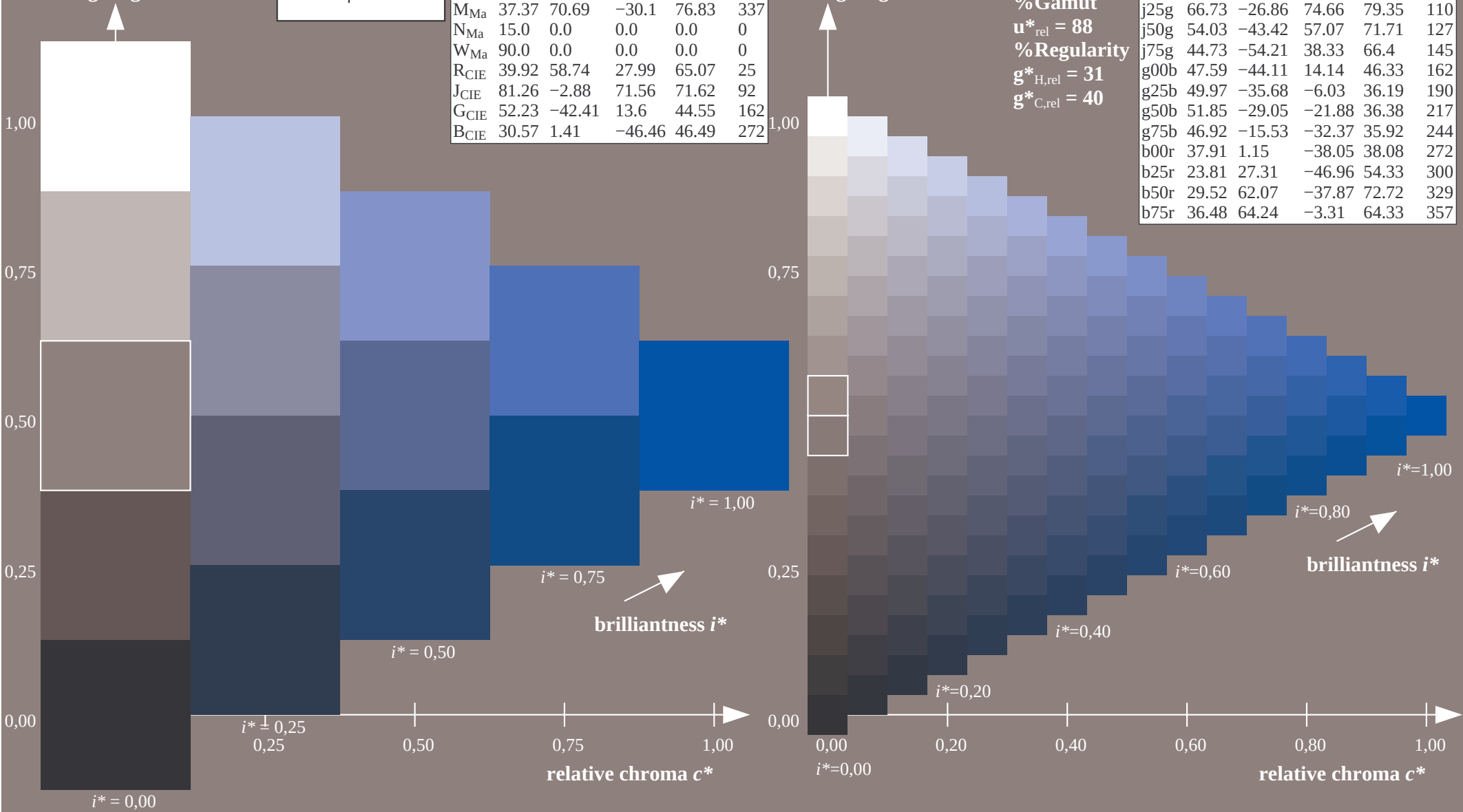


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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):

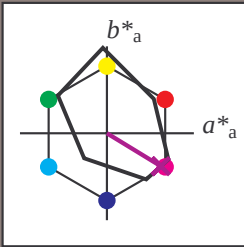
LAB*LAB*Ma: 24 27 -46
LAB*LCH*Ma: 24 54 300
lab*rgb*Ma: 0.5 0.0 1.0
lab*olv*Ma: 0.0 0.25 1.0

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 $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$
data for any colour:
 lab^*ich^* and lab^*icu^*
elementary hue text:
 $u^* = b50r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

$u^* = b50r$

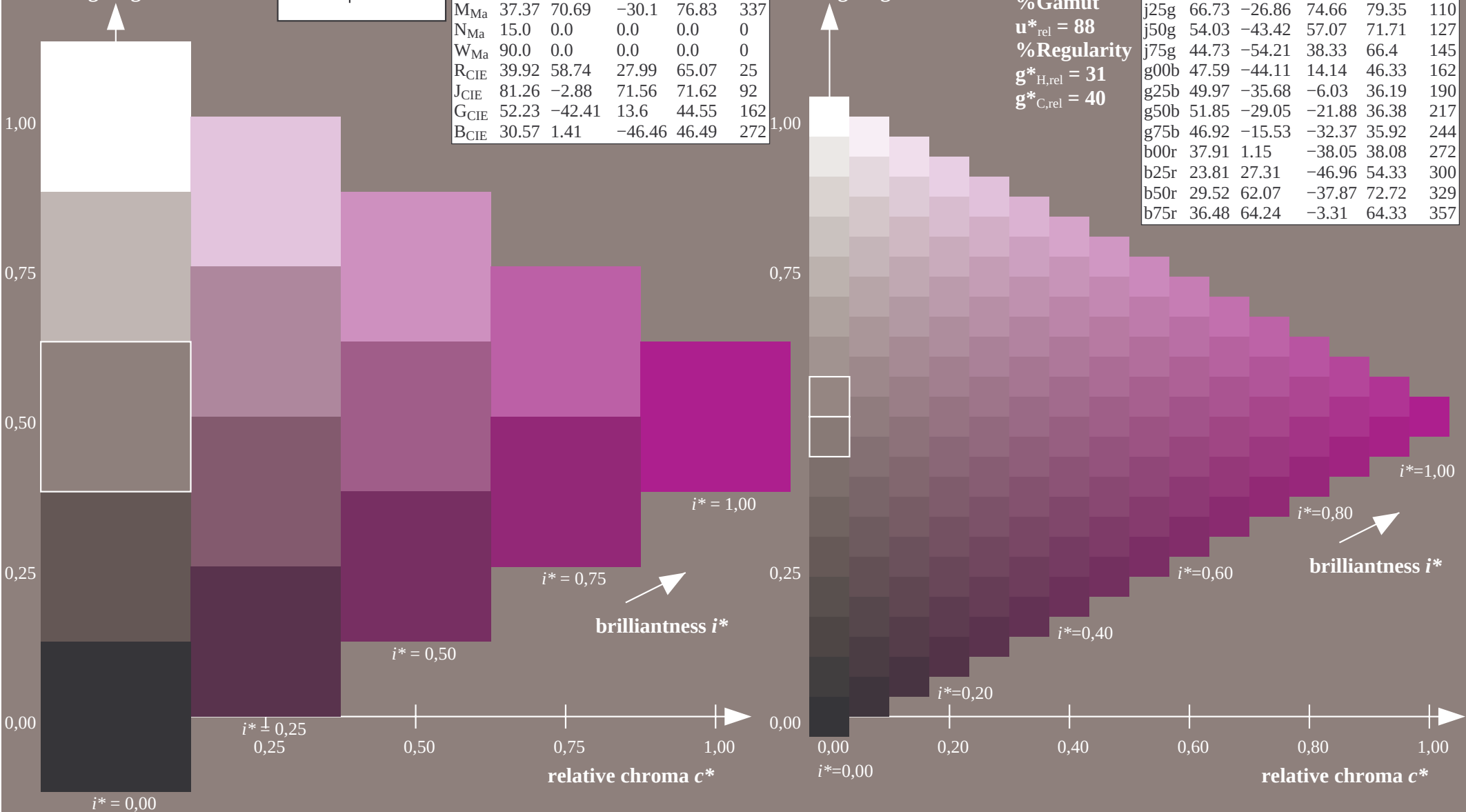


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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):

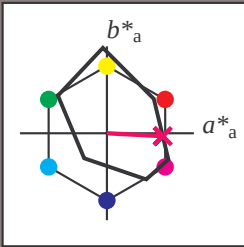
LAB^*LAB^*Ma : 30 62 -37
 LAB^*LCH^*Ma : 30 73 329
 lab^*rgb^*Ma : 1.0 0.0 1.0
 lab^*olv^*Ma : 0.66 0.0 1.0

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 $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$
data for any colour:
 lab^*ich^* and lab^*icu^*
elementary hue text:
 $u^* = b75r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

$u^* = b75r$



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

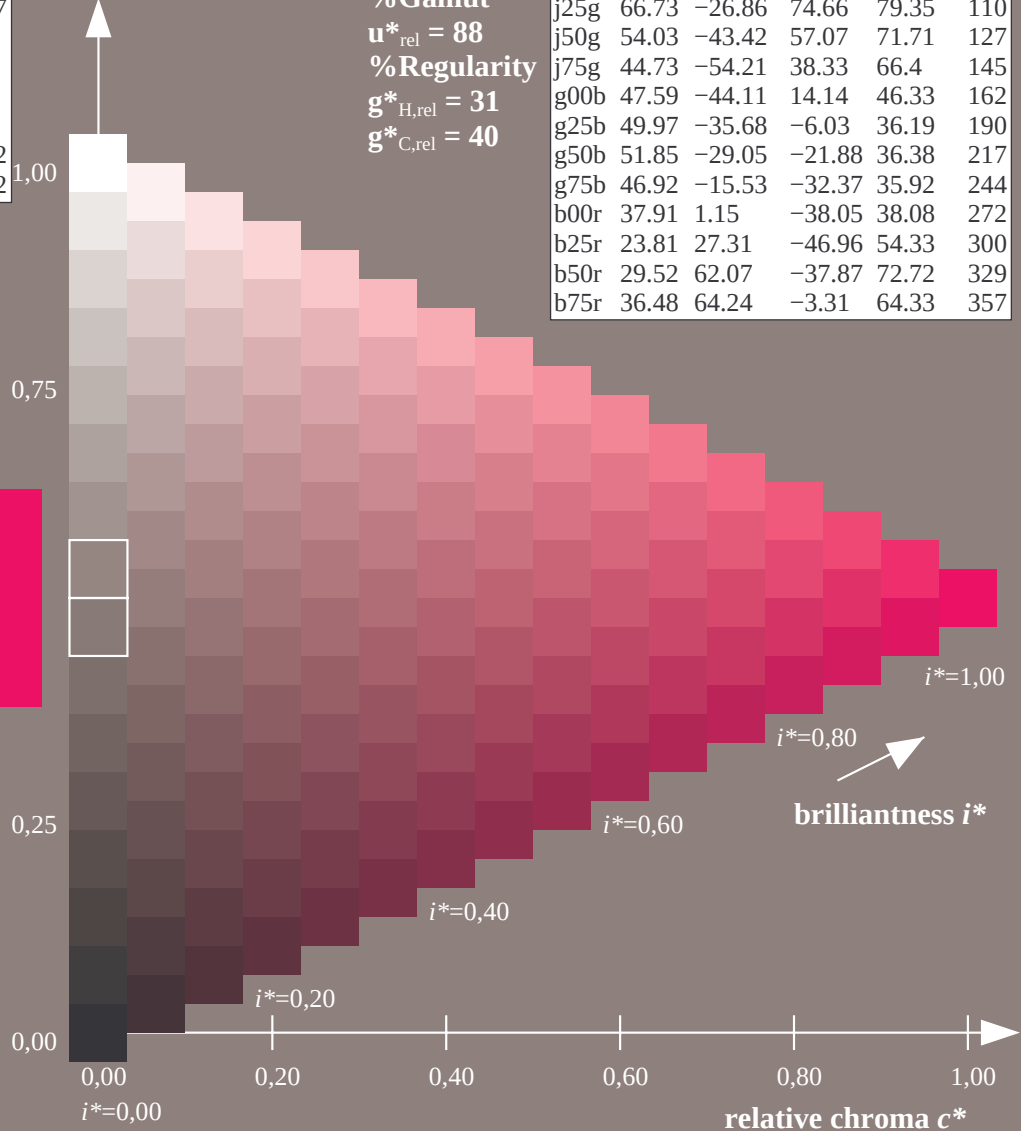
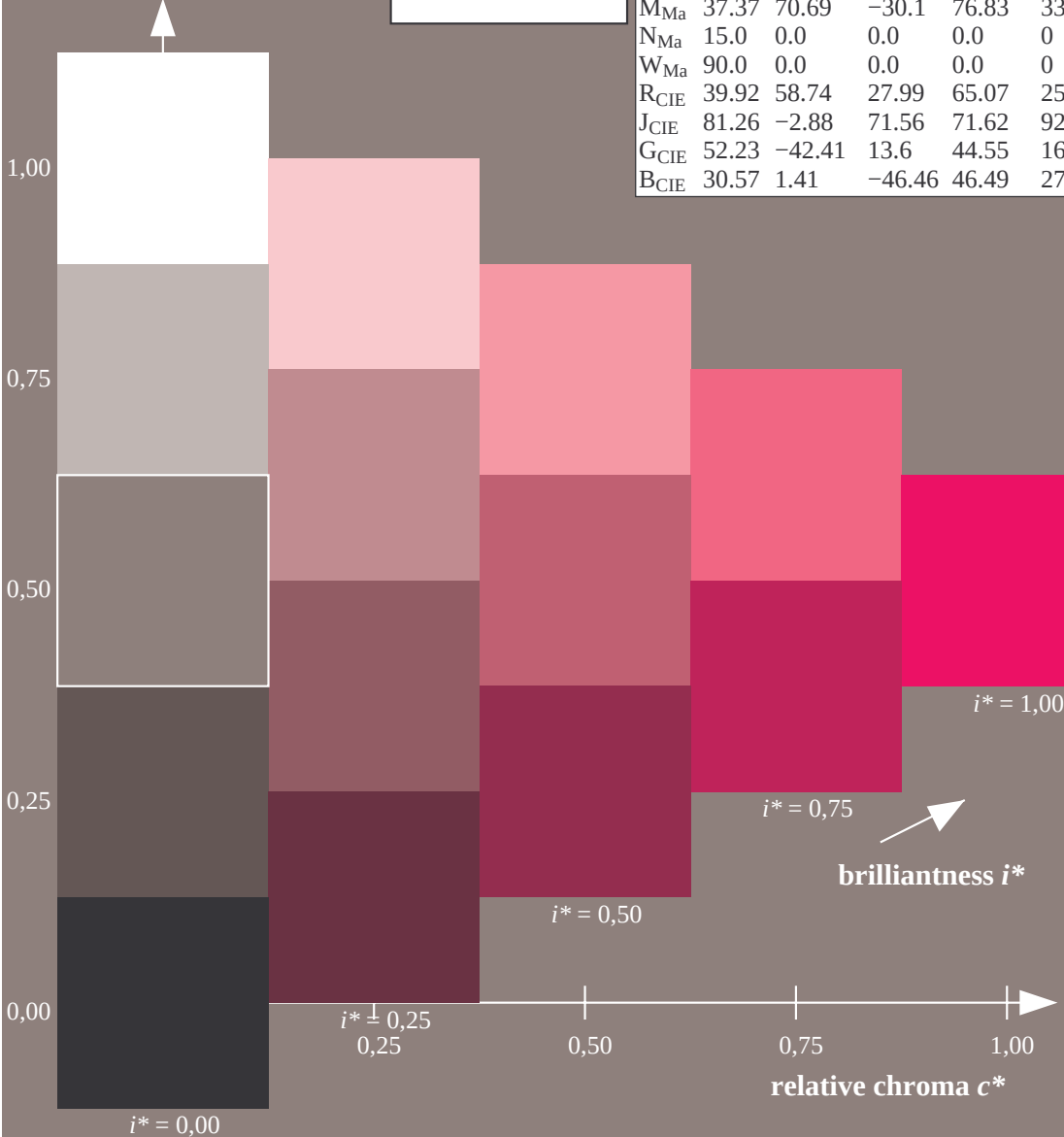
Data for maximum colour (Ma):

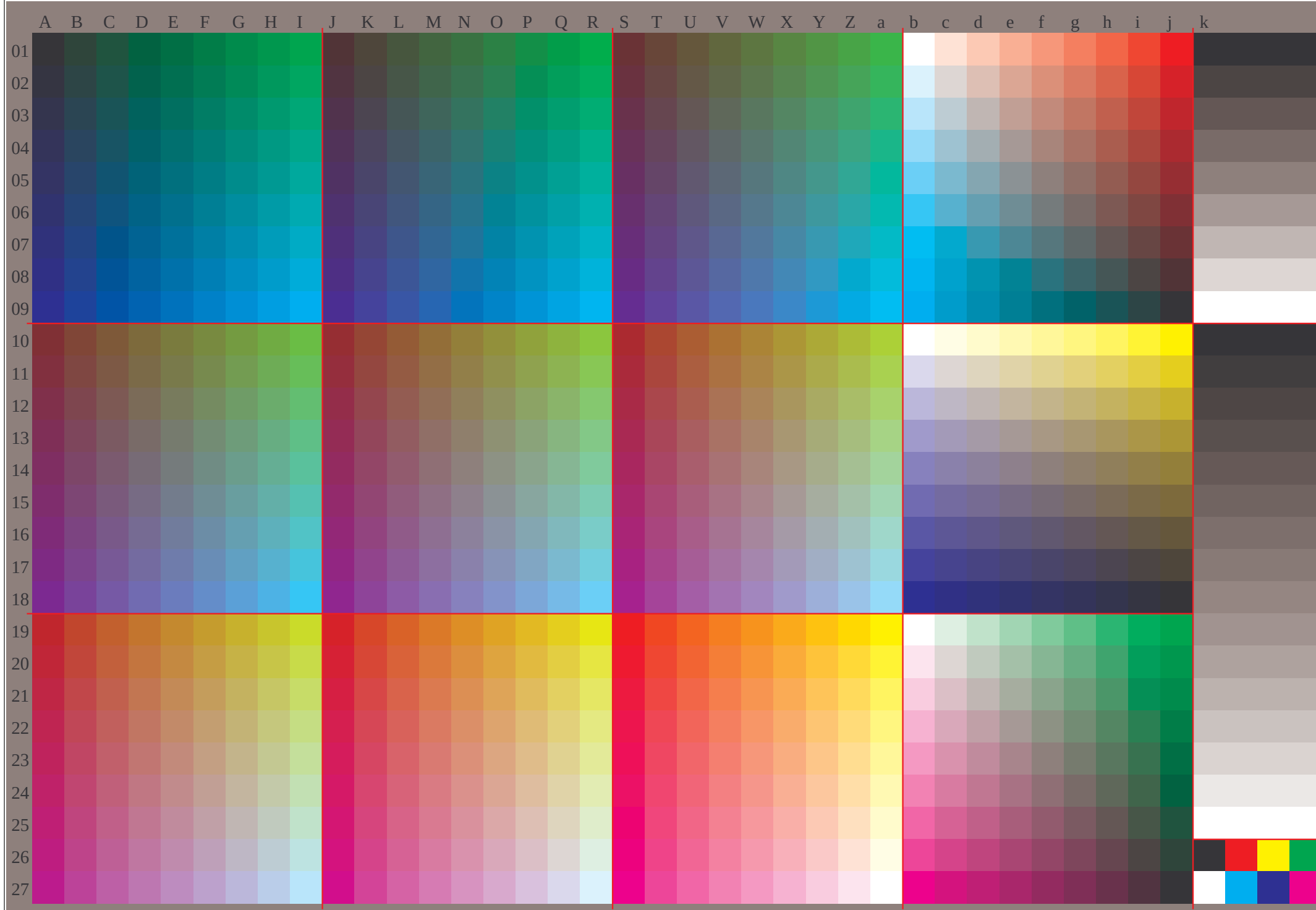
$LAB^*LAB^*Ma: 36\ 64\ -2$
 $LAB^*LCH^*Ma: 36\ 64\ 357$
 $lab^*rgb^*Ma: 1.0\ 0.0\ 0.5$
 $lab^*olv^*Ma: 1.0\ 0.0\ 0.62$

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^*

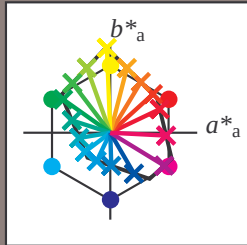
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$





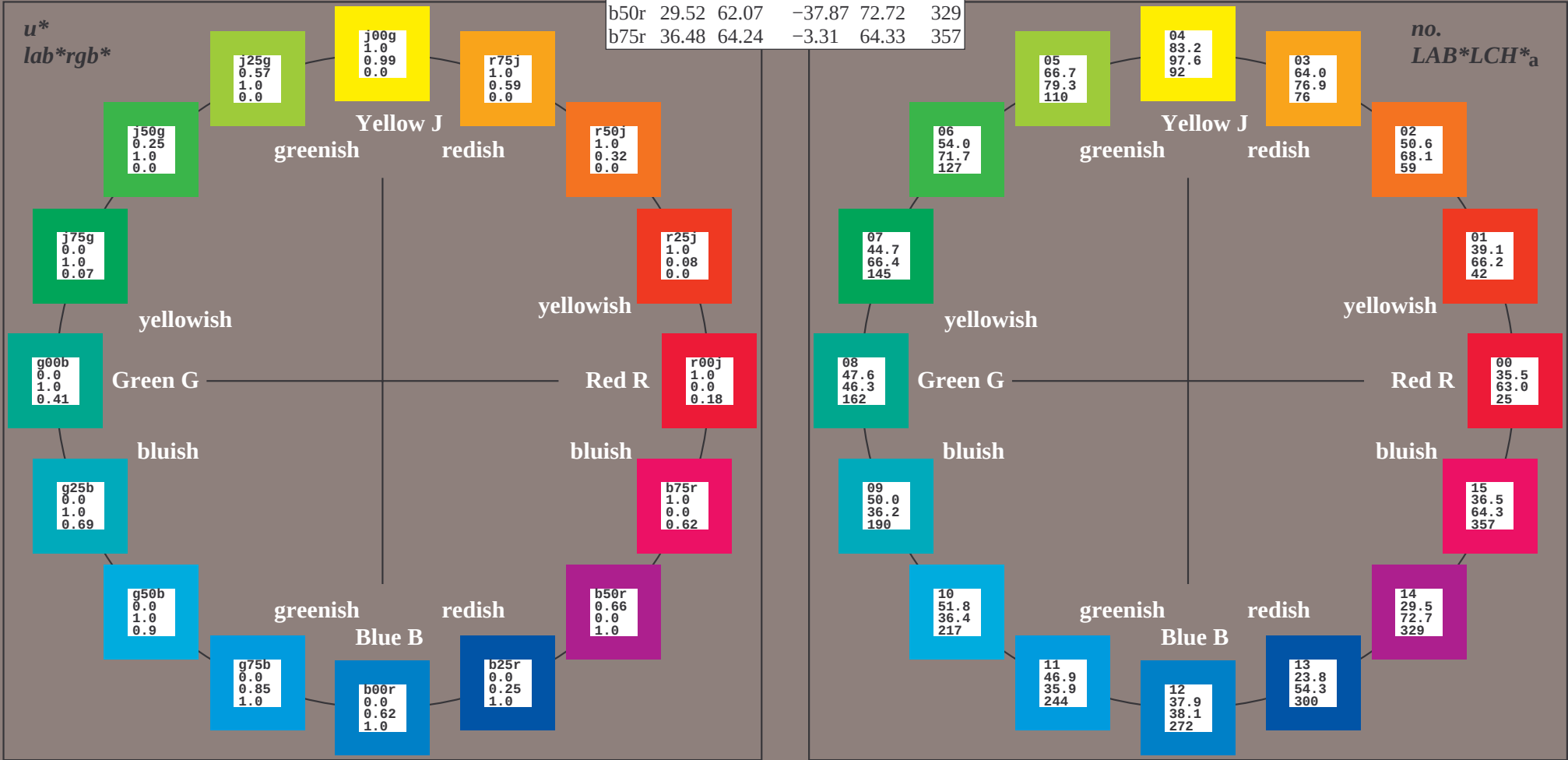
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
 $lab^{*}tch^{*}$ and $lab^{*}icu^{*}$
elementary hue text:
 $u^{*} = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.9$

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



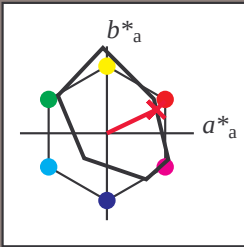
%Gamut
 $u^{*}_{rel} = 88$
%Regularity
 $g^{*}_{H,rel} = 31$
 $g^{*}_{C,rel} = 40$

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

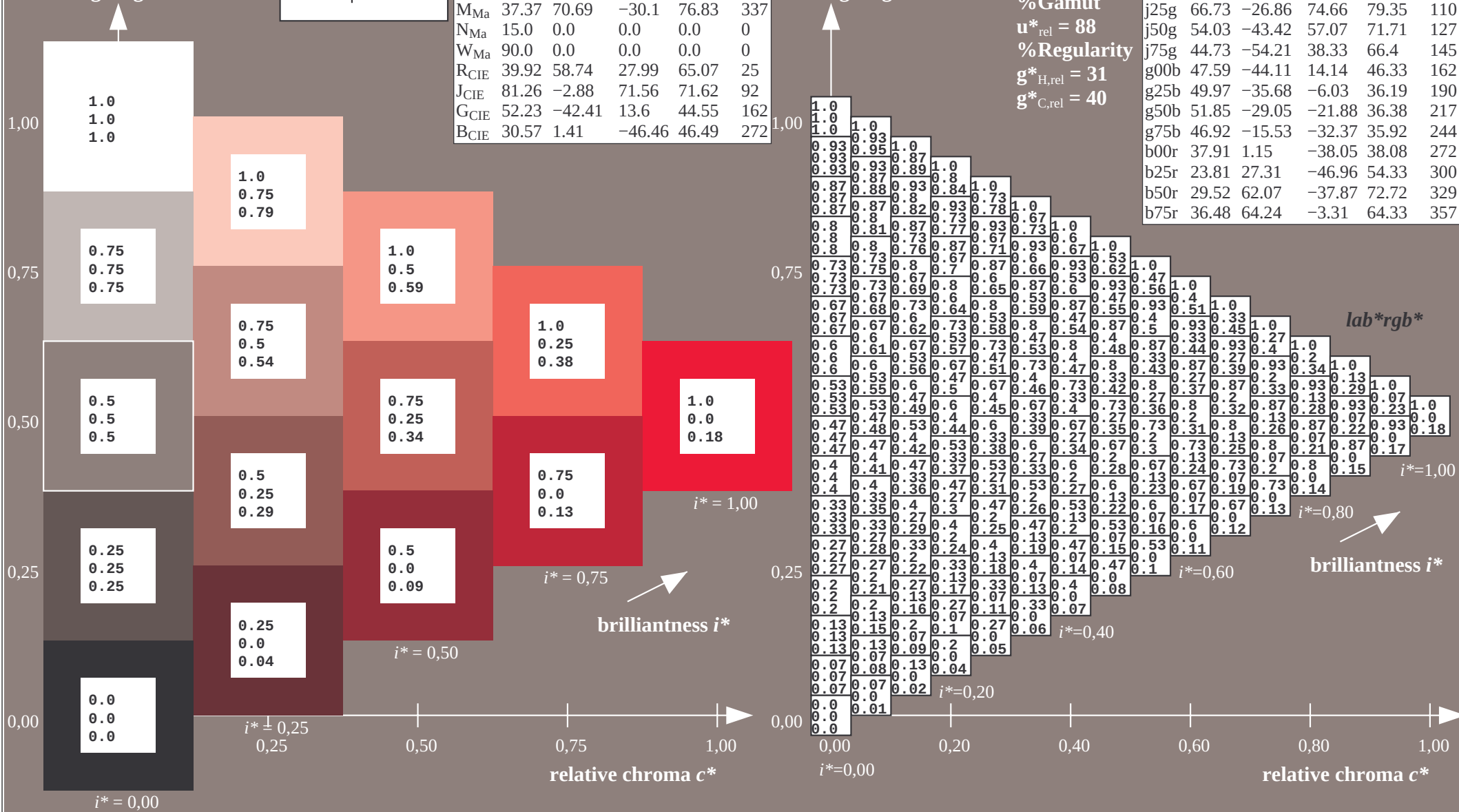
$u^*_{rel} = 88$

%Regularity

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

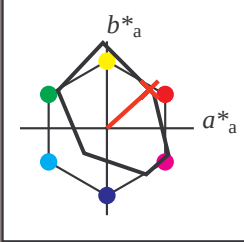
$g^*_{C,rel} = 40$

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

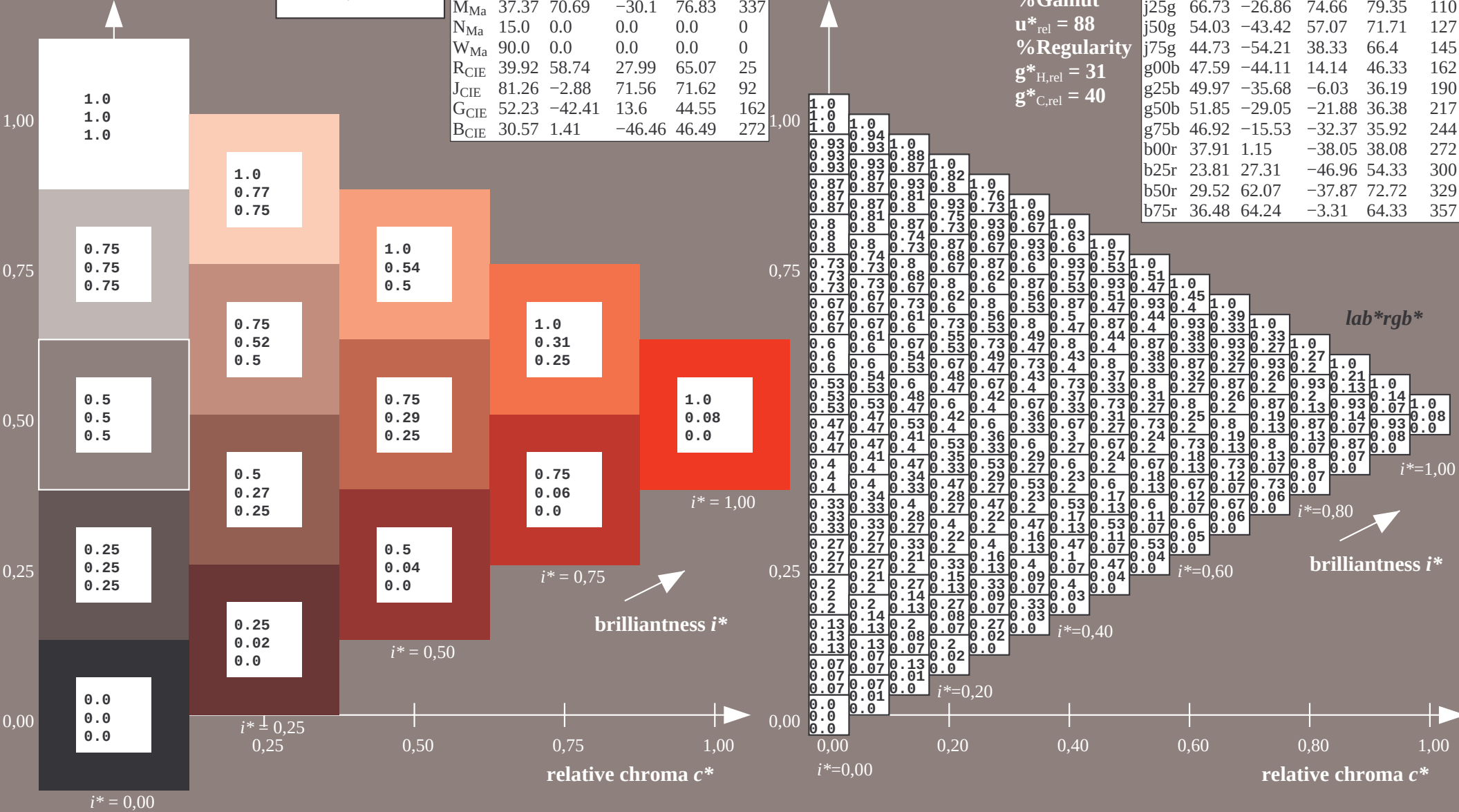
$u^*_{rel} = 88$

%Regularity

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

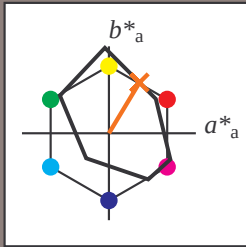
$g^*_{C,rel} = 40$

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^*



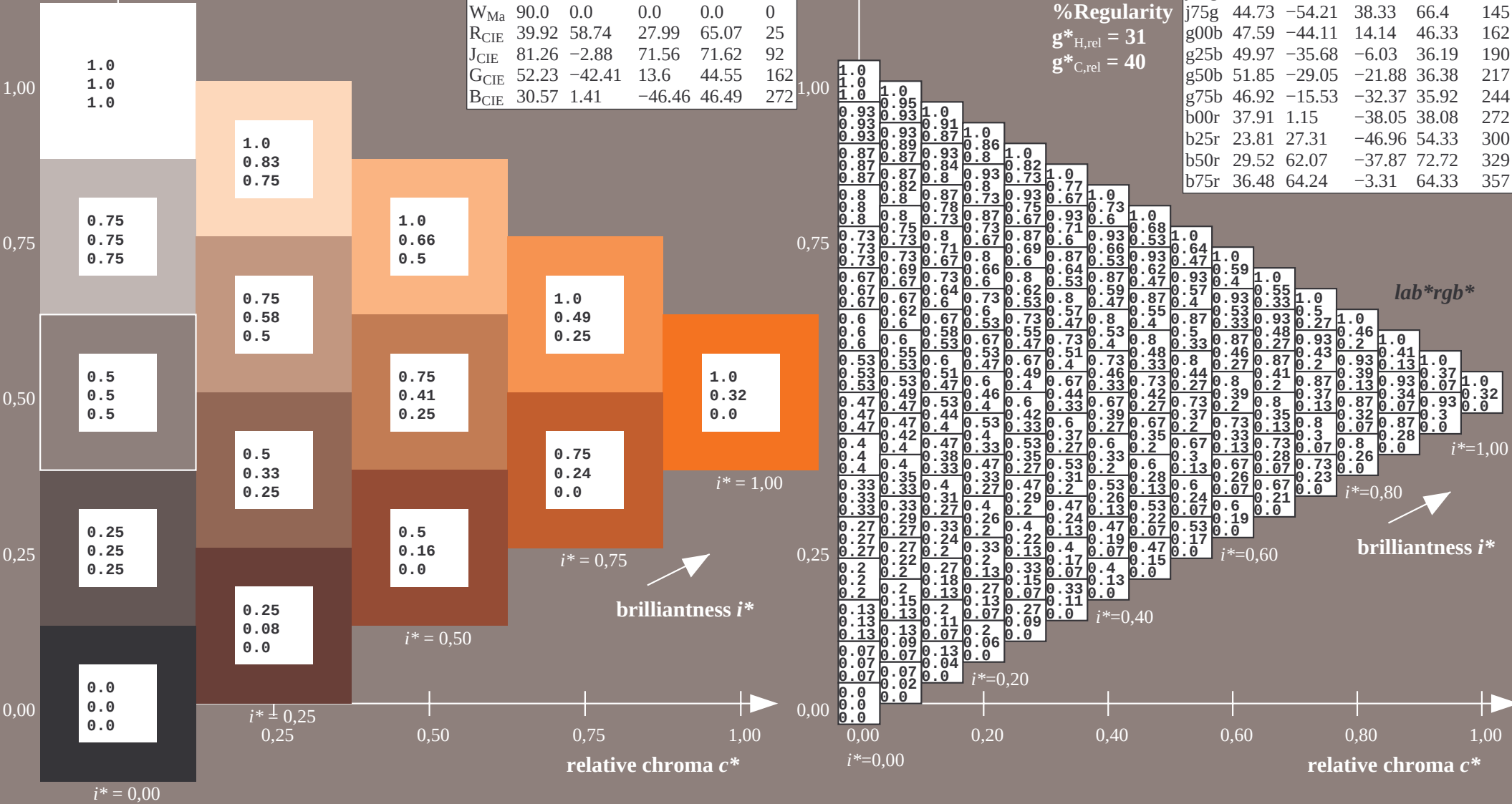
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

$triangle\ lightness\ t^*$

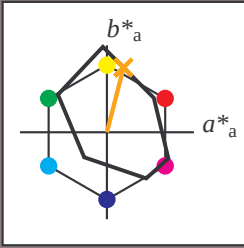
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

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

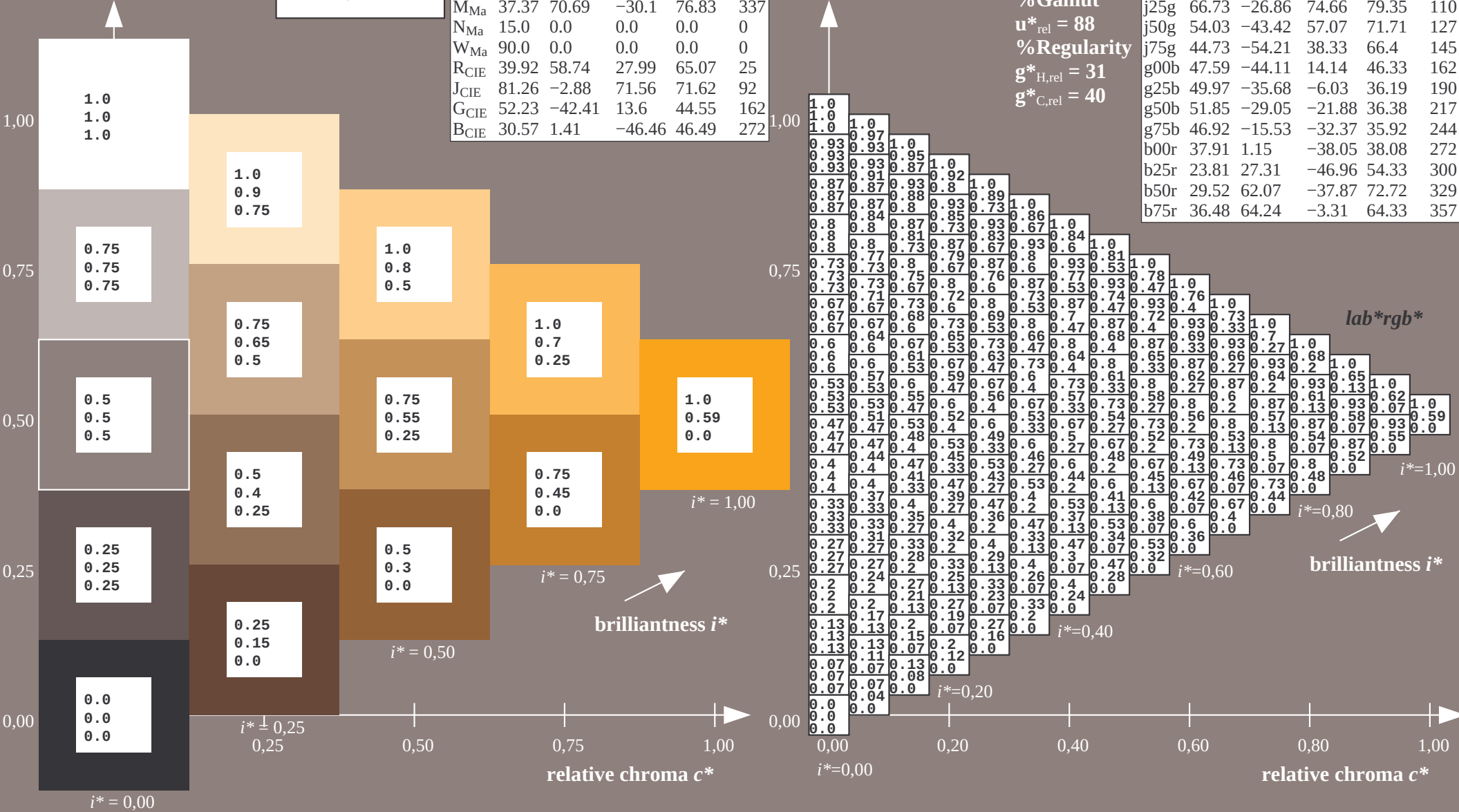
$u^*_{rel} = 88$

%Regularity

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

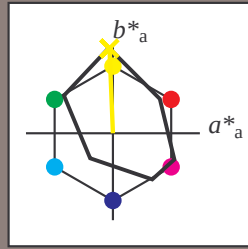
$g^*_{C,rel} = 40$

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

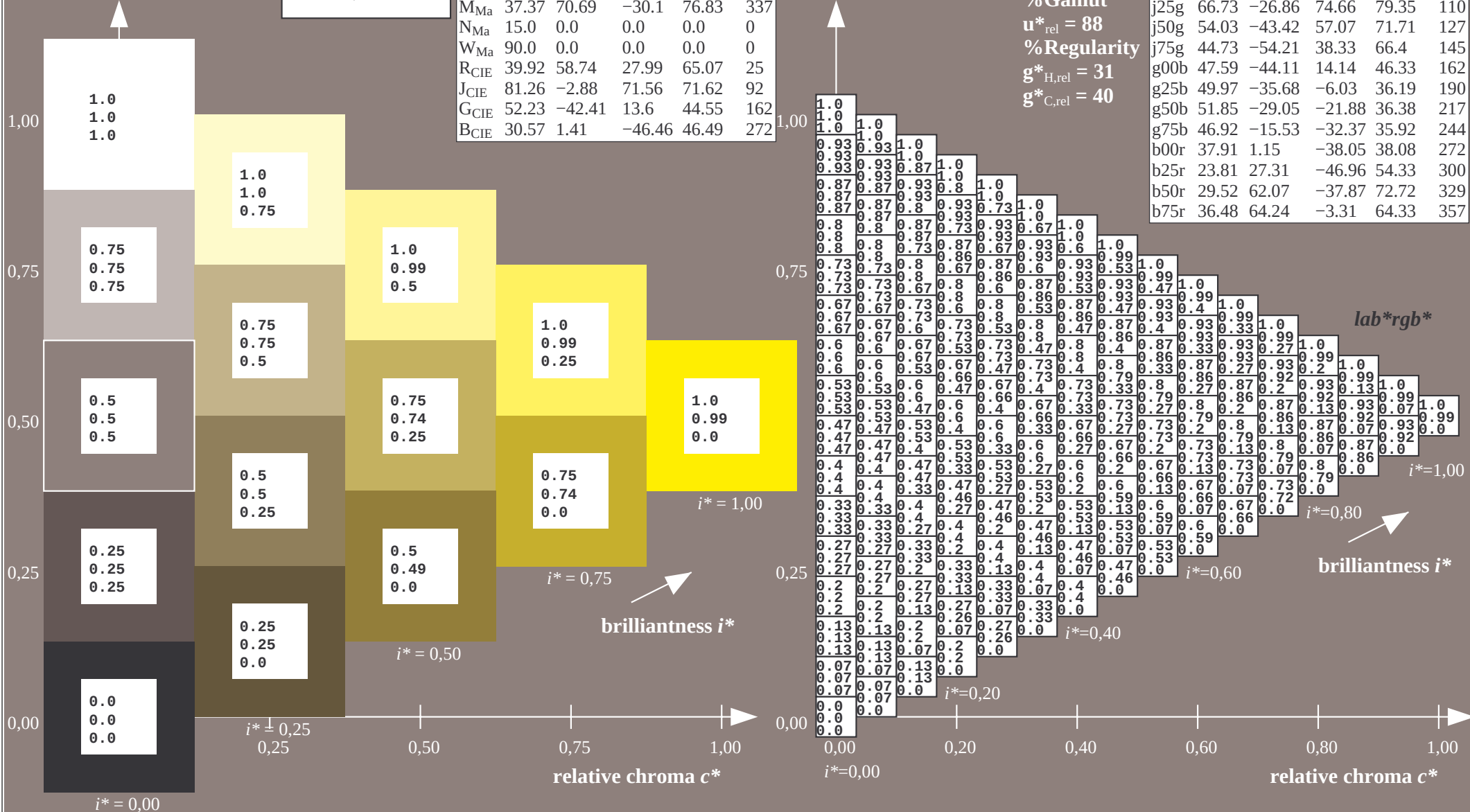
$u^*_{rel} = 88$

%Regularity

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

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

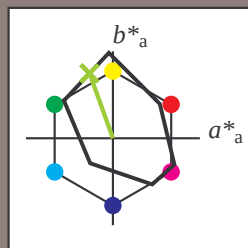
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	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



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

$$u^* = j25g$$

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^*


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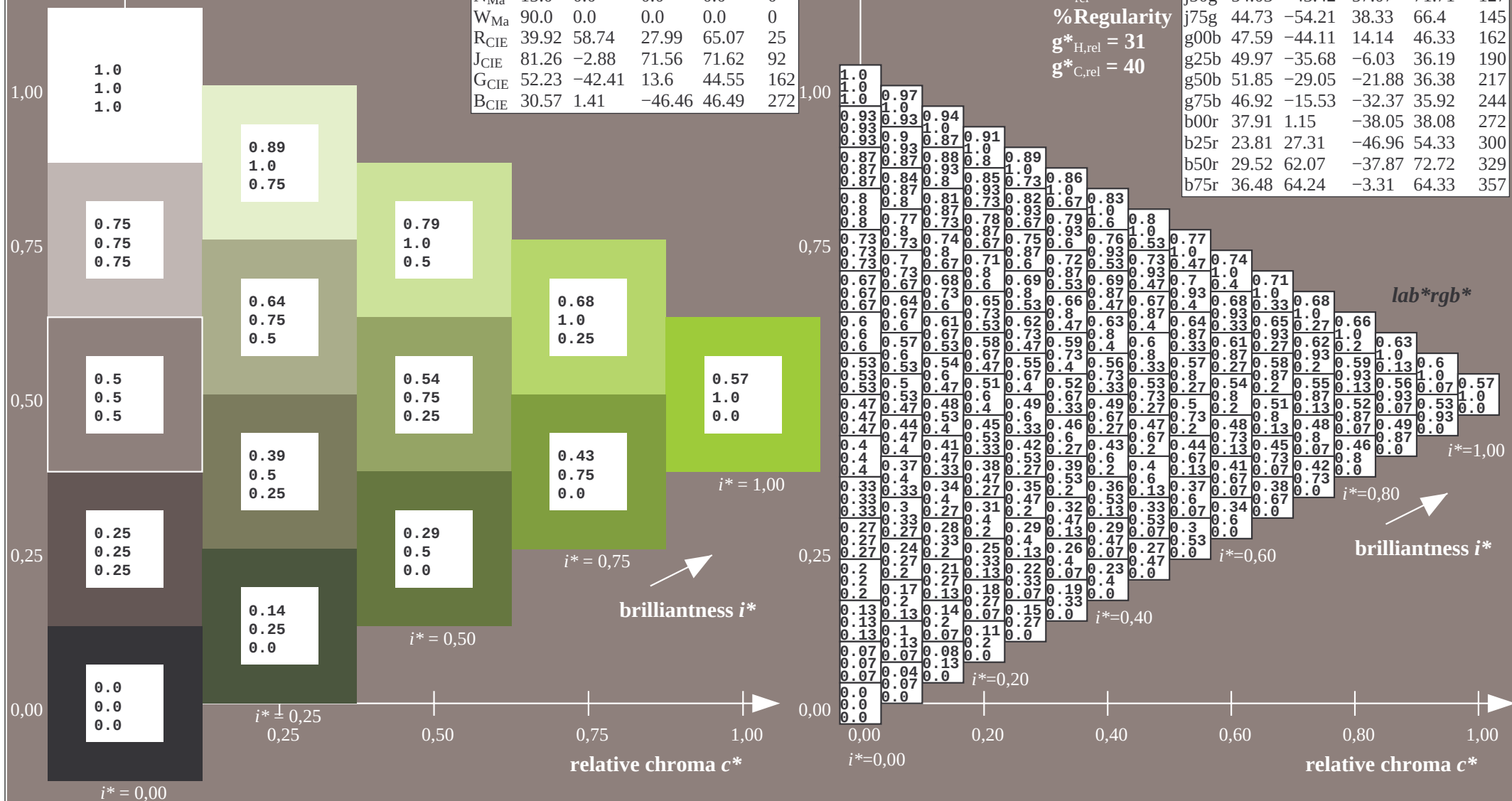
% Gamut

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

%Regularity

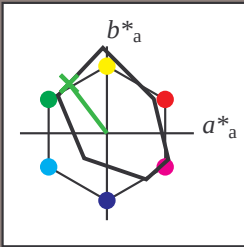
$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$

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



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

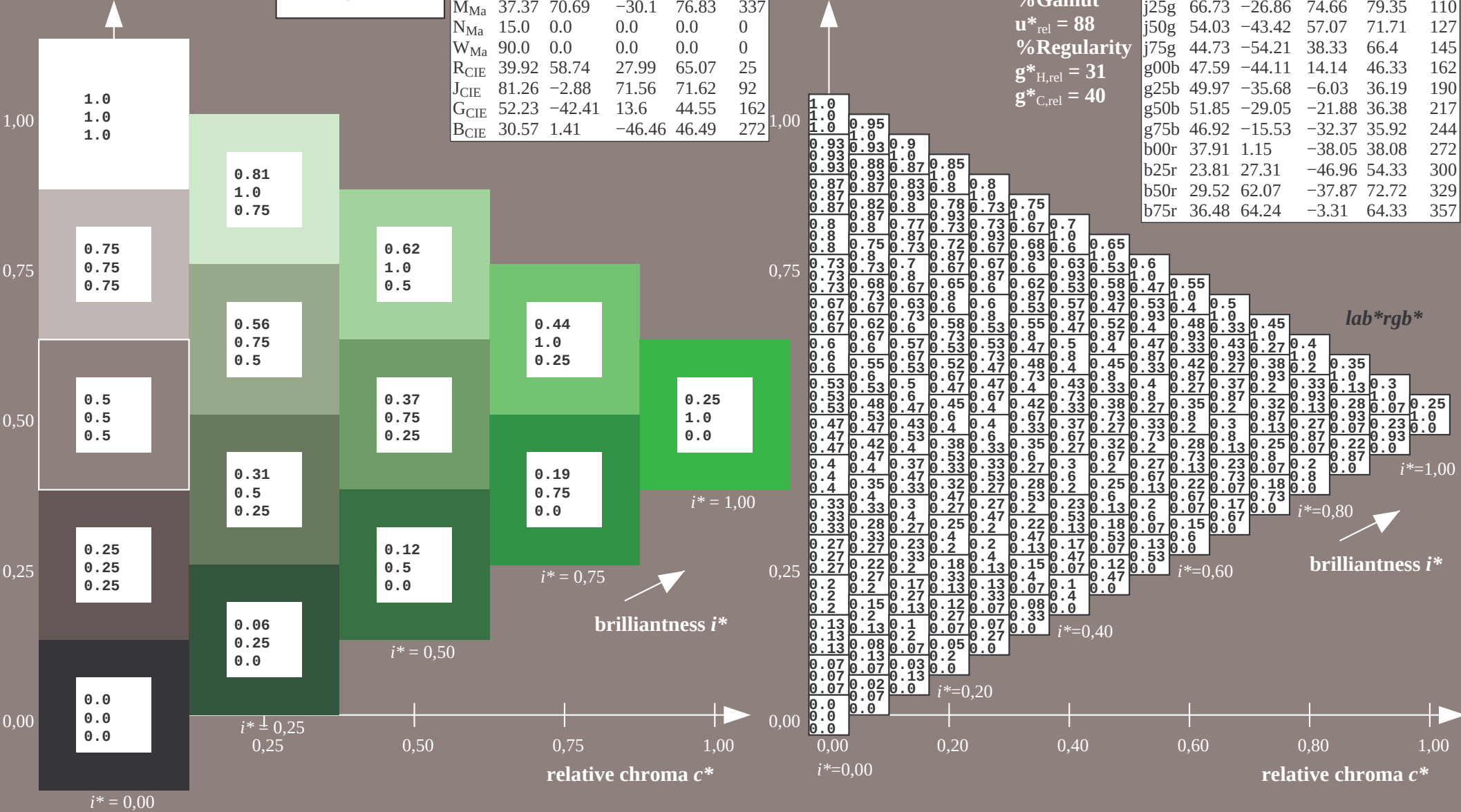
$u^*_{rel} = 88$

%Regularity

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

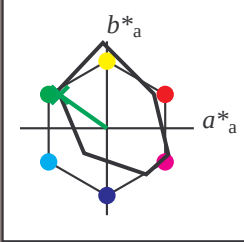
$g^*_{C,rel} = 40$

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



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

triangle lightness t^*

%Gamut

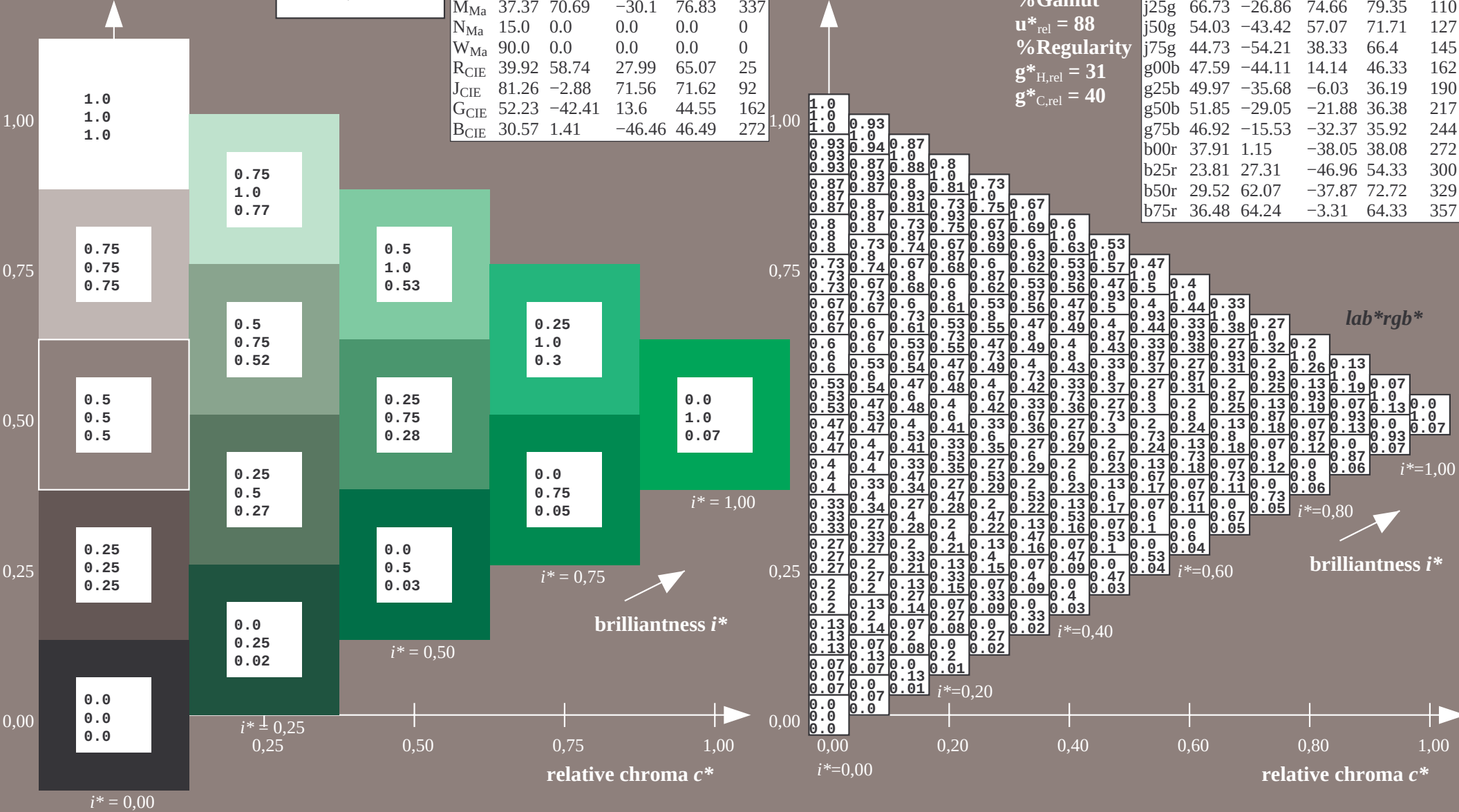
$u^*_{rel} = 88$

%Regularity

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

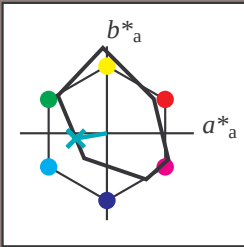
$g^*_{C,rel} = 40$

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:

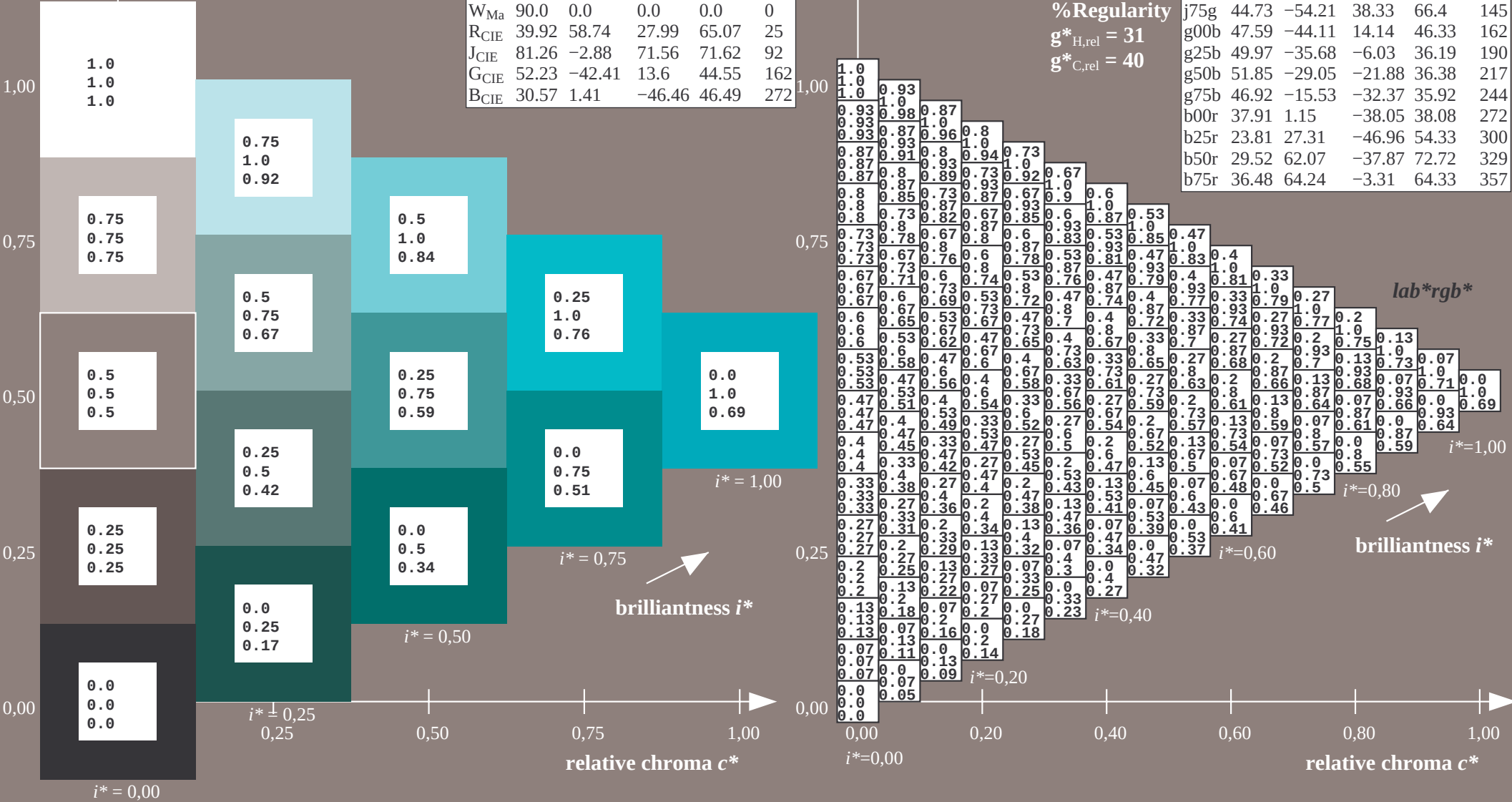
lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = g25b$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



FRS15_90aM; 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

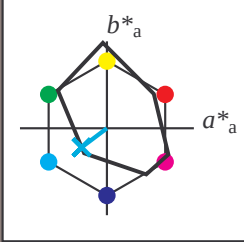
Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}: 50 \ -35 \ -5$
 $LAB^*LCH^*_{Ma}: 50 \ 36 \ 190$
 $lab^*rgb^*_{Ma}: 0.0 \ 1.0 \ 0.5$
 $lab^*olv^*_{Ma}: 0.0 \ 1.0 \ 0.69$

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 $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$ $u^* = g50b$
 lab^*rgb^*
data for any colour:

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



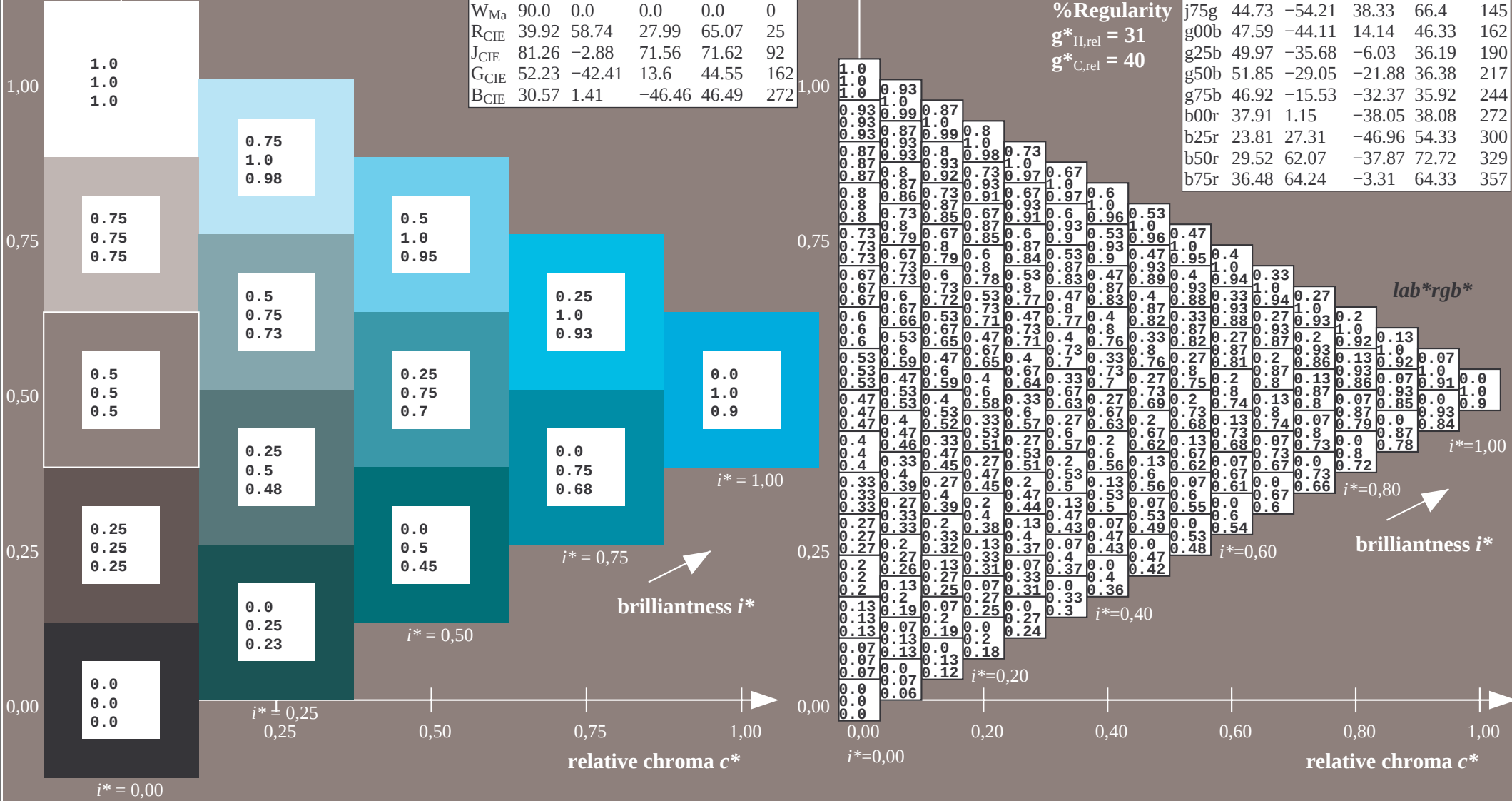
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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):

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

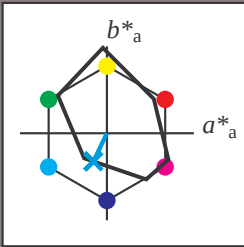
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	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 $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$
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; 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):

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

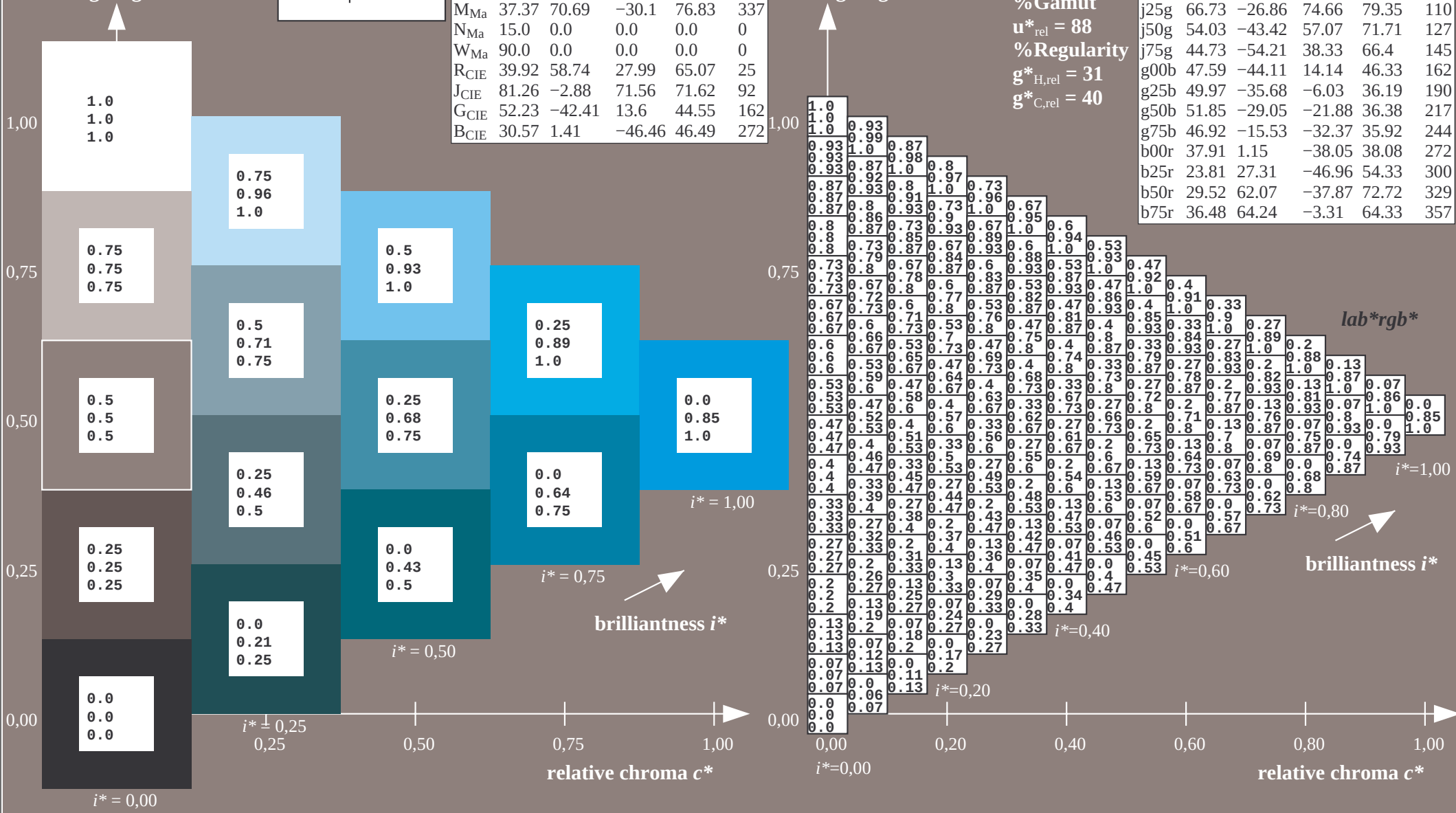
$u^*_{rel} = 88$

%Regularity

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

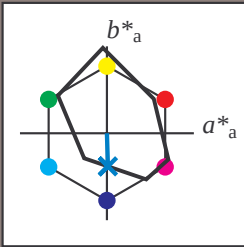
$g^*_{C,rel} = 40$

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 $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$
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

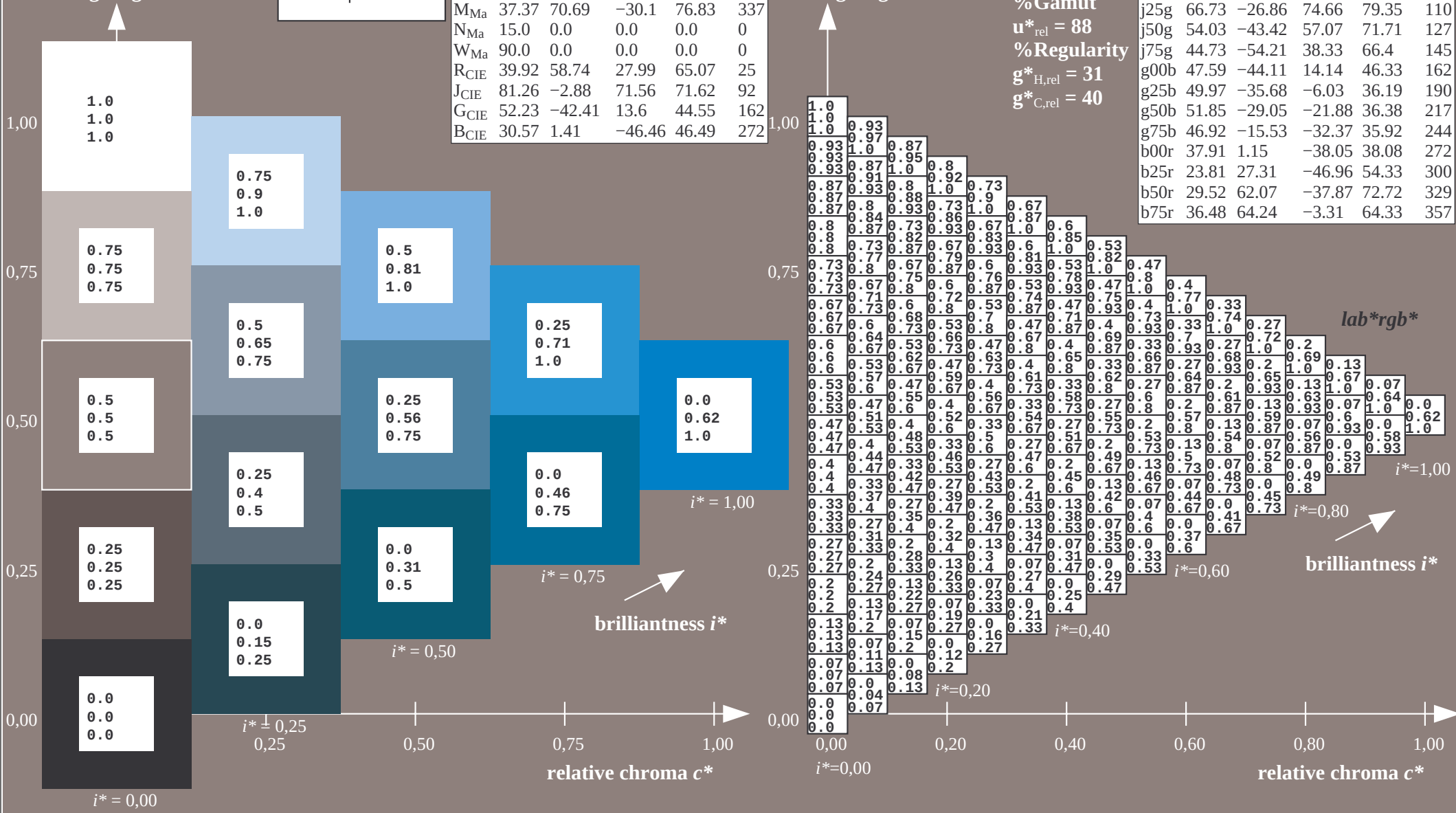
$u^*_{rel} = 88$

%Regularity

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

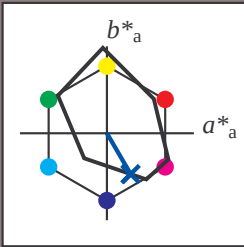
$g^*_{C,rel} = 40$

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



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

triangle lightness t^*

%Gamut

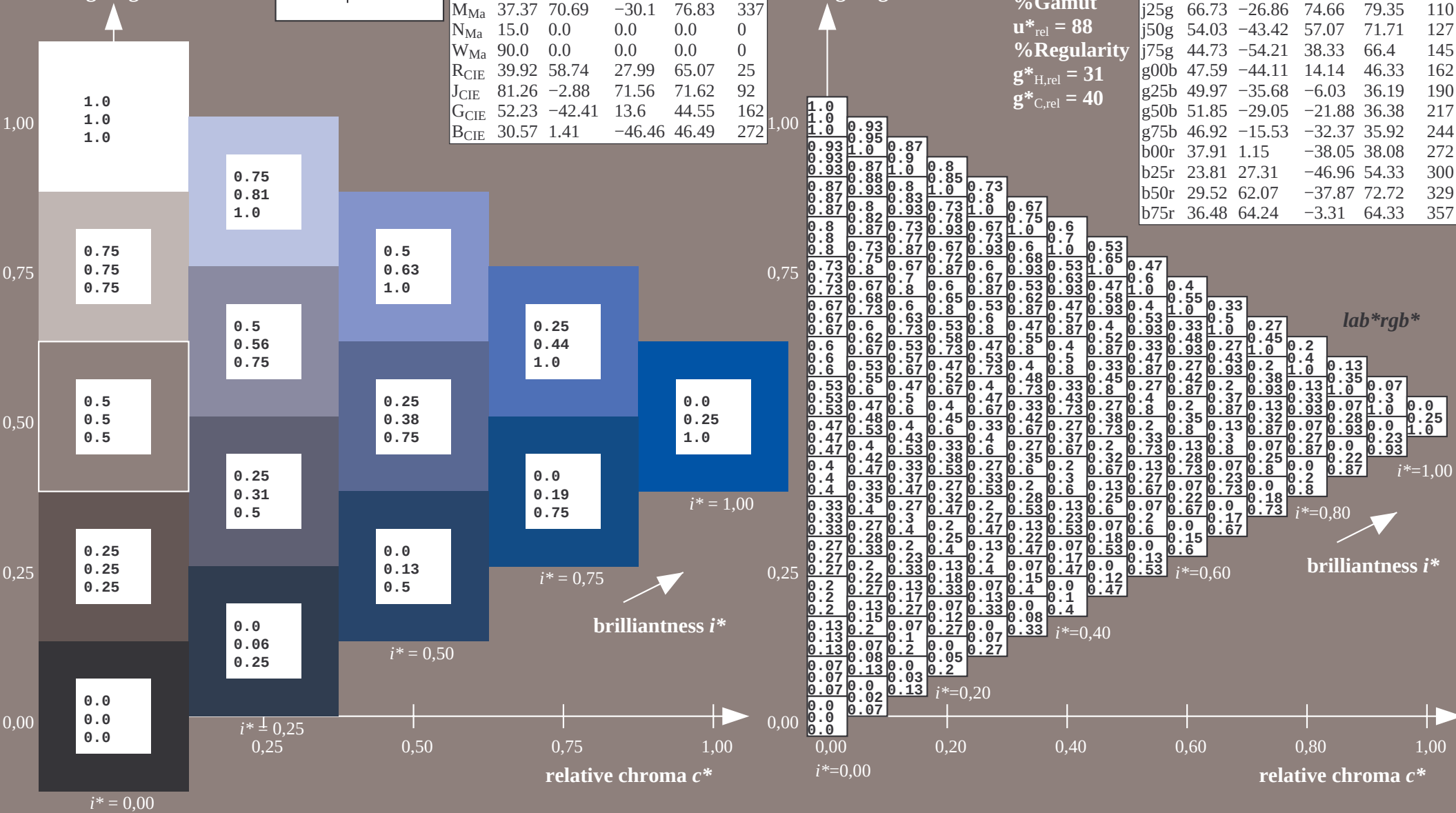
$u^*_{rel} = 88$

%Regularity

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

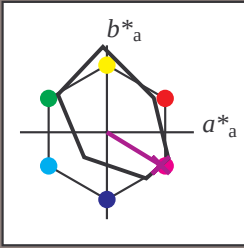
$g^*_{C,rel} = 40$

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 $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$ $u^* = b50r$
 lab^*rgb^*
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b50r$
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):

$LAB^*LAB^*_{Ma}$: 30 62 -37
 $LAB^*LCH^*_{Ma}$: 30 73 329
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.66 0.0 1.0

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

triangle lightness t^*

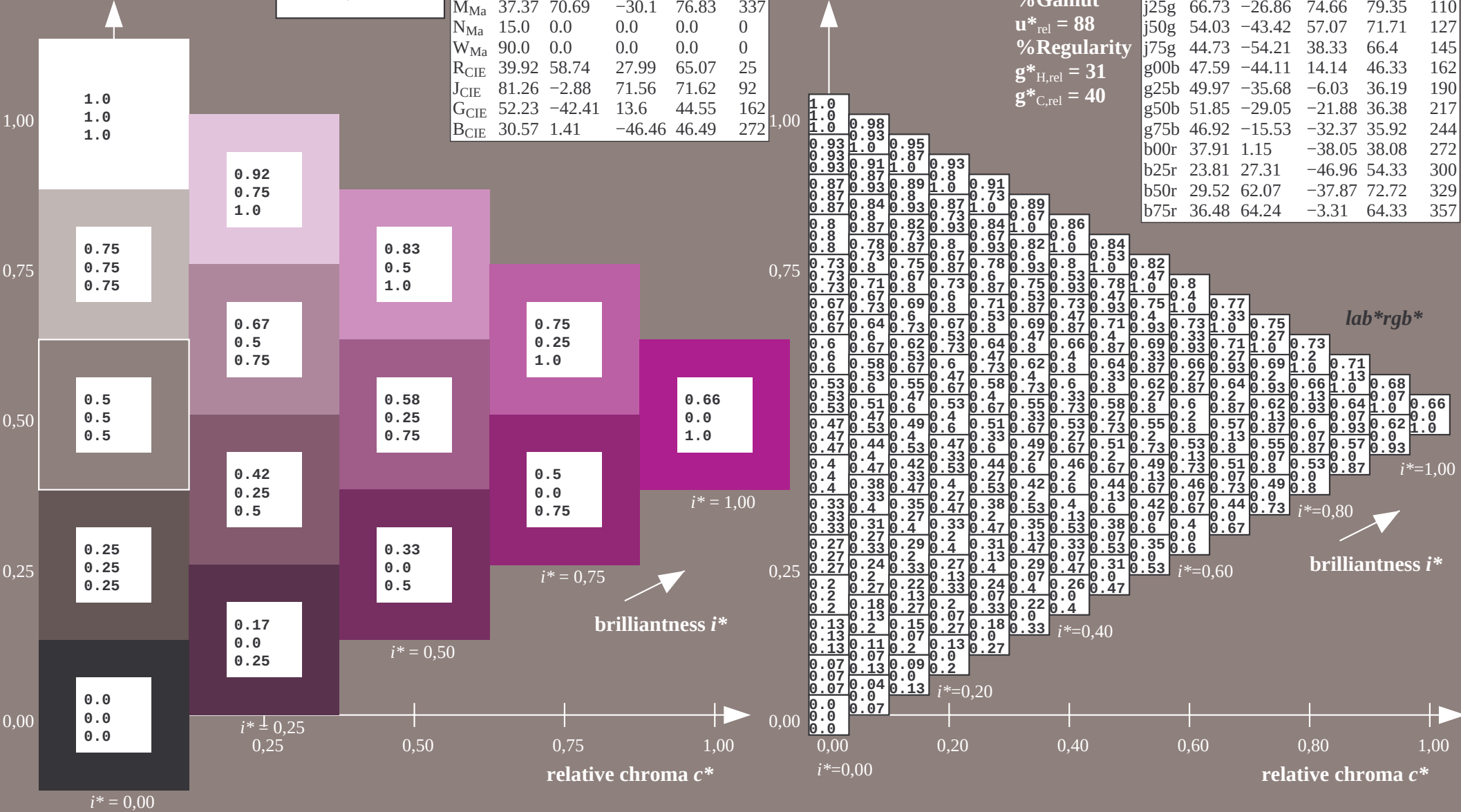
%Gamut

$u^*_{rel} = 88$

%Regularity

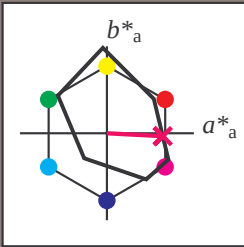
$g^*_{H,rel} = 31$

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



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

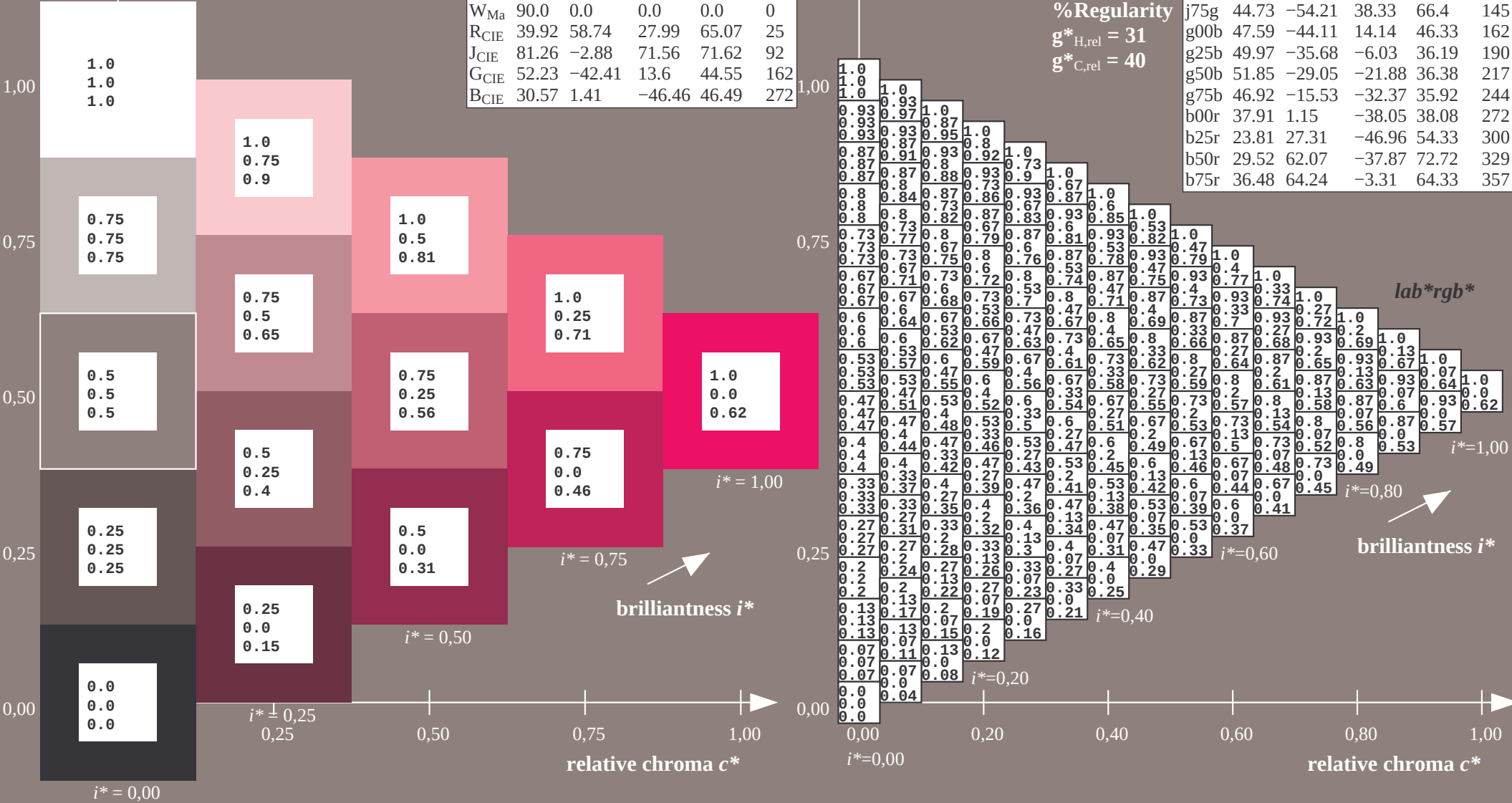
$u^*_{rel} = 88$

%Regularity

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

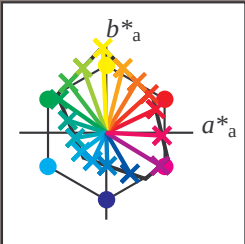
$g^*_{C,rel} = 40$

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



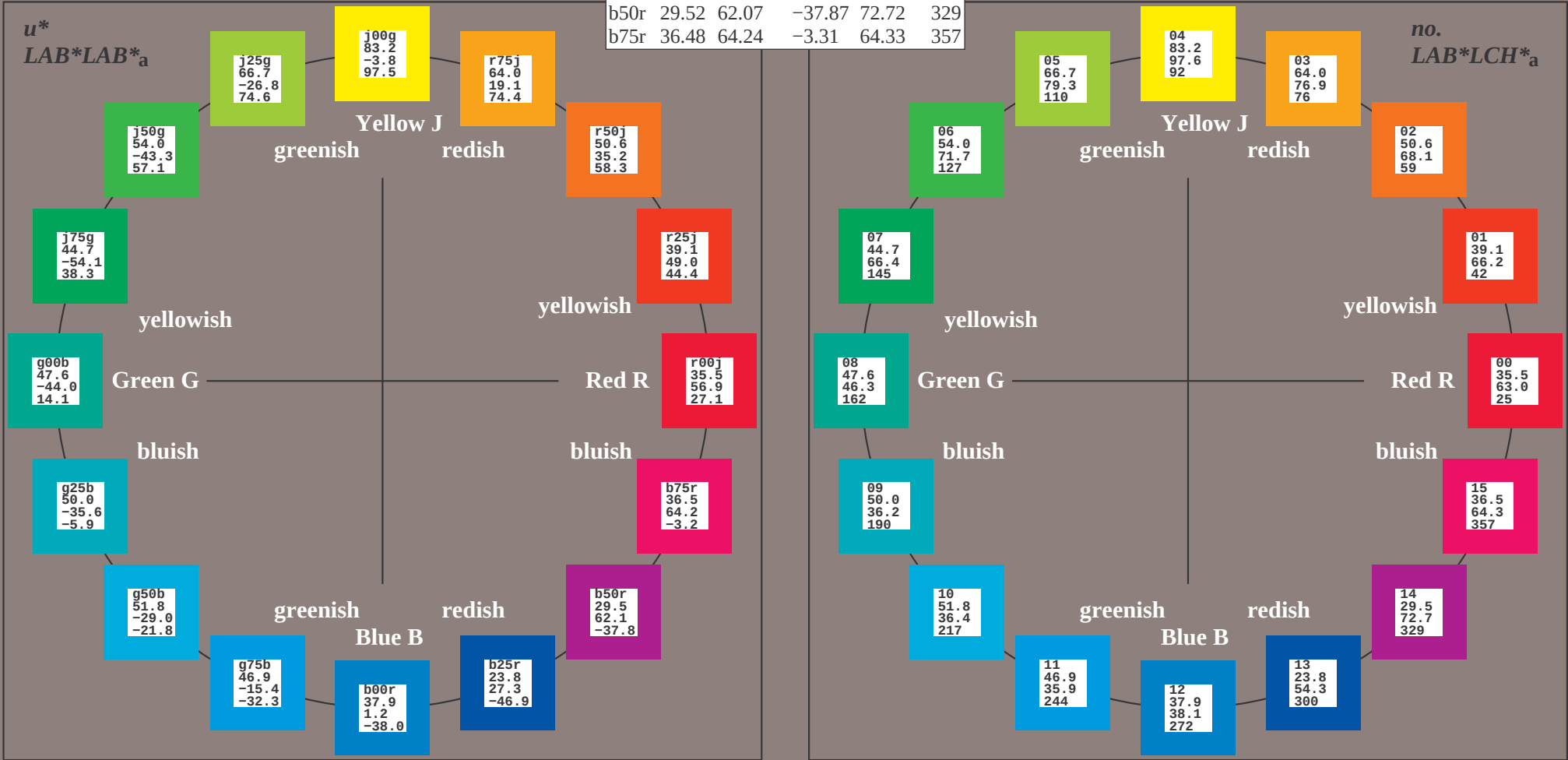
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
 $lab*_{tch*}$ and $lab*_{icu*}$
elementary hue text:
 $u^* = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.9$

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



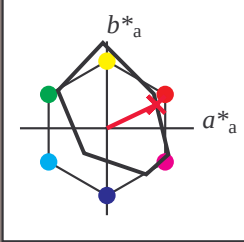
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

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^*



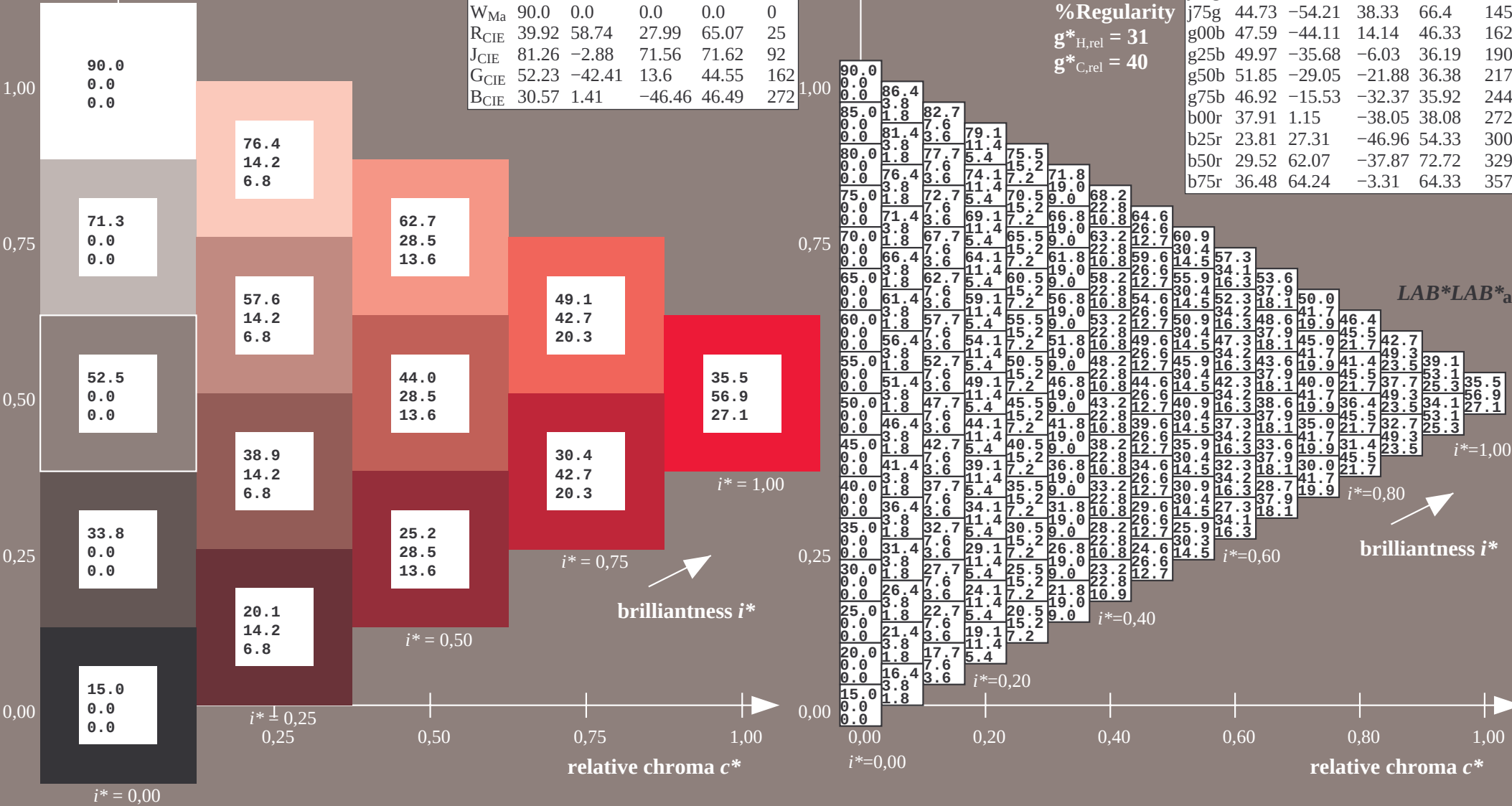
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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



$$u^* = r50j$$

$$LAB^*LAB^*_a$$

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}: 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

% Gamut

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

%Regularity

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

	$L^* = \bar{L}_a$	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

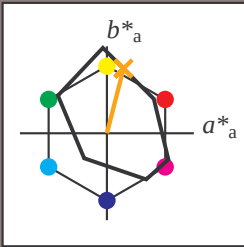
*LAB*LAB**_a

$$i^*=1,00$$

brilliantness i^*

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^*

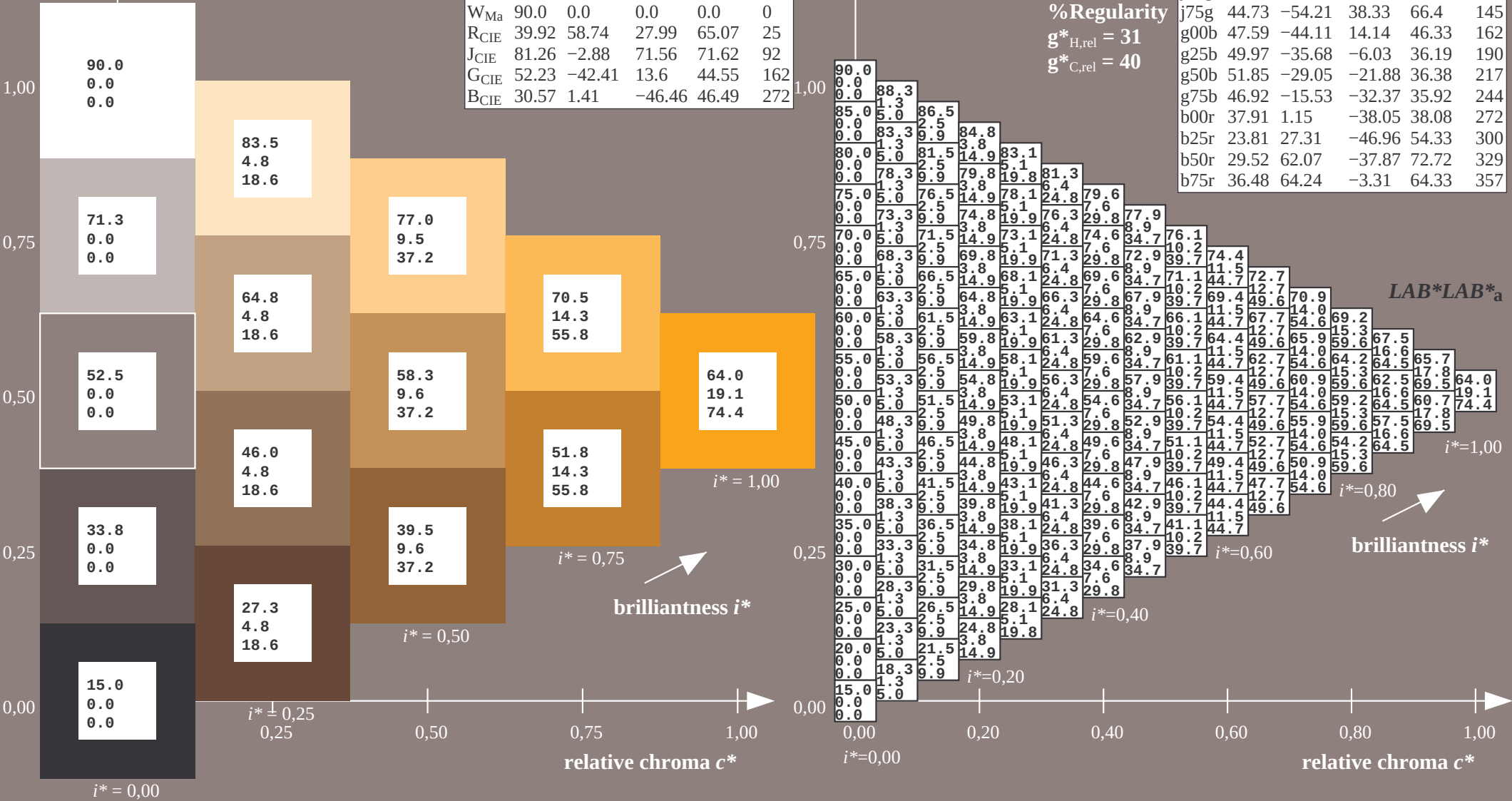


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

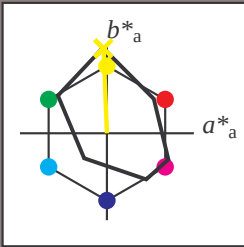
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	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^*



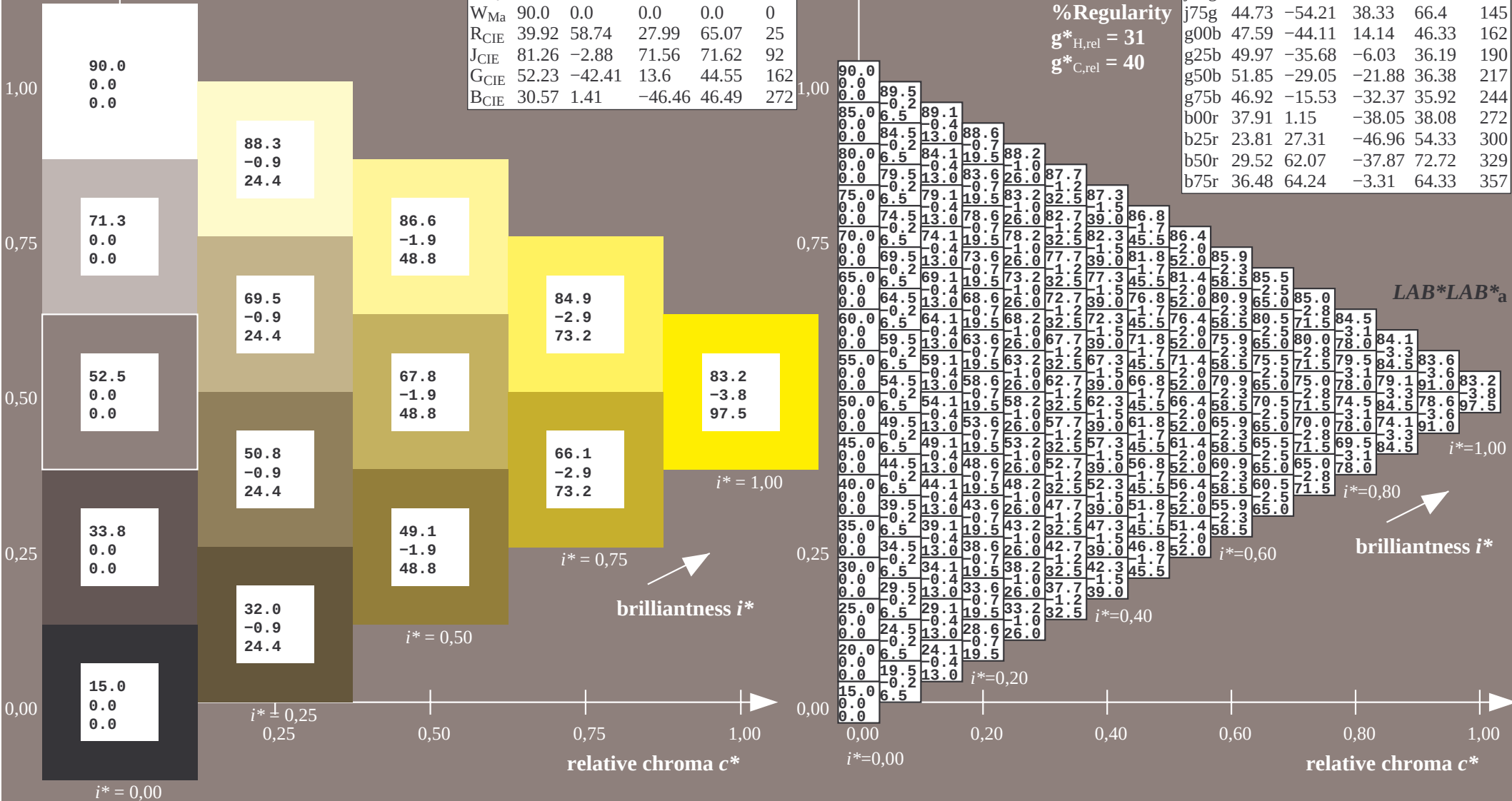
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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^*

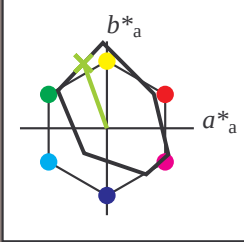
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

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

triangle lightness t^*

%Gamut

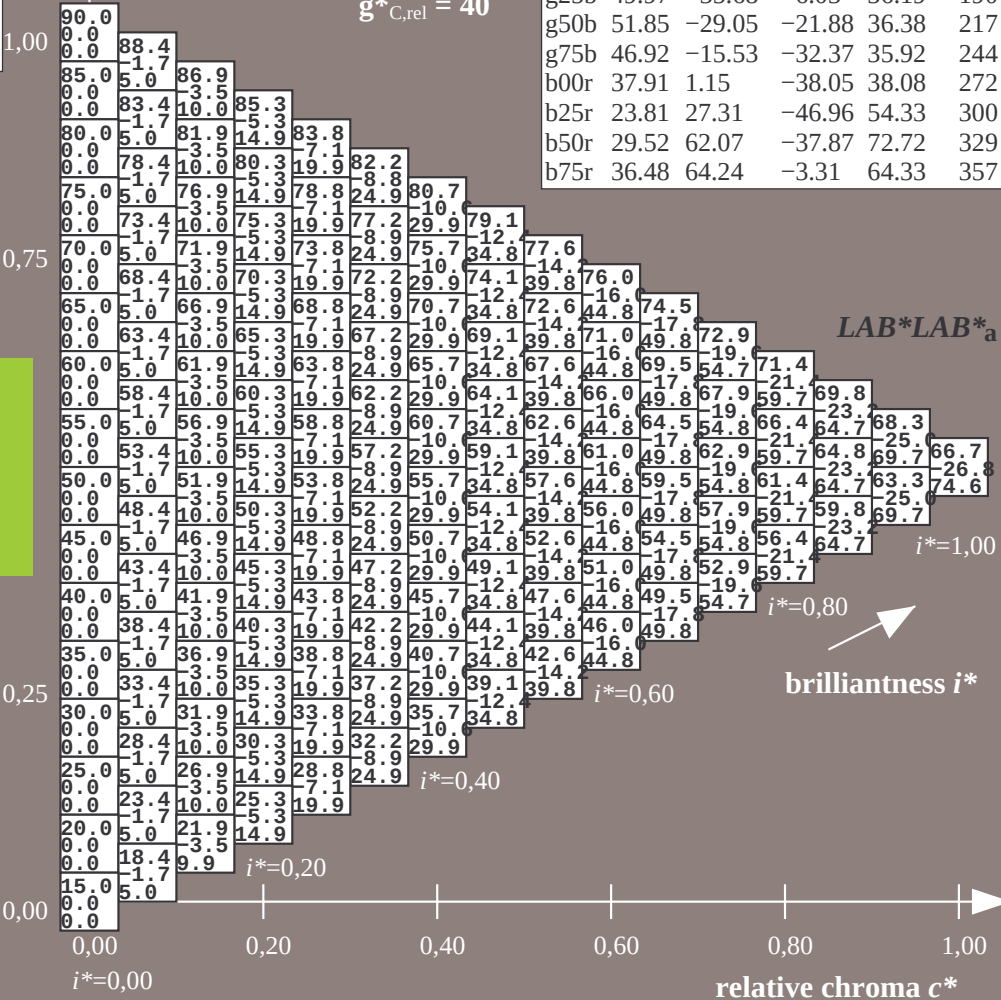
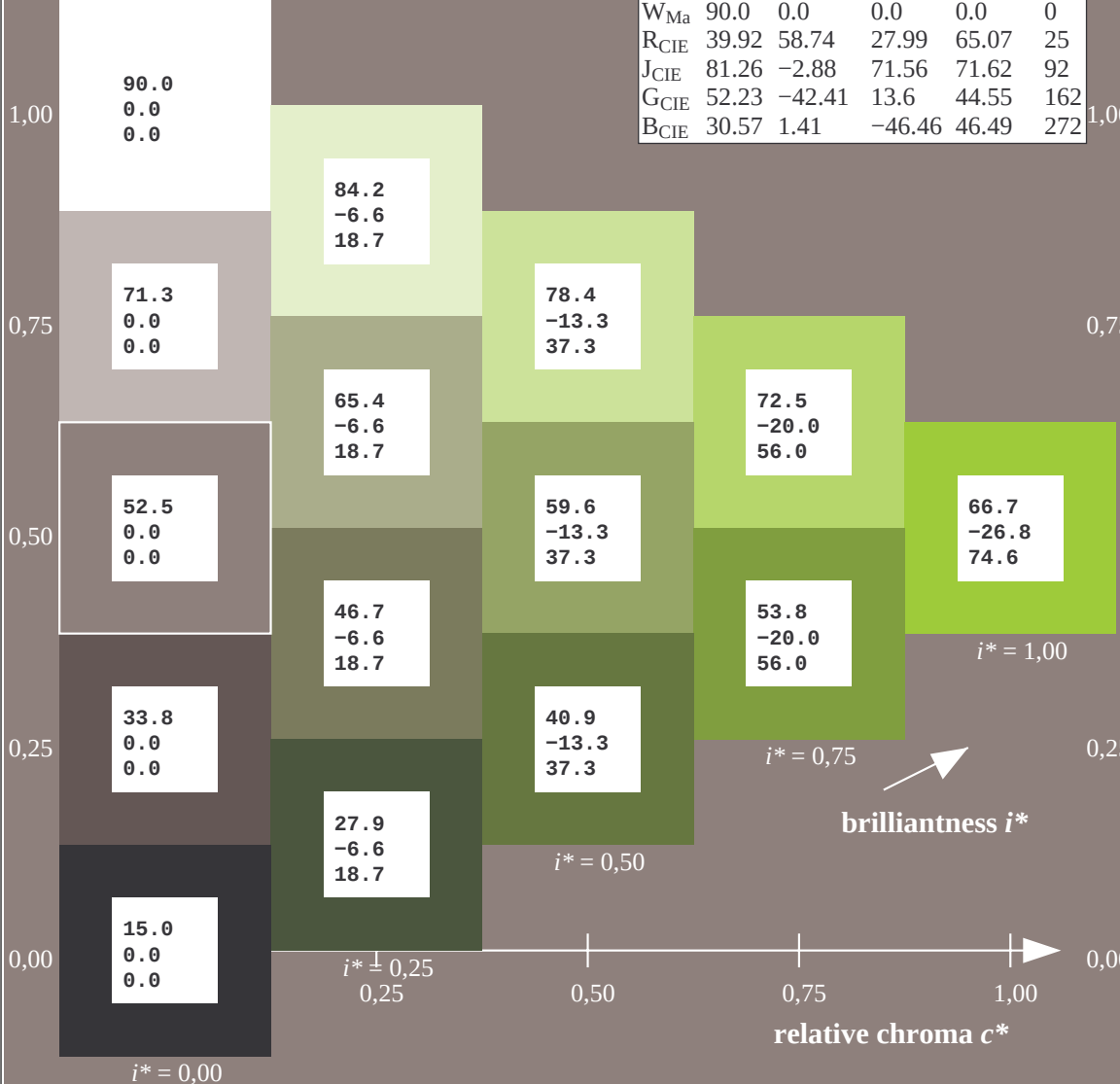
$u^*_{rel} = 88$

%Regularity

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

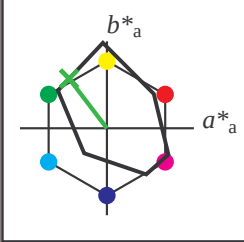
$g^*_{C,rel} = 40$

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

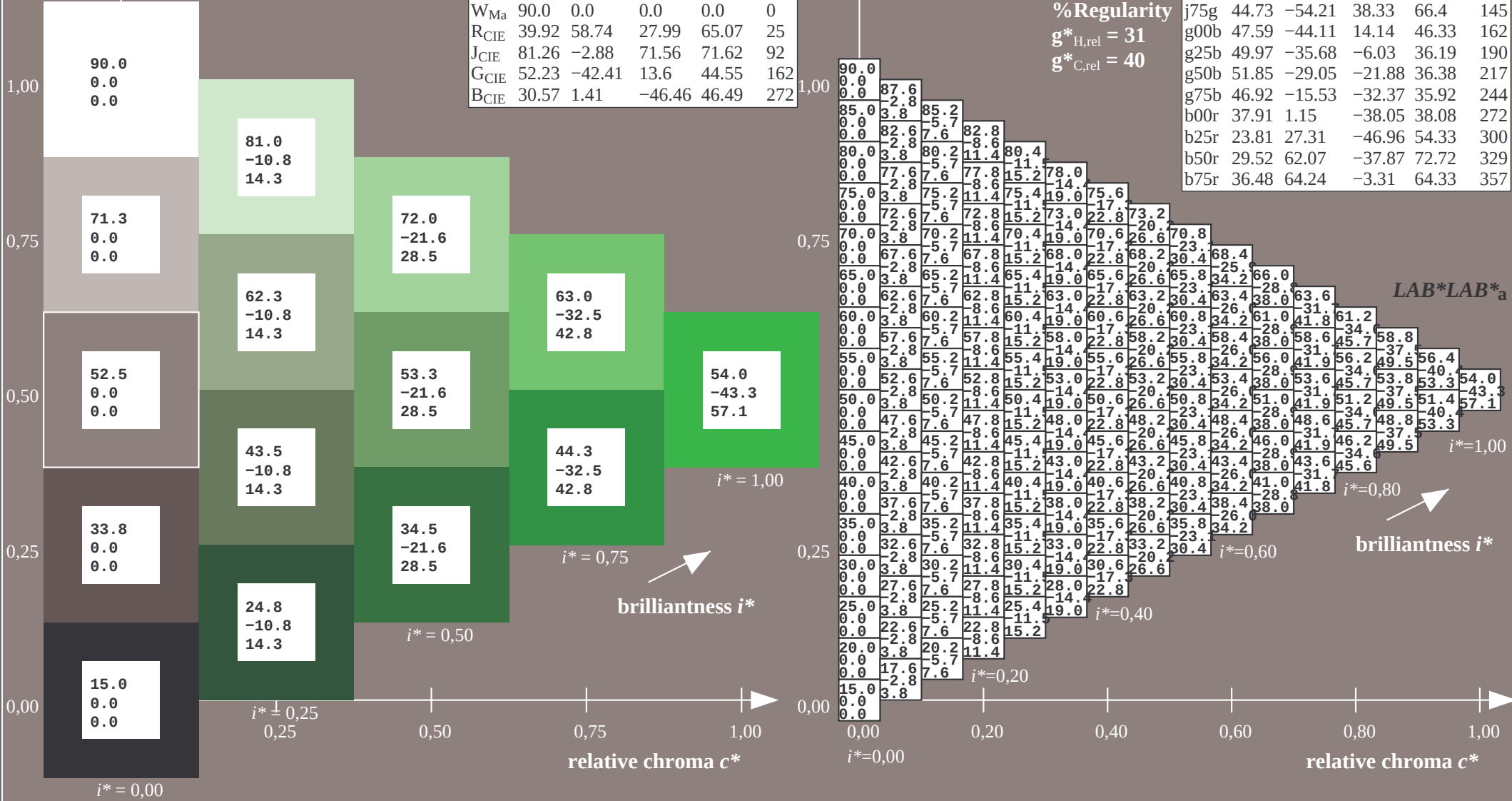
$u^*_{rel} = 88$

% Regularity

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

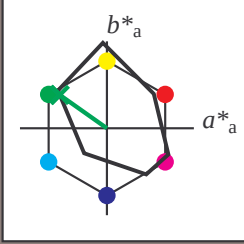
$g^*_{C,rel} = 40$

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



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

triangle lightness t^*

%Gamut

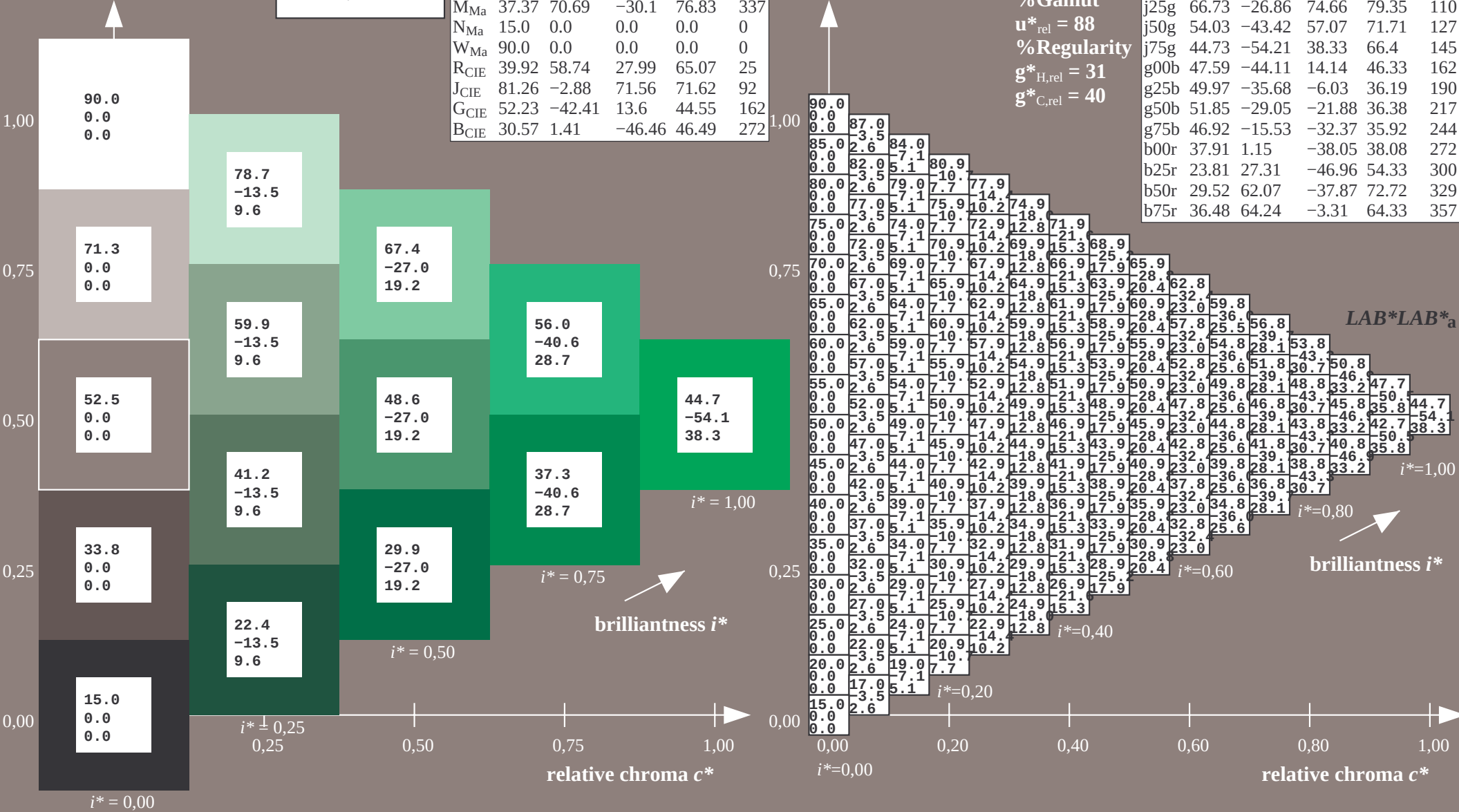
$u^*_{rel} = 88$

%Regularity

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

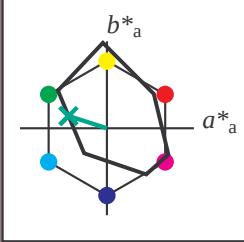
$g^*_{C,rel} = 40$

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; 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

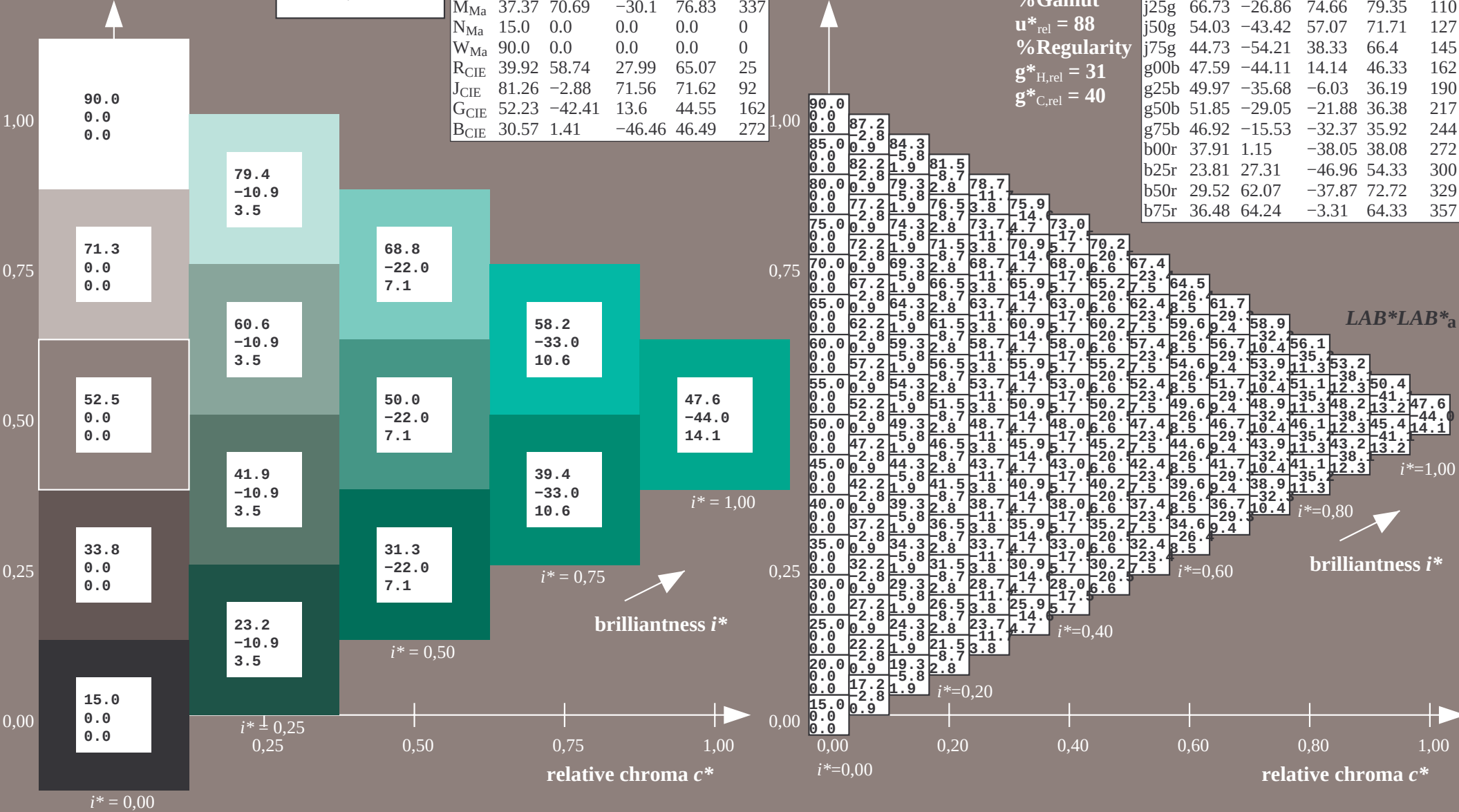
$u^*_{rel} = 88$

%Regularity

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

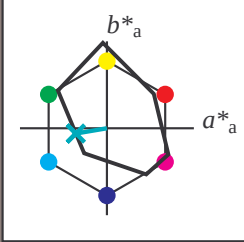
$g^*_{C,rel} = 40$

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



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

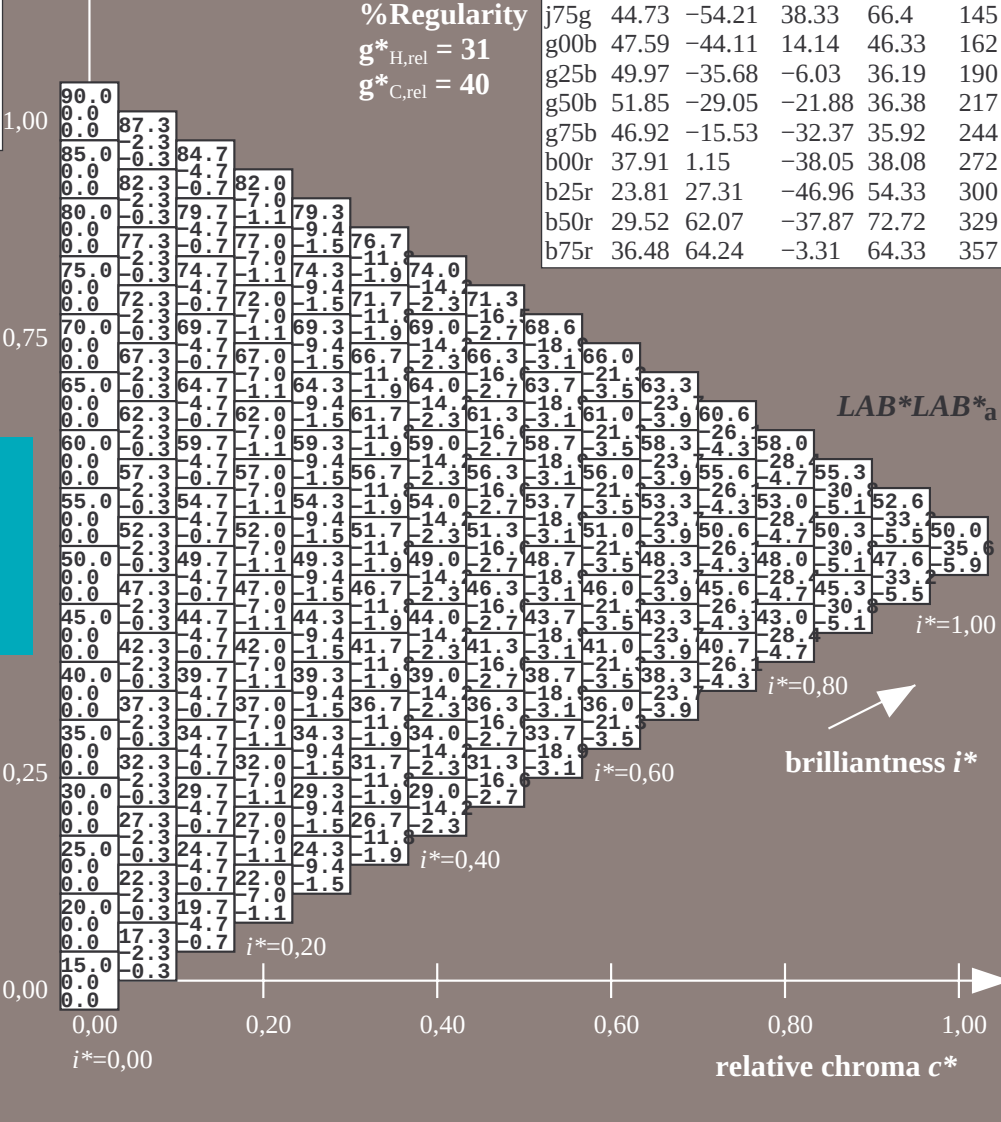
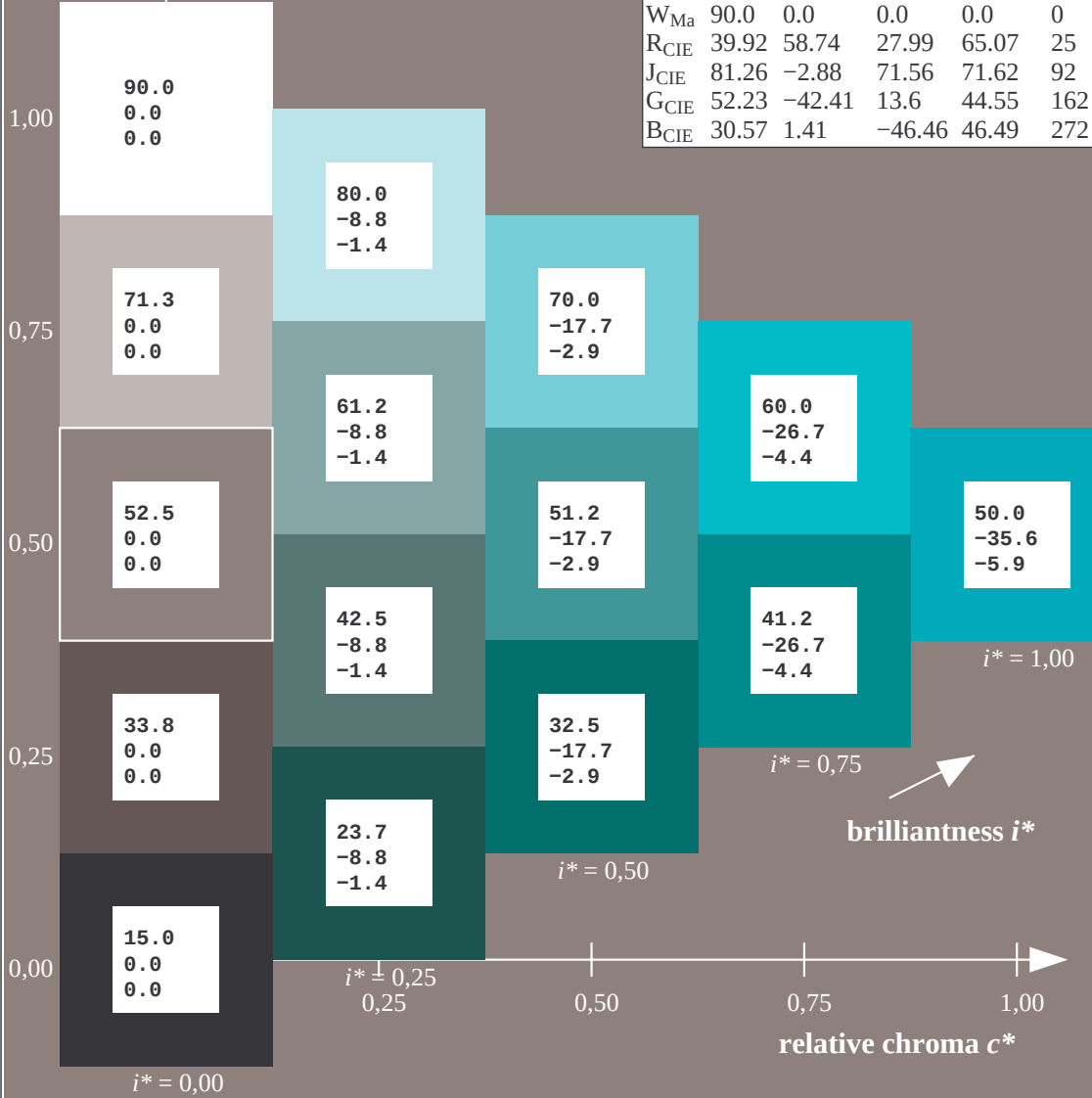
$u^*_{rel} = 88$

%Regularity

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

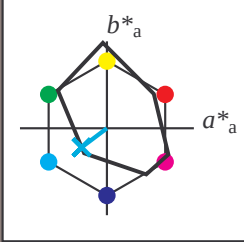
$g^*_{C,rel} = 40$

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



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; 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):

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

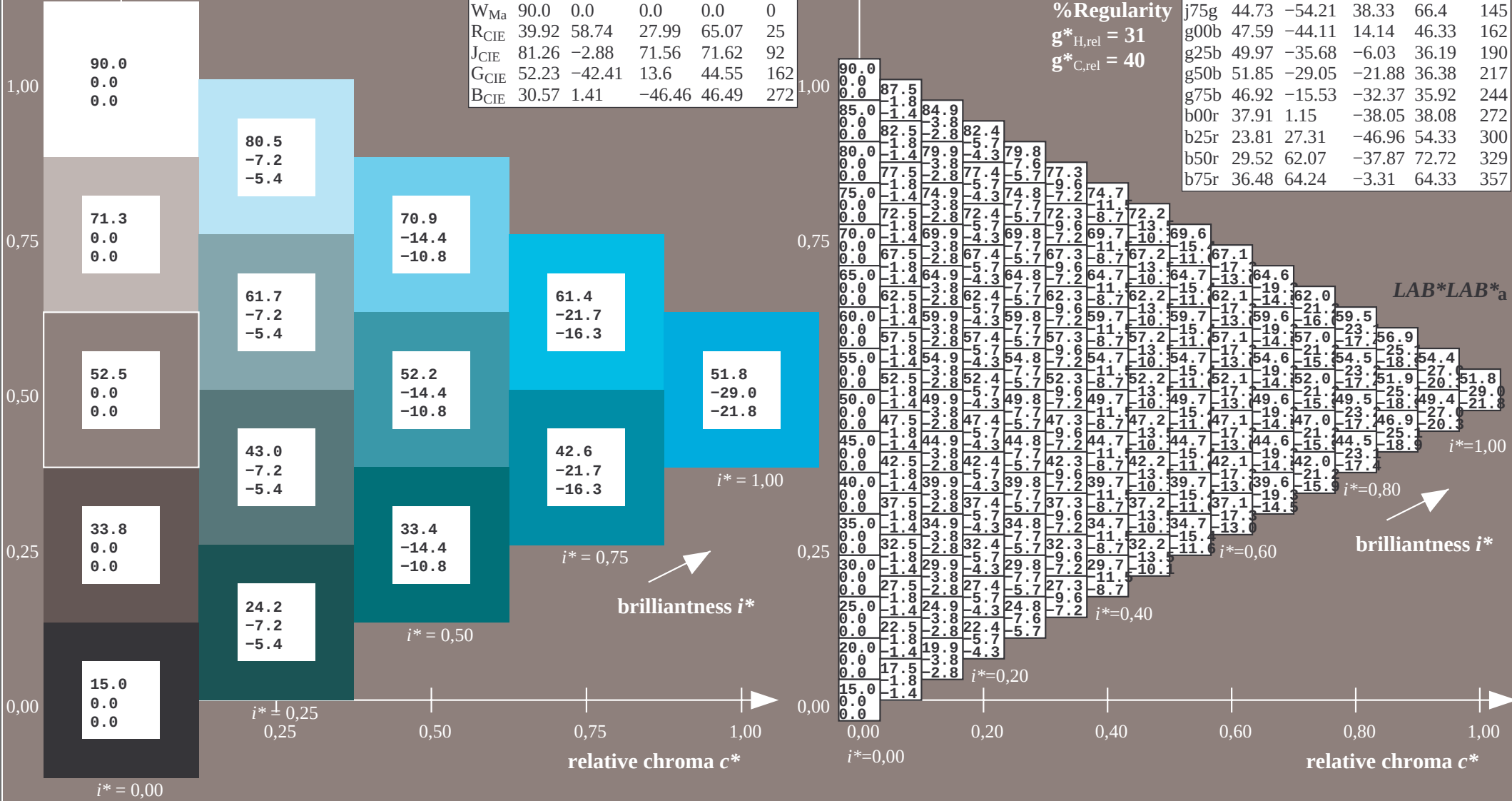
$u^*_{rel} = 88$

% Regularity

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

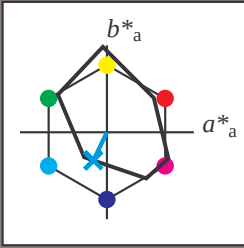
$g^*_{C,rel} = 40$

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 $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$ $u^* = g75b$
 $LAB^*LAB^*_a$
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; 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):

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

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^*

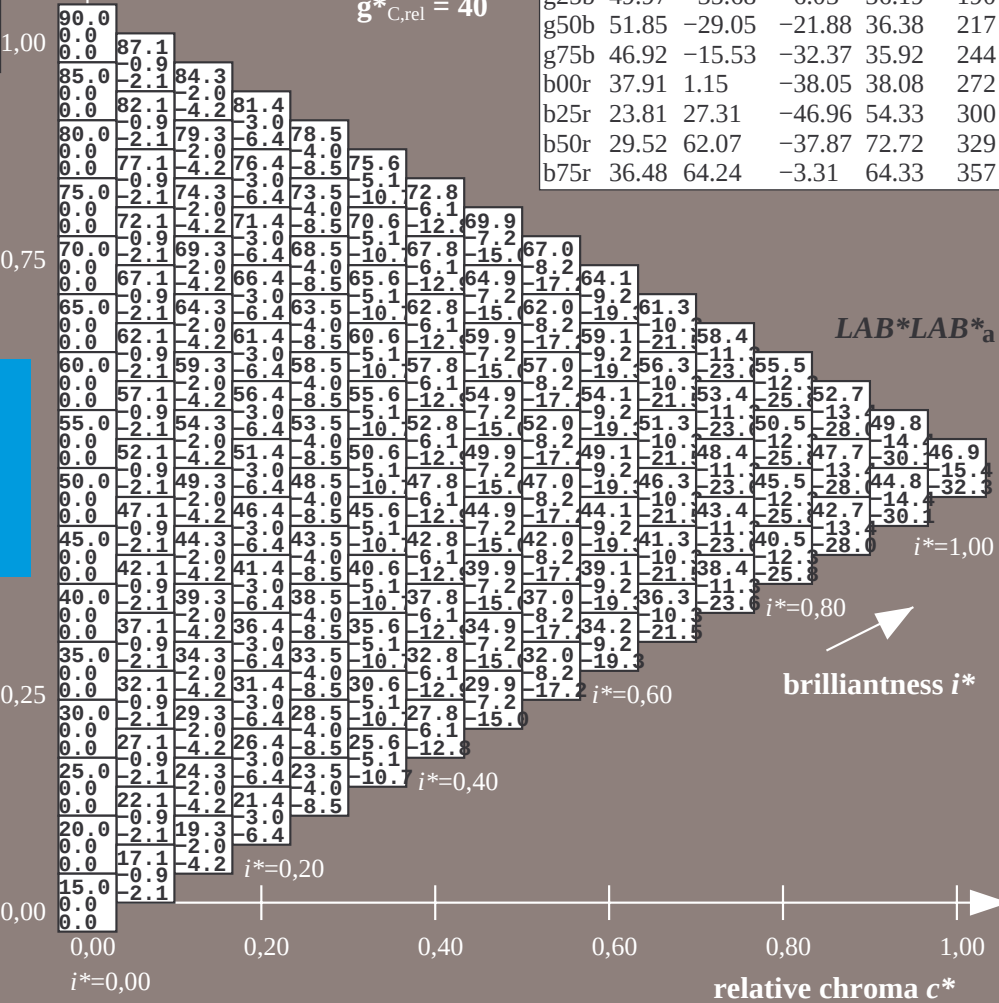
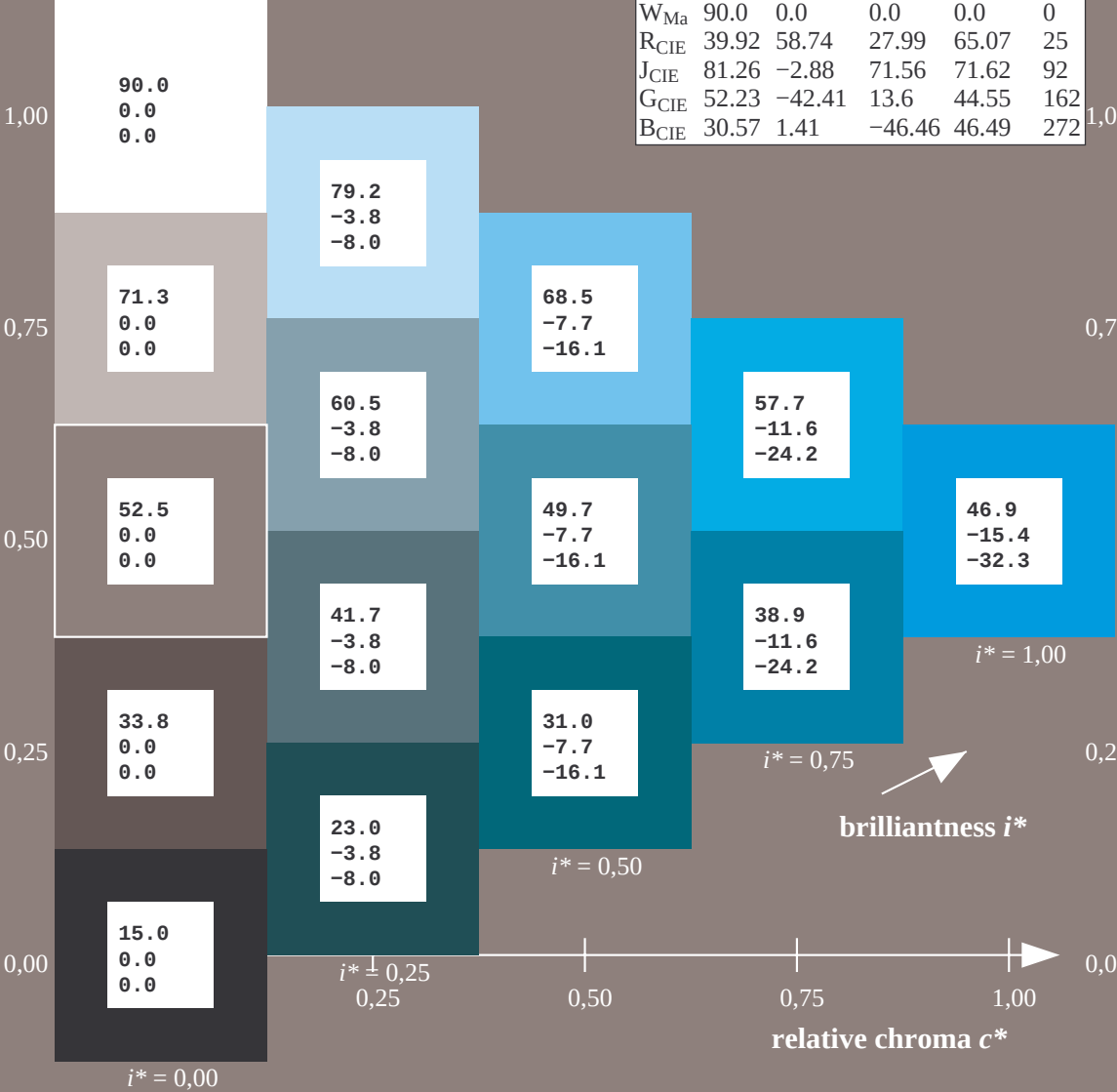
%Gamut

$u^*_{rel} = 88$

%Regularity

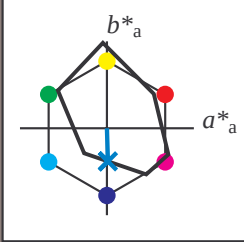
$g^*_{H,rel} = 31$

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



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

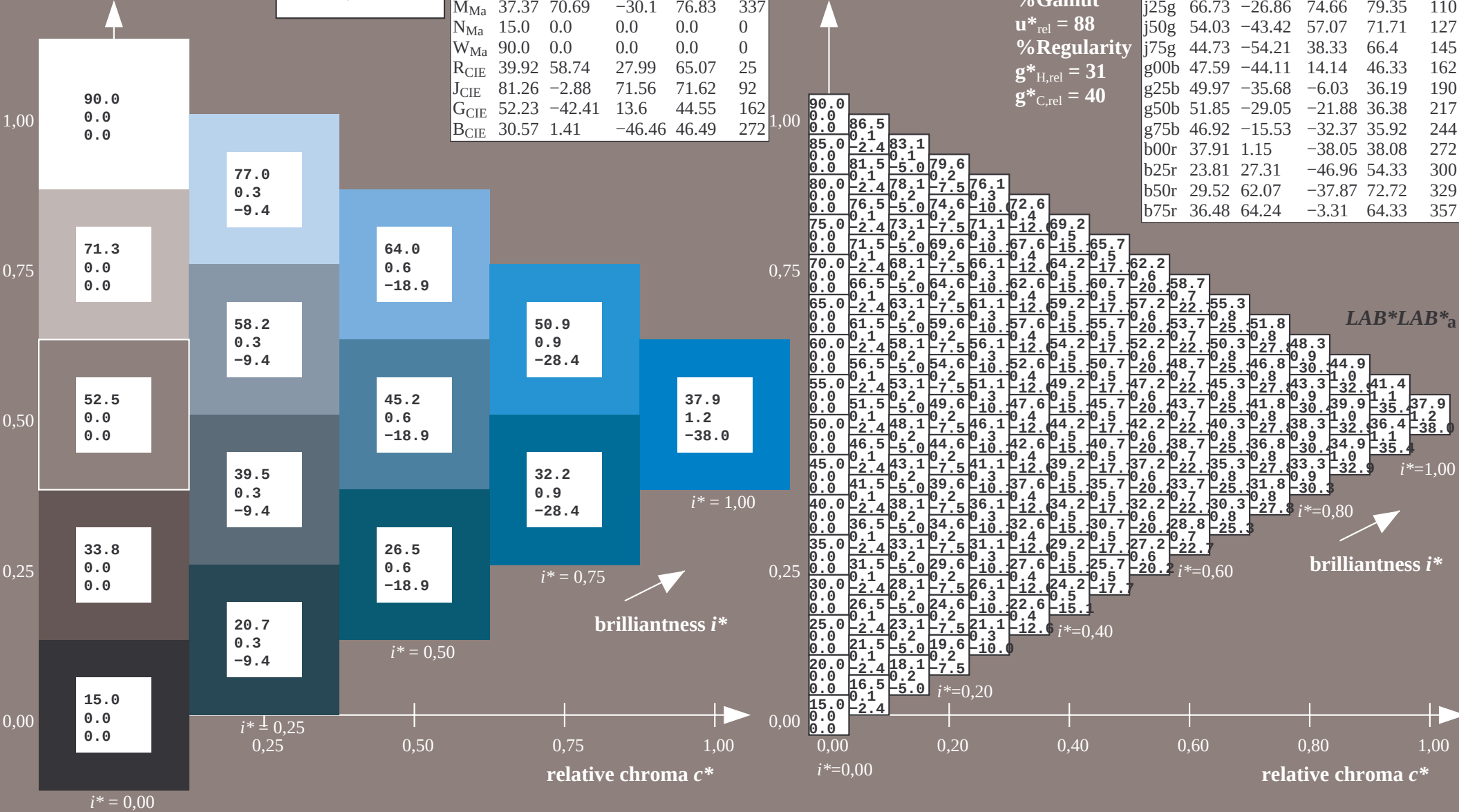
$u^*_{rel} = 88$

%Regularity

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

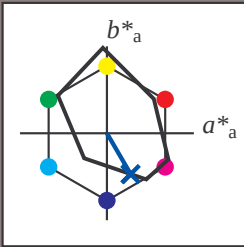
$g^*_{C,rel} = 40$

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



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

triangle lightness t^*

%Gamut

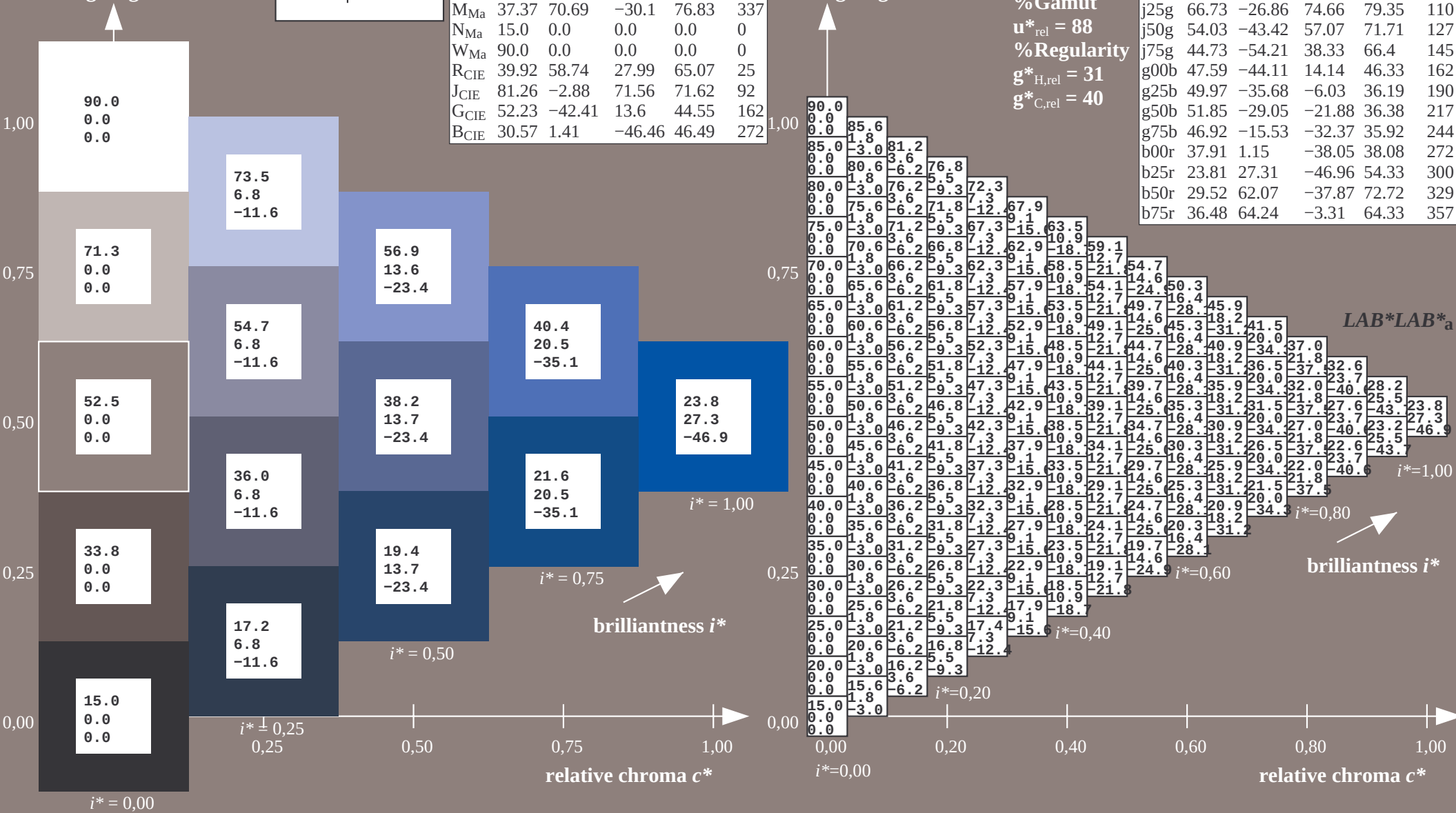
$u^*_{rel} = 88$

%Regularity

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

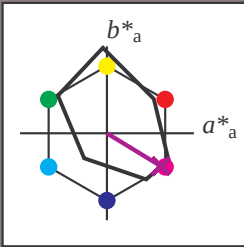
$g^*_{C,rel} = 40$

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 $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b50r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



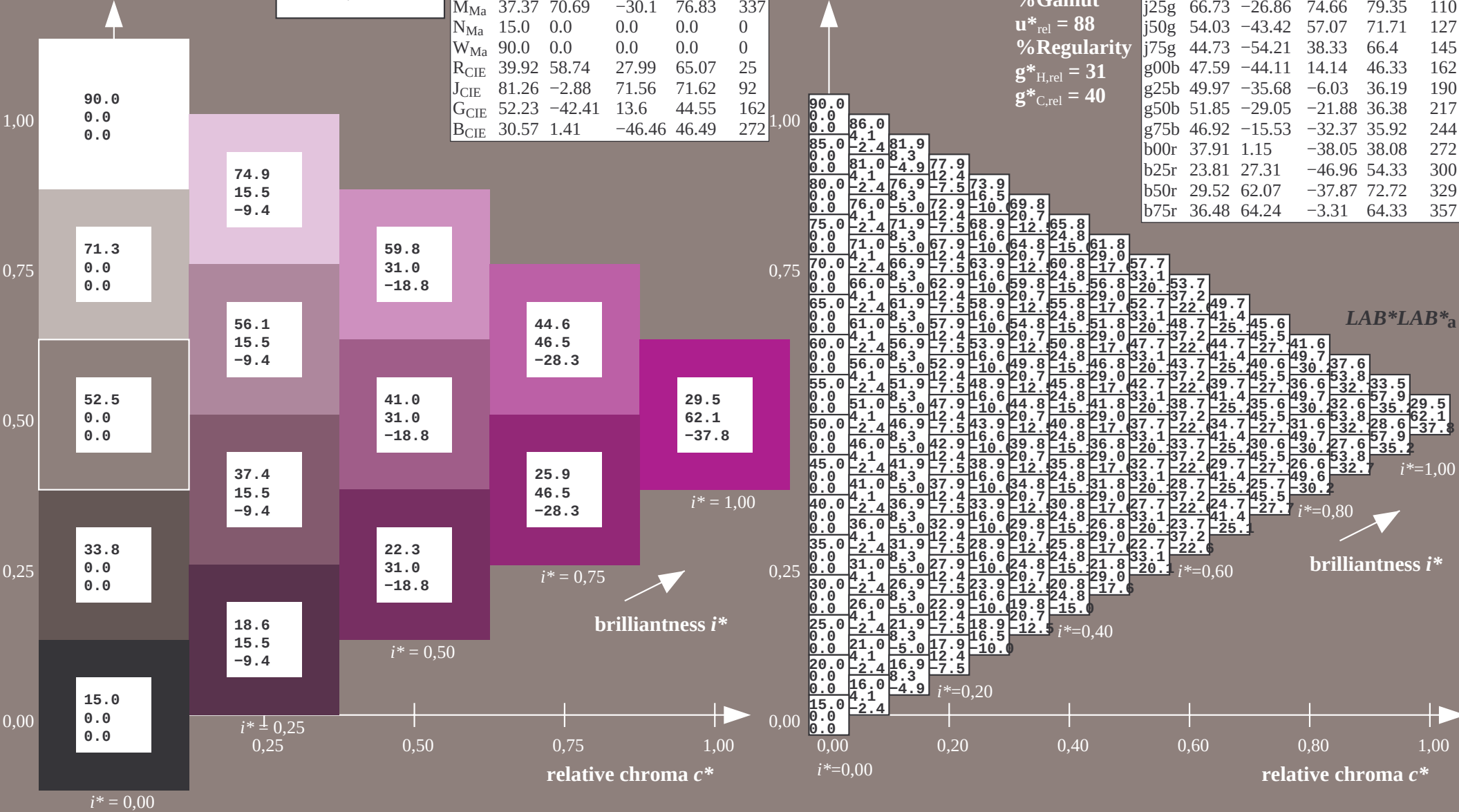
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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):
 $LAB^*LAB^*_{Ma}$: 30 62 -37
 $LAB^*LCH^*_{Ma}$: 30 73 329
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.66 0.0 1.0

triangle lightness t^*

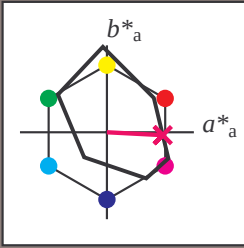
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

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



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$ $u^* = b75r$
 $LAB^*LAB^*_a$
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

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^*

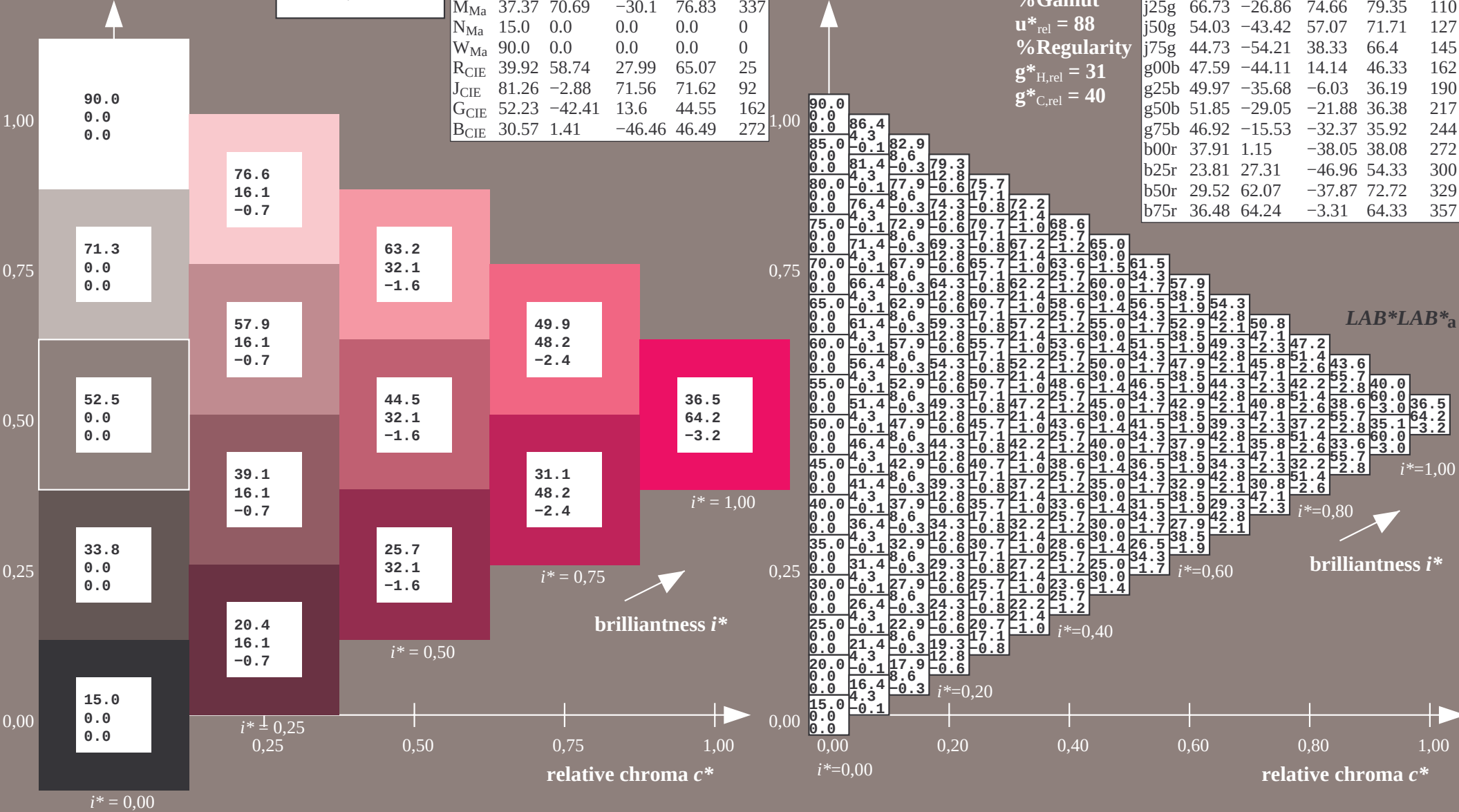
%Gamut

$u^*_{rel} = 88$

%Regularity

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

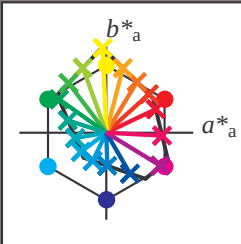
$g^*_{C,rel} = 40$



	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	90.0	83.1	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	7.7	-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	24.4	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	58.8	0.0	-6.9	-14.0	-21.0	-28.1	-35.1	-42.1	-49.2	15.6	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	33.3	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	33.8	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	920.1	11.3	2.4	-6.4	-13.5	-20.5	-27.6	-34.6	-41.7	11.3	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	-5.3	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	33.8	37.5	41.1	44.8	48.4	17.5	24.1	28.9	33.7	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	225.8	17.0	8.0	-0.8	-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	33.7	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	-30.4	-37.4	431.4	22.6	13.7	4.8	-4.1	-13.0	-20.0	-27.1	-34.1	22.6	25.8	17.0	8.0	-0.8	-9.7	-16.8	-23.8	-30.8	-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	-30.4	-22.6	-13.7	-4.8	-14.0	-21.0	-28.1	-35.1	-42.1	-7.4	-10.3	-6.5	-3.5	-1.8	7.2	12.7	18.1	-10.7	-7.1	-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	33.7	12.8	19.3	10.3	1.5	-7.3	-16.3	-23.3	-30.4	33.7	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	47.6	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	942.7	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	-21.5	-16.0	-40.6	-36.8	-33.1	-30.0	-27.0	-23.9	-20.9	-17.9	-12.5	-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	148.4	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	-46.9	-43.8	-40.8	-37.8	-34.7	-31.7	-28.6	-50.1	-46.3	-43.3	-40.3	-37.2	-34.2	-31.1	-28.1	-25.1	-47.2	-43.5	-39.7	-36.7	-33.6	-30.6	-27.5	-24.5	-21.5	-28.6	-25.1	-21.5	-17.9	-14.3	-10.7	-7.1	-3.5	0.0	0.0	0.0	0.0	0.0	
10	22.5	28.6	34.7	40.8	44.4	48.1	51.7	55.4	59.0	25.0	31.1	37.2	43.3	49.4	53.0	56.7	60.3	63.9	27.5	33.6	39.7	45.8	51.9	58.0	64.1	65.3	68.9	90.0	89.2	88.4	87.7	86.9	86.1	85.3	84.5	83.8	15.0	15.0	15.0	15.0	
	20.2	12.9	5.6	-1.6	-8.7	-15.7	-22.8	-29.8	-36.8	82.7	0.9	19.6	12.3	5.0	-2.2	-9.3	-16.3	-23.3	-30.4	33.7	26.4	19.1	11.7	4.4	-2.1	-8.1	-16.9	-23.9	0.0	-0.5	-1.1	-1.6	-2.2	-2.8	-3.4	-4.0	-4.5	0.0	0.0	0.0	0.0
	14.8	22.2	29.5	36.8	42.3	47.7	53.1	58.5	63.9	19.8	27.1	34.4	41.8	49.1	54.5	60.0	65.4	70.8	24.7	32.0	39.4	46.7	54.1	61.4	66.8	72.2	77.7	0.0	0.0	12.3	24.6	36.8	49.1	61.4	73.7	86.0	98.2	0.0	0.0	0.0	0.0
11	22.8	29.4	35.5	41.6	45.2	48.8	52.5	56.1	59.8	25.3	31.9	38.9	44.1	50.2	53.8	57.4	61.1	64.7	27.8	34.4	40.5	46.6	52.7	58.8	62.4	66.0	69.7	80.5	80.6	79.8	79.1	78.3	77.5	76.7	76.0	75.2	20.0	20.0	20.0	20.0	
	22.3	13.5	6.2	-1.1	-8.1	-15.1	-22.2	-29.2	-36.3	329.1	20.2	12.9	5.6	-1.6	-8.7	-15.7	-22.8	-29.8	335.8	27.0	19.6	12.3	5.0	-2.2	-9.3	-16.3	-23.3	-23.6	0.0	-0.5	-1.1	-1.6	-2.2	-2.8	-3.4	-4.0	-4.5	0.0	0.0	0.0	0.0
	6.1	9.9	17.2	24.6	30.0	35.4	40.8	46.2	51.7	11.1	14.8	22.2	29.5	36.8	42.3	47.7	53.1	58.5	16.0	19.8	27.1	34.5	41.8	49.1	54.6	60.0	65.4	-6.5	0.0	12.3	24.6	36.8	49.1	61.4	73.7	86.0	0.0	0.0	0.0	0.0	
12	23.1	29.7	36.3	42.3	46.0	49.6	53.3	56.9	60.5	25.6	32.2	38.8	44.9	50.9	54.6	58.2	61.9	65.5	28.1	34.7	41.3	47.4	53.4	59.5	63.2	66.8	70.5	71.0	71.1	71.3</											

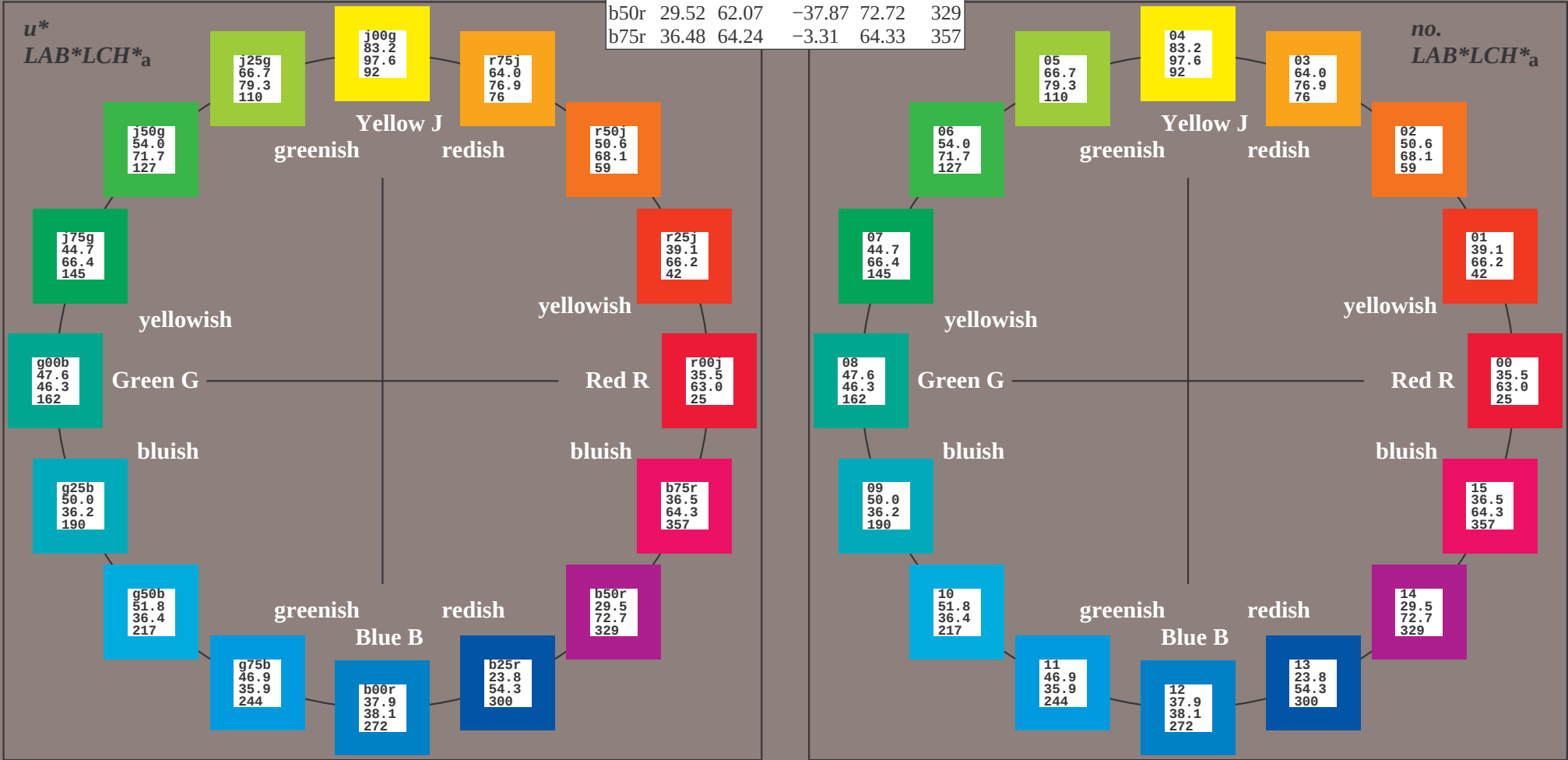
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
 $lab*_{tch*}$ and $lab*_{icu*}$
elementary hue text:
 $u^* = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.9$

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



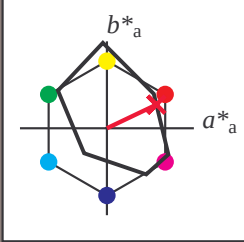
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

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

$u^*_{rel} = 88$

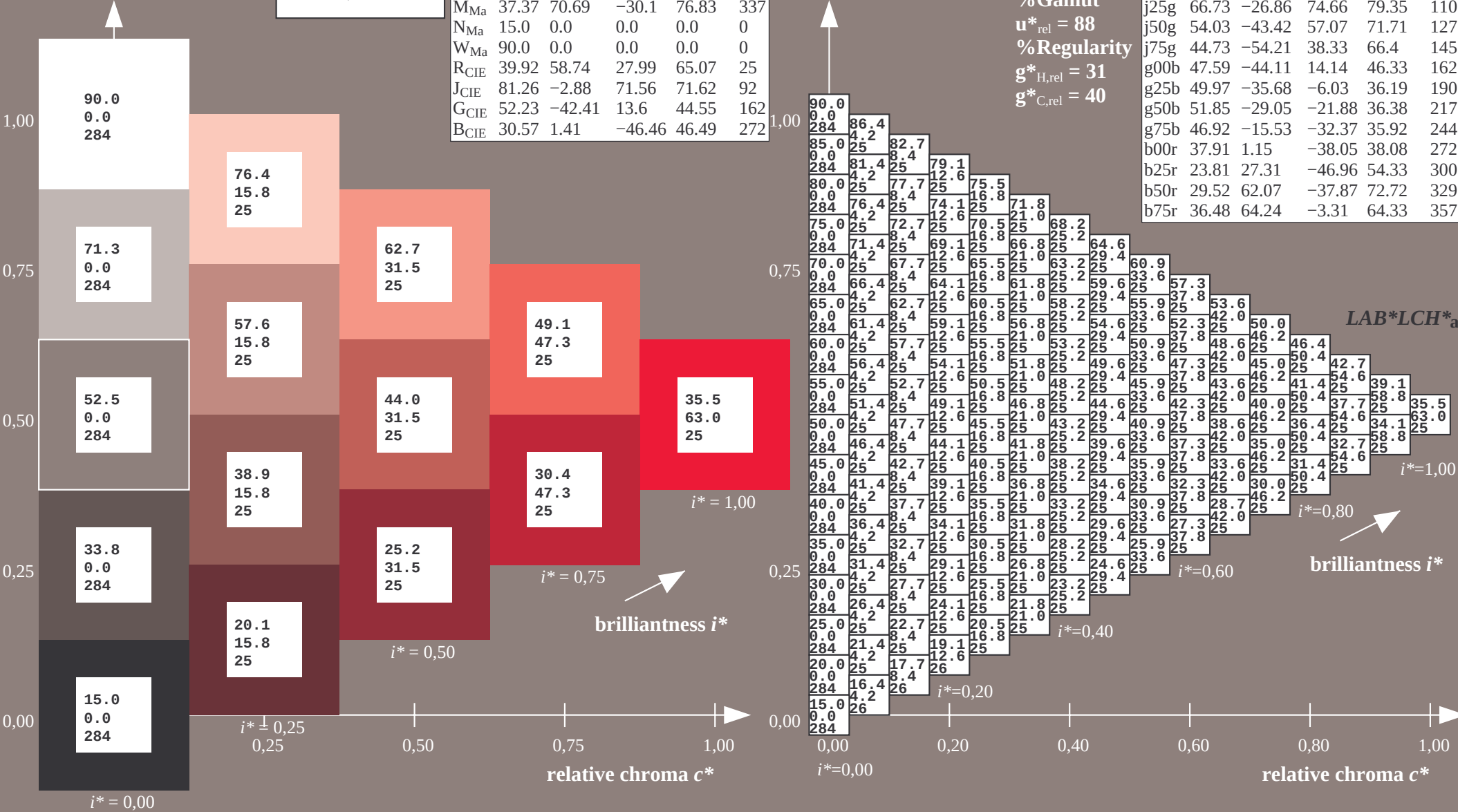
% Regularity

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

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

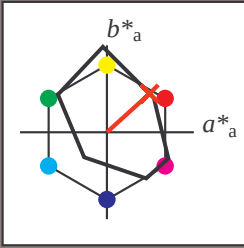
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	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

$u^* = r00j$
 LAB^*LCH^*a



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:

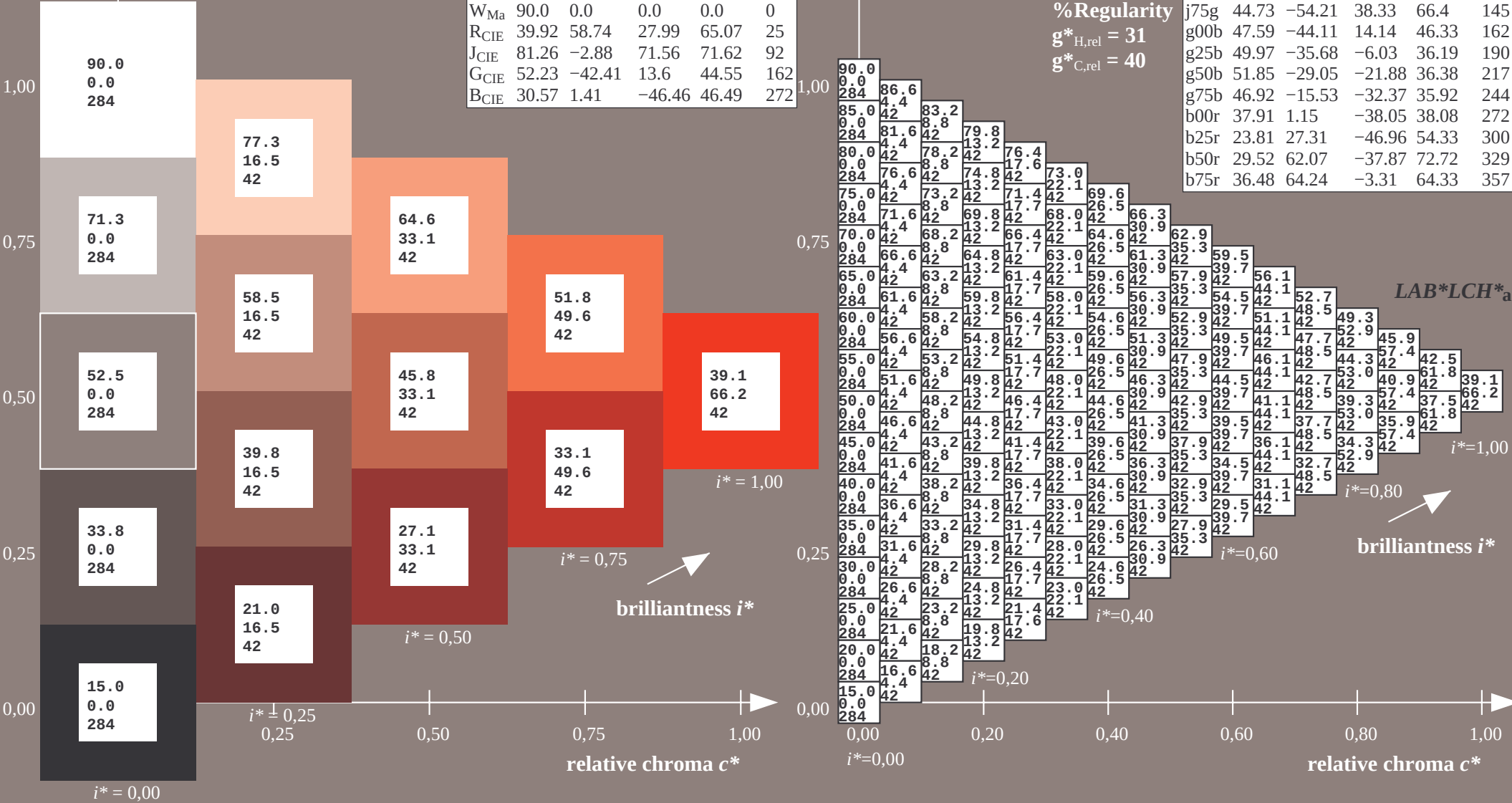
lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r25j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



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

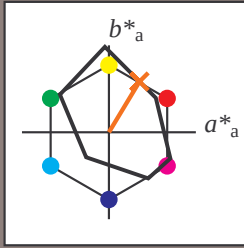
Data for maximum colour (Ma):
 $LAB^*LAB^*_{Ma}$: 39 49 44
 $LAB^*LCH^*_{Ma}$: 39 66 42
 $lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
 $lab^*olv^*_{Ma}$: 1.0 0.08 0.0

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:

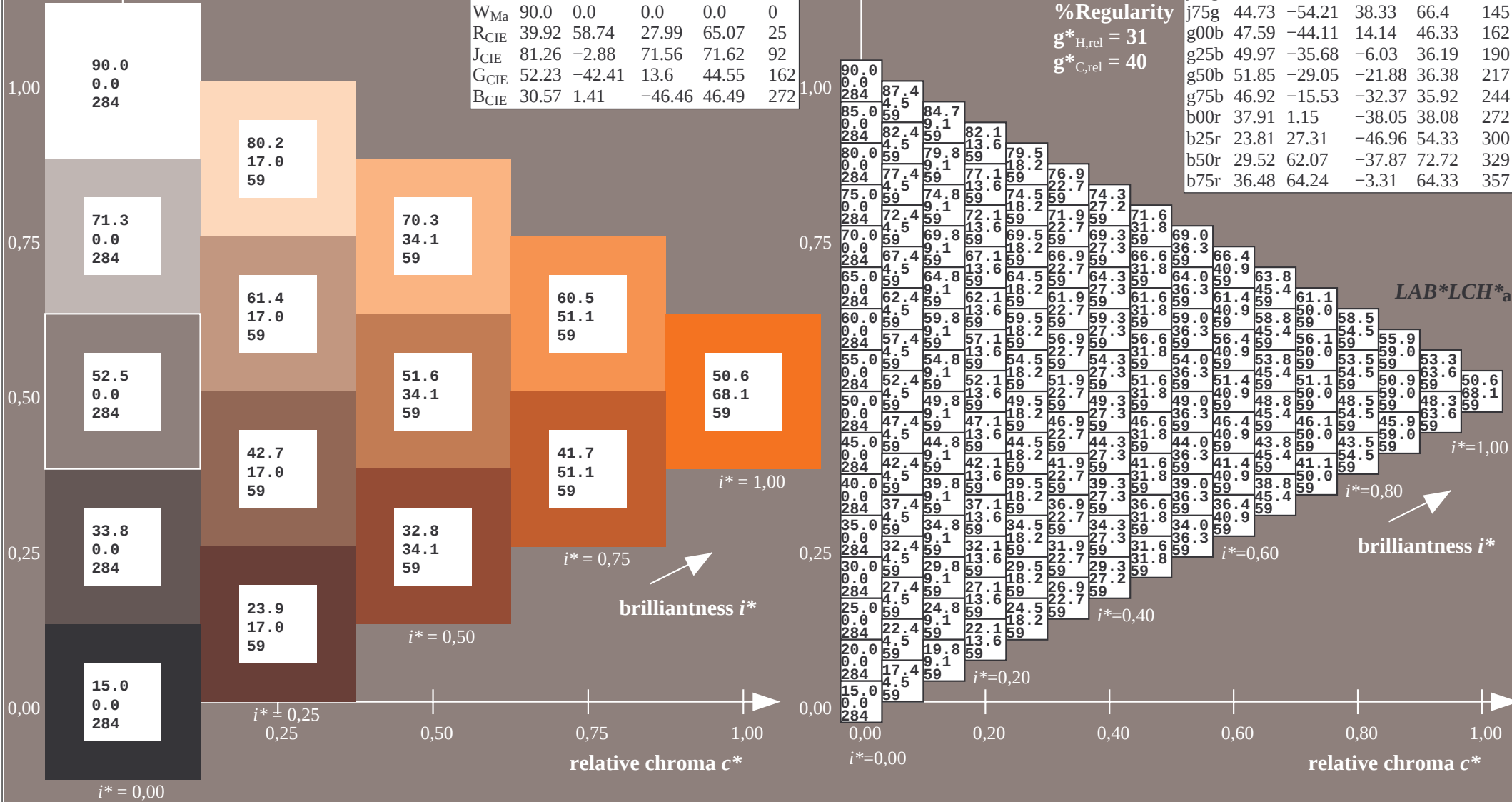
lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = r50j$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*



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

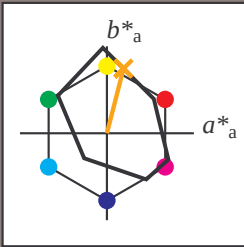
Data for maximum colour (Ma):
 $LAB^*LAB^*Ma: 51\ 35\ 58$
 $LAB^*LCH^*Ma: 51\ 68\ 59$
 $lab^*rgb^*Ma: 1.0\ 0.5\ 0.0$
 $lab^*olv^*Ma: 1.0\ 0.32\ 0.0$

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^*



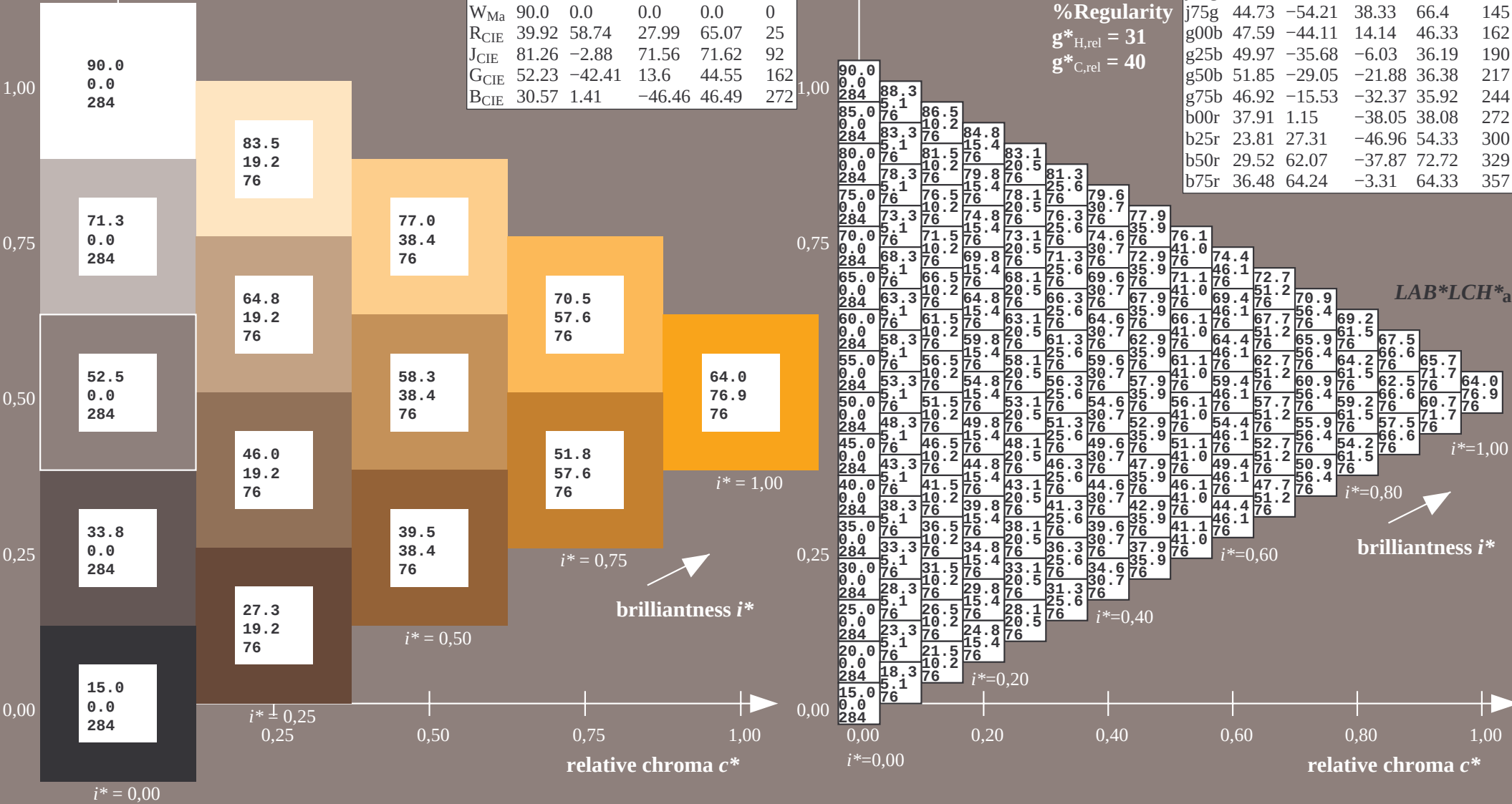
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

$triangle\ lightness\ t^*$

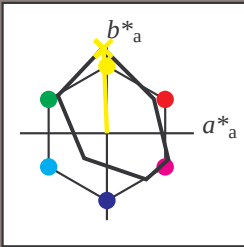
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

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^*



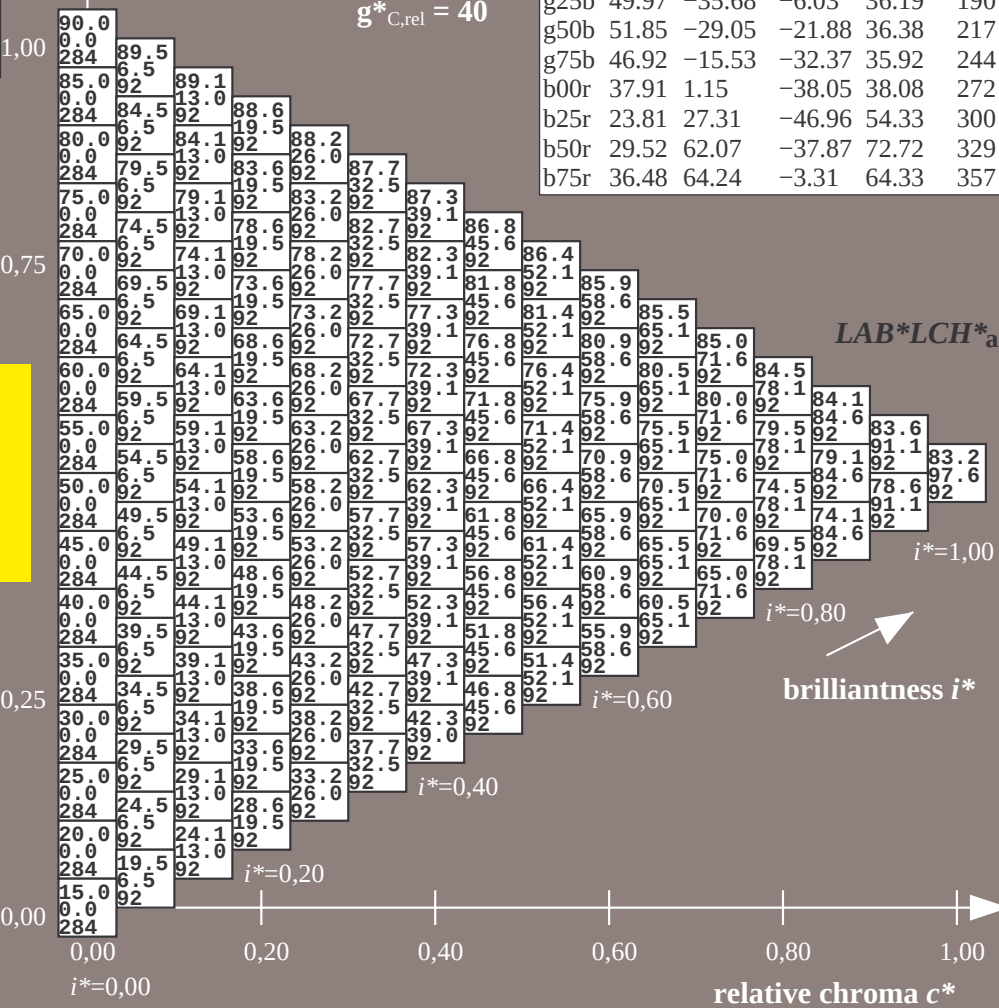
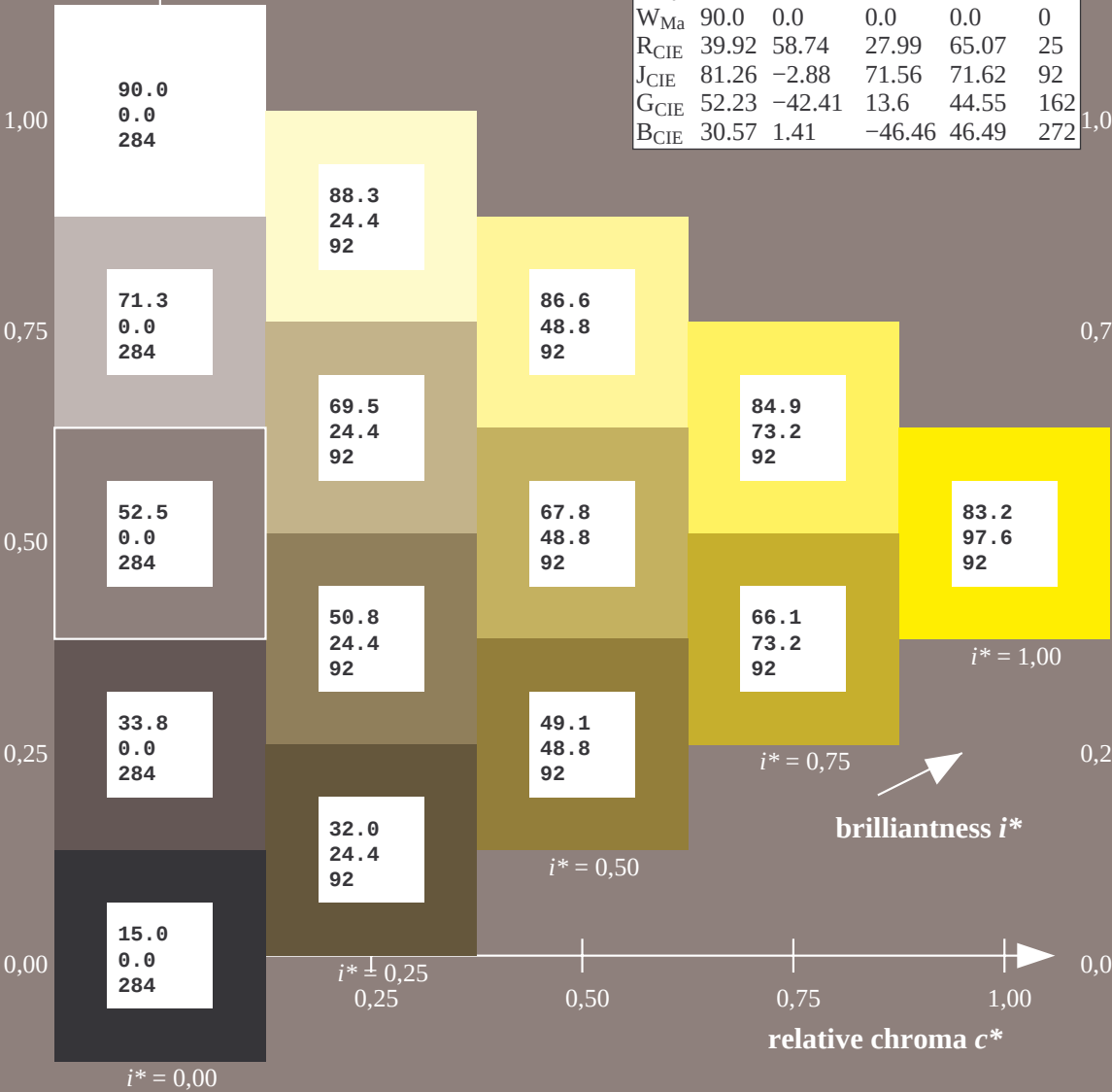
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

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

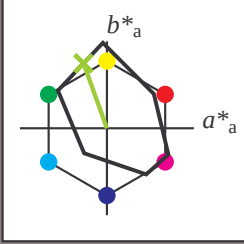
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	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 $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
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

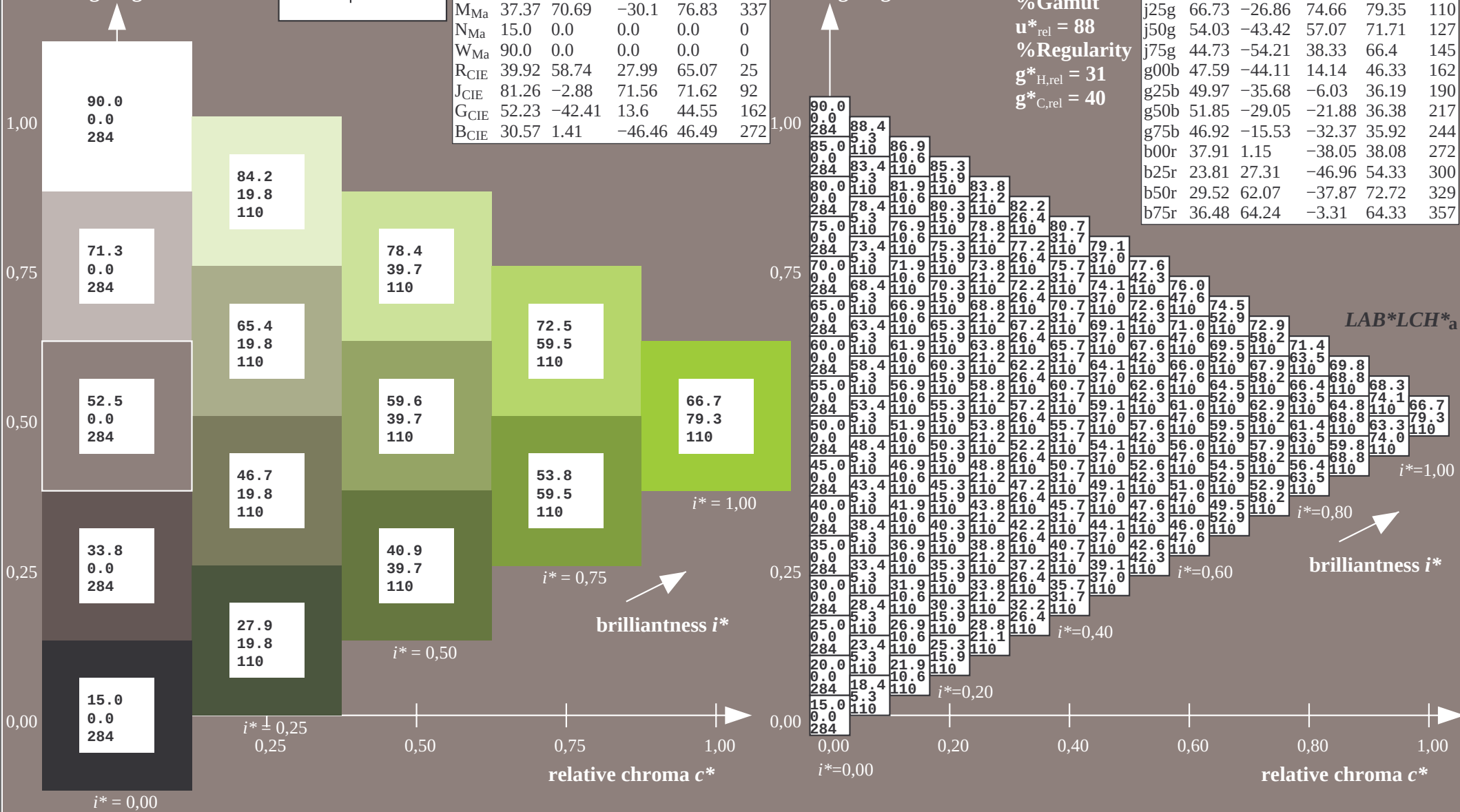
$u^*_{rel} = 88$

%Regularity

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

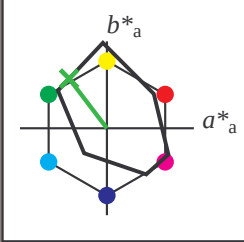
$g^*_{C,rel} = 40$

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

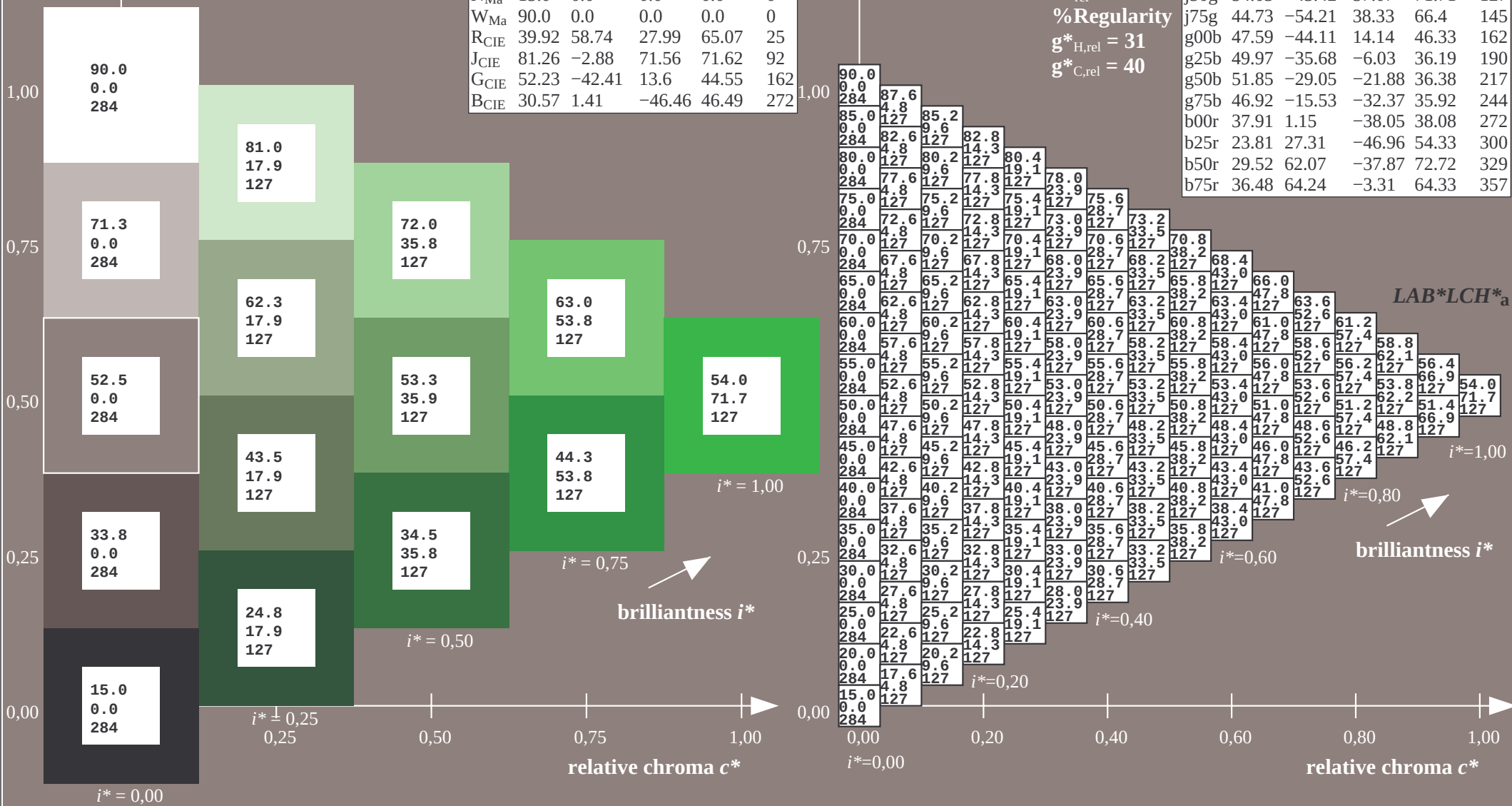
$u^*_{rel} = 88$

%Regularity

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

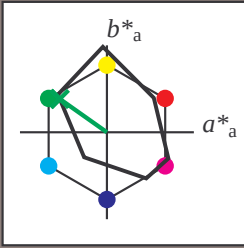
$g^*_{C,rel} = 40$

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



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ $u^* = j75g$
 $LAB^*LCH^*_a$
data for any colour:

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

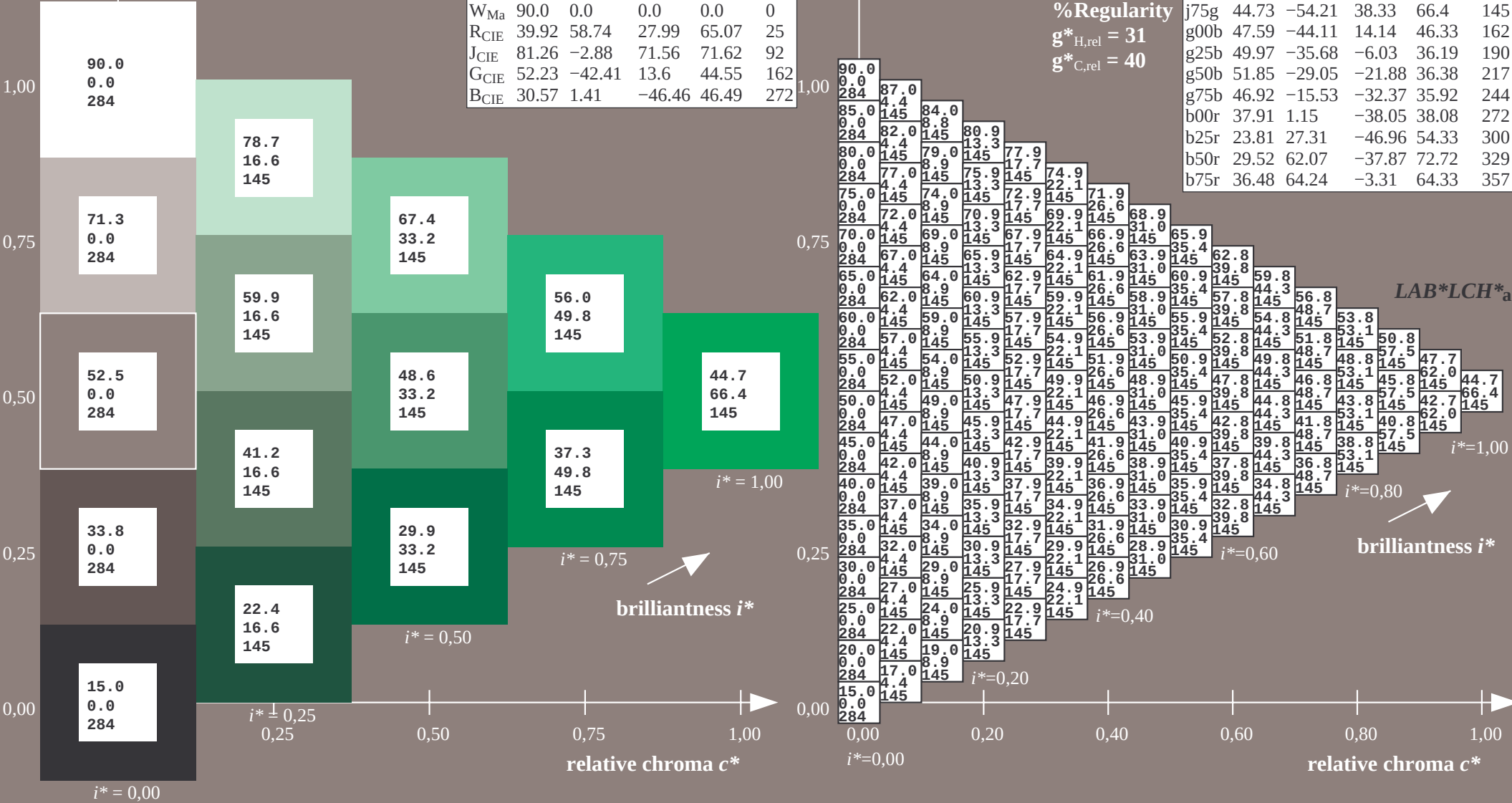


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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):

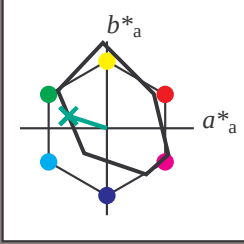
$LAB^*LAB^*_Ma$: 45 -53 38
 $LAB^*LCH^*_Ma$: 45 66 145
 $lab^*rgb^*_Ma$: 0.25 1.0 0.0
 $lab^*olv^*_Ma$: 0.0 1.0 0.07

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

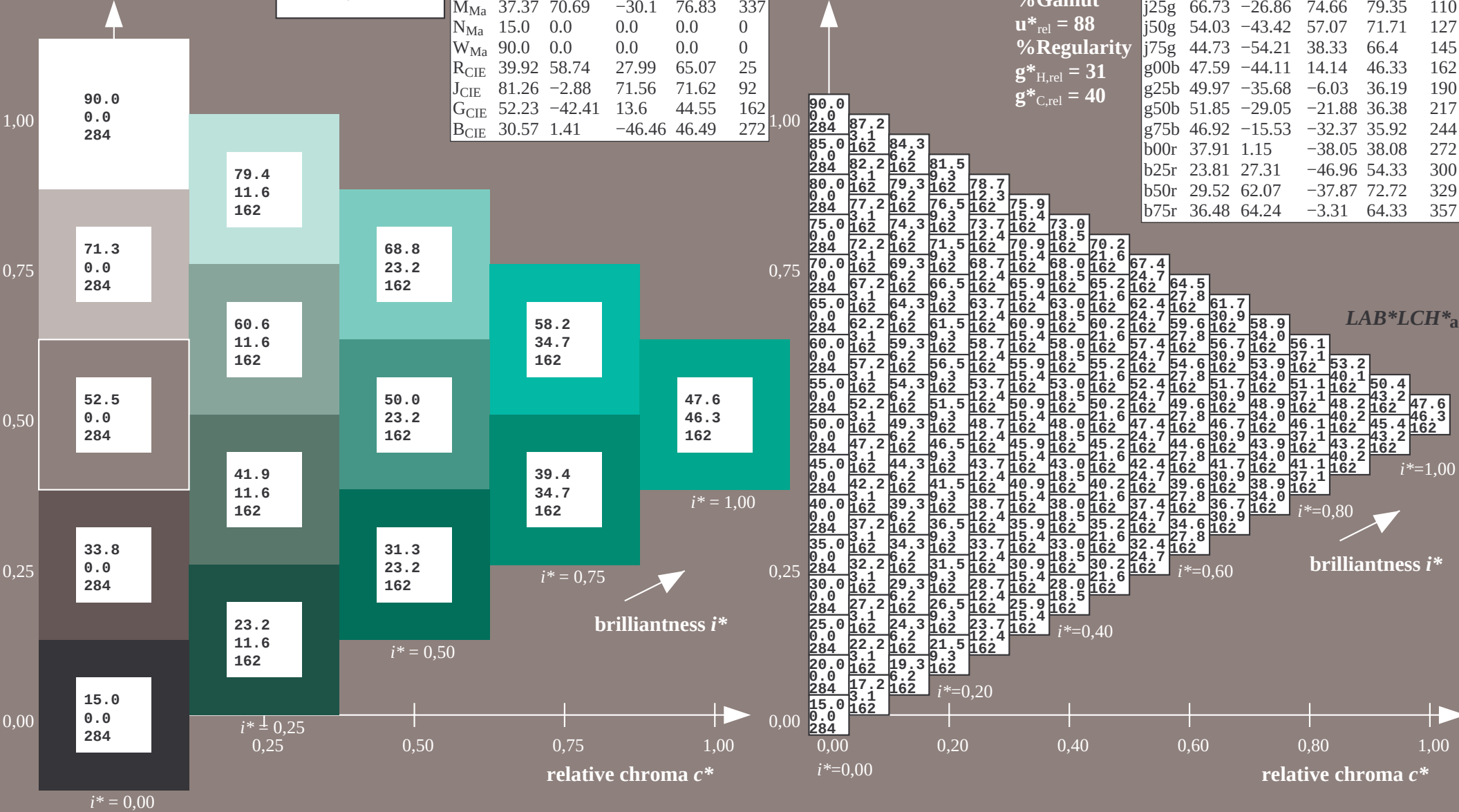
$u^*_{rel} = 88$

% Regularity

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

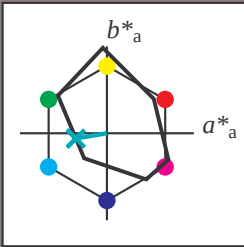
$g^*_{C,rel} = 40$

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



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

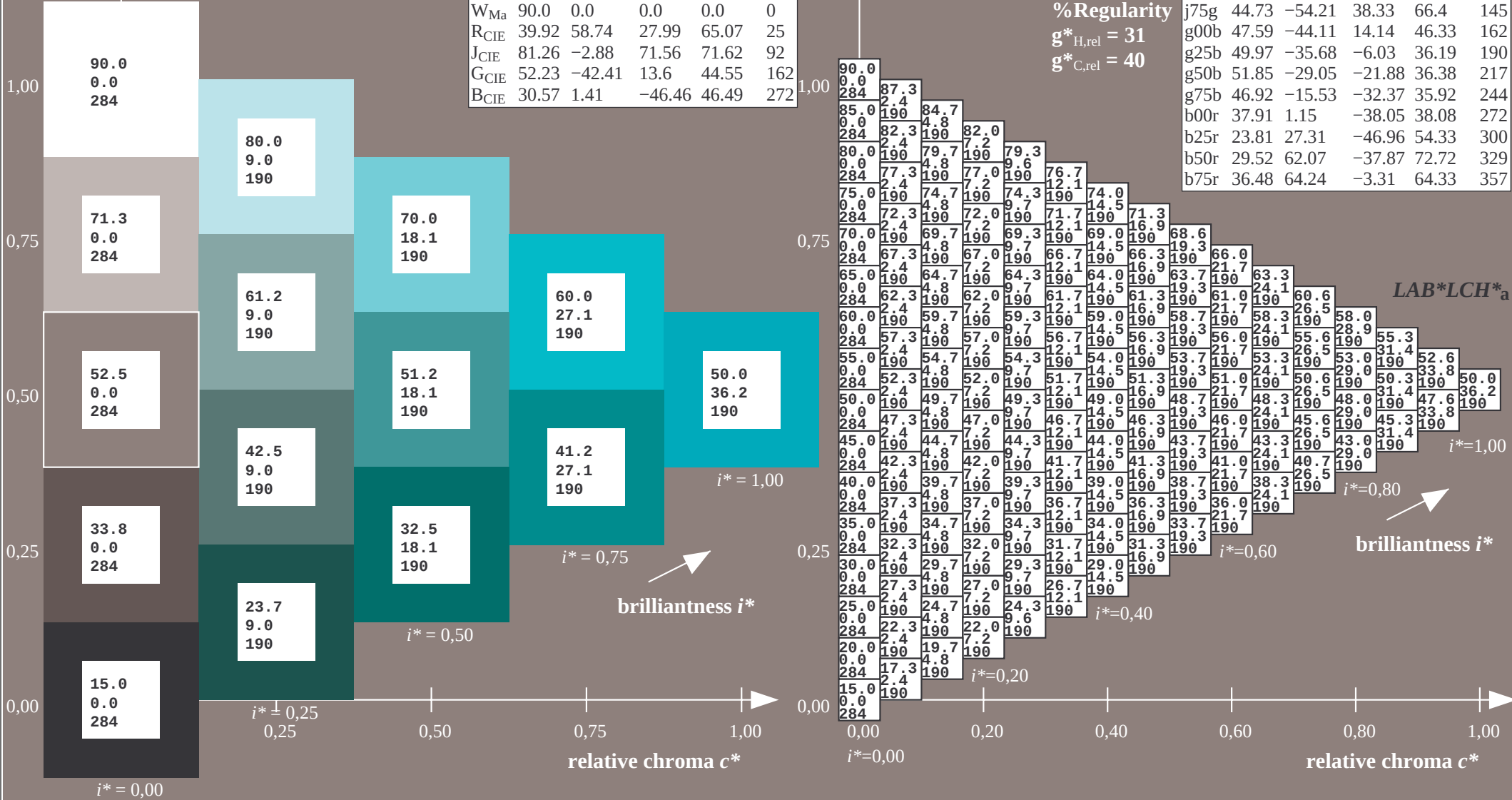
$u^*_{rel} = 88$

%Regularity

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

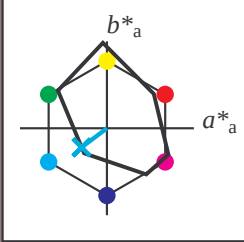
$g^*_{C,rel} = 40$

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



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; 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):

$LAB^*LAB^*Ma: 52 \ -28 \ -21$
 $LAB^*LCH^*Ma: 52 \ 36 \ 217$
 $lab^*rgb^*Ma: 0.0 \ 1.0 \ 1.0$
 $lab^*olv^*Ma: 0.0 \ 1.0 \ 0.9$

triangle lightness t^*

%Gamut

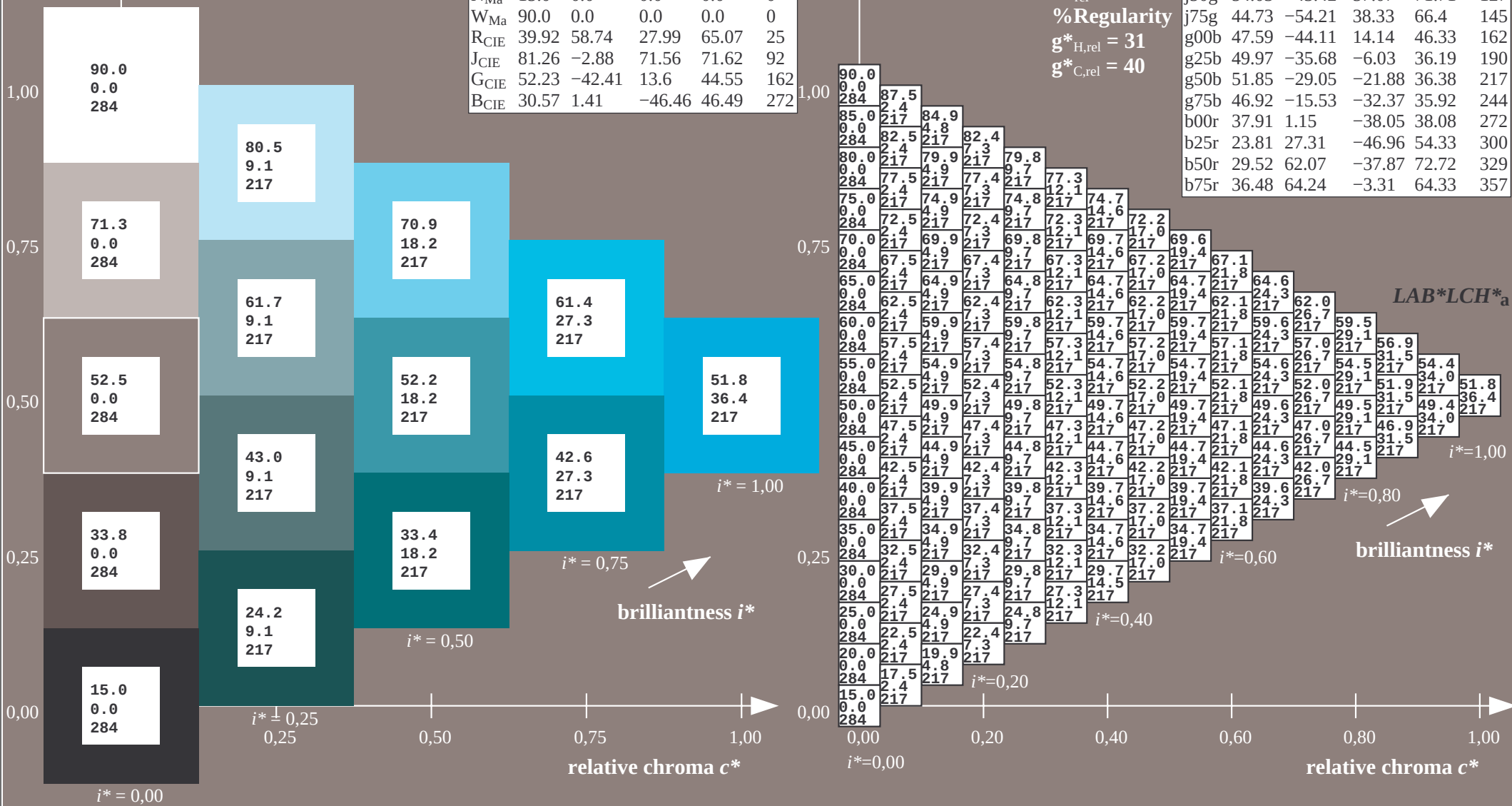
$u^*_{rel} = 88$

%Regularity

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

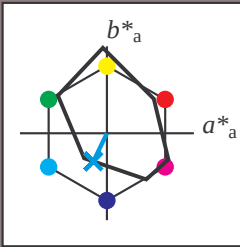
$g^*_{C,rel} = 40$

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^*

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

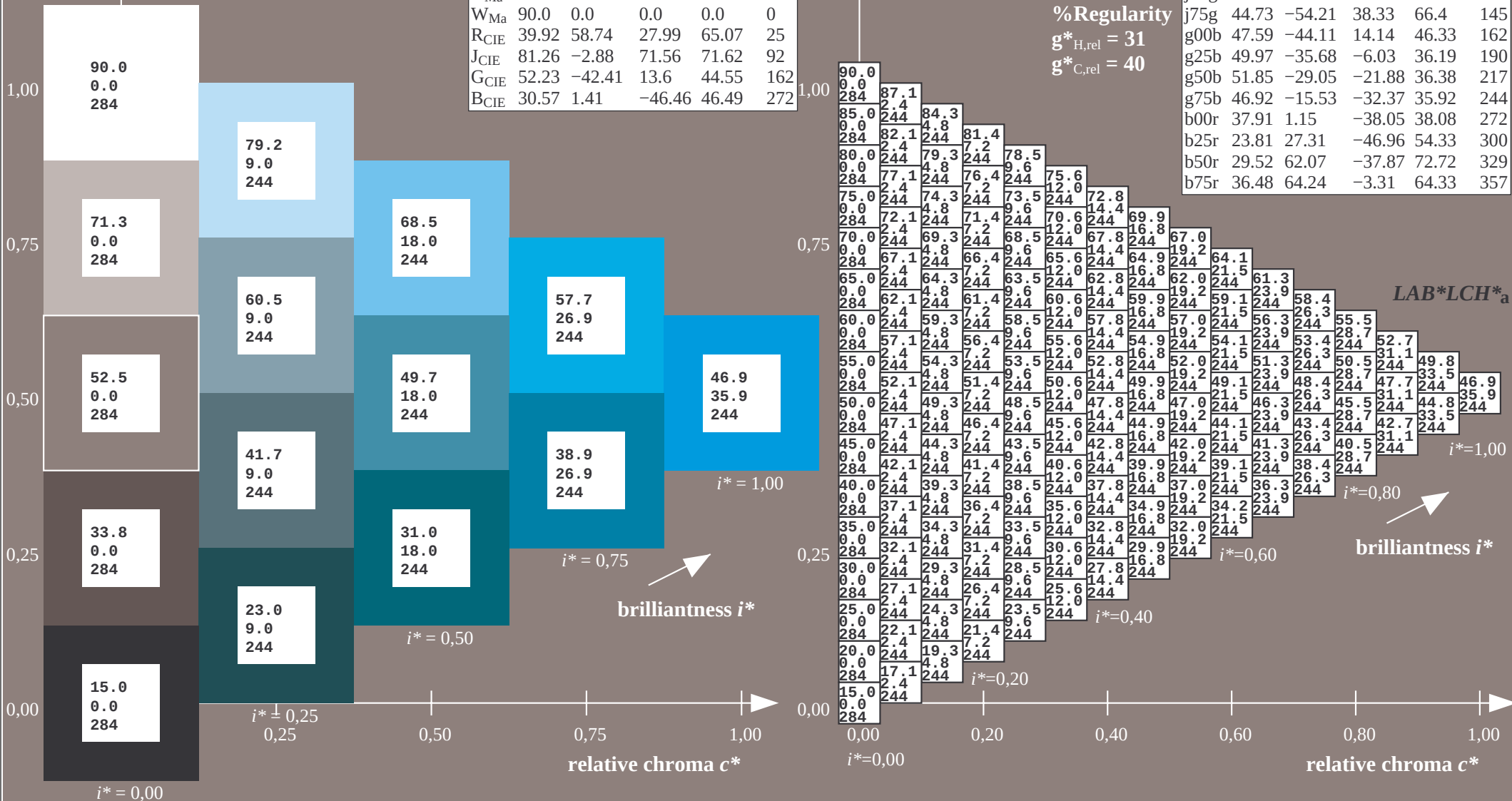


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

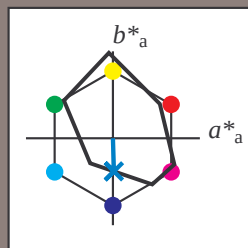
Data for maximum colour (Ma):

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

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



$u^* = b00r$
 $LAB^*LCH^*_a$

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^*

triangle lightness t^*

Figure 6

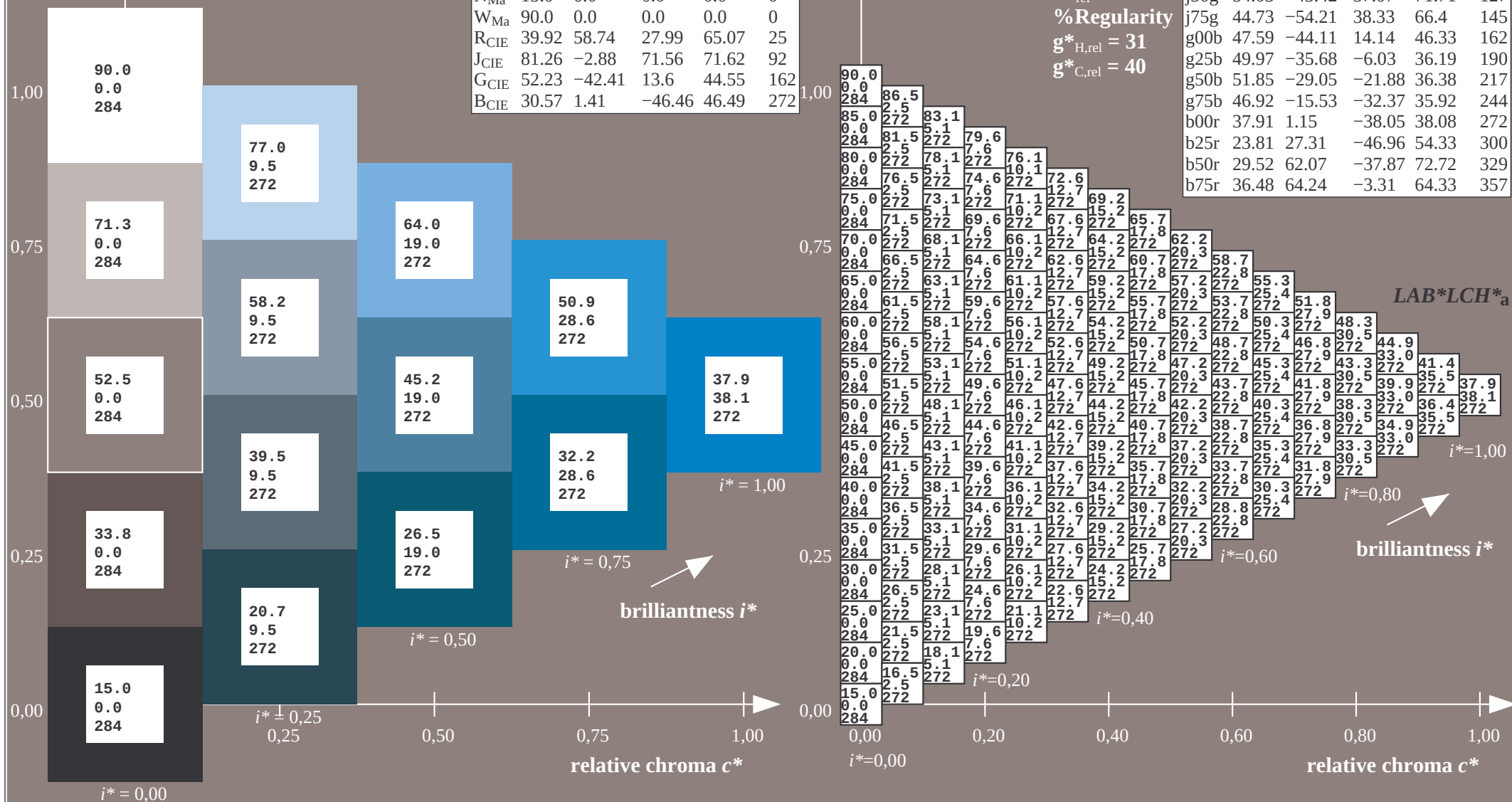
% Gamut

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

%Regularity

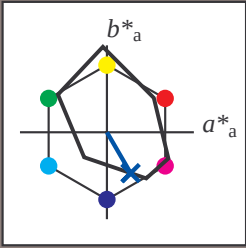
$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$

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 $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$
data for any colour:
 lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b25r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

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

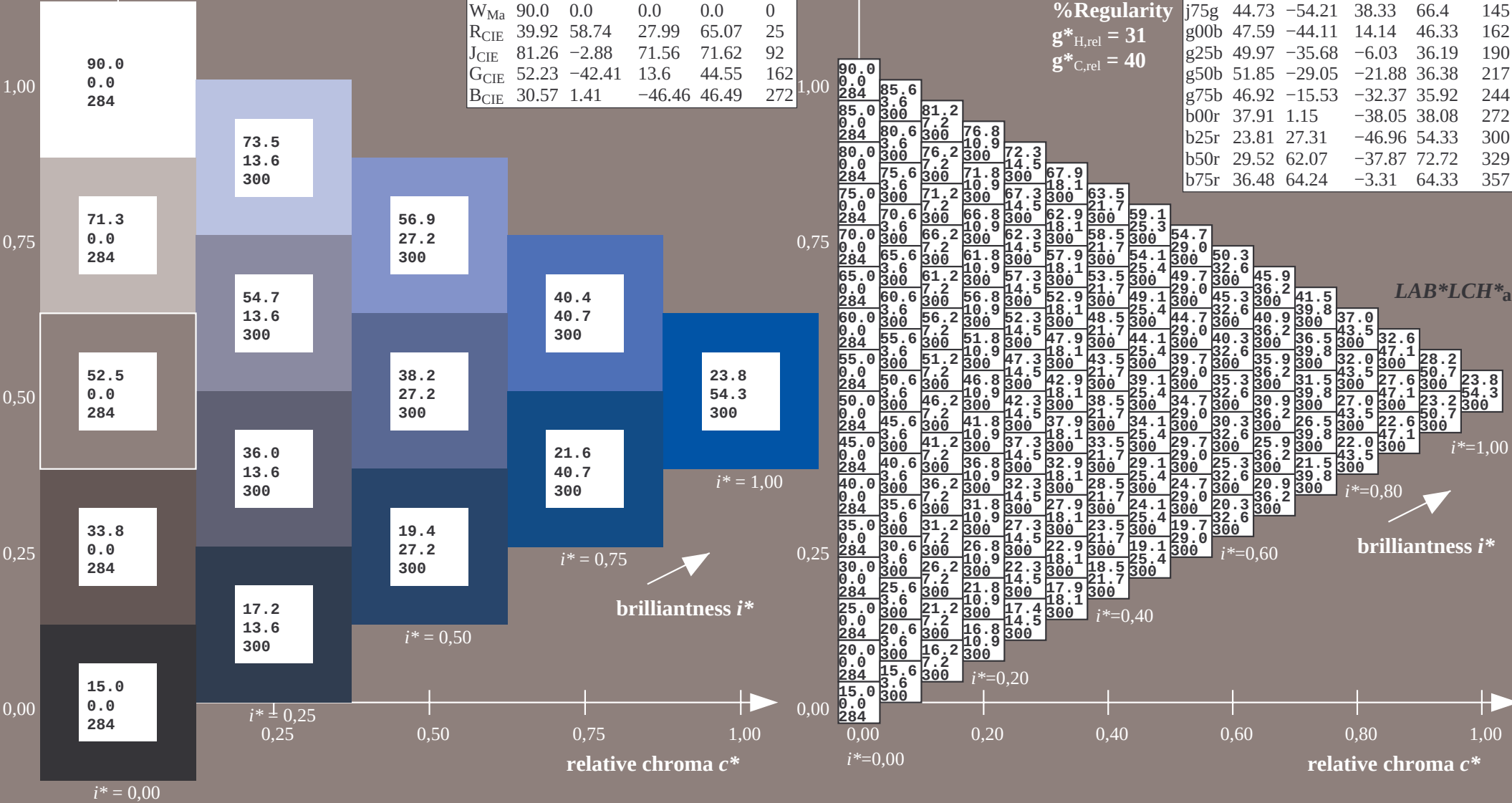


FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

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

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 $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

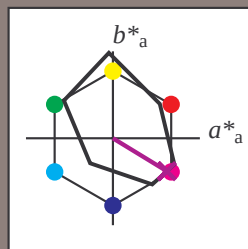
elementary hue text:

$u^* = b50r$

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):

$LAB^*LAB^*_{Ma}$: 30 62 -37

$LAB^*LCH^*_{Ma}$: 30 73 329

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

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

triangle lightness t^*

%Gamut

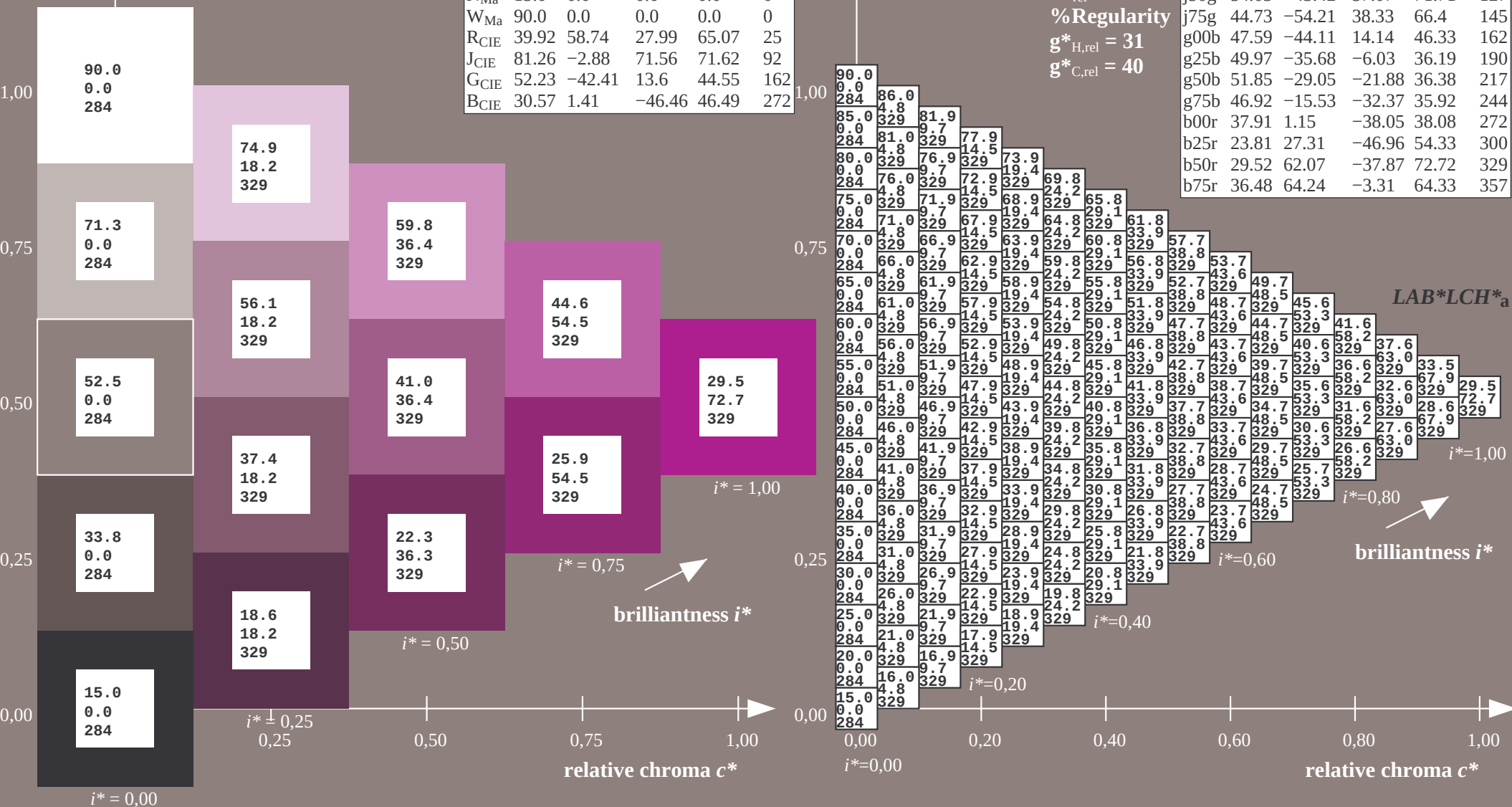
$u^*_{rel} = 88$

%Regularity

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

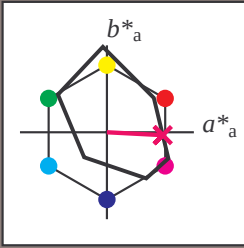
$g^*_{C,rel} = 40$

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



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$ $u^* = b75r$
 $LAB^*LCH^*_a$
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

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^*

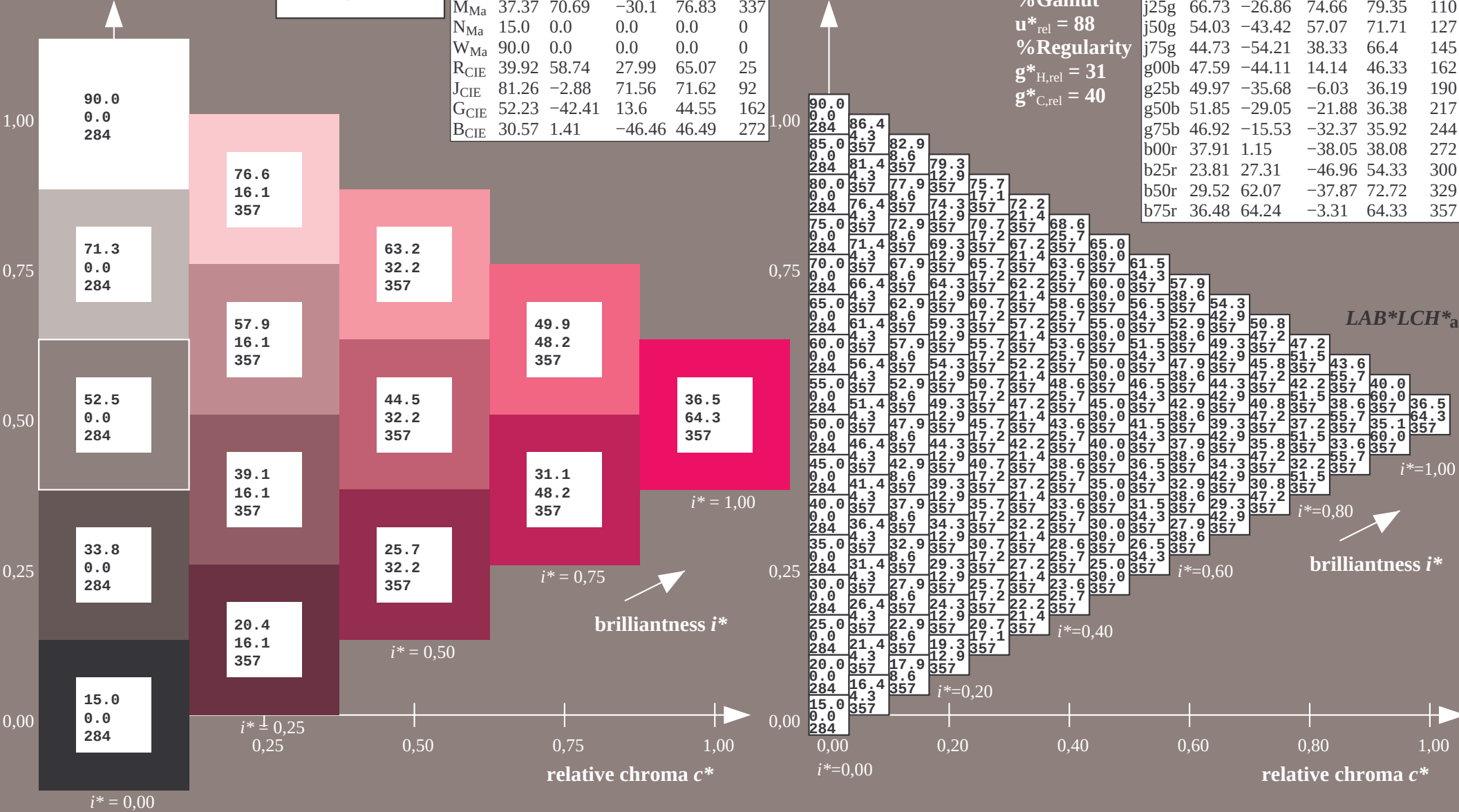
%Gamut

$u^*_{rel} = 88$

%Regularity

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

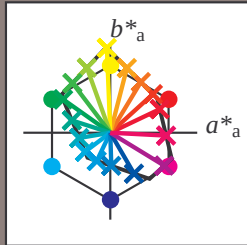
$g^*_{C,rel} = 40$



	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 0.0 284	18.6 8.9 142	22.3 17.8 142	25.9 26.7 142	29.6 35.5 142	33.2 44.4 142	36.9 53.3 142	40.5 62.2 142	44.1 8.4 142	17.5 12.3 113	23.6 19.3 122	27.2 27.4 127	30.9 34.5 130	34.5 44.5 132	38.2 53.2 136	41.8 62.0 142	45.4 70.8 135	49.1 10.8 136	20.0 16.7 70	26.1 18.3 93	32.2 24.6 105	35.8 31.1 113	39.5 46.5 119	43.1 54.8 122	46.8 63.2 125	50.4 71.7 127	54.0 0.0 284	60.0 8.4 36	63.1 0.0 36	66.4 16.7 36	69.4 25.1 36	72.5 33.4 36	75.7 41.8 36	78.8 50.2 36	81.9 58.5 284	85.0 66.9 284	88.1 0.0 284	91.2 15.0 284	94.3 15.0 284	97.4 15.0 284	100.5 15.0 284																																																																																																																																																																											
02	14.9 8.7 310	19.7 4.9 228	23.4 10.5 157	27.0 18.8 153	30.6 27.5 150	34.3 36.3 149	37.9 45.1 148	41.6 53.9 147	45.2 62.8 146	17.8 9.6 137	24.4 0.0 177	28.0 8.9 142	31.7 17.8 142	35.3 26.7 142	38.9 35.5 142	42.6 44.4 142	46.3 53.3 142	50.0 62.2 142	20.6 15.6 36	26.9 8.4 93	33.0 12.3 113	36.6 19.3 122	40.3 27.4 122	43.9 35.9 127	47.5 44.5 132	51.2 53.2 134	54.8 62.0 284	58.5 4.9 228	62.0 0.0 284	65.6 8.4 36	69.0 16.7 36	72.6 25.1 36	75.8 33.4 36	78.9 41.8 36	82.0 50.2 36	85.1 58.5 284	88.2 0.0 284	91.3 15.0 284	94.4 15.0 284	97.5 15.0 284	100.6 15.0 284																																																																																																																																																																											
03	14.8 17.4 310	19.6 10.5 283	24.1 9.7 228	28.1 13.7 187	31.3 20.9 162	35.3 29.1 157	38.9 37.6 154	42.7 46.3 153	46.3 55.0 152	17.7 8.8 137	24.3 4.9 228	29.1 10.5 170	32.7 18.7 170	36.4 18.8 157	40.0 27.5 153	43.6 45.1 149	47.3 53.9 148	50.9 62.0 132	20.6 19.2 36	27.2 9.6 93	33.8 0.8 109	37.4 8.9 122	41.0 17.8 142	44.0 35.5 142	47.4 44.4 142	50.8 53.3 142	54.2 62.0 284	57.6 9.7 228	60.9 4.9 284	64.4 8.4 36	67.5 16.7 36	70.6 25.1 36	73.7 33.4 36	76.8 41.8 36	79.9 50.2 36	83.0 58.5 284	86.1 0.0 284	89.2 15.0 284	92.3 15.0 284	95.4 15.0 284	98.5 15.0 284																																																																																																																																																																											
04	14.7 26.1 310	19.5 18.7 295	24.3 13.8 266	29.1 14.6 228	32.8 17.7 198	36.4 16.4 170	40.0 31.4 164	43.7 39.5 160	47.3 47.9 160	17.6 26.4 320	24.2 17.4 310	29.0 10.5 283	33.8 13.7 228	37.4 21.0 187	41.1 29.1 170	44.7 36.3 162	48.4 52.0 155	52.0 62.3 129	20.5 17.8 324	27.1 17.8 324	33.6 8.7 310	38.5 4.9 228	42.1 10.5 170	45.7 18.8 170	49.4 27.4 157	53.0 36.3 142	56.7 45.1 284	60.0 14.6 228	63.6 9.7 284	66.6 4.9 284	69.6 8.4 36	72.6 16.7 36	75.6 25.1 36	78.6 33.4 36	81.6 41.8 36	84.6 50.2 36	87.6 58.5 284	90.6 0.0 284	93.6 15.0 284	96.6 15.0 284	99.6 15.0 284	102.6 15.0 284																																																																																																																																																																										
05	14.6 34.9 310	19.4 27.2 283	24.2 21.0 257	29.0 17.9 228	33.8 22.0 204	38.8 27.4 187	43.8 34.1 177	48.4 41.9 170	53.0 35.0 317	17.5 26.1 310	24.1 18.7 295	28.9 13.9 283	33.7 14.6 228	38.5 17.7 180	42.1 31.4 180	45.8 39.5 170	49.4 52.0 164	53.0 62.3 129	20.5 17.8 324	27.1 17.8 324	33.6 8.7 310	38.5 4.9 228	42.1 10.5 170	45.7 18.8 170	49.4 27.4 157	53.0 36.3 142	56.7 45.1 284	60.0 14.6 228	63.6 9.7 284	66.6 4.9 284	69.6 8.4 36	72.6 16.7 36	75.6 25.1 36	78.6 33.4 36	81.6 41.8 36	84.6 50.2 36	87.6 58.5 284	90.6 0.0 284	93.6 15.0 284	96.6 15.0 284	99.6 15.0 284	102.6 15.0 284																																																																																																																																																																										
06	14.5 43.6 310	19.3 35.8 291	24.1 29.0 274	28.9 24.1 250	33.7 22.3 228	38.5 26.6 208	42.2 31.3 193	45.8 37.5 183	49.5 37.5 183	17.4 34.7 310	24.0 19.9 300	28.8 27.2 280	33.6 21.0 280	38.4 17.9 280	43.2 19.4 280	46.8 22.0 280	50.5 27.4 187	54.1 34.3 172	20.3 44.2 322	26.9 35.0 317	33.4 18.7 295	38.2 13.9 266	43.1 14.6 228	47.9 17.8 180	51.5 23.9 180	55.2 31.4 170	58.8 31.4 228	62.0 19.4 228	65.6 14.6 228	69.0 9.7 284	72.6 8.4 36	76.0 25.1 36	79.4 33.4 36	82.8 41.8 36	86.2 50.2 36	89.6 58.5 284	93.0 0.0 284	96.4 15.0 284	99.8 15.0 284	103.2 15.0 284	106.6 15.0 284																																																																																																																																																																											
07	14.4 52.3 310	19.2 44.0 304	24.0 37.3 295	28.8 31.5 283	33.6 27.7 266	38.4 29.2 228	43.2 31.2 211	46.9 35.4 198	50.5 52.3 315	17.3 43.6 310	23.8 35.8 303	28.7 33.5 291	33.8 29.4 274	38.3 24.3 250	43.1 24.3 228	47.9 51.6 208	51.6 55.2 193	55.2 62.0 132	20.5 17.8 324	27.1 17.8 324	33.6 8.7 310	38.5 4.9 228	42.1 10.5 170	45.7 18.8 170	49.4 27.4 157	53.0 36.3 142	56.7 45.1 284	60.0 14.6 228	63.6 9.7 284	66.6 4.9 284	69.6 8.4 36	72.6 16.7 36	75.6 25.1 36	78.6 33.4 36	81.6 41.8 36	84.6 50.2 36	87.6 58.5 284	90.6 0.0 284	93.6 15.0 284	96.6 15.0 284	99.6 15.0 284	102.6 15.0 284																																																																																																																																																																										
08	14.3 61.0 310	19.1 53.1 305	23.9 45.8 298	28.7 39.4 289	33.5 34.5 276	38.3 31.6 244	43.1 35.4 228	47.9 35.9 213	51.6 53.0 314	17.2 52.3 310	23.8 35.8 304	28.6 33.5 297	33.5 29.4 274	38.2 27.7 266	42.1 31.5 266	45.8 27.6 266	49.4 52.0 164	53.0 62.3 129	20.5 17.8 324	27.1 17.8 324	33.6 8.7 310	38.5 4.9 228	42.1 10.5 170	45.7 18.8 170	49.4 27.4 157	53.0 36.3 142	56.7 45.1 284	60.0 14.6 228	63.6 9.7 284	66.6 4.9 284	69.6 8.4 36	72.6 16.7 36	75.6 25.1 36	78.6 33.4 36	81.6 41.8 36	84.6 50.2 36	87.6 58.5 284	90.6 0.0 284	93.6 15.0 284	96.6 15.0 284	99.6 15.0 284	102.6 15.0 284																																																																																																																																																																										
09	14.2 69.7 310	19.0 61.8 306	23.8 54.4 293	28.6 47.7 283	33.4 38.2 271	38.3 35.8 257	43.1 36.2 241	47.9 38.9 228	51.6 53.0 314	17.2 52.3 310	23.8 35.8 305	28.6 33.5 298	33.5 29.4 276	38.3 34.5 261	42.9 31.6 244	47.7 51.5 228	51.5 62.0 132	20.5 17.8 324	27.1 17.8 324	33.6 8.7 310	38.5 4.9 228	42.1 10.5 170	45.7 18.8 170	49.4 27.4 157	53.0 36.3 142	56.7 45.1 284	60.0 14.6 228	63.6 9.7 284	66.6 4.9 284	69.6 8.4 36	72.6 16.7 36	75.6 25.1 36	78.6 33.4 36	81.6 41.8 36	84.6 50.2 36	87.6 58.5 284	90.6 0.0 284	93.6 15.0 284	96.6 15.0 284	99.6 15.0 284	102.6 15.0 284																																																																																																																																																																											
10	22.5 25.1 36	28.6 25.6 60	34.7 30.0 79	40.8 36.9 93	44.4 43.2 102	48.1 50.2 108	51.7 55.7 113	55.4 58.7 117	59.0 65.7 120	25.0 33.5 126	31.1 36.6 136	37.2 42.1 146	43.3 49.2 156	49.4 55.3 166	53.0 62.2 176	56.7 69.5 186	60.3 77.1 196	63.9 81.8 206	27.5 41.8 216	33.6 43.8 226	39.7 48.2 236	45.8 54.2 246	51.9 60.7 256	58.0 67.6 266	64.1 74.2 276	68.9 81.3 286	72.8 85.0 296	76.8 89.2 306	80.8 92.9 316	84.8 97.9 326	88.8 101.0 336	92.8 104.1 346	96.8 109.2 356	100.8 112.3 366	104.8 117.4 376	108.8 120.5 386	112.8 123.6 396	116.8 126.6 406	120.8 130.6 416	124.8 134.6 426	128.8 138.6 436	132.8 142.6 446	136.8 146.6 456	140.8 150.6 466	144.8 154.6 476	148.8 158.6 486	152.8 162.6 496	156.8 166.6 506	160.8 170.6 516	164.8 174.6 526	168.8 178.6 536	172.8 182.6 546	176.8 186.6 556	180.8 190.6 566	184.8 194.6 576	188.8 198.6 586	192.8 202.6 596	196.8 206.6 606	200.8 210.6 616	204.8 214.6 626	208.8 218.6 636	212.8 222.6 646	216.8 226.6 656	220.8 230.6 666	224.8 234.6 676	228.8 238.6 686	232.8 242.6 696	236.8 246.6 706	240.8 250.6 716	244.8 254.6 726	248.8 258.6 736	252.8 262.6 746	256.8 266.6 756	260.8 270.6 766	264.8 274.6 776	268.8 278.6 786	272.8 282.6 796	276.8 286.6 806	280.8 290.6 816	284.8 294.6 826	288.8 298.6 836	292.8 302.6 846	296.8 306.6 856	300.8 310.6 866	304.8 314.6 876	308.8 318.6 886	312.8 322.6 896	316.8 326.6 906	320.8 330.6 916	324.8 334.6 926	328.8 338.6 936	332.8 342.6 946	336.8 346.6 956	340.8 350.6 966	344.8 354.6 976	348.8 358.6 986	352.8 362.6 996	356.8 366.6 1006	360.8 370.6 1016	364.8 374.6 1026	368.8 378.6 1036	372.8 382.6 1046	376.8 386.6 1056	380.8 390.6 1066	384.8 394.6 1076	388.8 398.6 1086	392.8 402.6 1096	396.8 406.6 1106	400.8 410.6 1116	404.8 414.6 1126	408.8 418.6 1136	412.8 422.6 1146	416.8 426.6 1156	420.8 430.6 1166	424.8 434.6 1176	428.8 438.6 1186	432.8 442.6 1196	436.8 446.6 1206	440.8 450.6 1216	444.8 454.6 1226	448.8 458.6 1236	452.8 462.6 1246	456.8 466.6 1256	460.8 470.6 1266	464.8 474.6 1276	468.8 478.6 1286	472.8 482.6 1296	476.8 486.6 1306	480.8 490.6 1316	484.8 494.6 1326	488.8 498.6 1336	492.8 502.6 1346	496.8 506.6 1356	500.8 510.6 1366	504.8 514.6 1376	508.8 518.6 1386	512.8 522.6 1396	516.8 526.6 1406	520.8 530.6 1416	524.8 534.6 1426	528.8 538.6 1436	532.8 542.6 1446	536.8 546.6 1456	540.8 550.6 1466	544.8 554.6 1476	548.8 558.6 1486	552.8 562.6 1496	556.8 566.6 1506	560.8 570.6 1516	564.8 574.6 1526	568.8 578.6 1536	572.8 582.6 1546	576.8 586.6 1556	580.8 590.6 1566	584.8 594.6 1576	588.8 598.6 1586	592.8 602.6 1596	596.8 606.6 1606	600.8 610.6 1616	604.8 614.6 1626	608.8 618.6 1636	612.8 622.6 1646	616.8 626.6 1656	620.8 630.6 1666	624.8 634.6 1676	628.8 638.6 1686	632.8 642.6 1696	636.8 646.6 1706	640.8 650.6 1716	644.8 654.6 1726	648.8 658.6 1736	652.8 662.6 1746	656.8 666.6 1756	660.8 670.6 1766	664.8 674.6 1776	668.8 678.6 1786	672.8 682.6 1796	676.8 686.6 1806	680.8 690.6 1816	684.8 694.6 1826	688.8 698.6 1836	692.8 702.6 1846	696.8 706.6 1856	700.8 710.6 1866	704.8 714.6 1876	708.8 718.6 1886	712.8 722.6 1896	716.8 726.6 1906	720.8 730.6 1916	724.8 734.6 1926	728.8 738.6 1936	732.8 742.6 1946	736.8 746.6 1956	740.8 750.6 1966	744.8 754.6 1976	748.8 758.6 1986	752.8 762.6 1996	756.8 766.6 2006	760.8 770.6 2016	764.8 774.6 2026	768.8 778.6 2036	772.8 782.6 2046	776.8 786.6 2056	780.8 790.6 2066	784.8 794.6 2076	788.8 798.6 2086	792.8 802.6 2096	796.8 806.6 2106	800.8 810.6 2116	804.8 814.6 2126	808.8 818.6 2136	81

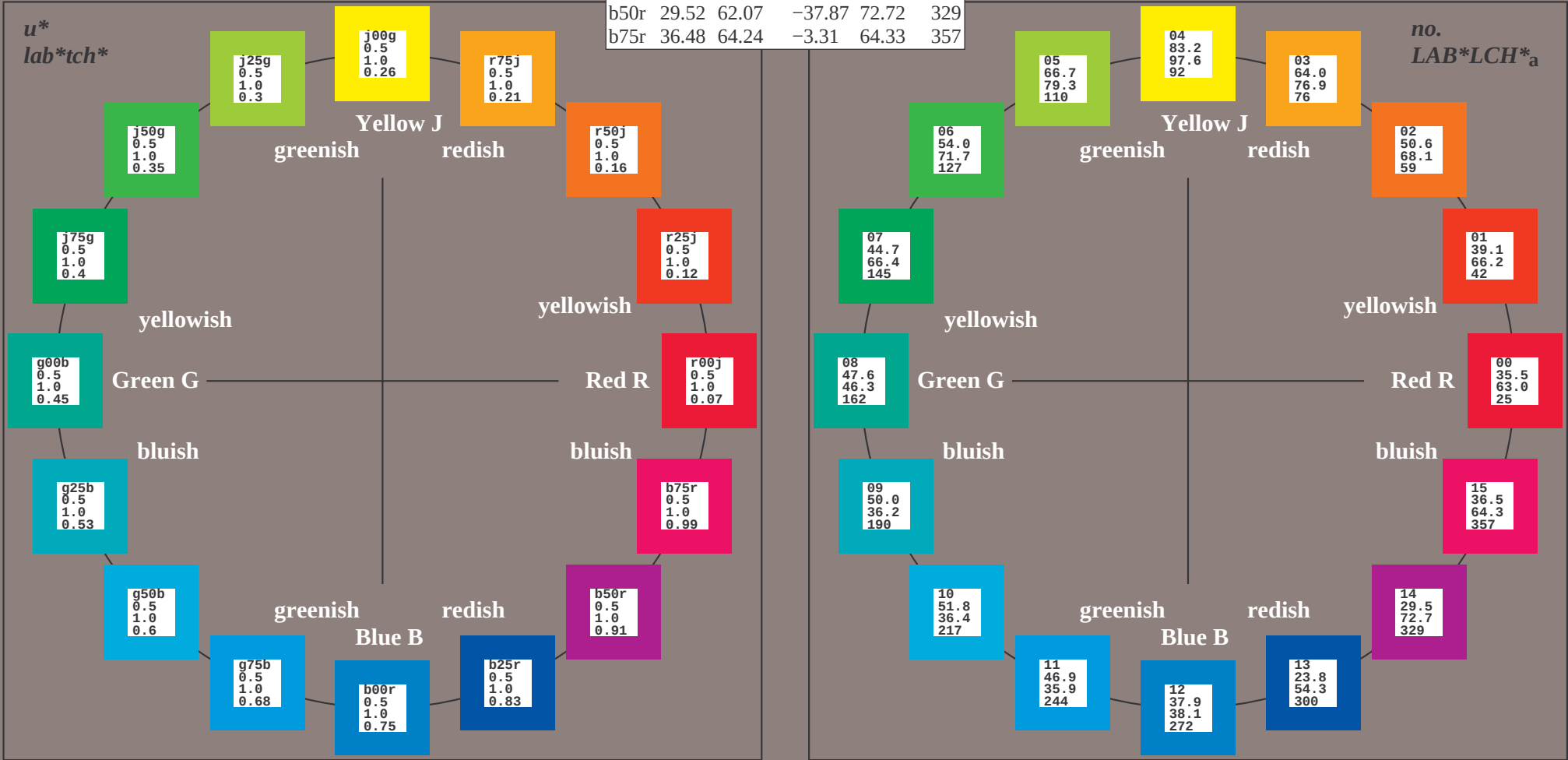
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
contrast reduction factor:
c_R = 0.9

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



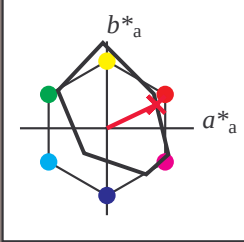
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

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

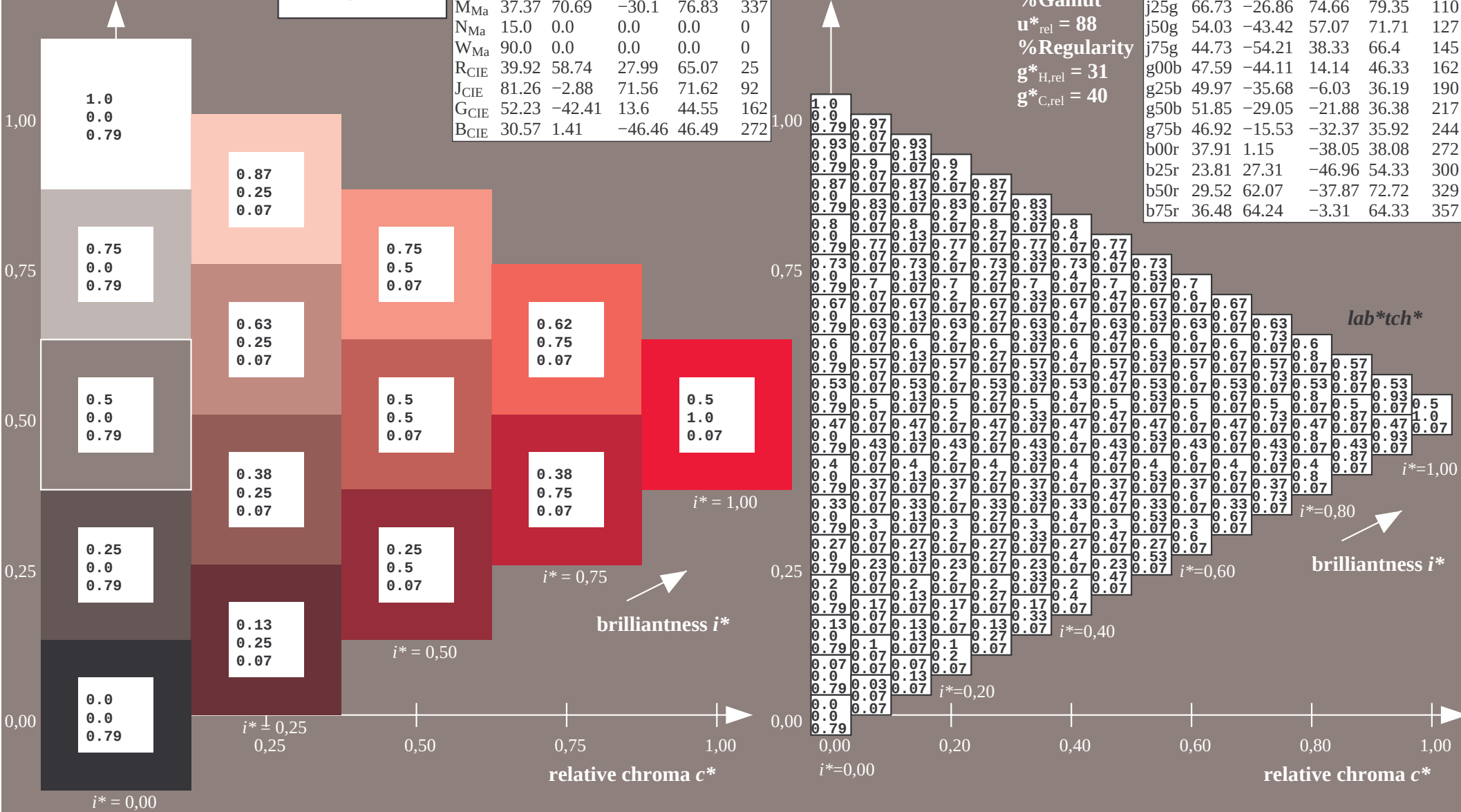
$u^*_{rel} = 88$

% Regularity

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

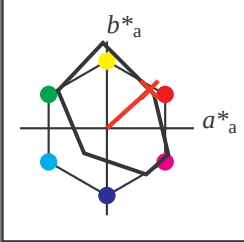
$g^*_{C,rel} = 40$

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

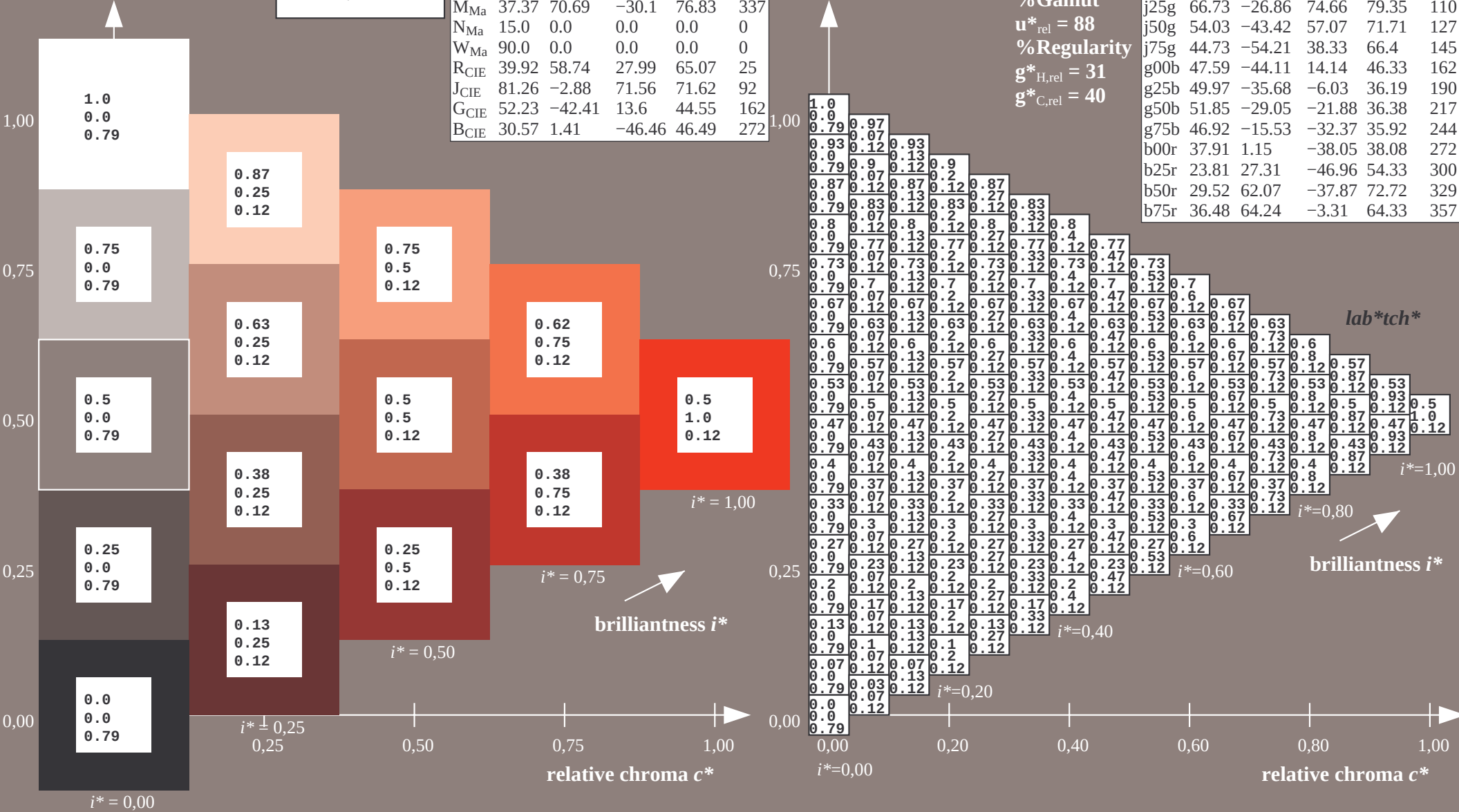
$u^*_{rel} = 88$

% Regularity

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

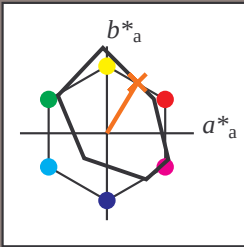
$g^*_{C,rel} = 40$

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

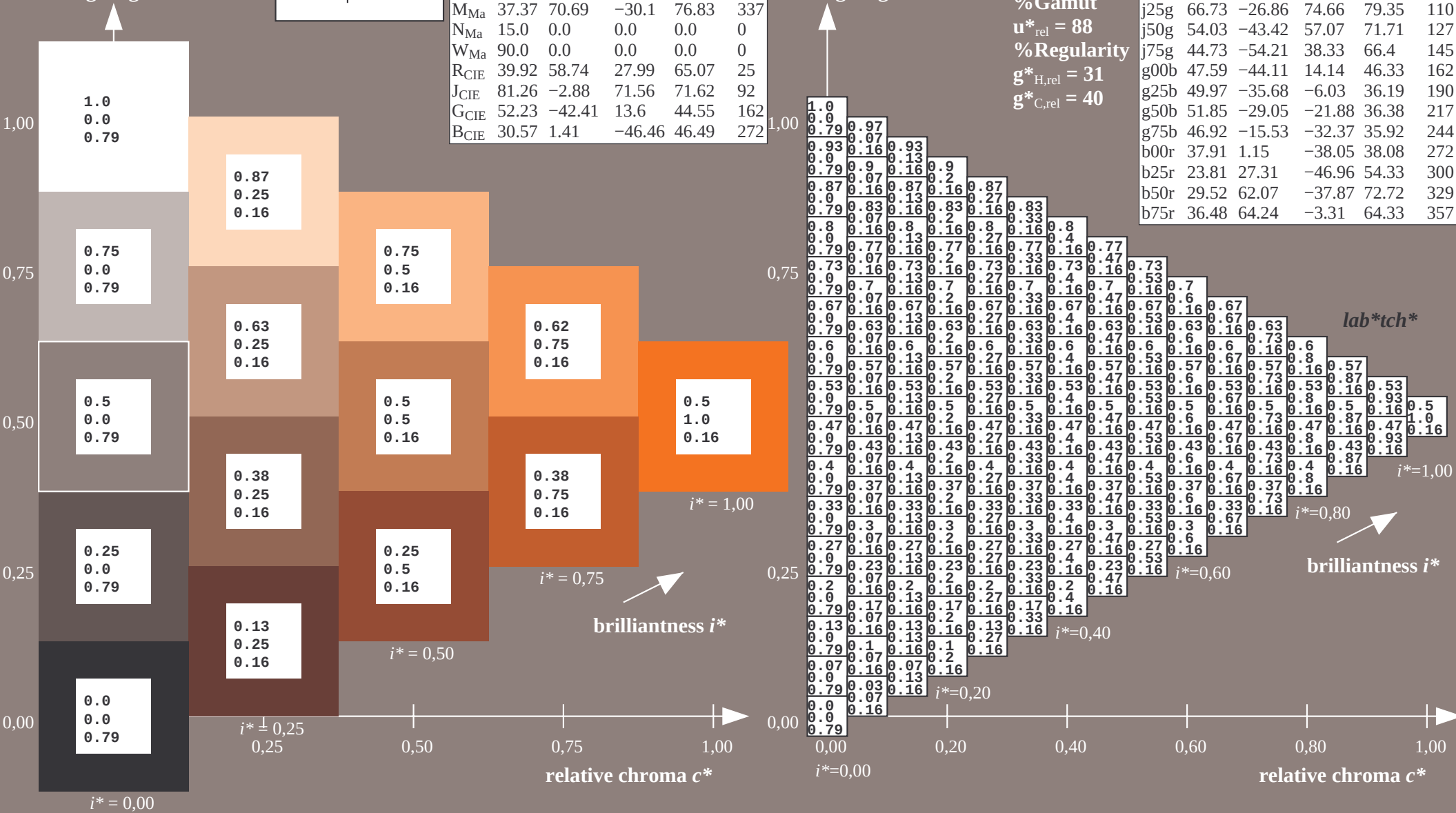
$u^*_{rel} = 88$

%Regularity

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

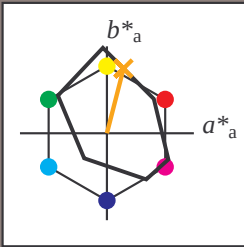
$g^*_{C,rel} = 40$

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

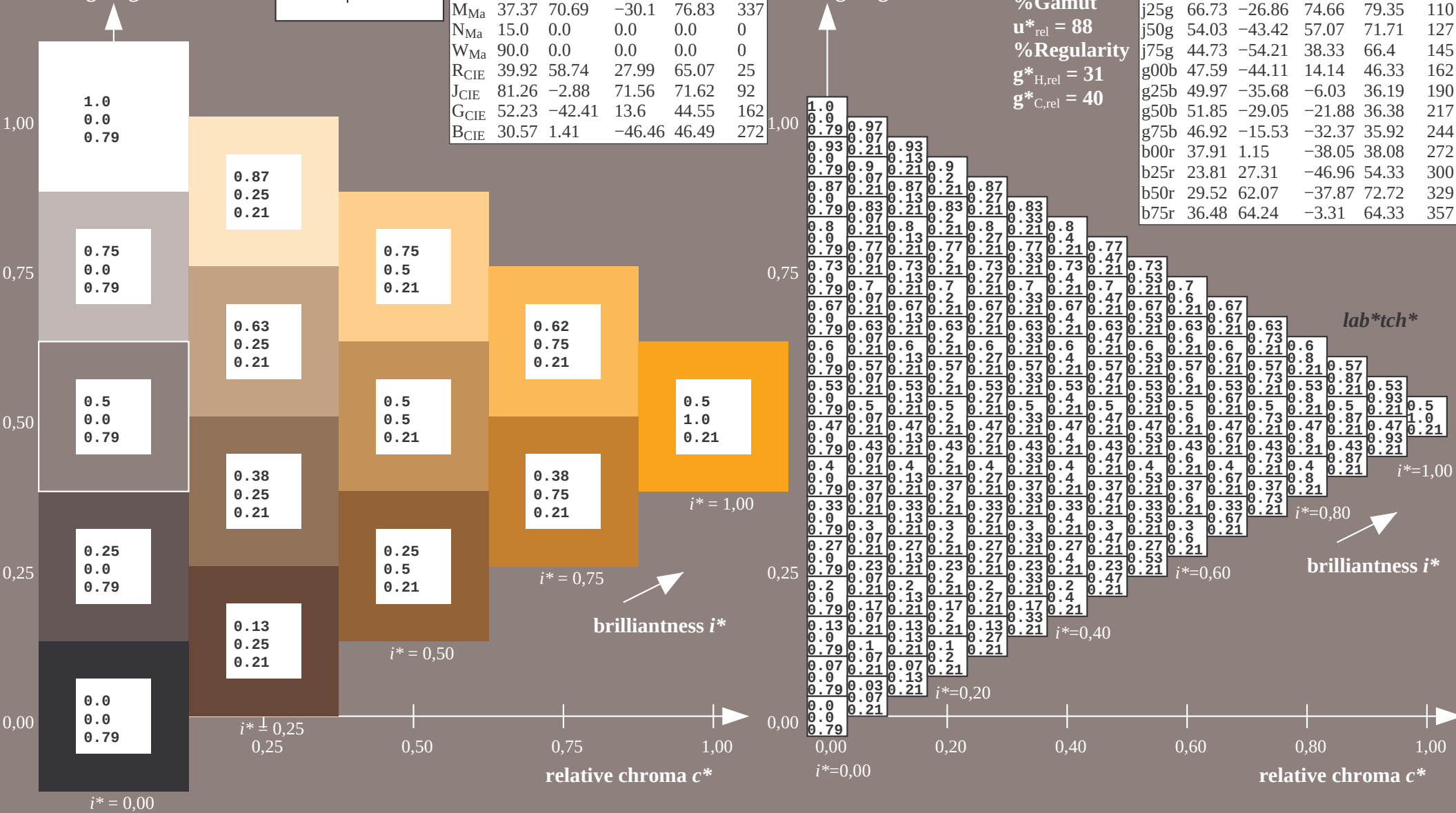
$u^*_{rel} = 88$

%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



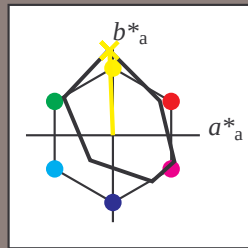
$u^* = j00g$
 lab^*tch^*

$$u^* = j00g$$

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^*

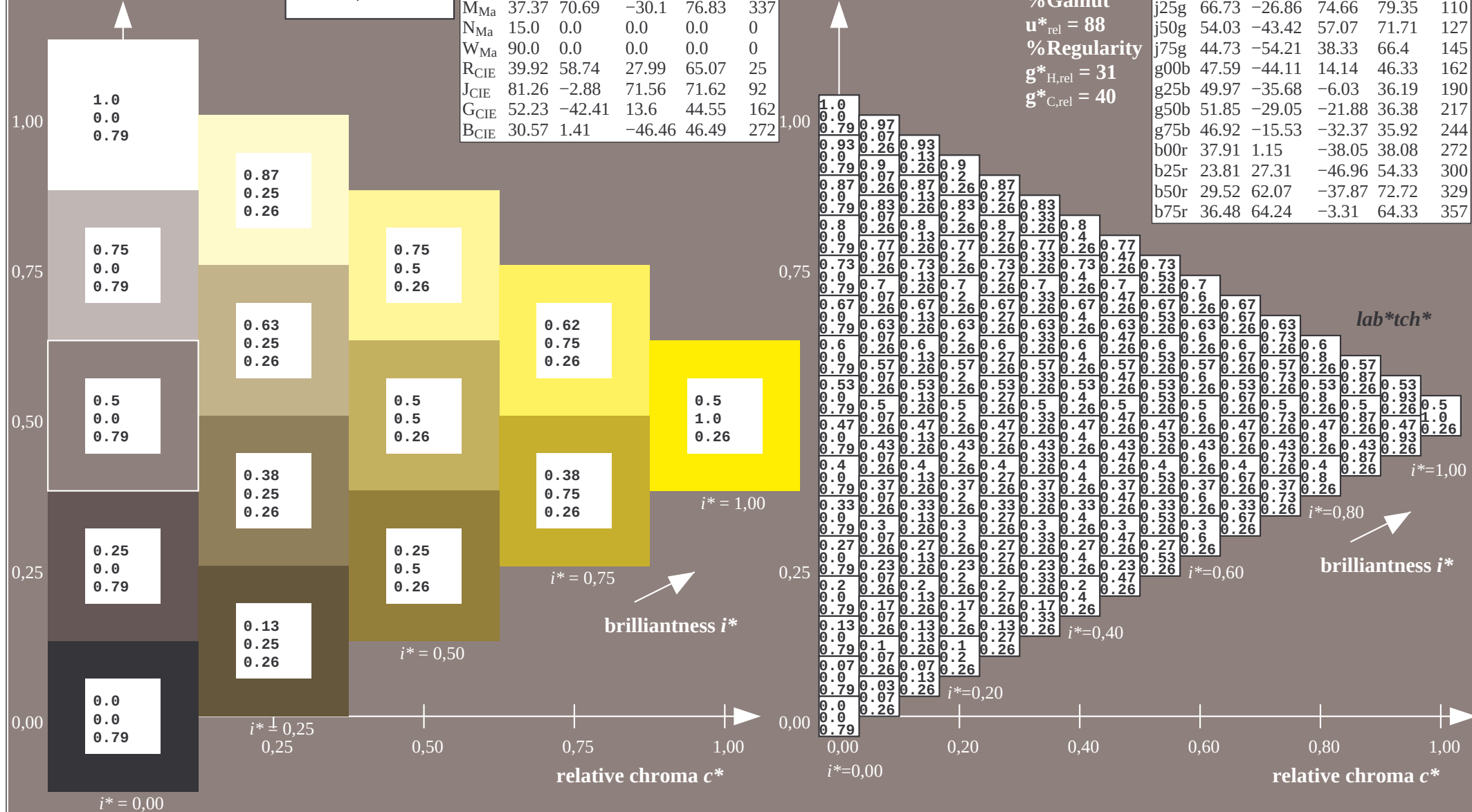
% Gamut

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

%Regularity

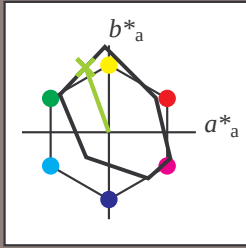
$$g^*_{H,rel} = 31$$
$$g^*_{C,rel} = 40$$

	$L^* = L^*_a$	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



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

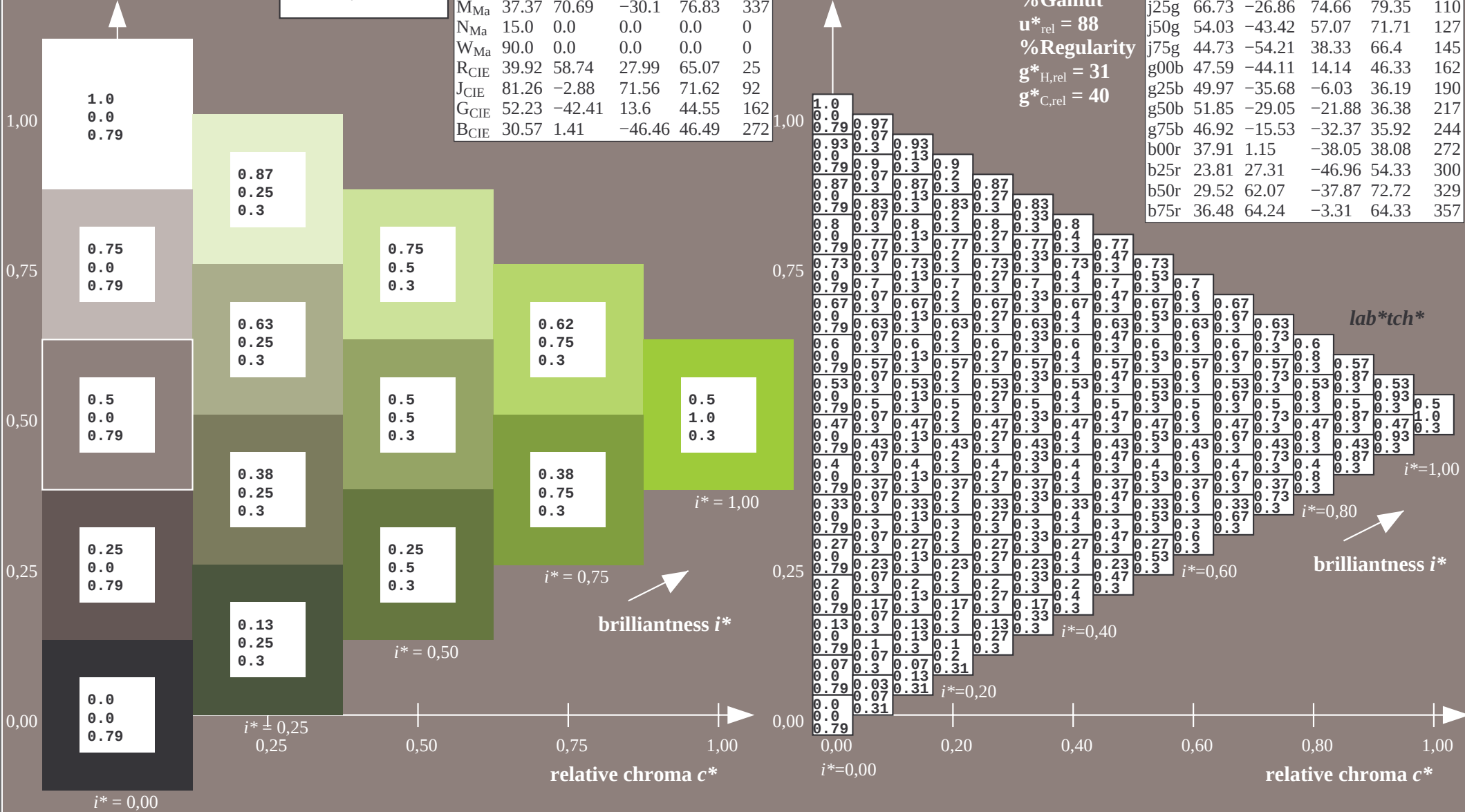
$u^*_{rel} = 88$

%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:

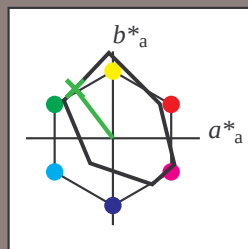
lab^*tch^* and lab^*icu^*
 elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



	$L^*=L^*_a$	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

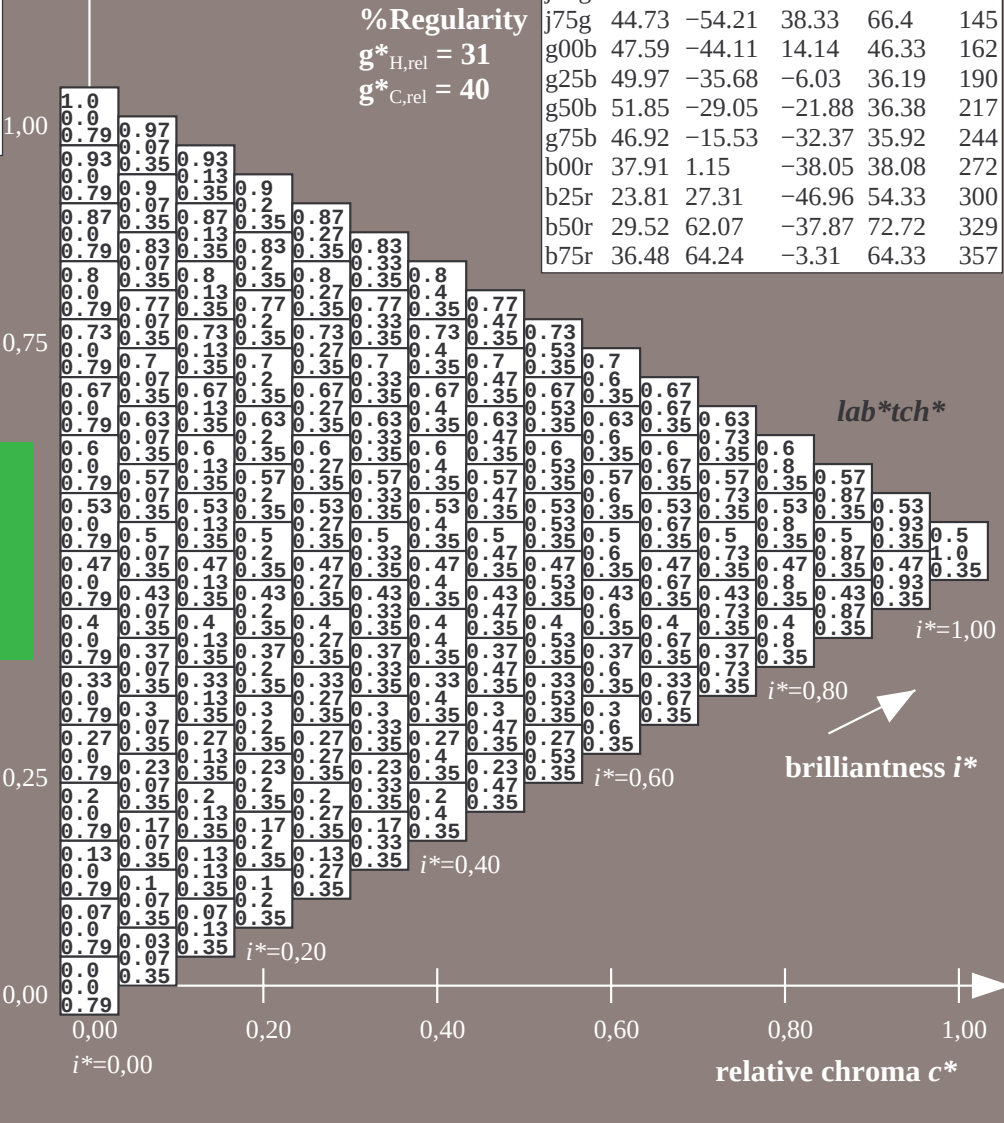
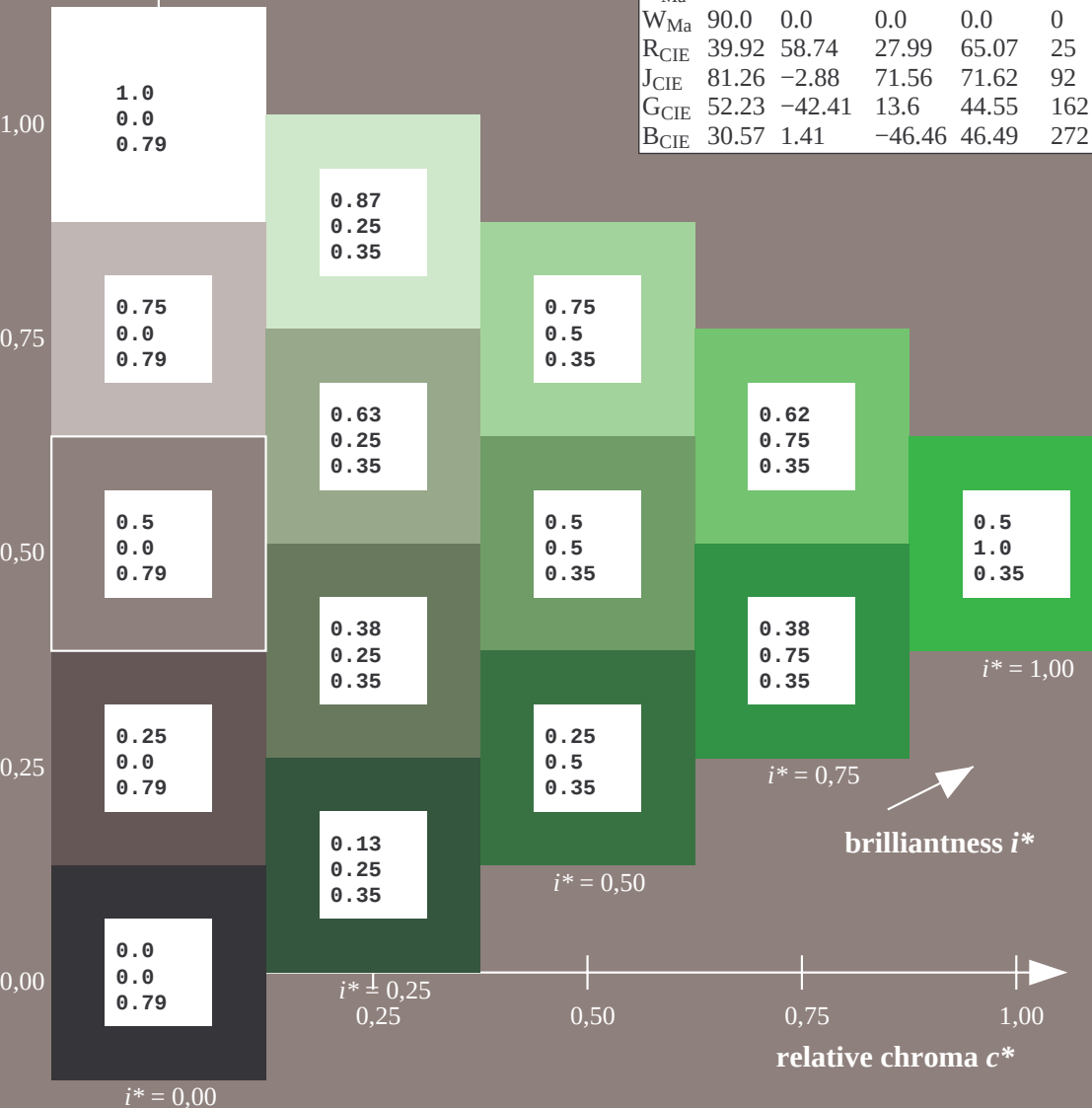
$u^*_{rel} = 88$

%Regularity

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

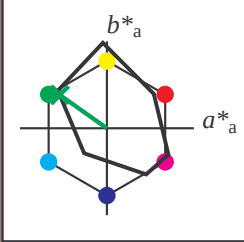
$g^*_{C,rel} = 40$

	$L^*=L^*_a$	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):

$LAB^*LAB^*Ma: 45 \ -53 \ 38$
 $LAB^*LCH^*Ma: 45 \ 66 \ 145$
 $lab^*rgb^*Ma: 0.25 \ 1.0 \ 0.0$
 $lab^*olv^*Ma: 0.0 \ 1.0 \ 0.07$

triangle lightness t^*

% Gamut

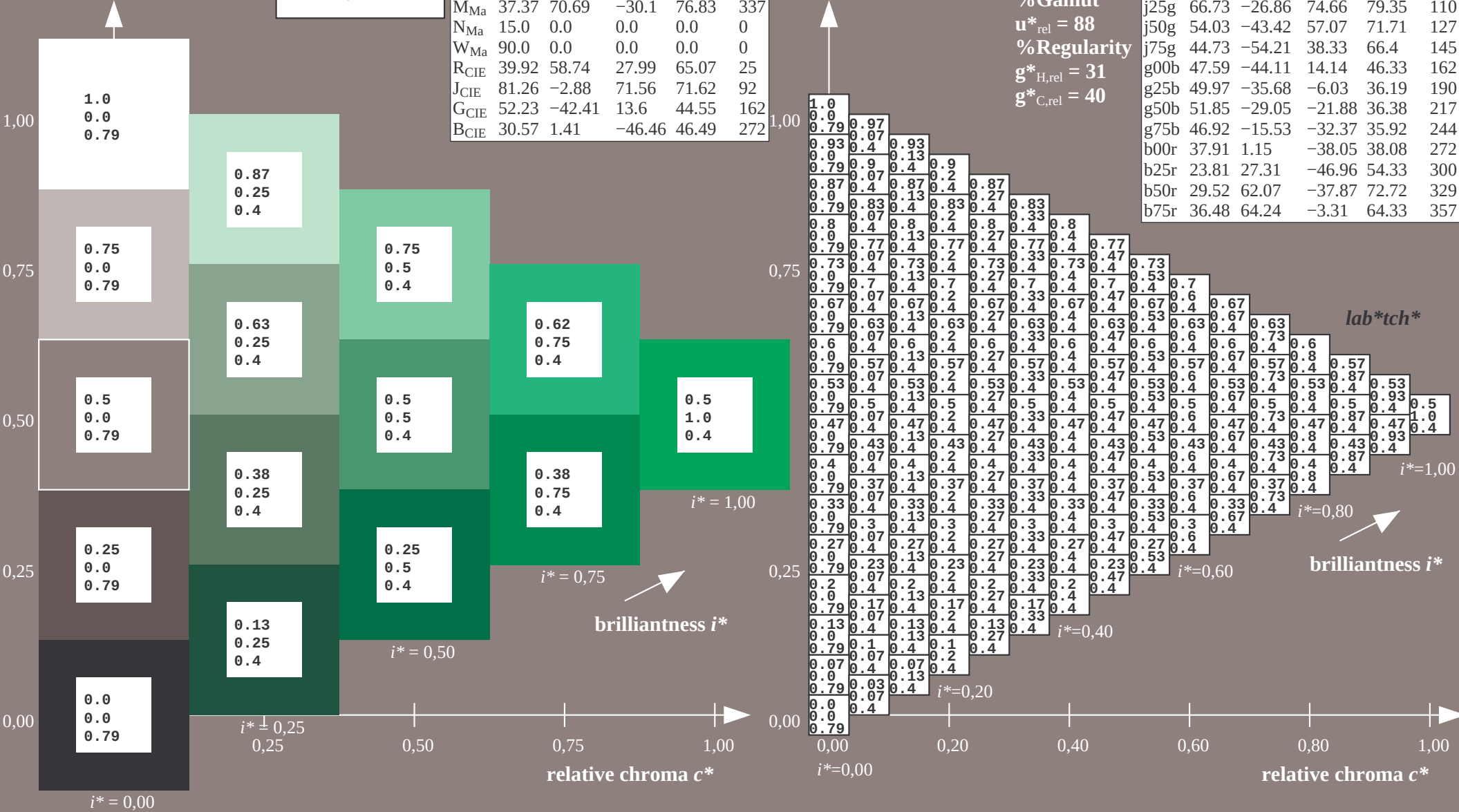
$u^*_{rel} = 88$

% Regularity

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

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

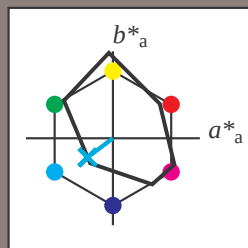
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	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



$u^* = g50b$
 lab^*tch^*

$$u^* = g50b$$

contrast reduction factor:

 $c_p = 0.9$ 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}: 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^*

88

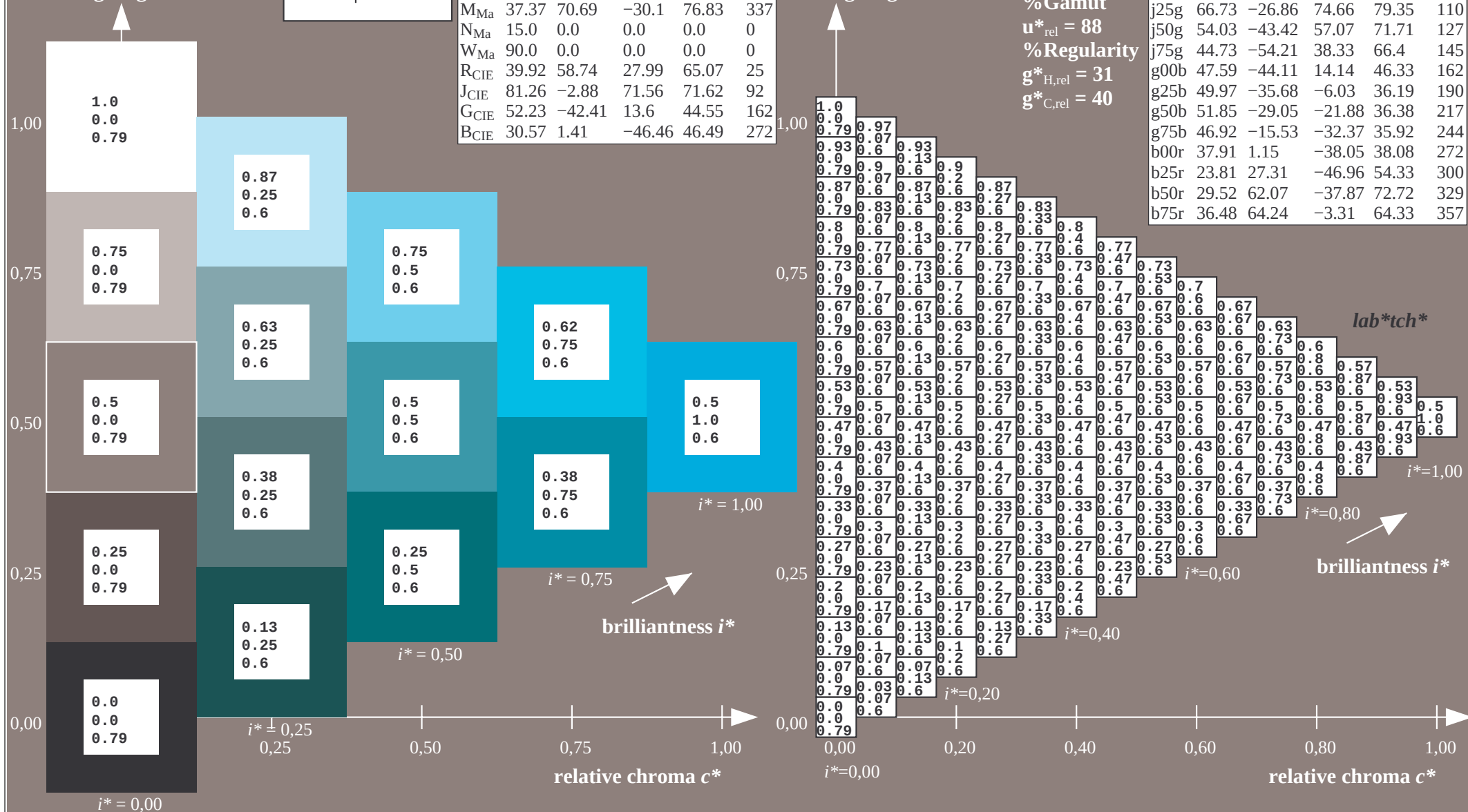
% Gamut

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

%Regularity

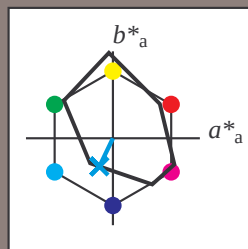
$$g^*_{H_{rel}} = 31$$
$$g^*_{C,rel} = 40$$

FRS15_90aM; adapted (a) CIELAB data					
	$L^* = \bar{L}^*_a$	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^*

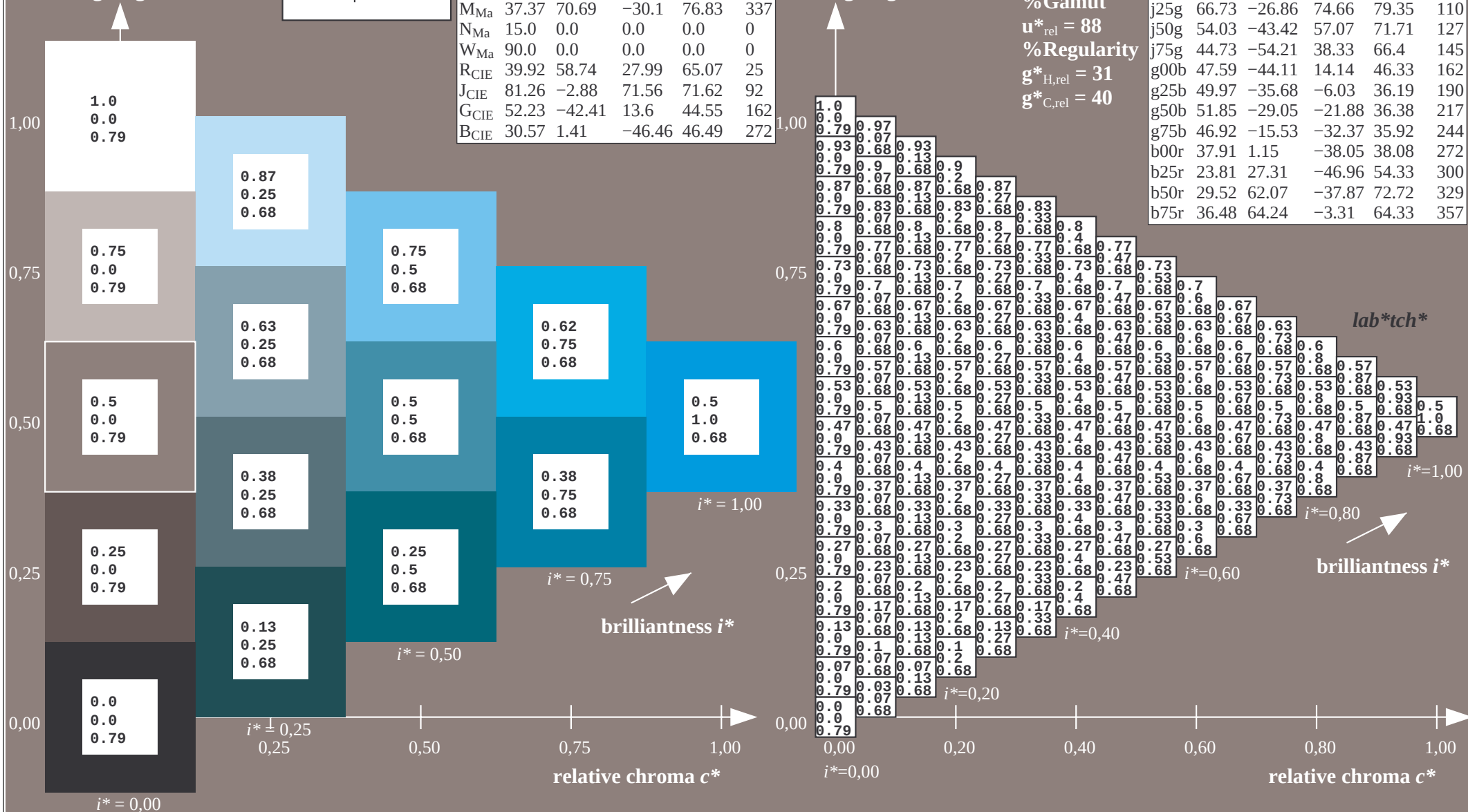


	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	337
N _{Ma}	15.0	0.0	0.0	0.0	0
W _{Ma}	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):

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

	$L^*=L^*_a$	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^*

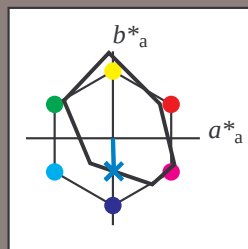
elementary hue text:

$u^* = b00r$

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

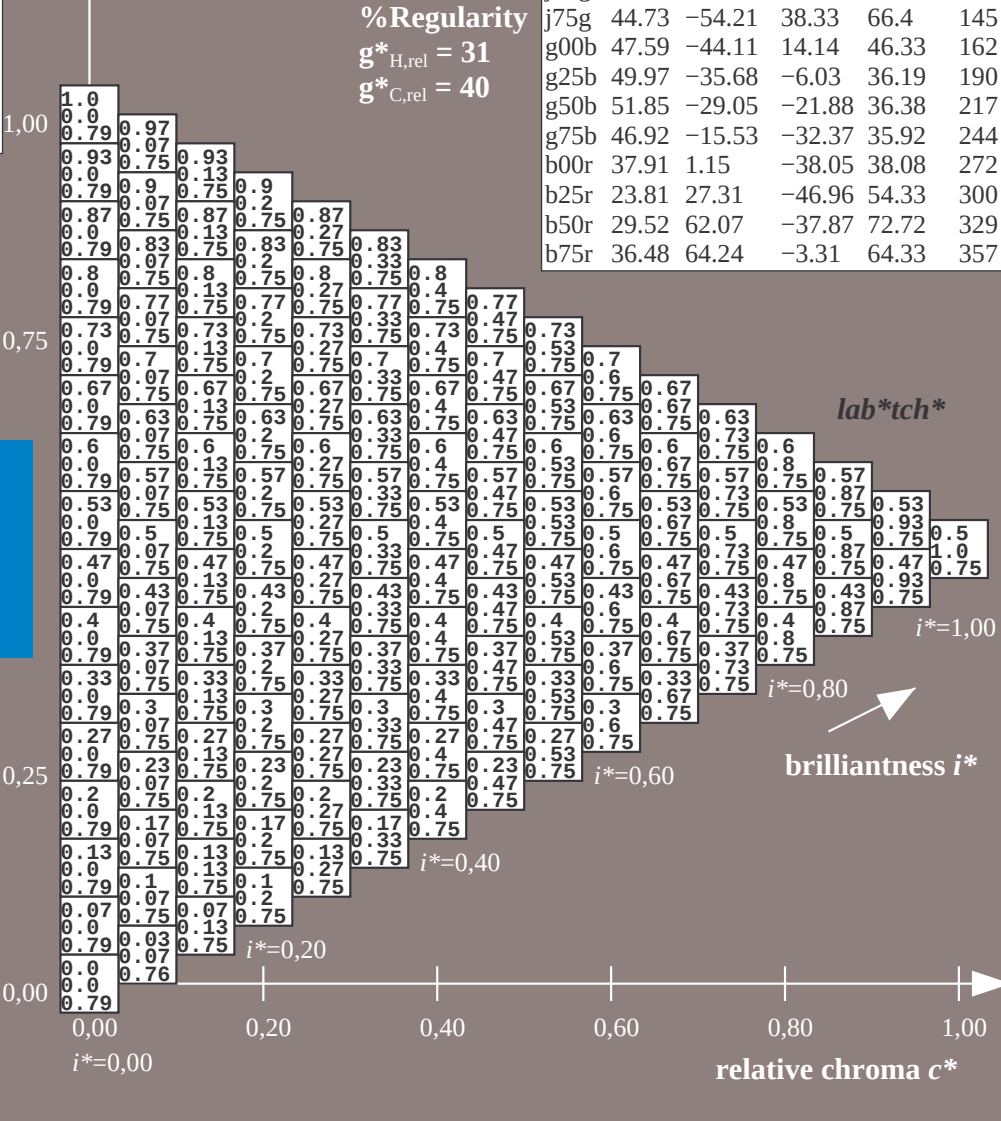
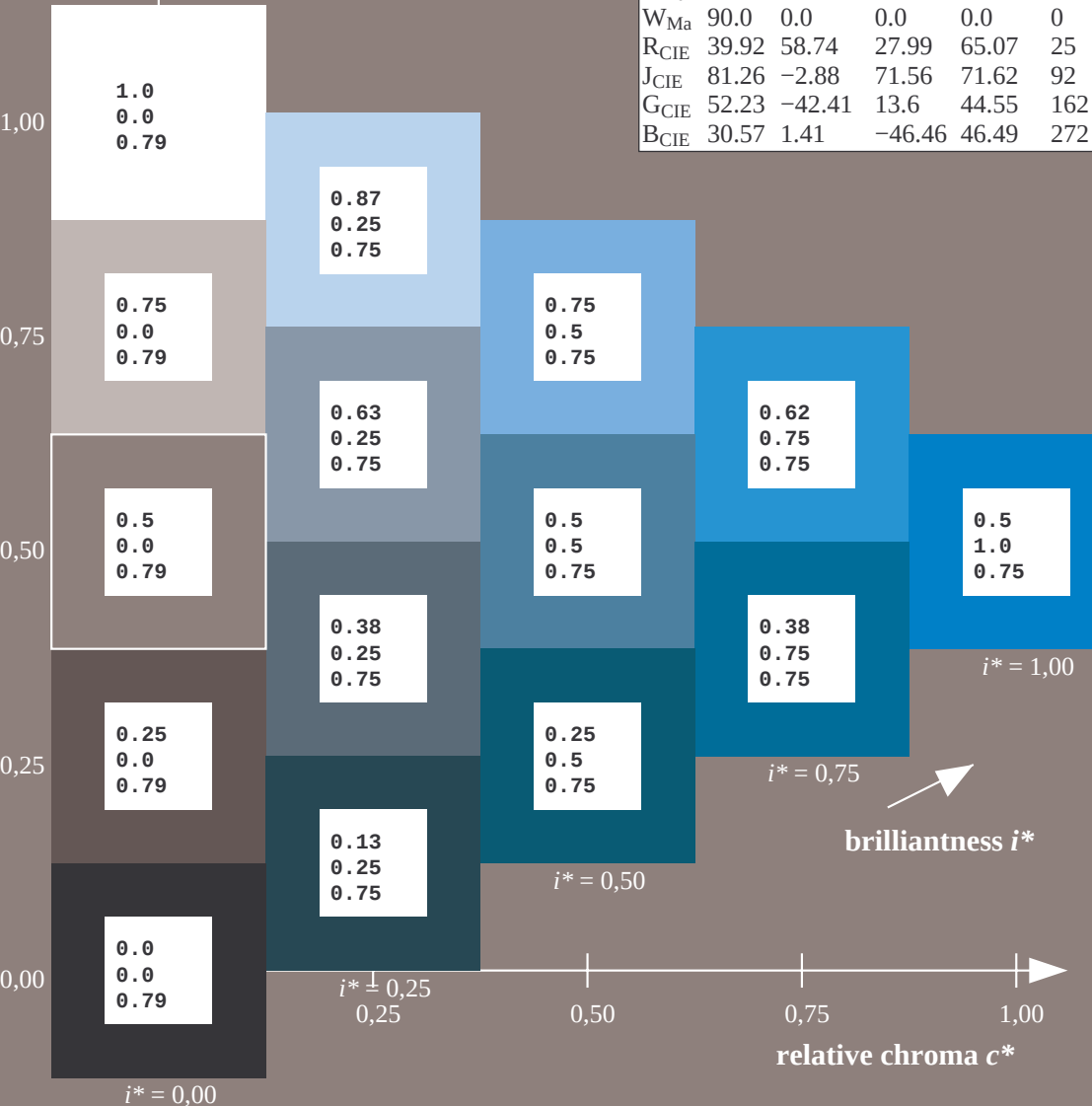
$u^*_{rel} = 88$

%Regularity

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

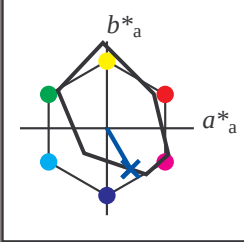
$g^*_{C,rel} = 40$

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



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

triangle lightness t^*

% Gamut

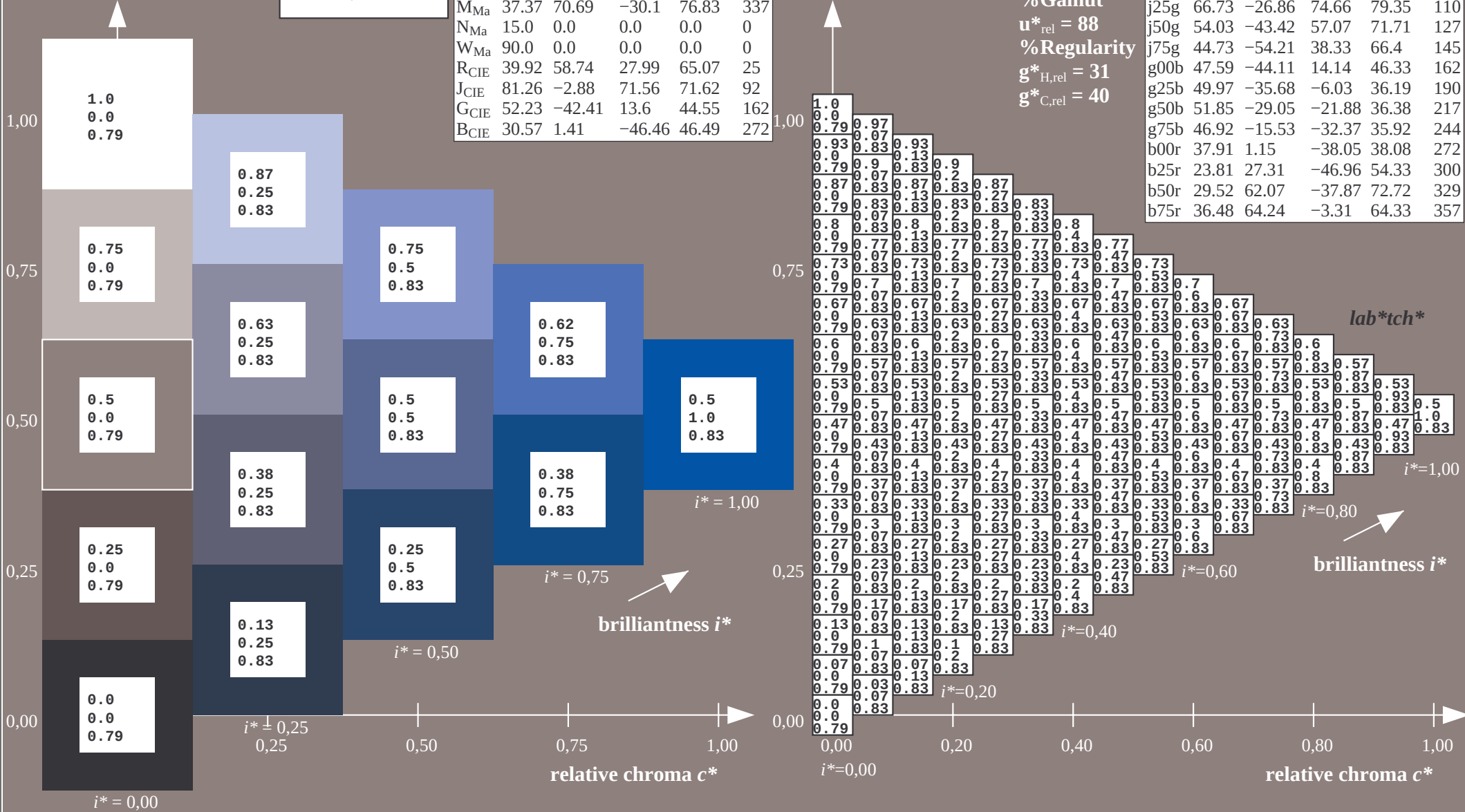
$u^*_{rel} = 88$

% Regularity

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

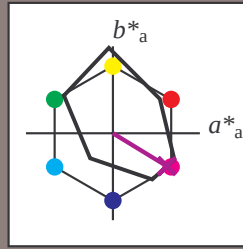
$g^*_{C,rel} = 40$

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 $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$
 data for any colour:

lab^*tch^* and lab^*icu^*
 elementary hue text:
 $u^* = b50r$
 contrast reduction factor:
 $c_R = 0.9$
 triangle lightness t^*



	$L^*=L^*_a$	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):

$LAB^*LAB^*_{Ma}$: 30 62 -37
 $LAB^*LCH^*_{Ma}$: 30 73 329
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.66 0.0 1.0

triangle lightness t^*

%Gamut

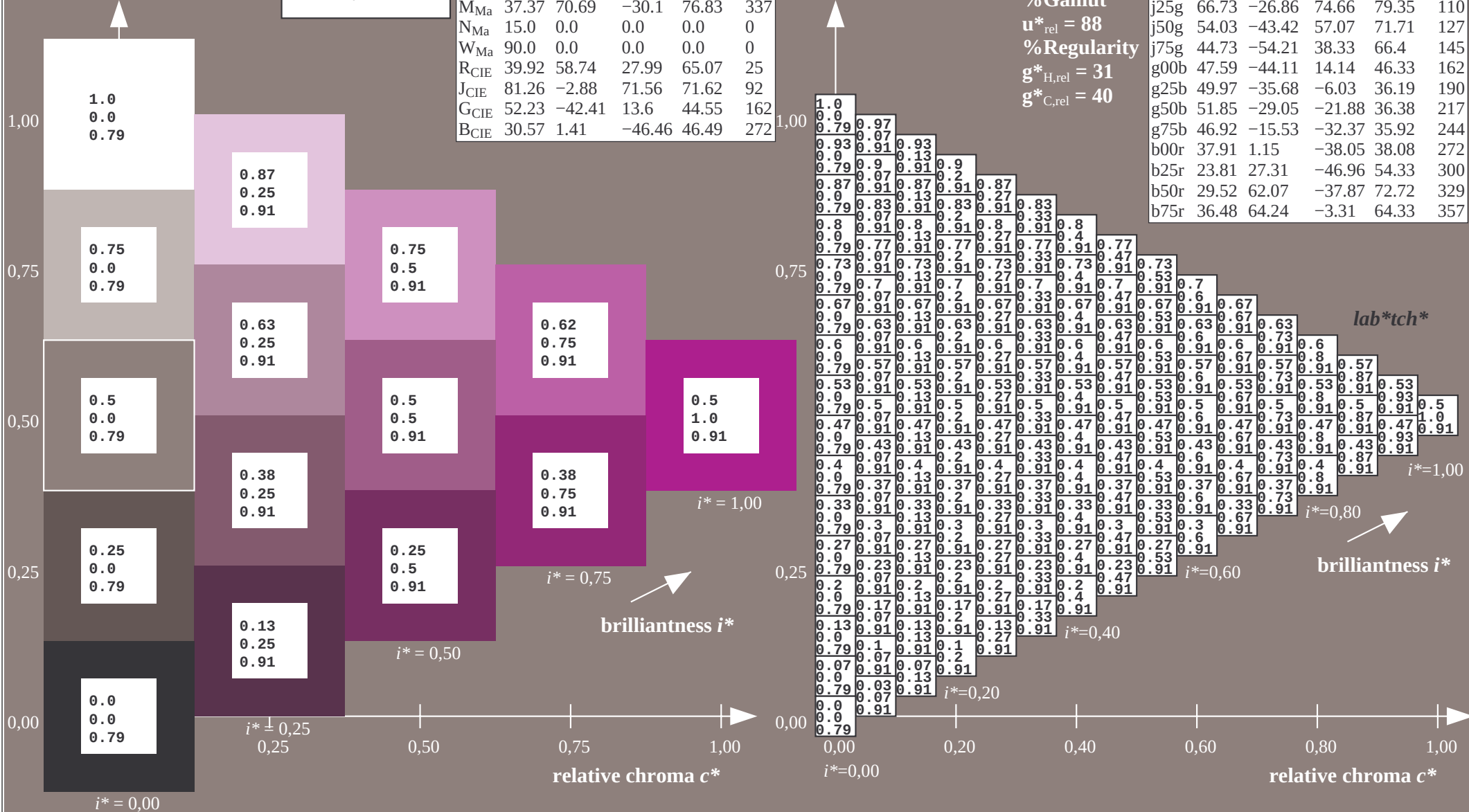
$u^*_{rel} = 88$

%Regularity

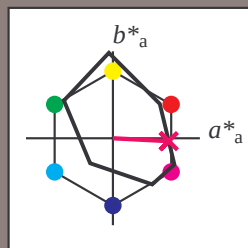
$g^*_{H,rel} = 31$

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

	$L^*=L^*_a$	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



$u^* = b75r$
 lab^*tch^*

$$u^* = b75r$$
$$c_D = 0.9$$
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

LAB*LAB*Ma: 36 64 -2

LAB*LCH*Ma: 36 64 357

lab*rgb*Ma: 1.0 0.0 0.5

lab*oly*Ma: 1.0 0.0 0.62

triangle lightness t^*

33

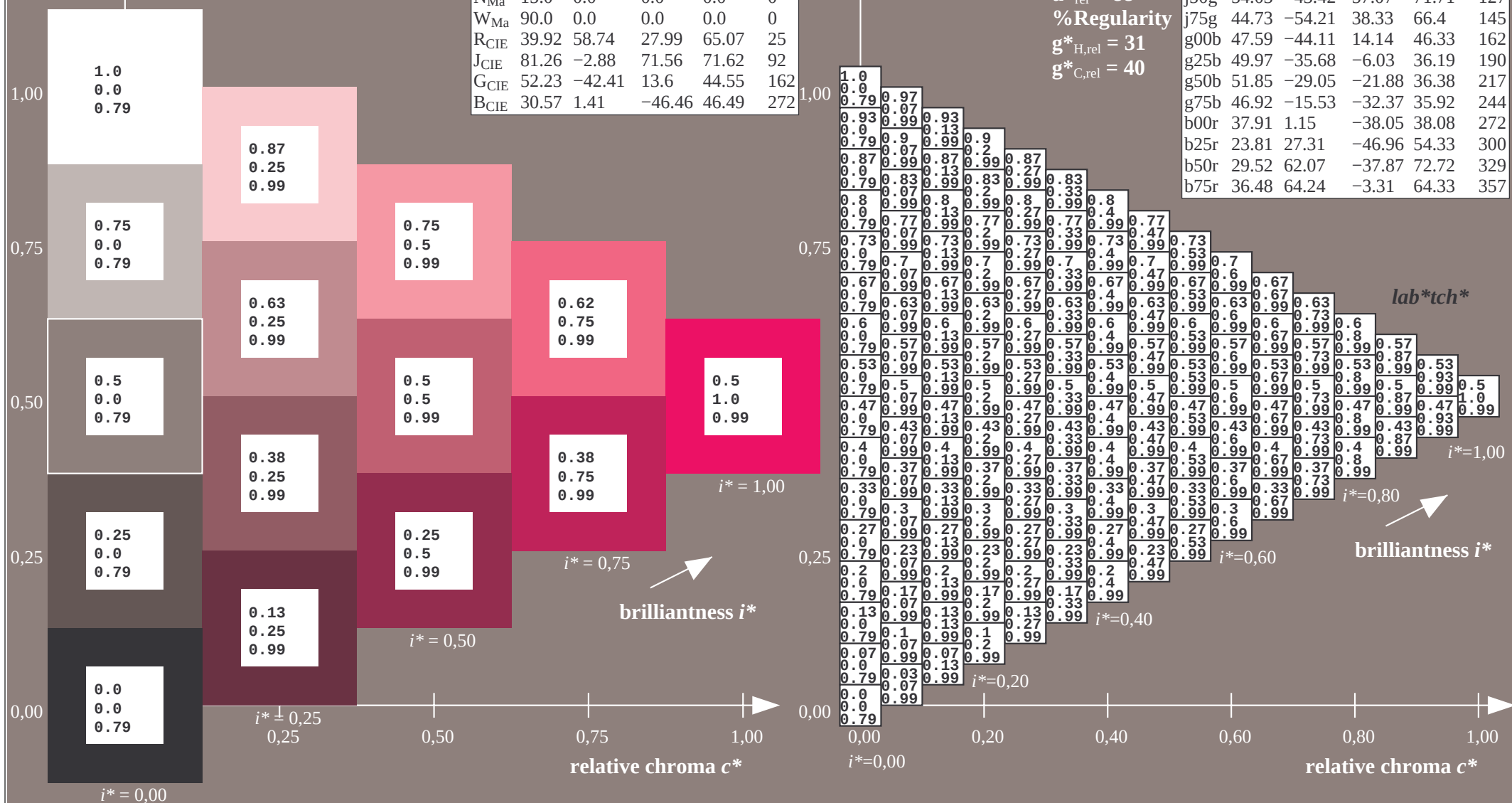
% Gamut

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

%Regularity

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

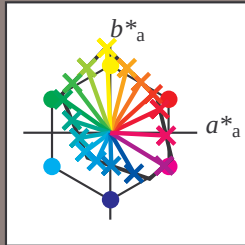
FRS15_90aM; adapted (a) CIELAB data					
	$L^* = \bar{L}^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-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		
	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		
	0.79	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.26	0.31	0.34	0.35	0.36	0.37	0.37	0.37	0.1	0.2	0.26	0.29	0.31	0.33	0.34	0.35	0.35	0.79	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.79	0.79	0.79	0.79	
02	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	0.87	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.13	0.13	0.13		
	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		
	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	
03	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		
	0.25	0.25	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.25	0.13	0.13	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		
	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	0.1	0.79	0.79	0.79	0.79	
04	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		
	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		
	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	0.42	0.41	0.63	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	
05	0.25	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.25	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	0.5	0.5	0.5	0.5	0.5		
	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	0.5	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			
	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	0.47	0.45	0.44	0.63	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	
06	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	
	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	0.37	0.0	0.0	0.0	0.0		
	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	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.79	0.1	0.1	0.1	0.79	0.79	0.79	0.79
07	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	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.62	0.72	0.66	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.75	0.75	0.75	0.75	
	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	0.75	0.87	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	0.0	
	0.86	0.85	0.82	0.79	0.74	0.68	0.63	0.59	0.55	0.88	0.86	0.84	0.81	0.76	0.7	0.63	0.58	0.54	0.89	0.88	0.86	0.83	0.79	0.71	0.63	0.57	0.52	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.79	0.1	0.1	0.79	0.79	0.79	0.79
08	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.44	0.5	0.56	0.44	0.5	0.56	0.56	0.56	0.56	0.62	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.88	0.88	0.88	0.88		
	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	1.0	0.87	0.75	0.75	0.75	0.75	0.75	0.75	0.87	0.87	0.87	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.12	0.0	0.0	0.0	0.0		
	0.86	0.85	0.83	0.8	0.77	0.72	0.68	0.63	0.59	0.87	0.86	0.85	0.82	0.79	0.74	0.68	0.63	0.59	0.88	0.88	0.86	0.84	0.81	0.76	0.7	0.63	0.58	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.79	0.1	0.79	0.79	0.79	0.79	0.79	
09	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.5	0.56	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	1.0	1.0	1.0	1.0			
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	1.0	0.87	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	0.0	0.0	0.0			
	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	0.79	0.79	0.79	0.79	0.79	0.79	
10	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.25	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.31	0.31	0.31	0.31	0.31	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		
	0.37	0.37	0.37	0.37	0.5	0.62	0.75	0.87	1.0	0.5	0.5	0.5	0.5	0.5	0.62	0.75	0.87	1.0	0.62	0.62	0.62	0.62	0.62	0.62	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	
	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	0.79	0.79	0.79	0.79	
11	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	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.07	0.07	0.07	0.07		
	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	0.63	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	
	0.04	0.1	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	0.79	0.79	0.79	0.79	
12	0.19	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</																									

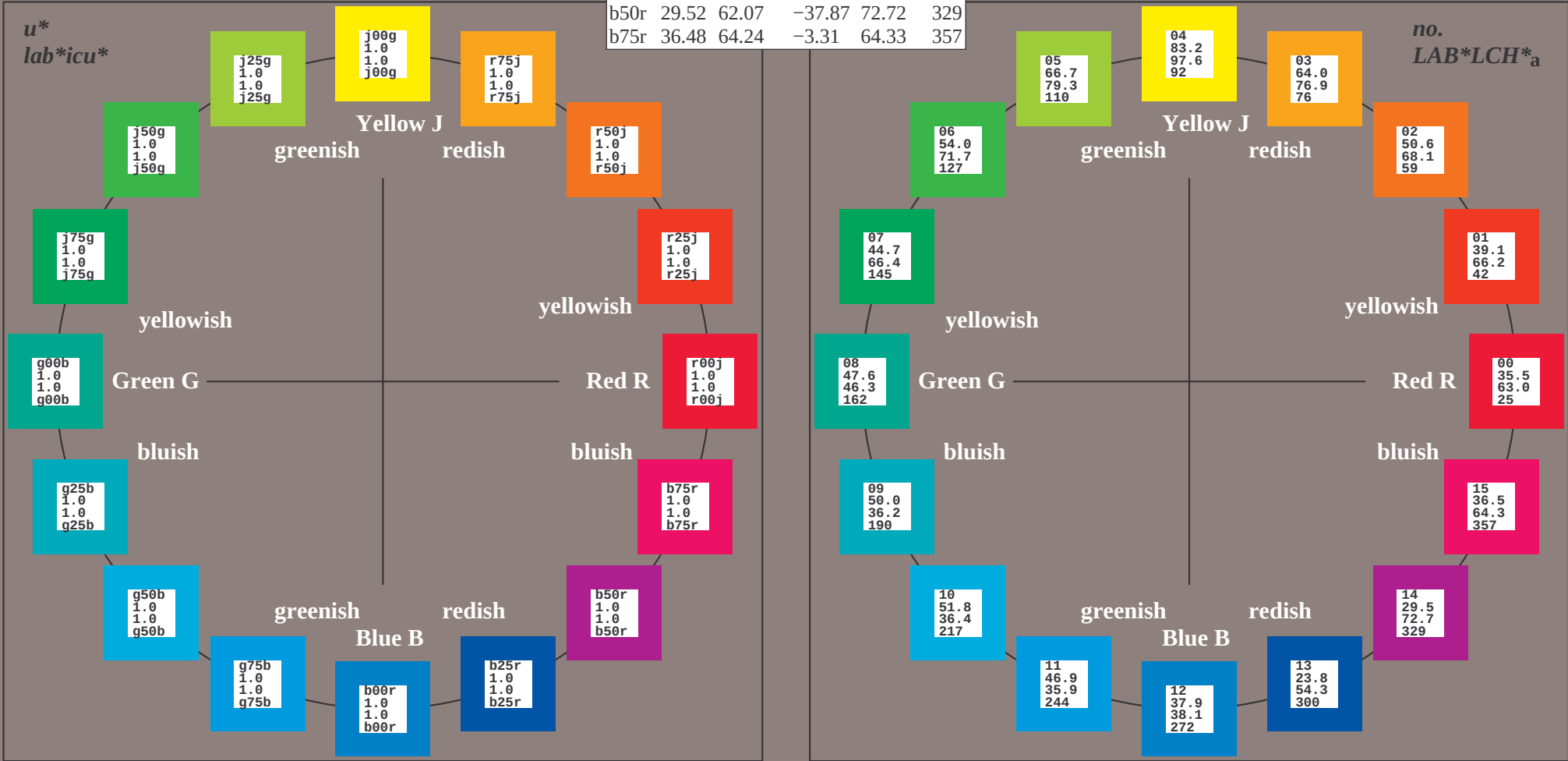
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
 $lab^{*}tch^{*}$ and $lab^{*}icu^{*}$
elementary hue text:
 $u^{*} = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.9$

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



$$u^* = r00j$$

*lab*icu**

a) CIELAB da

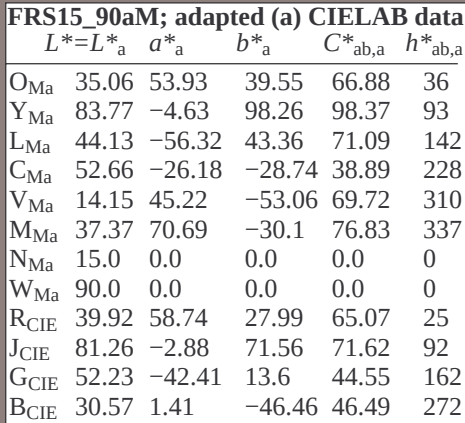
$$C^*_{ab,a} \quad h^*_a$$

2	63.05	25
5	66.10	45

5	66.19	4.
3	68.13	50

5	66.13	35
5	76.87	70

6	97.64	97.64
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FRS15_90aM; adapted (a) CIELAB data

r00j	35.47	56.92	27.12	63.05	25
r25i	39.13	49.04	44.45	66.10	42

r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59

r50j	30.04	33.15	30.33	66.13	39
r75j	64.01	19.11	74.45	76.87	76

j00g	83.18	-3.93	97.56	97.64	92
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j25g	66.73	-26.86	74.66	79.35	110
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j50g	54.03	-43.42	57.07	71.71	127
j75g	44.73	-54.31	39.33	66.4	145

j75g	44.73	-54.21	38.33	66.4	145
g00h	47.59	-44.11	14.14	46.33	162

g00b	47.99	-44.11	14.14	48.99	102
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
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b00r	37.91	1.15	-38.05	38.08	272
b25r	33.81	27.31	46.06	54.23	200

b25f	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
------	-------	-------	-------	-------	-----

9

0.53	1.0
------	-----

0.6	1.0	
0.93	0.67	
53		

[illegible]

0.87	r00j	0.93	r00j	1.0	
0.53		0.67		0.8	
0.87	r00j	0.93	r00j	1.0	

0.8	0.6	0.87	0.73	0.93	0.87	1.0
0.8	0.6	0.87	0.73	0.93	0.87	1.0

0.53	0.67	0.8	0.93	1.0
0.00j	0.8	0.87	0.93	1.0

0.73	0.6	0.8	0.73	0.87	0.93	1.0
53	r00j	67	r00j	r00j	r00j	r00j

0.73	0.8	0.87	
0.6	0.73	0.87	

0.67	r00j	0.73	r00j	0.8	r00j	$i^*=1,00$
0.53	r00j	0.67	r00j	0.8	r00j	
0.00	0.67	r00j	0.73	r00j		

0.6	0.6	0.67	0.73	0.80
0.6	0.6	0.67	0.73	0.80

0.53	0.6	0.67	$r=0,60$
0.00j	0.6	0.00j	
	0.6		

0.53
0.53

00j $i^*=0,60$ **brilliantness i^***

0,60 0,80 1,00

relative chroma c^*

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^*

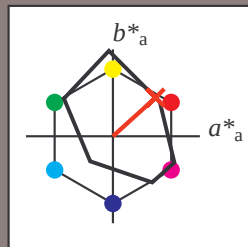
elementary hue text:

$u^* = r25j$

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

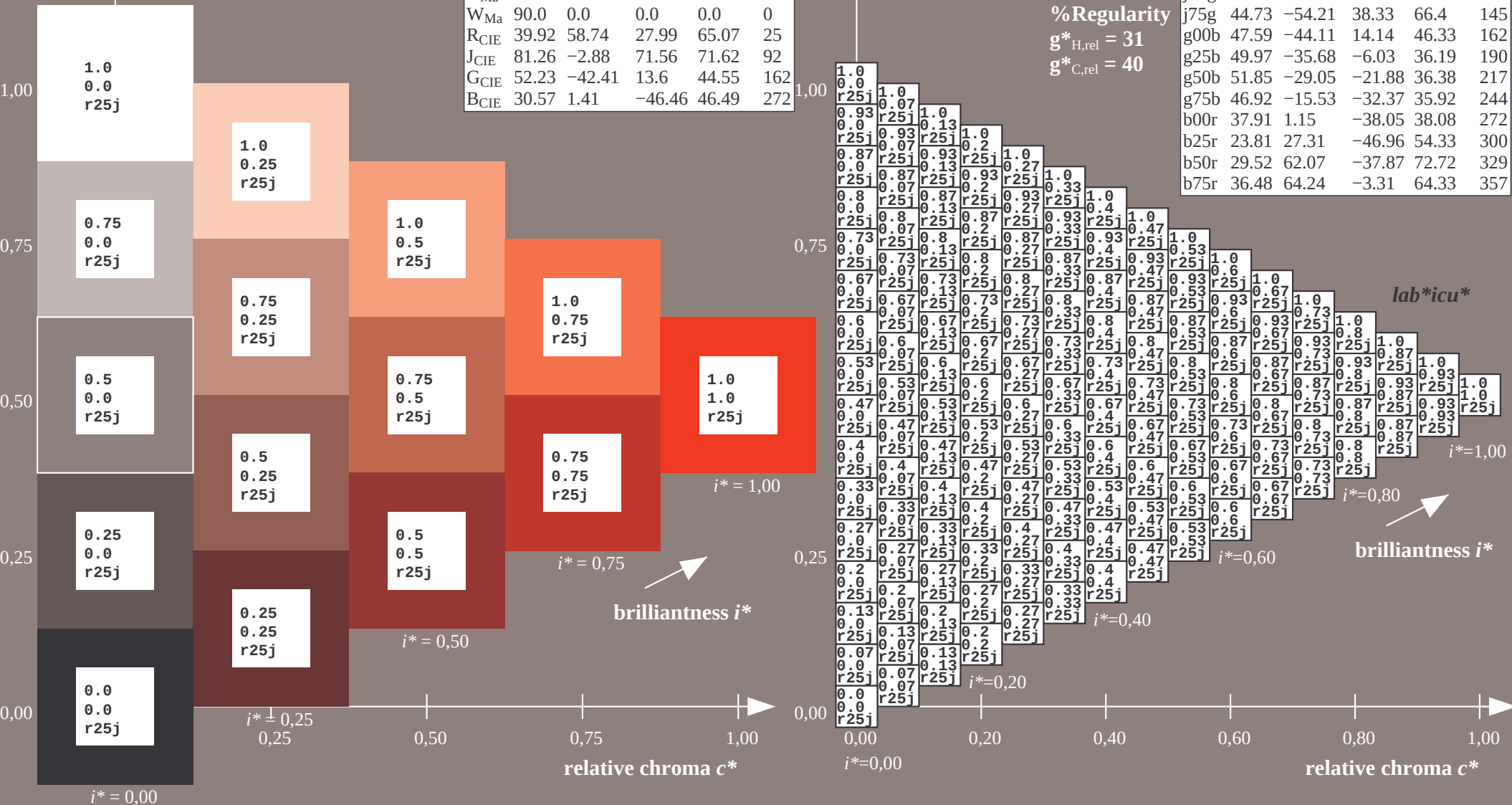
$u^*_{rel} = 88$

%Regularity

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

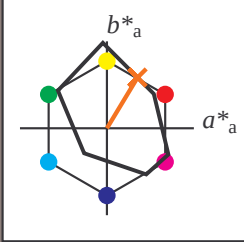
$g^*_{C,rel} = 40$

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

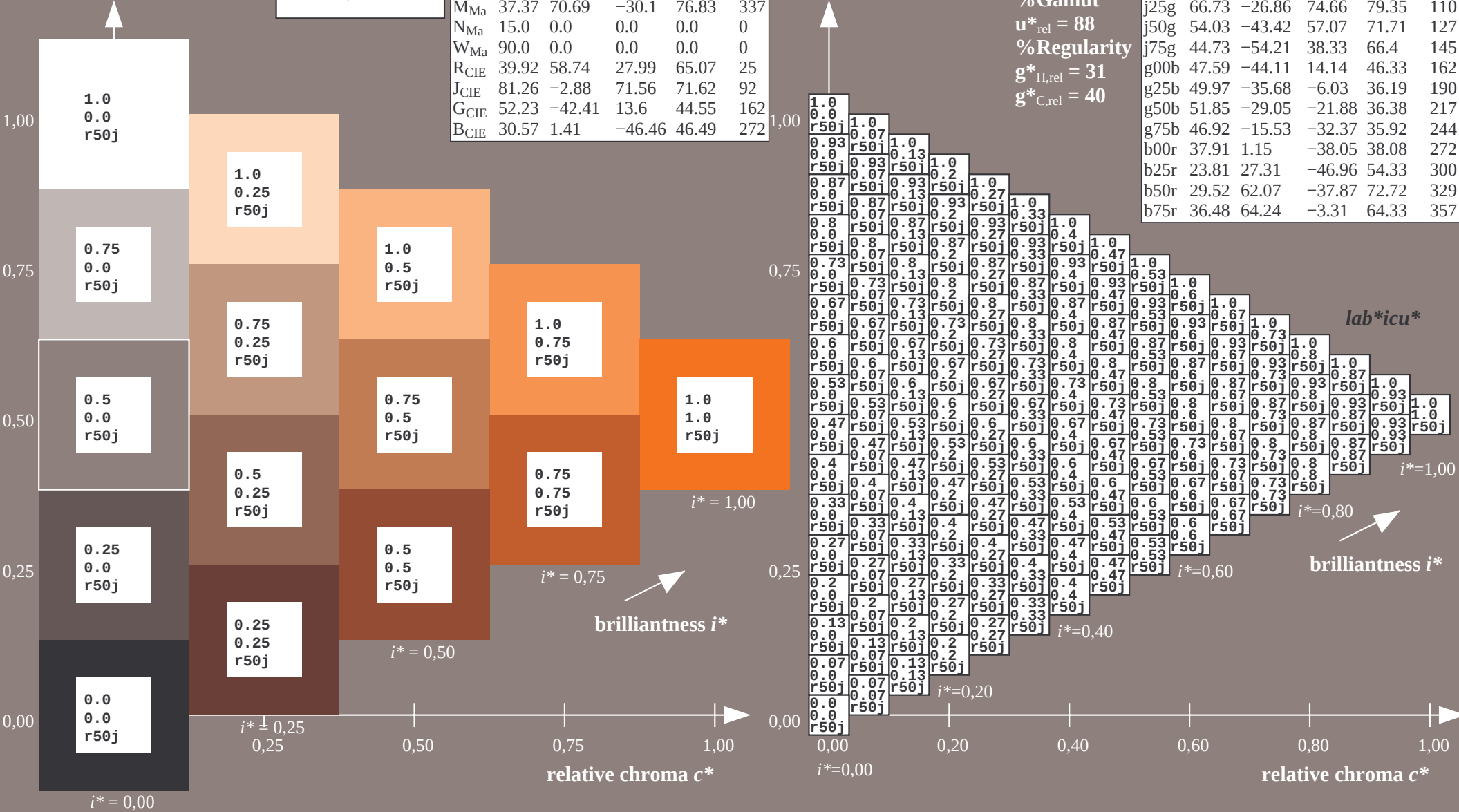
$u^*_{rel} = 88$

%Regularity

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

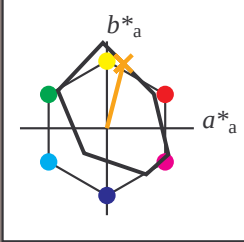
$g^*_{C,rel} = 40$

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

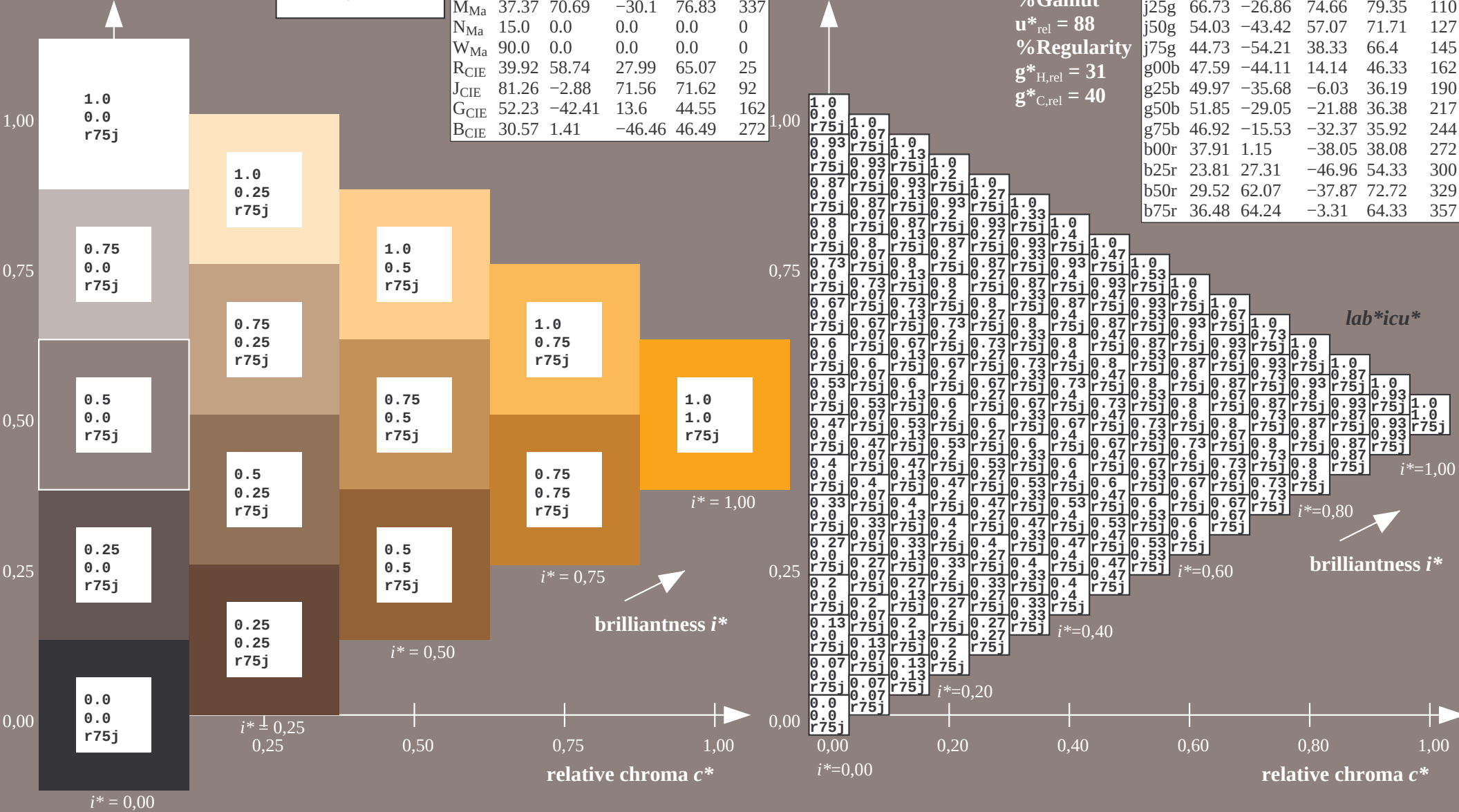
$u^*_{rel} = 88$

%Regularity

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

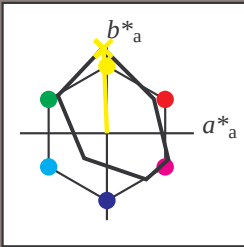
$g^*_{C,rel} = 40$

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

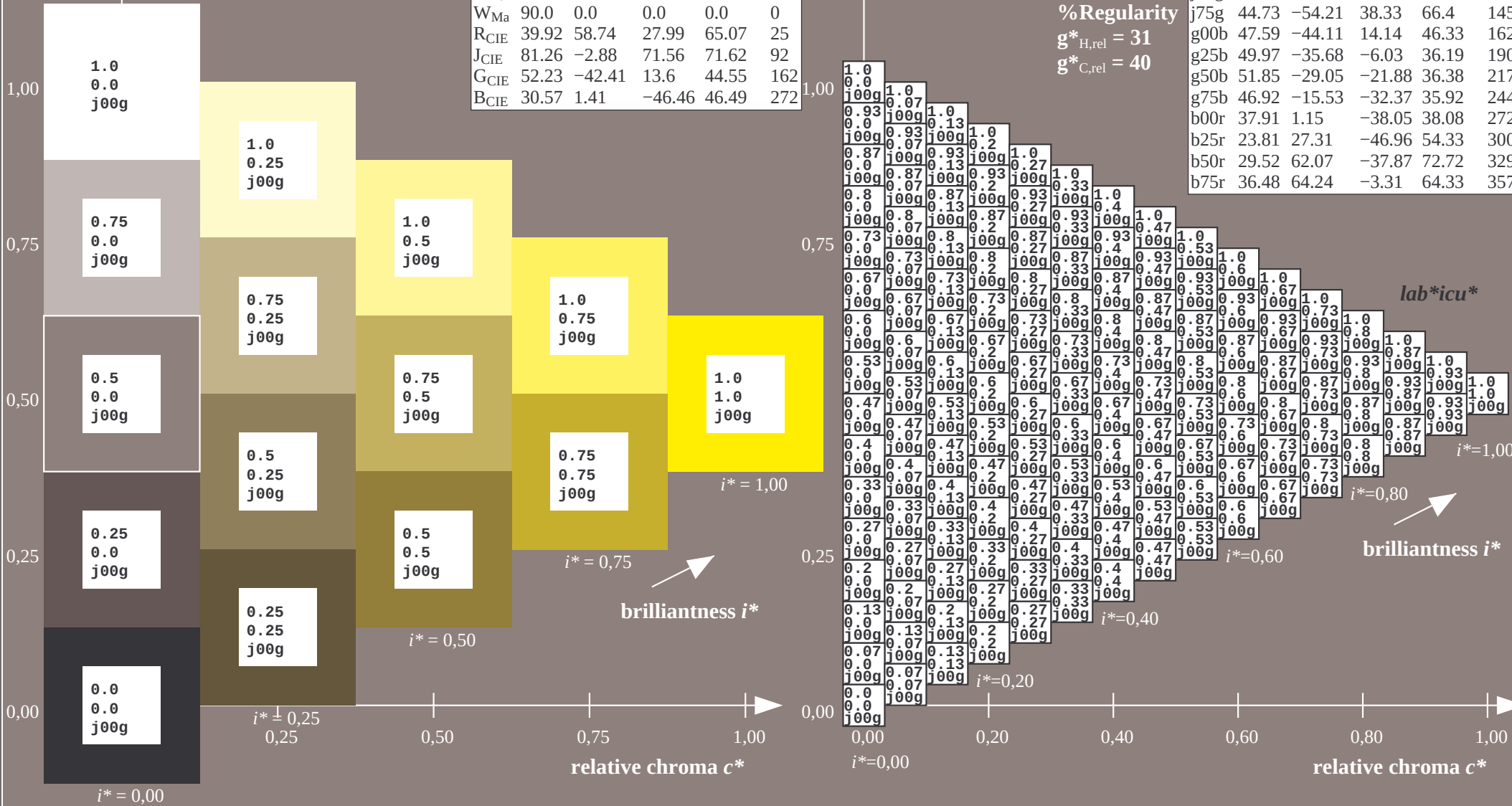
$u^*_{rel} = 88$

%Regularity

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

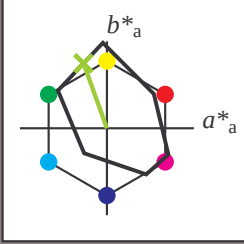
$g^*_{C,rel} = 40$

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

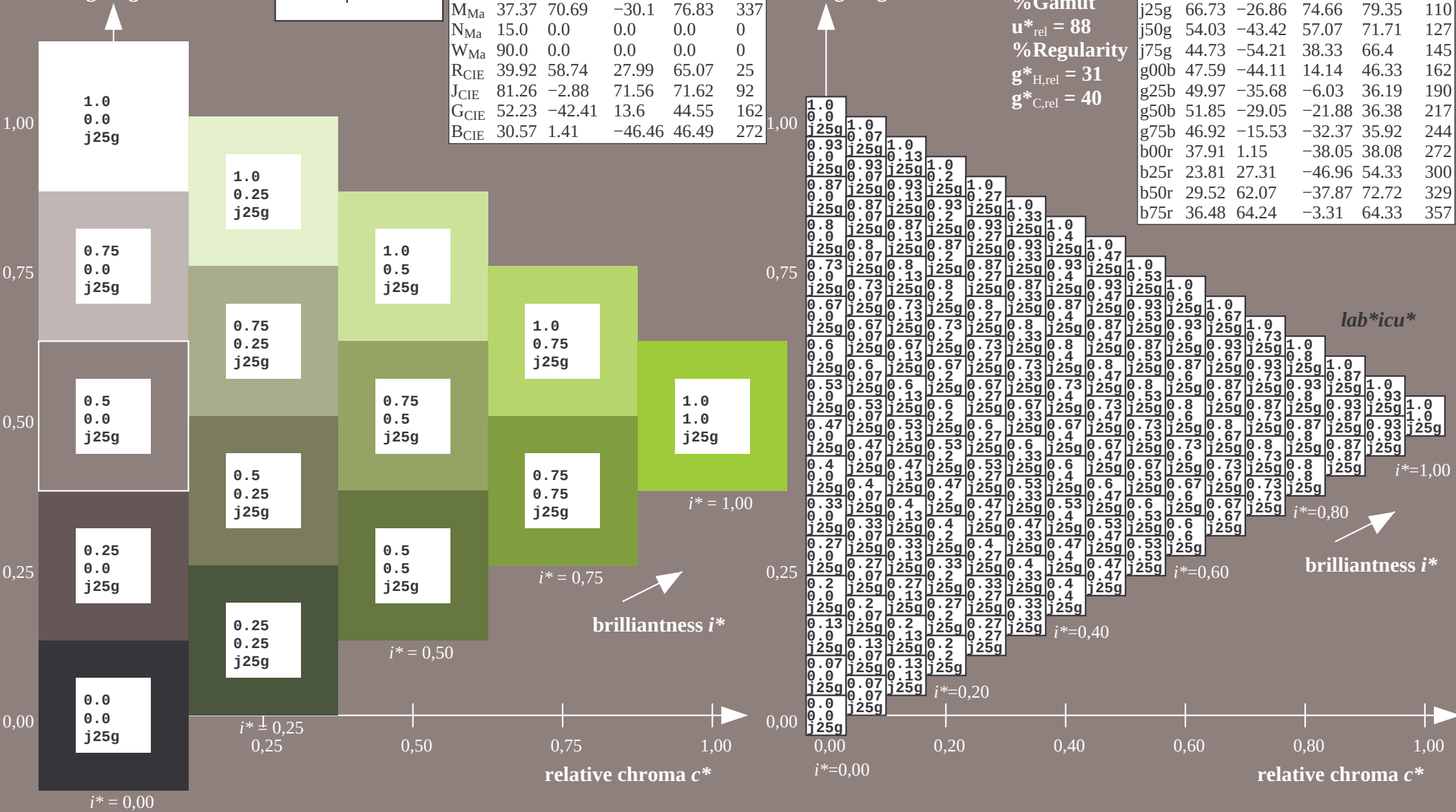
$u^*_{rel} = 88$

%Regularity

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

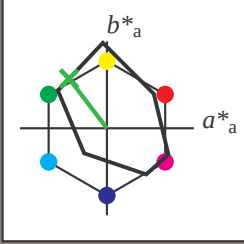
$g^*_{C,rel} = 40$

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

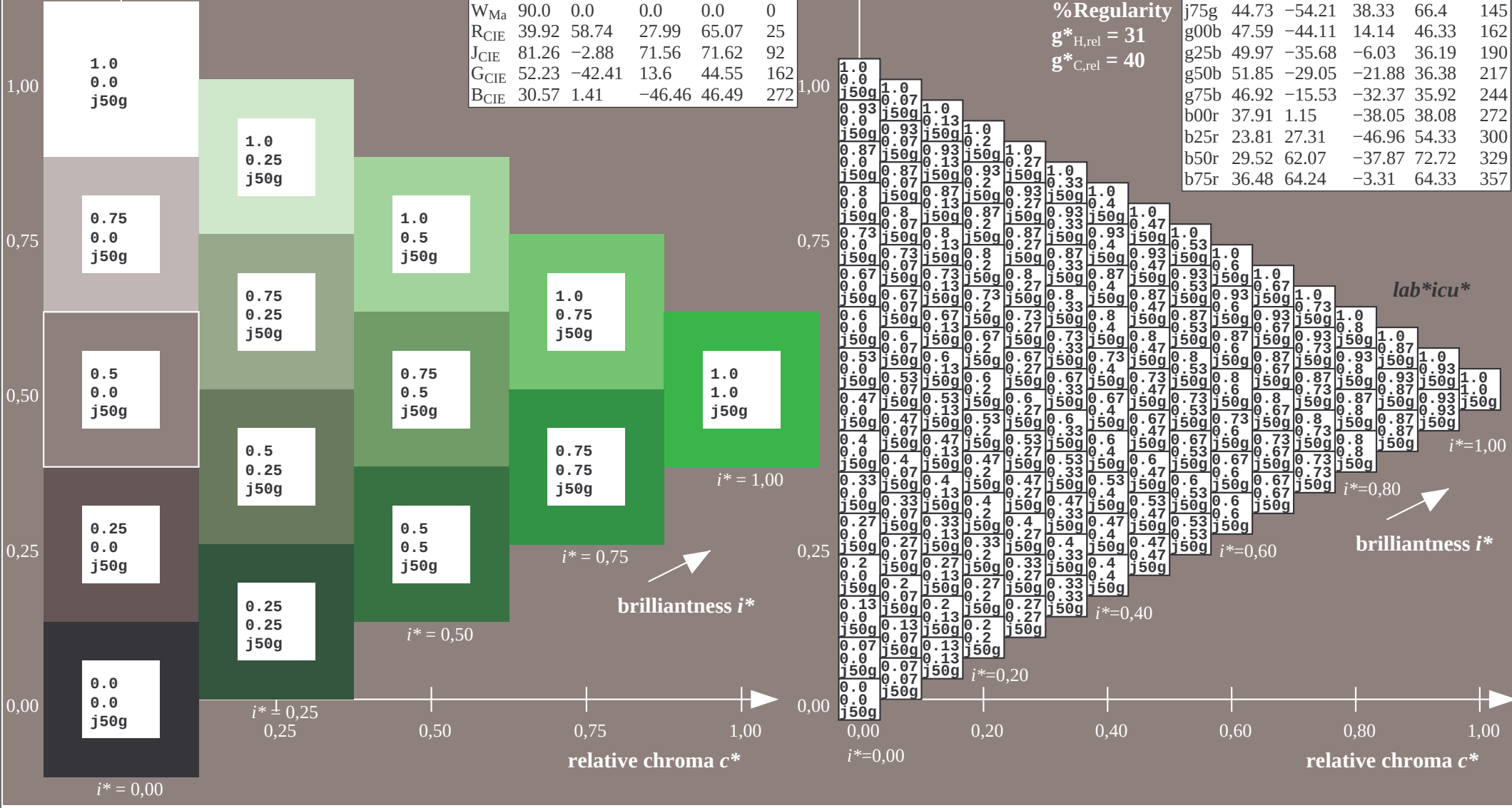
$u^*_{rel} = 88$

%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



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:

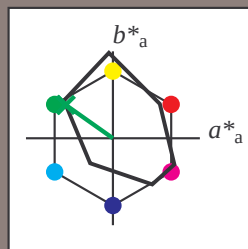
lab^*tch^* and lab^*icu^*
 elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



	$L^*=L_a^*$	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

triangle lightness t^*

%Gamut

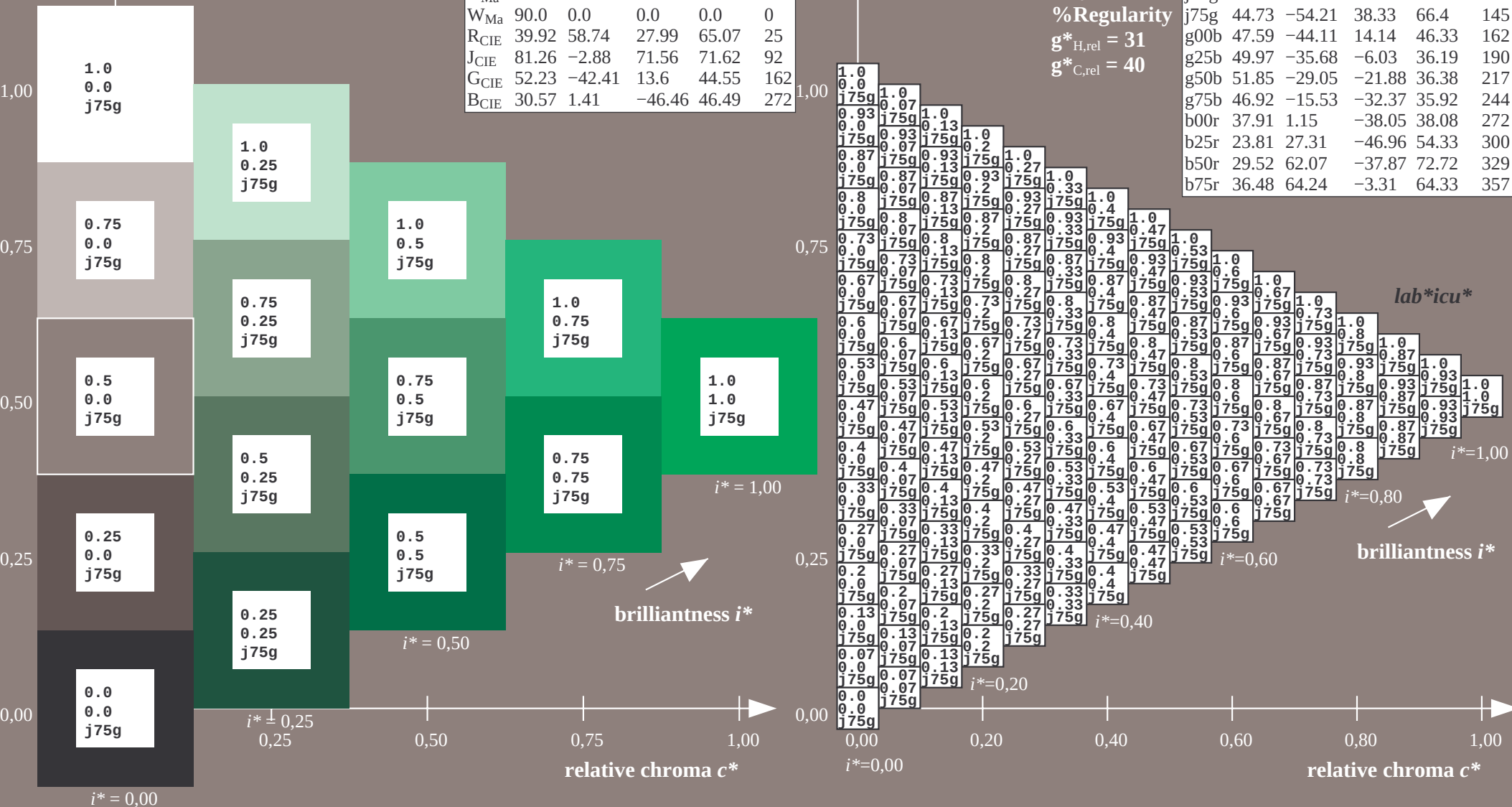
$u^*_{rel} = 88$

%Regularity

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

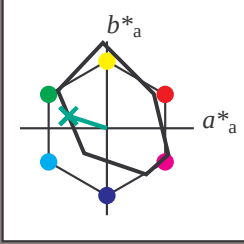
$g^*_{C,rel} = 40$

	$L^*=L_a^*$	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



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

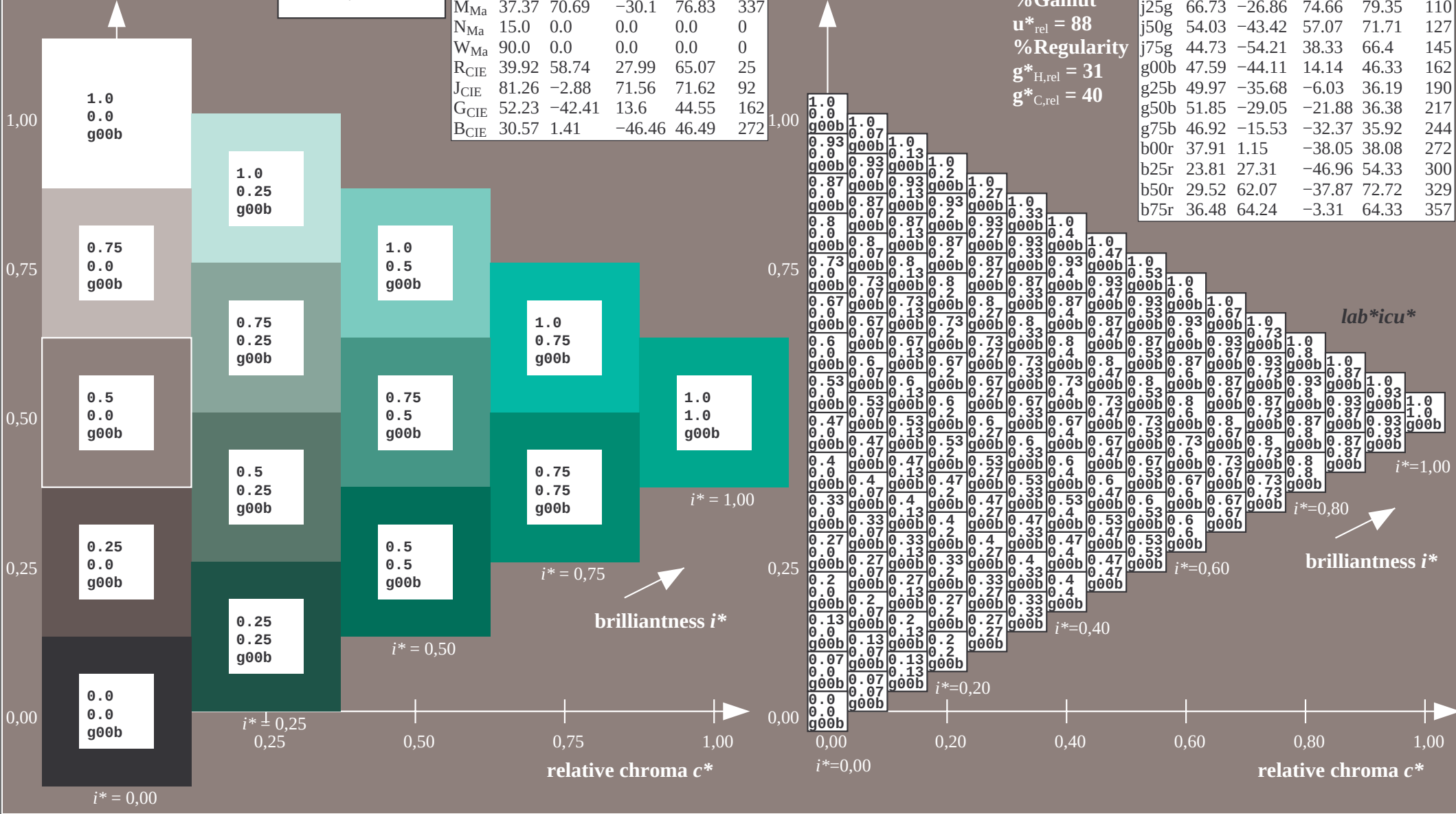
$u^*_{rel} = 88$

%Regularity

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

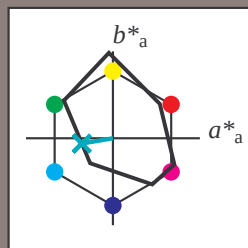
$g^*_{C,rel} = 40$

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



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^*



	$L^*=L_a^*$	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

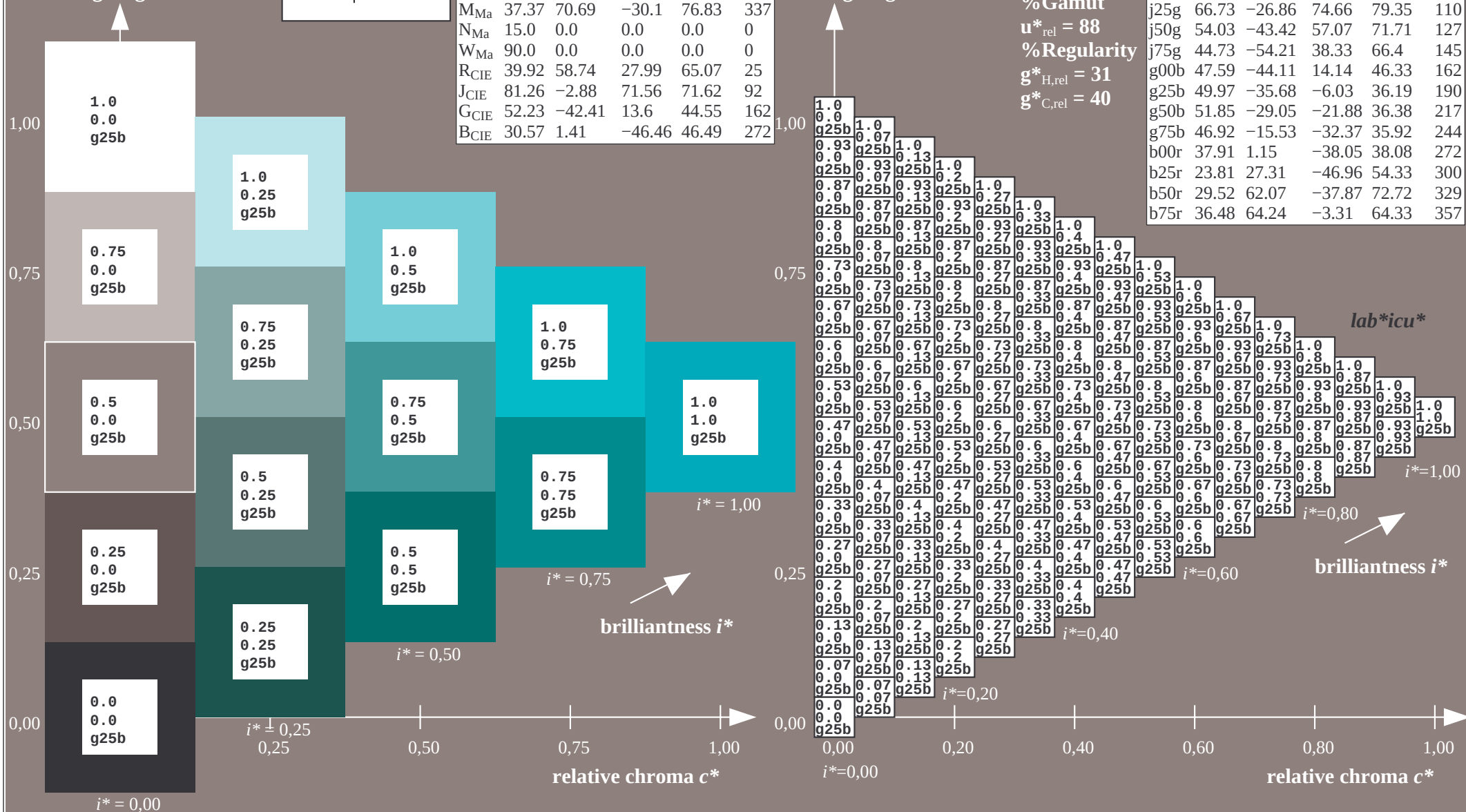
$u^*_{rel} = 88$

%Regularity

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

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

	$L^*=L_a^*$	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^*

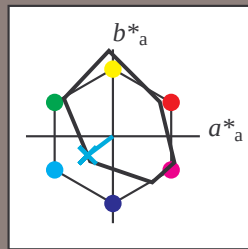
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90aM; 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 : 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

$u^*_{rel} = 88$

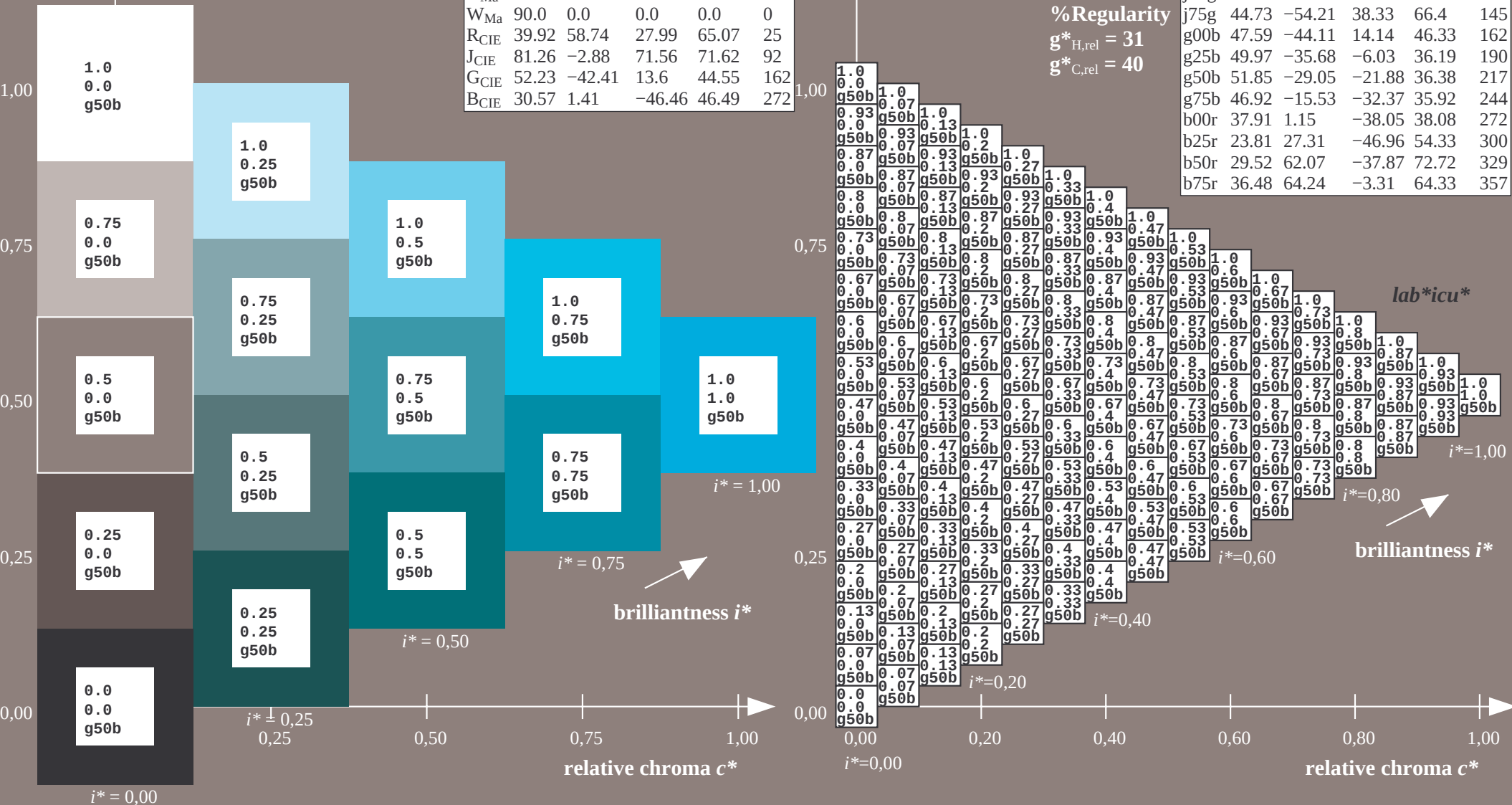
%Regularity

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

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

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^*ich^* and lab^*icu^*

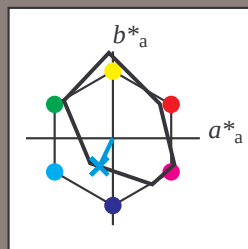
elementary hue text:

$u^* = g75b$

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):

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

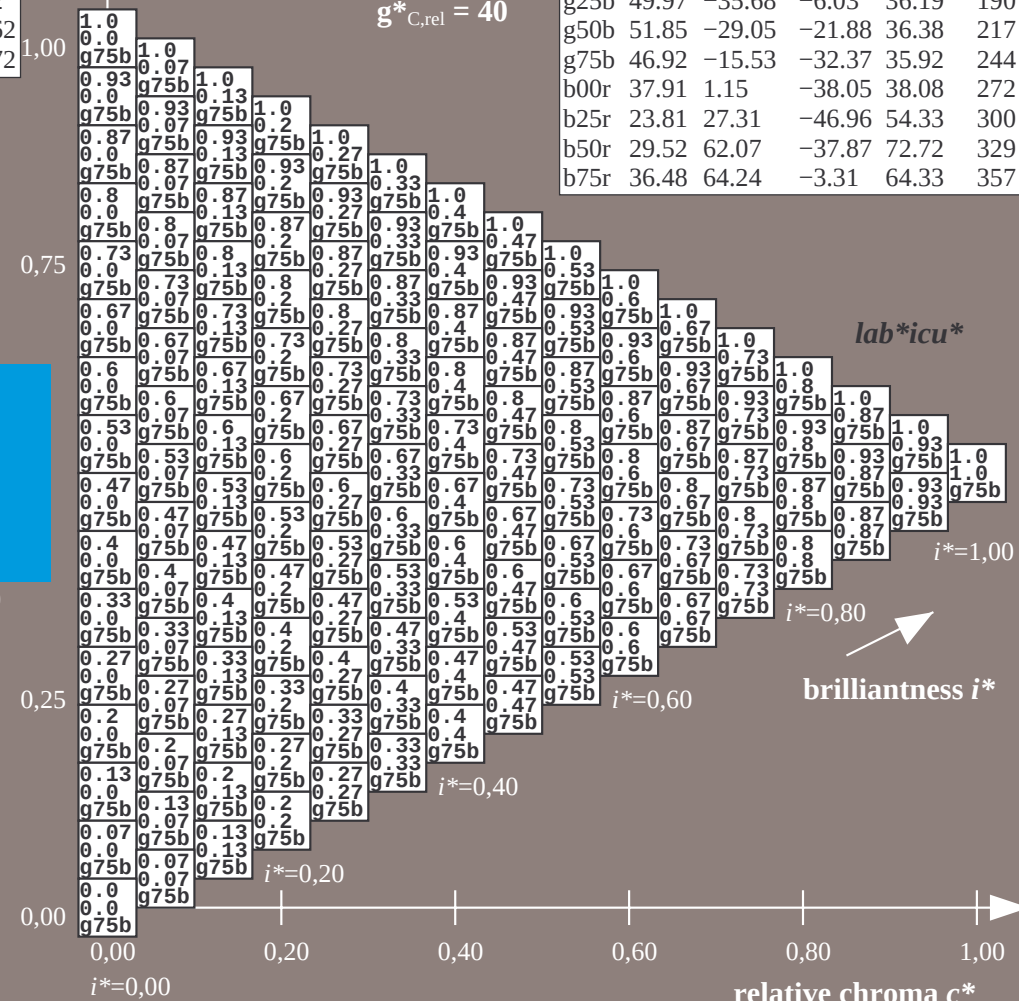
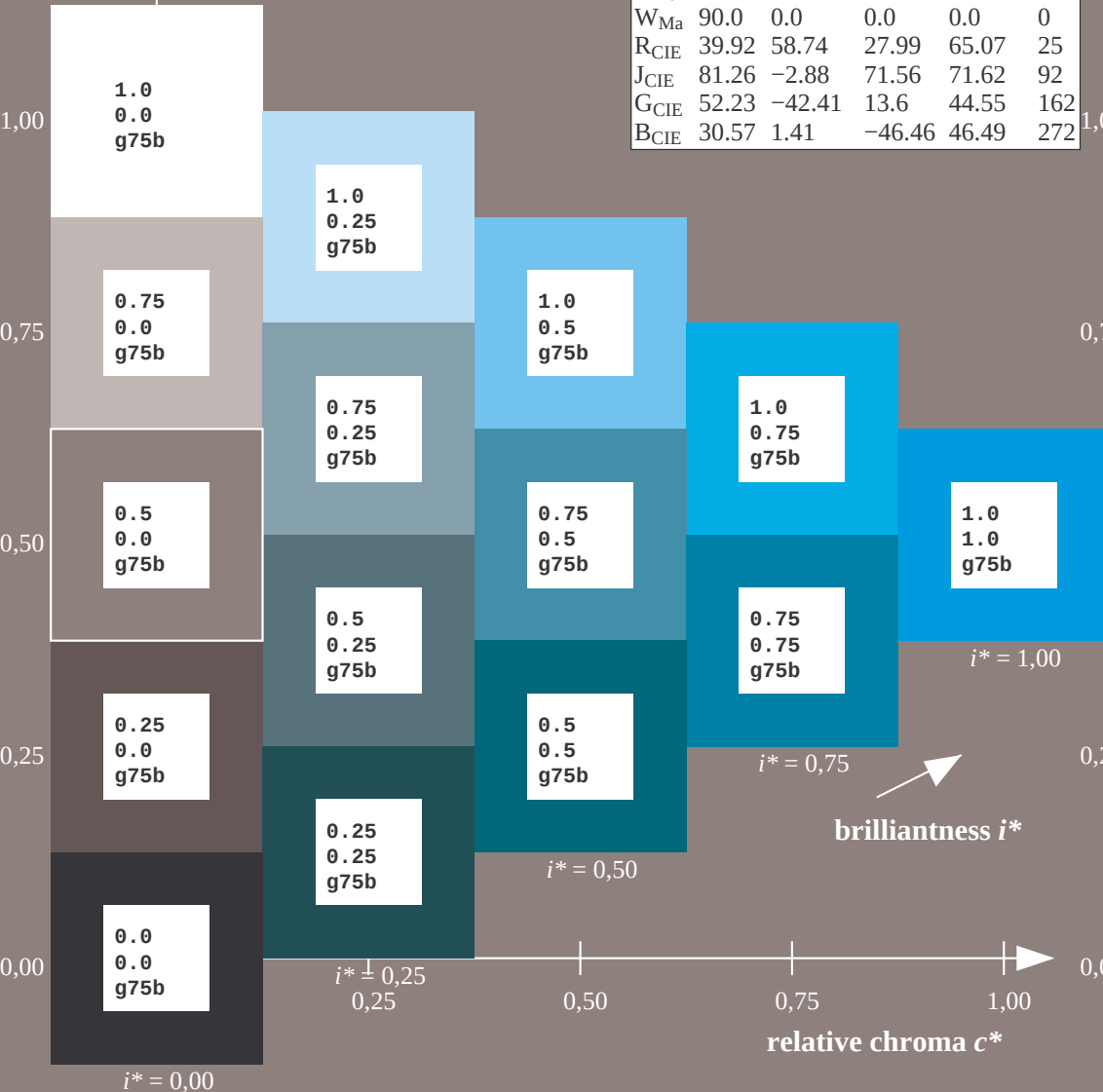
$u^*_{rel} = 88$

%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 $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

lab^*ich^* and lab^*icu^*

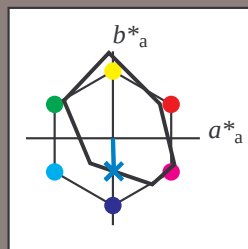
elementary hue text:

$u^* = b00r$

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

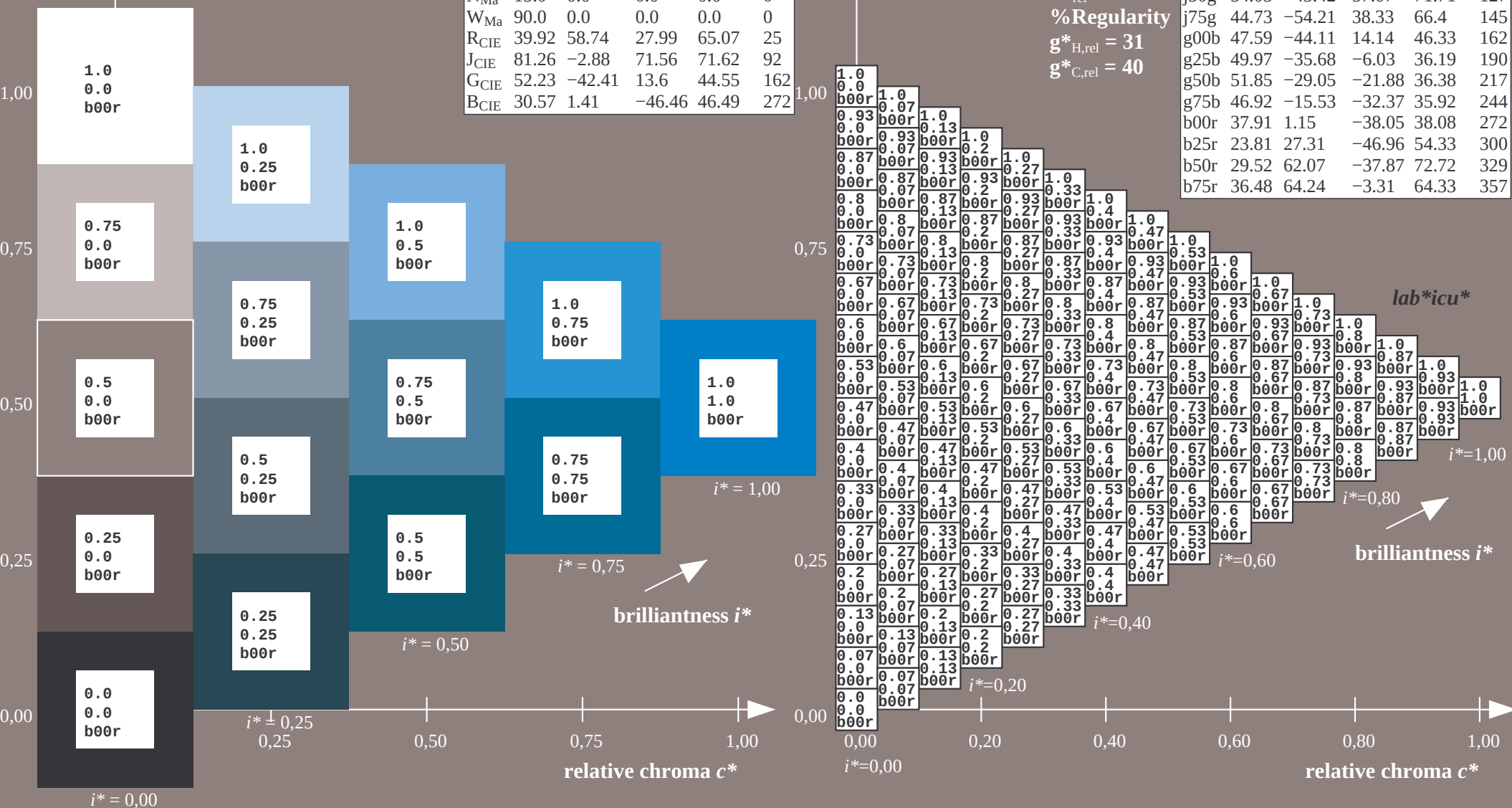
$u^*_{rel} = 88$

%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

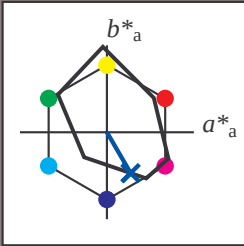


Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$
data for any colour:

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

$u^* = b25r$
 lab^*icu^*

Data for maximum colour (Ma):
 $LAB^*LAB^*Ma: 24\ 27\ -46$
 $LAB^*LCH^*Ma: 24\ 54\ 300$
 $lab^*rgb^*Ma: 0.5\ 0.0\ 1.0$
 $lab^*olv^*Ma: 0.0\ 0.25\ 1.0$
triangle lightness t^*



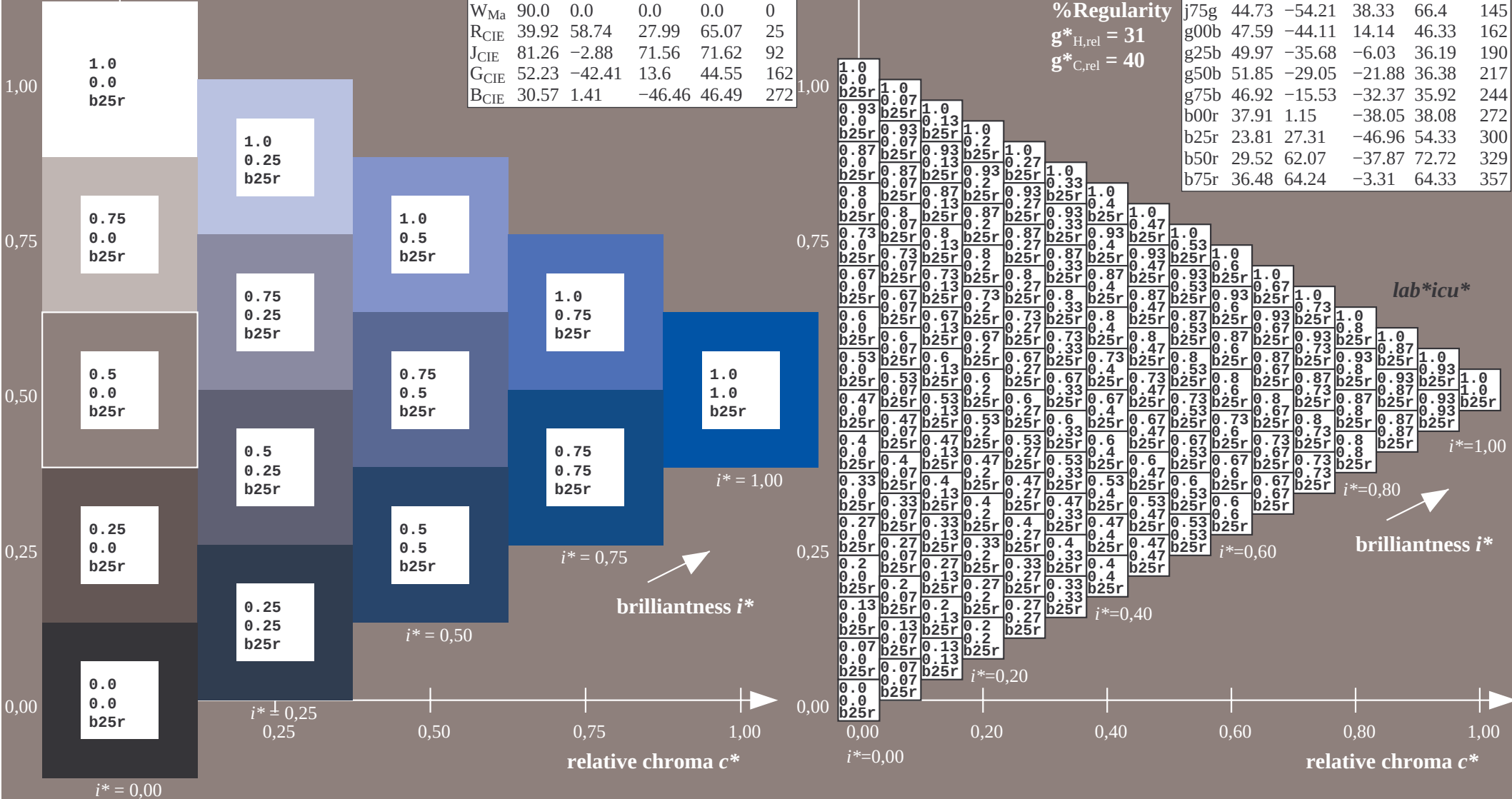
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	35.06	53.93	39.55	66.88	36
Y _{Ma}	83.77	-4.63	98.26	98.37	93
L _{Ma}	44.13	-56.32	43.36	71.09	142
C _{Ma}	52.66	-26.18	-28.74	38.89	228
V _{Ma}	14.15	45.22	-53.06	69.72	310
M _{Ma}	37.37	70.69	-30.1	76.83	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

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

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 $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

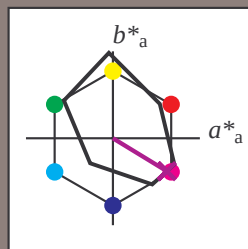
elementary hue text:

$u^* = b50r$

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):

$LAB^*LAB^*Ma: 30\ 62\ -37$

$LAB^*LCH^*Ma: 30\ 73\ 329$

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

$lab^*olv^*Ma: 0.66\ 0.0\ 1.0$

triangle lightness t^*

%Gamut

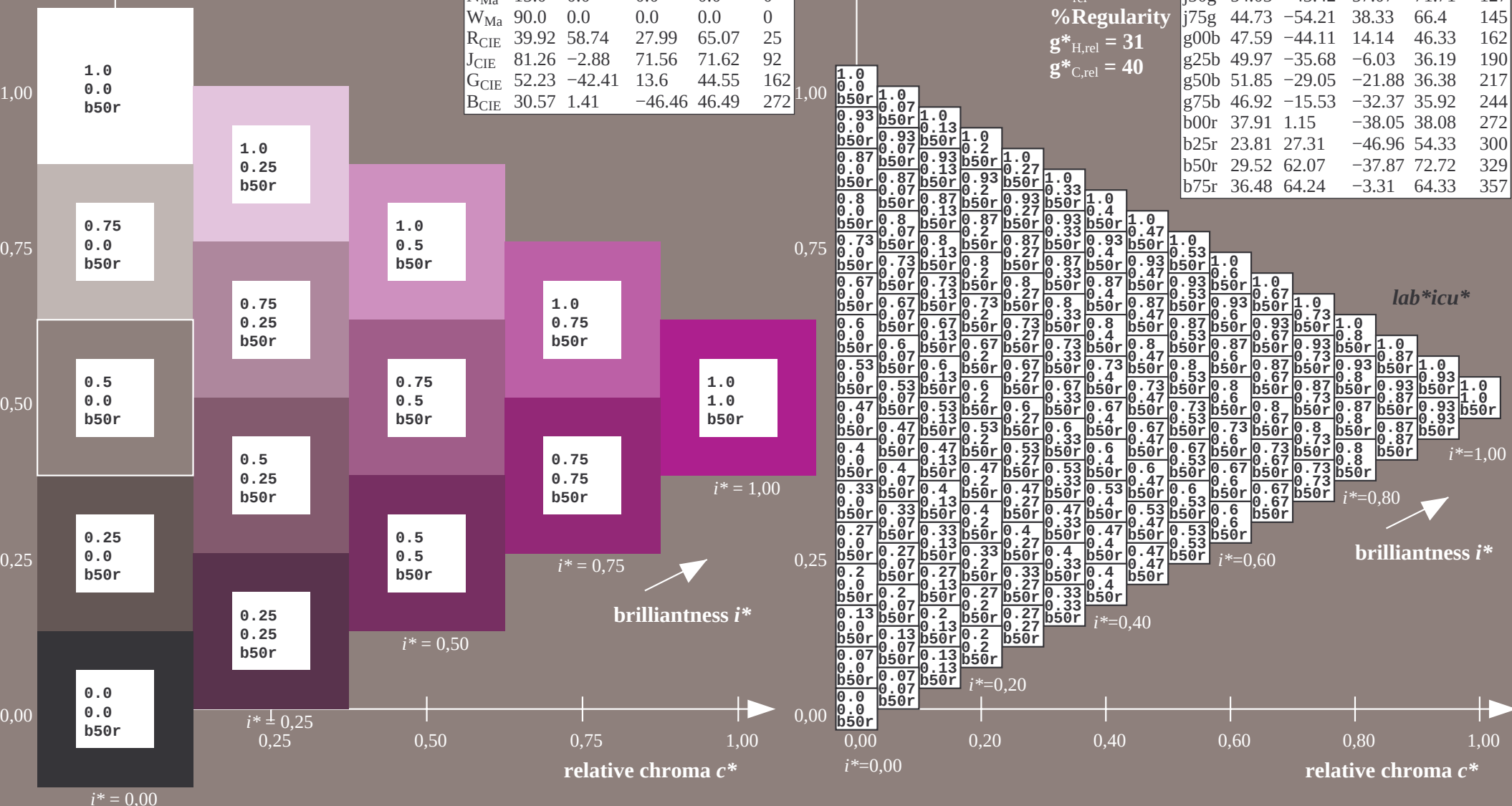
$u^*_{rel} = 88$

%Regularity

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

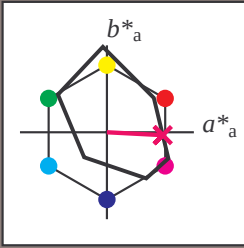
$g^*_{C,rel} = 40$

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



Input and output: Colorimetric Printer Reflective System FRS15_90aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$ $u^* = b75r$
 lab^*icu^*
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

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^*

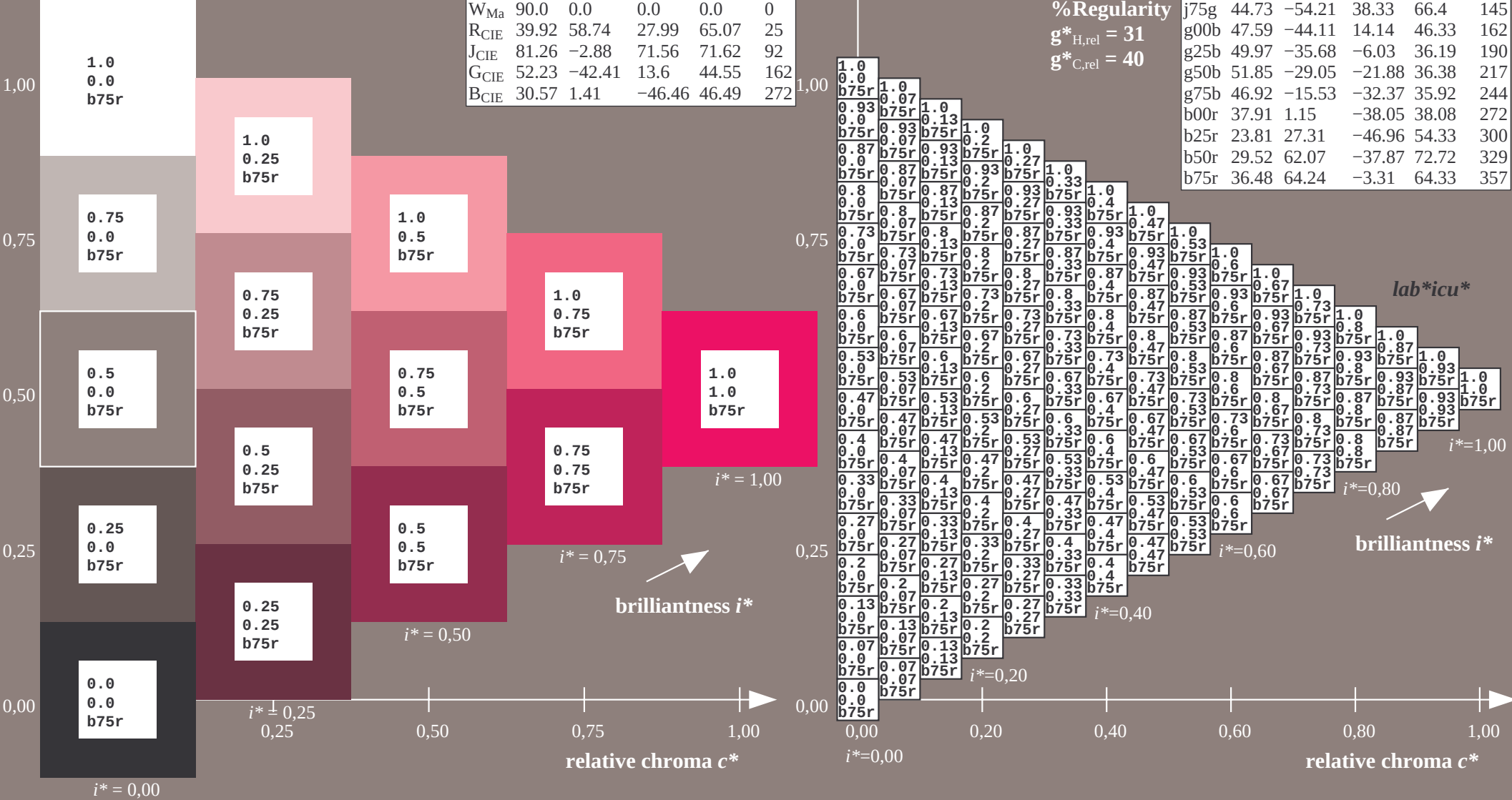
%Gamut

$u^*_{rel} = 88$

%Regularity

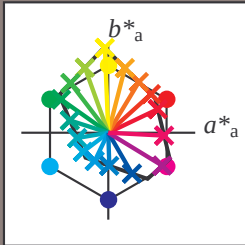
$g^*_{H,rel} = 31$

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



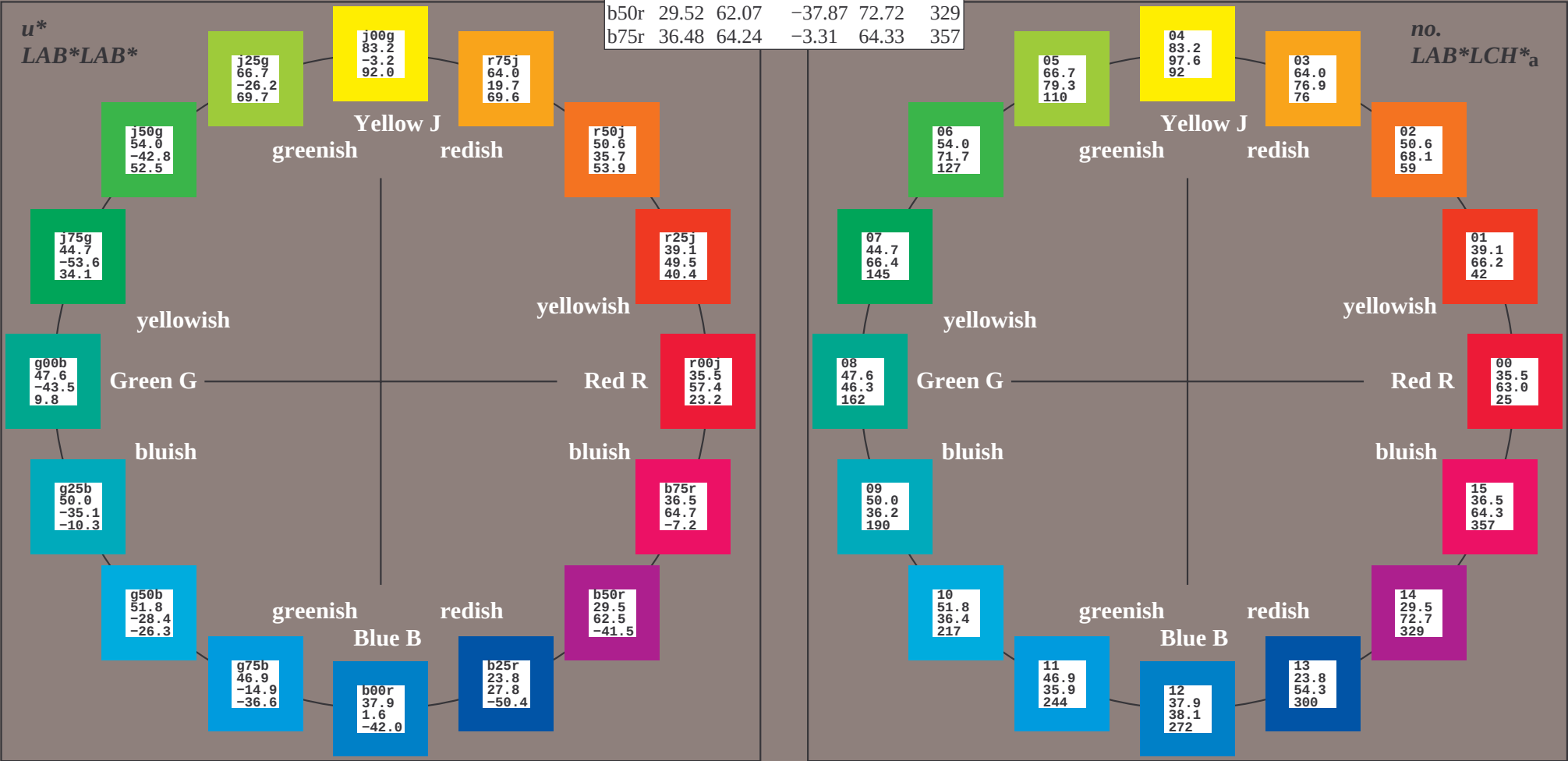
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
contrast reduction factor:
c_R = 0.9

FRS15_90aM; adapted (a) CIELAB data					
	<i>L</i> [*] = <i>L</i> _a [*]	<i>a</i> _a [*]	<i>b</i> _a [*]	<i>C</i> _{ab,a} [*]	<i>h</i> _{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					
	<i>L</i> [*] = <i>L</i> _a [*]	<i>a</i> _a [*]	<i>b</i> _a [*]	<i>C</i> _{ab} [*]	<i>h</i> _{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^*

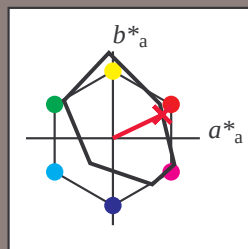
elementary hue text:

$u^* = r00j$

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):

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

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

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

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

triangle lightness t^*

%Gamut

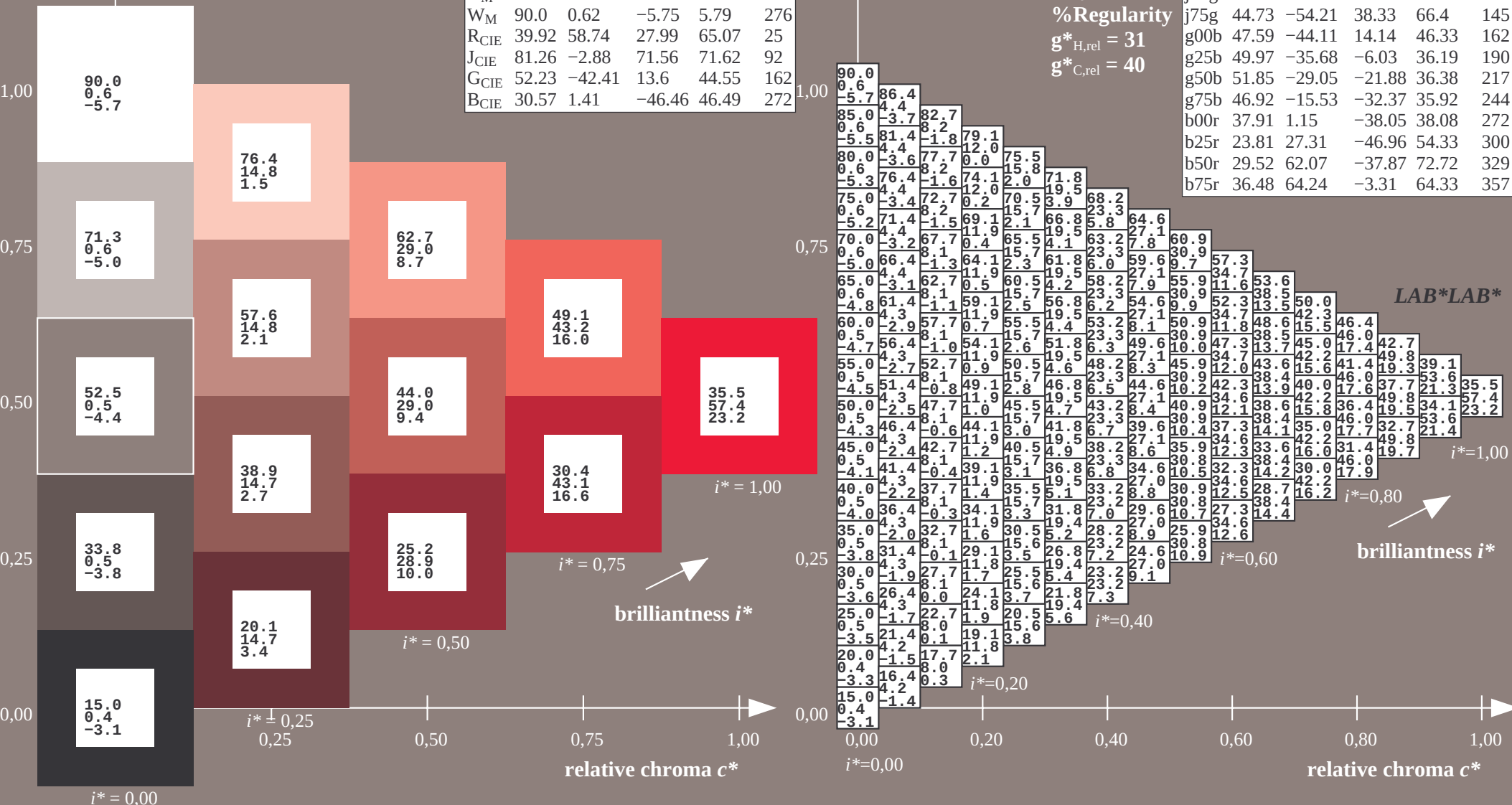
$u^*_{rel} = 88$

%Regularity

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

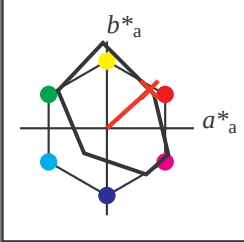
$g^*_{C,rel} = 40$

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_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

triangle lightness t^*

% Gamut

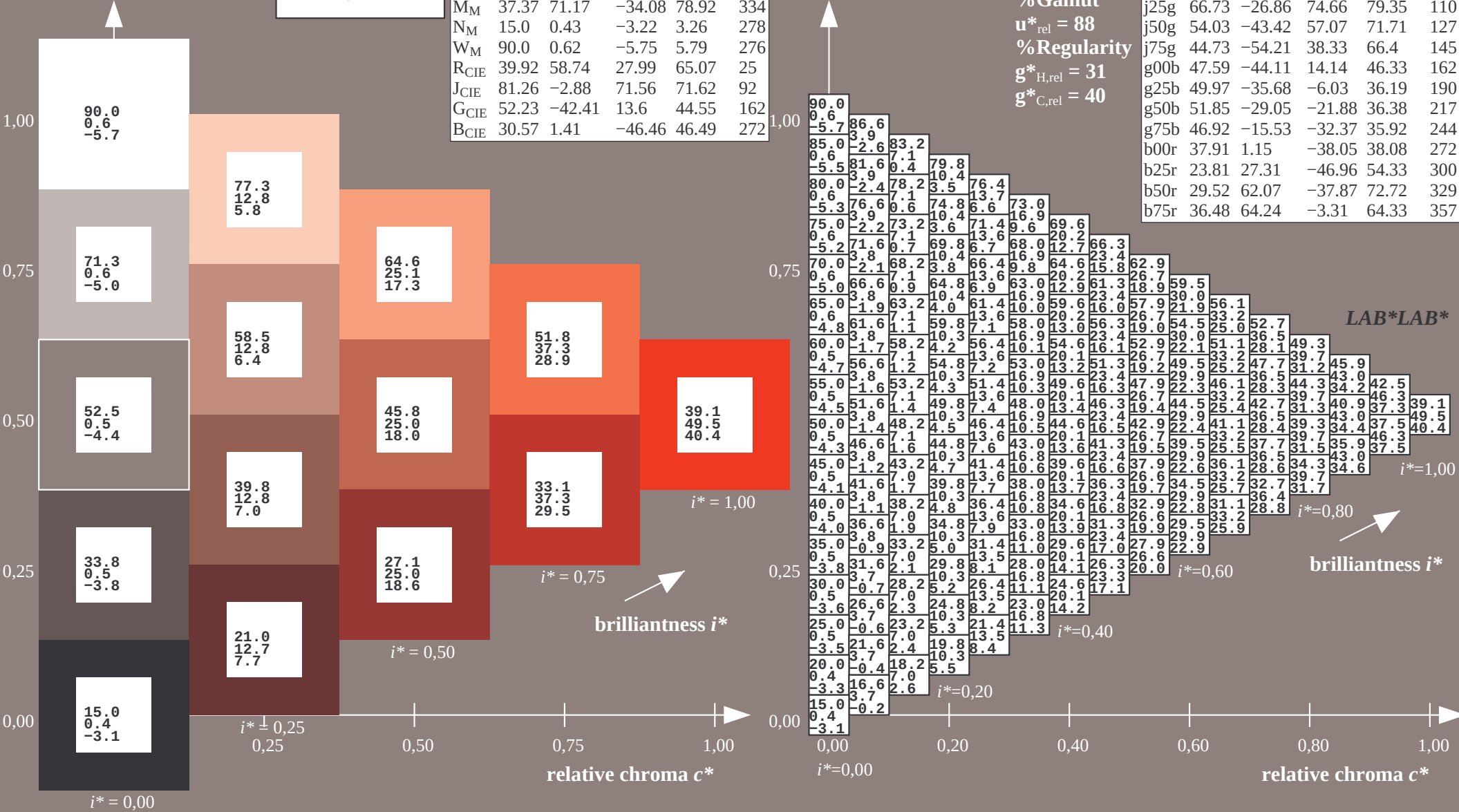
$u^*_{rel} = 88$

% Regularity

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

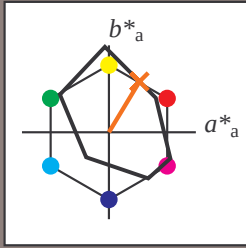
$g^*_{C,rel} = 40$

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^*



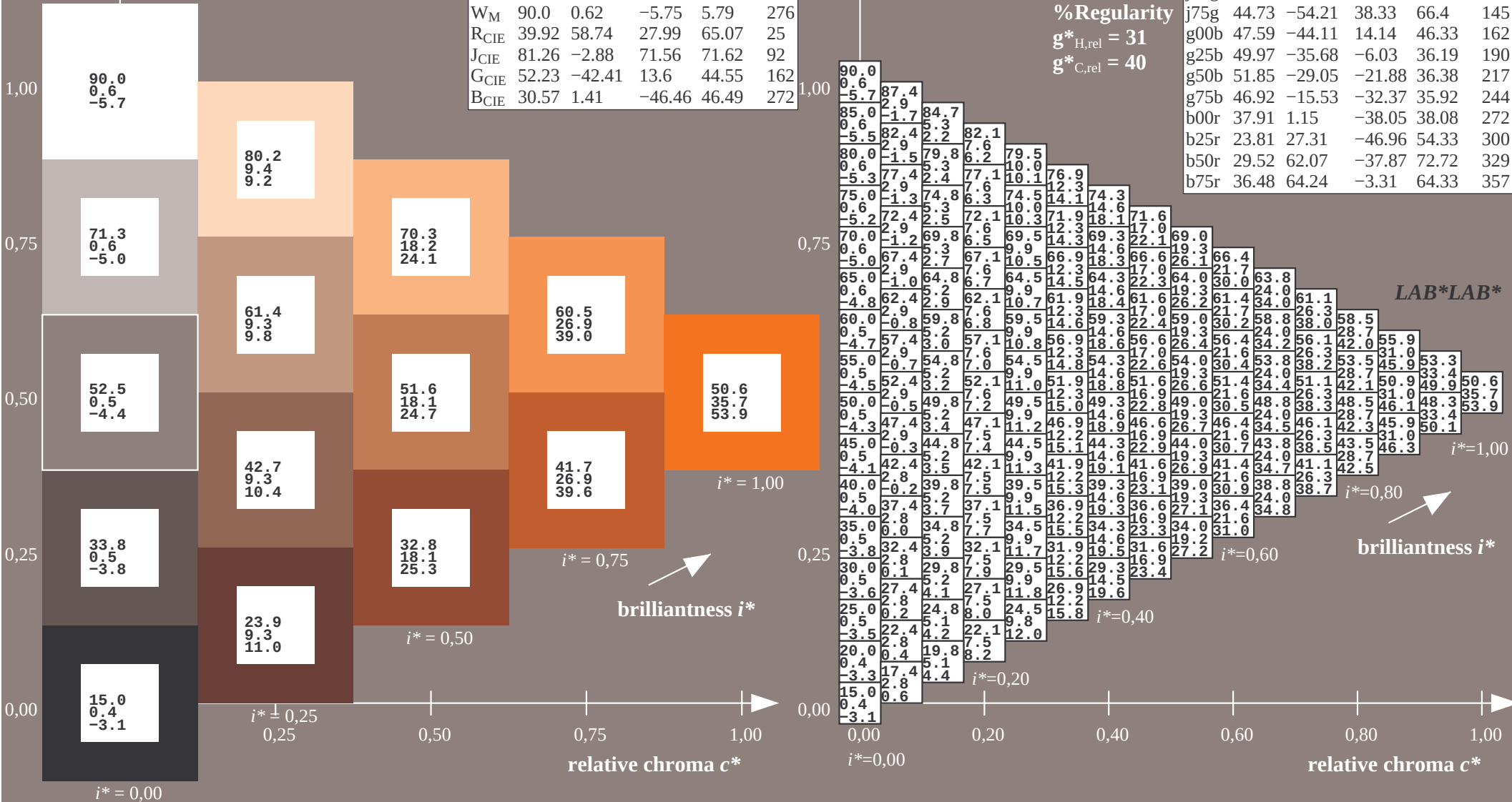
FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	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^*

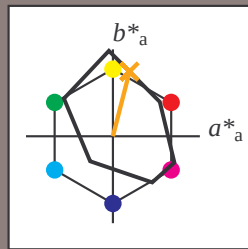
elementary hue text:

$u^* = r75j$

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

triangle lightness t^*

% Gamut

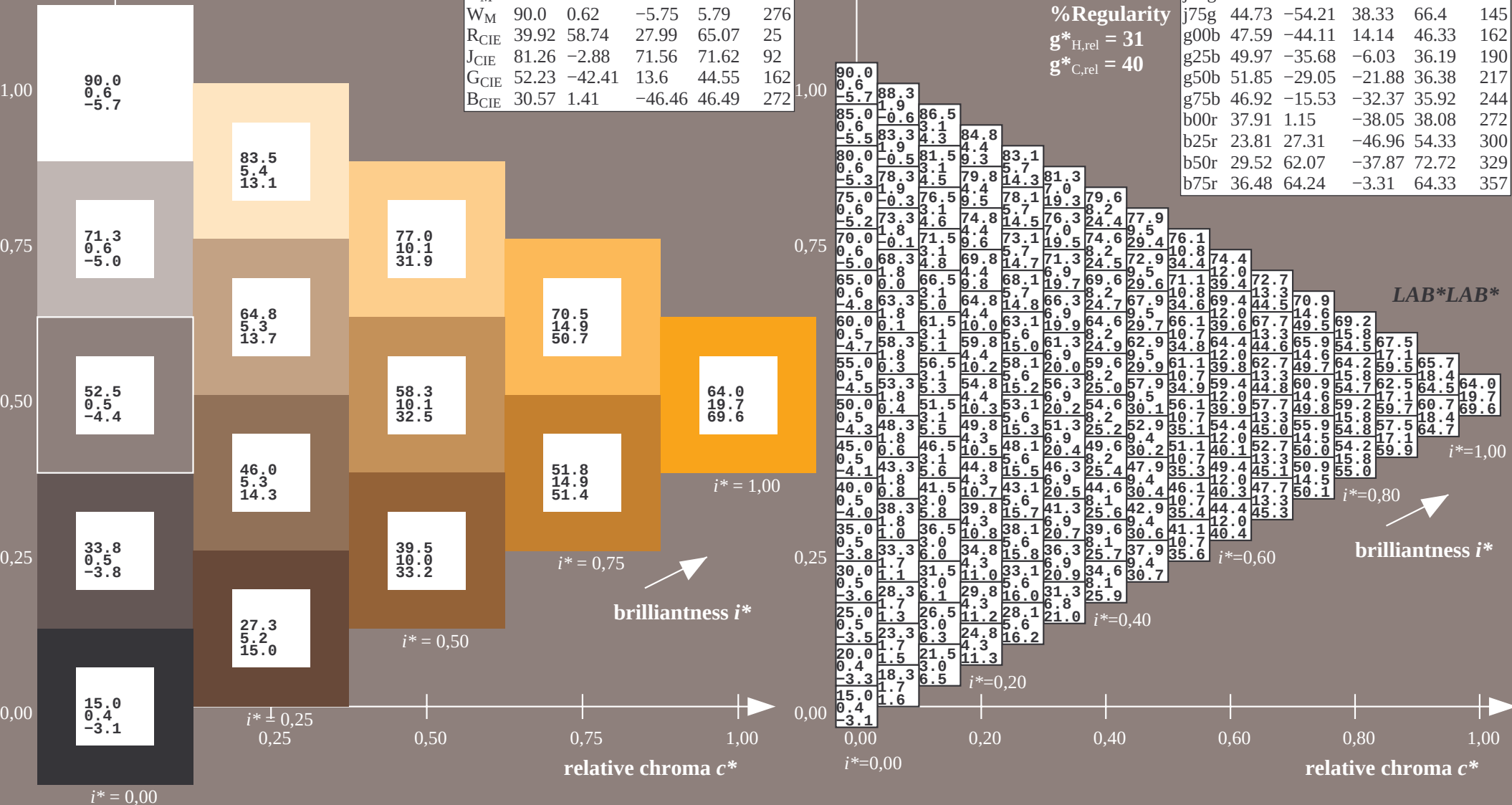
$u^*_{rel} = 88$

% 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^*

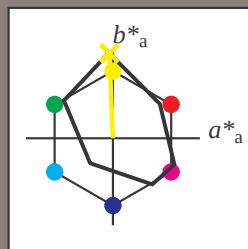
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_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):

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

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

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

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

triangle lightness t^*

% Gamut

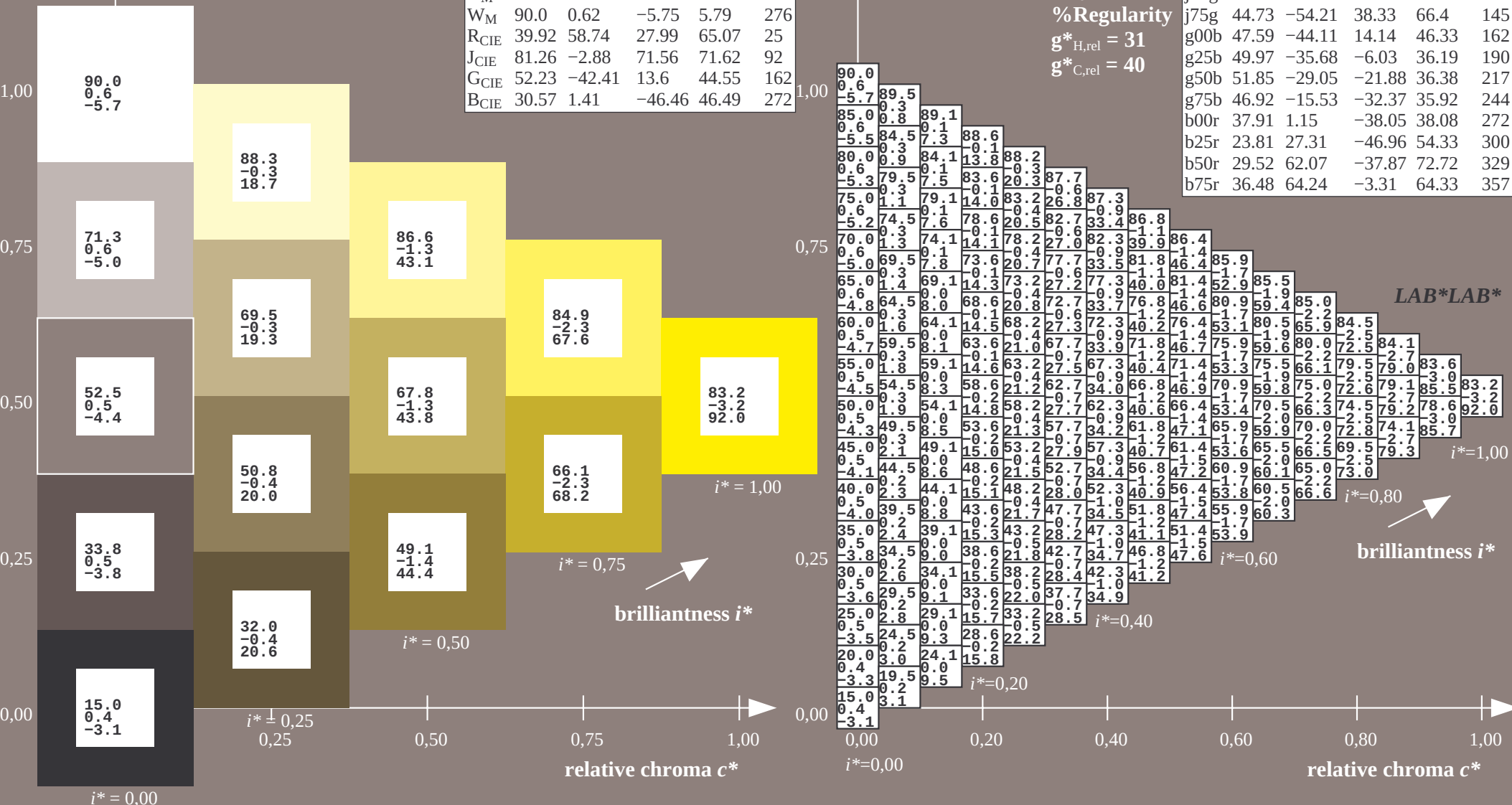
$u^*_{rel} = 88$

% Regularity

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

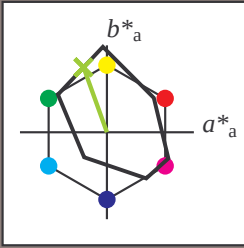
$g^*_{C,rel} = 40$

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_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):

$LAB^*LAB^*Ma: 67 -26 75$
 $LAB^*LCH^*Ma: 67 79 110$
 $lab^*rgb^*Ma: 0.75 1.0 0.0$
 $lab^*olv^*Ma: 0.57 1.0 0.0$

triangle lightness t^*

% Gamut

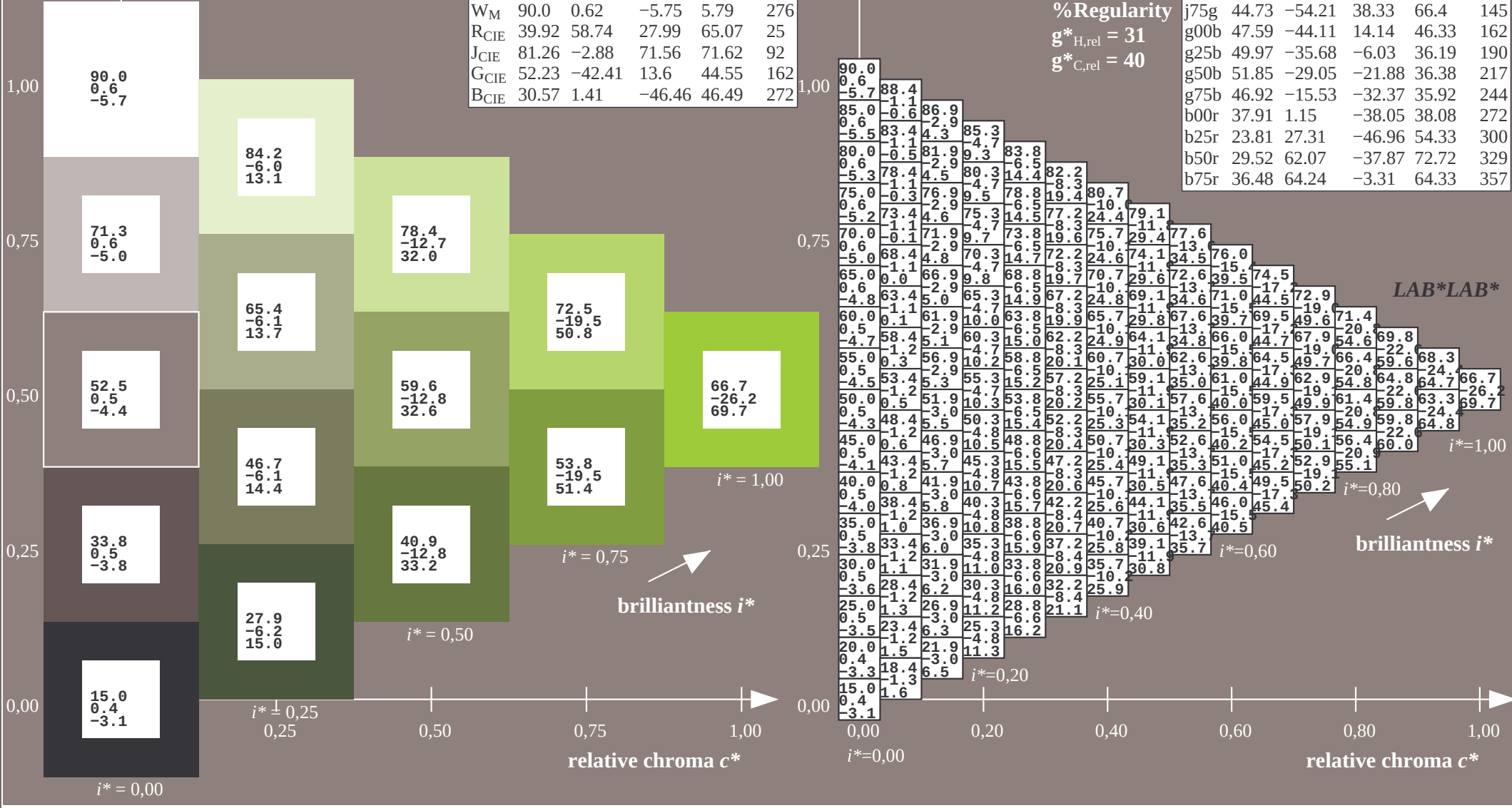
$u^*_{rel} = 88$

% 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

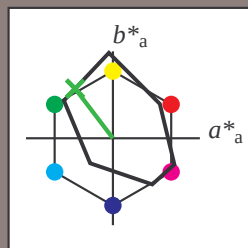


$$u^* = j50g$$
$$u^* = j50g$$

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

triangle lightness t^*

▲

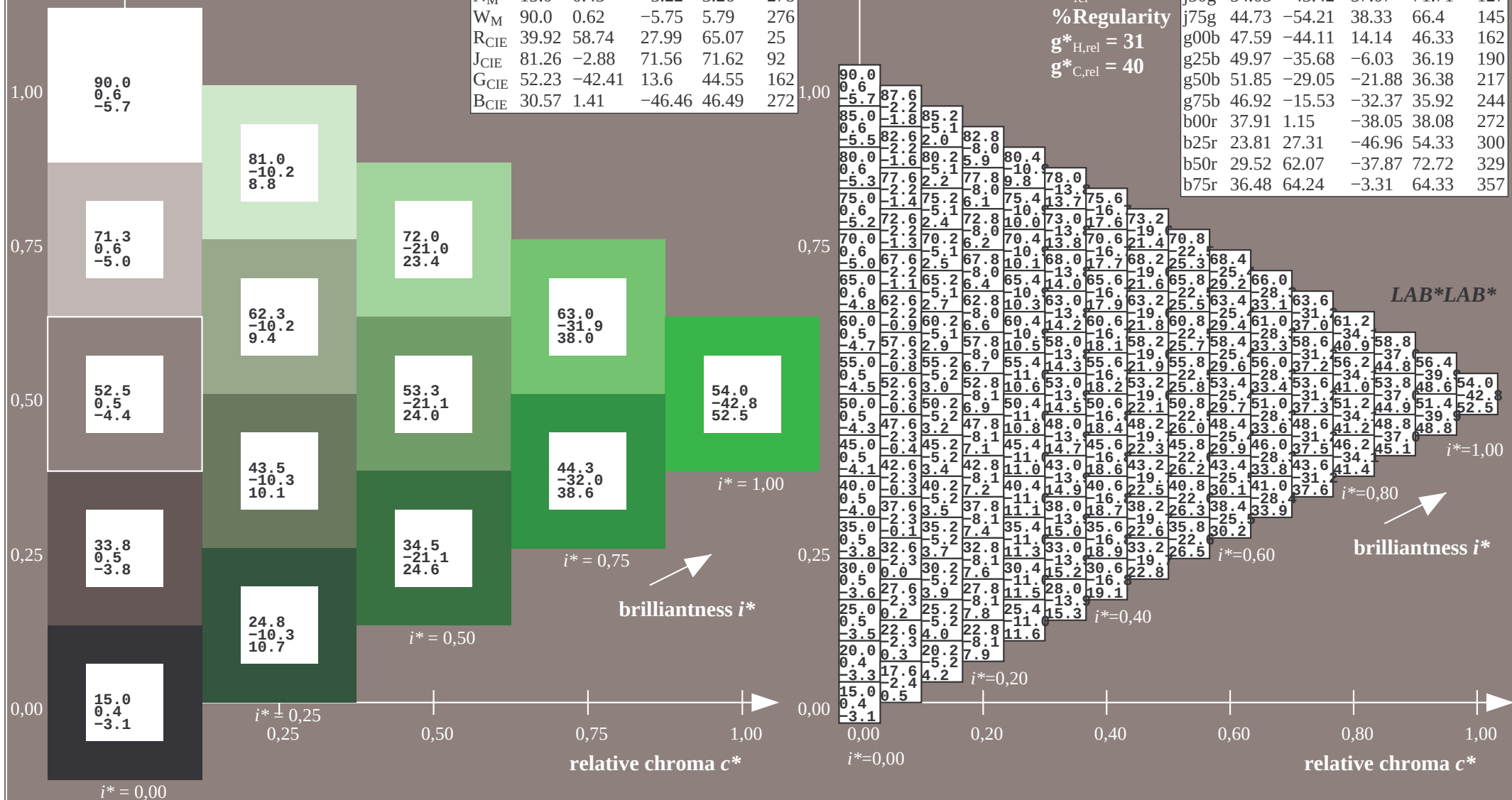
% Gamut

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

%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^*

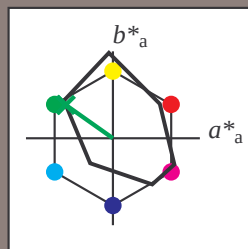
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_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):

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

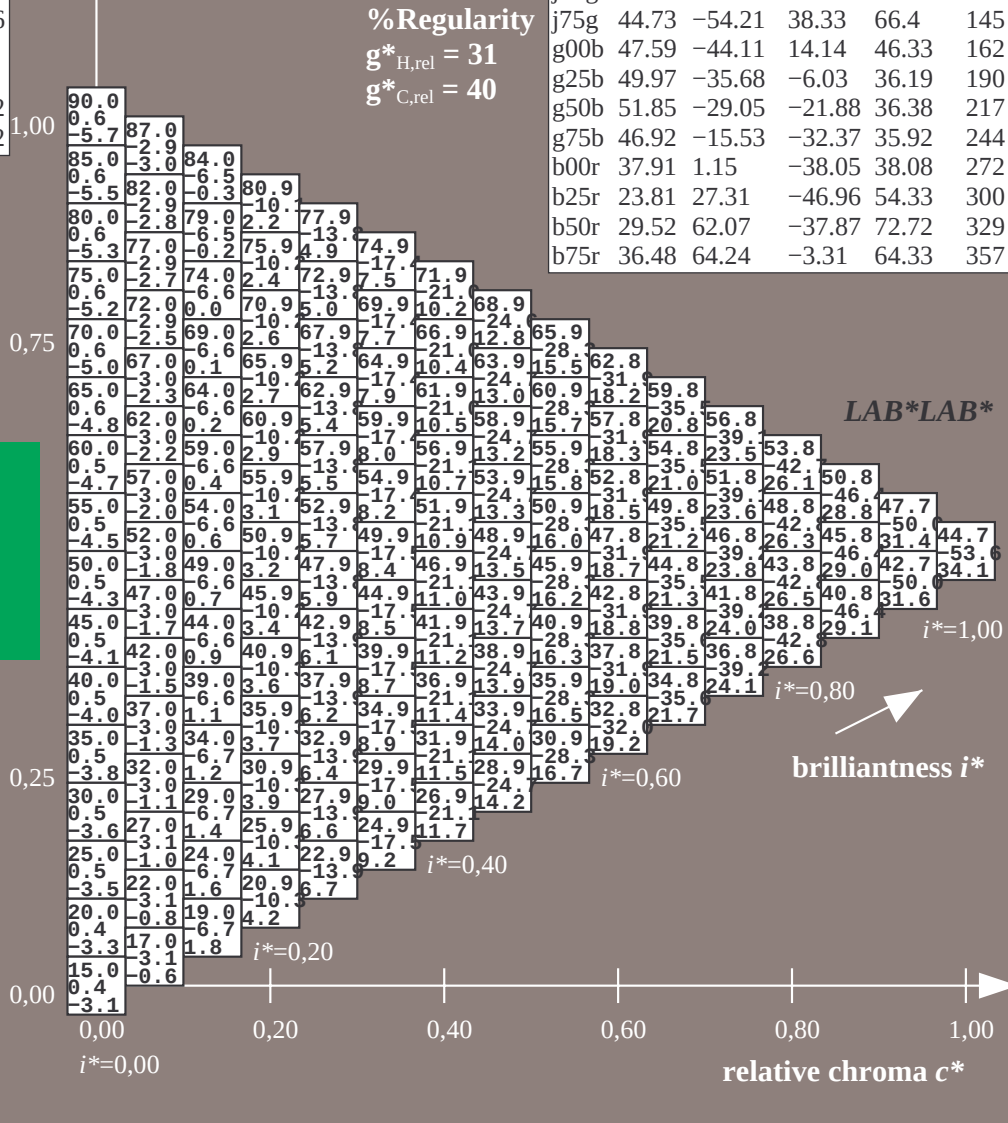
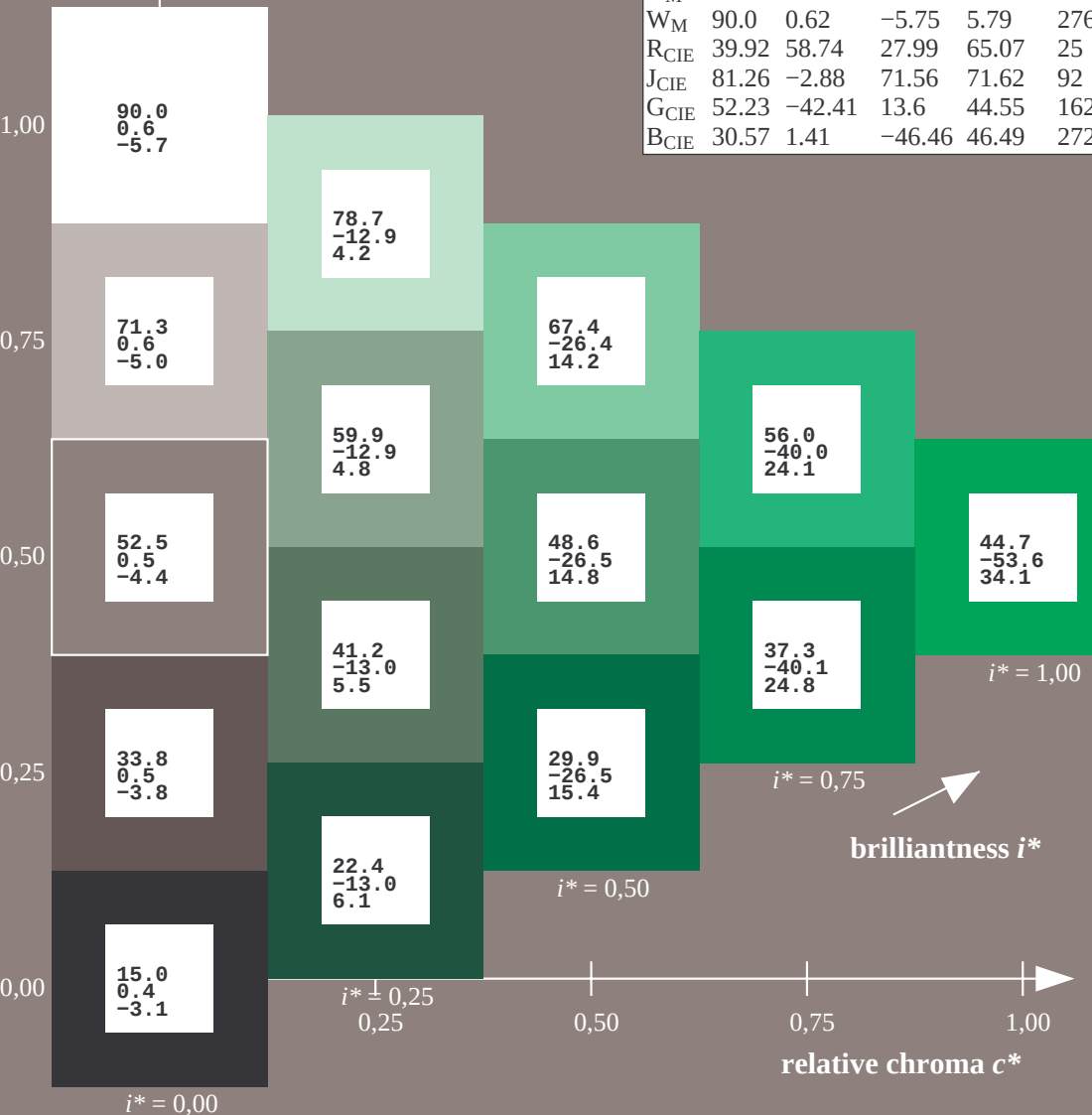
$u^*_{rel} = 88$

%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^*

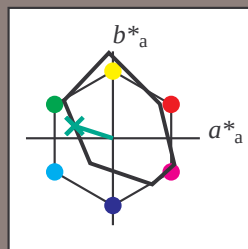
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_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

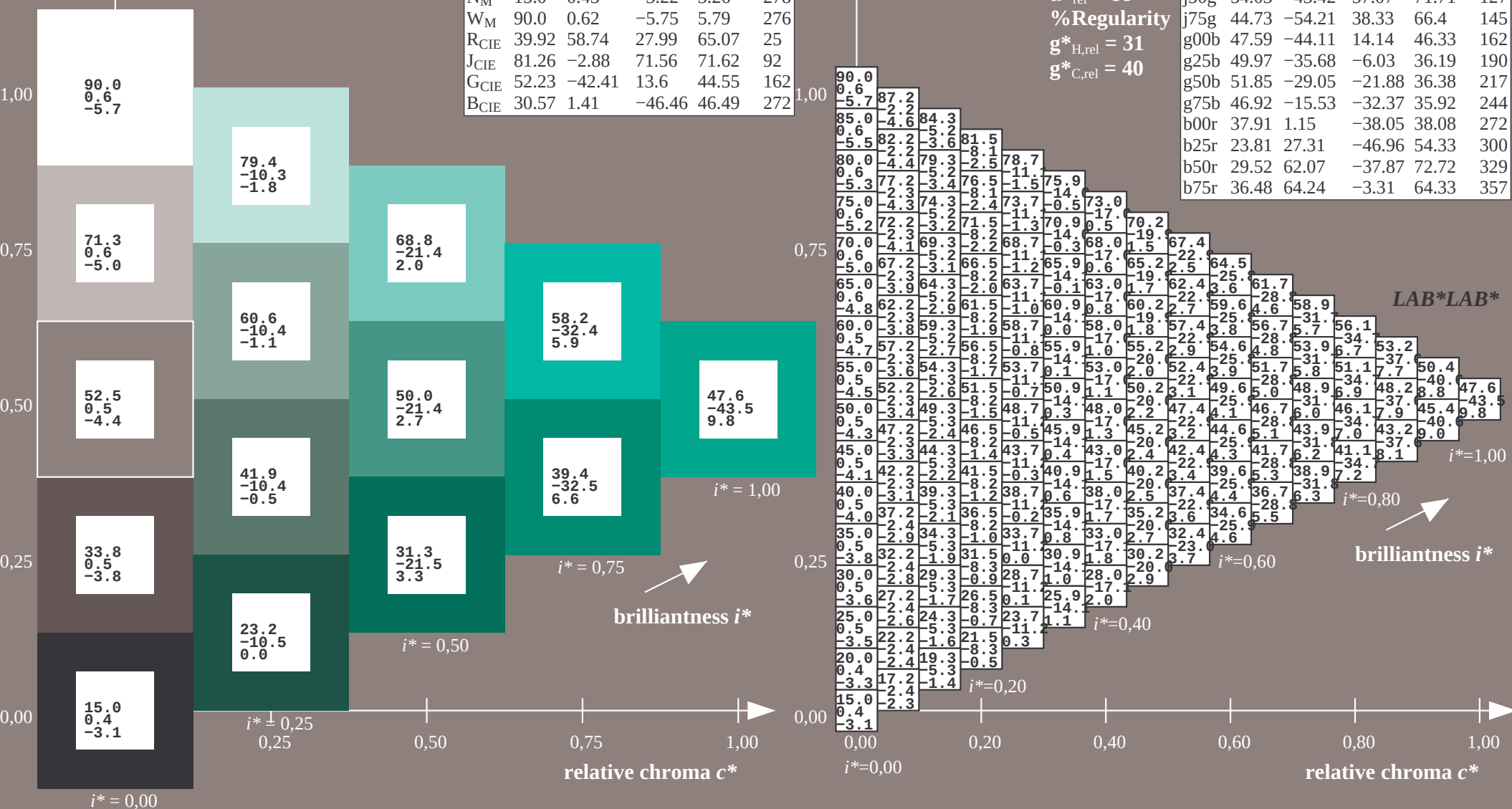
$u^*_{rel} = 88$

%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^*

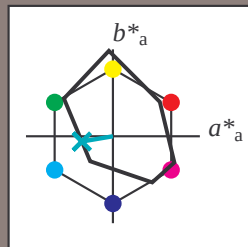
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



	$L^*=L^*$	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

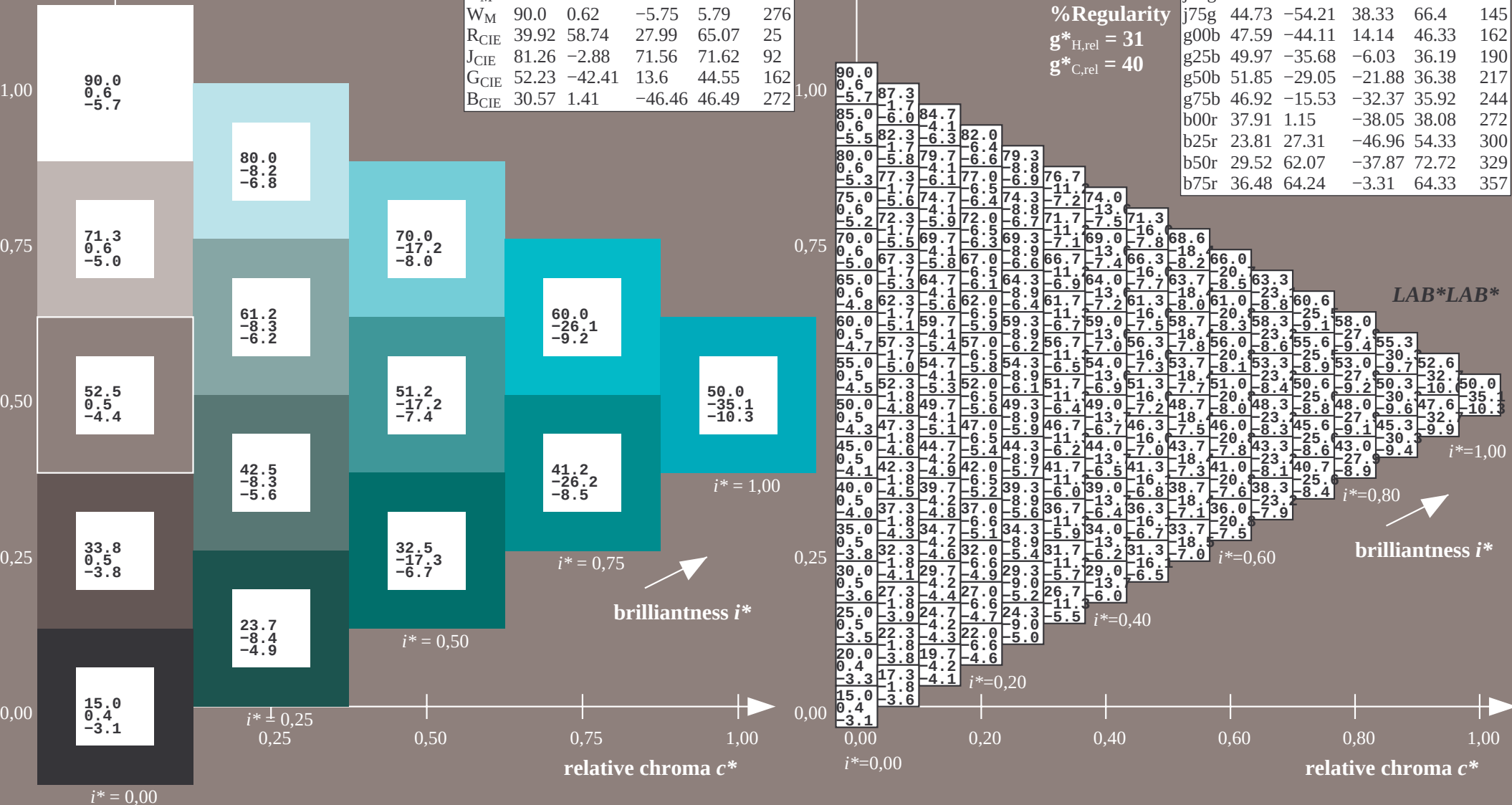
$u^*_{rel} = 88$

% Regularity

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

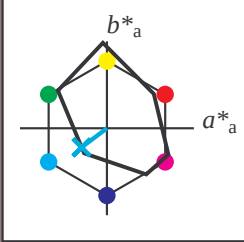
$g^*_{C,rel} = 40$

	$L^*=L^*_a$	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_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):

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

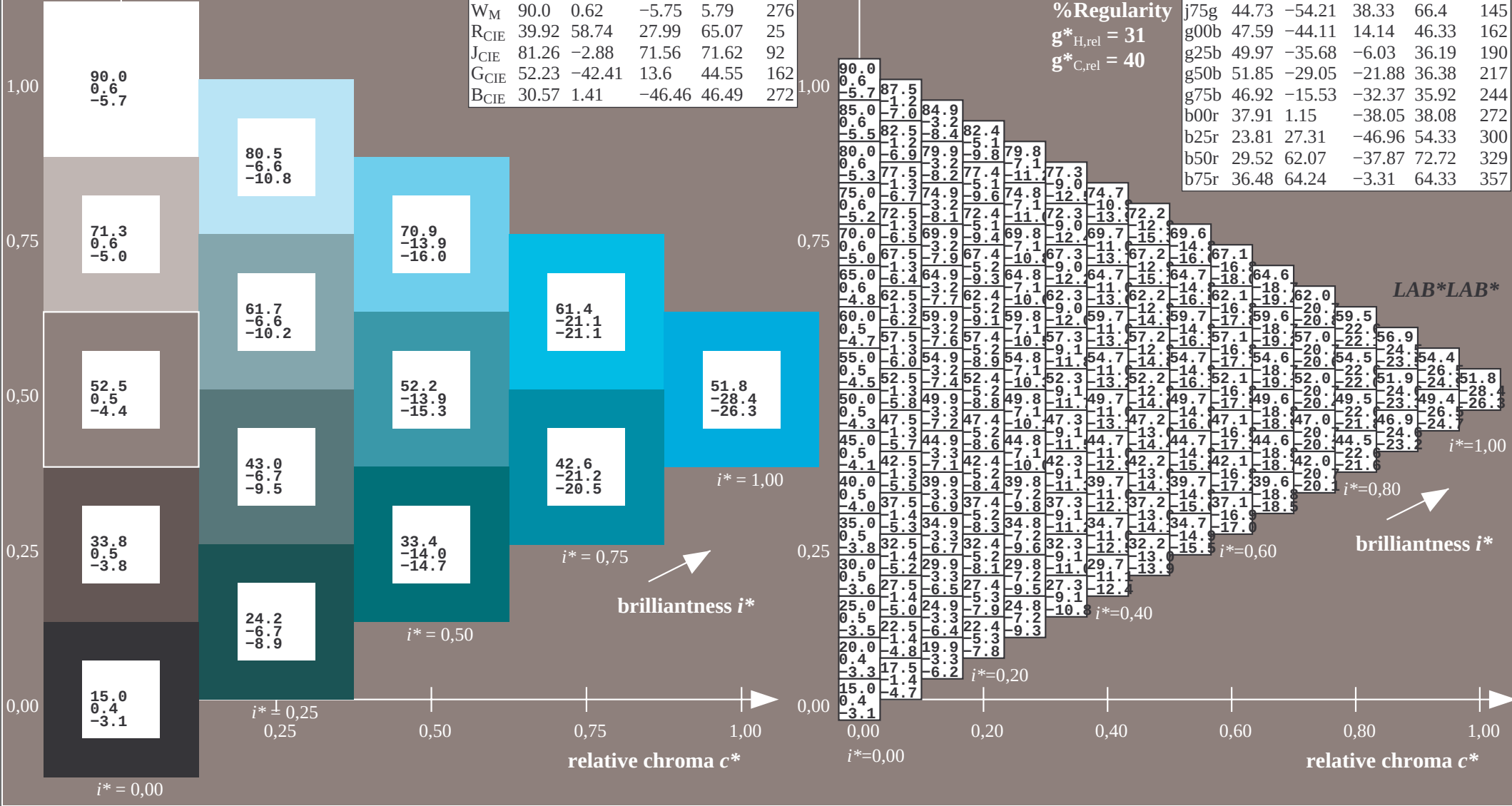
$u^*_{rel} = 88$

%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



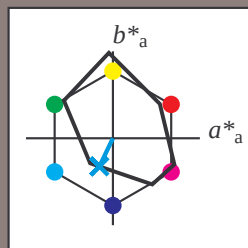
$u^* = g75b$
 LAB^*LAB^*

$$u^* = g75b$$

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: 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^*

30

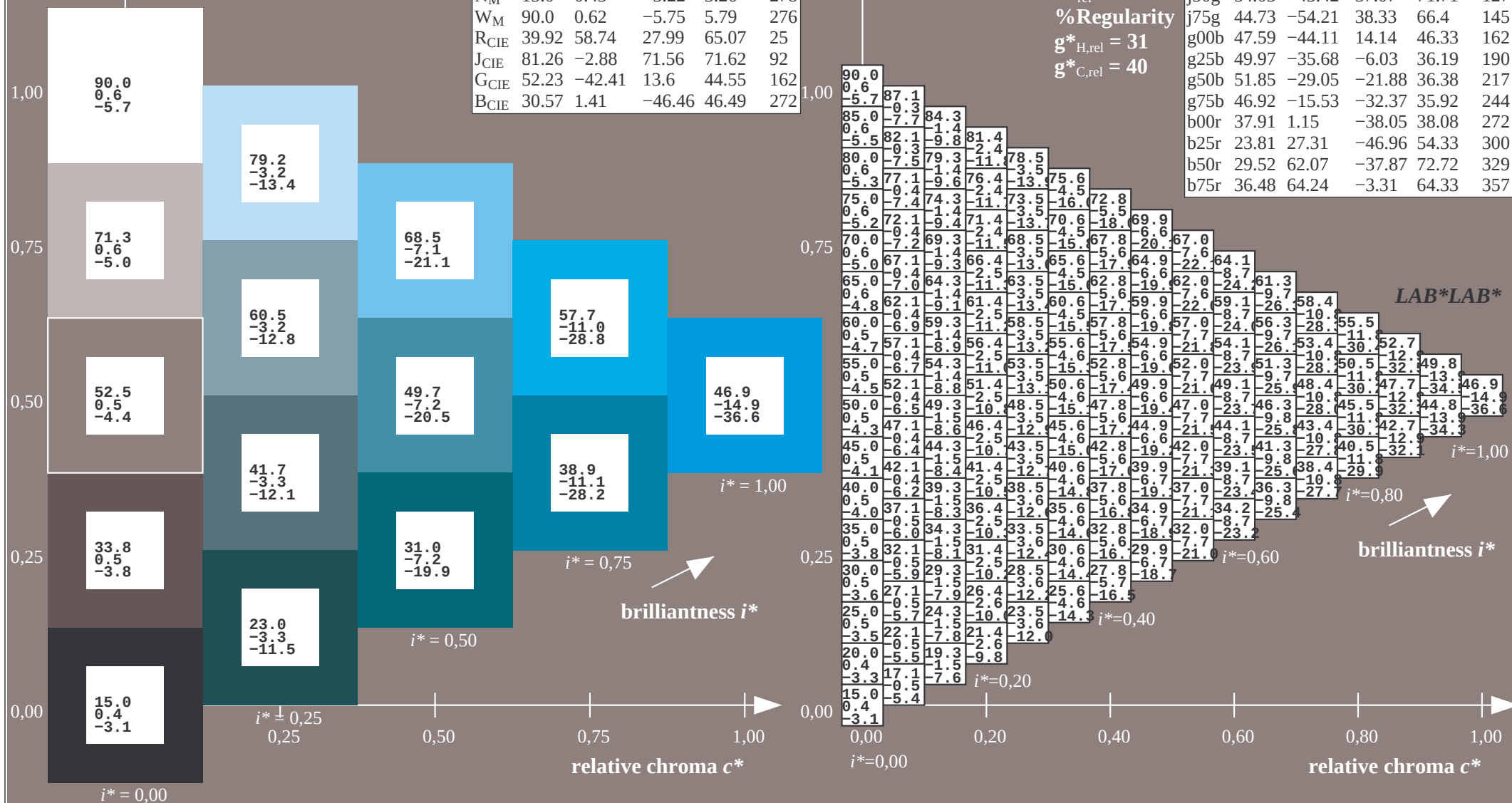
% Gamut

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

%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	



$u^* = b00r$
 LAB^*LAB^*

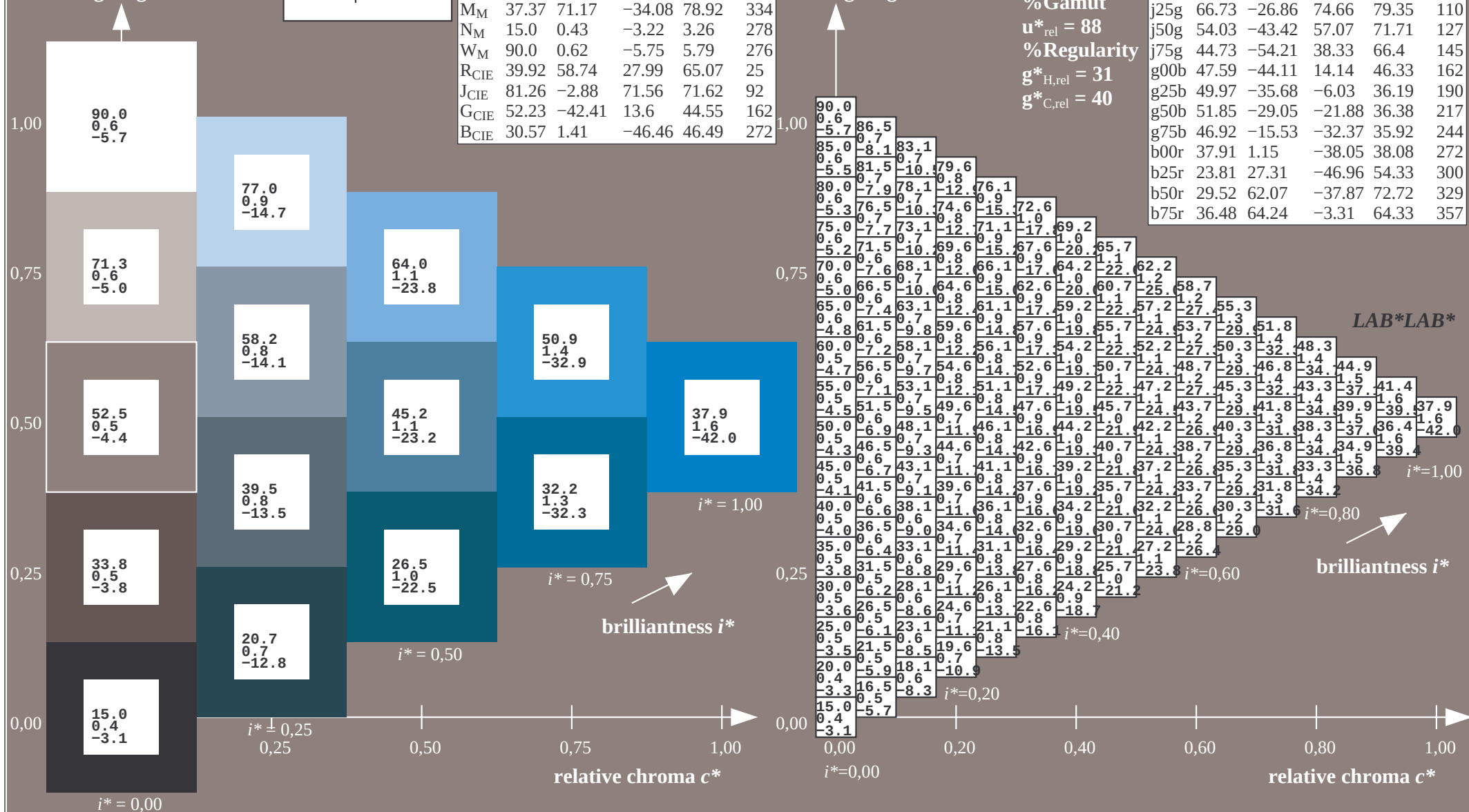
A diagram of a hexagonal lattice. A central blue star is surrounded by six colored dots (green, red, magenta, purple, cyan, yellow) at the vertices of a hexagon. The axes are labeled a^*a and b^*a .

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}: 38 1 -37
*LAB*LCH**_{Ma}: 38 38 272
*lab*rgb**_{Ma}: 0.0 0.0 1.0
*lab*ol**_{Ma}: 0.0 0.62 1.0

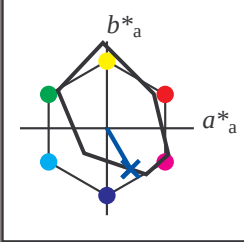
%Gamut
 $u^*_{\text{rel}} = 88$
%Regularity
 $g^*_{\text{H,rel}} = 31$
 $g^*_{\text{C,rel}} = 40$

FRS15_90aM; adapted (a) CIELAB data					
	$L^* = \bar{L}^*_a$	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 $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$
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_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):

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

triangle lightness t^*

%Gamut

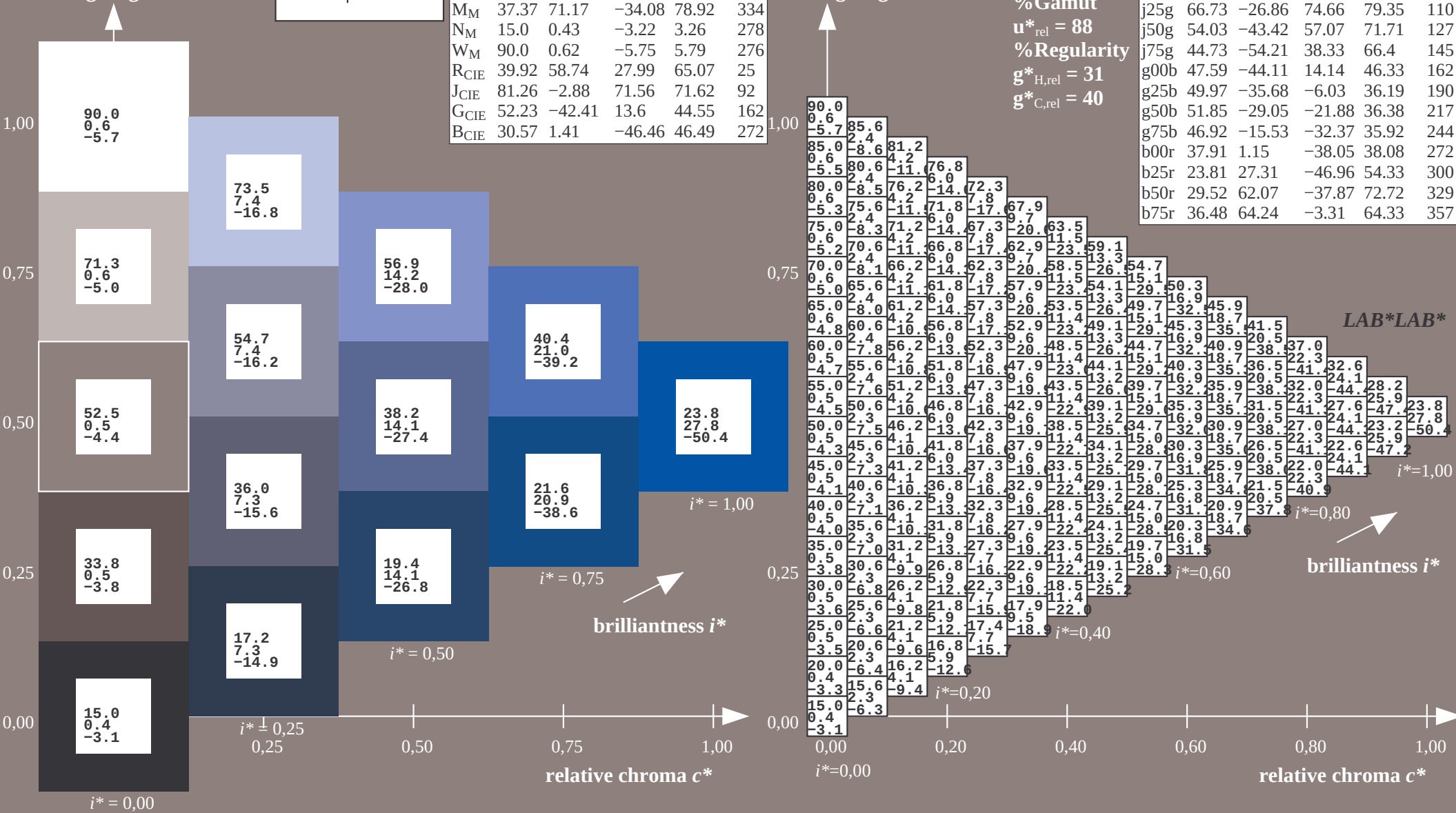
$u^*_{rel} = 88$

%Regularity

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

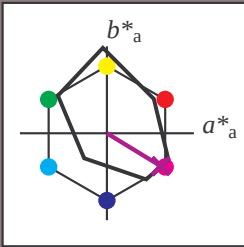
$g^*_{C,rel} = 40$

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 $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$
data for any colour:
 lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b50r$
contrast reduction factor:
 $c_R = 0.9$
triangle lightness t^*

$u^* = b50r$
 LAB^*LAB^*

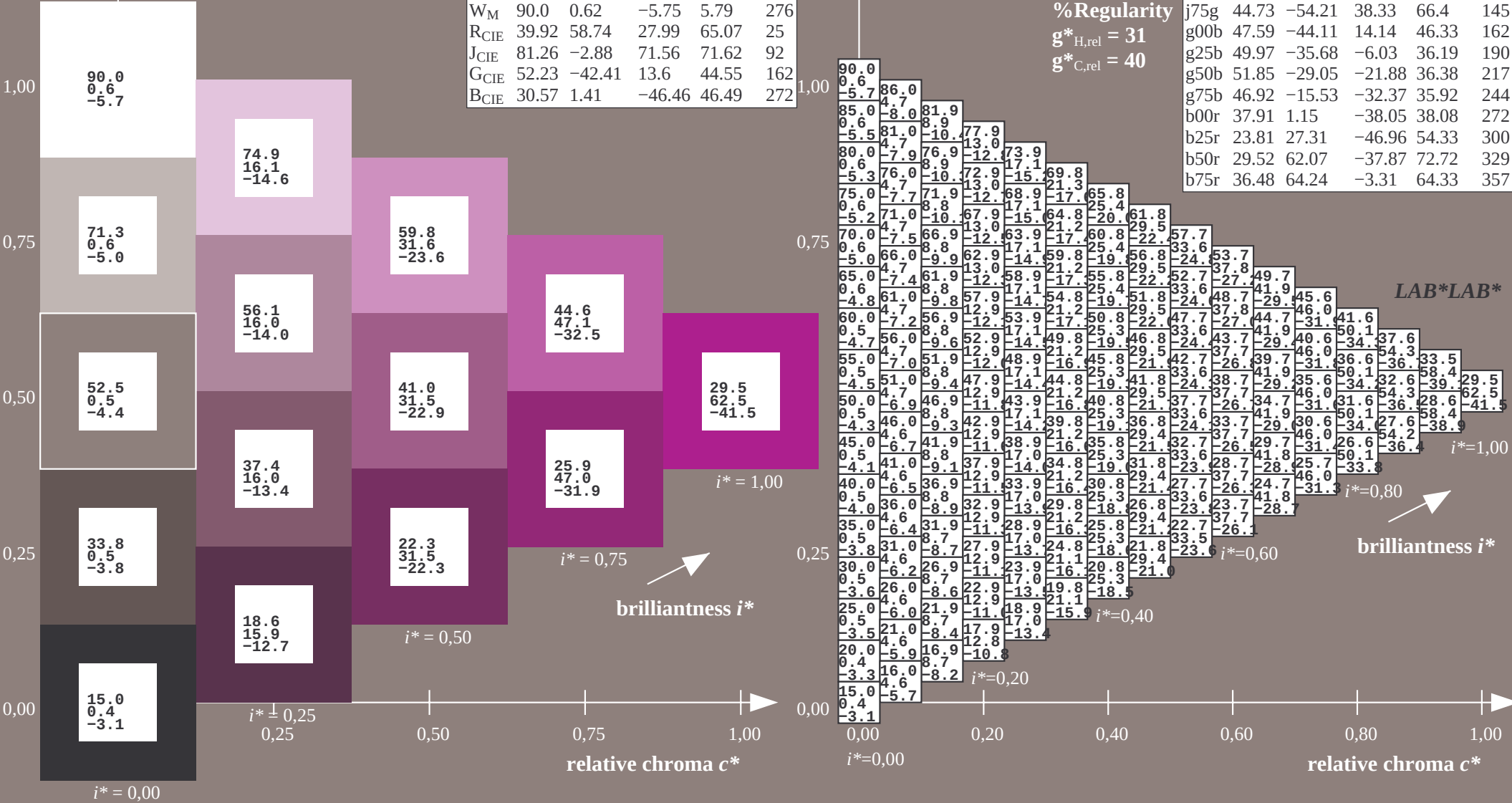


FRS15_90M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	90.0	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

Data for maximum colour (Ma):

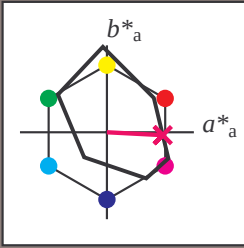
$LAB^*LAB^*_{Ma}$: 30 62 -37
 $LAB^*LCH^*_{Ma}$: 30 73 329
 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
 $lab^*olv^*_{Ma}$: 0.66 0.0 1.0

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 $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$ $u^* = b75r$
 LAB^*LAB^*
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_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):

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

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^*

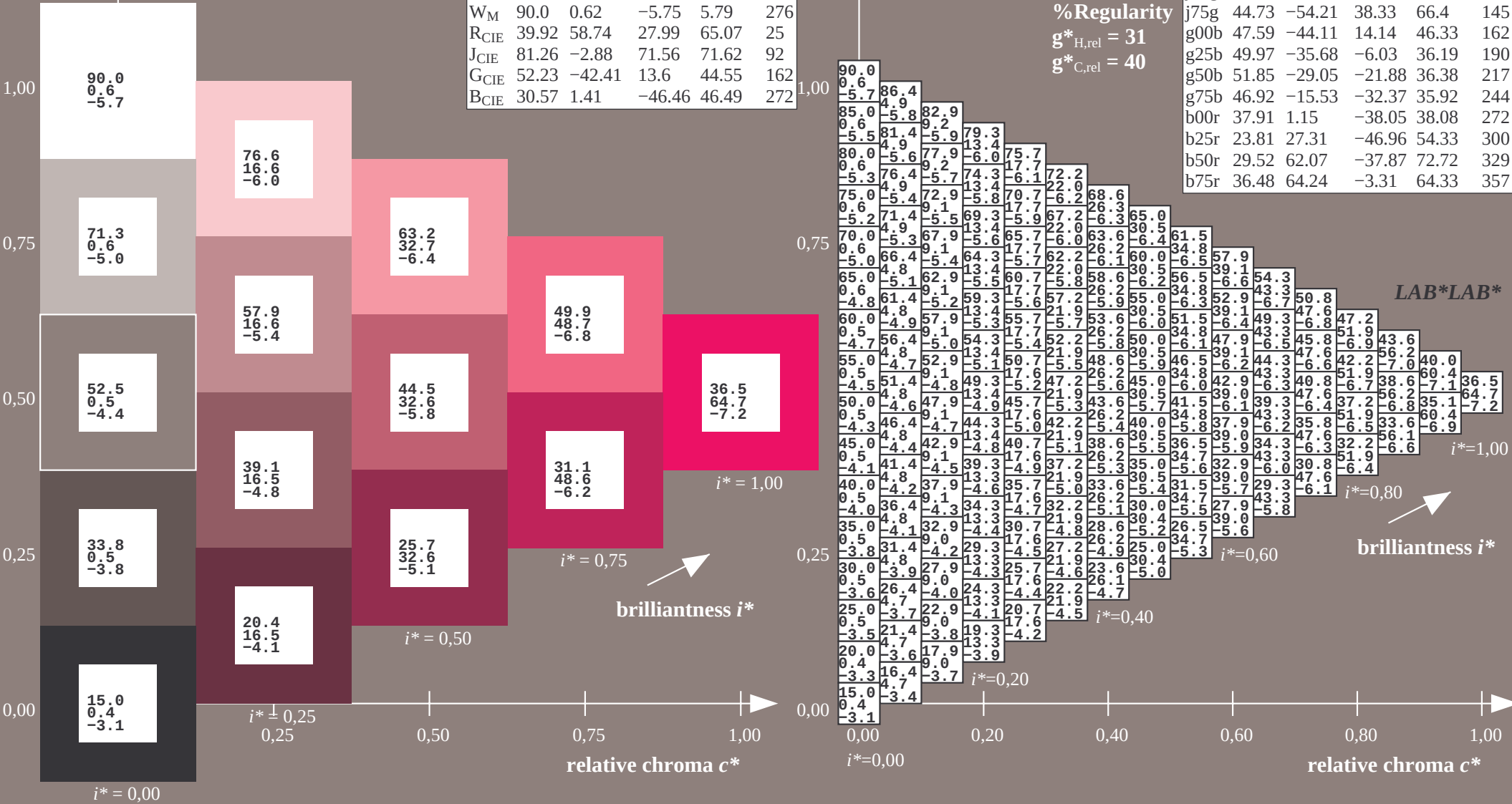
% Gamut

$u^*_{rel} = 88$

% Regularity

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

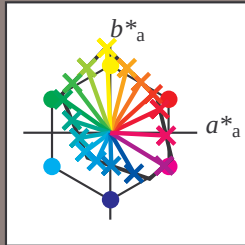
$g^*_{C,rel} = 40$



	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	90.0	83.1	76.3	69.4	62.5	55.7	48.8	41.9	35.1	15.0	15.0	15.0	15.0	
	0.4	-6.5	-12.5	-20.6	-27.6	-34.6	-41.7	-48.7	-55.7	7.2	0.0	-7.1	-14.1	-21.1	-28.2	-35.2	-42.2	-49.2	21.3	9.0	-6.6	-14.7	-21.7	-28.7	-35.7	-42.8	80.6	7.3	14.1	20.8	27.5	34.2	41.0	47.7	54.4	0.4	0.4	0.4	0.4		
	-3.1	2.1	7.4	12.7	18.0	23.3	28.6	33.9	39.1	1.6	8.8	14.1	19.4	24.6	29.9	35.2	40.5	45.8	6.5	13.6	20.7	26.0	31.3	36.6	41.9	47.2	52.5	-5.7	-0.5	4.6	9.8	14.9	20.1	25.3	30.5	35.6	-3.1	-3.1	-3.1	-3.1	
02	14.9	19.7	23.4	27.0	30.6	34.3	37.9	41.6	45.2	17.8	24.4	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	
	6.1	-2.7	-9.8	-16.8	-23.8	-30.9	-37.9	-44.9	-51.9	9.3	0.5	-6.5	-13.5	-20.5	-27.6	-34.6	-41.6	-48.7	16.0	7.2	0.0	-7.0	-14.1	-21.1	-28.1	-35.2	-42.2	-2.6	0.6	7.3	14.0	20.8	27.5	34.2	41.0	47.7	54.4	0.5	0.5	0.5	0.5
	-9.8	-6.9	-1.6	3.6	8.9	14.2	19.5	24.8	30.1	-1.7	-3.5	1.8	7.1	12.3	17.6	22.9	28.2	33.5	-2.1	1.3	8.4	13.7	19.0	24.3	29.6	34.9	40.2	-9.1	-5.3	-0.2	4.9	10.1	15.3	20.4	25.6	30.8	-3.5	-3.5	-3.5	-3.5	
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	33.3	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	
	11.7	2.8	-6.0	-13.0	-20.1	-27.1	-34.1	-41.2	-48.2	21.4	6.1	-2.7	-9.7	-16.8	-23.8	-30.8	-37.9	-44.9	18.1	9.3	0.5	-6.5	-13.5	-20.5	-27.6	-34.6	-41.6	-5.9	-2.6	0.6	7.3	14.0	20.7	27.5	34.2	40.9	0.5	0.5	0.5	0.5	
	-16.4	-13.5	-10.6	-5.3	0.0	5.2	10.5	15.8	21.1	-13.6	10.1	-7.2	-1.9	3.3	8.6	13.9	19.2	24.5	-10.8	-7.3	-3.8	1.4	6.7	12.0	17.3	22.6	27.9	-12.5	-8.8	-5.0	0.1	5.2	10.4	15.6	20.8	25.9	-3.8	-3.8	-3.8	-3.8	
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	33.8	37.4	41.1	44.7	48.4	52.0	20.5	27.1	33.2	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	
	17.4	8.5	-0.3	-9.3	-16.3	-23.3	-30.4	-37.4	-44.4	22.0	11.8	2.8	-6.0	-13.0	-20.0	-27.1	-34.1	-41.2	23.8	14.9	6.1	-2.7	-9.7	-16.8	-23.8	-30.8	-37.8	-9.1	-5.9	-2.6	0.5	7.3	14.0	20.7	27.4	34.2	0.5	0.5	0.5	0.5	
	-23.0	-20.1	-17.3	-14.4	-9.1	-3.8	1.4	6.7	12.0	-20.2	-16.7	-13.8	-10.9	-5.7	-0.4	4.8	10.1	15.4	-17.5	-13.9	-10.4	-7.5	-4.2	3.0	8.3	13.6	18.9	-16.0	-12.2	-8.5	-4.7	0.4	5.5	10.7	15.9	21.1	-4.1	-4.1	-4.1	-4.1	
05	14.6	19.4	24.2	29.0	33.8	37.5	41.1	44.8	48.4	17.5	24.1	28.9	33.7	38.5	42.1	45.8	49.4	53.1	20.4	27.0	33.1	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	
	23.0	14.1	5.2	-3.6	-12.5	-19.6	-26.6	-33.6	-40.6	26.2	17.4	8.5	-0.3	-9.2	-16.3	-23.3	-30.3	-37.2	42.9	20.6	11.8	2.9	-5.9	-13.0	-20.0	-27.0	-34.1	-12.4	-9.2	-5.9	-2.6	0.5	7.2	14.0	20.7	27.4	0.5	0.5	0.5	0.5	
	-29.6	-26.8	-23.9	-21.0	-18.1	-12.8	-7.6	-2.2	3.0	-26.9	-23.3	-20.5	-17.6	-14.7	-9.4	-4.1	1.1	6.4	-24.1	-20.6	-17.0	-14.1	-11.3	-8.0	-0.7	4.5	9.8	-19.4	-15.6	-11.9	-8.1	-4.4	0.7	5.9	11.0	16.2	-4.4	-4.4	-4.4	-4.4	
06	14.5	19.3	24.1	28.9	33.7	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	
	28.7	19.8	10.9	1.9	-6.9	-15.8	-22.8	-29.8	-36.9	31.9	23.1	14.1	5.2	-3.6	-12.5	-19.5	-26.6	-33.6	35.1	26.3	17.4	8.5	-0.3	-9.2	-16.2	-23.3	-30.3	-15.7	-12.5	-9.2	-5.9	-2.7	0.5	7.2	13.9	20.7	0.5	0.5	0.5	0.5	
	-36.3	-33.4	-30.5	-27.6	-24.8	-21.9	-16.6	-11.3	-6.0	-33.5	-30.0	-27.1	-24.2	-21.3	-18.5	-15.2	-12.0	-8.7	-30.7	-27.2	-23.8	-20.8	-17.9	-15.0	-9.7	-4.4	0.8	-22.8	-19.1	-15.3	-11.6	-7.8	-4.1	1.0	6.2	11.3	-4.7	-4.7	-4.7	-4.7	
07	14.4	19.2	24.0	28.8	33.6	38.4	43.2	46.9	50.5	17.5	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	
	34.3	25.4	16.5	7.6	-1.2	-10.1	-19.0	-26.9	-33.7	13.7	5.8	19.8	10.9	2.0	-6.8	-15.8	-22.8	-29.8	40.7	31.9	23.1	14.2	5.3	-3.6	-12.5	-19.5	-26.5	-19.0	-15.7	-12.5	-9.2	-5.9	-2.7	0.5	7.2	13.9	0.6	0.6	0.6	0.6	
	-42.9	-40.0	-37.2	-34.3	-31.4	-28.5	-25.6	-20.3	-15.0	-40.0	-36.6	-33.7	-30.8	-28.0	-25.1	-22.2	-16.9	-11.6	-37.4	-33.8	-30.3	-27.4	-24.5	-21.6	-18.8	-13.5	-8.2	-26.3	-22.5	-18.8	-15.0	-11.3	-7.5	-3.8	1.3	6.5	-5.0	-5.0	-5.0	-5.0	
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	47.6	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	
	40.0	31.1	22.2	13.3	4.3	-4.5	-13.4	-22.3	-29.3	34.3	24.4	25.4	16.5	7.6	-1.2	-10.1	-19.0	-26.0	46.4	37.6	28.7	19.8	10.9	2.0	-6.8	-15.7	-22.8	-22.3	-19.0	-15.8	-12.5	-9.2	-6.0	-2.7	0.5	7.2	0.6	0.6	0.6	0.6	
	-49.5	-46.7	-43.8	-40.9	-38.0	-35.1	-32.3	-29.4	-24.1	-46.8	-43.2	-40.3	-36.5	-34.6	-31.7	-28.8	-26.0	-20.7	-44.0	-40.5	-36.9	-34.0	-31.2	-28.3	-25.4	-22.5	-17.2	-29.7	-26.0	-22.2	-18.5	-14.7	-10.9	-7.2	-3.5	1.6	-5.3	-5.3	-5.3	-5.3	
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	
	45.6	36.7	27.8	18.9	10.0	1.1	-7.7	-16.7	-25.6	48.8	40.0	31.1	22.2	13.3	4.4	-4.5	-13.4	-22.3	52.0	43.2	34.4	25.5	16.6	7.6	-1.2	-10.1	-19.0	-25.6	-22.3	-19.0	-15.8	-12.5	-9.3	-6.0	-2.7	0.4	0.6	0.6	0.6	0.6	
	-56.2	-53.3	-50.4	-47.5	-44.7	-41.8	-38.9	-36.0	-33.1	-53.4	-49.8	-47.0	-44.1	-41.2	-38.3	-35.5	-32.6	-29.7	-50.6	-47.1	-43.5	-40.7	-37.8	-34.9	-32.0	-29.1	-26.3	-33.1	-29.4	-25.6	-21.9	-18.1	-14.4	-10.6	-6.9	-3.1	-5.7	-5.7	-5.7	-5.7	
10	22.5	28.6	34.7	40.8	44.4	48.1	51.7	55.4	59.0	25.0	31.1	37.2	43.3	49.4	53.0	56.7	60.3	63.9	27.5	33.6	39.7	45.8	51.9	58.0	61.6	65.3	68.9	90.0	89.2	88.4	87.7	86.9	86.1	85.3	84.5	83.8	15.0	15.0	15.0	15.0	
	20.7	13.4	6.1	-1.1	-8.2	-15.2	-22.2	-29.3	-36.3	32.7	24.0	12.8	5.3	-1.7	-8.7	-15.8	-22.8	-29.8	34.2	26.9	19.6	12.2	4.9	-2.3	-9.3	-16.3	-23.4	49.6	0.0	-0.4	-1.0	-1.6	-2.2	-2.8	-3.4	-3.9	0.4	0.4	0.4	0.4	
	11.3	18.5	25.6	32.7	38.0	43.3	48.6	53.9	59.2	16.2	23.3	30.5	37.6	44.7	50.0	55.3	60.6	65.9	21.1	28.2	35.3	42.5	49.6	56.7	62.0	67.3	72.6	-5.7	6.5	18.9	31.2	43.5	55.8	68.1	80.4	92.7	-3.1	-3.1	-3.1	-3.1	
11	22.8	29.4	35.5	41.6	45.2	48.8	52.5	56.1	59.8	25.3	31.9	38.0	44.1	50.2	53.8	57.4	61.1	64.7	27.8	34.4	40.5	46.6	52.7	58.8	62.4	66.0	69.7	80.5	80.6	79.8	79.1	78.3	77.5	76.7	76.0	75.2	20.0	20.0	20.0	20.0	
	12.8	13.9	6.6	-0.6	-7.6	-14.6	-21.7	-28.7	-35.7	72.9	5.0	13.4	6.1	-1.1	-8.2	-15.2	-22.2	-29.2	33.6	27.4	20.1	12.8	5.5	-1.7	-8.7	-15.7	-22.8	66.2	0.6	0.0	-0.5	-1.1	-1.6	-2.2	-2.8	-3.4	0.4	0.4	0.4	0.4	
	2.6	6.2	13.3	20.4	25.7	31.0	36.3	41.6	46.9	9.5	11.0	18.2	25.3	32.4	37.7	43.0	48.3	53.6	12.4	15.9	23.0	30.2	37.3	44.4	49.7	55.0	60.3	-12.0	-5.3	6.9	19.2	31.5	43.8	56.1	68.4	80.7	-3.3	-3.3	-3.3	-3.3	
12	23.1	29.7	36.3	42.3	46.0	49.6	53.3	56.9	60.5	25.6	32.2	38.8	44.9	50.9	54.6	58.2	61.9	65.5	28.1	34.7	41.3	47.4	53.4	59.5	63.2	66.8	70.5	71.0	71.1	71.3	70.5	69.7									

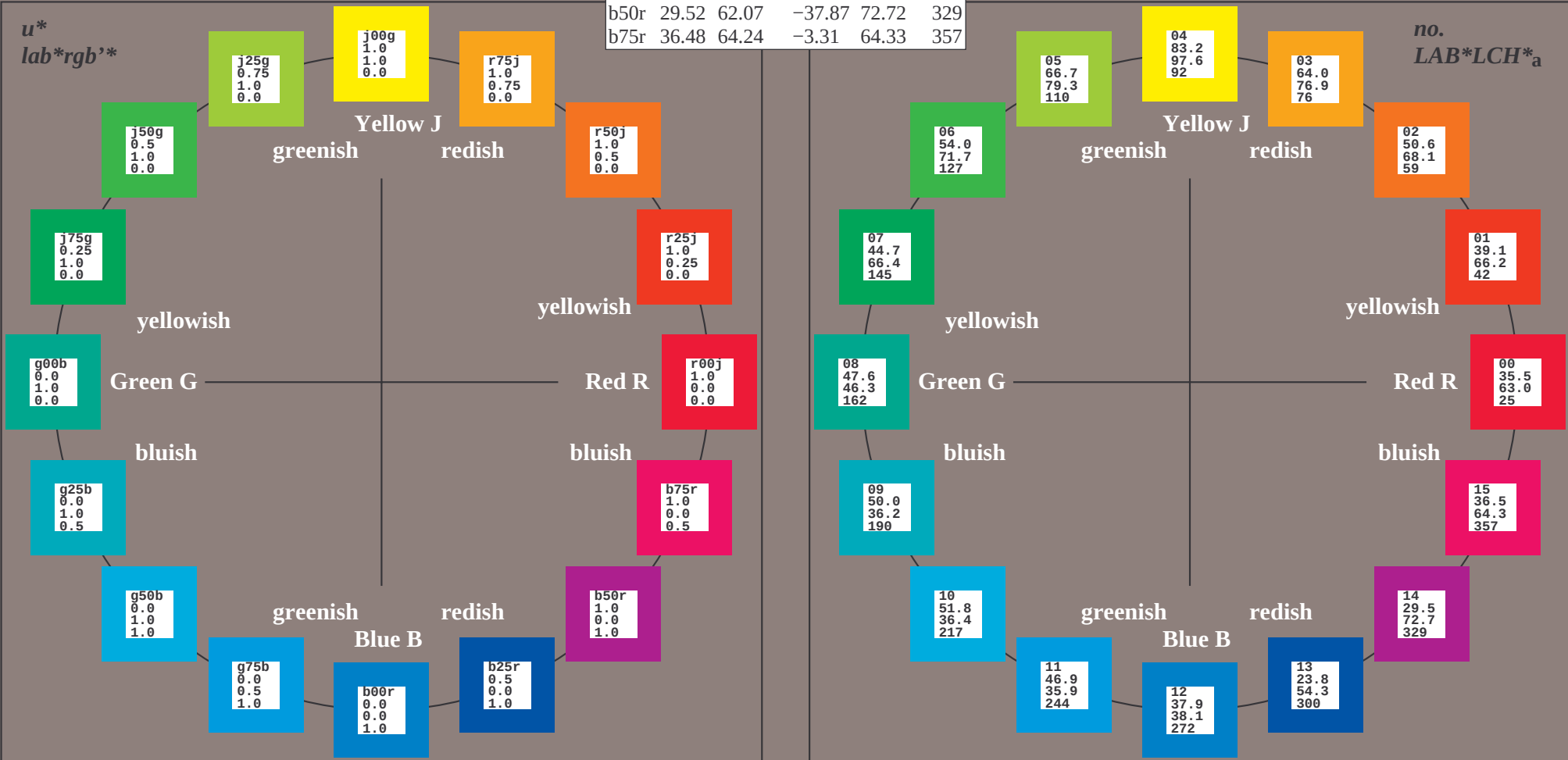
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
 $lab*_{tch*}$ and $lab*_{icu*}$
elementary hue text:
 $u^* = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.9$

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



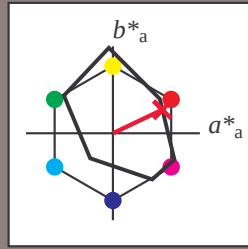
%Gamut
 $u^*_{rel} = 88$
%Regularity
 $g^*_{H,rel} = 31$
 $g^*_{C,rel} = 40$

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^*



	$L^*=L^*$	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

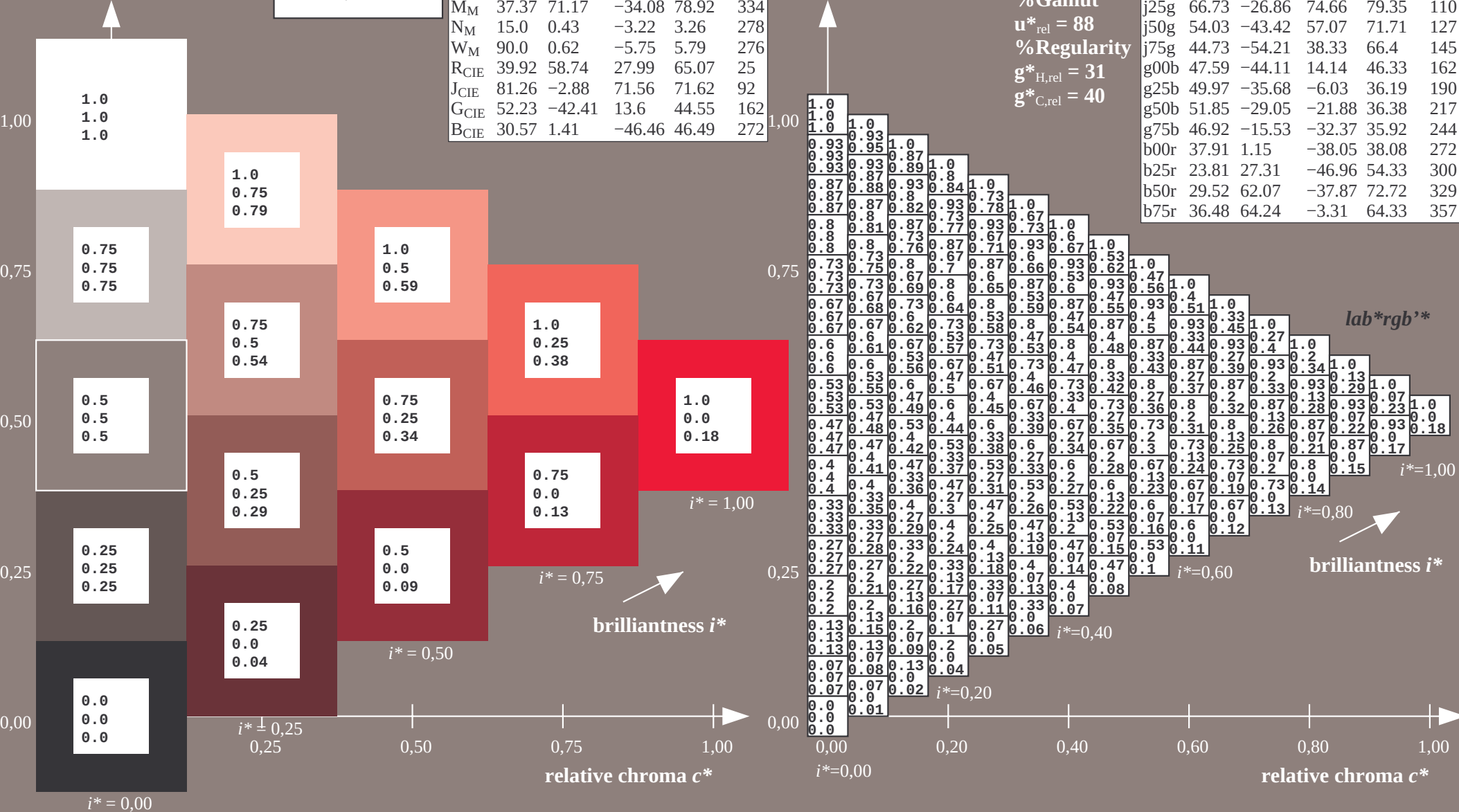
$u^*_{rel} = 88$

%Regularity

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

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

	$L^*=L^*_a$	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^*

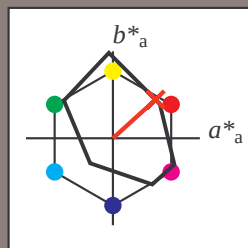
elementary hue text:

$u^* = r25j$

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

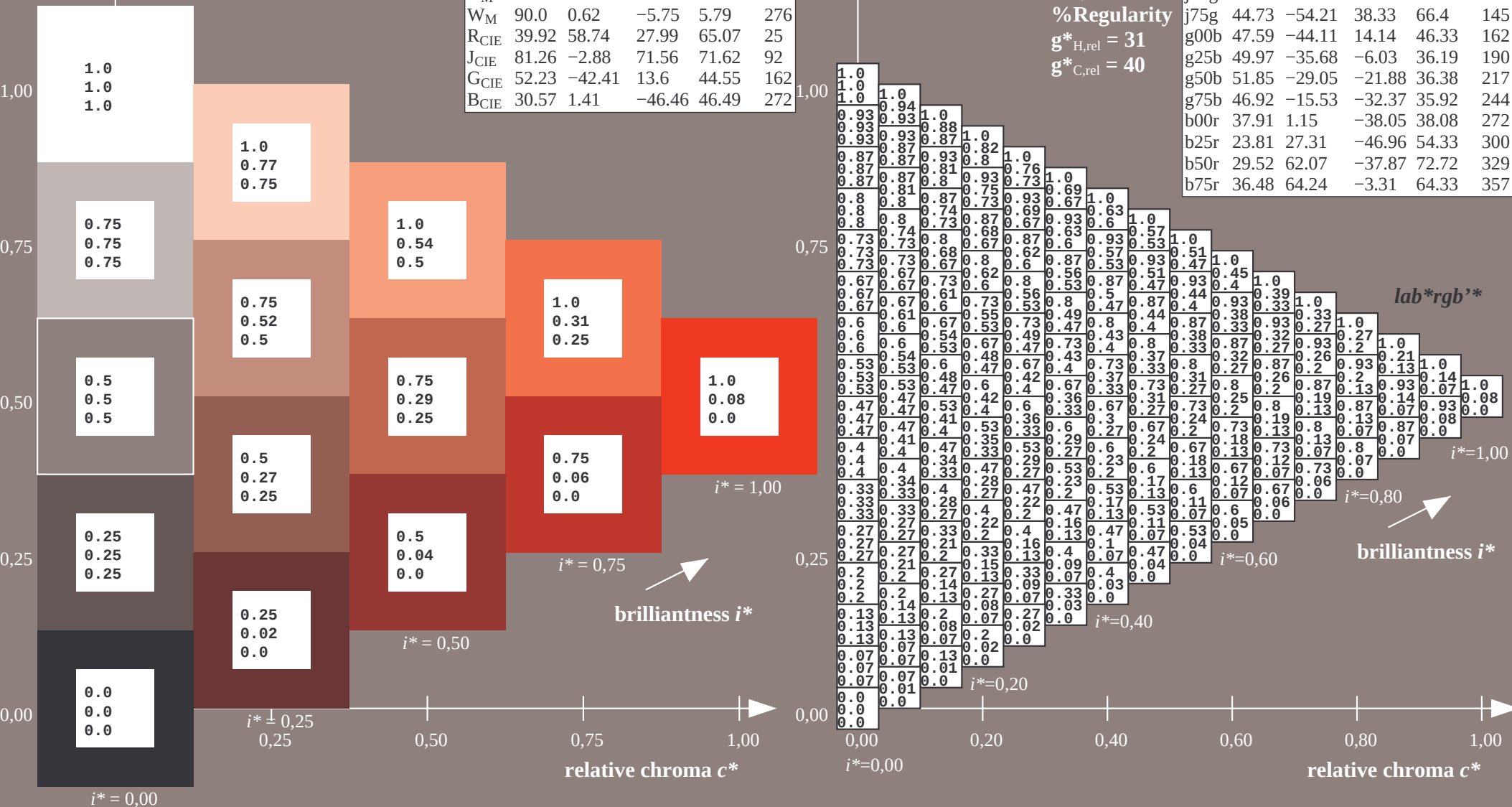
$u^*_{rel} = 88$

%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 $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

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

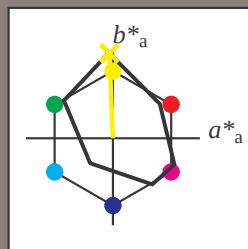
elementary hue text:

$u^* = j00g$

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

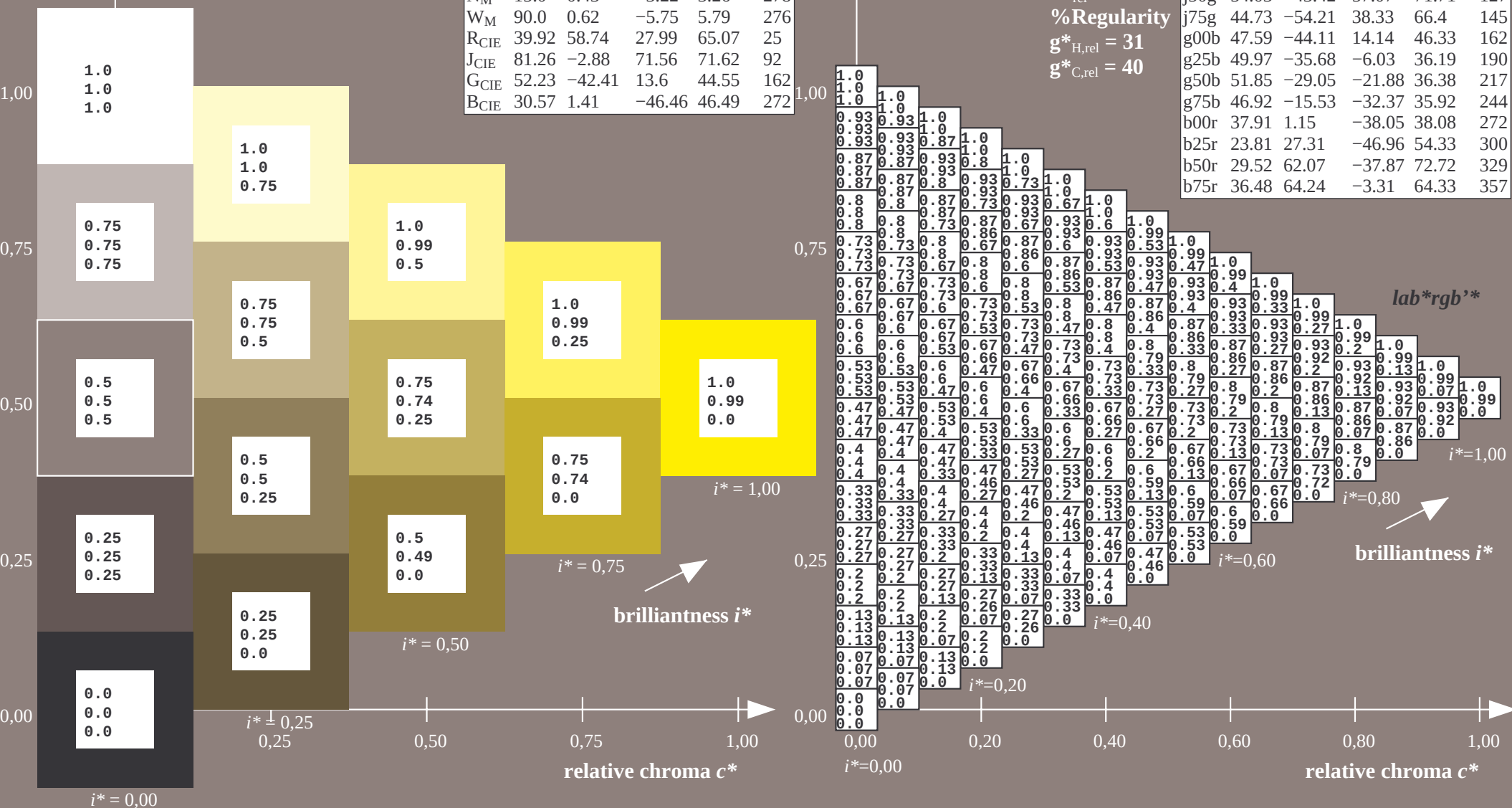
$u^*_{rel} = 88$

%Regularity

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

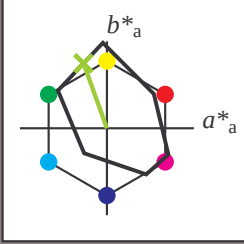
$g^*_{C,rel} = 40$

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

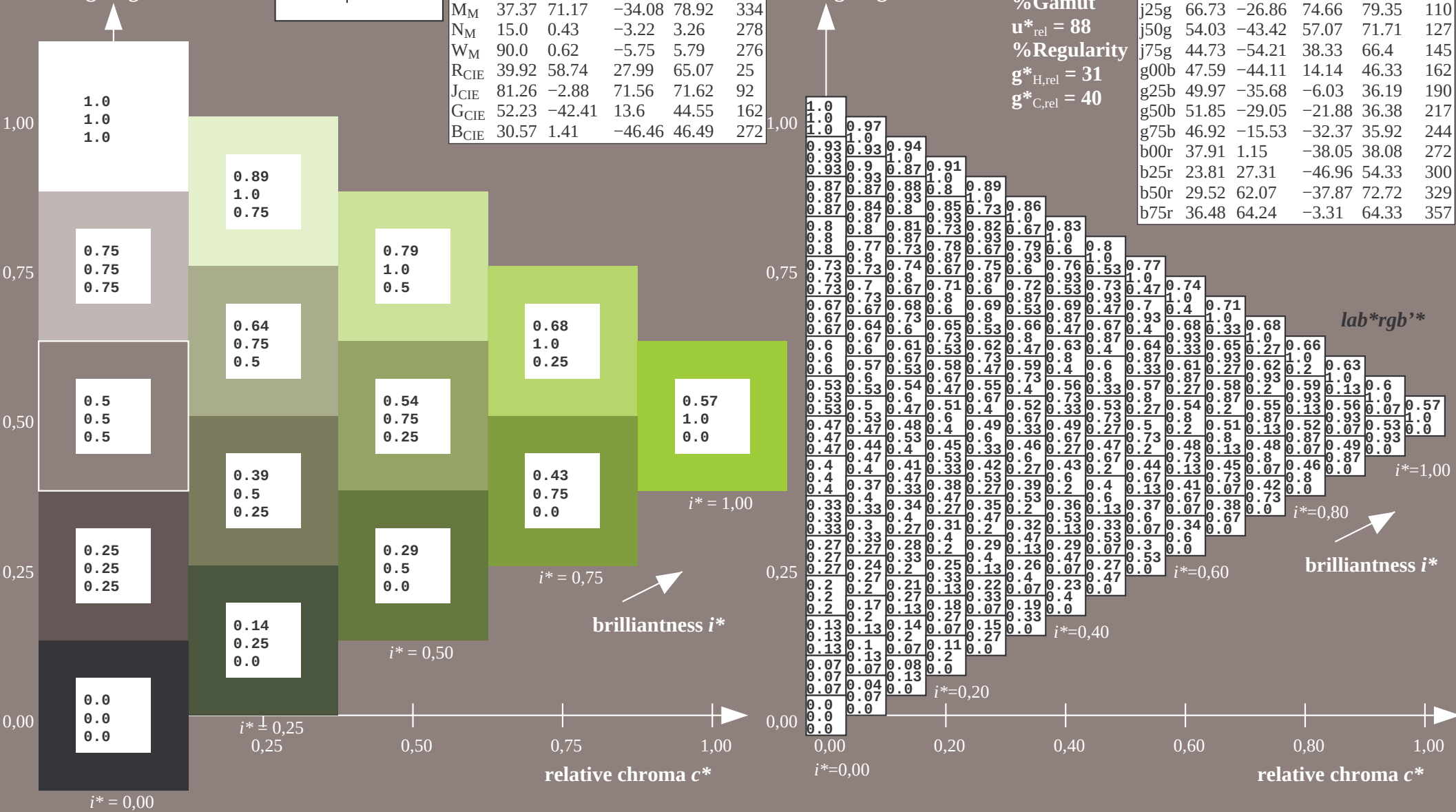
$u^*_{rel} = 88$

%Regularity

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

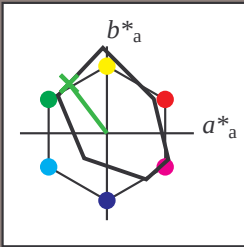
$g^*_{C,rel} = 40$

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

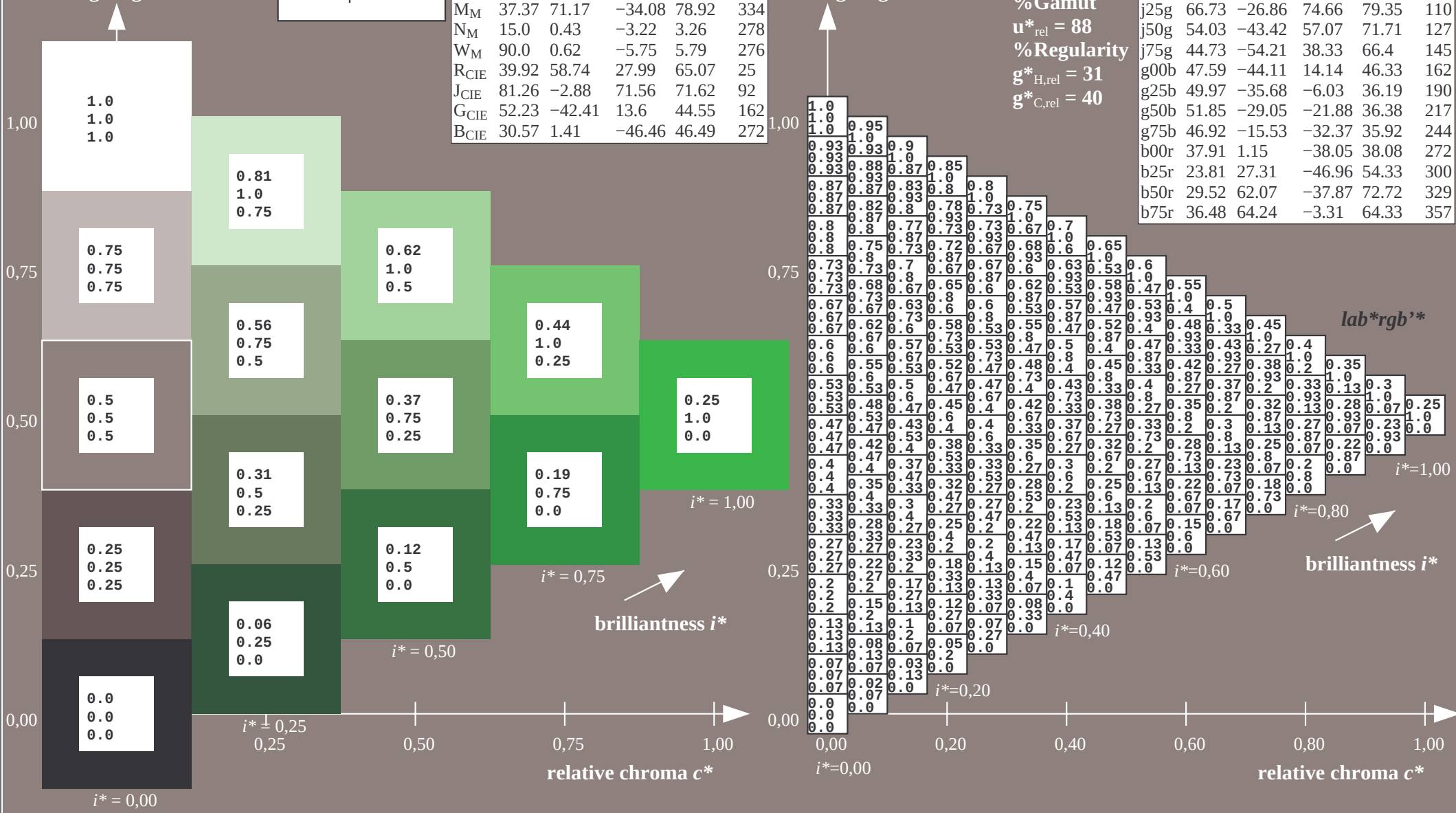
$u^*_{rel} = 88$

%Regularity

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

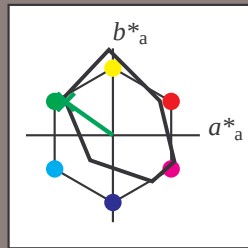
$g^*_{C,rel} = 40$

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^*



	$L^*=L^*$	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

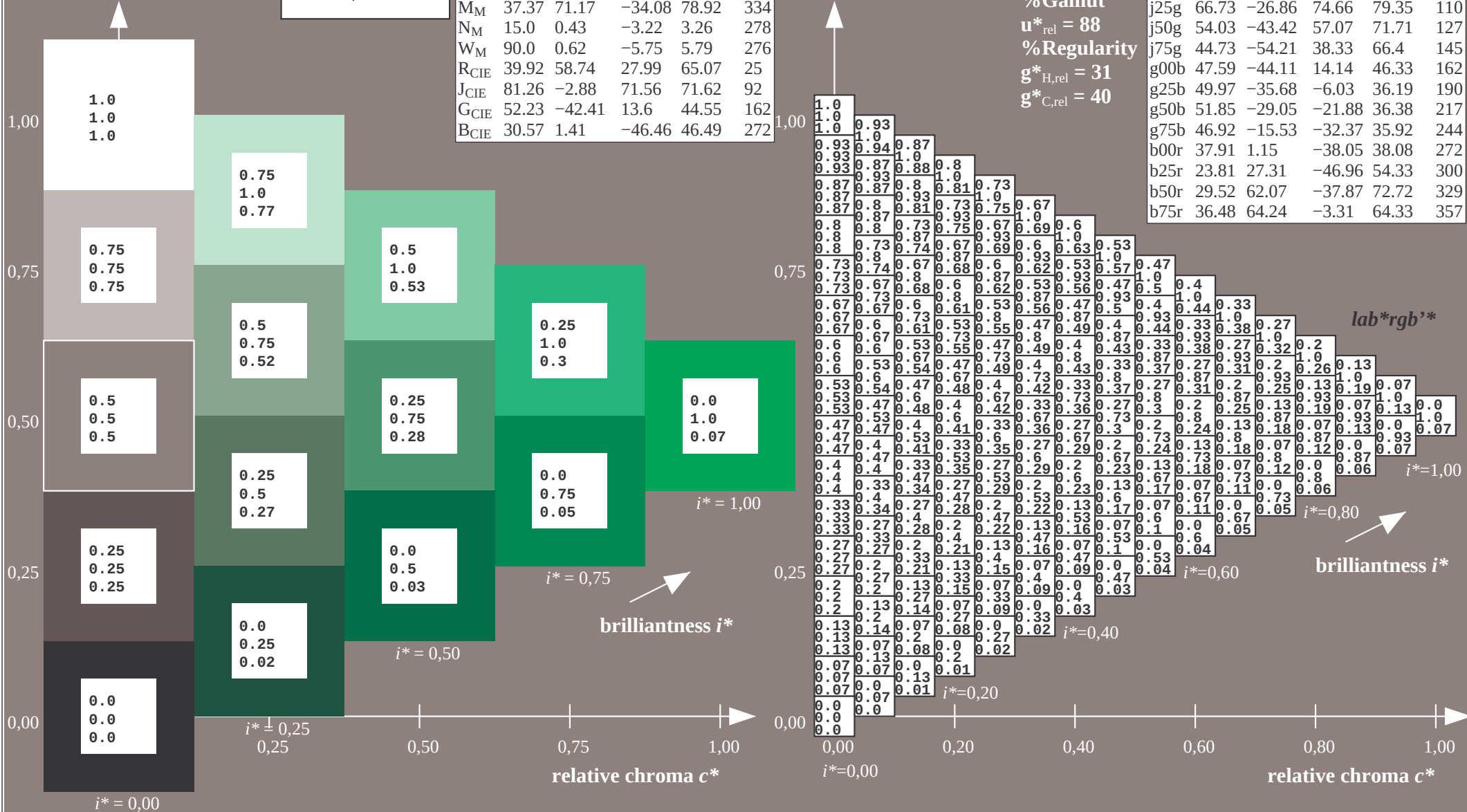
$u^*_{rel} = 88$

%Regularity

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

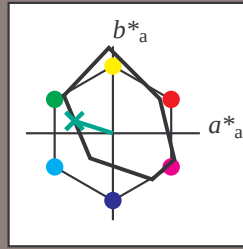
$g^*_{C,rel} = 40$

	$L^*=L^*_a$	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^*



	$L^*=L^*$	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

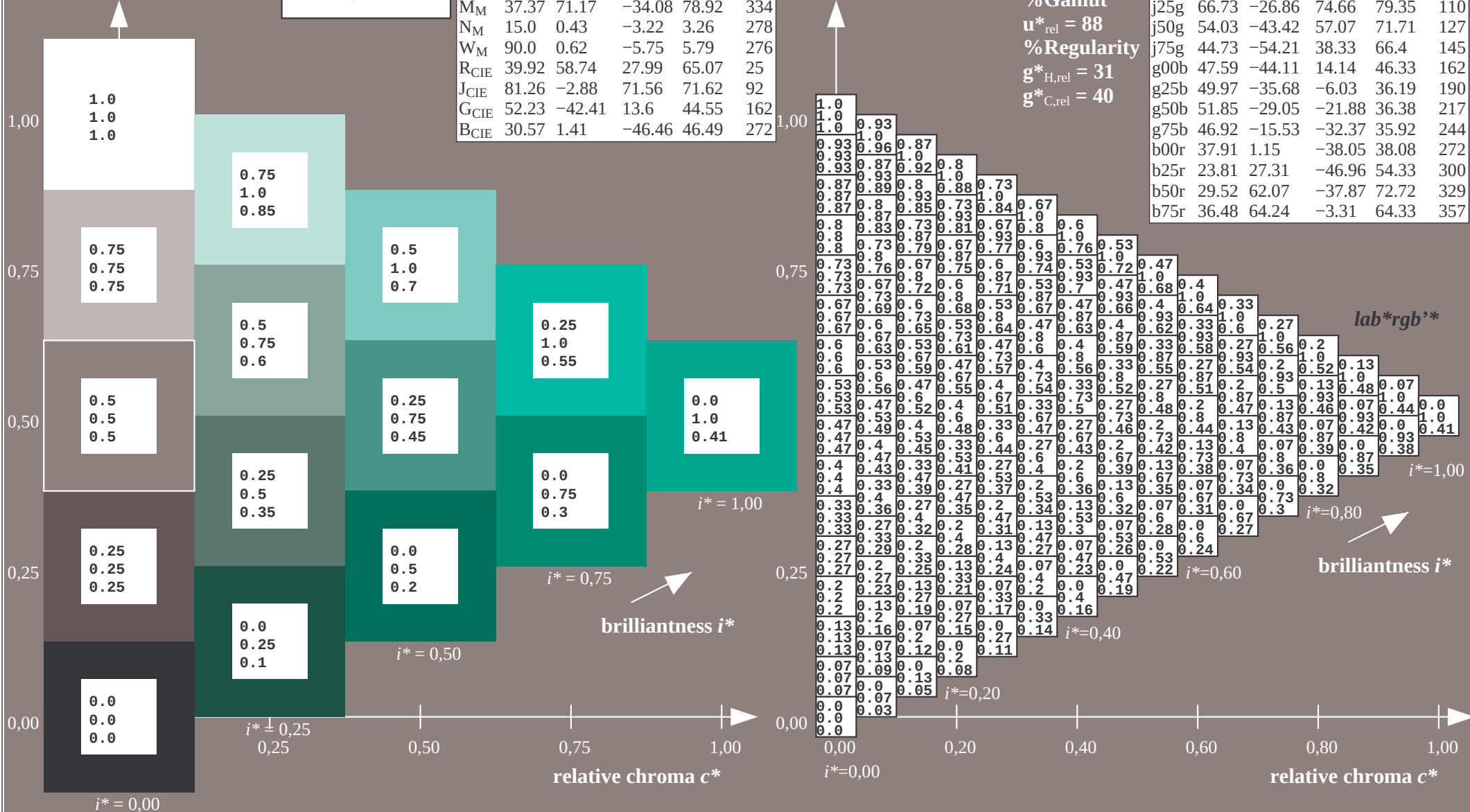
$u^*_{rel} = 88$

%Regularity

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

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

	$L^*=L^*_a$	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:

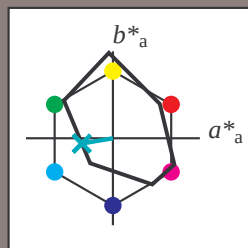
lab^*ich^* and lab^*icu^*
 elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



	$L^*=L^*$	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

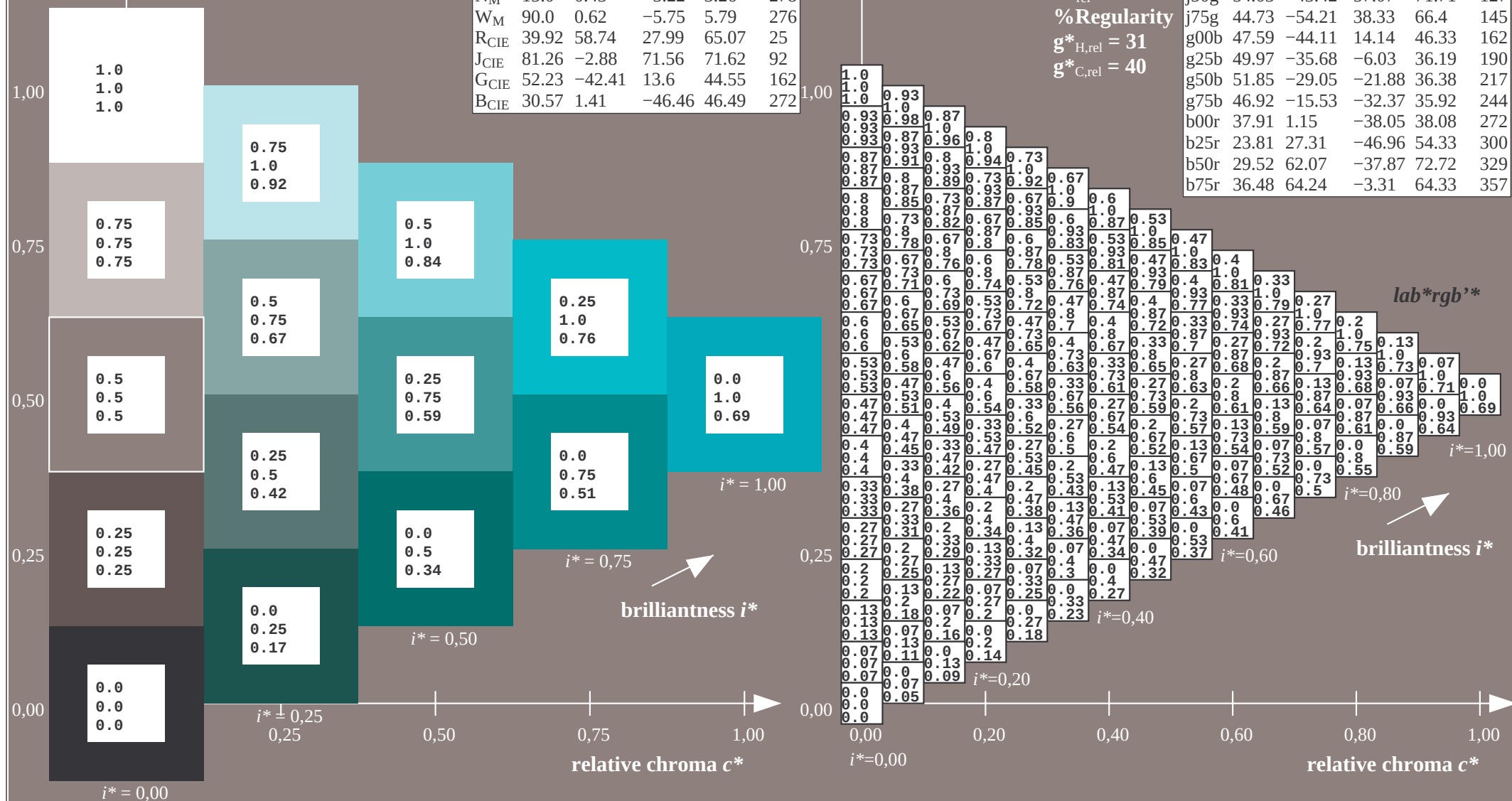
$u^*_{rel} = 88$

%Regularity

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

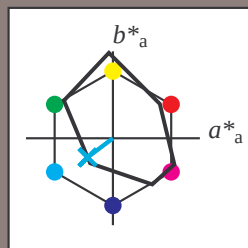
$g^*_{C,rel} = 40$

	$L^*=L^*_a$	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^*



	$L^*=L^*$	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

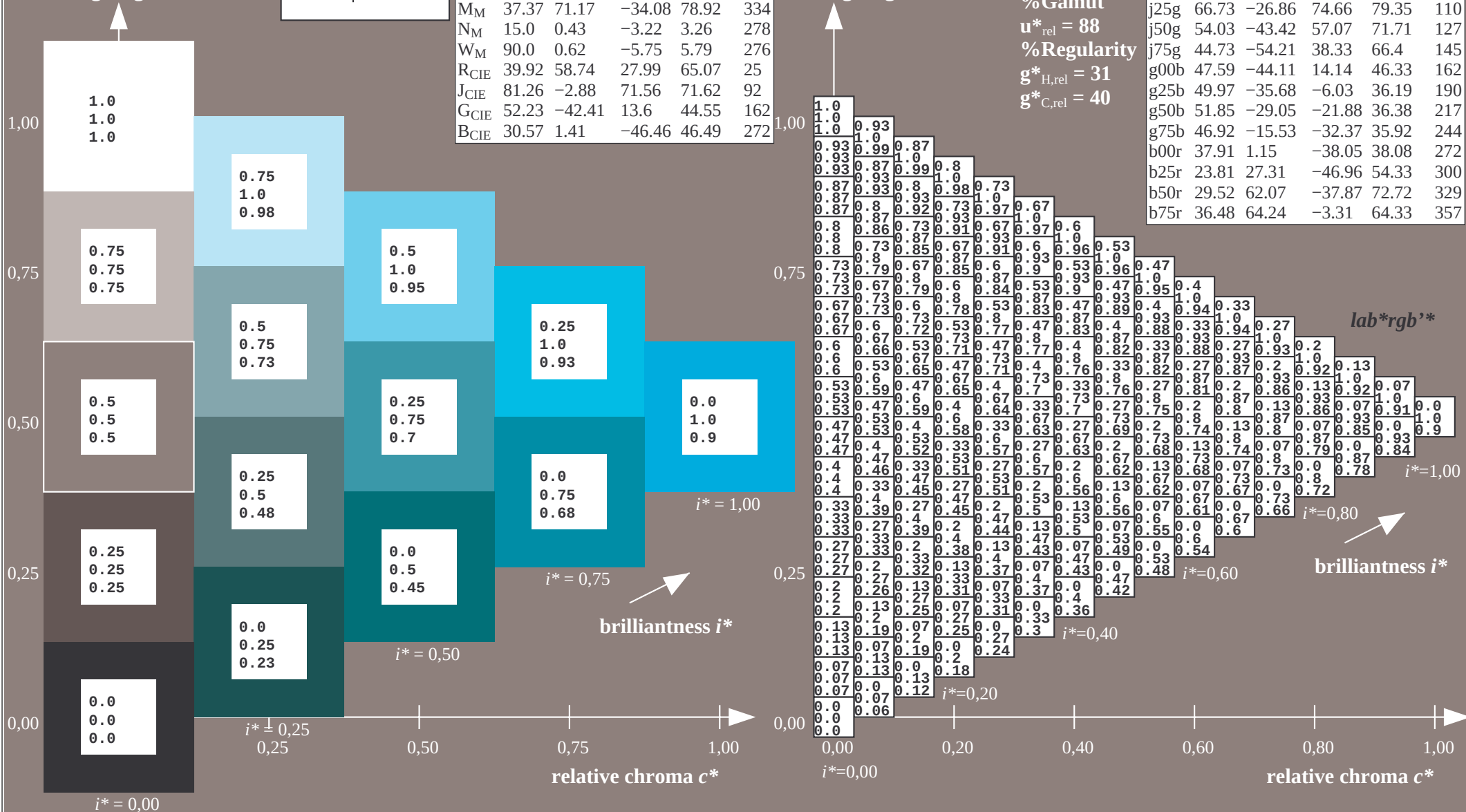
$u^*_{rel} = 88$

%Regularity

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

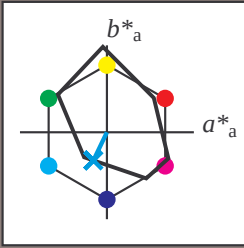
$g^*_{C,rel} = 40$

	$L^*=L^*_a$	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 $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$ $u^* = g75b$
 lab^*rgb^*
data for any colour:

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



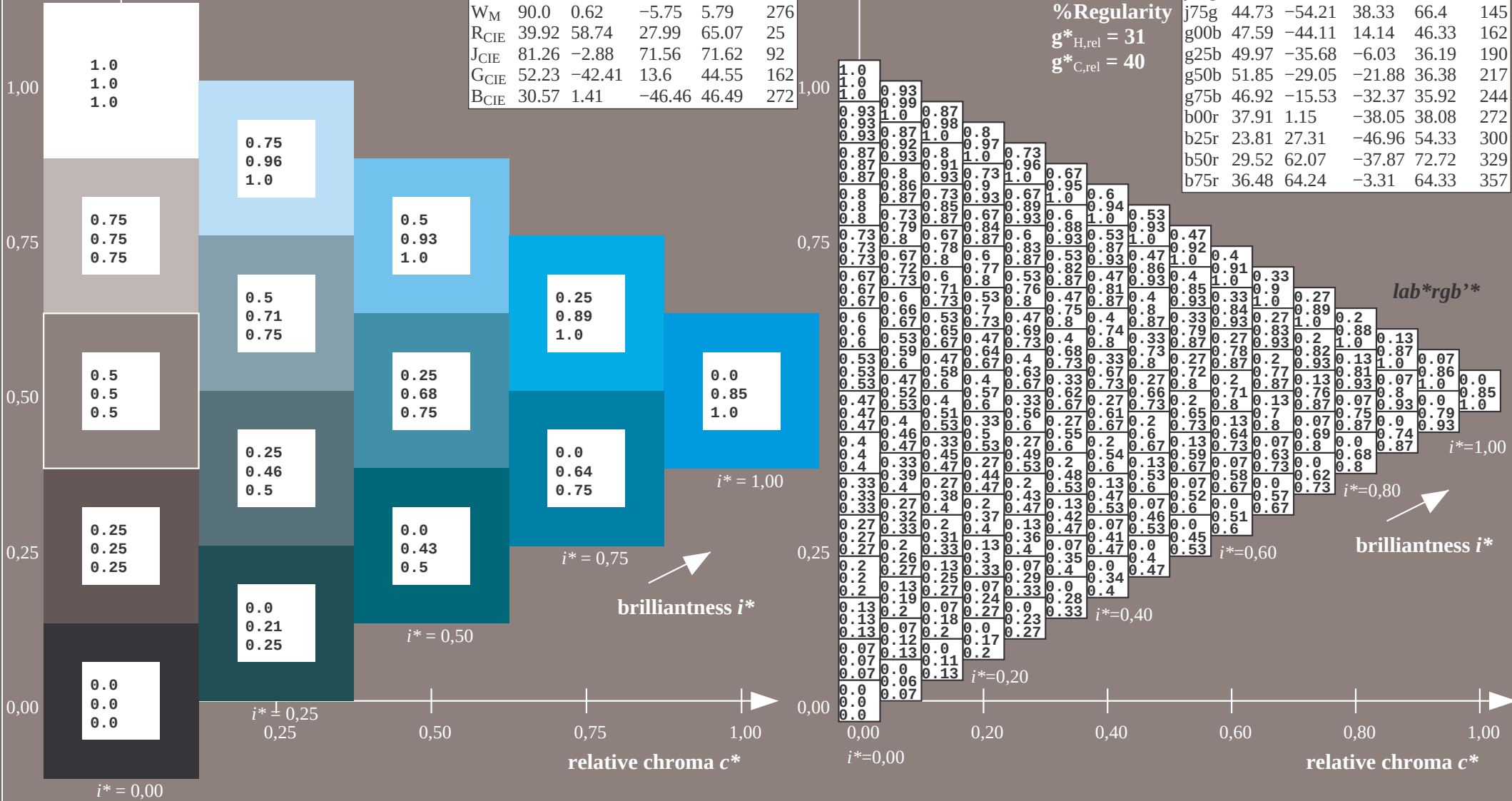
FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	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):

$LAB^*LAB^*Ma: 47 \ -15 \ -31$
 $LAB^*LCH^*Ma: 47 \ 36 \ 244$
 $lab^*rgb^*Ma: 0.0 \ 0.5 \ 1.0$
 $lab^*olv^*Ma: 0.0 \ 0.85 \ 1.0$

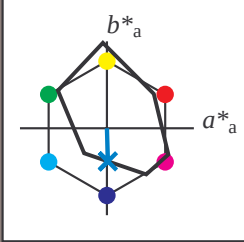
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	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 $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$
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

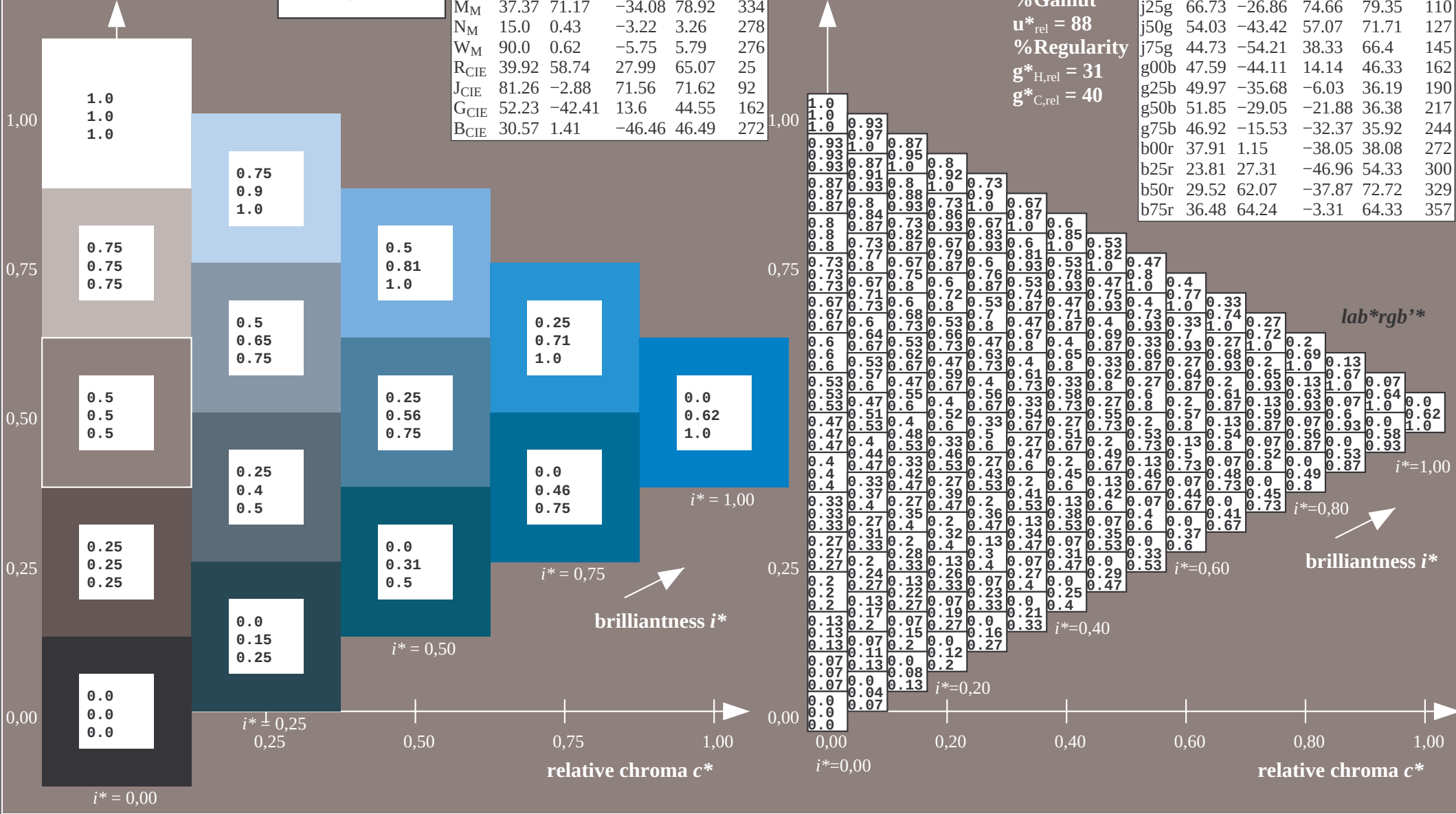
$u^*_{rel} = 88$

%Regularity

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

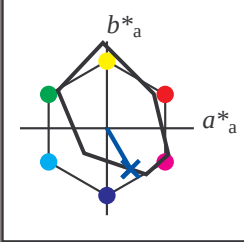
$g^*_{C,rel} = 40$

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



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; 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 : 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

triangle lightness t^*

% Gamut

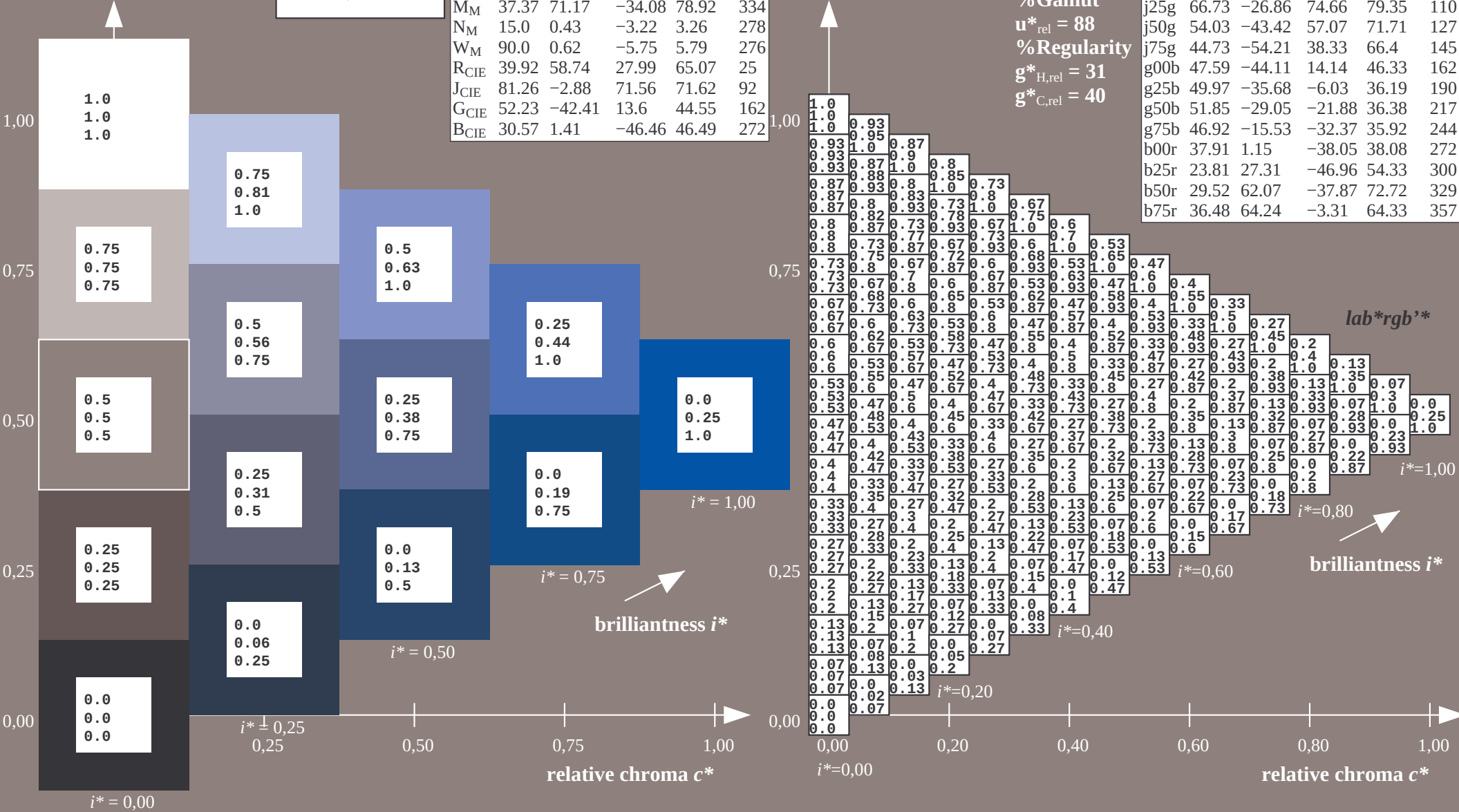
$u^*_{rel} = 88$

% Regularity

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

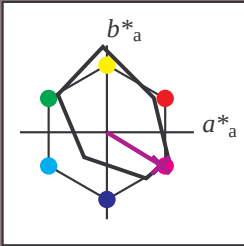
$g^*_{C,rel} = 40$

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 $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$ $u^* = b50r$
 lab^*rgb^*
data for any colour:

lab^*tch^* and lab^*icu^*
elementary hue text:
 $u^* = b50r$
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):

$LAB^*LAB^*_Ma: 30\ 62\ -37$
 $LAB^*LCH^*_Ma: 30\ 73\ 329$
 $lab^*rgb^*_Ma: 1.0\ 0.0\ 1.0$
 $lab^*olv^*_Ma: 0.66\ 0.0\ 1.0$

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

triangle lightness t^*

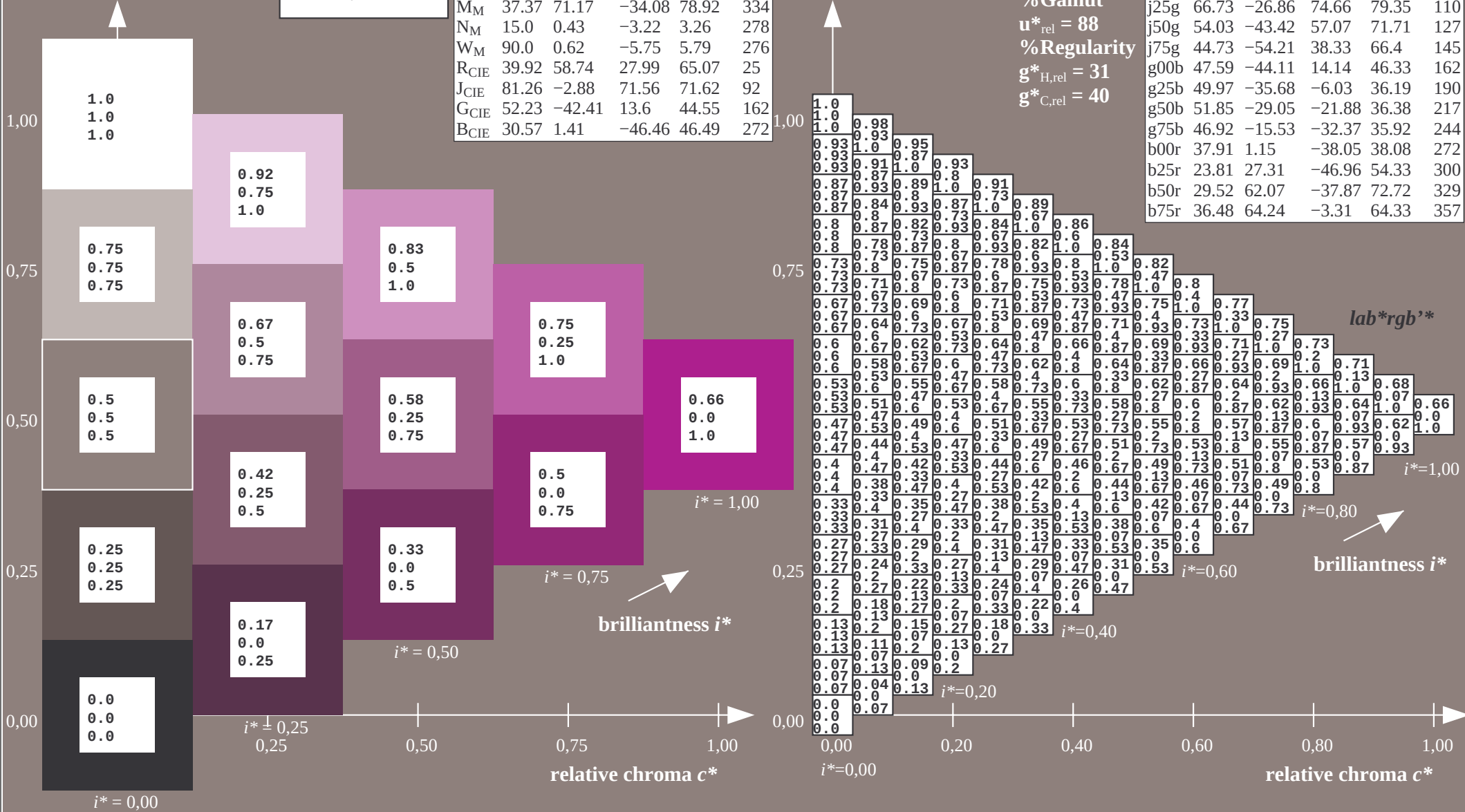
%Gamut

$u^*_{rel} = 88$

%Regularity

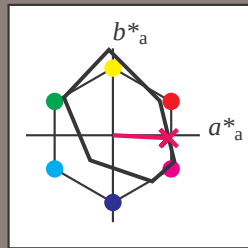
$g^*_{H,rel} = 31$

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



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

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



	$L^*=L^*$	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):

$LAB^*LAB^*Ma: 36 \ 64 \ -2$
 $LAB^*LCH^*Ma: 36 \ 64 \ 357$
 $lab^*rgb^*Ma: 1.0 \ 0.0 \ 0.5$
 $lab^*olv^*Ma: 1.0 \ 0.0 \ 0.62$

triangle lightness t^*

%Gamut

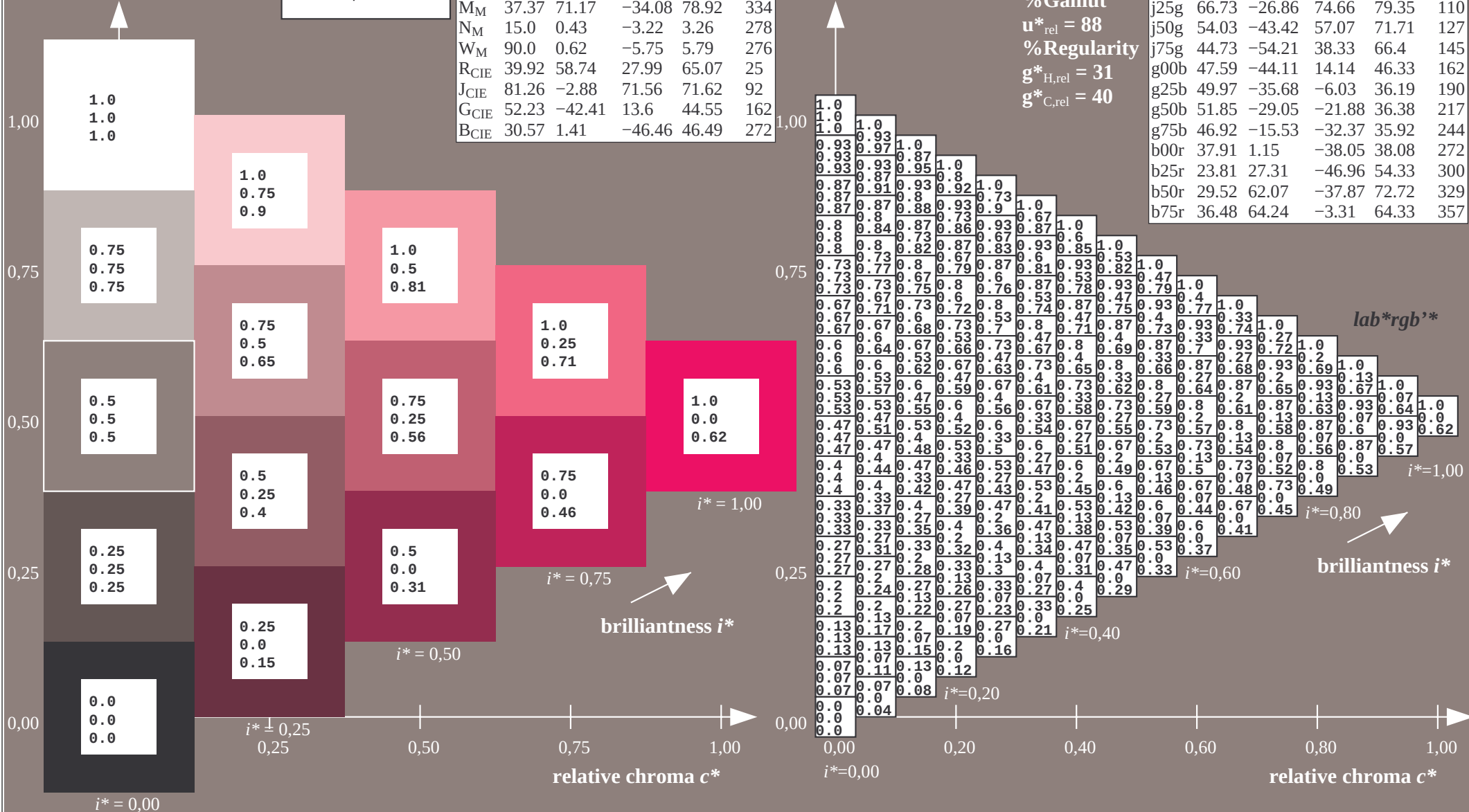
$u^*_{rel} = 88$

%Regularity

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

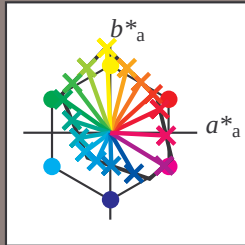
$g^*_{C,rel} = 40$

	$L^*=L^*_a$	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



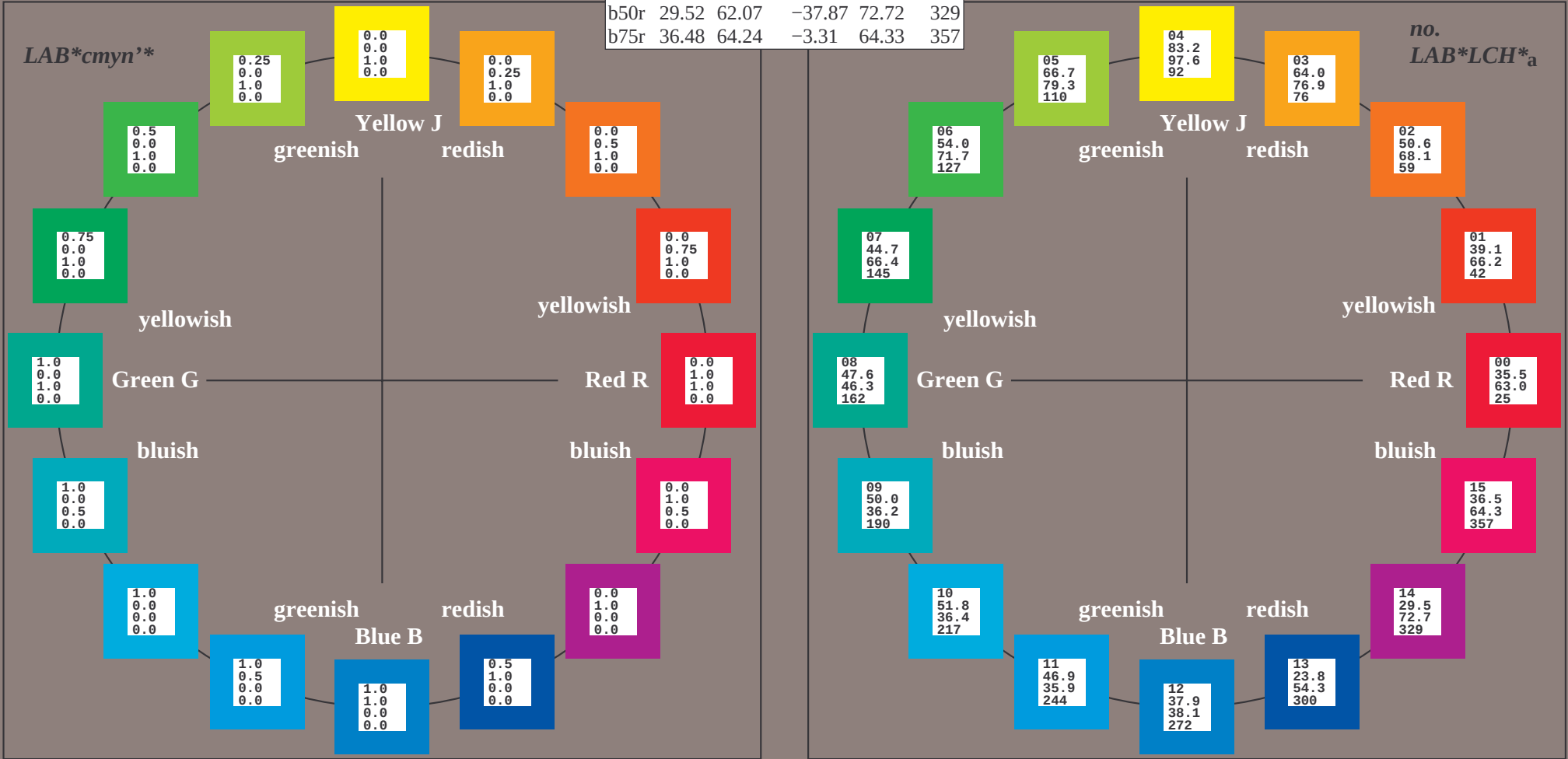
Input and output:
Colorimetric Printer Reflective System FRS15_90aM
data for any colour:
 $lab*_{tch*}$ and $lab*_{icu*}$
elementary hue text:
 $u^* = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.9$

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; 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^*

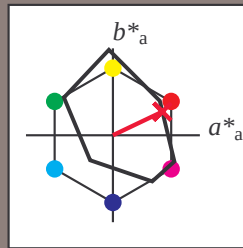
elementary hue text:

$u^* = r00j$

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

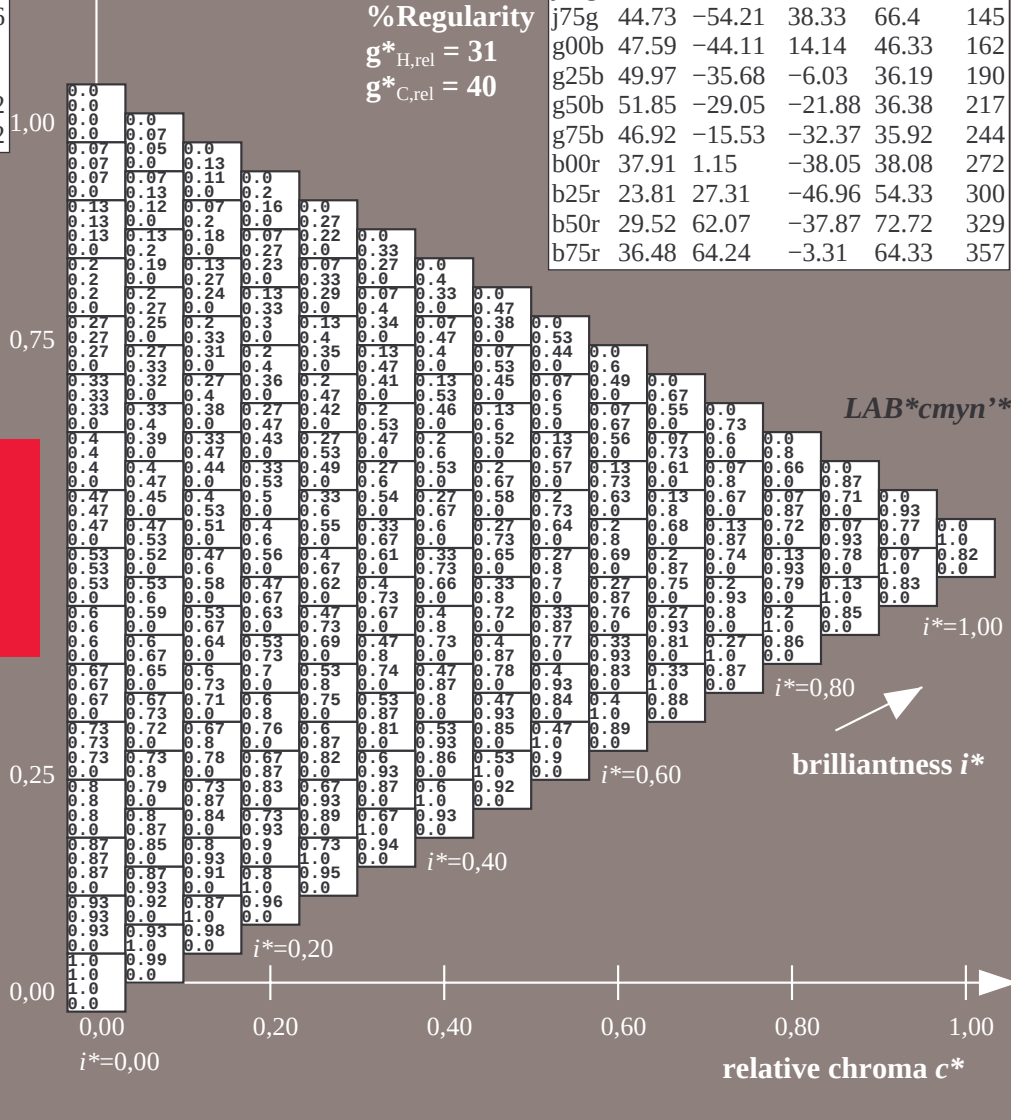
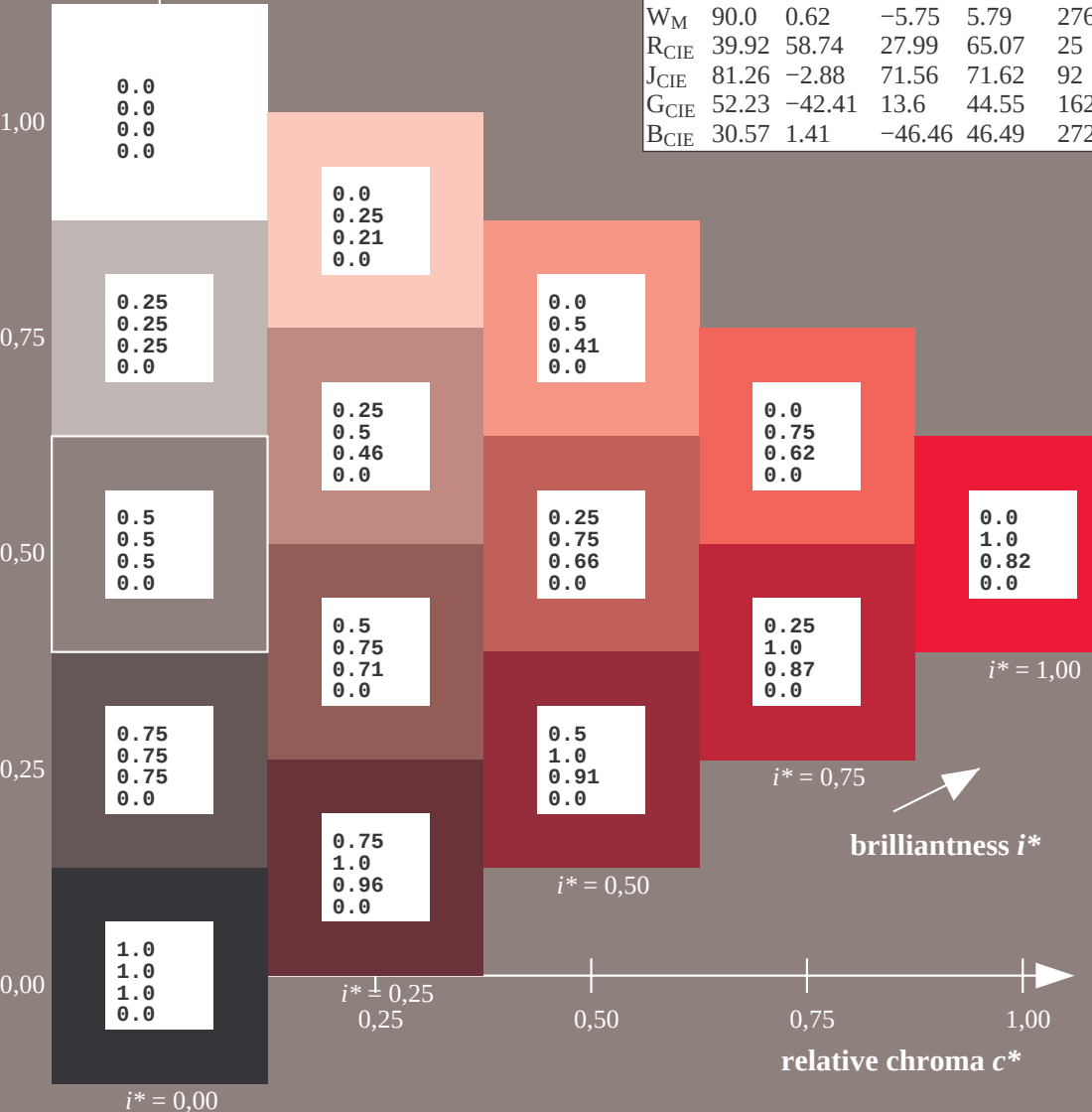
$u^*_{rel} = 88$

%Regularity

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

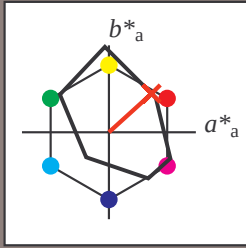
$g^*_{C,rel} = 40$

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^*



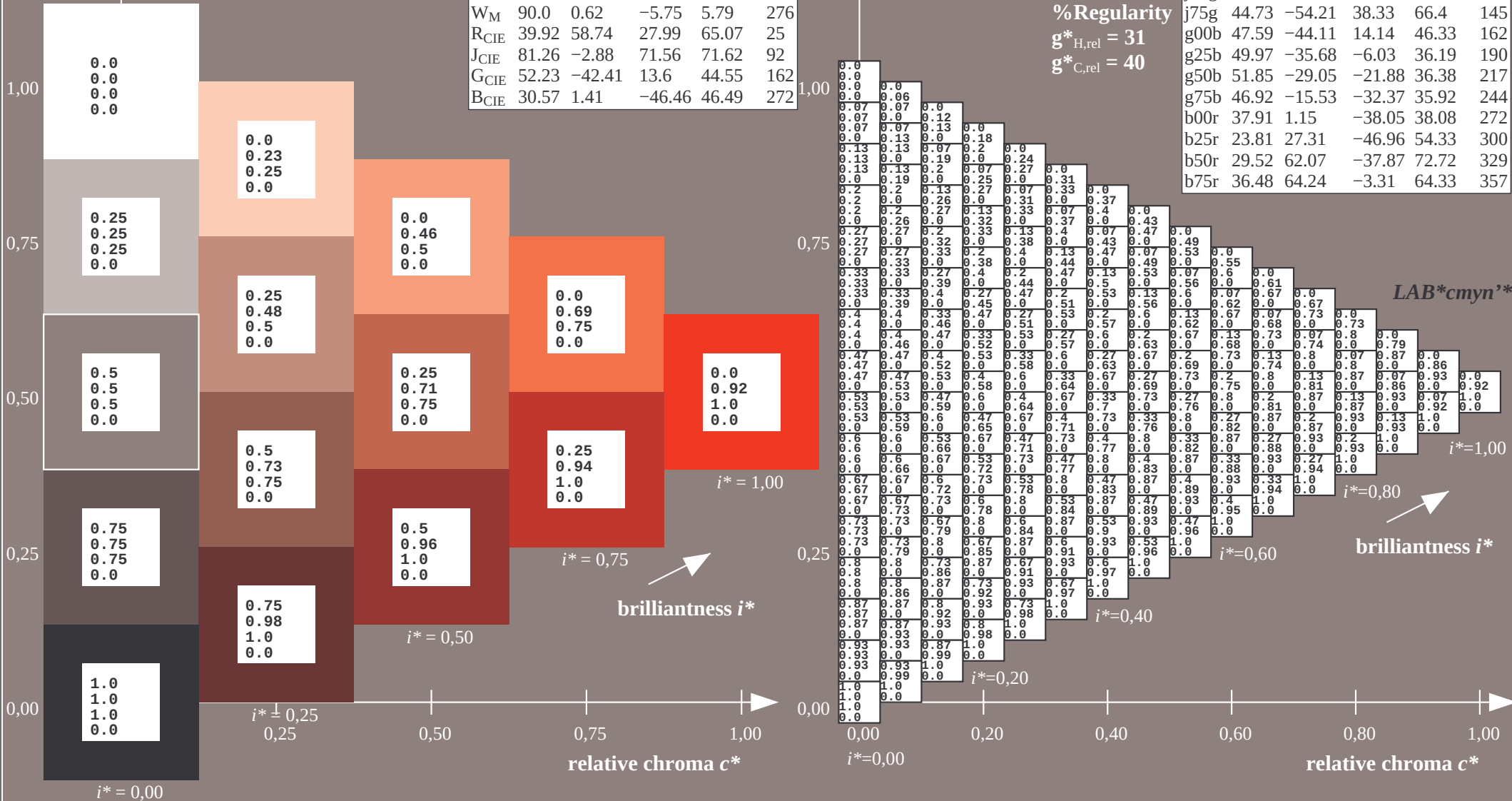
FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	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

$u^* = r25j$
 $LAB^*cmy^n^*$
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

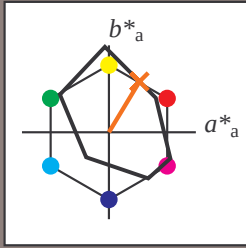
FRS15_90aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	35.47	56.92	27.12	63.05	25
r25j	39.12	49.04	44.45	66.19	42
r50j	50.64	35.19	58.33	68.13	59
r75j	64.01	19.11	74.45	76.87	76
j00g	83.18	-3.93	97.56	97.64	92
j25g	66.73	-26.86	74.66	79.35	110
j50g	54.03	-43.42	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

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; 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

$u^* = r50j$

$LAB^*cmy^n^*$

$LAB^*cmy^n^*$

$i^* = 1,00$

brilliantness i^*

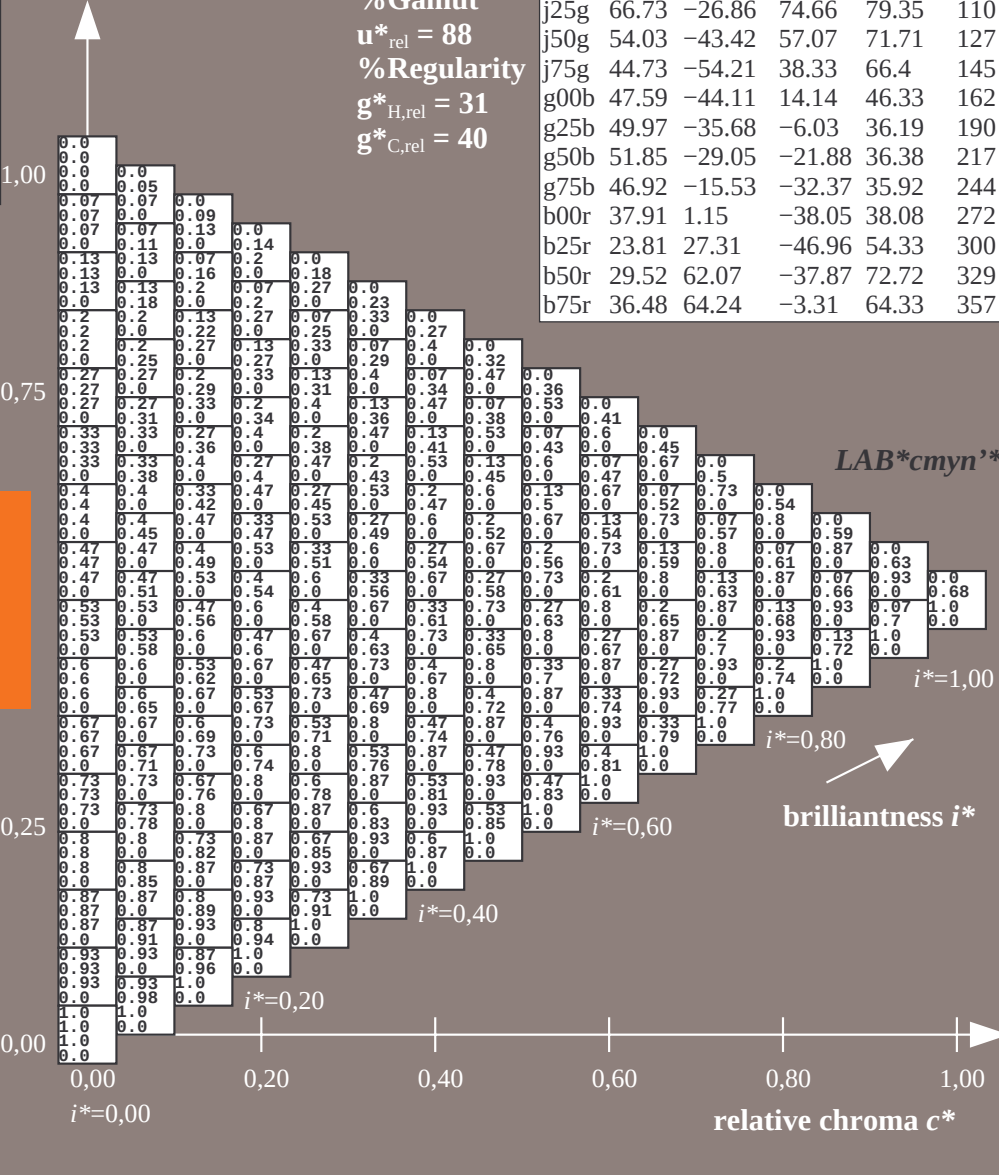
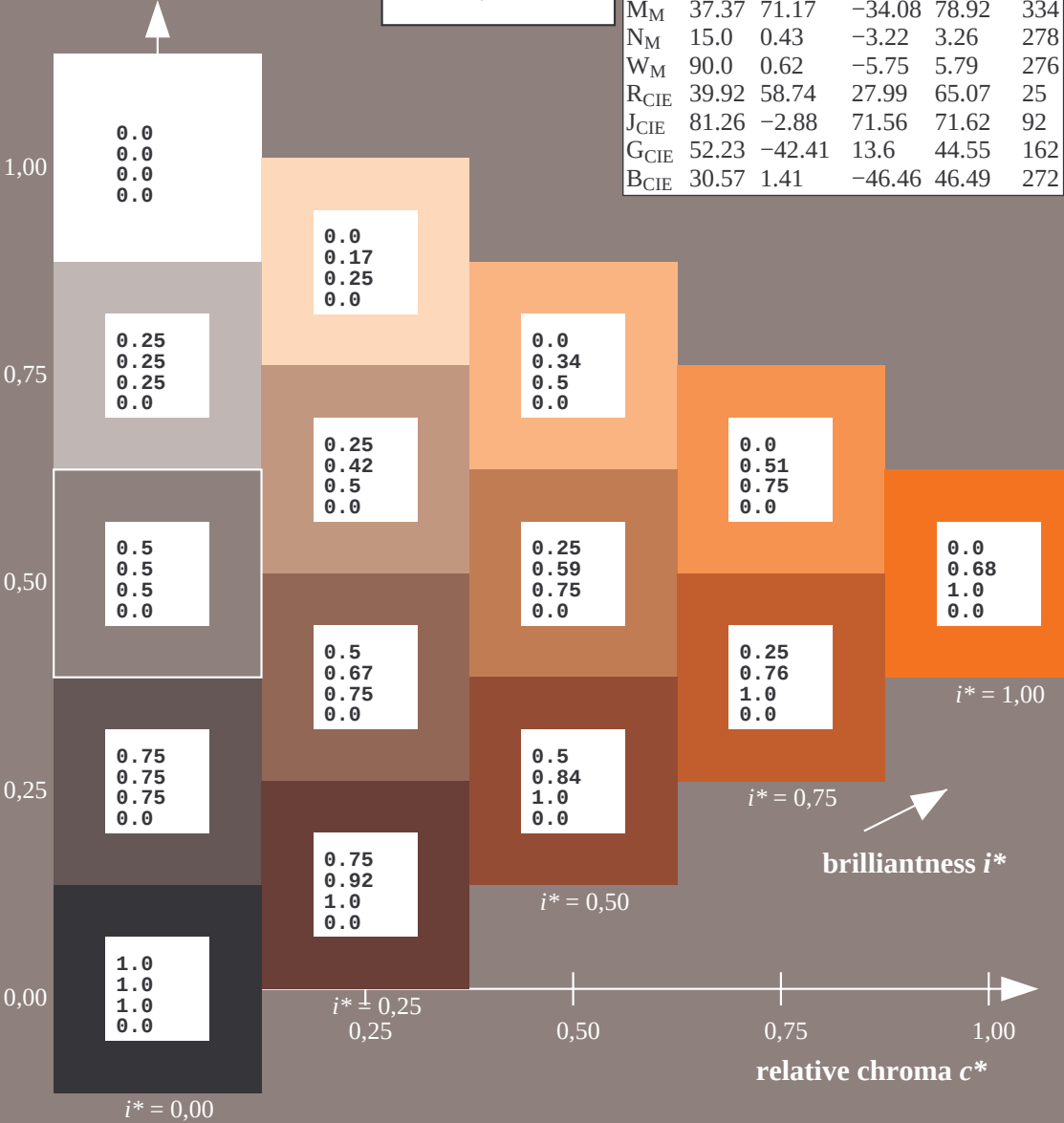
$i^* = 0,80$

$i^* = 0,60$

$i^* = 0,40$

$i^* = 0,20$

$i^* = 0,00$



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

$u^* = r75j$
 $LAB^*cmyn'^*$

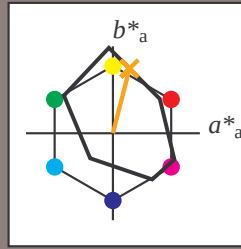
*lab*tch** and *lab*icu**
elementary hue text:

$$u^* = r75j$$

contrast reduction factor:

 $c_R = 0.9$

triangle lightness t^*



FRS15_90aM; CIELAB data					
	$L^*=\bar{L}^*$	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):

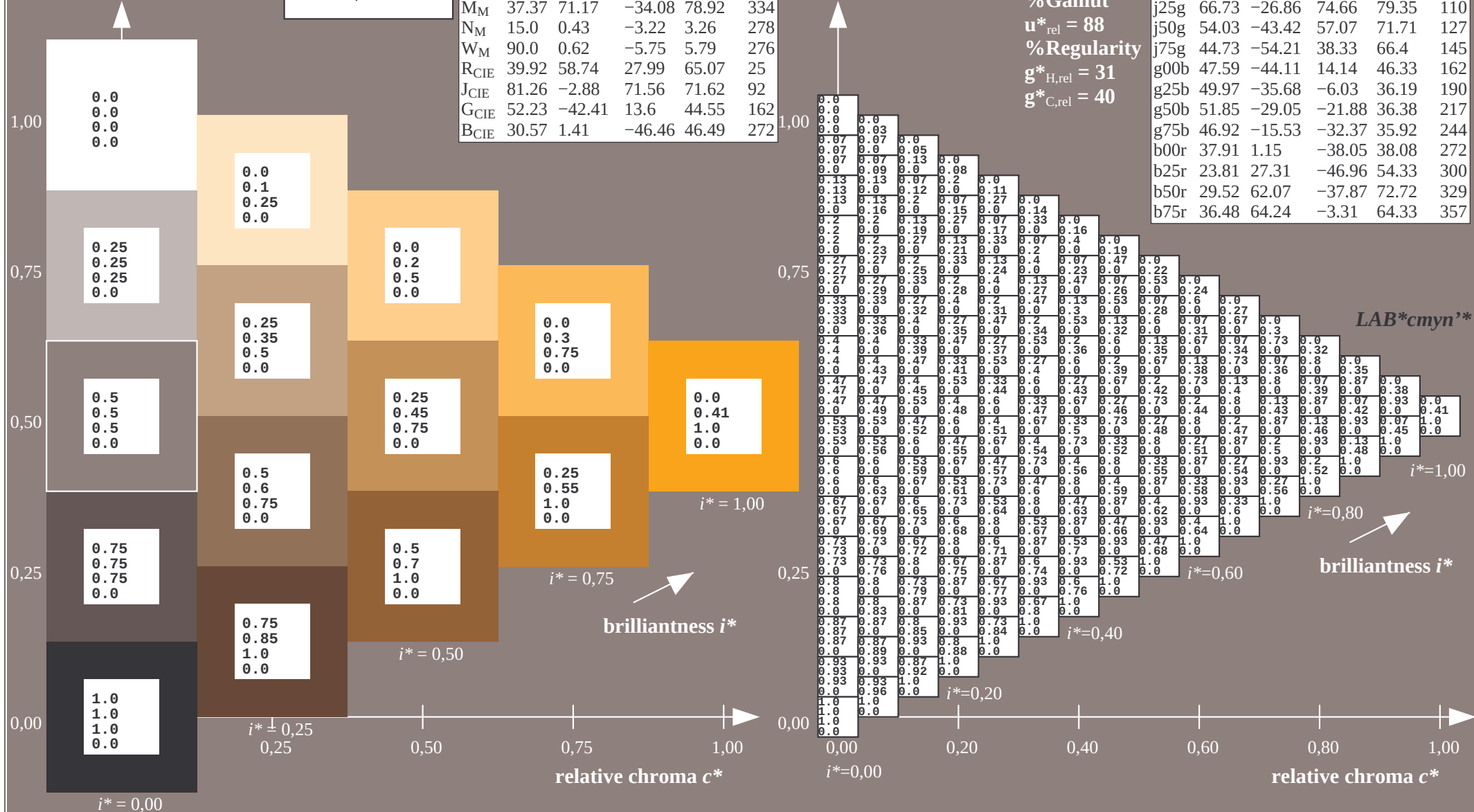
LAB*LAB*_{Ma}: 64 19 74

LAB*LCH*Ma: 64 77 76

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

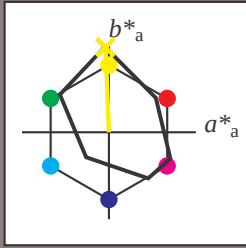
lab*olv*Ma: 1.0 0.59 0.0

triangle lightness t^*



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^*

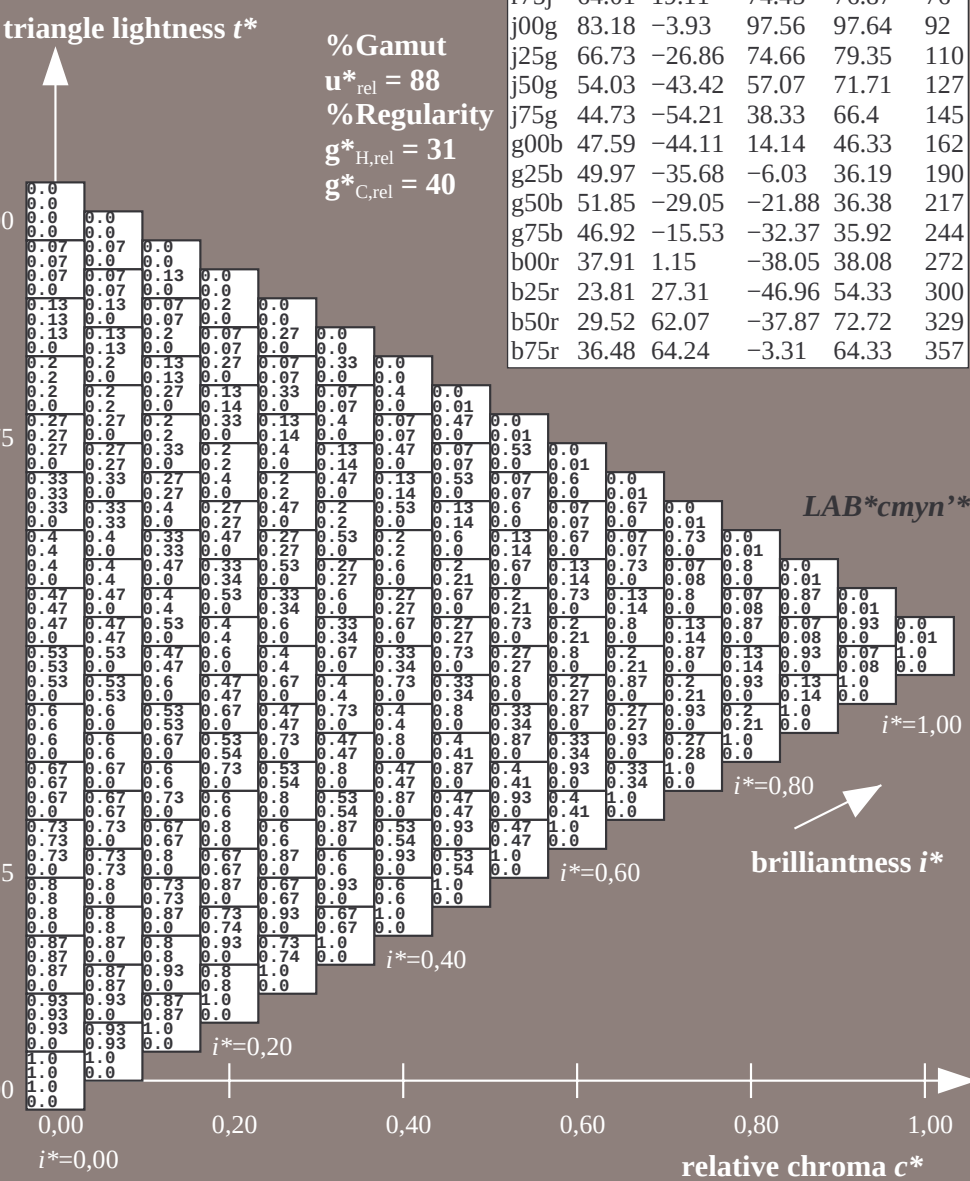


FRS15_90aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	35.06	54.41	35.65	65.05	33
Y _M	83.77	-4.03	92.72	92.8	92
L _M	44.13	-55.82	39.15	68.19	145
C _M	52.66	-25.66	-33.24	42.01	232
V _M	14.15	45.64	-56.26	72.45	309
M _M	37.37	71.17	-34.08	78.92	334
N _M	15.0	0.43	-3.22	3.26	278
W _M	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

$u^* = j00g$
 $LAB^*cmy^n^*$
Data for maximum colour (Ma):

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

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^*

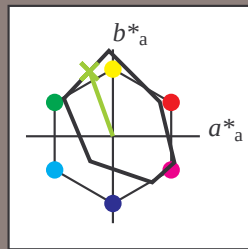
elementary hue text:

$u^* = j25g$

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

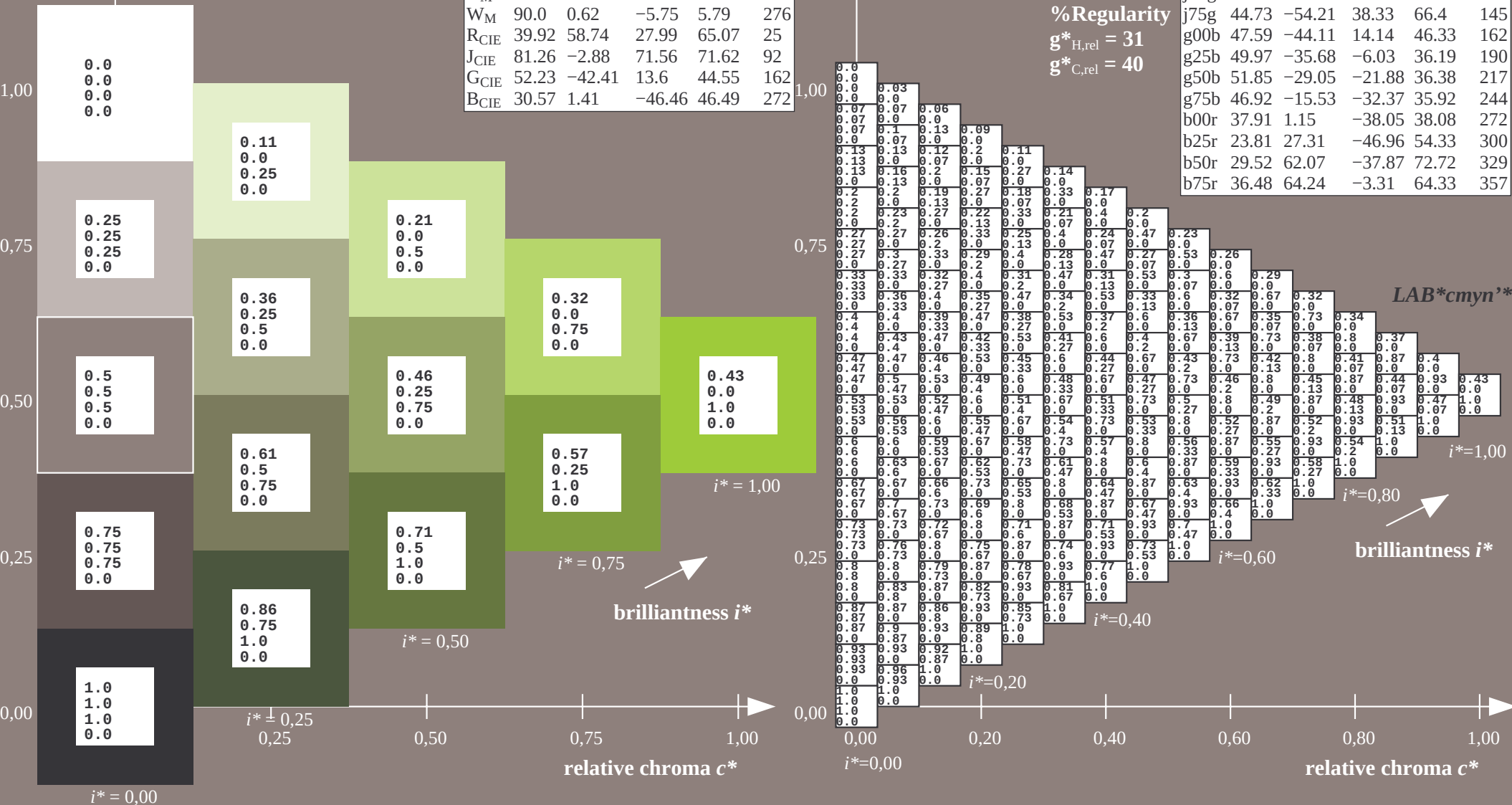
$u^*_{rel} = 88$

%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^*

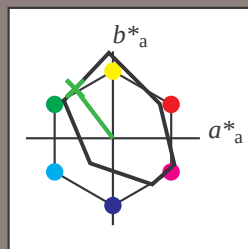
elementary hue text:

$u^* = j50g$

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

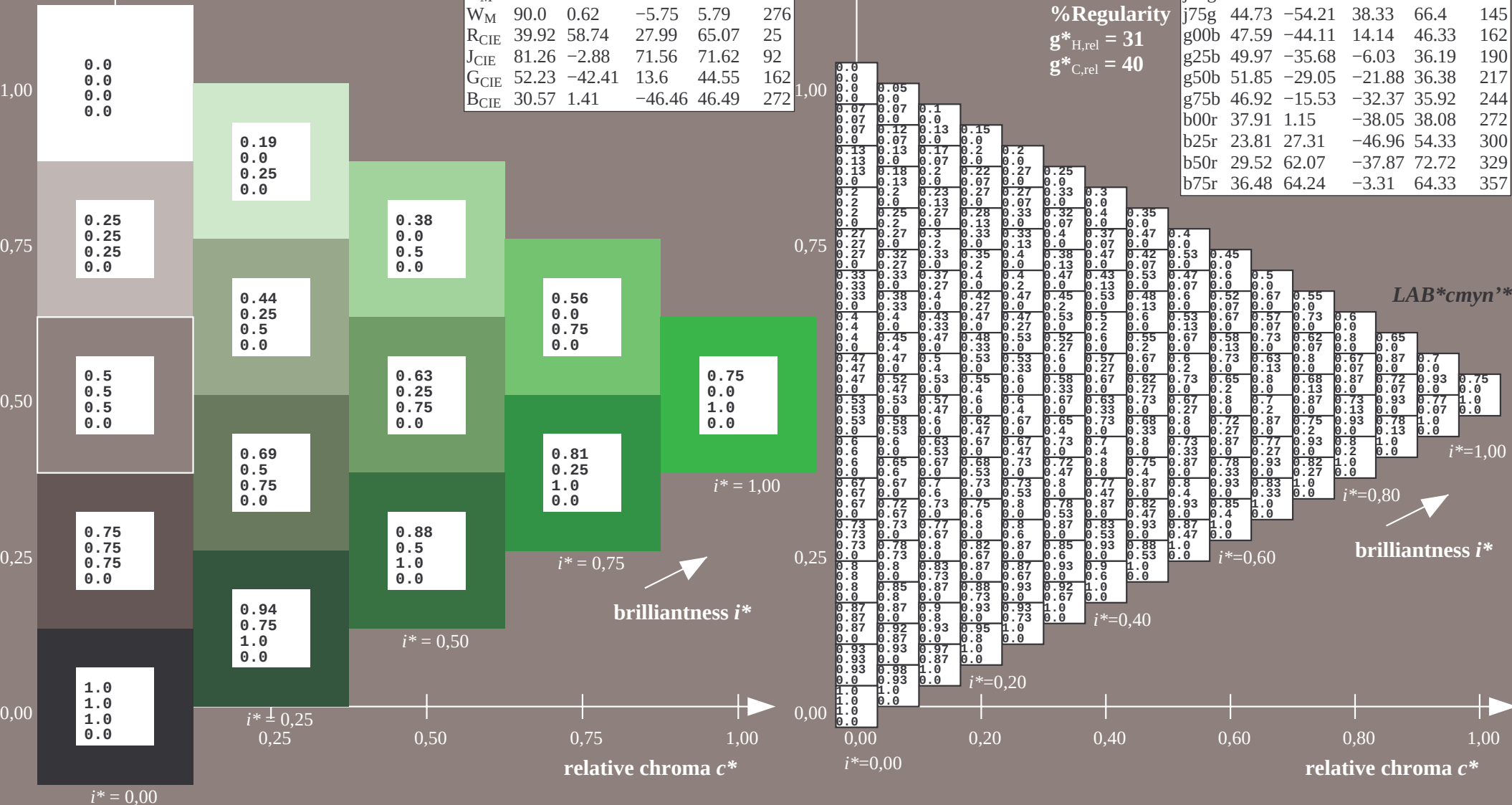
$u^*_{rel} = 88$

%Regularity

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

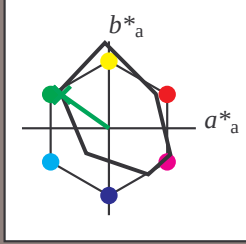
$g^*_{C,rel} = 40$

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

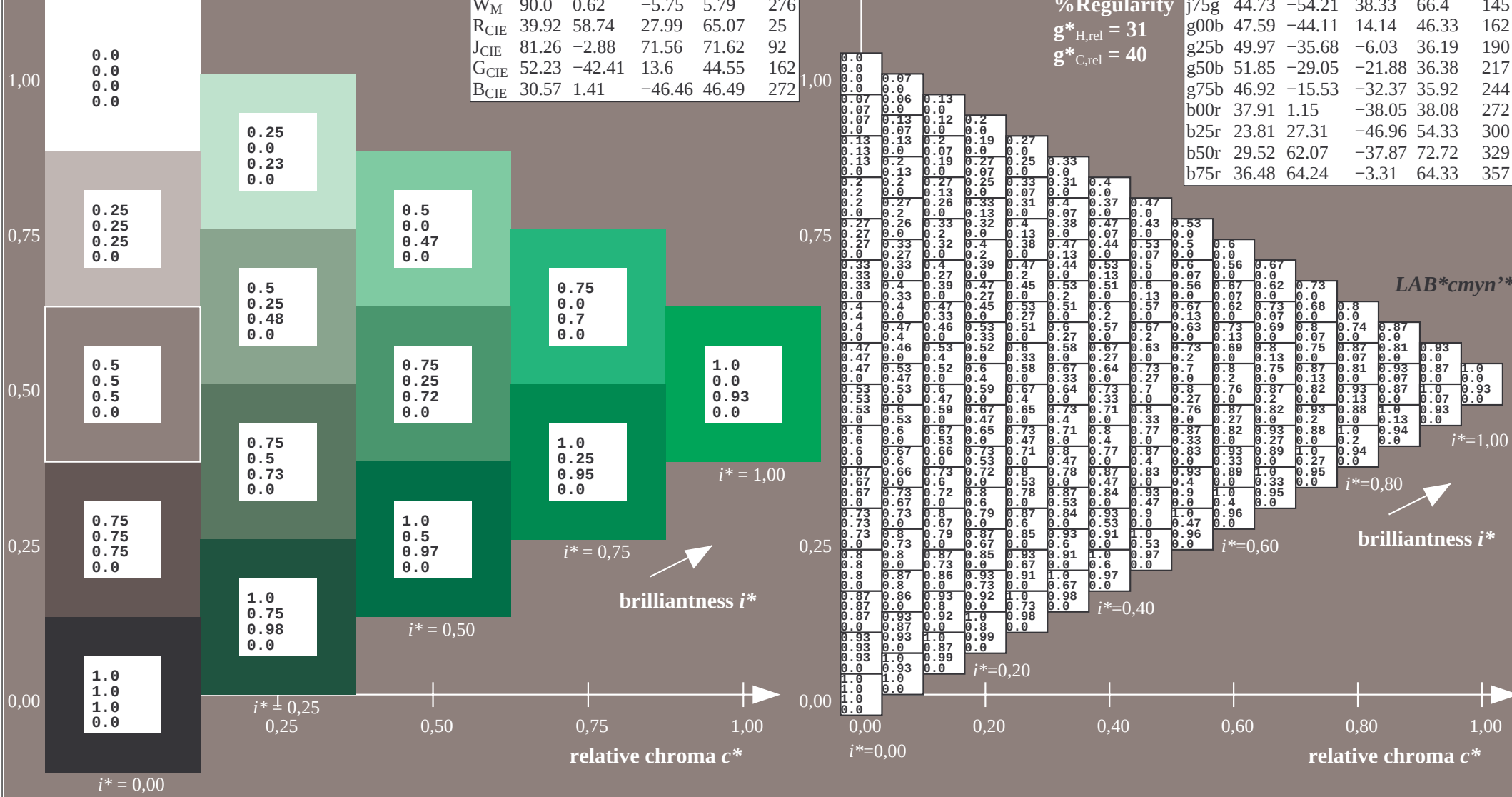
$u^*_{rel} = 88$

%Regularity

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

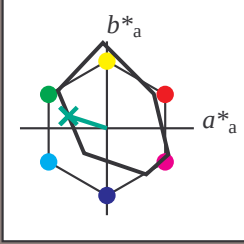
$g^*_{C,rel} = 40$

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

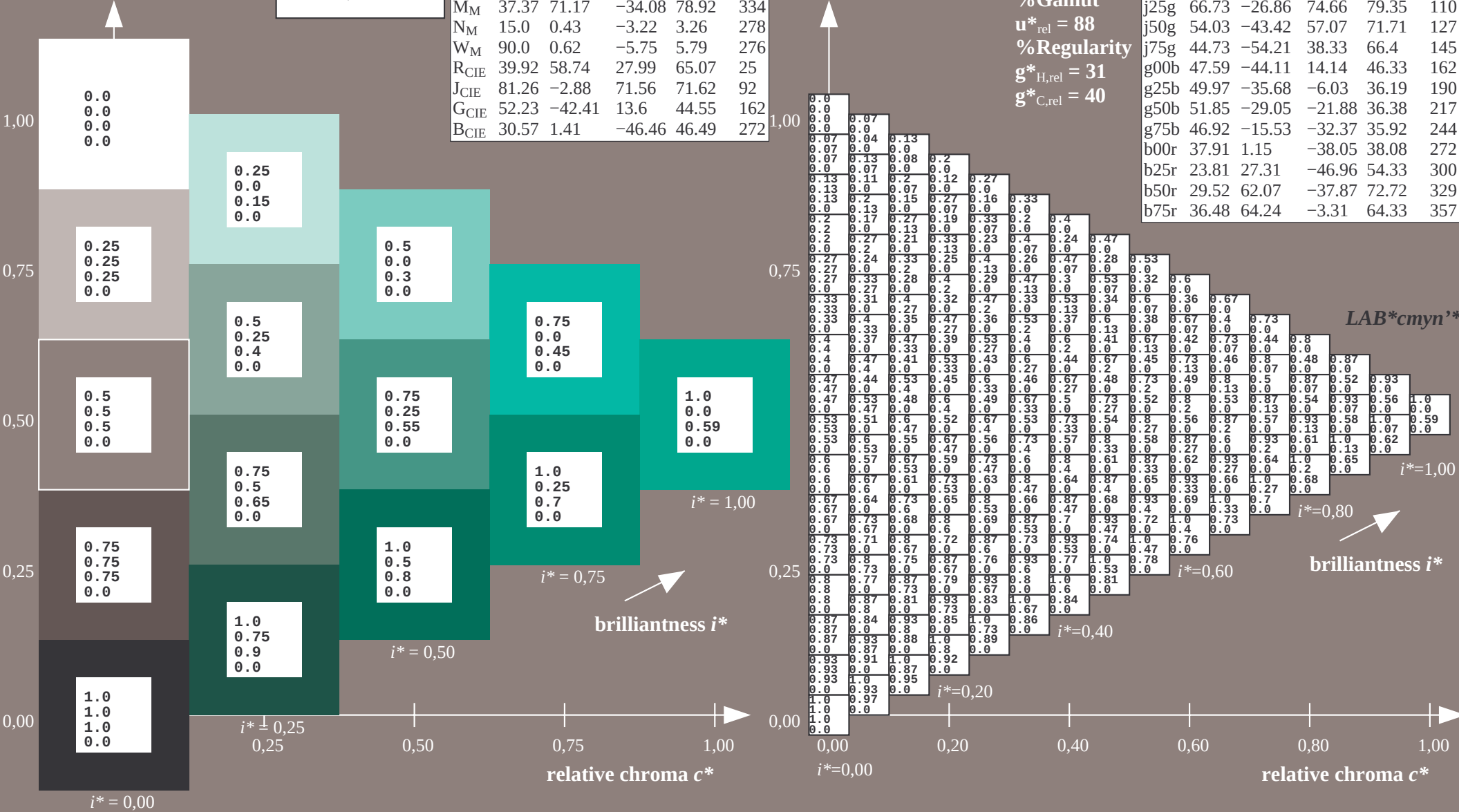
$u^*_{rel} = 88$

%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^*

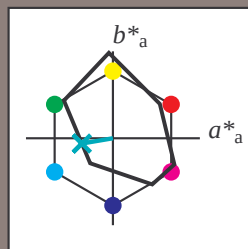
elementary hue text:

$u^* = g25b$

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

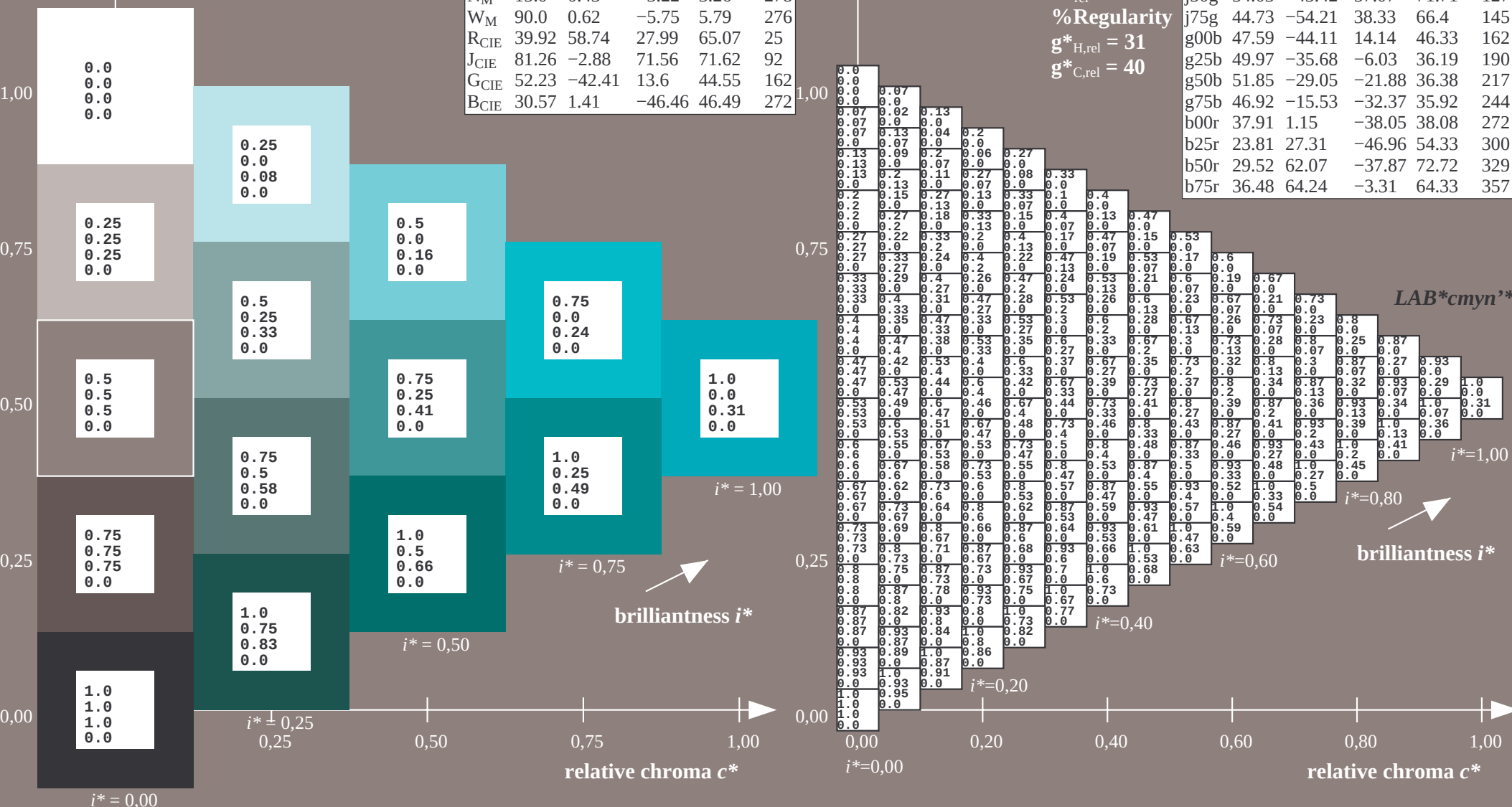
$u^*_{rel} = 88$

%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^*

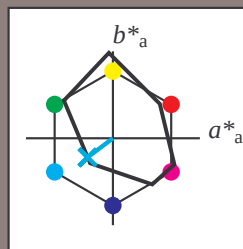
elementary hue text:

$u^* = g50b$

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

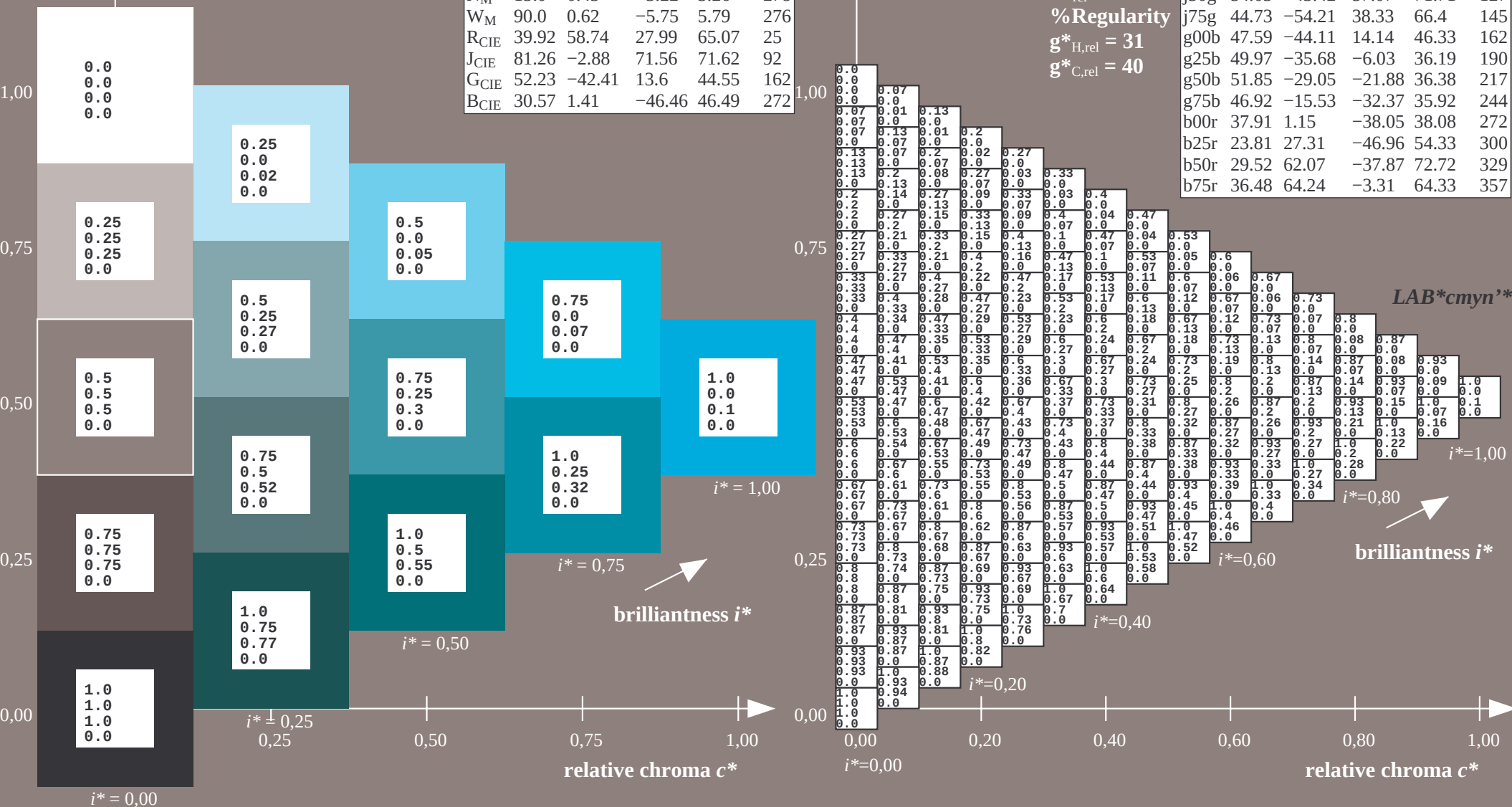
$u^*_{rel} = 88$

%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^*

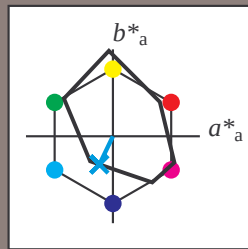
elementary hue text:

$u^* = g75b$

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):

$LAB^*LAB^*_{Ma}: 47 \ -15 \ -31$

$LAB^*LCH^*_{Ma}: 47 \ 36 \ 244$

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

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

triangle lightness t^*

%Gamut

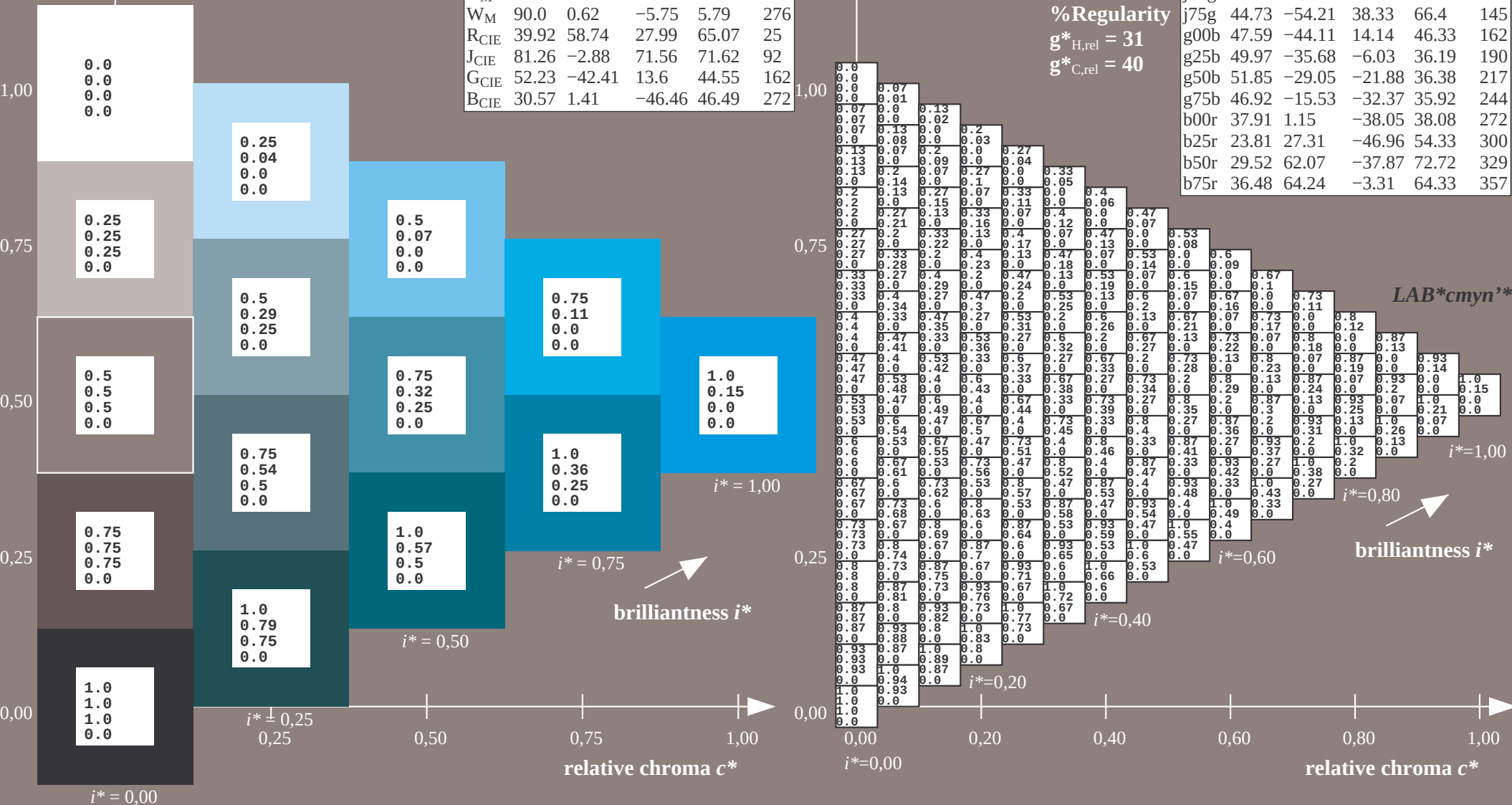
$u^*_{rel} = 88$

%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 $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

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

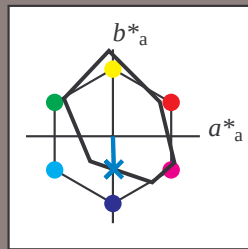
elementary hue text:

$u^* = b00r$

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

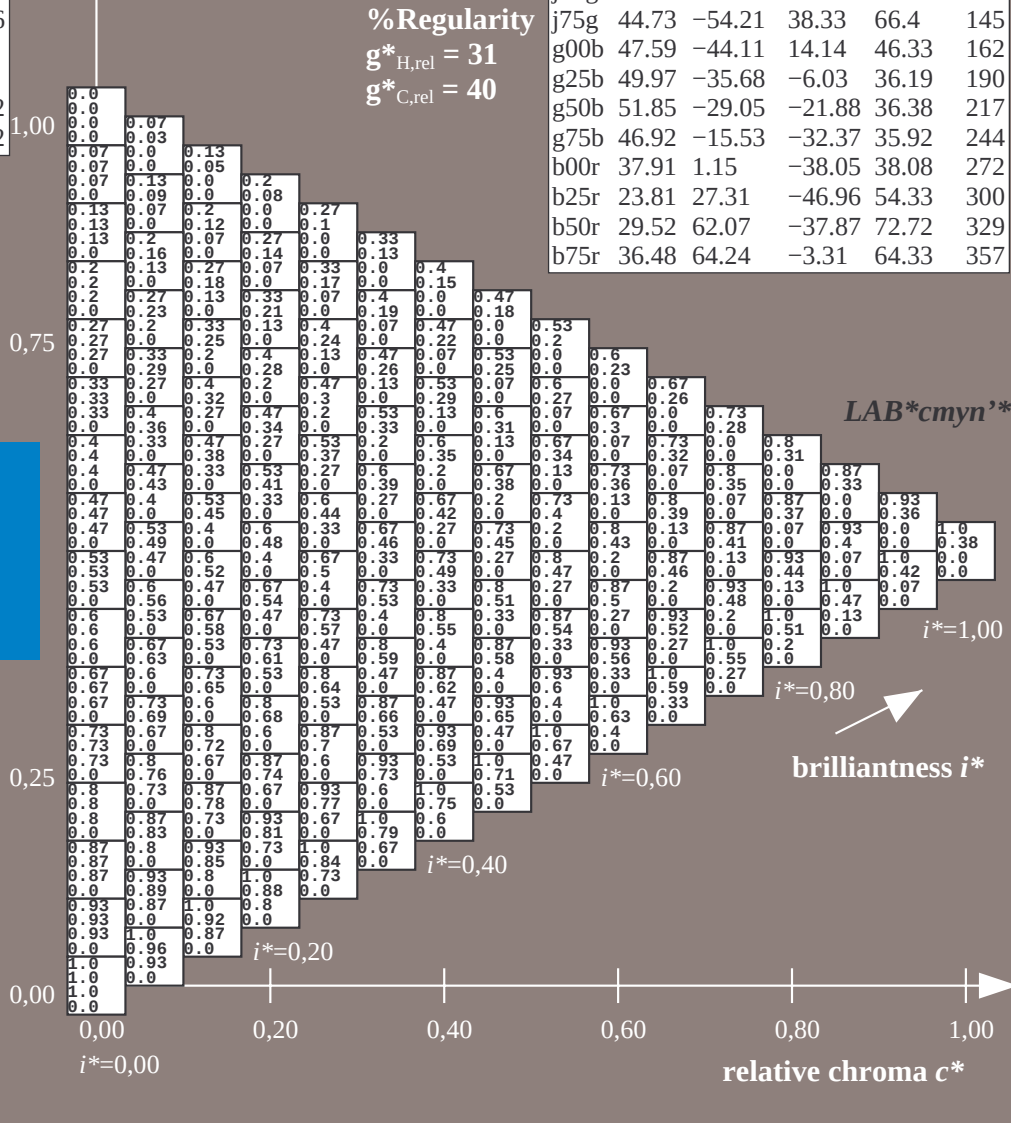
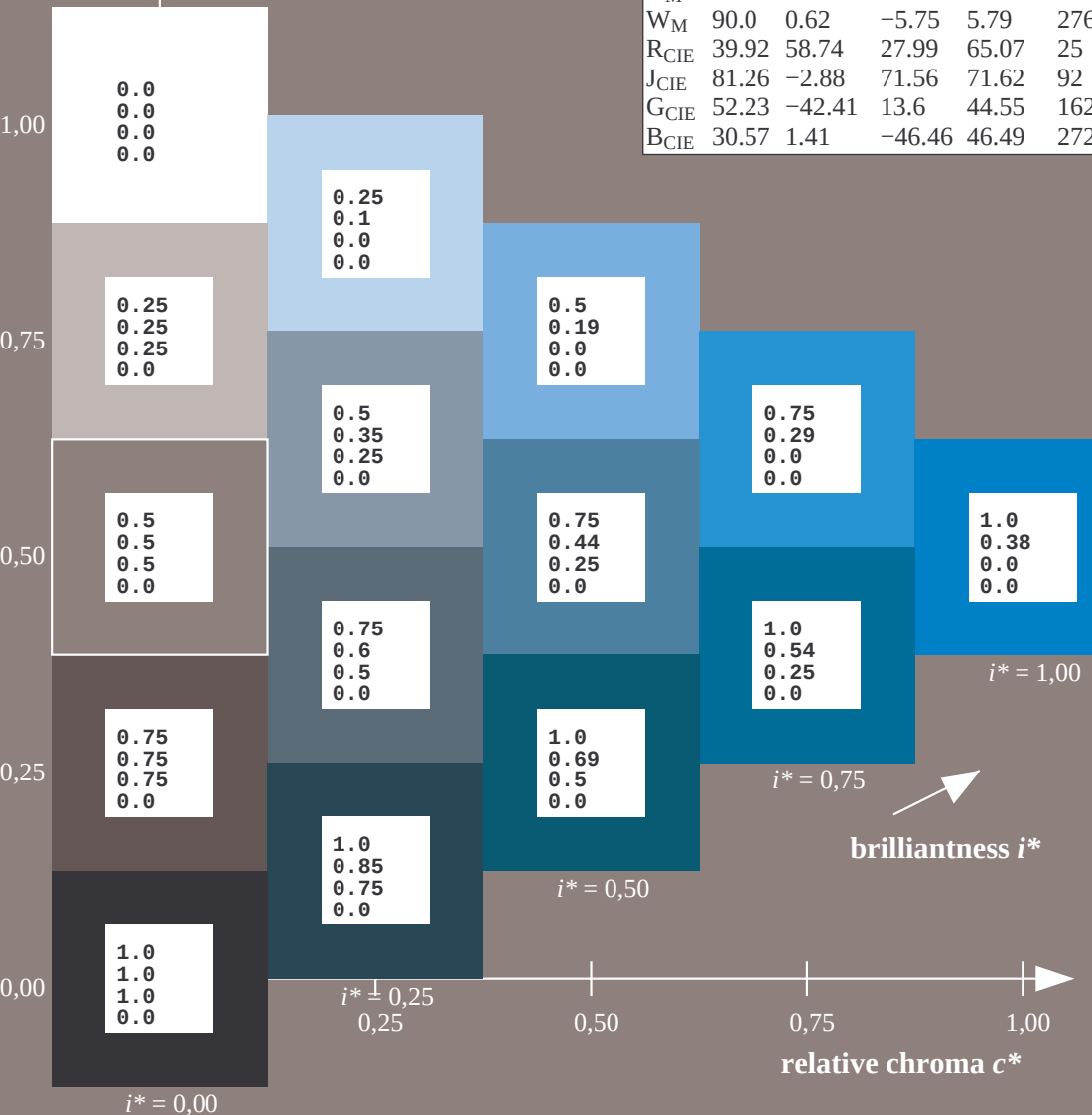
$u^*_{rel} = 88$

%Regularity

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

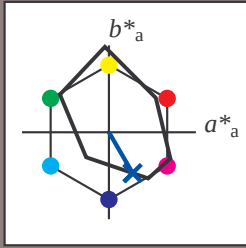
$g^*_{C,rel} = 40$

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



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; 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):

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

triangle lightness t^*

%Gamut

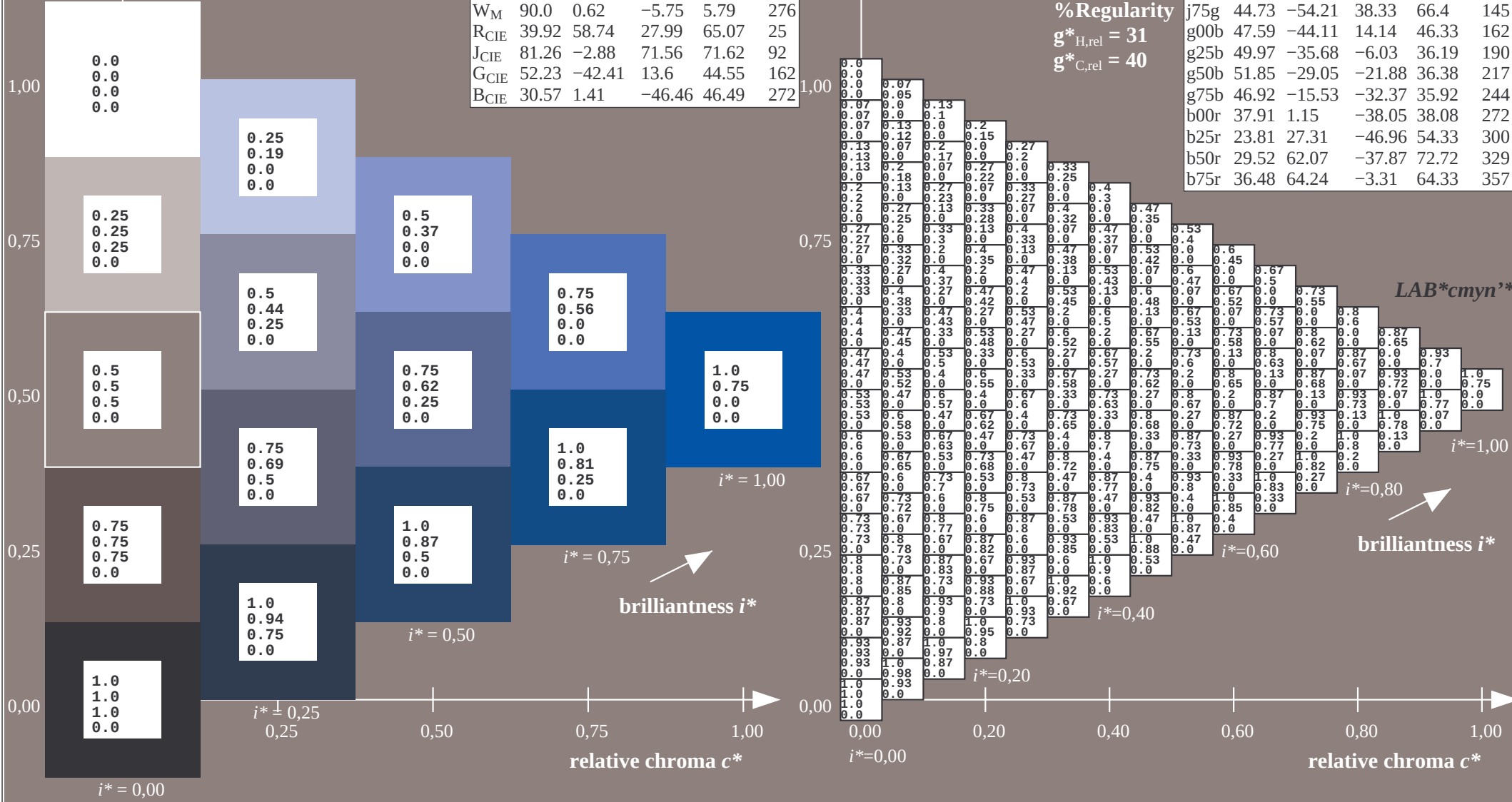
$u^*_{rel} = 88$

%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 $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

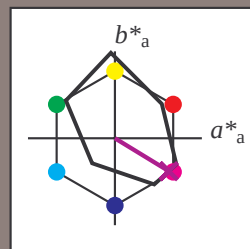
elementary hue text:

$u^* = b50r$

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):

$LAB^*LAB^*Ma: 30\ 62\ -37$

$LAB^*LCH^*Ma: 30\ 73\ 329$

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

$lab^*olv^*Ma: 0.66\ 0.0\ 1.0$

triangle lightness t^*

%Gamut

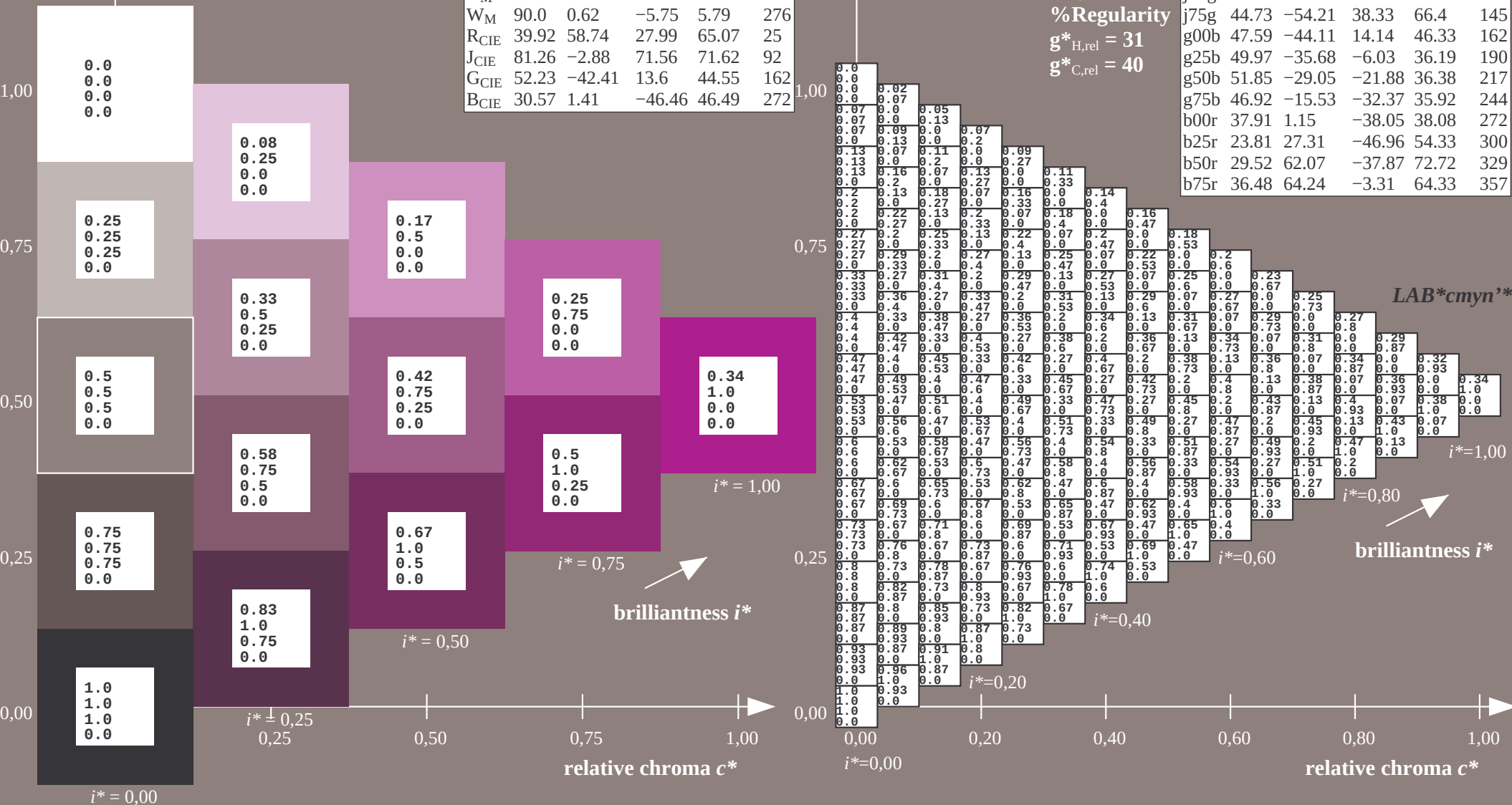
$u^*_{rel} = 88$

%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



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^*

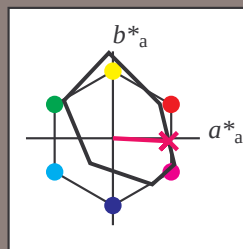
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.9$

triangle lightness t^*



FRS15_90aM; 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):

$LAB^*LAB^*Ma: 36 \ 64 \ -2$

$LAB^*LCH^*Ma: 36 \ 64 \ 357$

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

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

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

