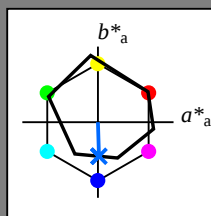


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b00r$ $u^*_d = c58v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	46.89	66.19	40.28	77.48	31	
Y _{Ma}	88.66	-9.62	88.21	88.73	96	
L _{Ma}	54.22	-65.29	33.87	73.56	153	
C _{Ma}	61.43	-30.53	-42.04	51.96	234	
V _{Ma}	25.93	25.95	-47.37	54.01	299	
M _{Ma}	47.92	73.53	-9.02	74.08	353	
N _{Ma}	20.41	0.0	0.0	0.0	0	
W _{Ma}	94.64	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 1 -45

$LAB^*LCH^*_{Ma}$: 41 45 271

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

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

triangle lightness t^*

%Gamut

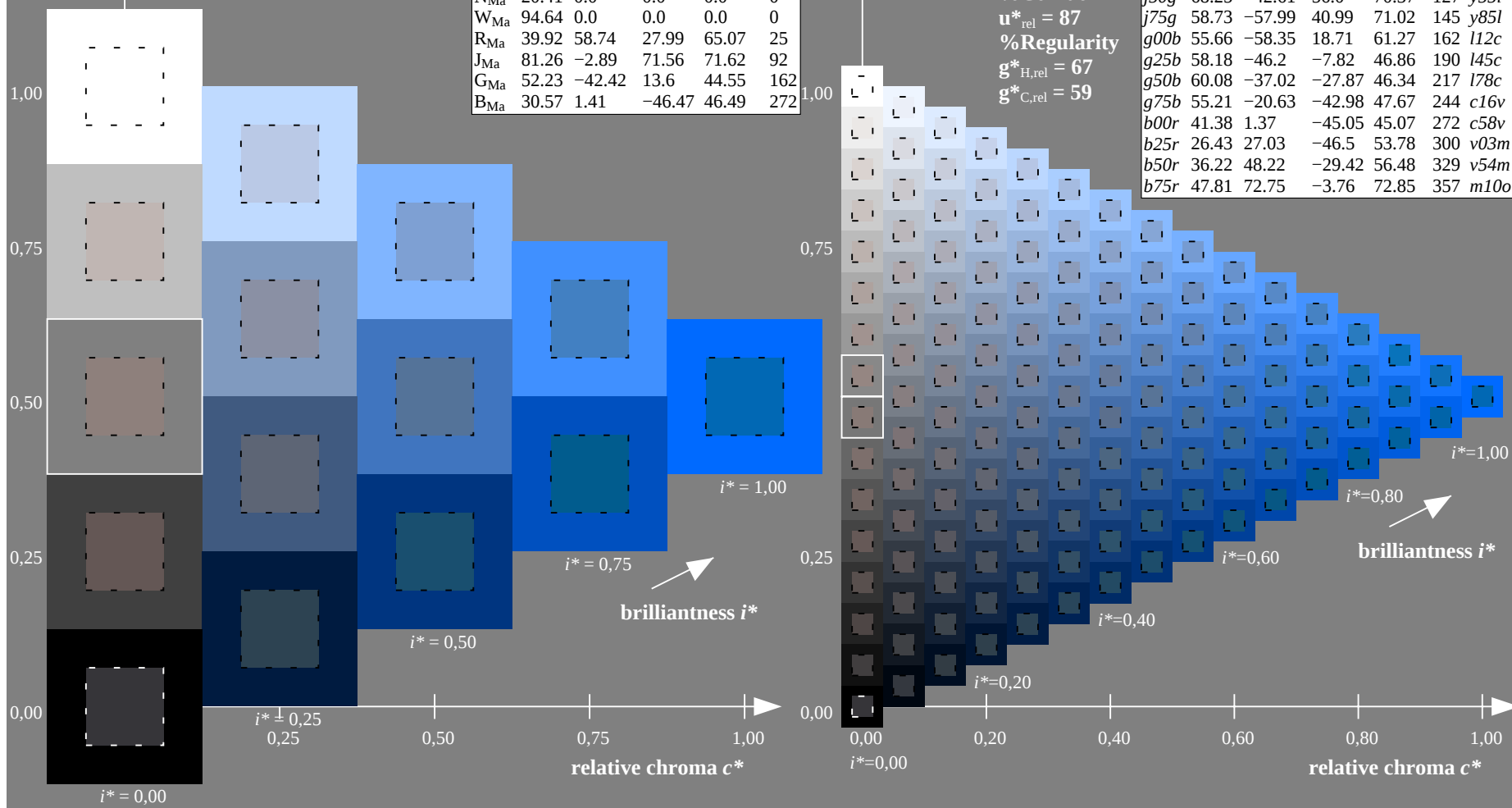
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

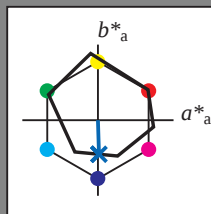
$g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o
r25j	53.95	53.38	48.38	72.04	42	o17y
r50j	63.6	35.87	59.45	69.43	59	o42y
r75j	73.37	18.14	70.66	72.95	76	o68y
j00g	85.24	-3.4	84.28	84.35	92	o93y
j25g	78.53	-25.99	72.23	76.76	110	y24l
j50g	68.25	-42.61	56.0	70.37	127	y55l
j75g	58.73	-57.99	40.99	71.02	145	y85l
g00b	55.66	-58.35	18.71	61.27	162	l12c
g25b	58.18	-46.2	-7.82	46.86	190	l45c
g50b	60.08	-37.02	-27.87	46.34	217	l78c
g75b	55.21	-20.63	-42.98	47.67	244	c16v
b00r	41.38	1.37	-45.05	45.07	272	c58v
b25r	26.43	27.03	-46.5	53.78	300	v03m
b50r	36.22	48.22	-29.42	56.48	329	v54m
b75r	47.81	72.75	-3.76	72.85	357	m10o



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b00r$ $u^*_d = c58v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	46.89	66.19	40.28	77.48	31	
Y _{Ma}	88.66	-9.62	88.21	88.73	96	
L _{Ma}	54.22	-65.29	33.87	73.56	153	
C _{Ma}	61.43	-30.53	-42.04	51.96	234	
V _{Ma}	25.93	25.95	-47.37	54.01	299	
M _{Ma}	47.92	73.53	-9.02	74.08	353	
N _{Ma}	20.41	0.0	0.0	0.0	0	
W _{Ma}	94.64	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 1 -45

$LAB^*LCH^*_{Ma}$: 41 45 271

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

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

triangle lightness t^*

%Gamut

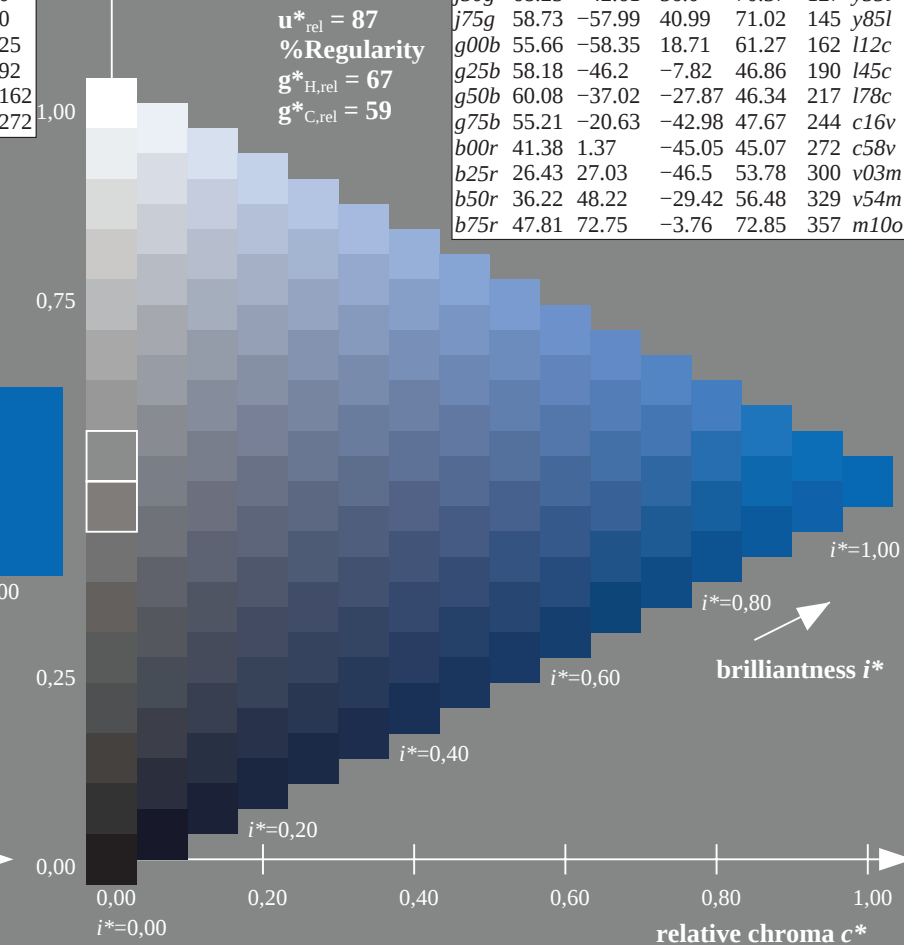
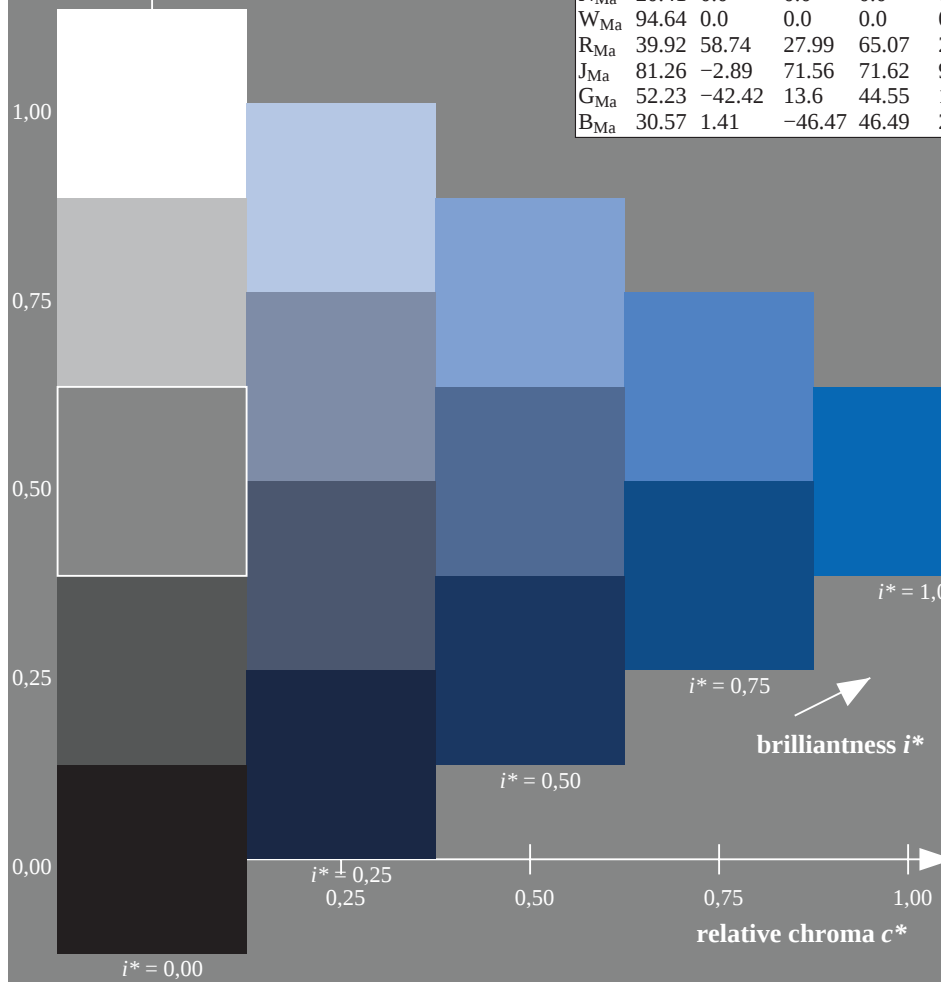
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o
r25j	53.95	53.38	48.38	72.04	42	o17y
r50j	63.6	35.87	59.45	69.43	59	o42y
r75j	73.37	18.14	70.66	72.95	76	o68y
j00g	85.24	-3.4	84.28	84.35	92	o93y
j25g	78.53	-25.99	72.23	76.76	110	y24l
j50g	68.25	-42.61	56.0	70.37	127	y55l
j75g	58.73	-57.99	40.99	71.02	145	y85l
g00b	55.66	-58.35	18.71	61.27	162	l12c
g25b	58.18	-46.2	-7.82	46.86	190	l45c
g50b	60.08	-37.02	-27.87	46.34	217	l78c
g75b	55.21	-20.63	-42.98	47.67	244	c16v
b00r	41.38	1.37	-45.05	45.07	272	c58v
b25r	26.43	27.03	-46.5	53.78	300	v03m
b50r	36.22	48.22	-29.42	56.48	329	v54m
b75r	47.81	72.75	-3.76	72.85	357	m10o



Input and output: Colorimetric Printer Reflective System ORS20_95, $L^*=20_{95}$ for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$ data for any colour: Data for maximum colour (Ma):

$u^*_e = b00r$
 lab^*olv^*

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

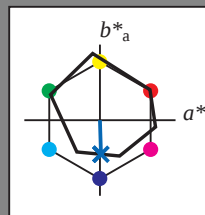
Hue texts:

$$u^*_e = b00r \quad u^*_d = c58v$$

contrast reduction factor:

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

triangle rightness &



ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	h^*_{ab}	
O _{Ma}	46.89	66.19	40.28	77.48	31	
Y _{Ma}	88.66	-9.62	88.21	88.73	96	
L _{Ma}	54.22	-65.29	33.87	73.56	153	
C _{Ma}	61.43	-30.53	-42.04	51.96	234	
V _{Ma}	25.93	25.95	-47.37	54.01	299	
M _{Ma}	47.92	73.53	-9.02	74.08	353	
N _{Ma}	20.41	0.0	0.0	0.0	0	
W _{Ma}	94.64	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	16	
B _{Ma}	30.57	1.41	-46.47	46.49	273	

Data for maximum colour (Ma):

LAB*LAB* M_2 : 41 1 -45

LAD*LGH* 41 45 274

LAB*LCH*Ma: 41 45 2

***lab*rgb**Ma: 0.0 0.0 1.0**

*lab*olv**Ma: 0.0 0.42 1.0

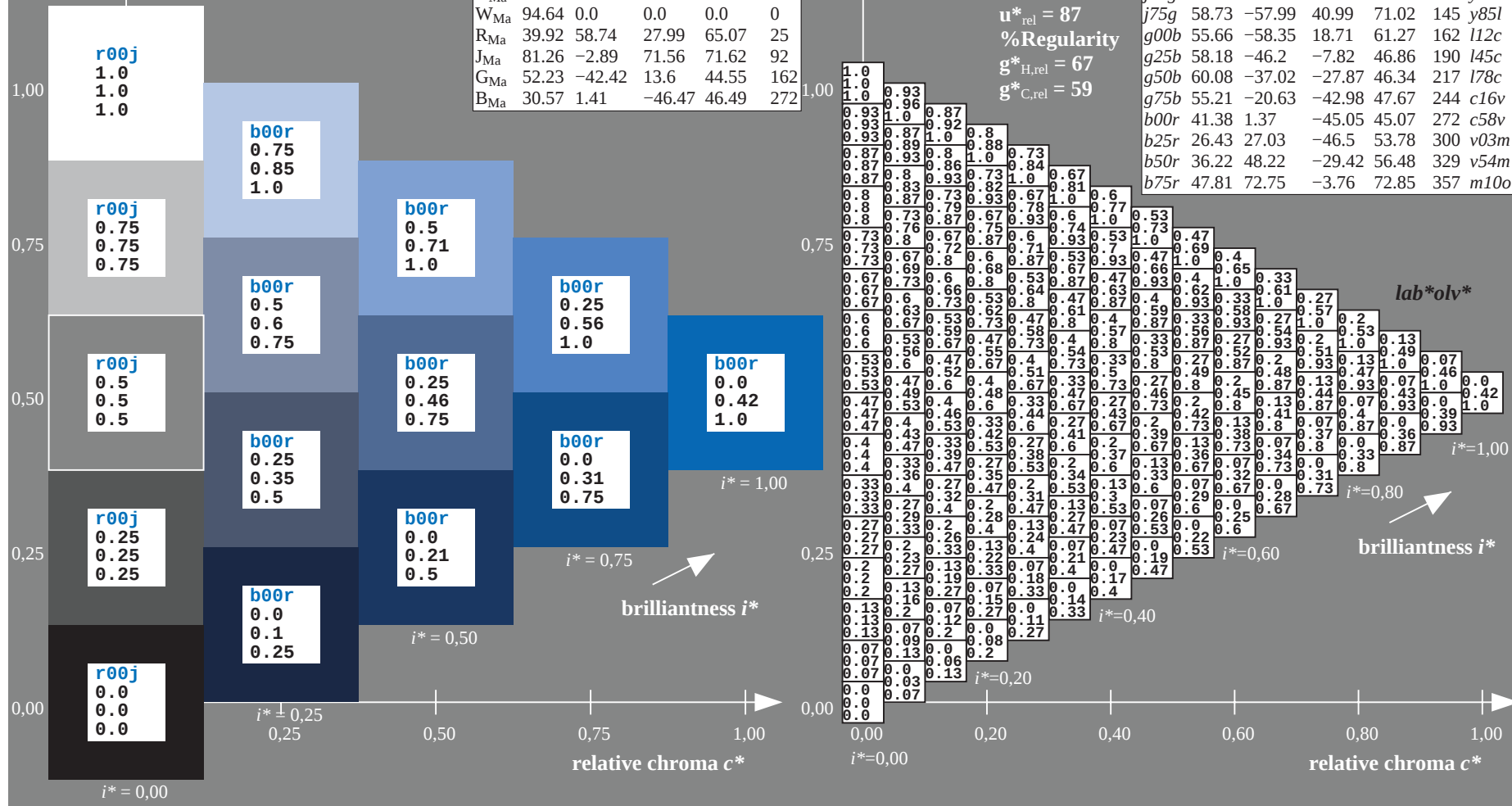
triangle lightness t^*

%Gamut

%Regularity

$$g^*_{H,rel} = 6'$$
$$g^*_{C,rel} = 59$$

ORS20_95a; adapted (a) CIELAB data							
u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u_d^*	
<i>r00j</i>	47.06	67.41	32.12	74.67	25	<i>m84d</i>	
<i>r25j</i>	53.95	53.38	48.38	72.04	42	<i>o17y</i>	
<i>r50j</i>	63.6	35.87	59.45	69.43	59	<i>o42y</i>	
<i>r75j</i>	73.37	18.14	70.66	72.95	76	<i>o68y</i>	
<i>j00g</i>	85.24	-3.4	84.28	84.35	92	<i>o93y</i>	
<i>j25g</i>	78.53	-25.99	72.23	76.76	110	<i>y24l</i>	
<i>j50g</i>	68.25	-42.61	56.0	70.37	127	<i>y55l</i>	
<i>j75g</i>	58.73	-57.99	40.99	71.02	145	<i>y85l</i>	
<i>g00b</i>	55.66	-58.35	18.71	61.27	162	<i>l12c</i>	
<i>g25b</i>	58.18	-46.2	-7.82	46.86	190	<i>l45c</i>	
<i>g50b</i>	60.08	-37.02	-27.87	46.34	217	<i>l78c</i>	
<i>g75b</i>	55.21	-20.63	-42.98	47.67	244	<i>c16v</i>	
<i>b00r</i>	41.38	1.37	-45.05	45.07	272	<i>c58v</i>	
<i>b25r</i>	26.43	27.03	-46.5	53.78	300	<i>v03m</i>	
<i>b50r</i>	36.22	48.22	-29.42	56.48	329	<i>v54m</i>	
<i>b75r</i>	47.81	72.75	-3.76	72.85	357	<i>m10o</i>	



BAM-test chart Fe53; Relative Elementary Colour System
D65: colour scales and 9 data tables for 16 hues $r00j$ to $b75n$

input: 000n / w / nnn0 / www set...
output: ->LAB*->cmyn6* setcmyk

BAM registration: 20081001-Fe53/10L/L53e00FP.PDF/.PS BAM material: code=rh4ta
+ application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

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

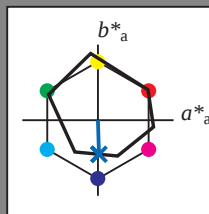
$$u^*_e = b00r \quad u^*_d = c58v$$

contrast reduction factor:

$$c_D = 1.0$$

K triangle

triangle lightness t



ORS20_95a; adapted (a) CIELAB data

u_e^*	$L^*=L_a^* a_a^*$	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	-9.62	88.21	88.73	96
L_{Ma}	54.22	-65.29	33.87	73.56	153
C_{Ma}	61.43	-30.53	-42.04	51.96	234
V_{Ma}	25.93	25.95	-47.37	54.01	299
M_{Ma}	47.92	73.53	-9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{Ma}	81.26	-2.89	71.56	71.62	92
G_{Ma}	52.23	-42.42	13.56	44.55	162
B_{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

LAB*LAB* M_2 : 41 1 -45

LAD*LGII* 41 45 254

LAB*LCH*Ma: 41 45 2

lab*rgb_{Ma}: 0.0 0.0 1.0

lab*olv*_Ma: 0.0 0.42 1.0

triangle lightness t^*

%Gamut

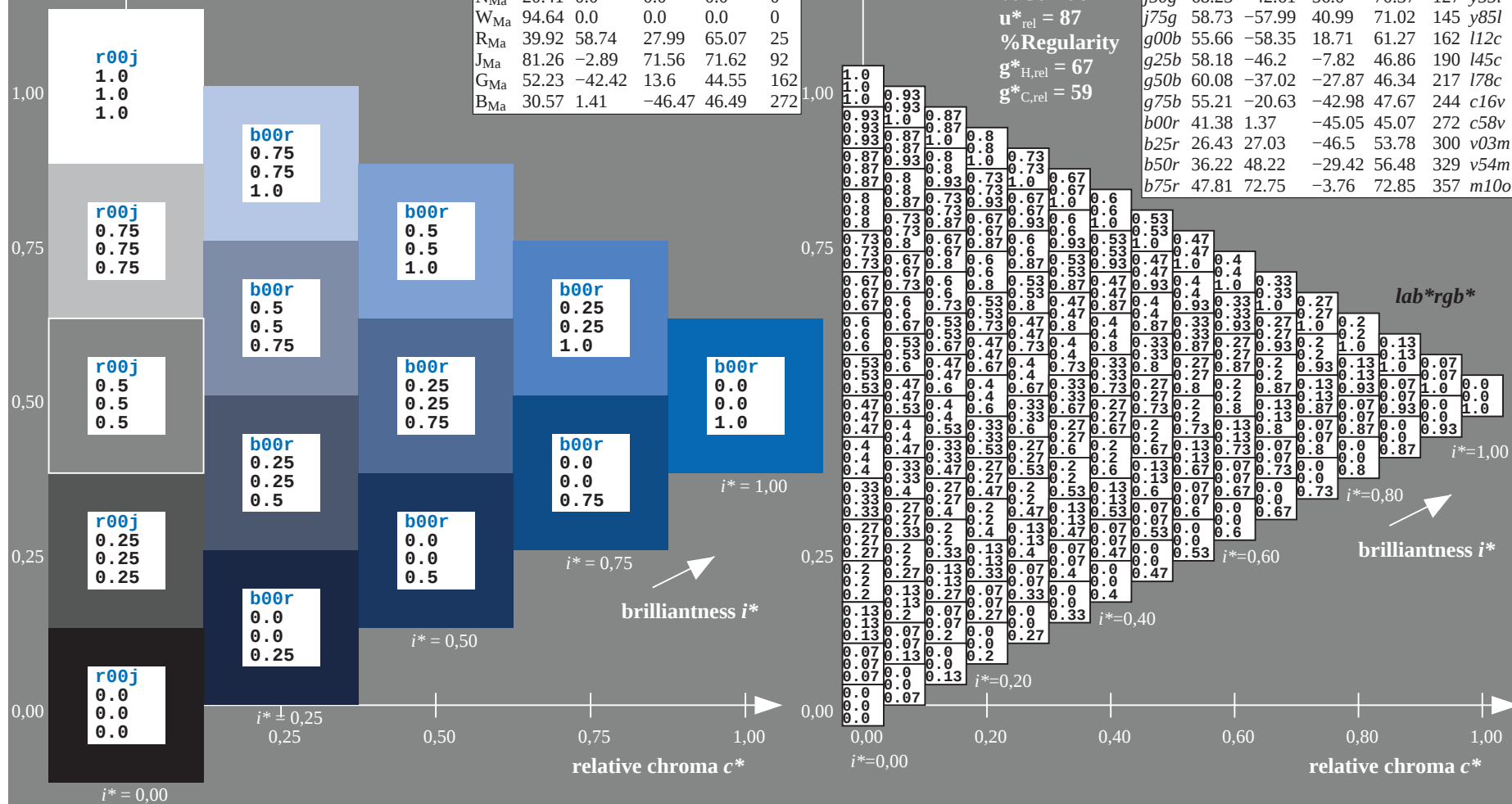
$$\mathbf{u}_{\text{rel}}^* = 87$$

%Regularity

$$g_{\text{H,rel}}^* = 67$$
$$g^*_{C,rel} = 59$$

ORS20_95a; adapted (a) CIELAB data

u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
<i>r00j</i>	47.06	67.41	32.12	74.67	25	<i>m84o</i>
<i>r25j</i>	53.95	53.38	48.38	72.04	42	<i>o17y</i>
<i>r50j</i>	63.6	35.87	59.45	69.43	59	<i>o42y</i>
<i>r75j</i>	73.37	18.14	70.66	72.95	76	<i>o68y</i>
<i>j00g</i>	85.24	-3.4	84.28	84.35	92	<i>o93y</i>
<i>j25g</i>	78.53	-25.99	72.23	76.76	110	<i>y24l</i>
<i>j50g</i>	68.25	-42.61	56.0	70.37	127	<i>y55l</i>
<i>j75g</i>	58.73	-57.99	40.99	71.02	145	<i>y85l</i>
<i>g00b</i>	55.66	-58.35	18.71	61.27	162	<i>l12c</i>
<i>g25b</i>	58.18	-46.2	-7.82	46.86	190	<i>l45c</i>
<i>g50b</i>	60.08	-37.02	-27.87	46.34	217	<i>l78c</i>
<i>g75b</i>	55.21	-20.63	-42.98	47.67	244	<i>c16v</i>
<i>b00r</i>	41.38	1.37	-45.05	45.07	272	<i>c58v</i>
<i>b25r</i>	26.43	27.03	-46.5	53.78	300	<i>v03m</i>
<i>b50r</i>	36.22	48.22	-29.42	56.48	329	<i>v54m</i>
<i>b75r</i>	47.81	72.75	-3.76	72.85	357	<i>m10o</i>



BAM-test chart Fe53; Relative Elementary Colour System
D65: colour scales and 9 data tables for 16 hues $r00j$ to $b75r$

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

output: $\rightarrow LAB^* \rightarrow cmyn6^* setcmyk$

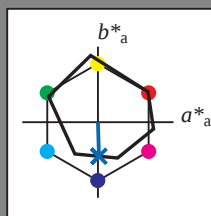
BAM registration: 20081001-Fe53/10L/L53e00FP.PDF/.PS BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

BAM material: code=rh4ta

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_e = b00r$ $u^*_d = c58v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
O _{Ma}	46.89	66.19	40.28	77.48	31	
Y _{Ma}	88.66	-9.62	88.21	88.73	96	
L _{Ma}	54.22	-65.29	33.87	73.56	153	
C _{Ma}	61.43	-30.53	-42.04	51.96	234	
V _{Ma}	25.93	25.95	-47.37	54.01	299	
M _{Ma}	47.92	73.53	-9.02	74.08	353	
N _{Ma}	20.41	0.0	0.0	0.0	0	
W _{Ma}	94.64	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_Ma$: 41 1 -45

$LAB^*LCH^*_Ma$: 41 45 271

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

$lab^*olv^*_Ma$: 0.0 0.42 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

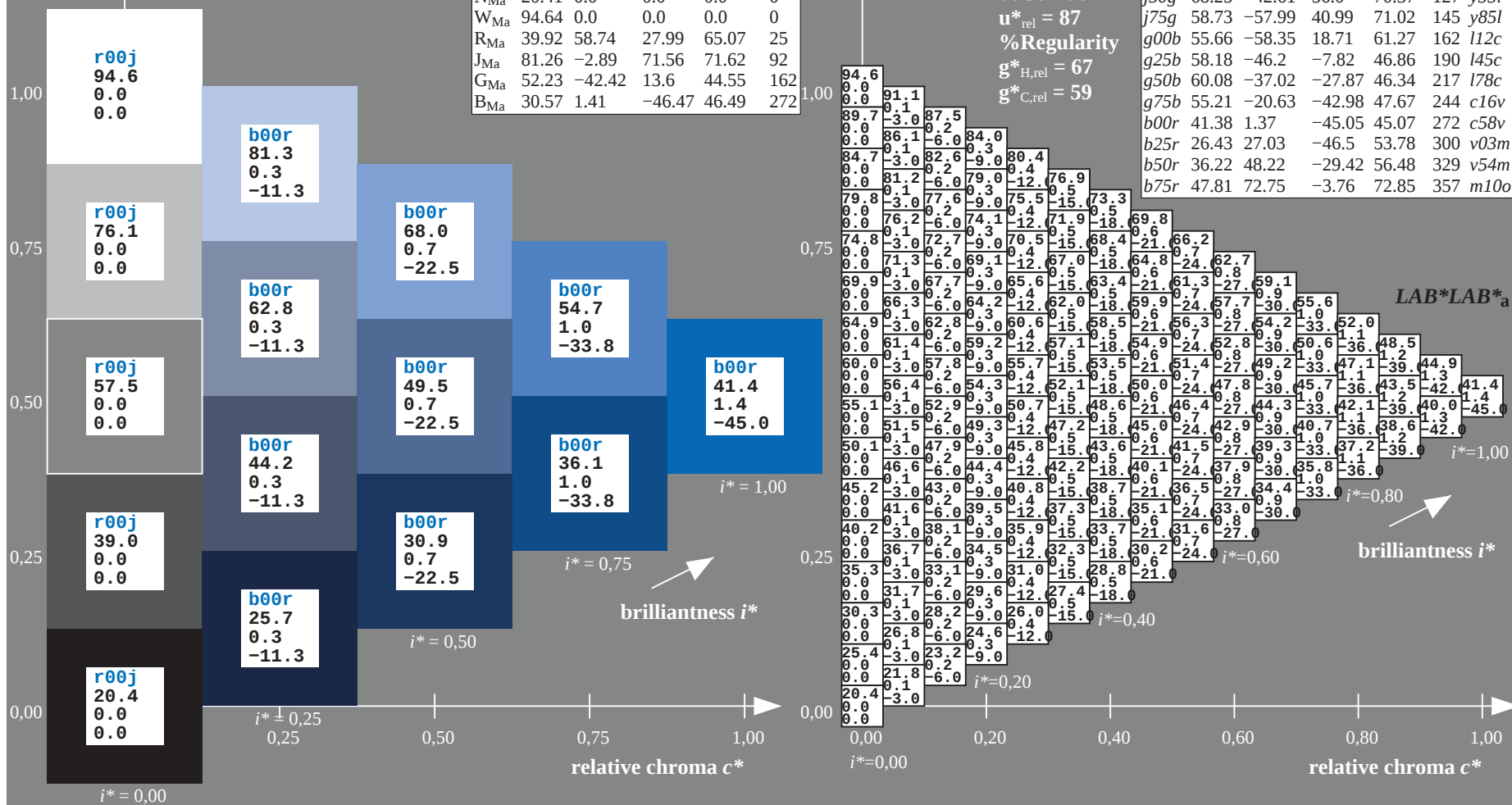
%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o
r25j	53.95	53.38	48.38	72.04	42	o17y
r50j	63.6	35.87	59.45	69.43	59	o42y
r75j	73.37	18.14	70.66	72.95	76	o68y
j00g	85.24	-3.4	84.28	84.35	92	o93y
j25g	78.53	-25.99	72.23	76.76	110	y24l
j50g	68.25	-42.61	56.0	70.37	127	y55l
j75g	58.73	-57.99	40.99	71.02	145	y85l
g00b	55.66	-58.35	18.71	61.27	162	l12c
g25b	58.18	-46.2	-7.82	46.86	190	l45c
g50b	60.08	-37.02	-27.87	46.34	217	l78c
g75b	55.21	-20.63	-42.98	47.67	244	c16v
b00r	41.38	1.37	-45.05	45.07	272	c58v
b25r	26.43	27.03	-46.5	53.78	300	v03m
b50r	36.22	48.22	-29.42	56.48	329	v54m
b75r	47.81	72.75	-3.76	72.85	357	m10o

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



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

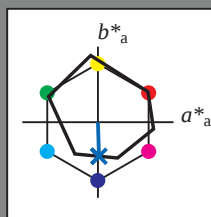
Hue texts:

$u^*_e = b00r$ $u^*_d = c58v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	46.89	66.19	40.28	77.48	31	
Y _{Ma}	88.66	-9.62	88.21	88.73	96	
L _{Ma}	54.22	-65.29	33.87	73.56	153	
C _{Ma}	61.43	-30.53	-42.04	51.96	234	
V _{Ma}	25.93	25.95	-47.37	54.01	299	
M _{Ma}	47.92	73.53	-9.02	74.08	353	
N _{Ma}	20.41	0.0	0.0	0.0	0	
W _{Ma}	94.64	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 1 -45

$LAB^*LCH^*_{Ma}$: 41 45 271

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data						
	u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	47.06	67.41	32.12	74.67	25	m84o
r25j	53.95	53.38	48.38	72.04	42	o17y
r50j	63.6	35.87	59.45	69.43	59	o42y
r75j	73.37	18.14	70.66	72.95	76	o68y
j00g	85.24	-3.4	84.28	84.35	92	o93y
j25g	78.53	-25.99	72.23	76.76	110	y24l
j50g	68.25	-42.61	56.0	70.37	127	y55l
j75g	58.73	-57.99	40.99	71.02	145	y85l
g00b	55.66	-58.35	18.71	61.27	162	l12c
g25b	58.18	-46.2	-7.82	46.86	190	l45c
g50b	60.08	-37.02	-27.87	46.34	217	l78c
g75b	55.21	-20.63	-42.98	47.67	244	c16v
b00r	41.38	1.37	-45.05	45.07	272	c58v
b25r	26.43	27.03	-46.5	53.78	300	v03m
b50r	36.22	48.22	-29.42	56.48	329	v54m
b75r	47.81	72.75	-3.76	72.85	357	m10o

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

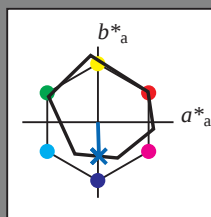
$i^*=0.40$

$i^*=0.20$

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u_e^* = b00r$ $u_d^* = c58v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	46.89	66.19	40.28	77.48	31	
Y _{Ma}	88.66	-9.62	88.21	88.73	96	
L _{Ma}	54.22	-65.29	33.87	73.56	153	
C _{Ma}	61.43	-30.53	-42.04	51.96	234	
V _{Ma}	25.93	25.95	-47.37	54.01	299	
M _{Ma}	47.92	73.53	-9.02	74.08	353	
N _{Ma}	20.41	0.0	0.0	0.0	0	
W _{Ma}	94.64	0.0	0.0	0.0	0	
R _{Ma}	39.92	58.74	27.99	65.07	25	
J _{Ma}	81.26	-2.89	71.56	71.62	92	
G _{Ma}	52.23	-42.42	13.6	44.55	162	
B _{Ma}	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 1 -45

$LAB^*LCH^*_{Ma}$: 41 45 271

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

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

triangle lightness t^*

%Gamut

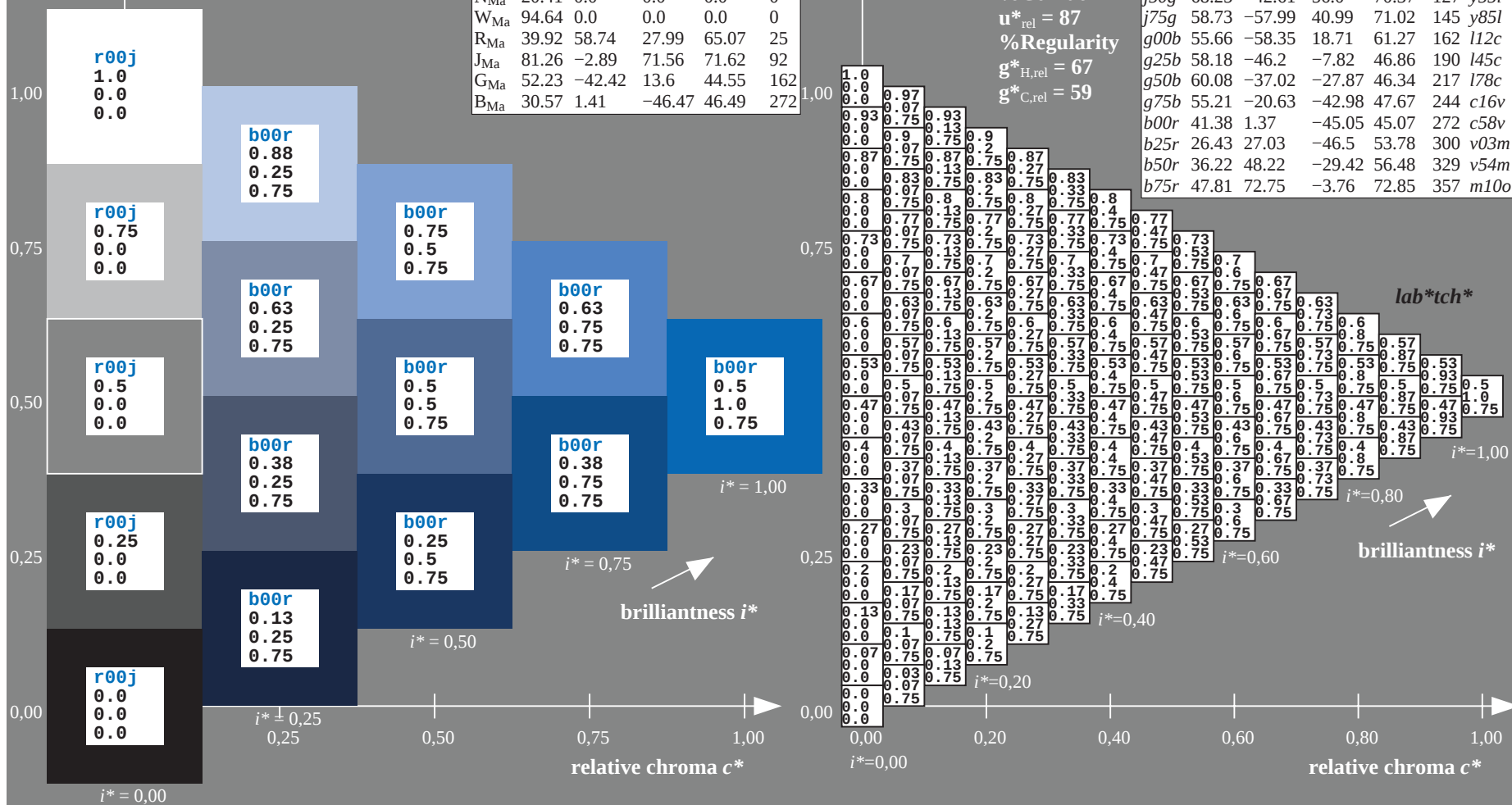
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

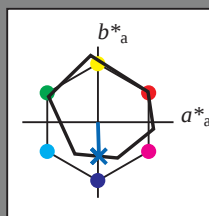
ORS20_95a; adapted (a) CIELAB data						
	u_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	47.06	67.41	32.12	74.67	25	m84o
r25j	53.95	53.38	48.38	72.04	42	o17y
r50j	63.6	35.87	59.45	69.43	59	o42y
r75j	73.37	18.14	70.66	72.95	76	o68y
j00g	85.24	-3.4	84.28	84.35	92	o93y
j25g	78.53	-25.99	72.23	76.76	110	y24l
j50g	68.25	-42.61	56.0	70.37	127	y55l
j75g	58.73	-57.99	40.99	71.02	145	y85l
g00b	55.66	-58.35	18.71	61.27	162	l12c
g25b	58.18	-46.2	-7.82	46.86	190	l45c
g50b	60.08	-37.02	-27.87	46.34	217	l78c
g75b	55.21	-20.63	-42.98	47.67	244	c16v
b00r	41.38	1.37	-45.05	45.07	272	c58v
b25r	26.43	27.03	-46.5	53.78	300	v03m
b50r	36.22	48.22	-29.42	56.48	329	v54m
b75r	47.81	72.75	-3.76	72.85	357	m10o



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:

$u^*_e = b00r$ $u^*_d = c58v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	46.89	66.19	40.28	77.48	31
Y _{Ma}	88.66	-9.62	88.21	88.73	96
L _{Ma}	54.22	-65.29	33.87	73.56	153
C _{Ma}	61.43	-30.53	-42.04	51.96	234
V _{Ma}	25.93	25.95	-47.37	54.01	299
M _{Ma}	47.92	73.53	-9.02	74.08	353
N _{Ma}	20.41	0.0	0.0	0.0	0
W _{Ma}	94.64	0.0	0.0	0.0	0
R _{Ma}	39.92	58.74	27.99	65.07	25
J _{Ma}	81.26	-2.89	71.56	71.62	92
G _{Ma}	52.23	-42.42	13.6	44.55	162
B _{Ma}	30.57	1.41	-46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 1 -45

$LAB^*LCH^*_{Ma}$: 41 45 271

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	47.06	67.41	32.12	74.67	25
r25j	53.95	53.38	48.38	72.04	42
r50j	63.6	35.87	59.45	69.43	59
r75j	73.37	18.14	70.66	72.95	76
j00g	85.24	-3.4	84.28	84.35	92
j25g	78.53	-25.99	72.23	76.76	110
j50g	68.25	-42.61	56.0	70.37	127
j75g	58.73	-57.99	40.99	71.02	145
g00b	55.66	-58.35	18.71	61.27	162
g25b	58.18	-46.2	-7.82	46.86	190
g50b	60.08	-37.02	-27.87	46.34	217
g75b	55.21	-20.63	-42.98	47.67	244
b00r	41.38	1.37	-45.05	45.07	272
b25r	26.43	27.03	-46.5	53.78	300
b50r	36.22	48.22	-29.42	56.48	329
b75r	47.81	72.75	-3.76	72.85	357

$lab^*icu^*_d$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

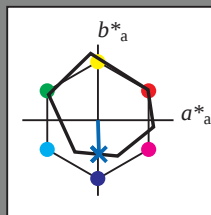
$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u^*_e = b00r$ $u^*_d = c58v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95; CIELAB data						
u^*_e	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	46.89	66.08	41.48	78.02	32	
Y _M	88.66	-10.34	90.28	90.87	97	
L _M	54.22	-65.51	35.22	74.38	152	
C _M	61.43	-30.85	-40.54	50.94	233	
V _M	25.93	26.15	-46.61	53.44	299	
M _M	47.92	73.41	-7.8	73.82	354	
N _M	20.41	0.28	0.64	0.7	66	
W _M	94.64	-0.81	2.2	2.34	110	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

LAB^*LAB^*Ma : 41 1 -45

LAB^*LCH^*Ma : 41 45 271

lab^*rgb^*Ma : 0.0 0.0 1.0

lab^*olv^*Ma : 0.0 0.42 1.0

triangle lightness t^*

%Gamut

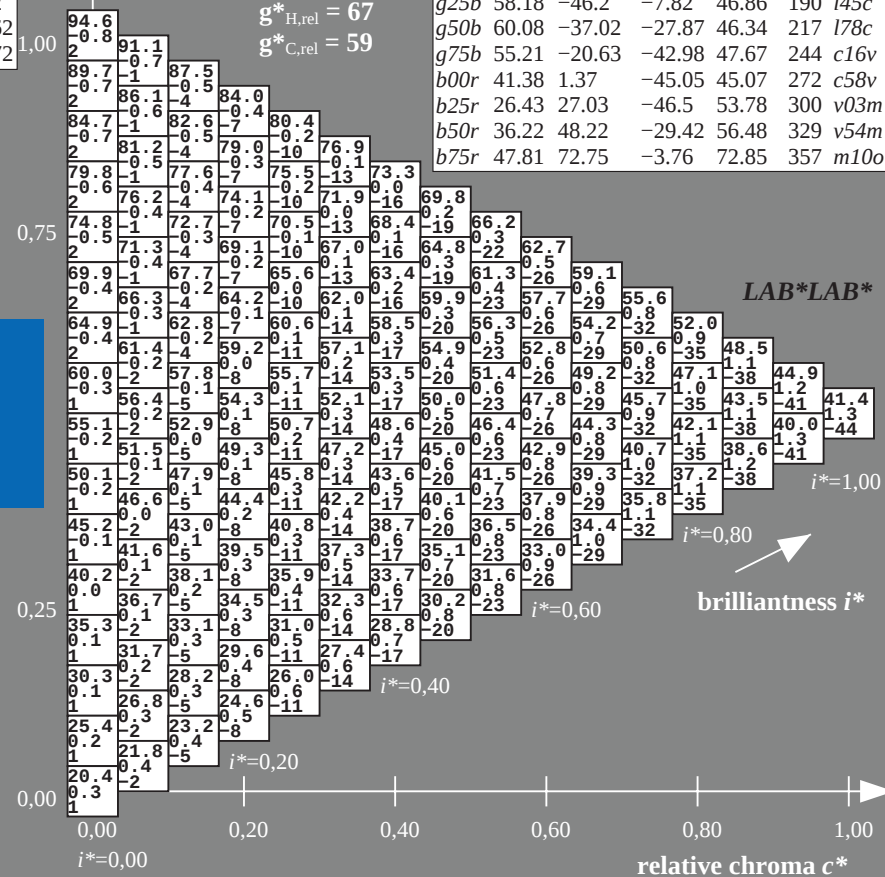
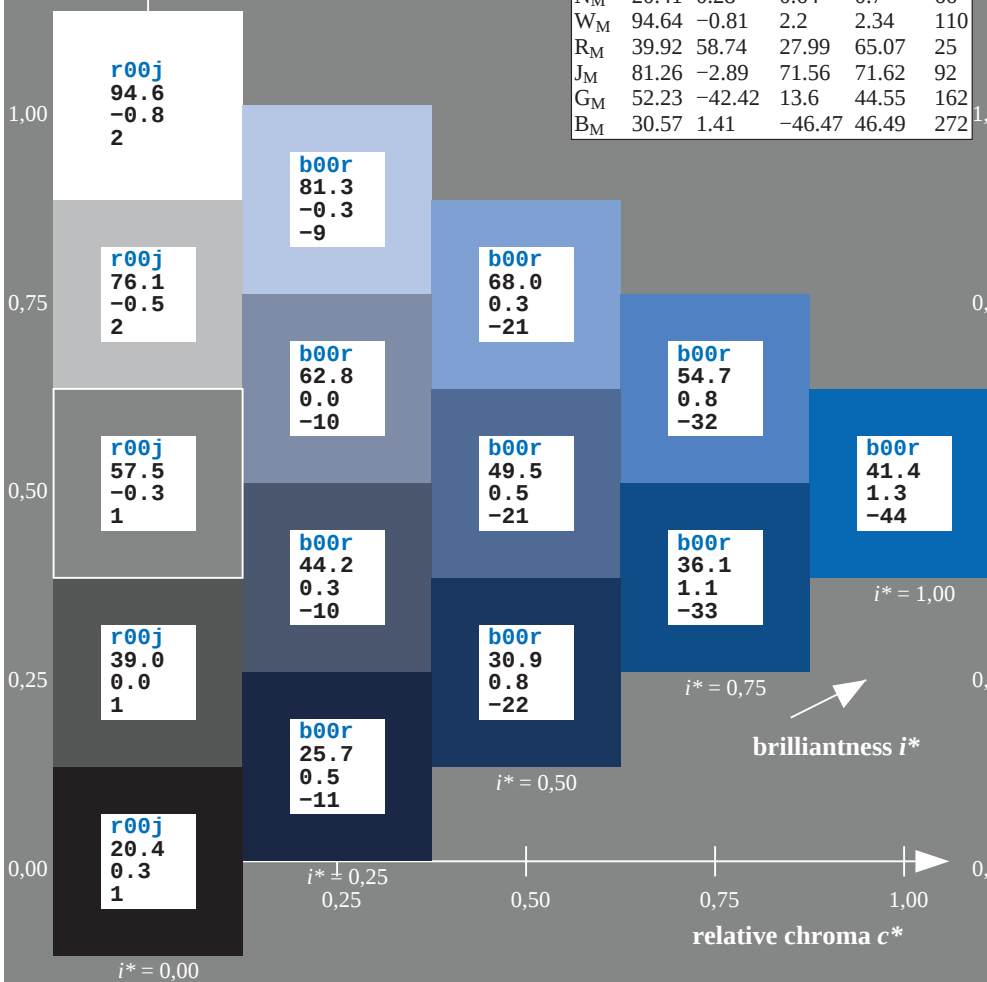
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

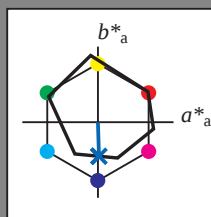
$g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data									
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d			
r00j	47.06	67.41	32.12	74.67	25	m84o			
r25j	53.95	53.38	48.38	72.04	42	o17y			
r50j	63.6	35.87	59.45	69.43	59	o42y			
r75j	73.37	18.14	70.66	72.95	76	o68y			
j00g	85.24	-3.4	84.28	84.35	92	o93y			
j25g	78.53	-25.99	72.23	76.76	110	y24l			
j50g	68.25	-42.61	56.0	70.37	127	y55l			
j75g	58.73	-57.99	40.99	71.02	145	y85l			
g00b	55.66	-58.35	18.71	61.27	162	l12c			
g25b	58.18	-46.2	-7.82	46.86	190	l45c			
g50b	60.08	-37.02	-27.87	46.34	217	l78c			
g75b	55.21	-20.63	-42.98	47.67	244	c16v			
b00r	41.38	1.37	-45.05	45.07	272	c58v			
b25r	26.43	27.03	-46.5	53.78	300	v03m			
b50r	36.22	48.22	-29.42	56.48	329	v54m			
b75r	47.81	72.75	-3.76	72.85	357	m10o			



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$
data for any colour:
 lab^*tch^* and lab^*icu^*

Hue texts:
 $u_e^* = b00r$ $u_d^* = c58v$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness t^*



ORS20_95a; CIELAB data						
u_e^*	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	46.89	66.08	41.48	78.02	32	
Y _M	88.66	-10.34	90.28	90.87	97	
L _M	54.22	-65.51	35.22	74.38	152	
C _M	61.43	-30.85	-40.54	50.94	233	
V _M	25.93	26.15	-46.61	53.44	299	
M _M	47.92	73.41	-7.8	73.82	354	
N _M	20.41	0.28	0.64	0.7	66	
W _M	94.64	-0.81	2.2	2.34	110	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 1 -45

$LAB^*LCH^*_{Ma}$: 41 45 271

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

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

triangle lightness t^*

%Gamut

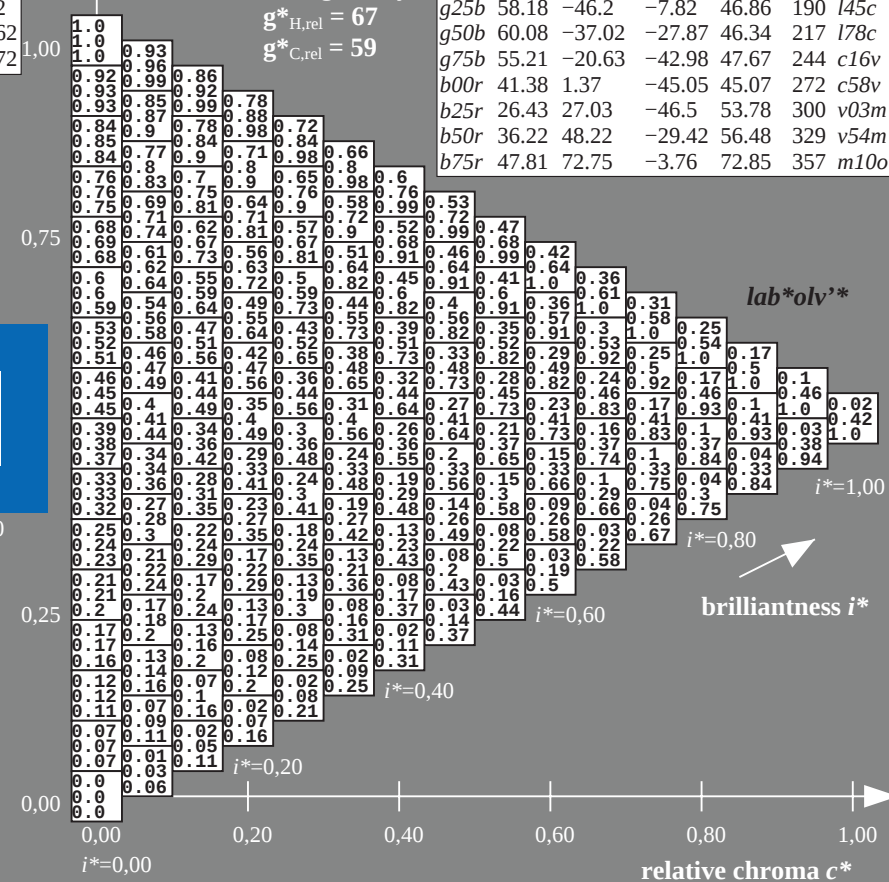
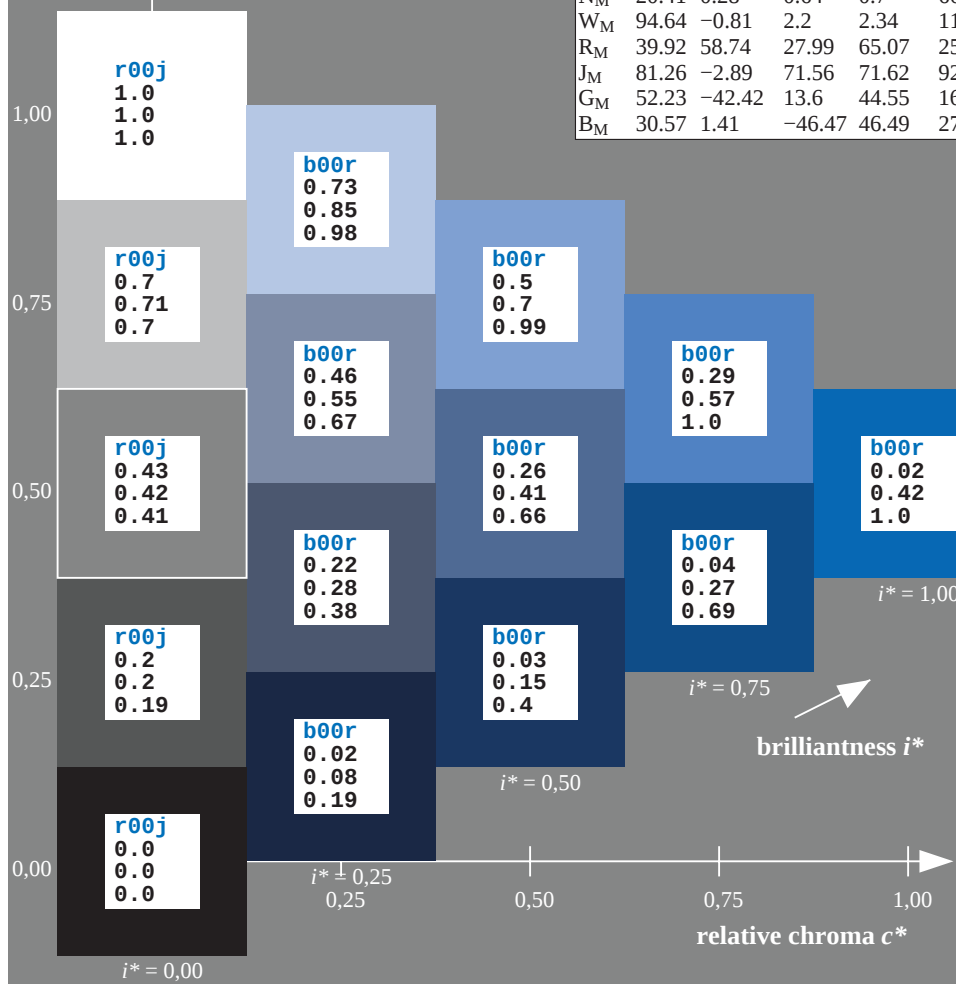
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data									
u_e^*	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d			
r00j	47.06	67.41	32.12	74.67	25	m84o			
r25j	53.95	53.38	48.38	72.04	42	o17y			
r50j	63.6	35.87	59.45	69.43	59	o42y			
r75j	73.37	18.14	70.66	72.95	76	o68y			
j00g	85.24	-3.4	84.28	84.35	92	o93y			
j25g	78.53	-25.99	72.23	76.76	110	y24l			
j50g	68.25	-42.61	56.0	70.37	127	y55l			
j75g	58.73	-57.99	40.99	71.02	145	y85l			
g00b	55.66	-58.35	18.71	61.27	162	l12c			
g25b	58.18	-46.2	-7.82	46.86	190	l45c			
g50b	60.08	-37.02	-27.87	46.34	217	l78c			
g75b	55.21	-20.63	-42.98	47.67	244	c16v			
b00r	41.38	1.37	-45.05	45.07	272	c58v			
b25r	26.43	27.03	-46.5	53.78	300	v03m			
b50r	36.22	48.22	-29.42	56.48	329	v54m			
b75r	47.81	72.75	-3.76	72.85	357	m10o			



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.755$

data for any colour:

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

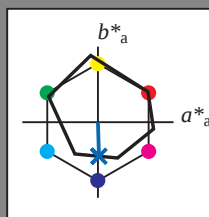
Hue texts:

$u^*_e = b00r$ $u^*_d = c58v$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS20_95a; CIELAB data						
u^*_e	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _M	46.89	66.08	41.48	78.02	32	
Y _M	88.66	-10.34	90.28	90.87	97	
L _M	54.22	-65.51	35.22	74.38	152	
C _M	61.43	-30.85	-40.54	50.94	233	
V _M	25.93	26.15	-46.61	53.44	299	
M _M	47.92	73.41	-7.8	73.82	354	
N _M	20.41	0.28	0.64	0.7	66	
W _M	94.64	-0.81	2.2	2.34	110	
R _M	39.92	58.74	27.99	65.07	25	
J _M	81.26	-2.89	71.56	71.62	92	
G _M	52.23	-42.42	13.6	44.55	162	
B _M	30.57	1.41	-46.47	46.49	272	

Data for maximum colour (Ma):

$\text{LAB}^*\text{LAB}^*_{\text{Ma}}$: 41 1 -45

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$: 41 45 271

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

$\text{lab}^*\text{olv}^*_{\text{Ma}}$: 0.0 0.42 1.0

triangle lightness t^*

%Gamut

$u^*_{\text{rel}} = 87$

%Regularity

$g^*_{H,\text{rel}} = 67$

$g^*_{C,\text{rel}} = 59$

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o
r25j	53.95	53.38	48.38	72.04	42	o17y
r50j	63.6	35.87	59.45	69.43	59	o42y
r75j	73.37	18.14	70.66	72.95	76	o68y
j00g	85.24	-3.4	84.28	84.35	92	o93y
j25g	78.53	-25.99	72.23	76.76	110	y24l
j50g	68.25	-42.61	56.0	70.37	127	y55l
j75g	58.73	-57.99	40.99	71.02	145	y85l
g00b	55.66	-58.35	18.71	61.27	162	l12c
g25b	58.18	-46.2	-7.82	46.86	190	l45c
g50b	60.08	-37.02	-27.87	46.34	217	l78c
g75b	55.21	-20.63	-42.98	47.67	244	c16v
b00r	41.38	1.37	-45.05	45.07	272	c58v
b25r	26.43	27.03	-46.5	53.78	300	v03m
b50r	36.22	48.22	-29.42	56.48	329	v54m
b75r	47.81	72.75	-3.76	72.85	357	m10o

$\text{LAB}^*\text{cmy}n^*_{\text{Ma}}$

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*