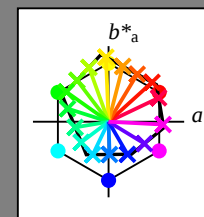


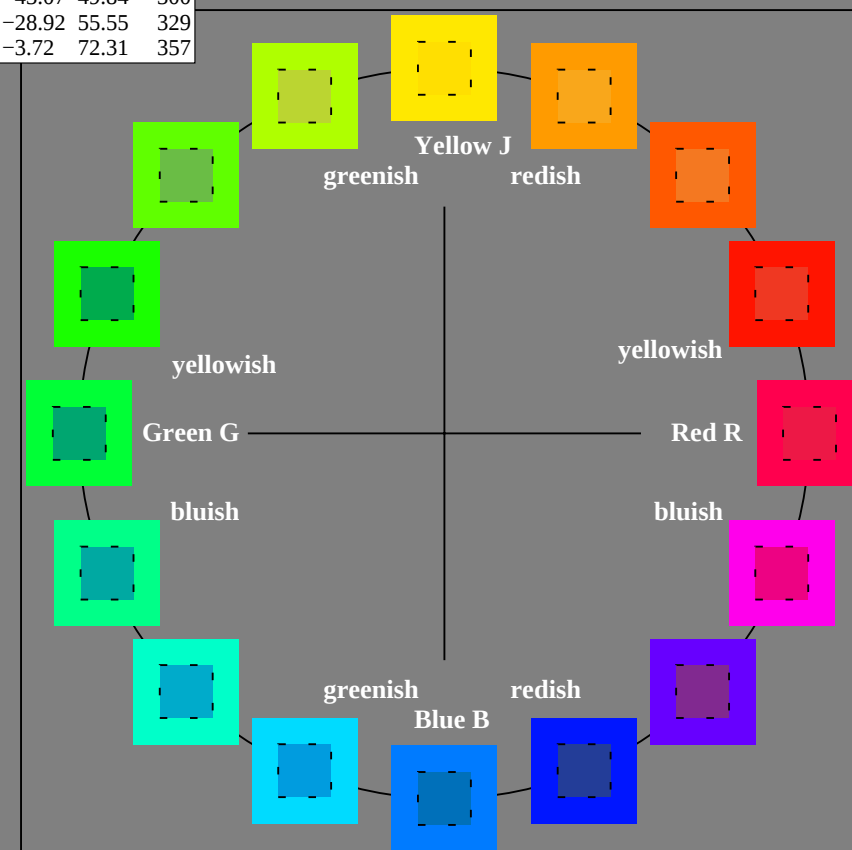
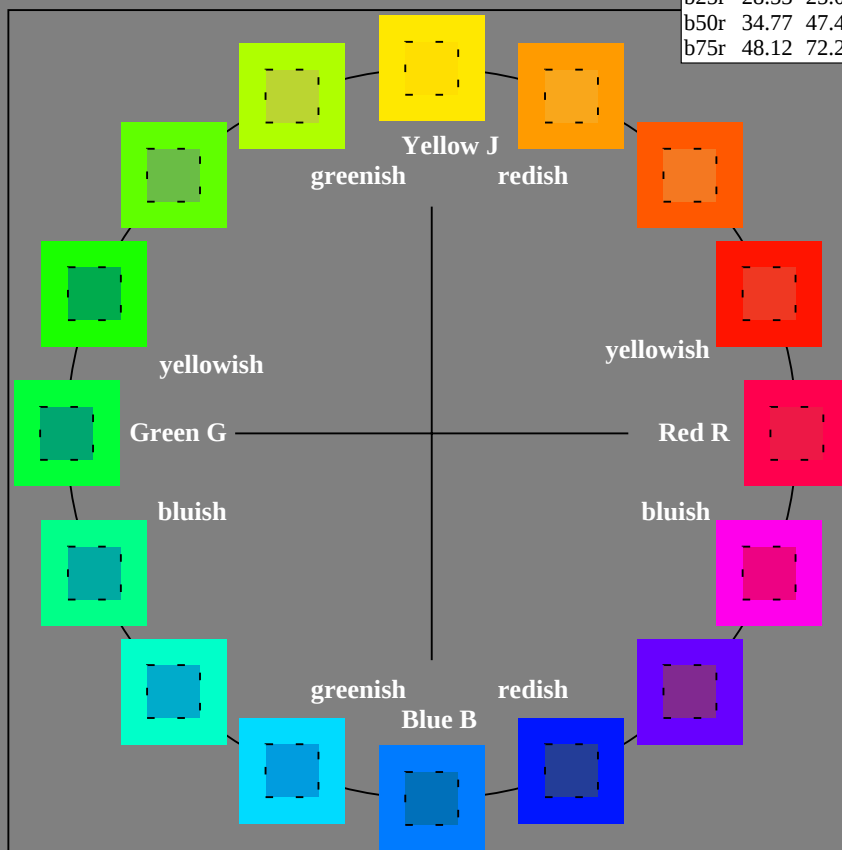
Input and output:
Colorimetric Printer Reflective System ORS20_95aM
data for any colour:
 $lab^{*}tch^{*}$ and $lab^{*}icu^{*}$
elementary hue text:
 $u^{*} = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data					
	$L^{*}=L^{*}_a$	a^{*}_a	b^{*}_a	$C^{*}_{ab,a}$	$h^{*}_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



%Gamut
 $u^{*}_{rel} = 87$
%Regularity
 $g^{*}_{H,rel} = 57$
 $g^{*}_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data					
	$L^{*}=L^{*}_a$	a^{*}_a	b^{*}_a	$C^{*}_{ab,a}$	$h^{*}_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

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

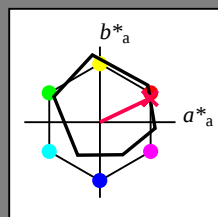
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 66 32

$LAB^*LCH^*_{Ma}$: 48 73 25

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

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

triangle lightness t^*

%Gamut

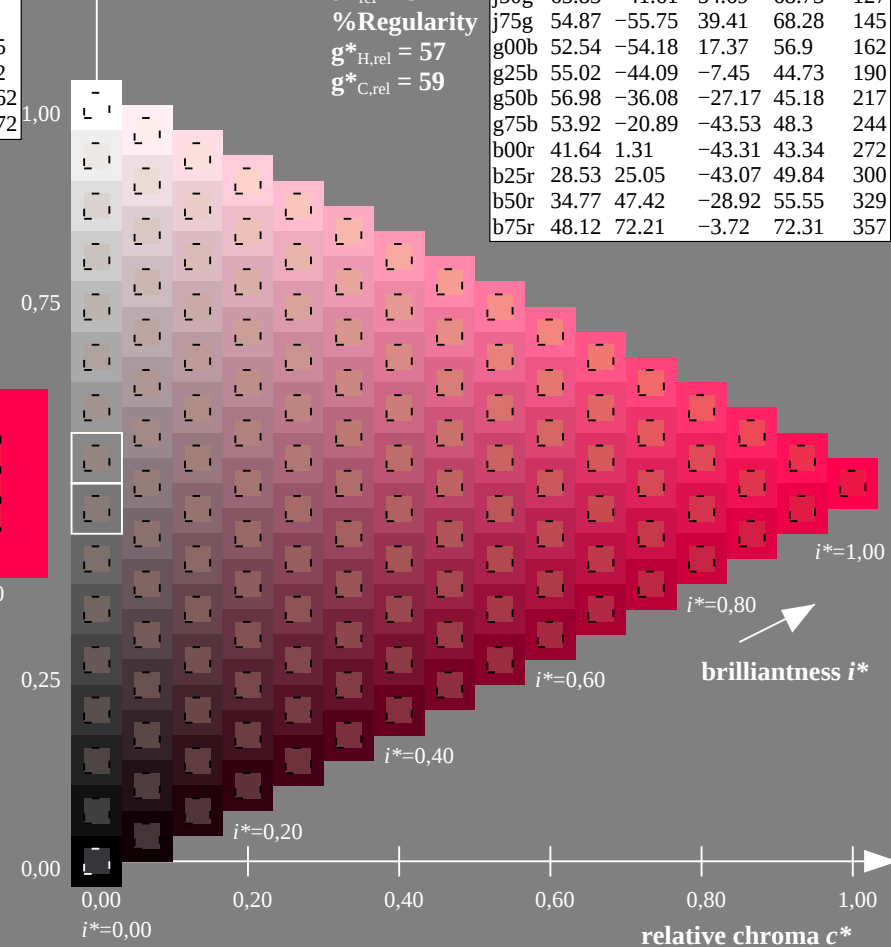
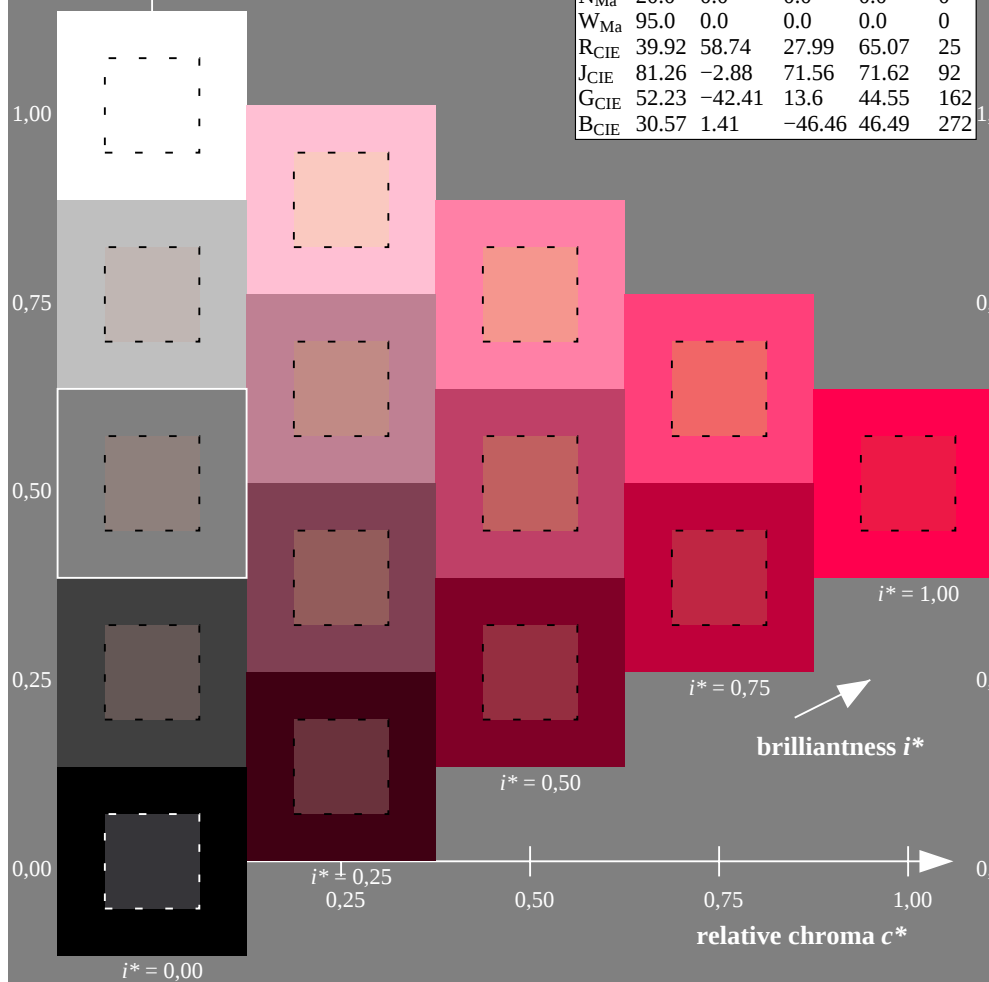
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

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

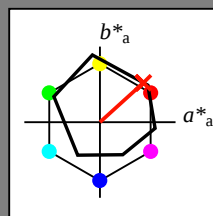
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 58 52

$LAB^*LCH^*_{Ma}$: 51 78 42

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

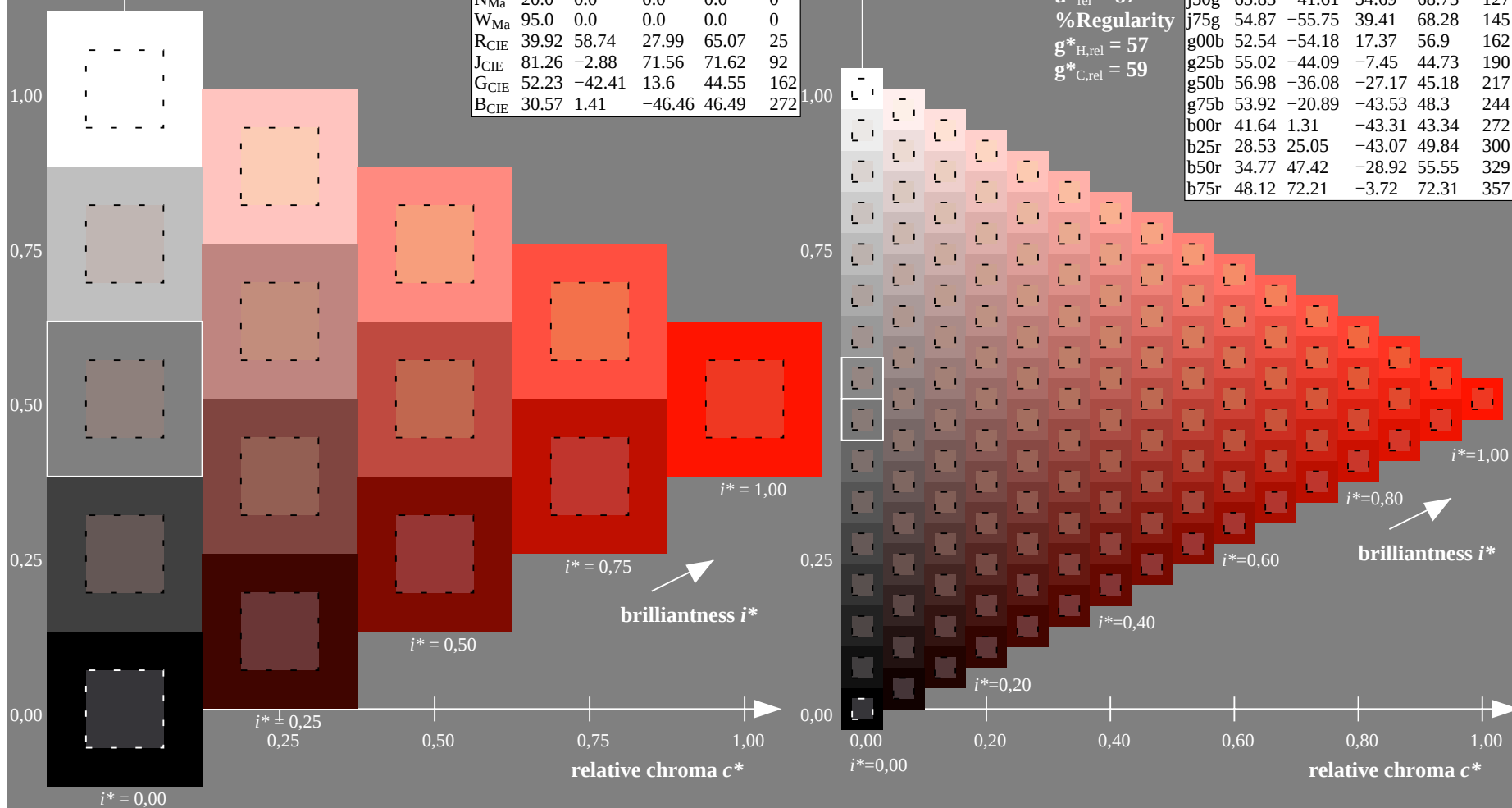
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

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

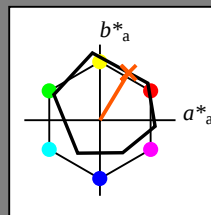
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 63 38 63

$LAB^*LCH^*_{Ma}$: 63 73 59

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

$lab^*olv^*_{Ma}$: 1.0 0.35 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

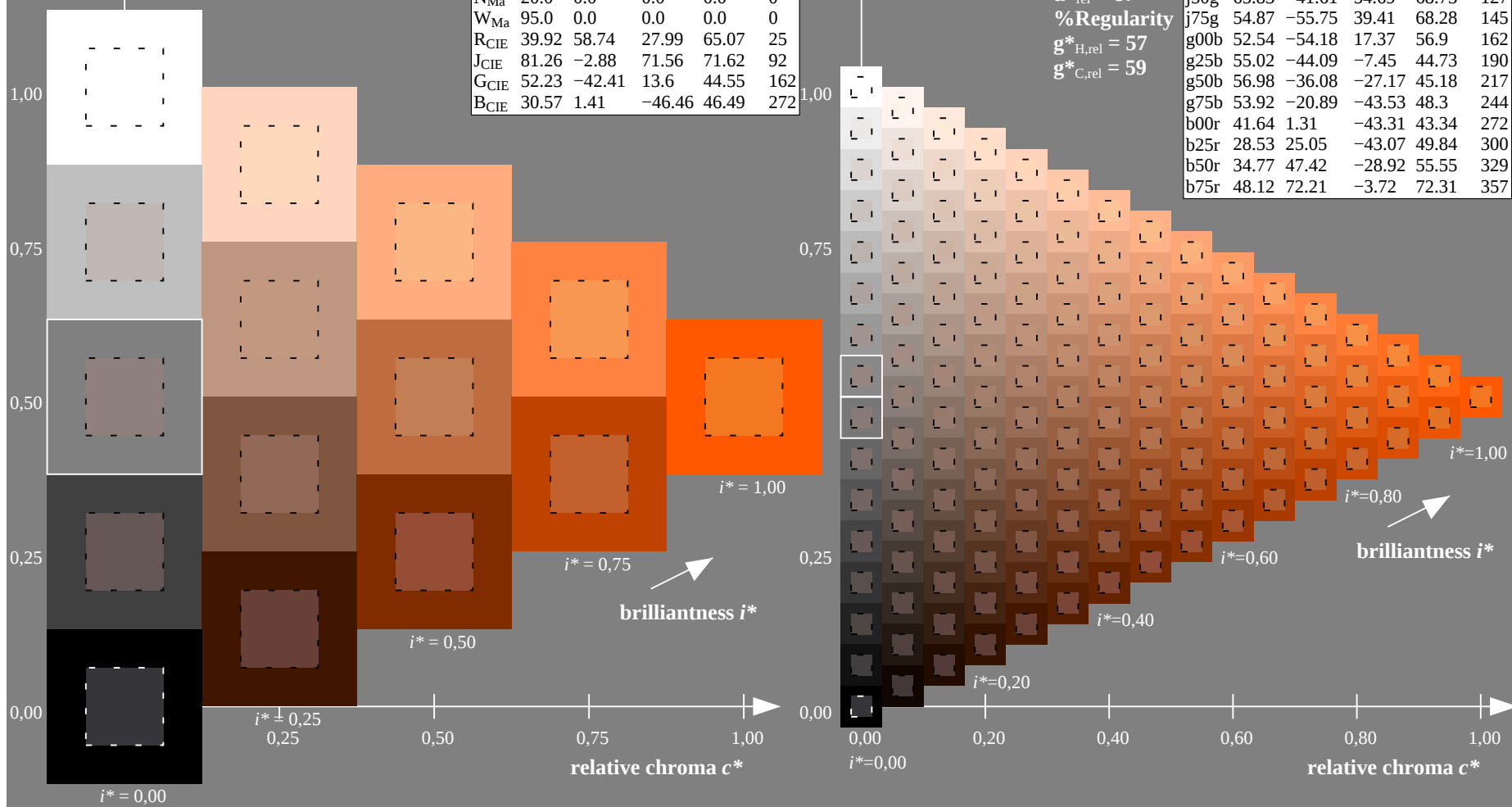
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

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

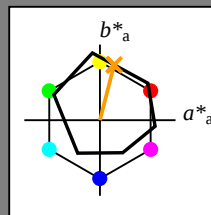
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 : 74 19 73

LAB^*LCH^*Ma : 74 76 76

lab^*rgb^*Ma : 1.0 0.75 0.0

lab^*olv^*Ma : 1.0 0.61 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

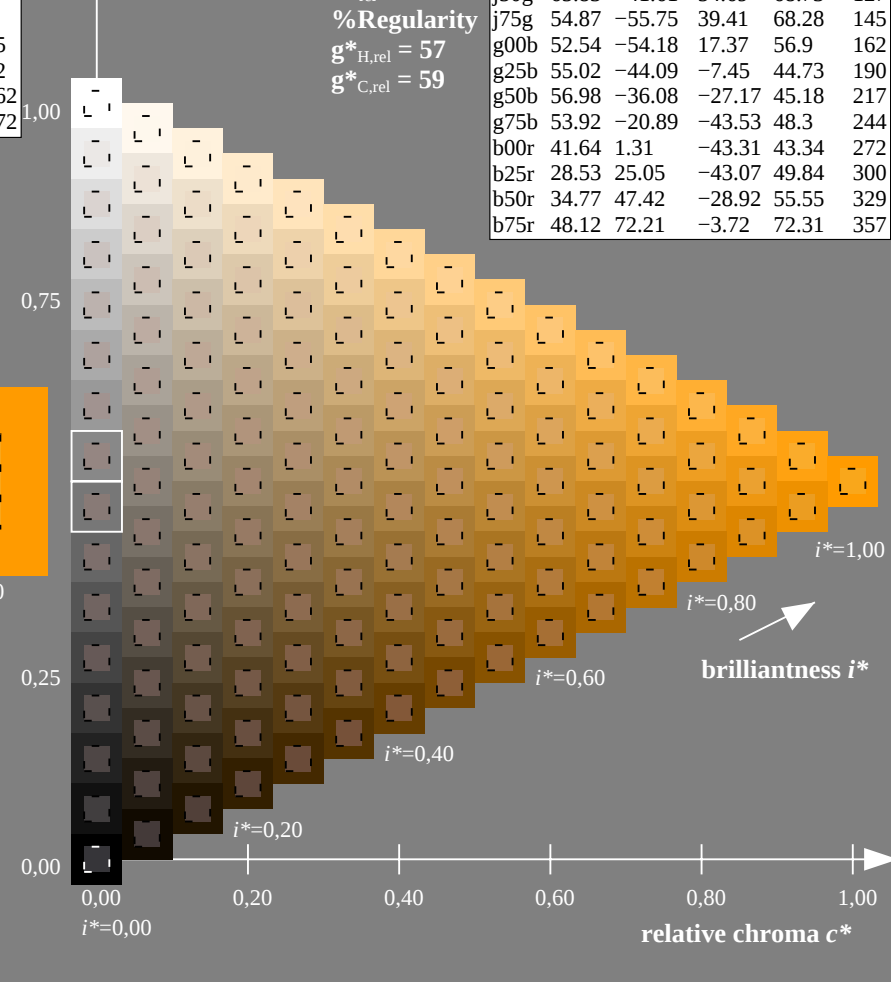
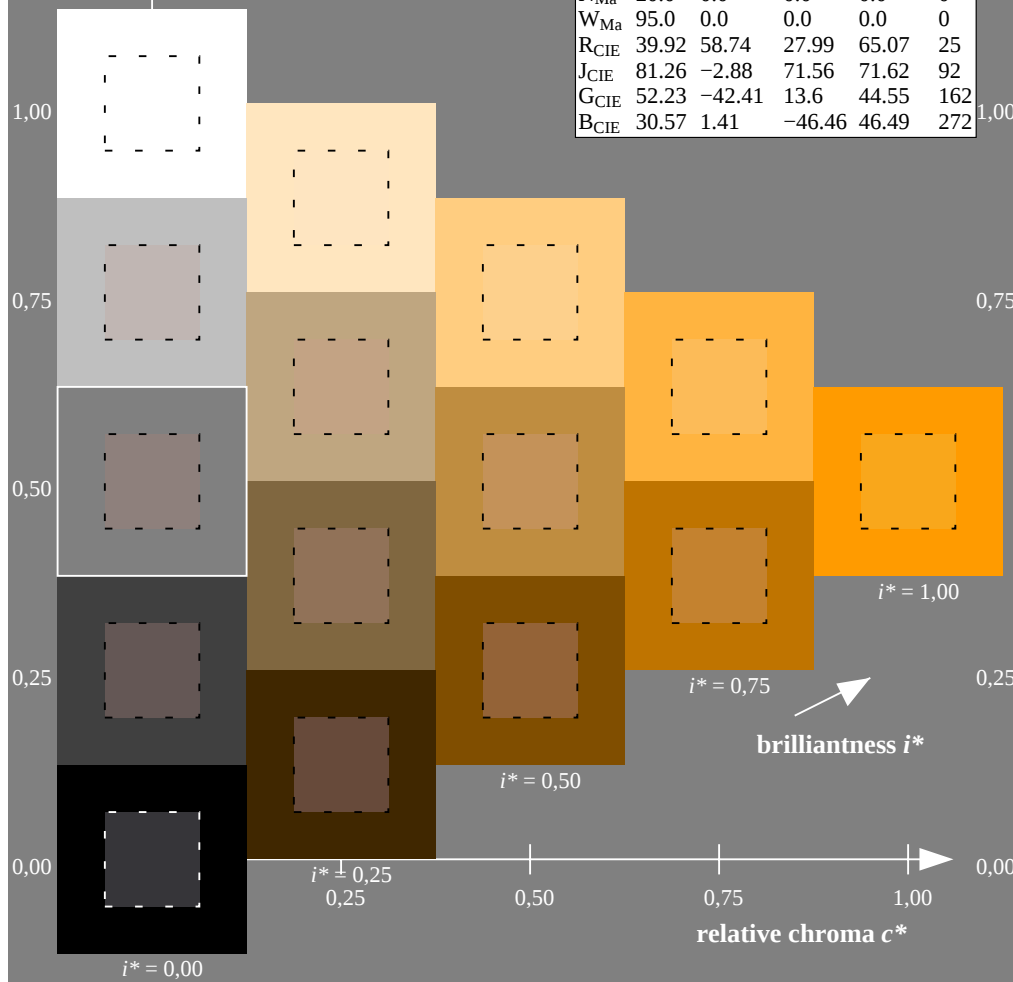
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

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

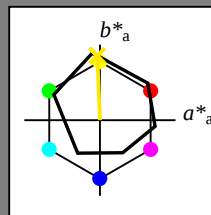
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 87 -2 85

$LAB^*LCH^*_{Ma}$: 87 85 92

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

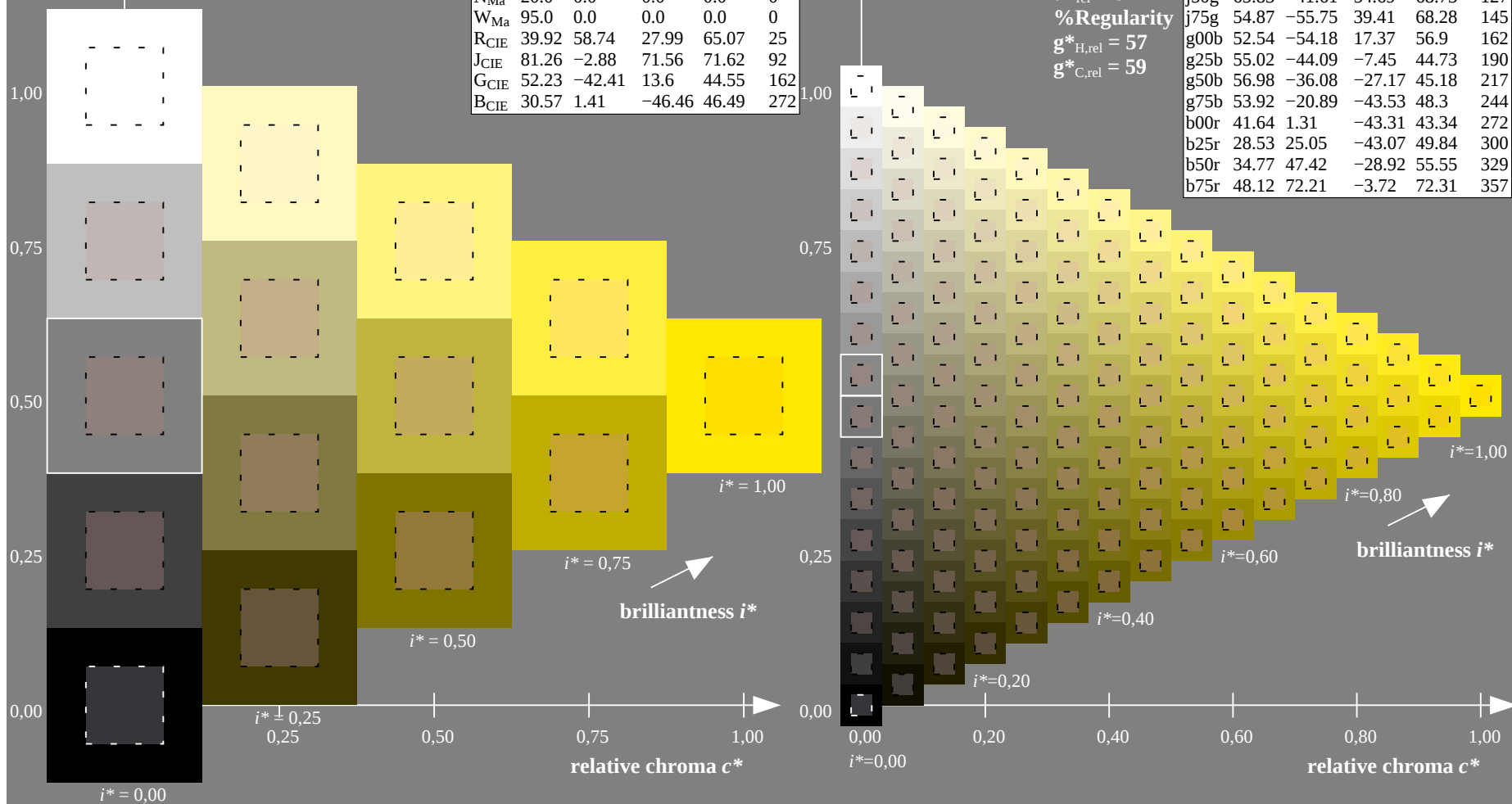
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

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

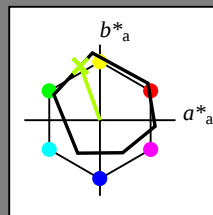
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 78 -25 72

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

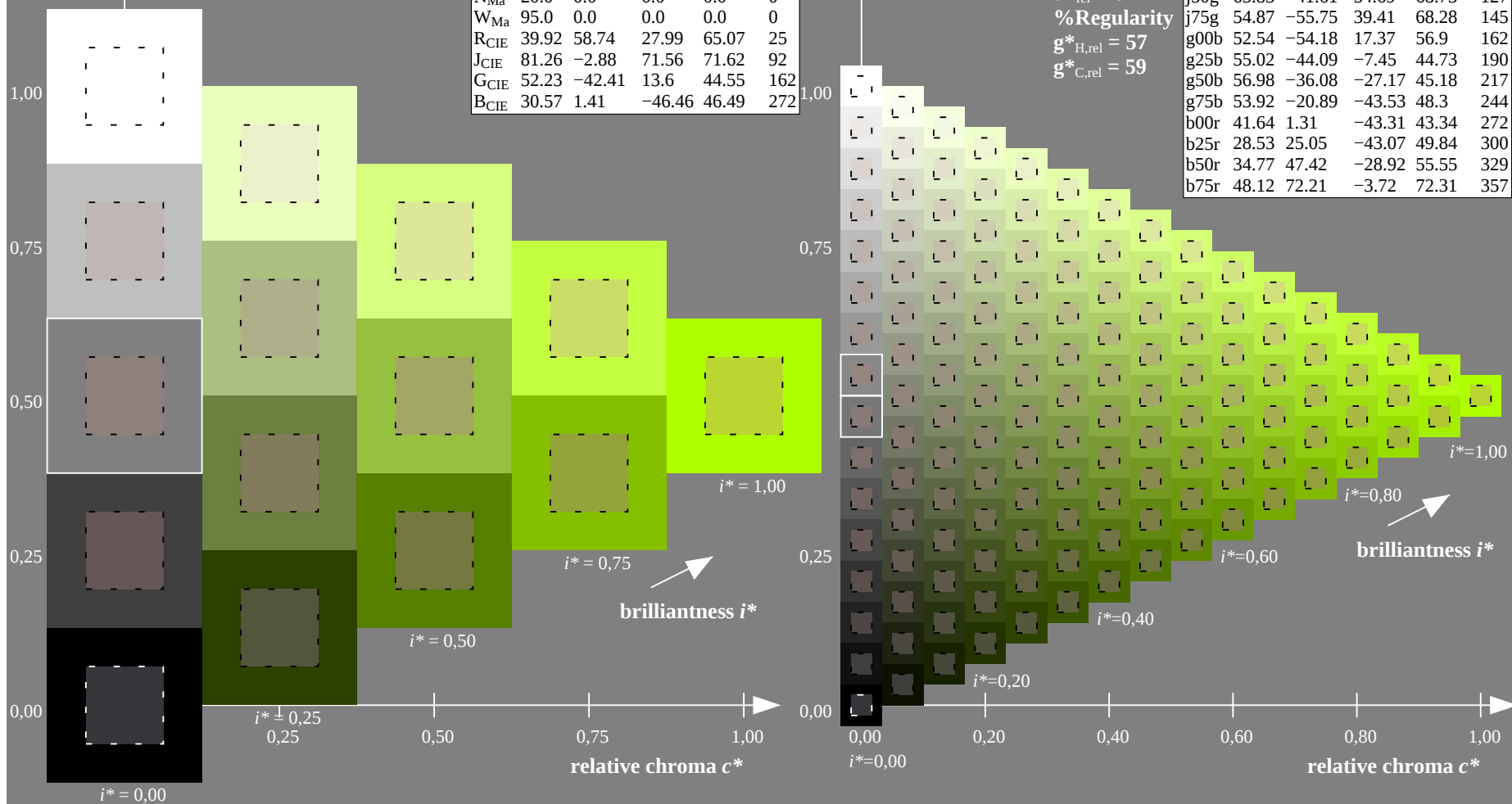
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

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

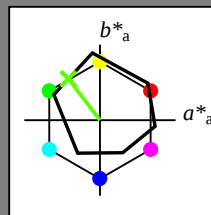
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 66 -41 55

$LAB^*LCH^*_{Ma}$: 66 69 127

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

$lab^*olv^*_{Ma}$: 0.38 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

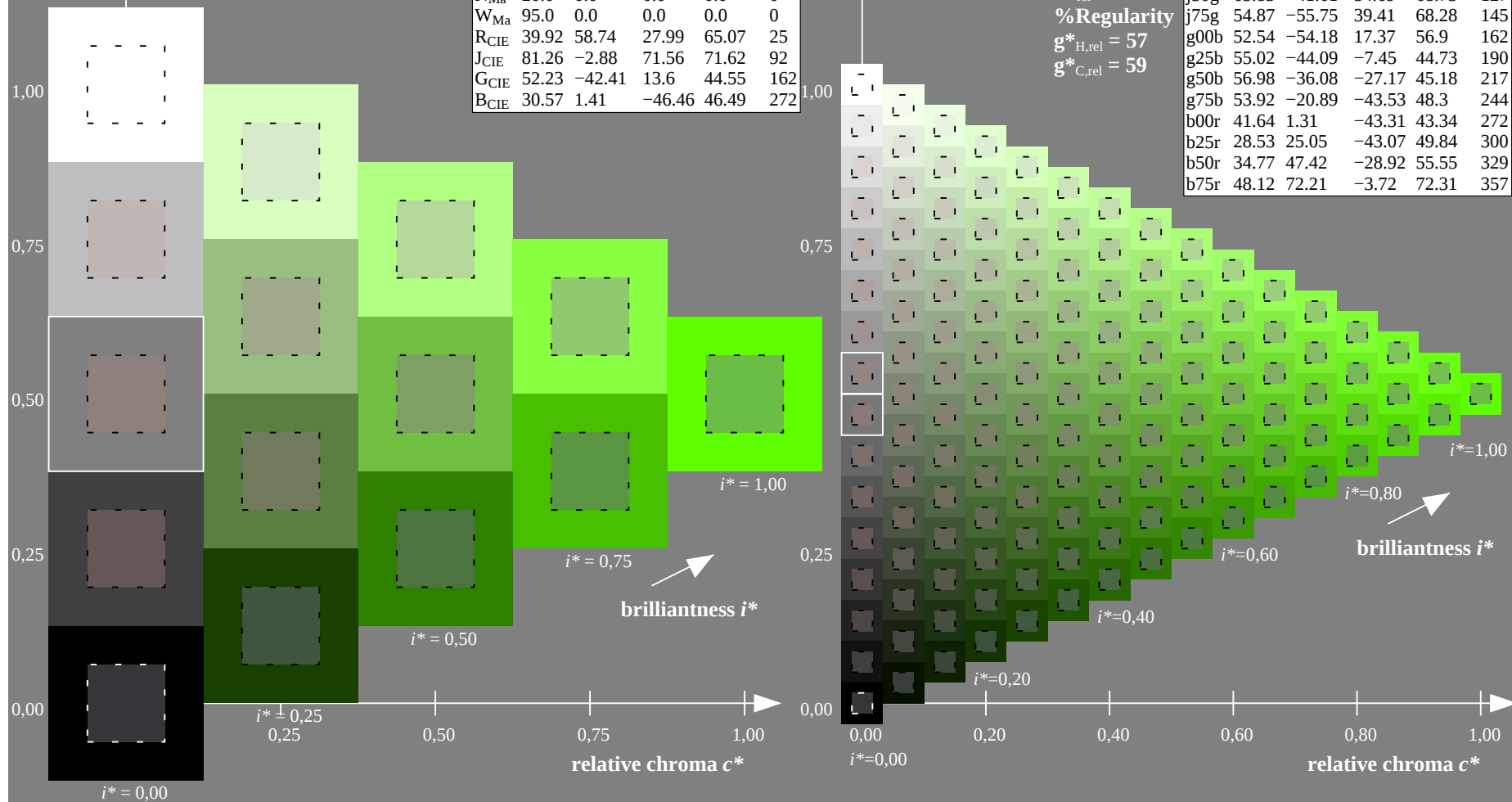
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

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

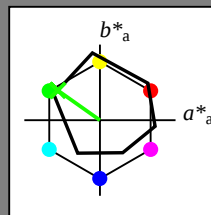
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 55 68 145

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

$lab^*olv^*_{Ma}$: 0.1 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

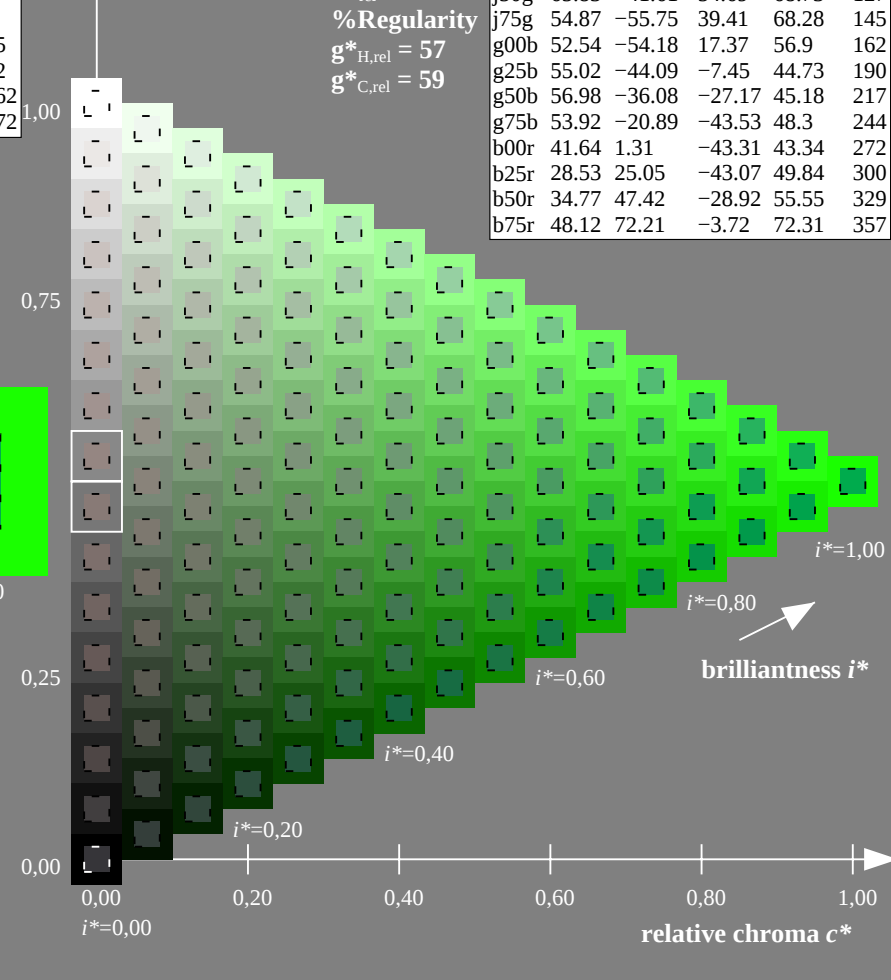
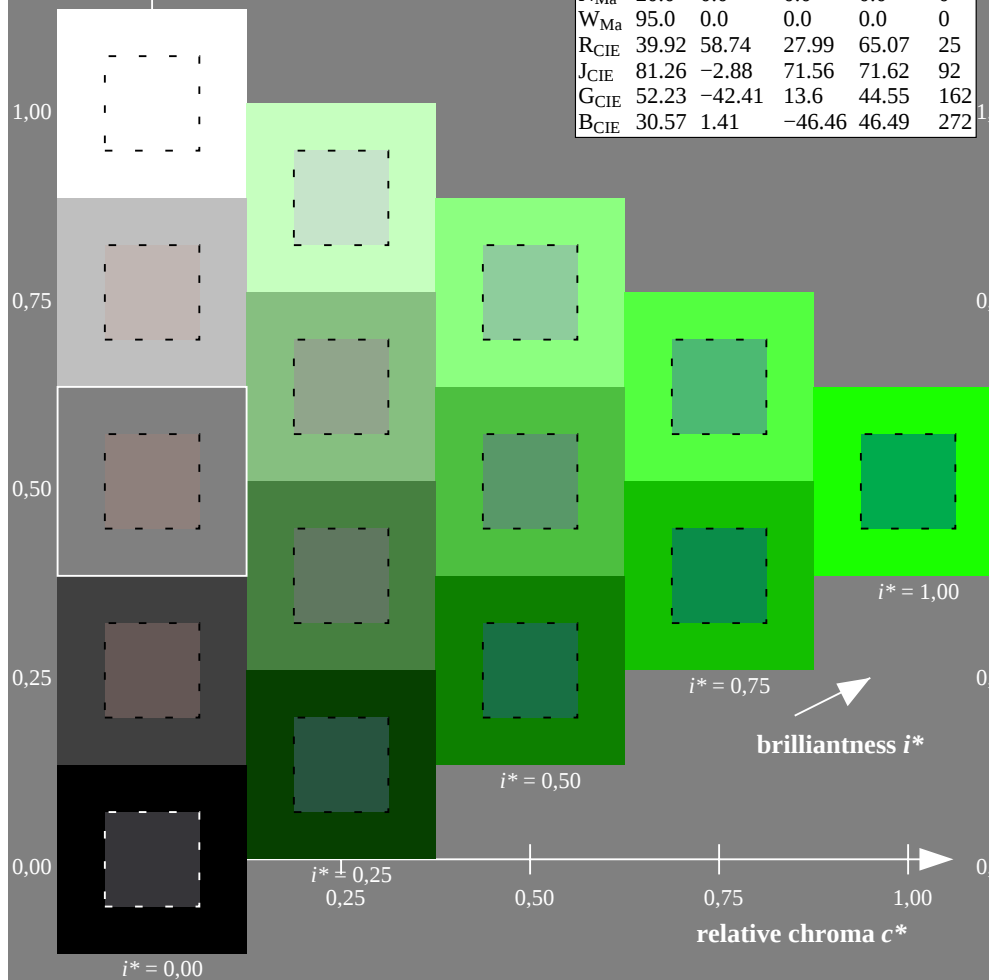
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

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

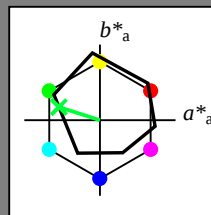
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 53 -53 17

$LAB^*LCH^*_{Ma}$: 53 57 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.21

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

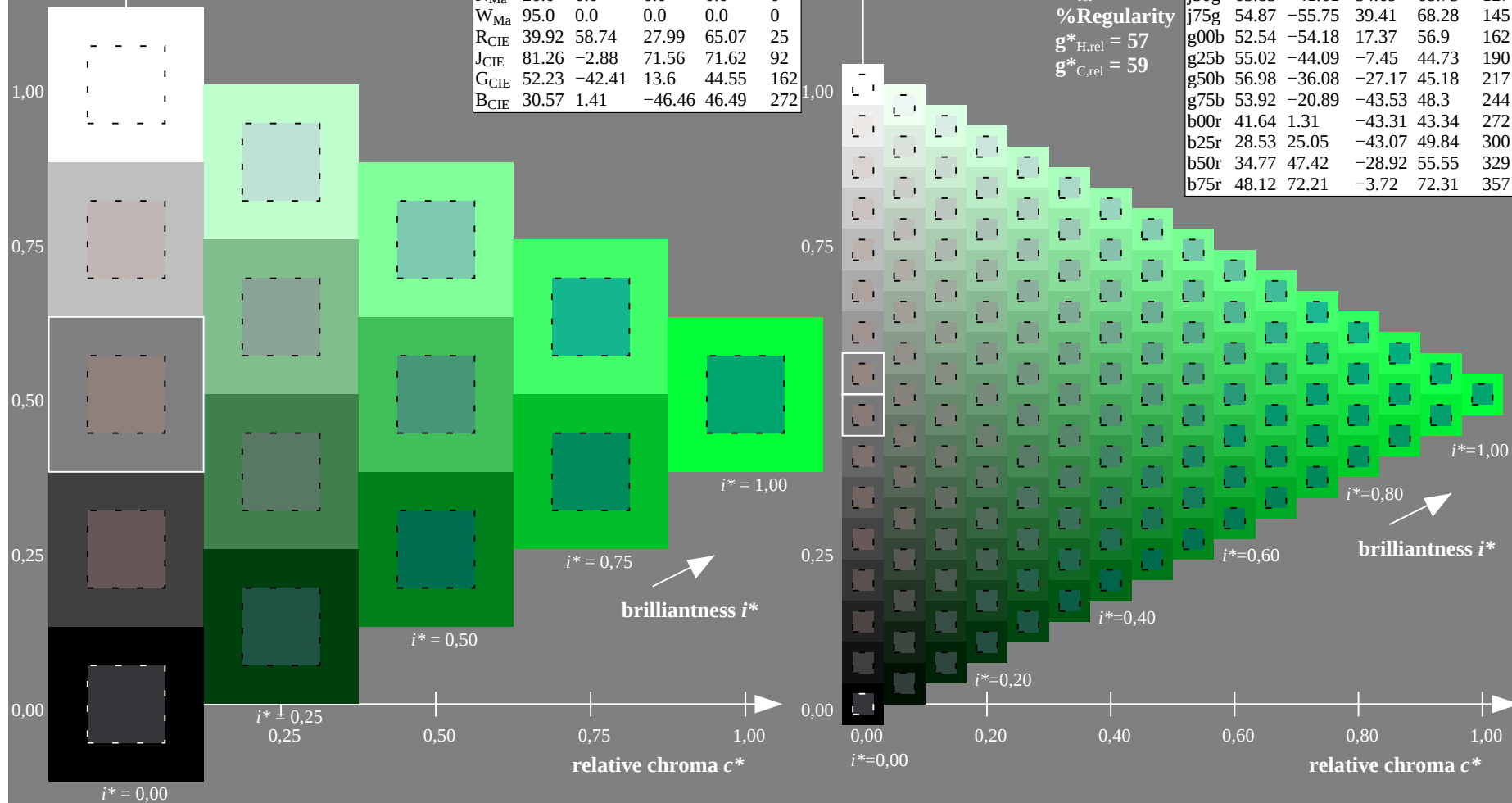
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

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

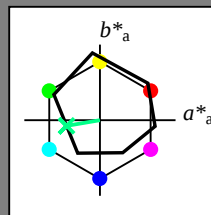
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 55 -43 -6

$LAB^*LCH^*_{Ma}$: 55 45 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.53

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

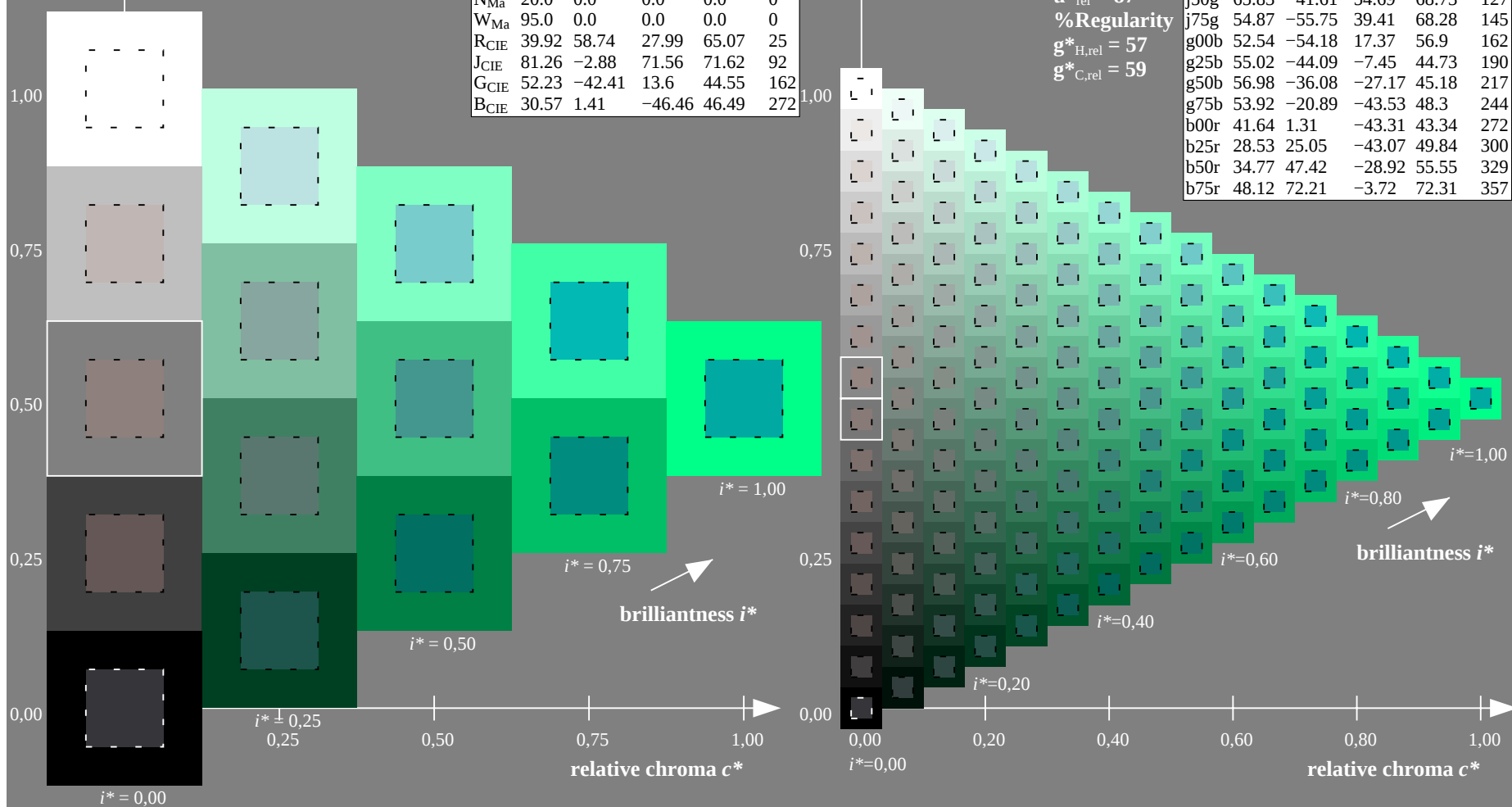
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

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

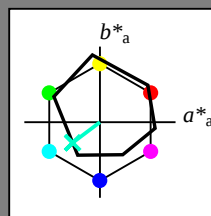
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 57 -35 -26

$LAB^*LCH^*_{Ma}$: 57 45 217

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

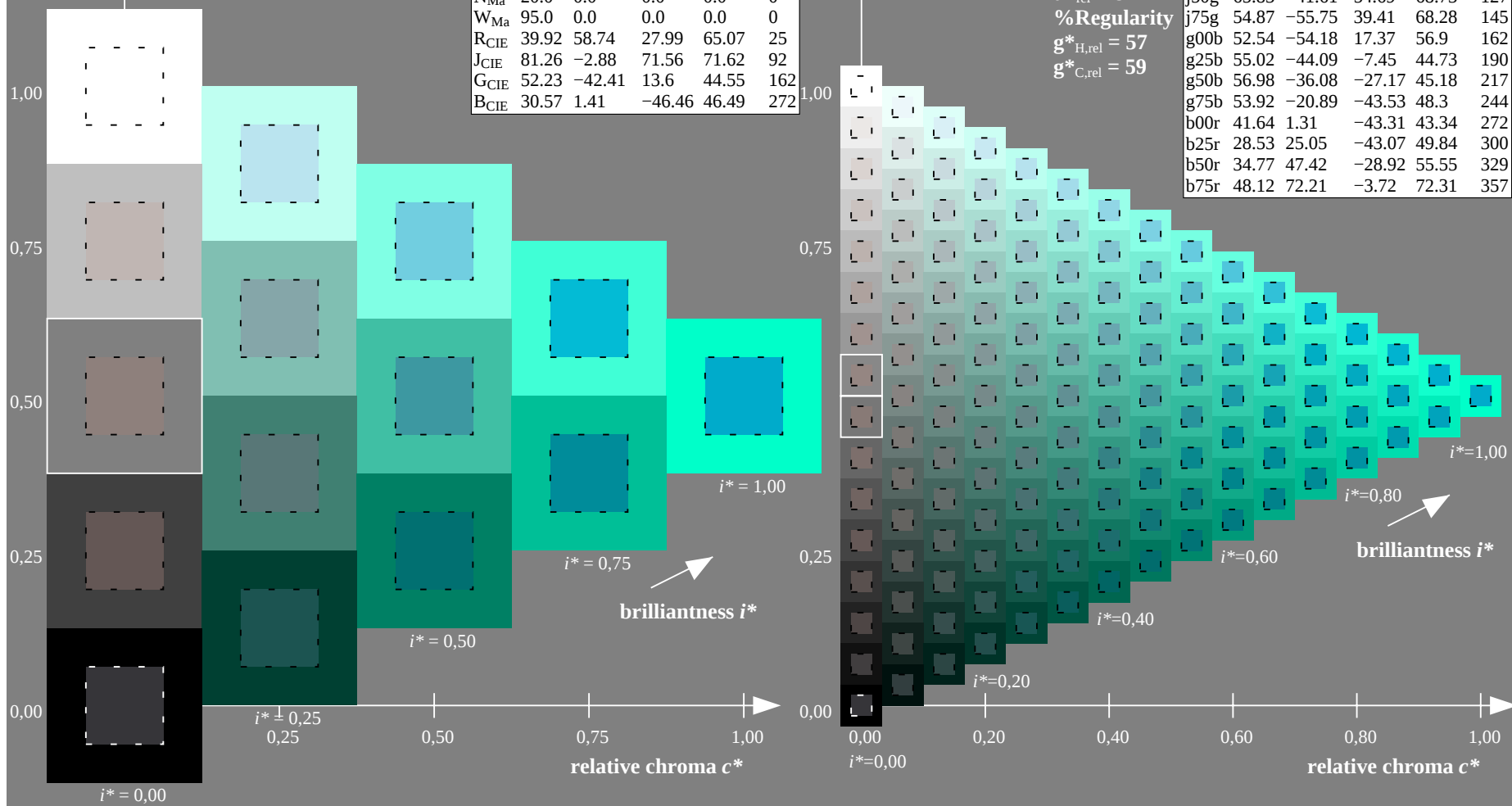
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

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

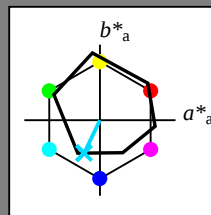
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 -20 -43

$LAB^*LCH^*_{Ma}$: 54 48 244

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

$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

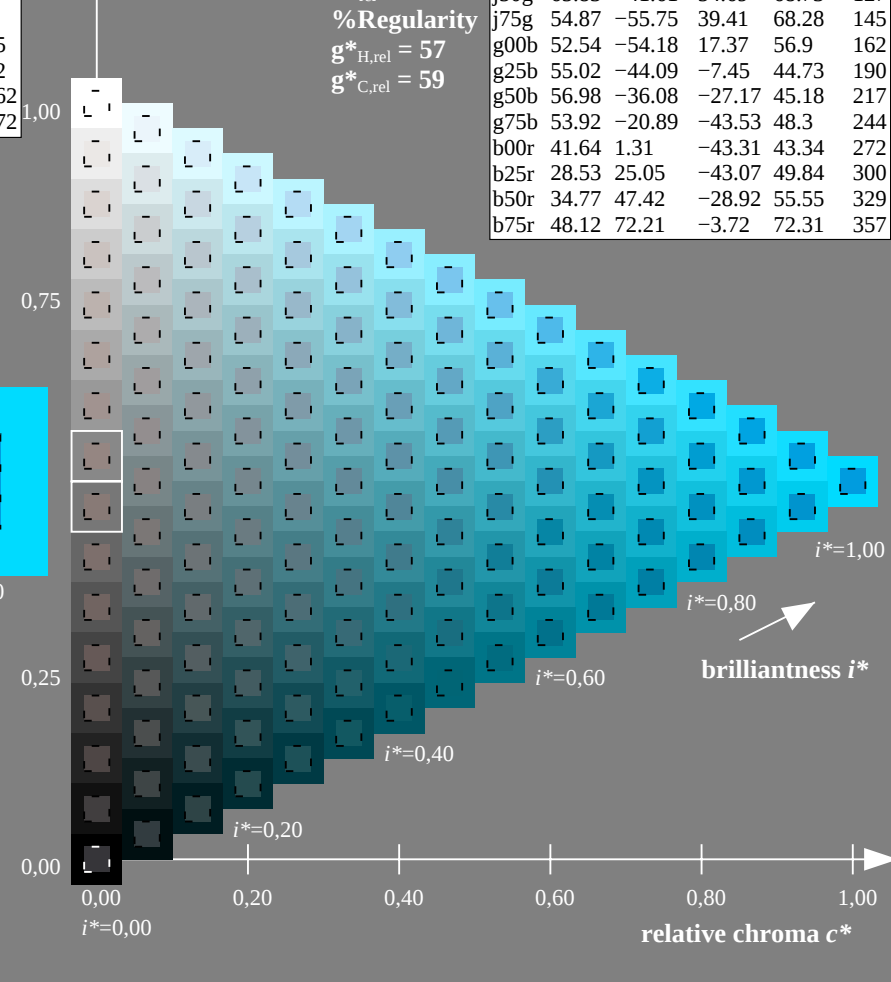
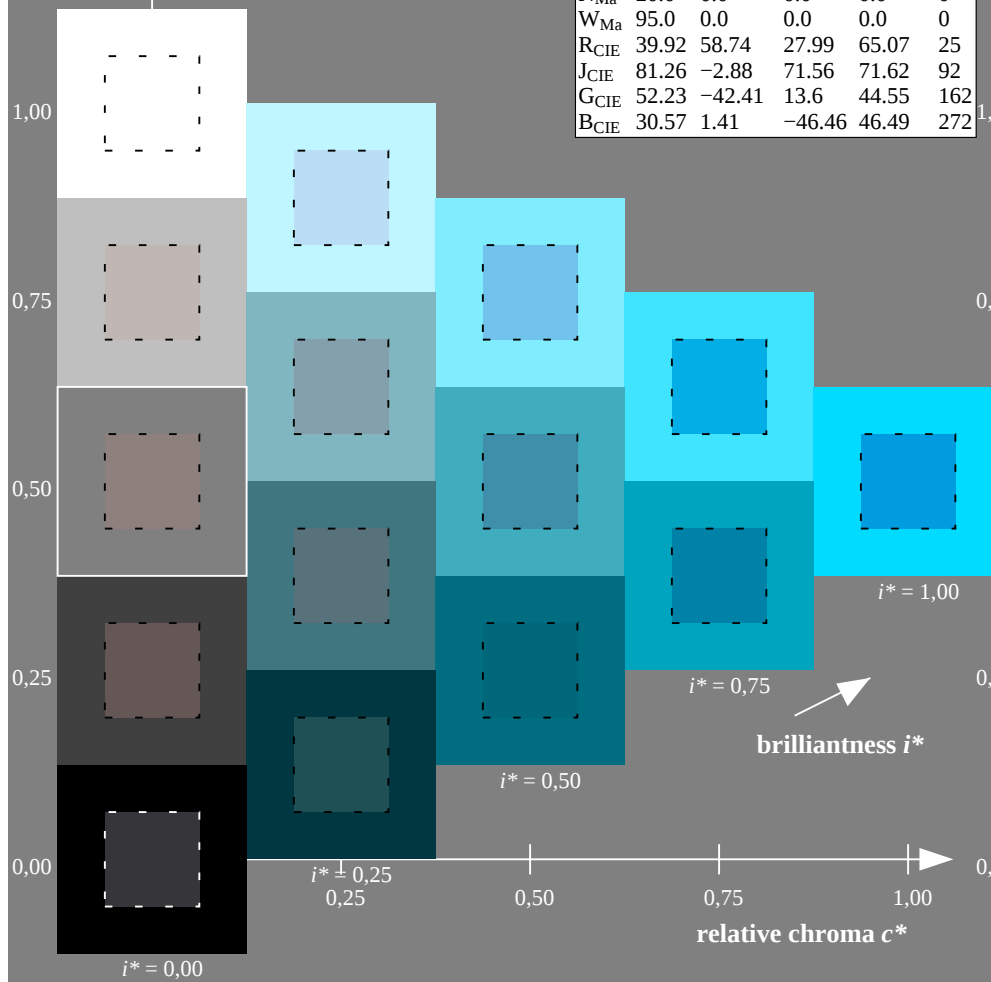
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

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

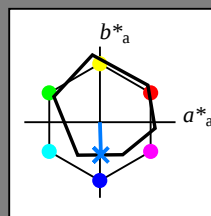
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 42 43 272

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

$lab^*olv^*_{Ma}$: 0.0 0.48 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

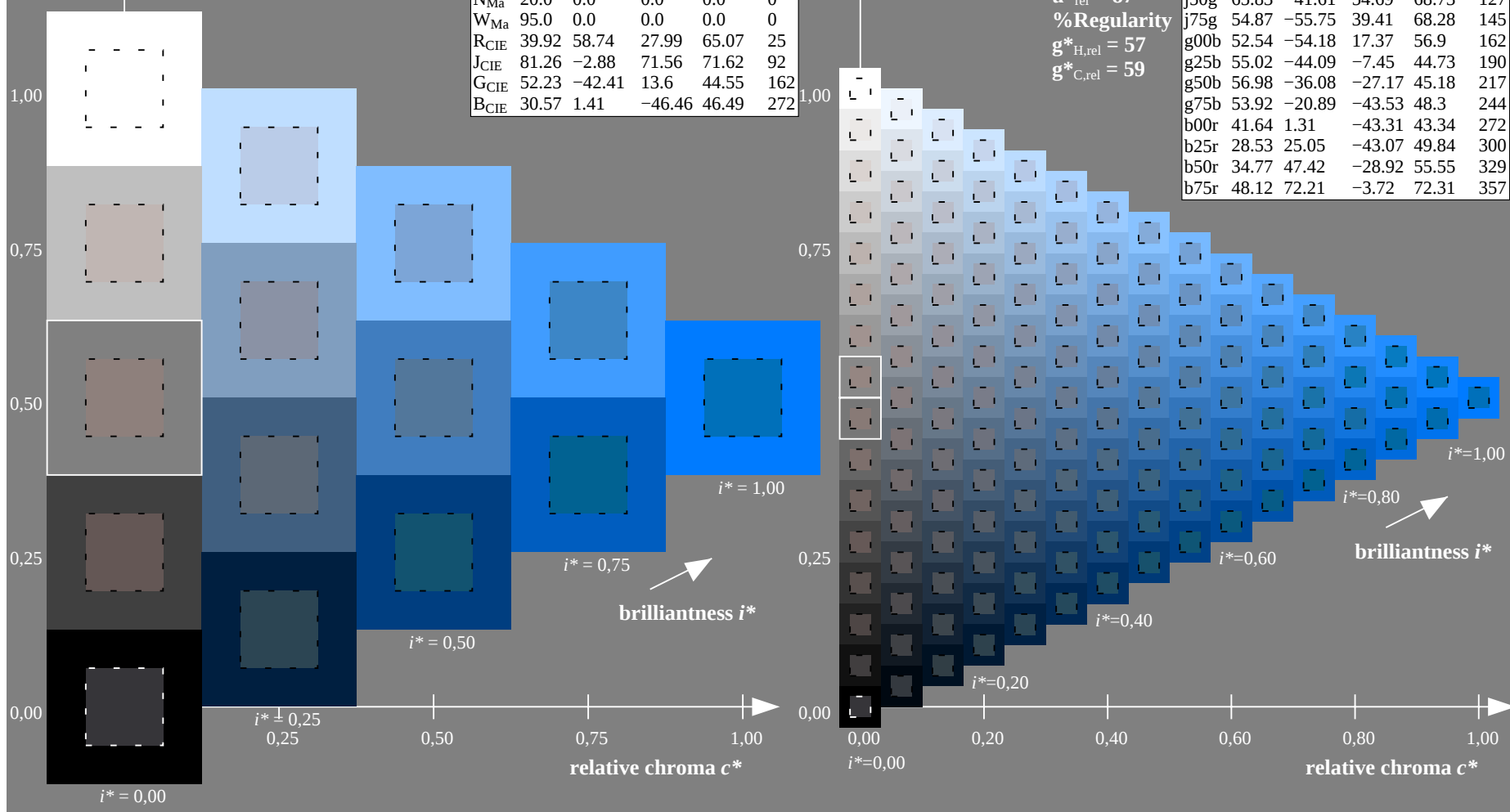
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

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

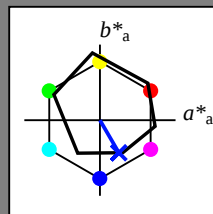
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 29 25 -42

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

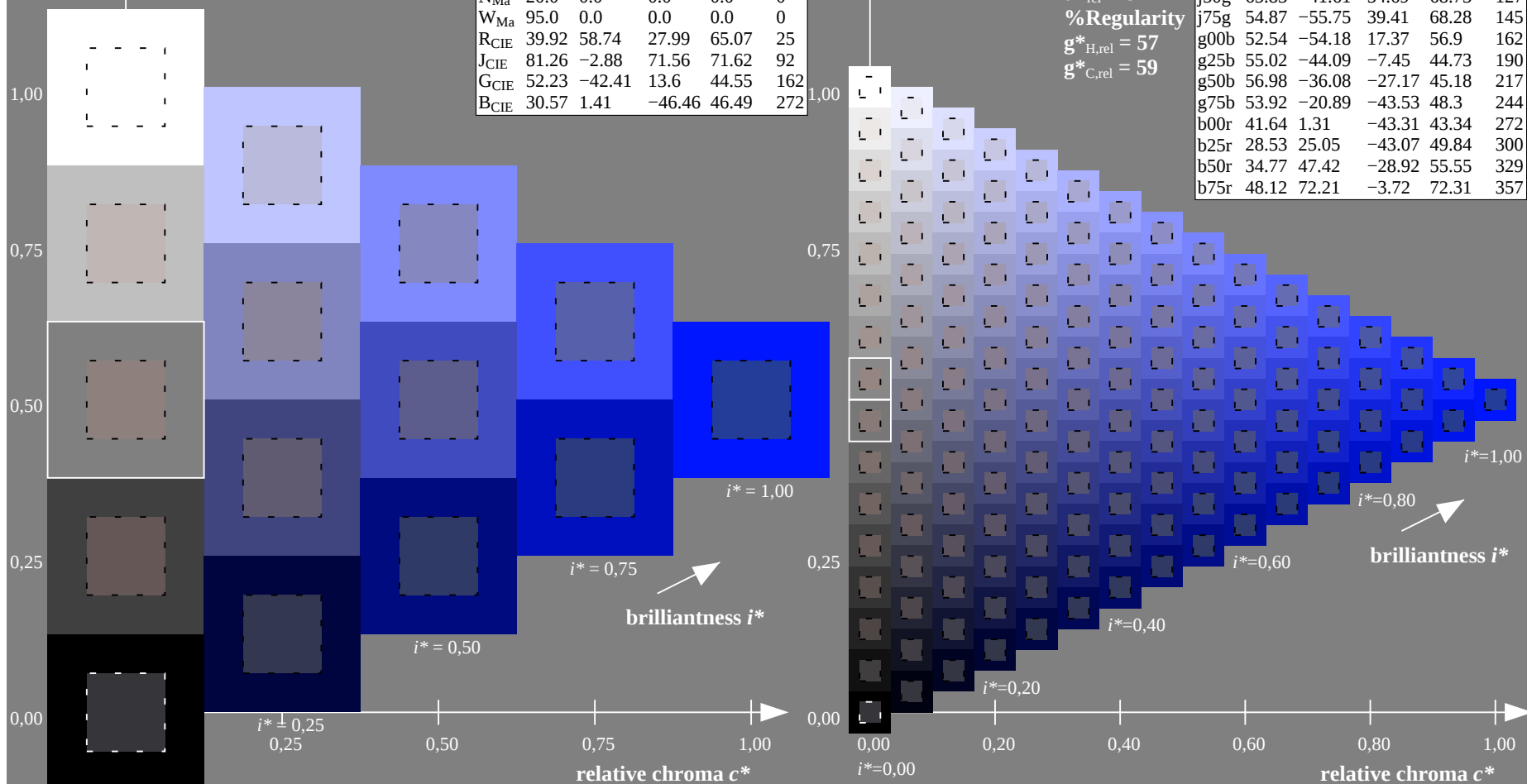
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

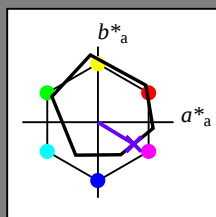
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 47 -28

$LAB^*LCH^*_{Ma}$: 35 56 329

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

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

triangle lightness t^*

%Gamut

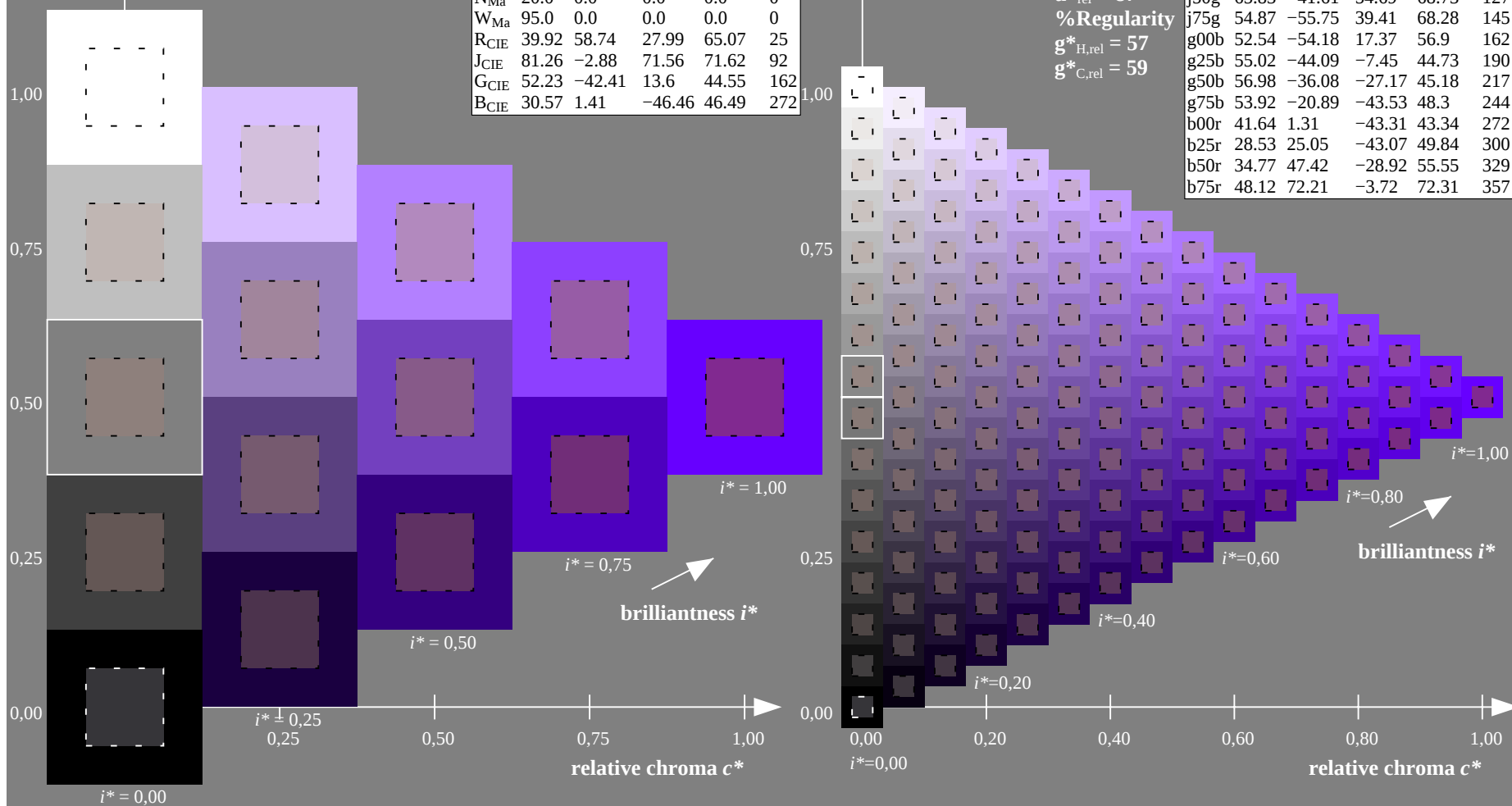
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

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

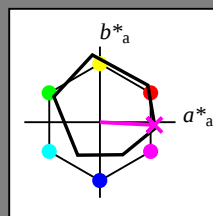
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 72 -3

$LAB^*LCH^*_{Ma}$: 48 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

triangle lightness t^*

%Gamut

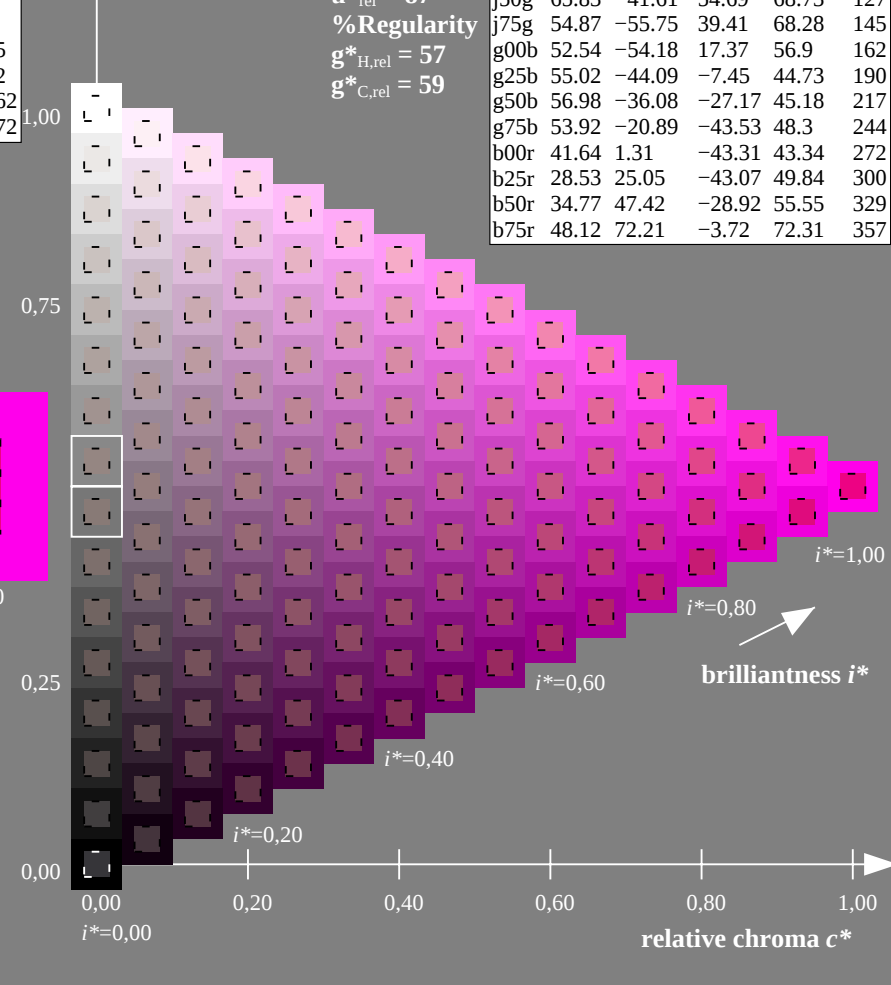
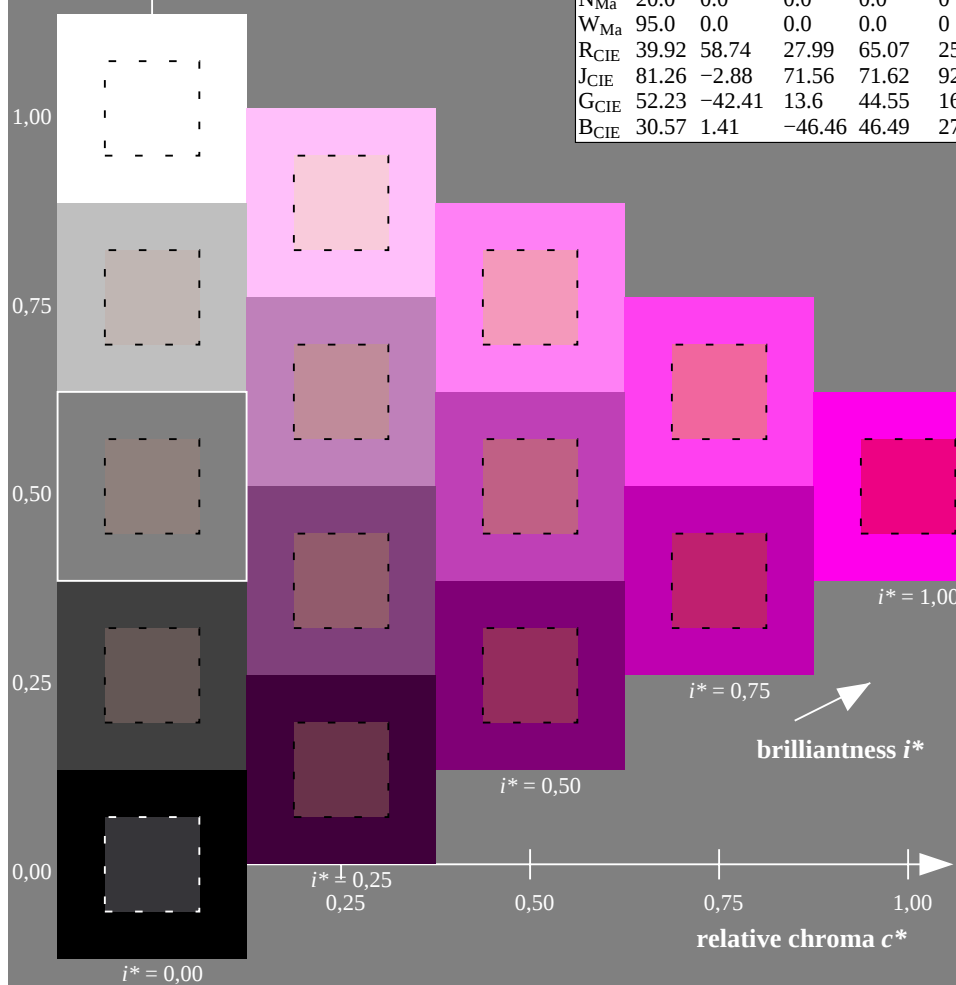
$u^*_{rel} = 87$

%Regularity

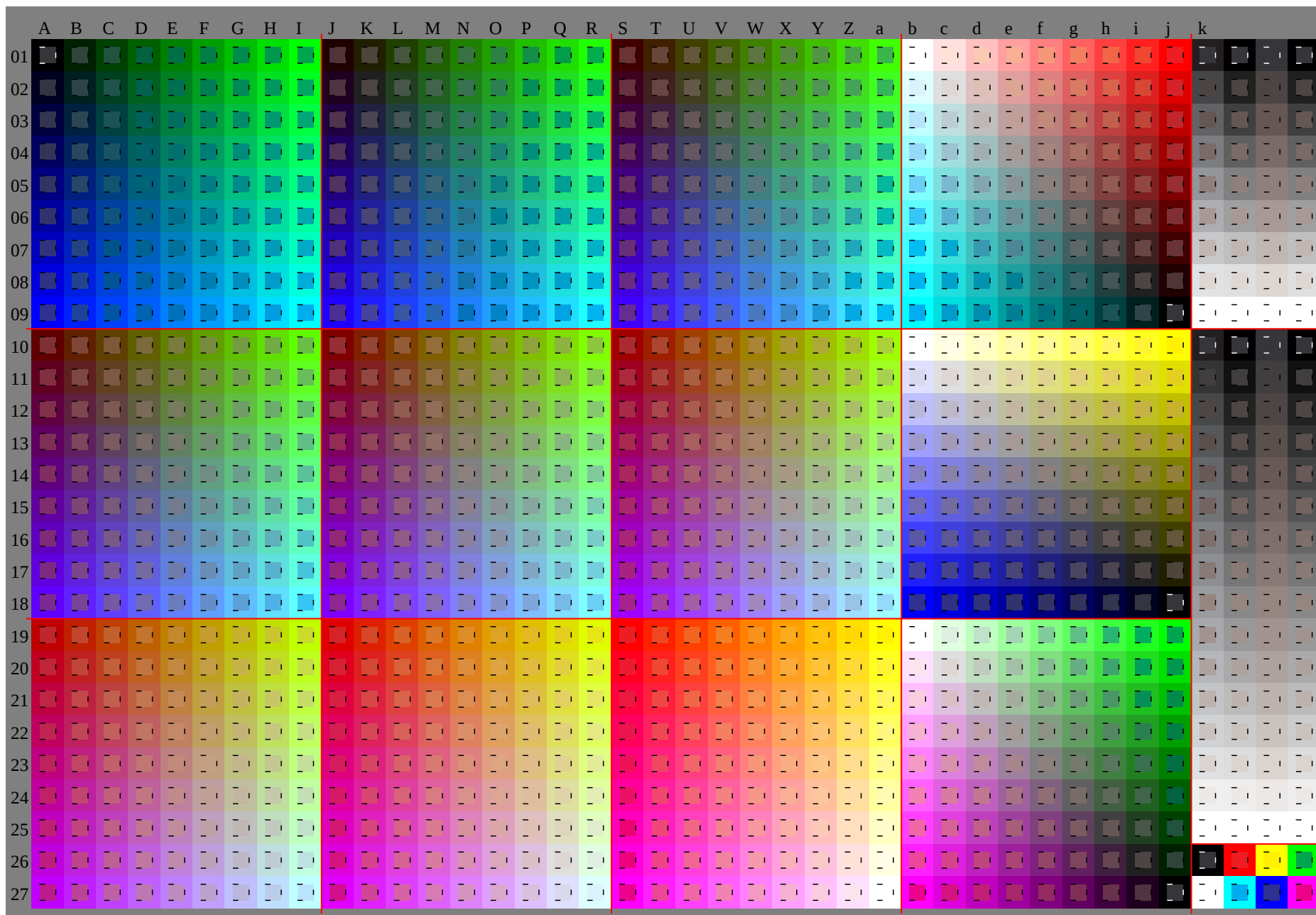
$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

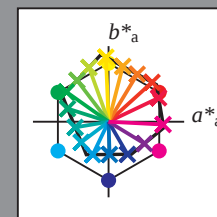


See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De95/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1



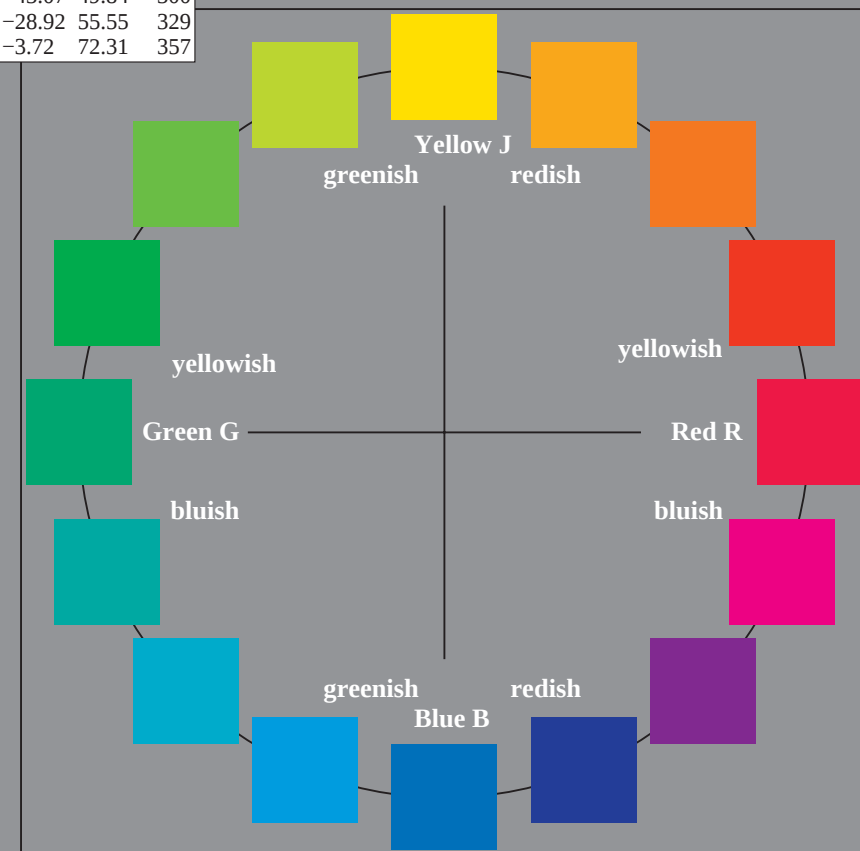
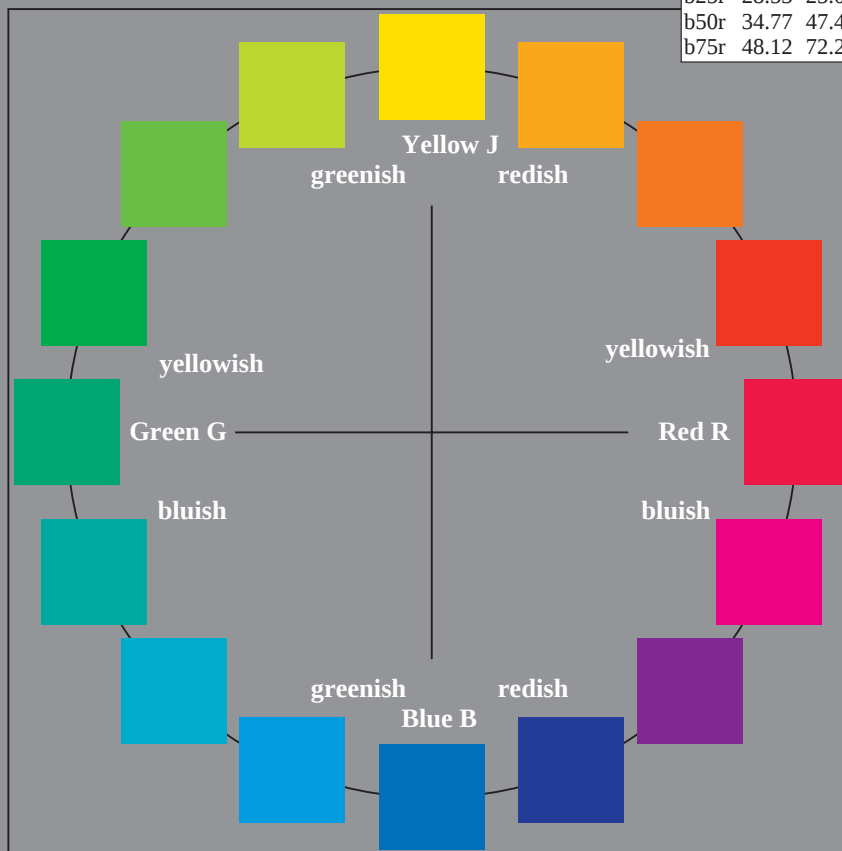
Input and output:
Colorimetric Printer Reflective System ORS20_95aM
data for any colour:
 $lab^{*}tch^{*}$ and $lab^{*}icu^{*}$
elementary hue text:
 $u^{*} = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data					
	$L^{*}=L^{*}_a$	a^{*}_a	b^{*}_a	$C^{*}_{ab,a}$	$h^{*}_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



%Gamut
 $u^{*}_{rel} = 87$
%Regularity
 $g^{*}_{H,rel} = 57$
 $g^{*}_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data					
	$L^{*}=L^{*}_a$	a^{*}_a	b^{*}_a	$C^{*}_{ab,a}$	$h^{*}_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

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

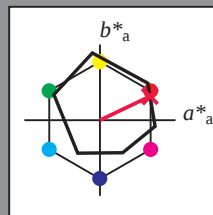
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 66 32

$LAB^*LCH^*_{Ma}$: 48 73 25

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

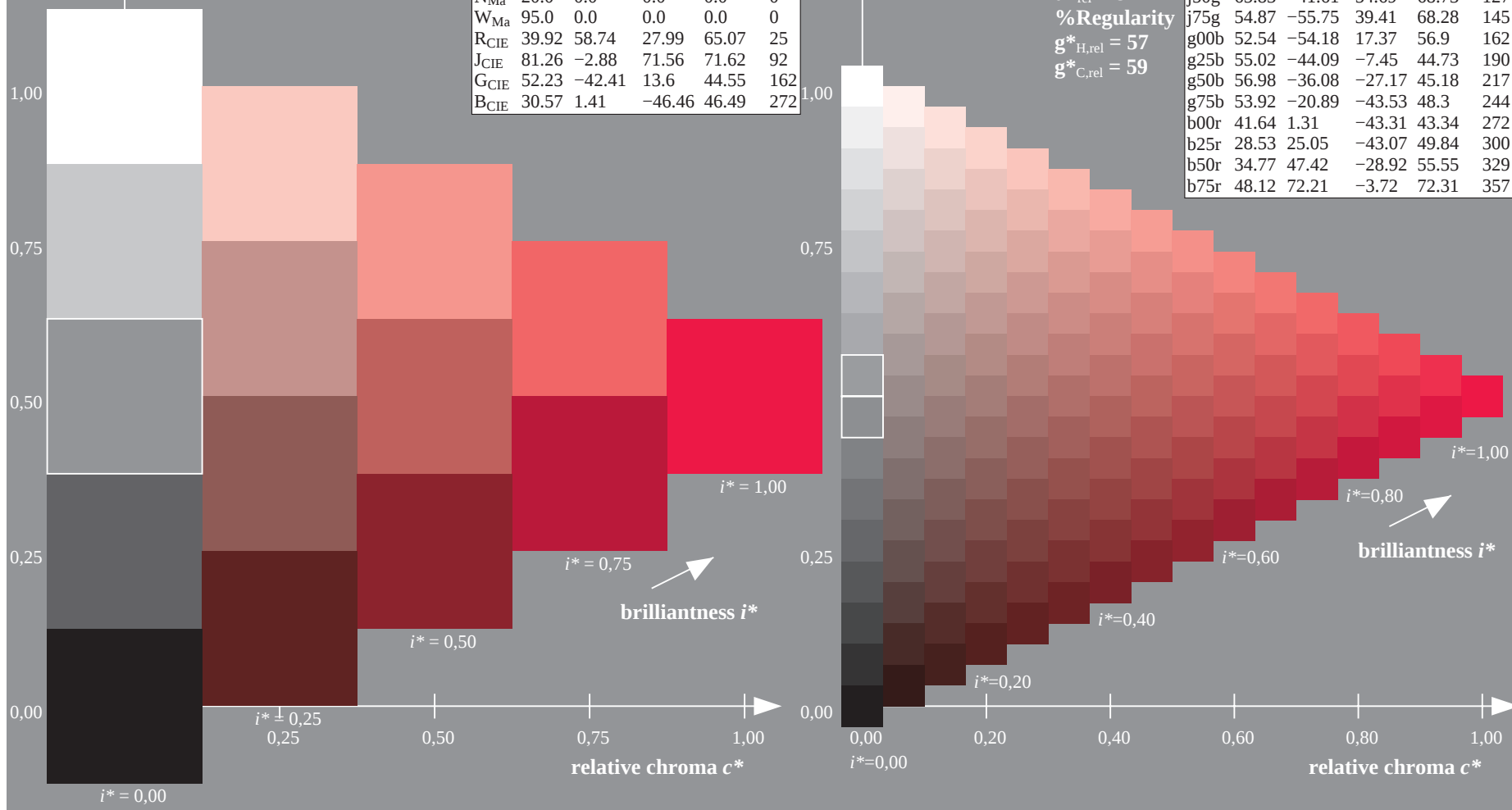
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

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

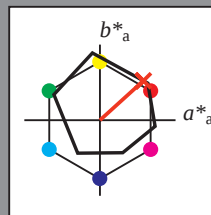
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 58 52

$LAB^*LCH^*_{Ma}$: 51 78 42

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

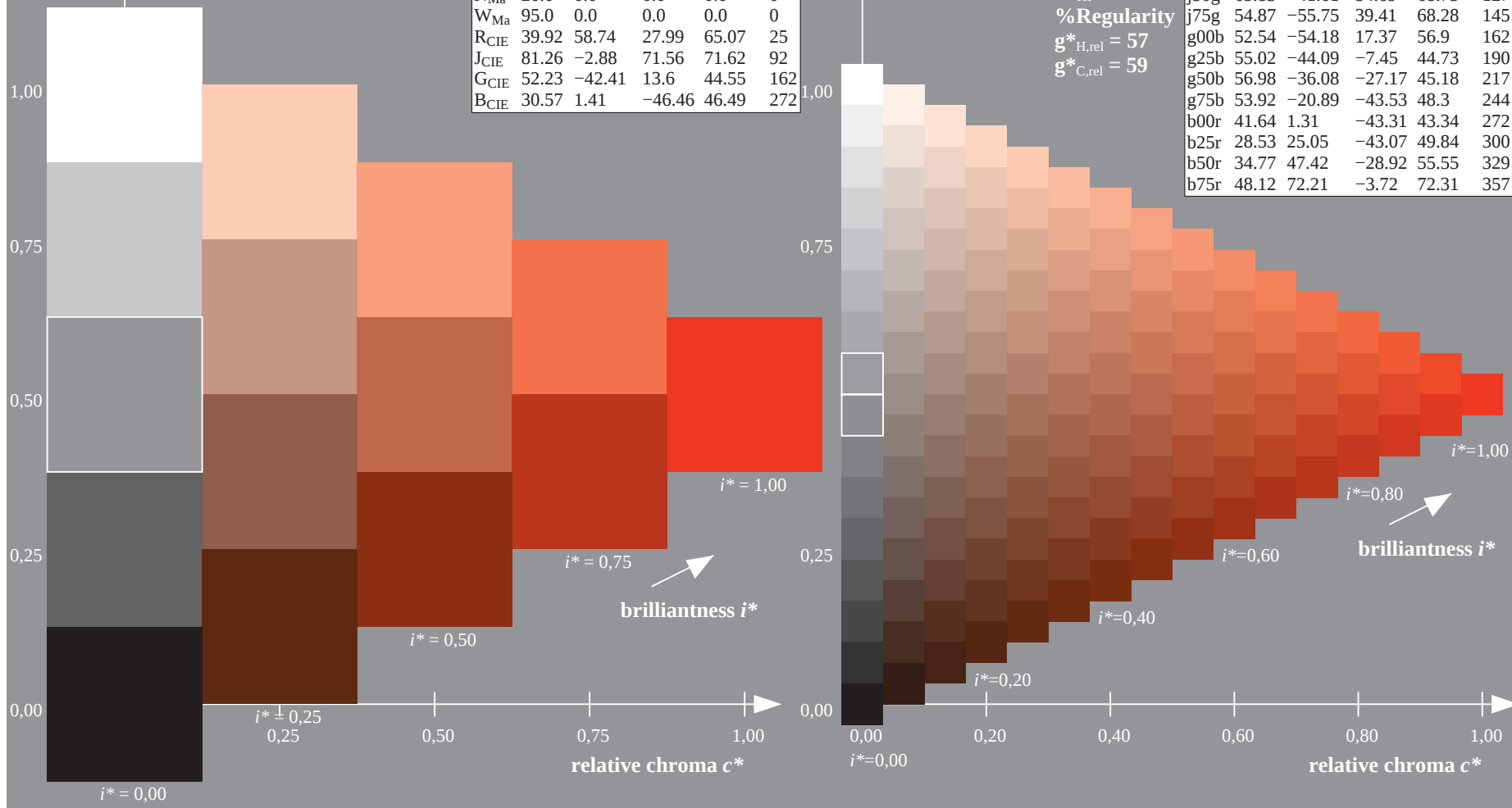
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

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

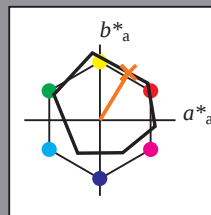
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 63 38 63

$LAB^*LCH^*_{Ma}$: 63 73 59

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

$lab^*olv^*_{Ma}$: 1.0 0.35 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

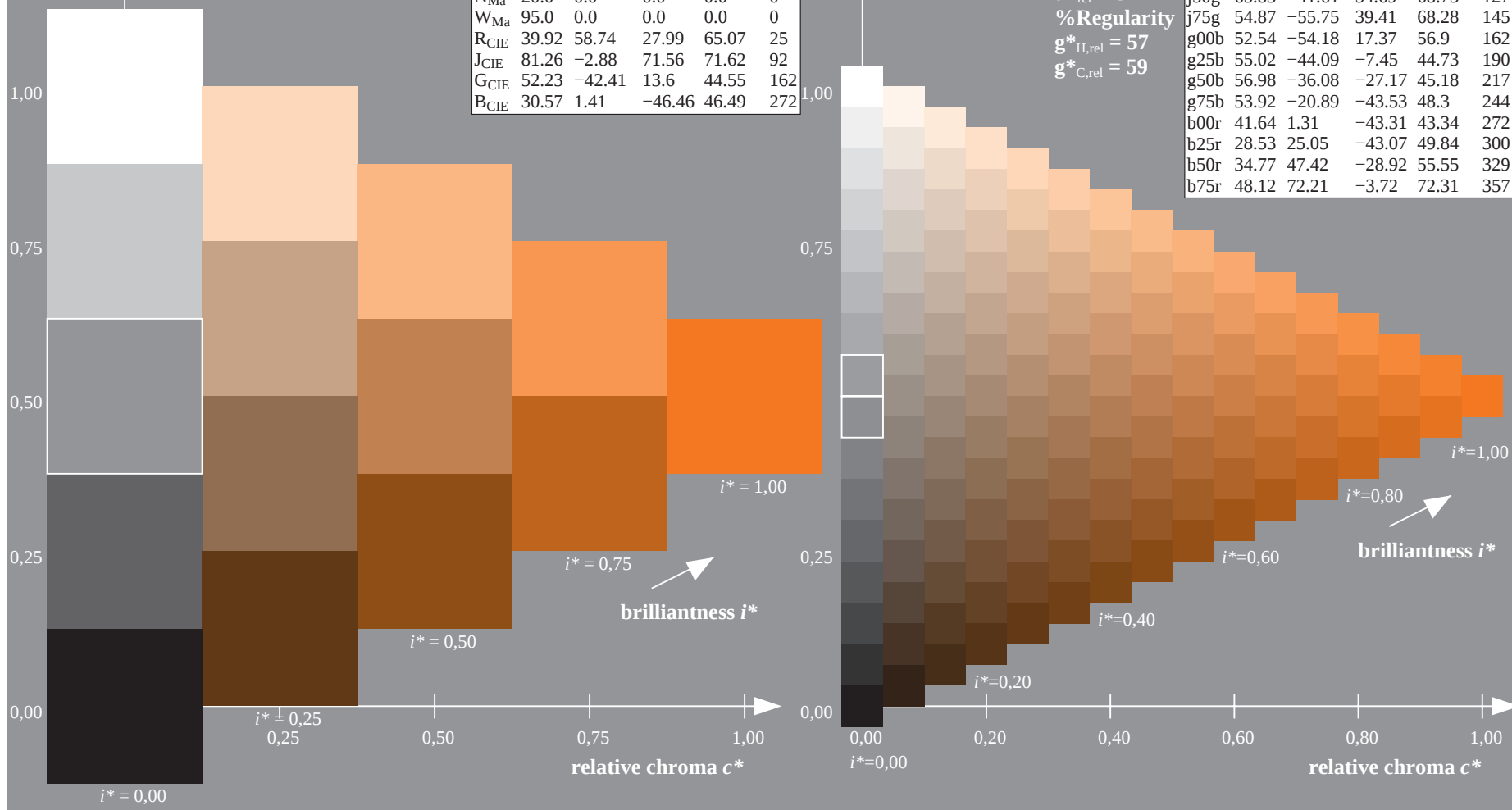
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

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

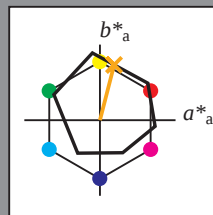
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 74 19 73

$LAB^*LCH^*_{Ma}$: 74 76 76

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

$lab^*olv^*_{Ma}$: 1.0 0.61 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

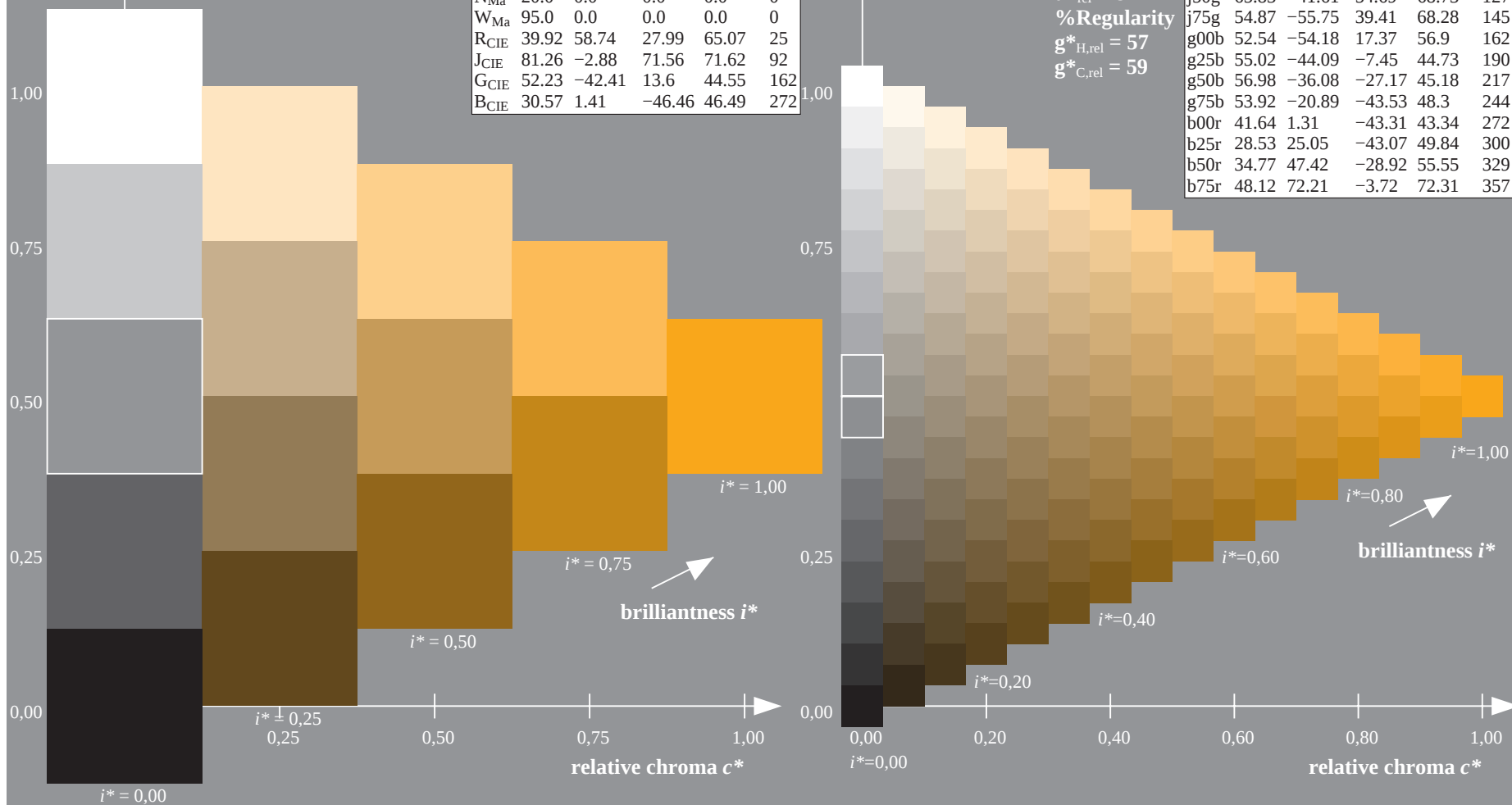
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

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

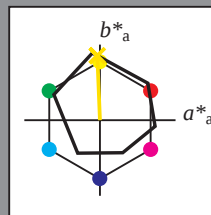
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 87 -2 85

$LAB^*LCH^*_{Ma}$: 87 85 92

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

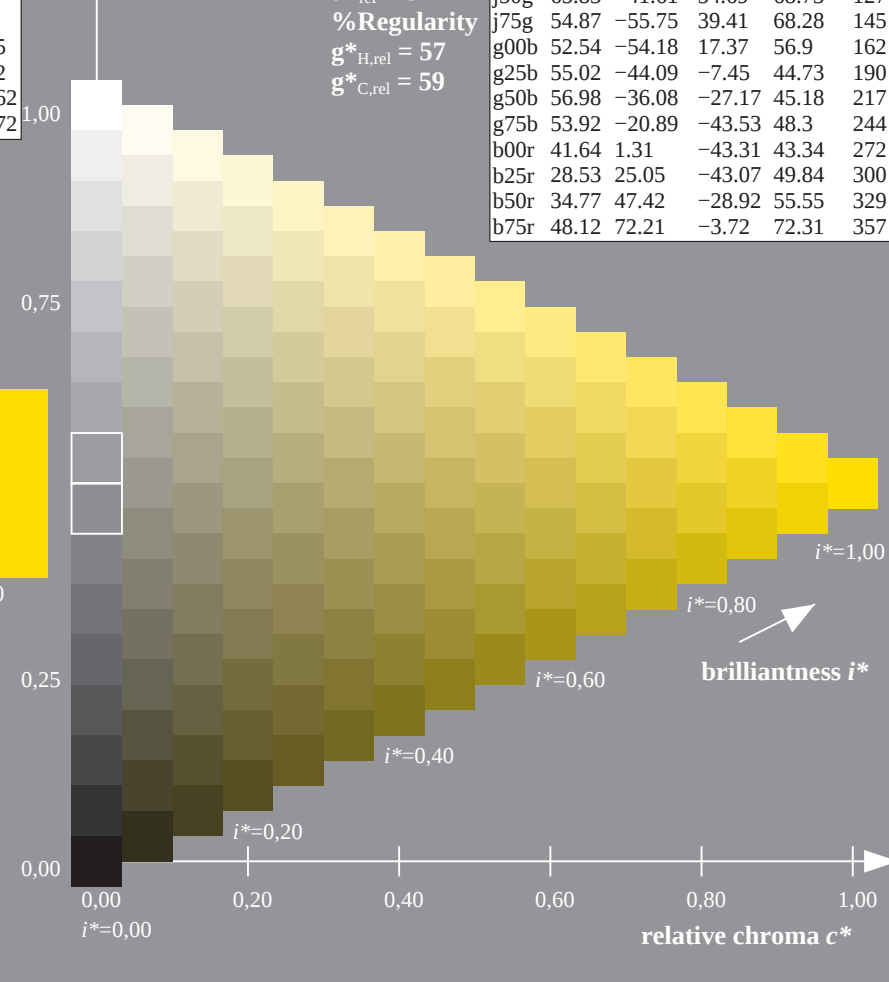
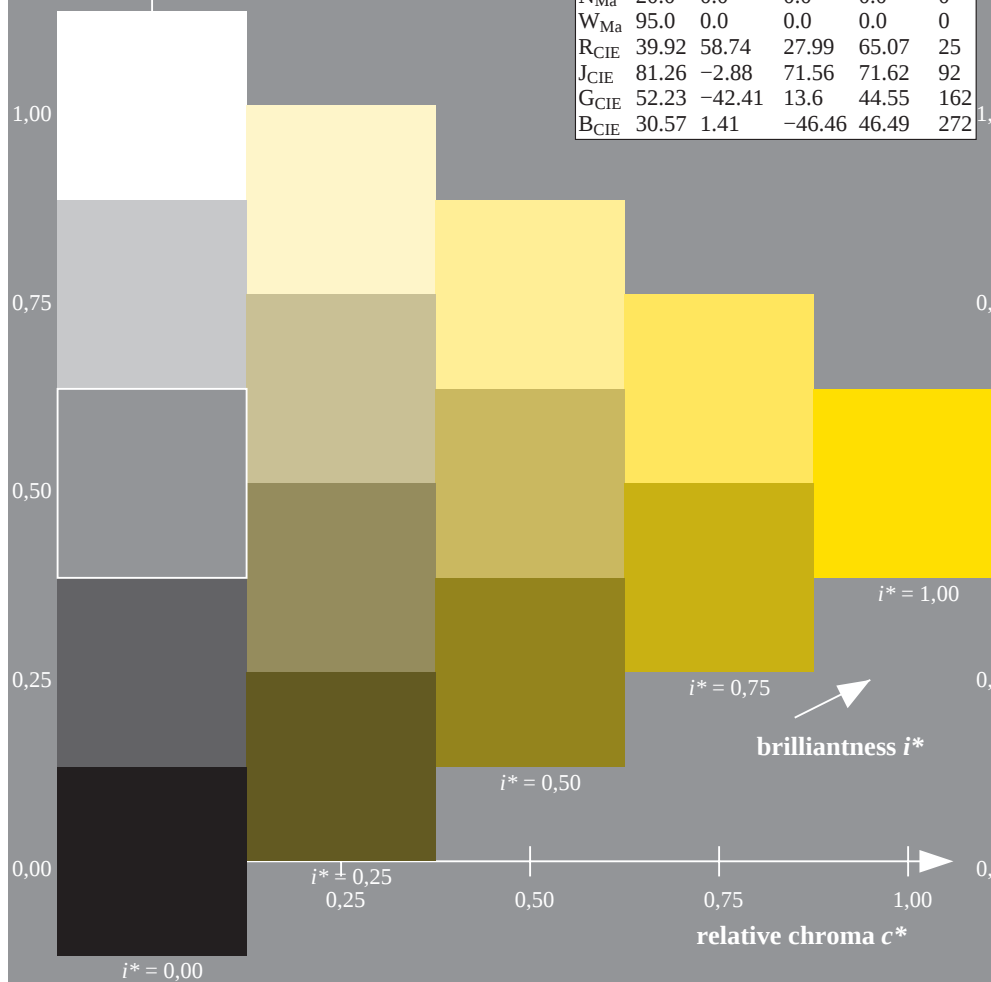
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

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

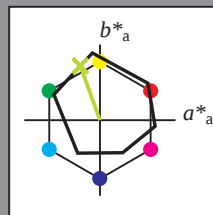
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 78 -25 72

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

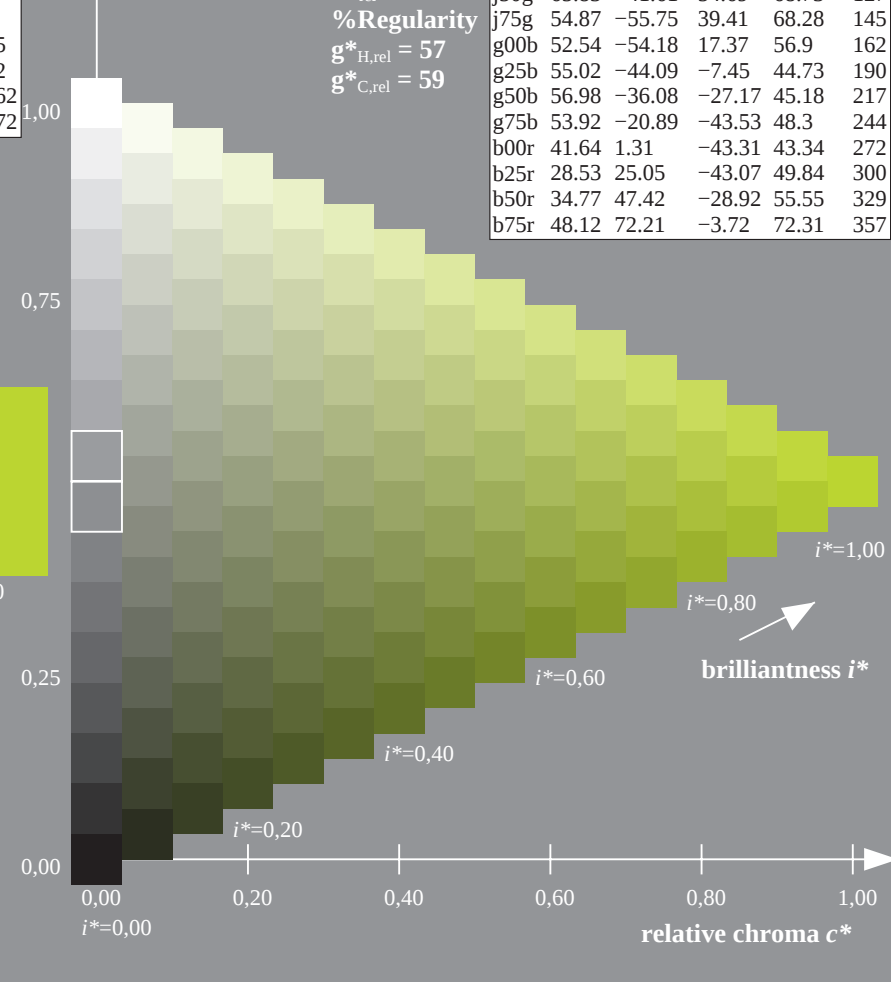
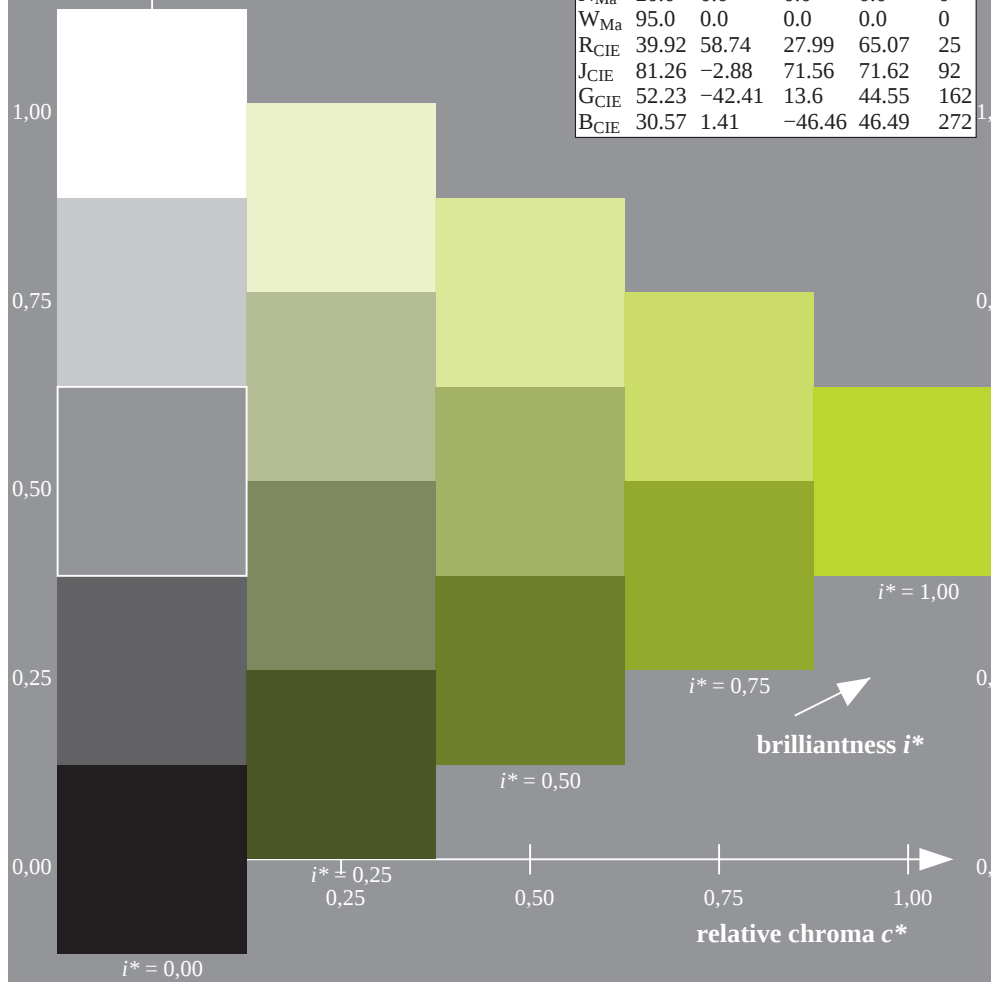
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

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

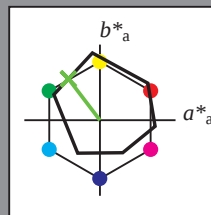
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 66 -41 55

$LAB^*LCH^*_{Ma}$: 66 69 127

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

$lab^*olv^*_{Ma}$: 0.38 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

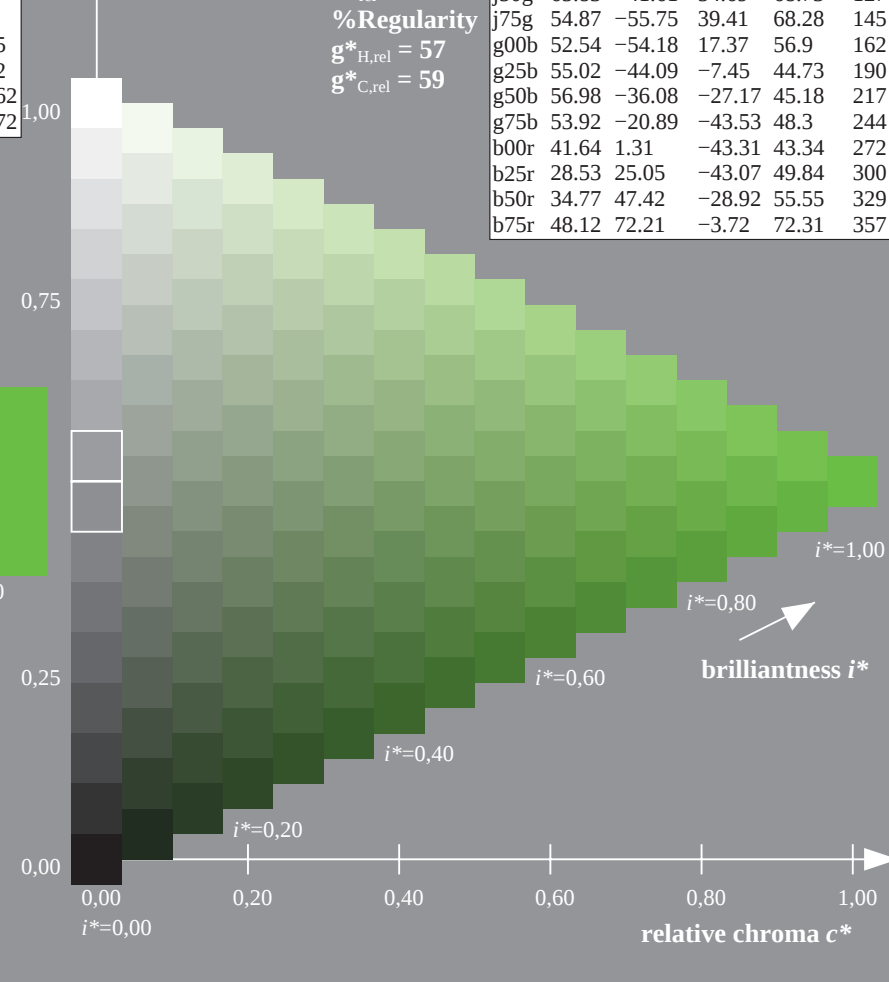
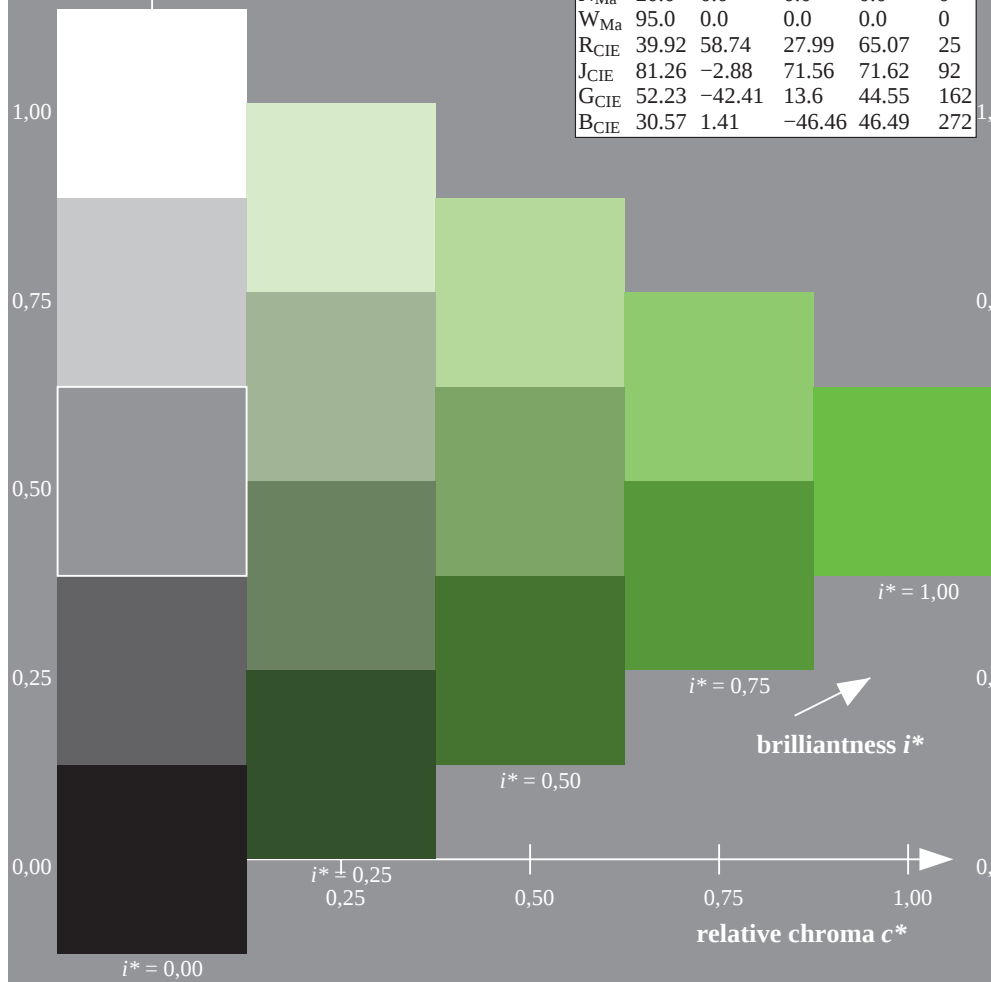
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

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

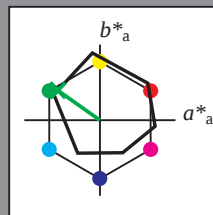
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 55 68 145

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

$lab^*olv^*_{Ma}$: 0.1 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

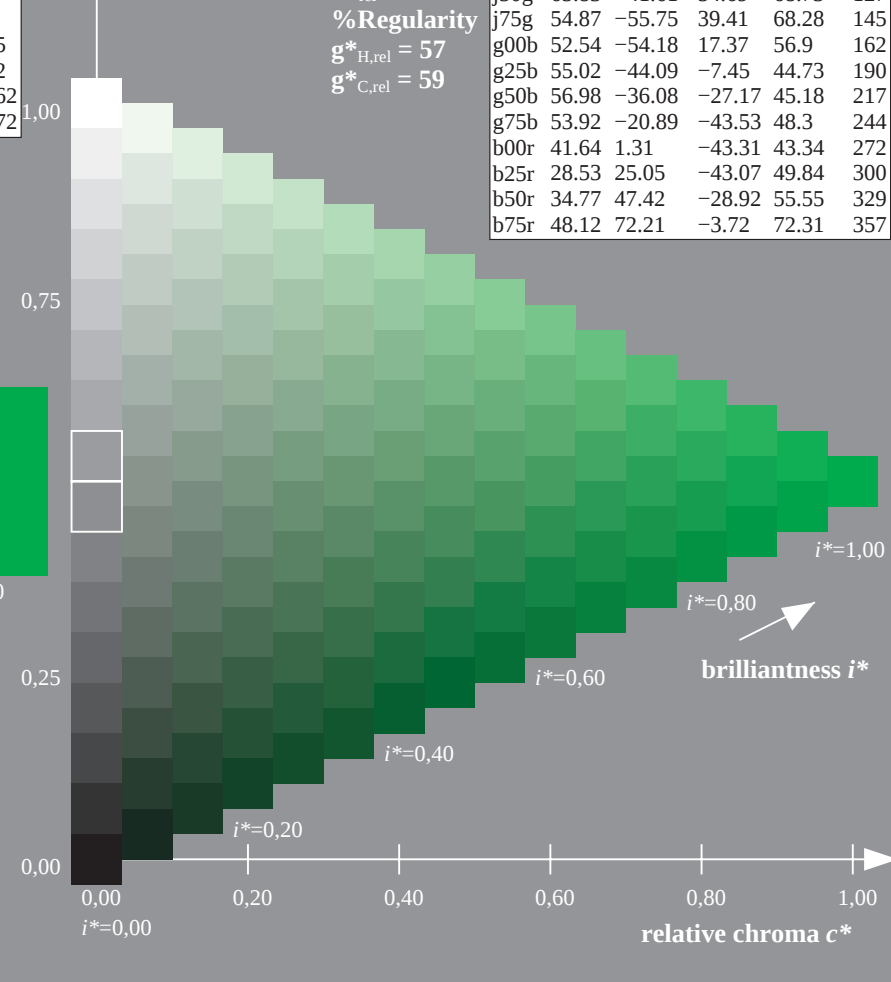
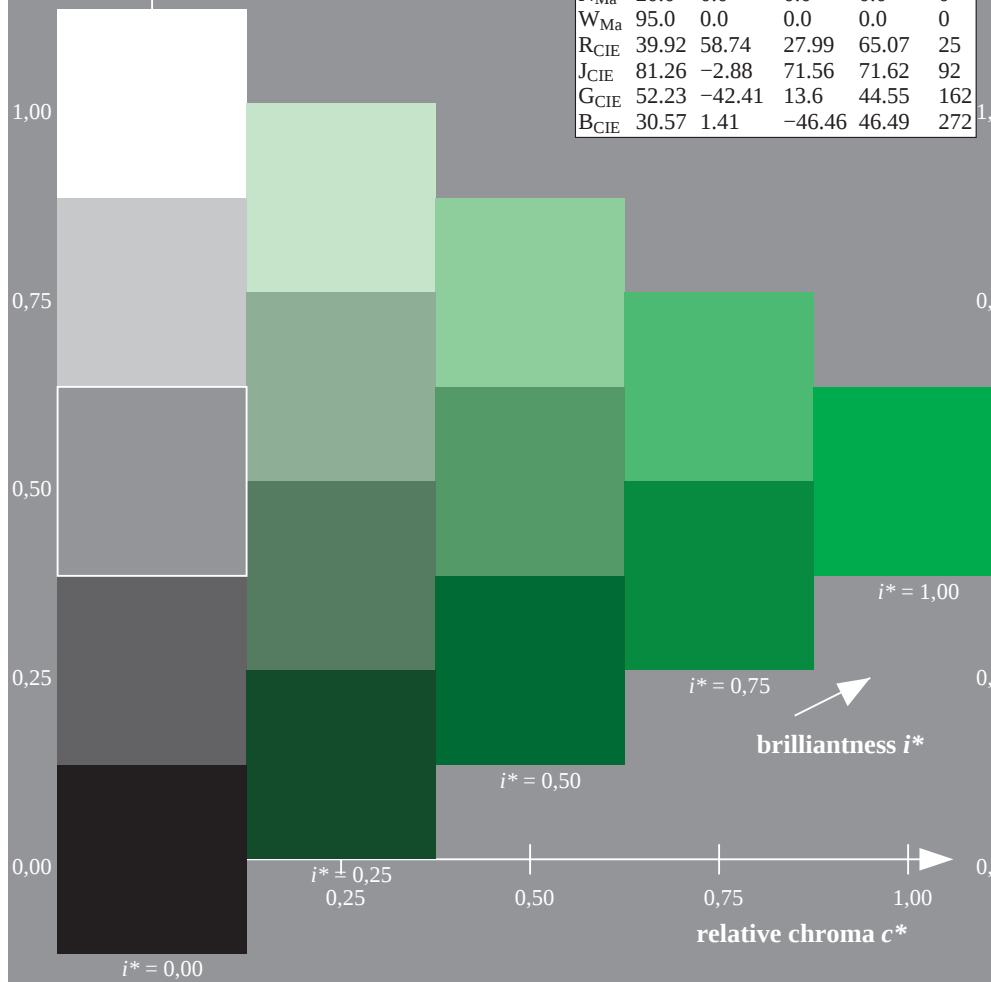
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

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

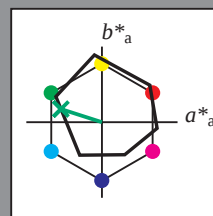
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 53 -53 17

$LAB^*LCH^*_{Ma}$: 53 57 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.21

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

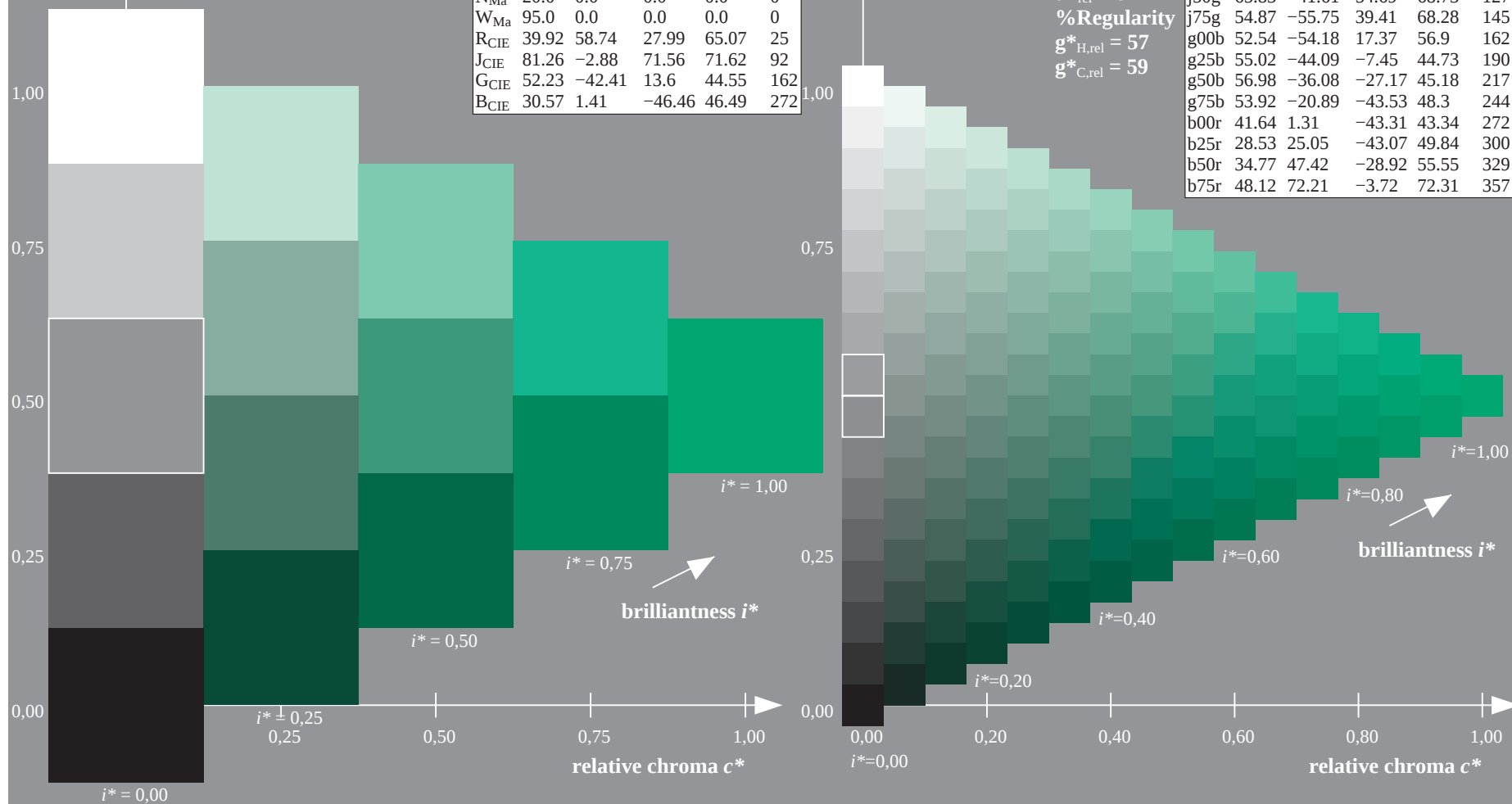
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

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

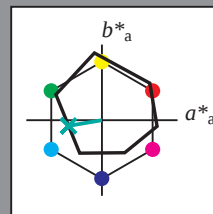
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 55 -43 -6

$LAB^*LCH^*_{Ma}$: 55 45 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.53

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

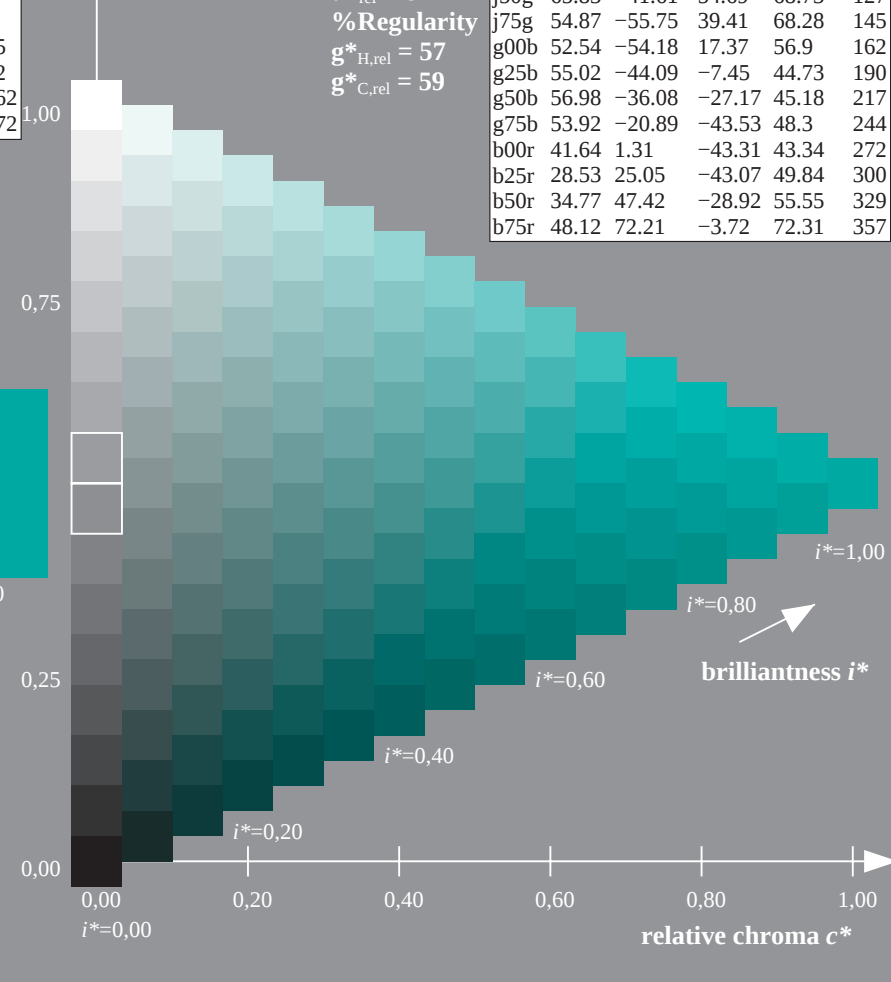
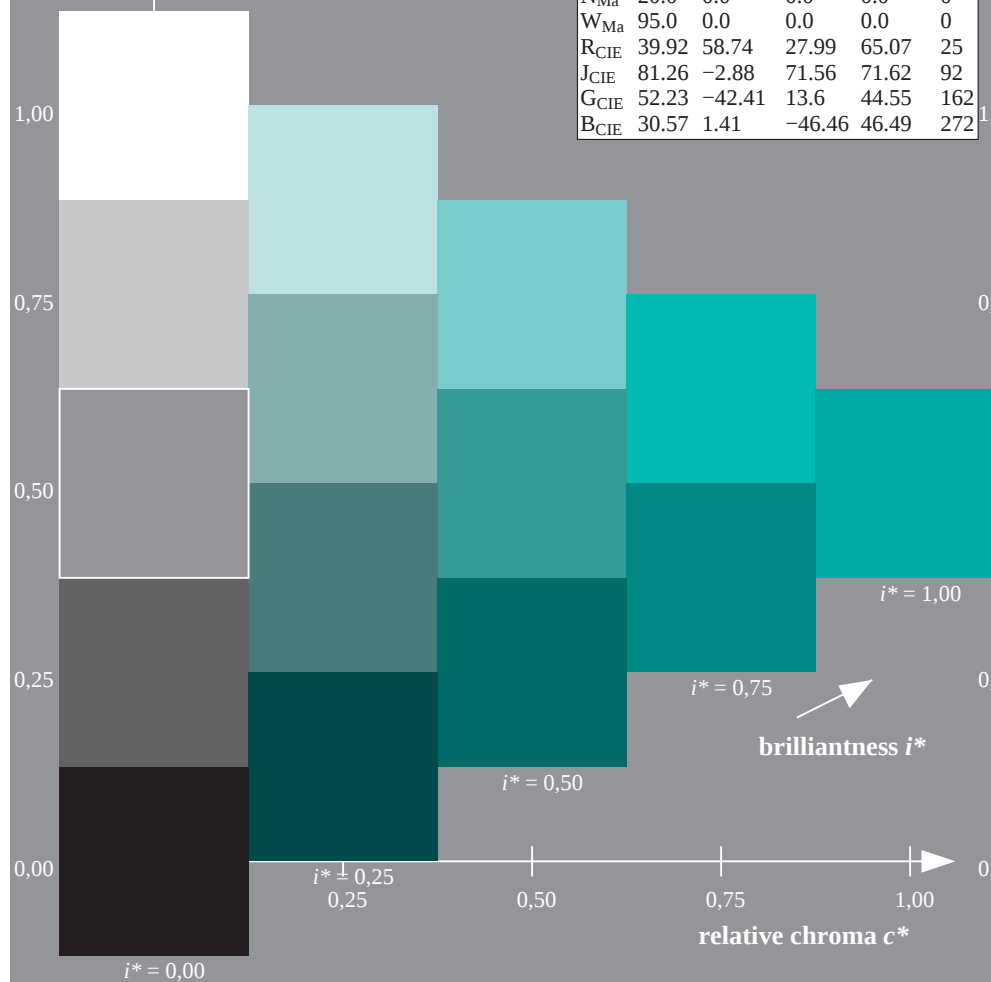
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

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

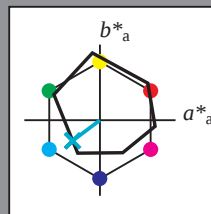
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 57 -35 -26

$LAB^*LCH^*_{Ma}$: 57 45 217

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

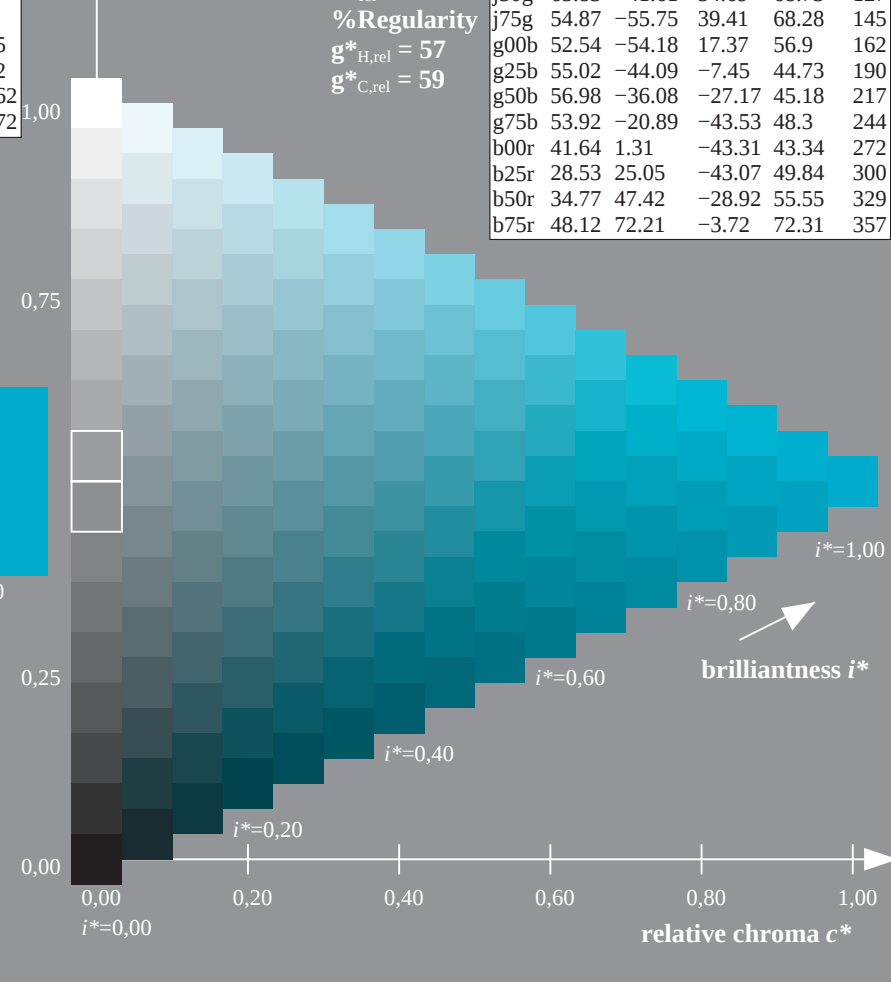
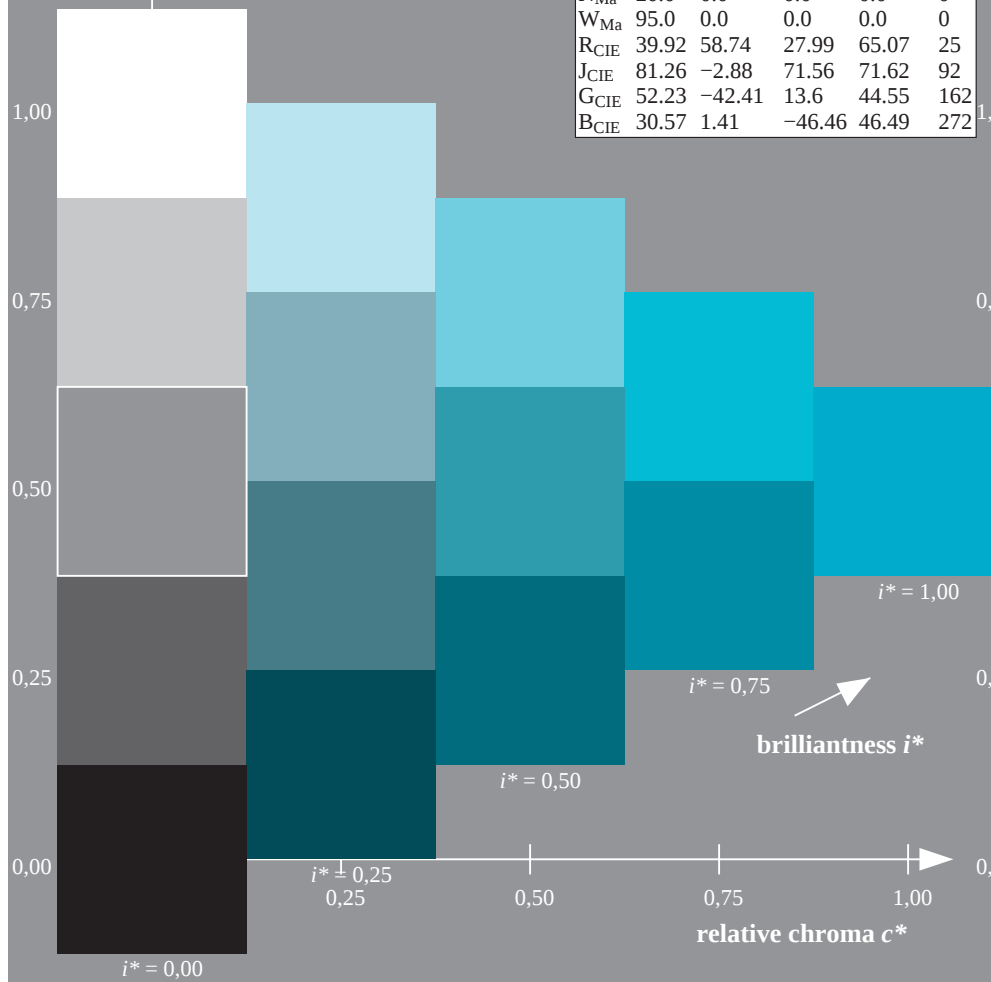
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

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

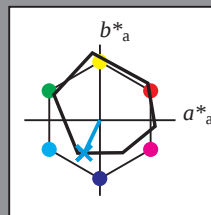
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 -20 -43

$LAB^*LCH^*_{Ma}$: 54 48 244

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

$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

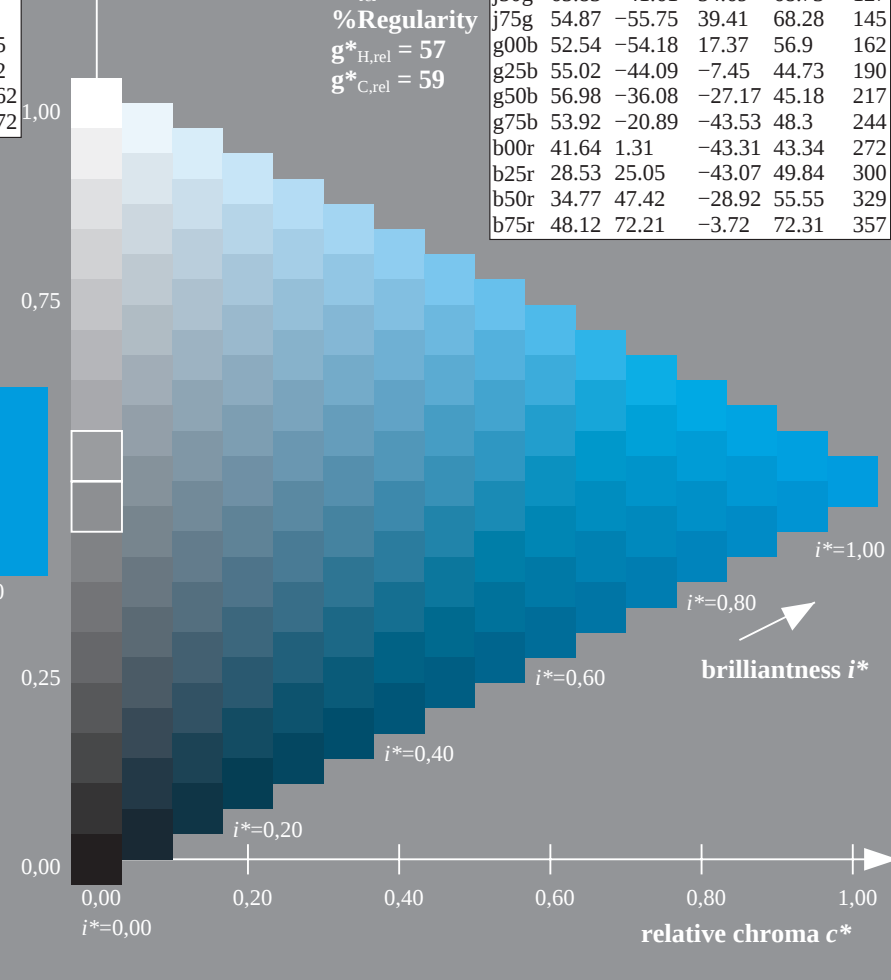
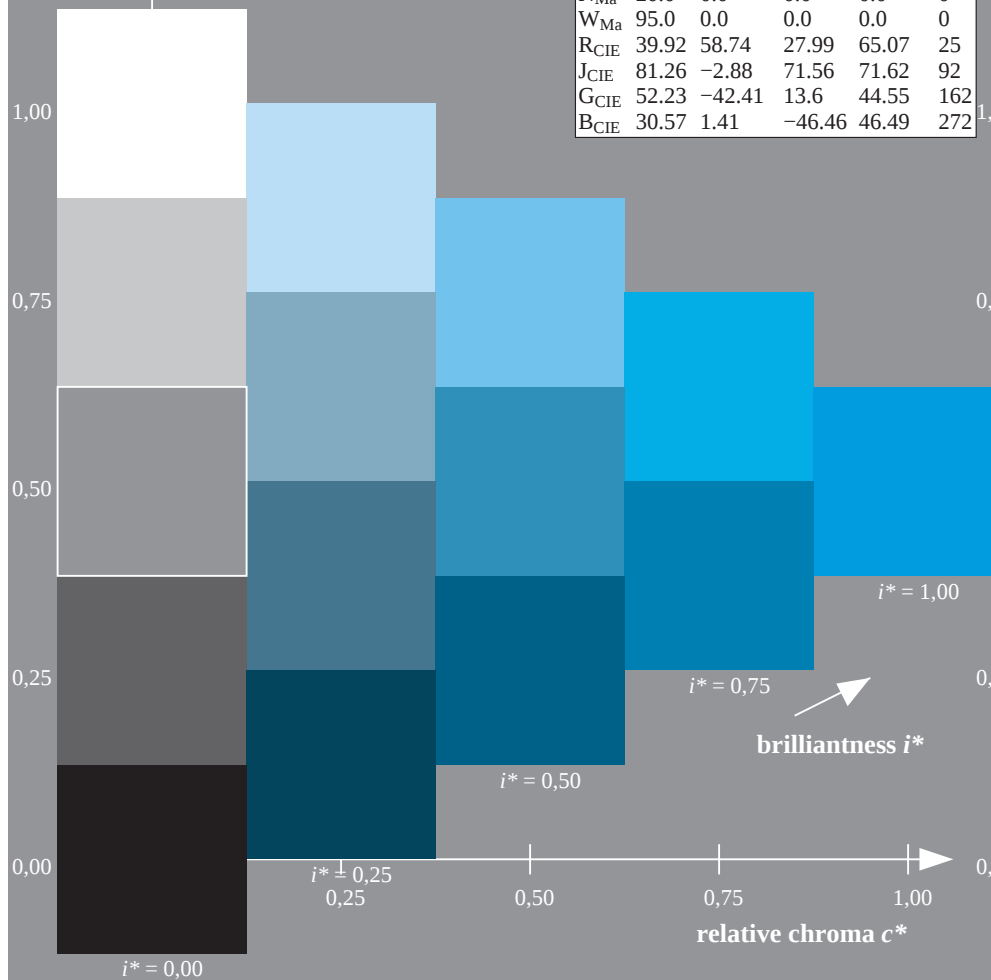
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

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

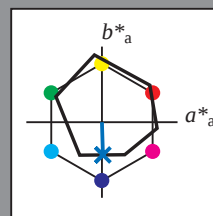
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 42 43 272

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

$lab^*olv^*_{Ma}$: 0.0 0.48 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

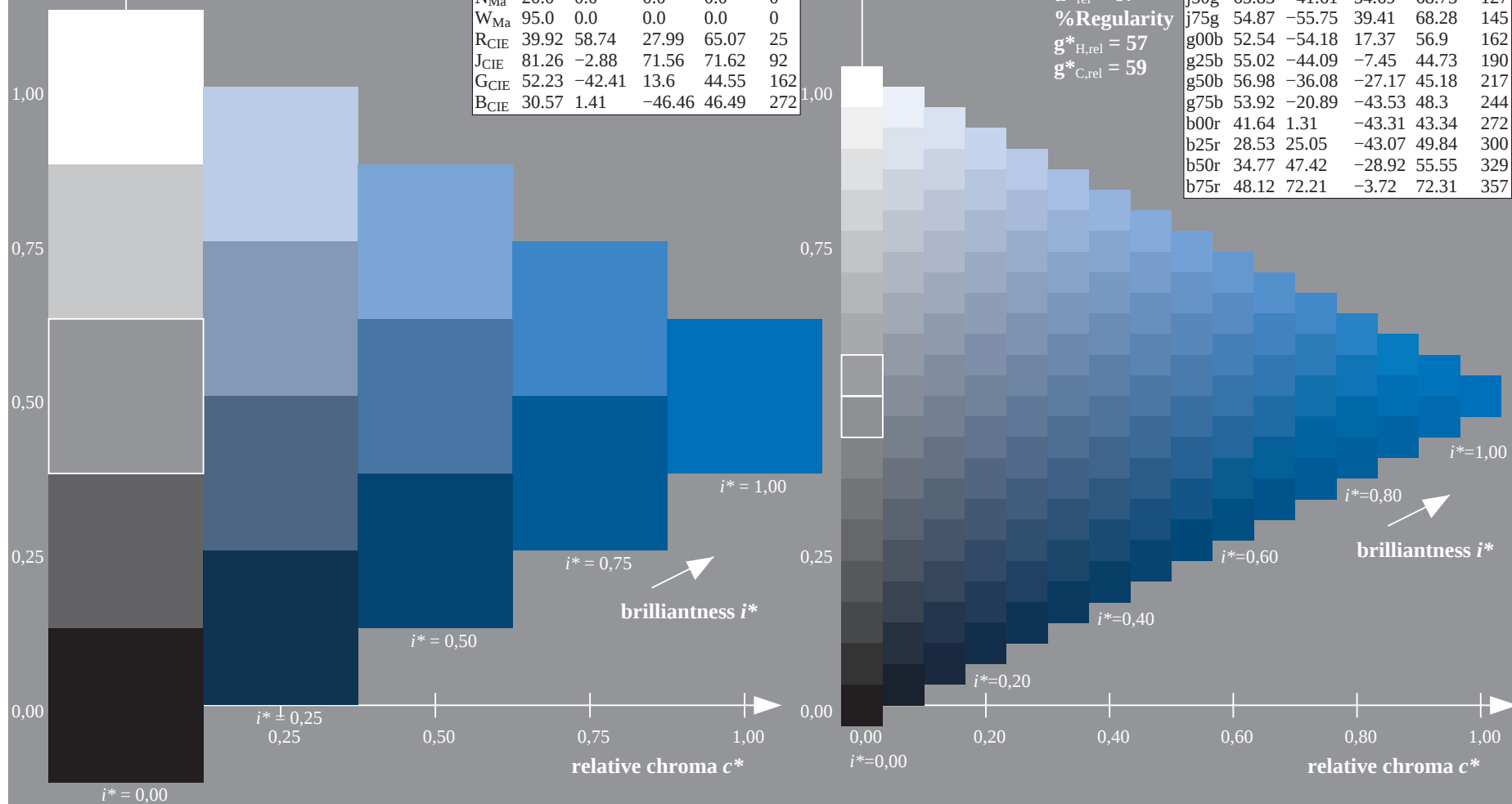
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

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

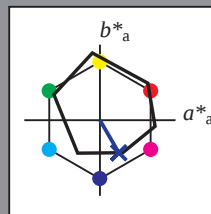
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 29 25 -42

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

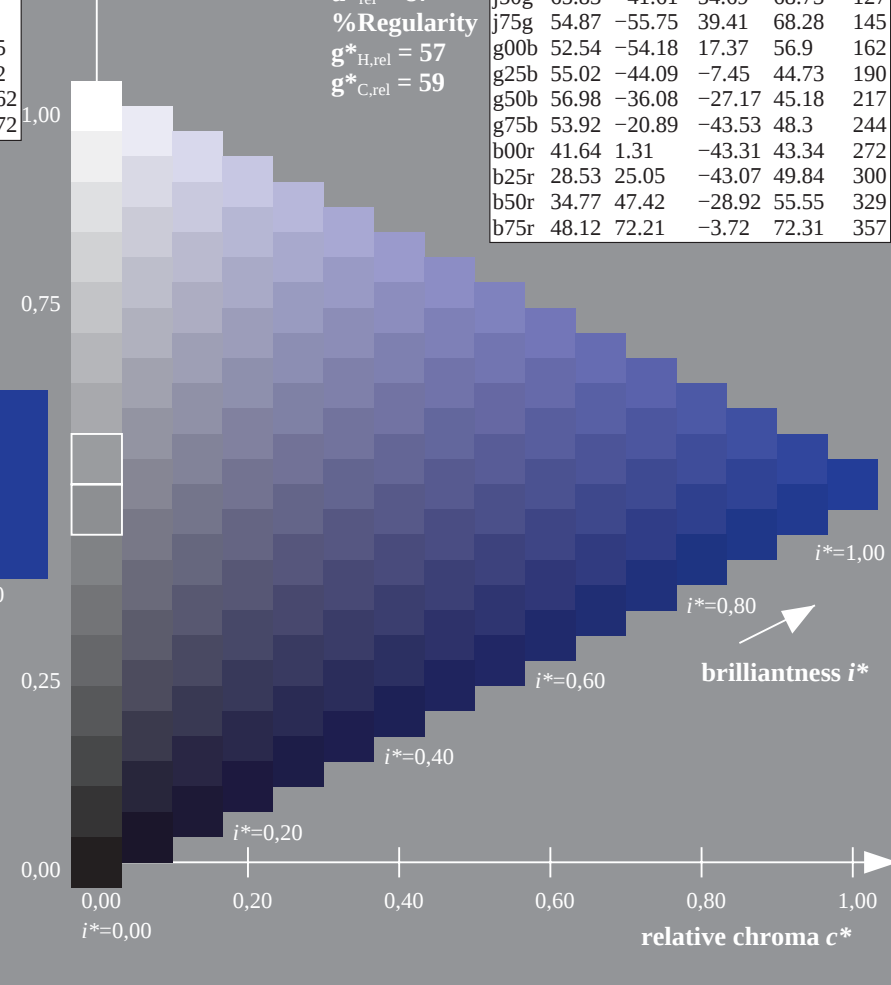
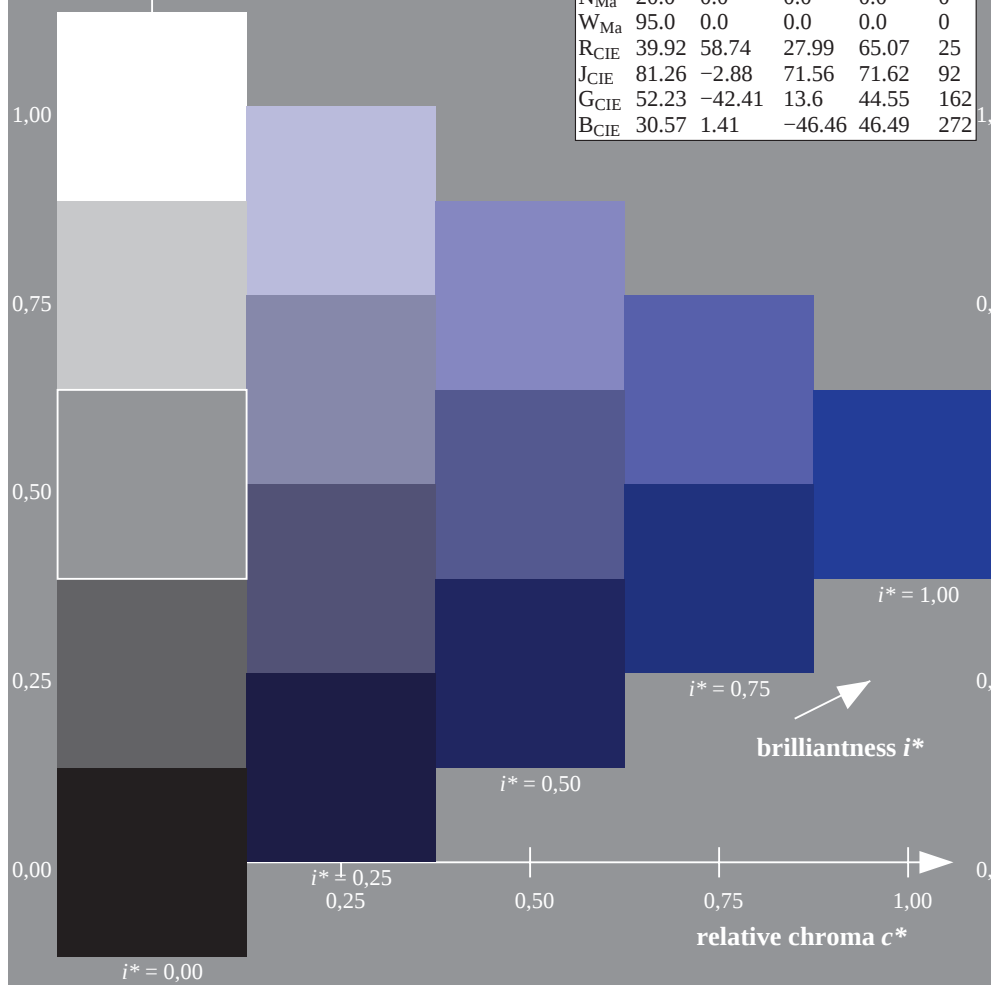
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

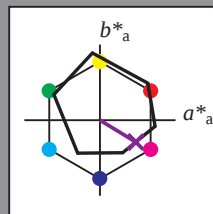
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 47 -28

$LAB^*LCH^*_{Ma}$: 35 56 329

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

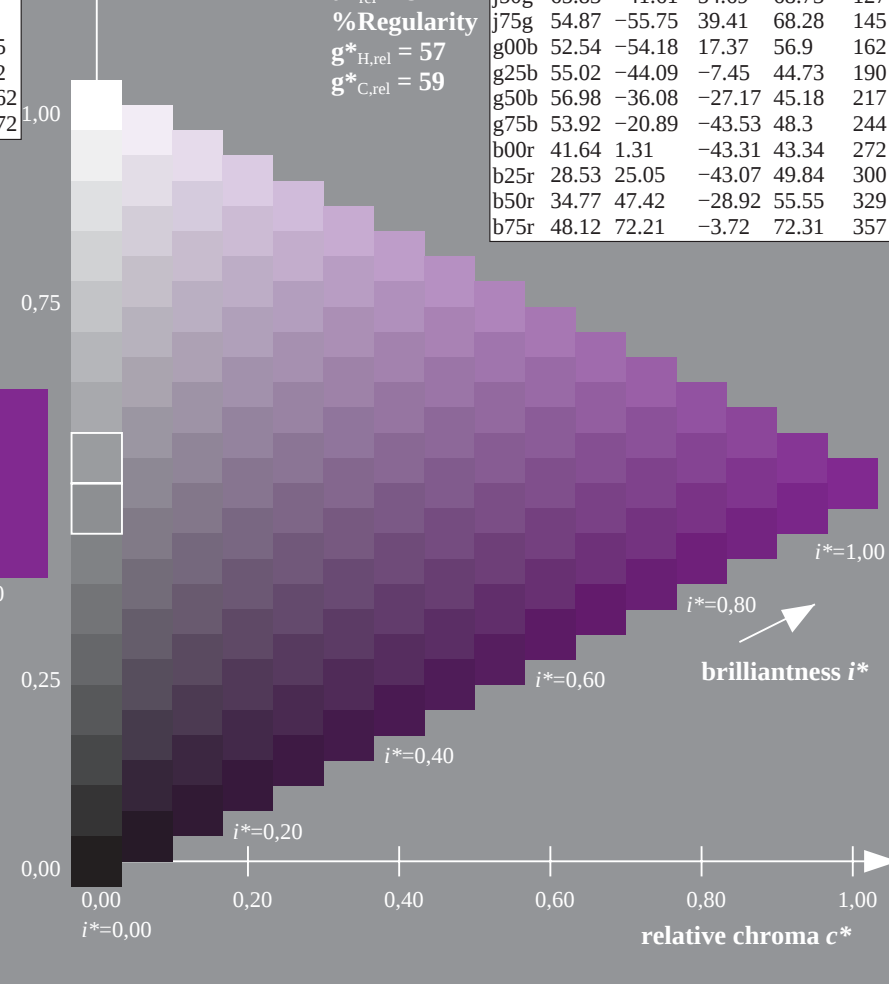
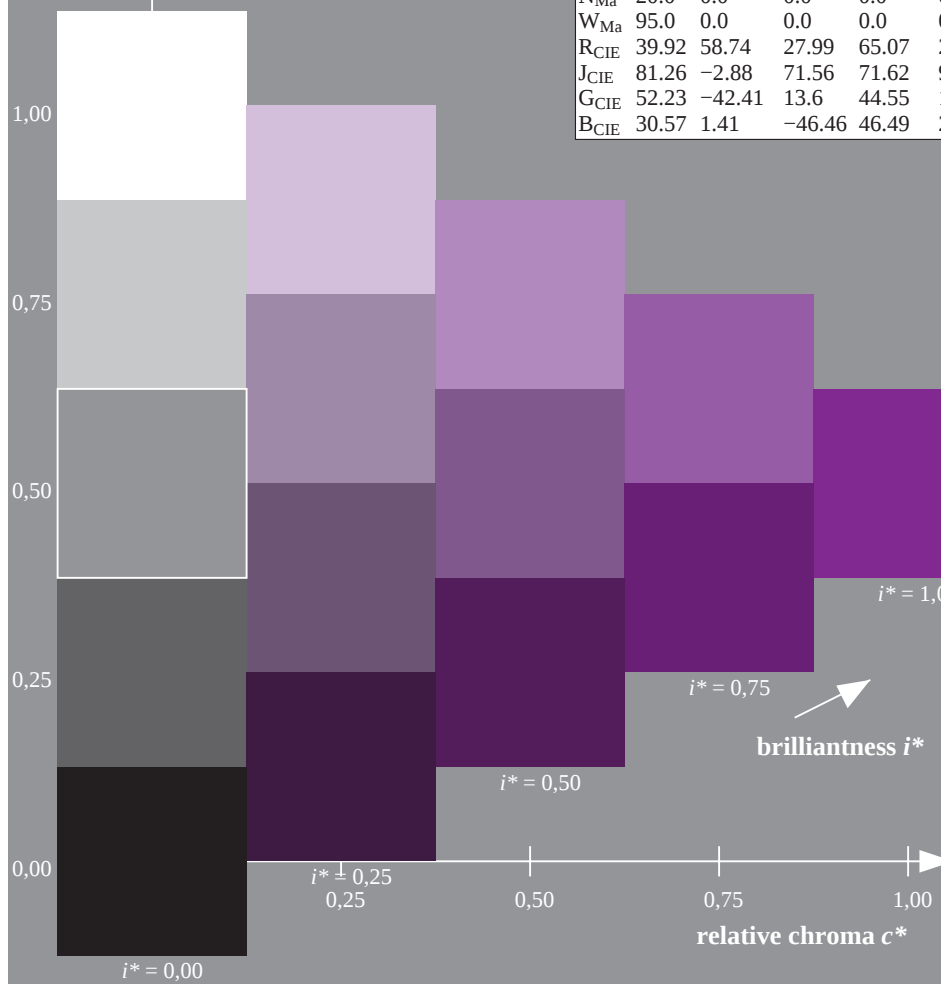
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

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

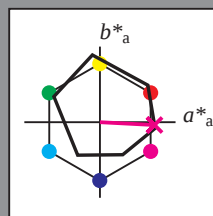
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 72 -3

$LAB^*LCH^*_{Ma}$: 48 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

triangle lightness t^*

%Gamut

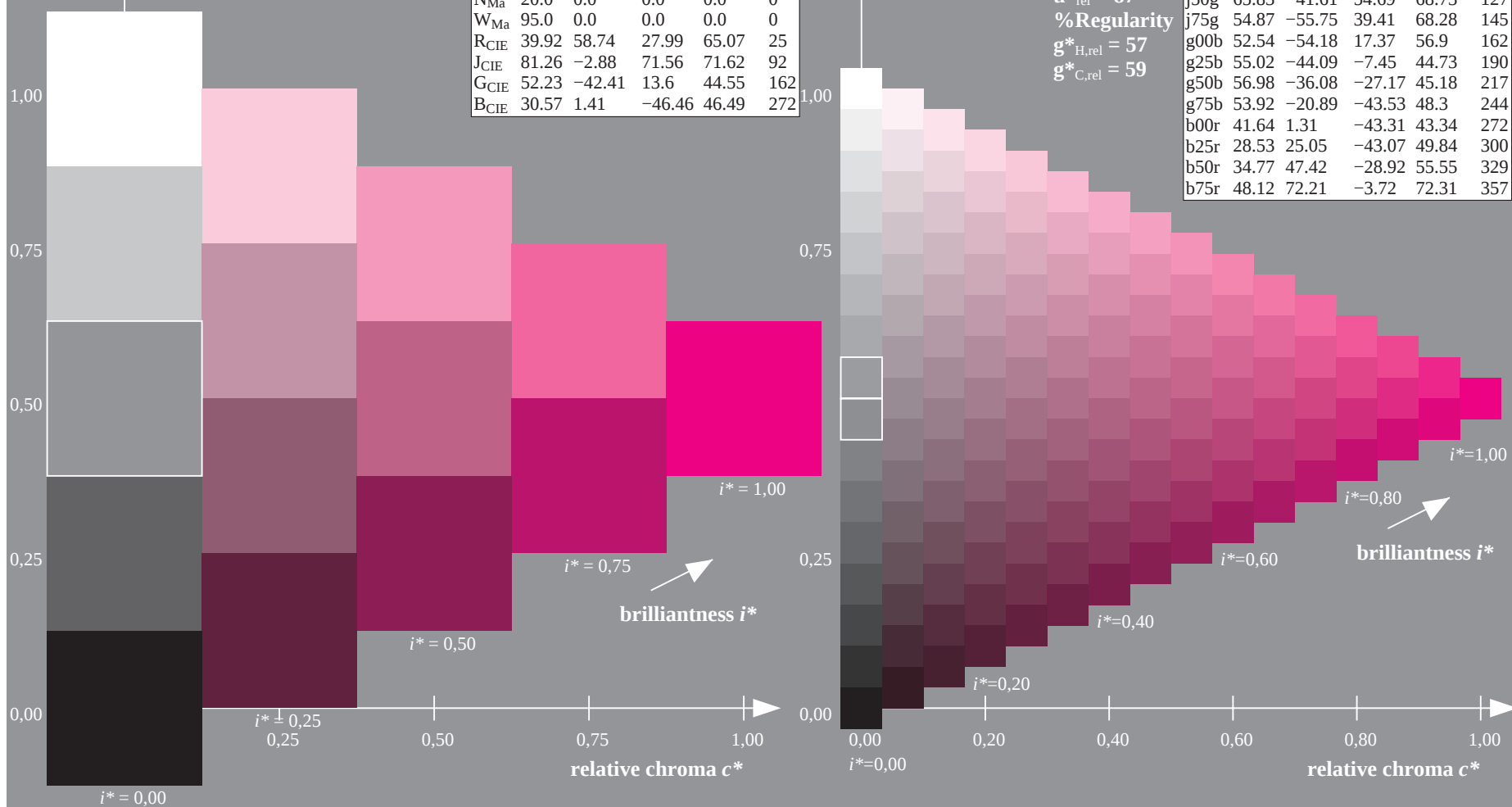
$u^*_{rel} = 87$

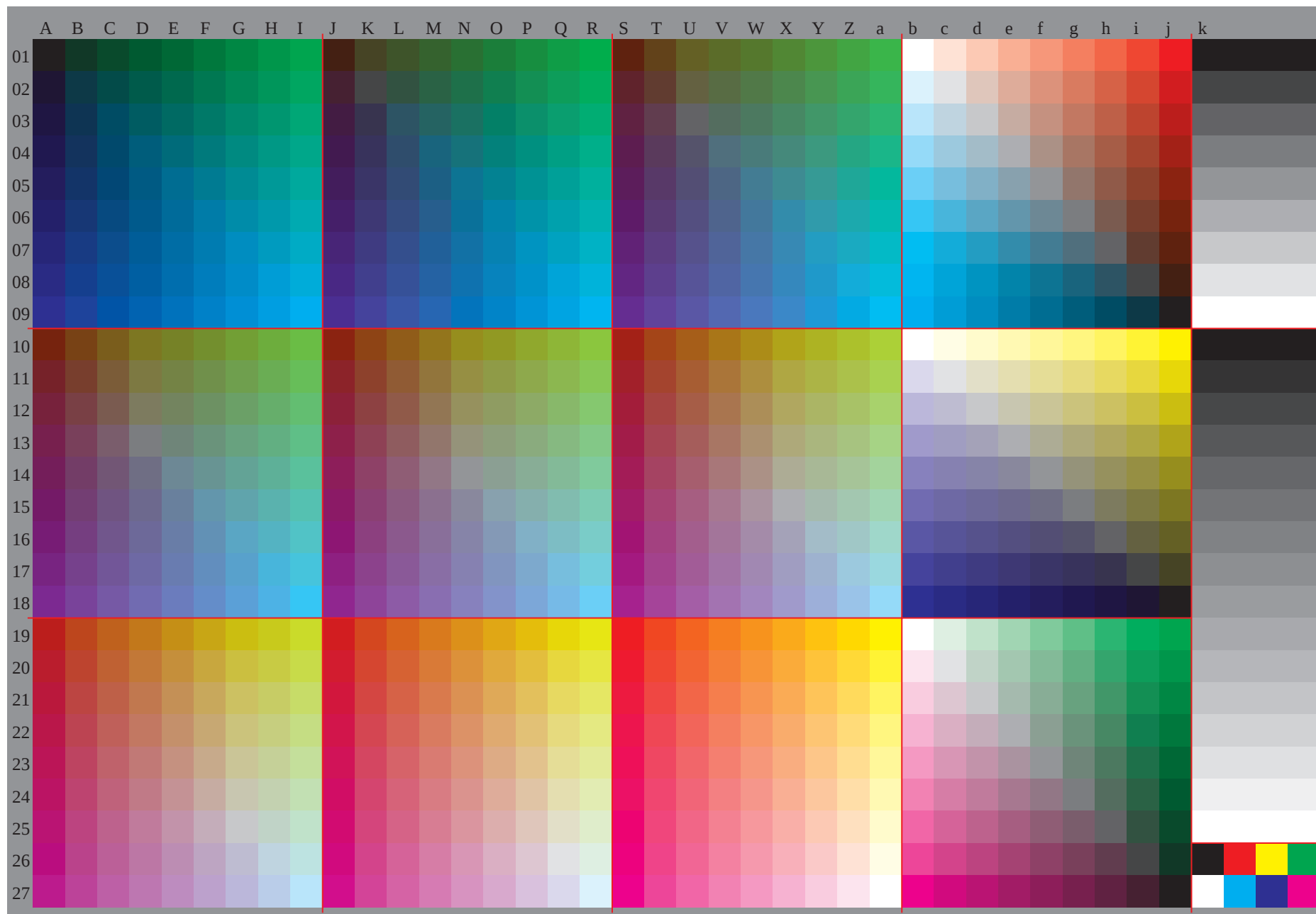
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

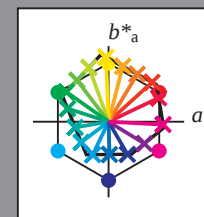




See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De.HTM
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

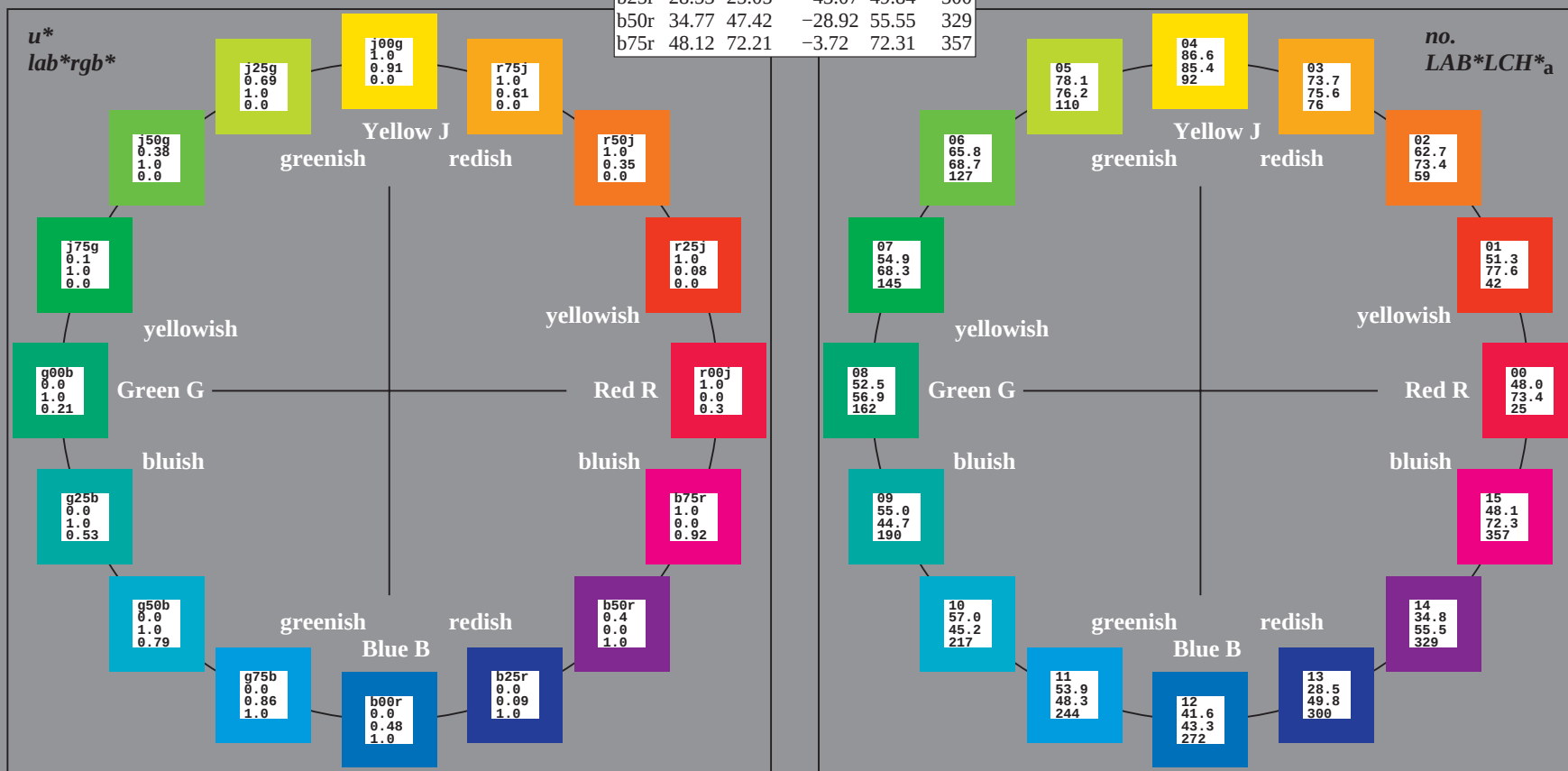
Input and output:
Colorimetric Printer Reflective System ORS20_95aM
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
u = 16 hues r00j, r25j, ..., b75r*
contrast reduction factor:
 $c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



%Gamut
 $u^*_{rel} = 87$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

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

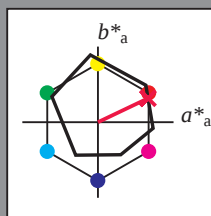
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 66 32

$LAB^*LCH^*_{Ma}$: 48 73 25

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

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

triangle lightness t^*

%Gamut

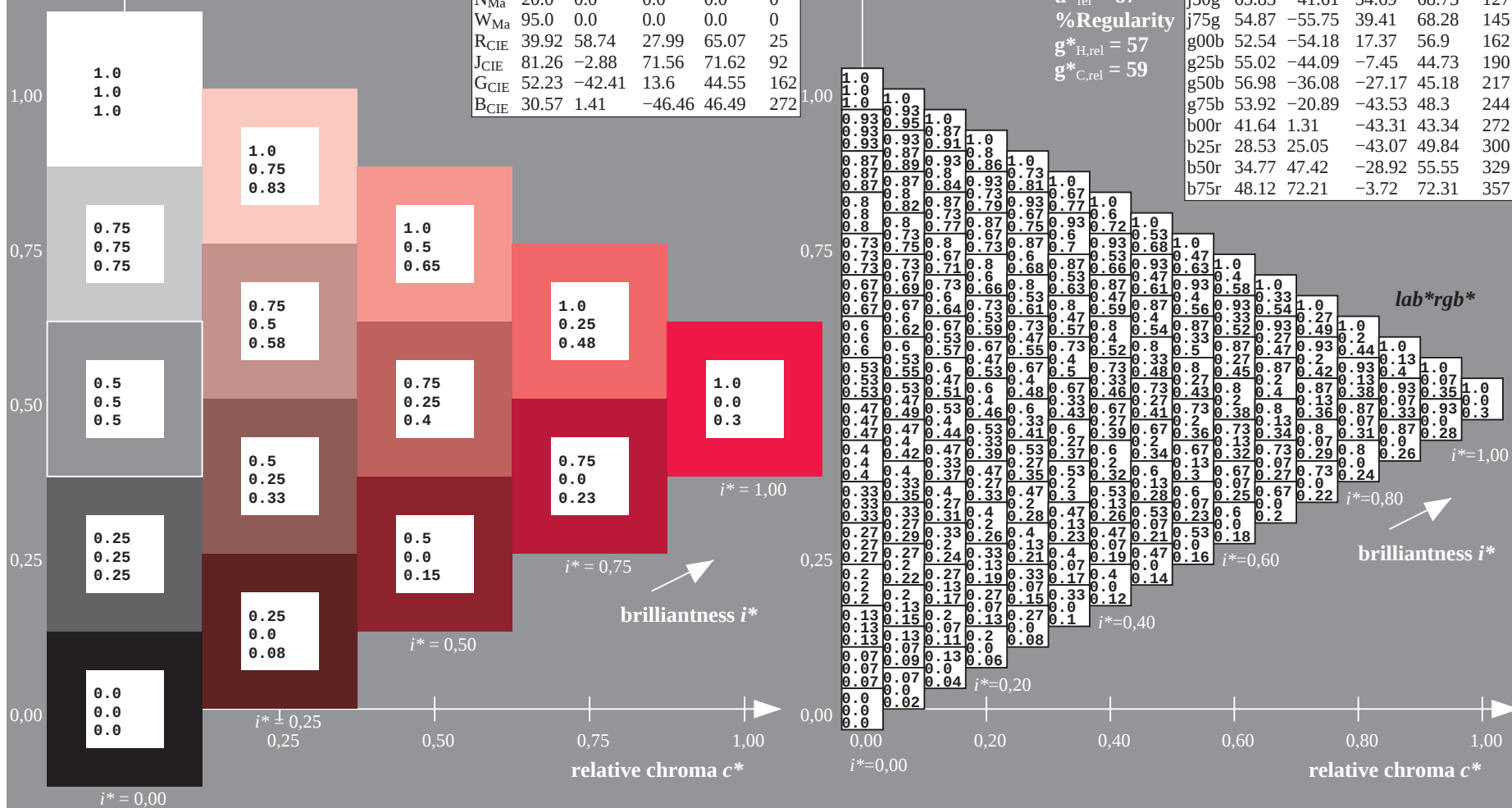
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

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

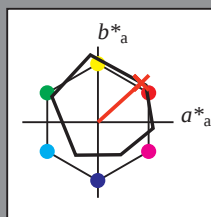
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 58 52

$LAB^*LCH^*_{Ma}$: 51 78 42

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

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

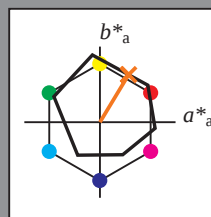
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 63 38 63

$LAB^*LCH^*_{Ma}$: 63 73 59

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

$lab^*olv^*_{Ma}$: 1.0 0.35 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

relative chroma c^*

relative chroma c^*

triangle lightness t^* 



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

*lab*rgb**

brilliantness *i**

output: $\rightarrow cmyk5^*$ *setcmykcolor*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

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

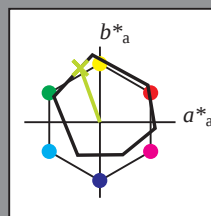
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 78 -25 72

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

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

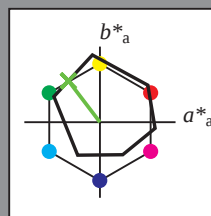
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 66 -41 55

$LAB^*LCH^*_{Ma}$: 66 69 127

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

$lab^*olv^*_{Ma}$: 0.38 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

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

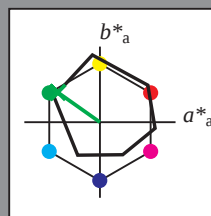
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 55 68 145

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

$lab^*olv^*_{Ma}$: 0.1 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

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

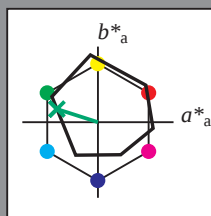
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 53 -53 17

$LAB^*LCH^*_{Ma}$: 53 57 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.21

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

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

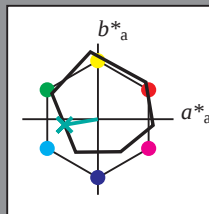
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 55 -43 -6

$LAB^*LCH^*_{Ma}$: 55 45 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.53

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

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

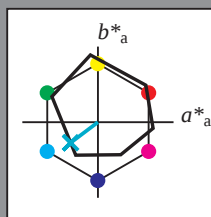
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 57 -35 -26

$LAB^*LCH^*_{Ma}$: 57 45 217

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

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

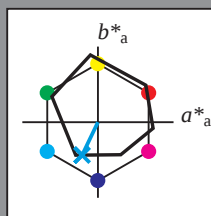
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 -20 -43

$LAB^*LCH^*_{Ma}$: 54 48 244

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

$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

triangle lightness t^*

%Gamut

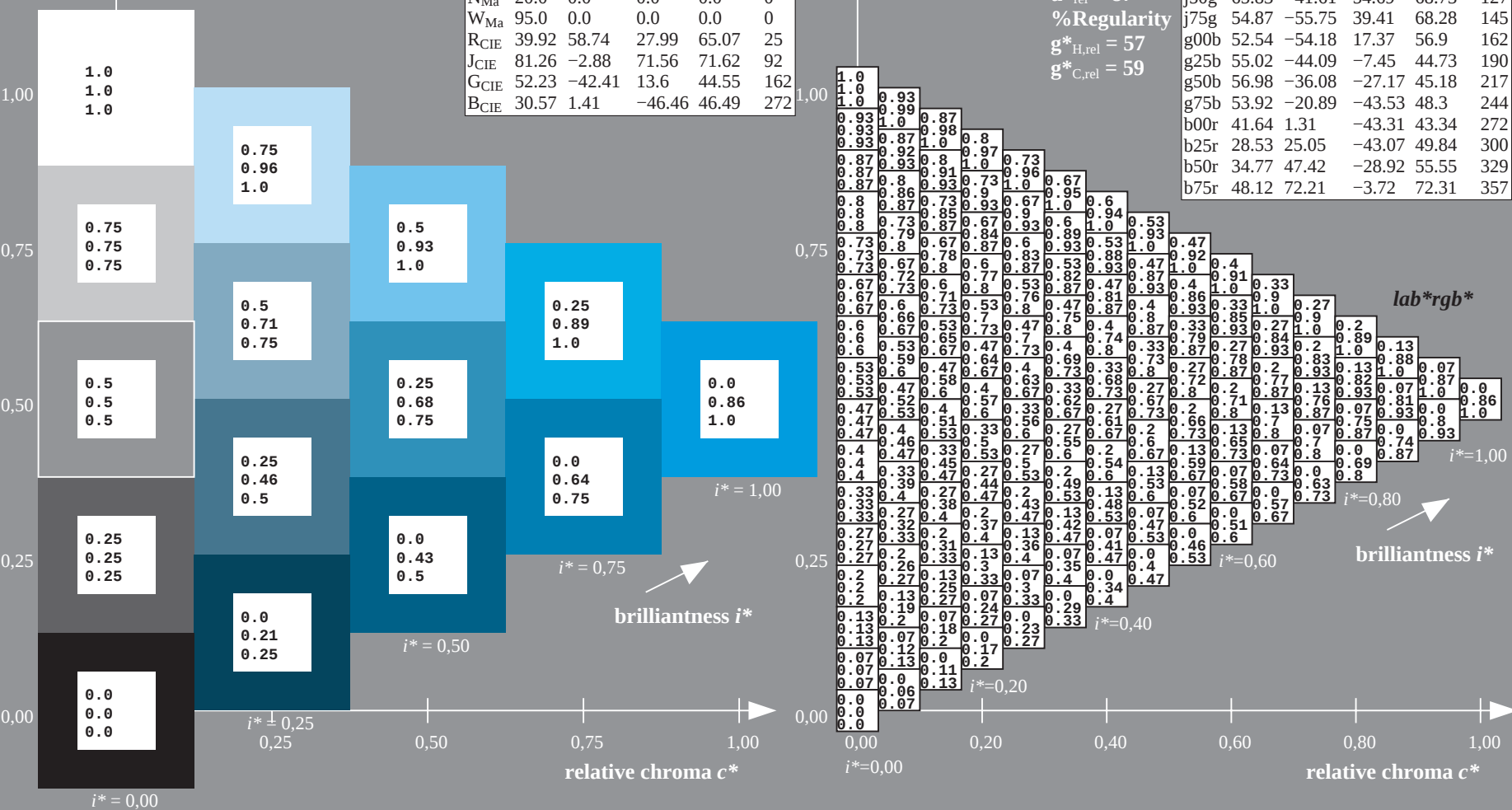
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

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

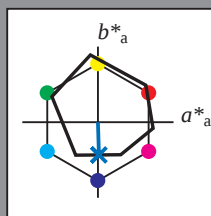
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 42 43 272

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

$lab^*olv^*_{Ma}$: 0.0 0.48 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

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

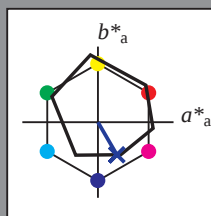
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 29 25 -42

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

triangle lightness t^*

%Gamut

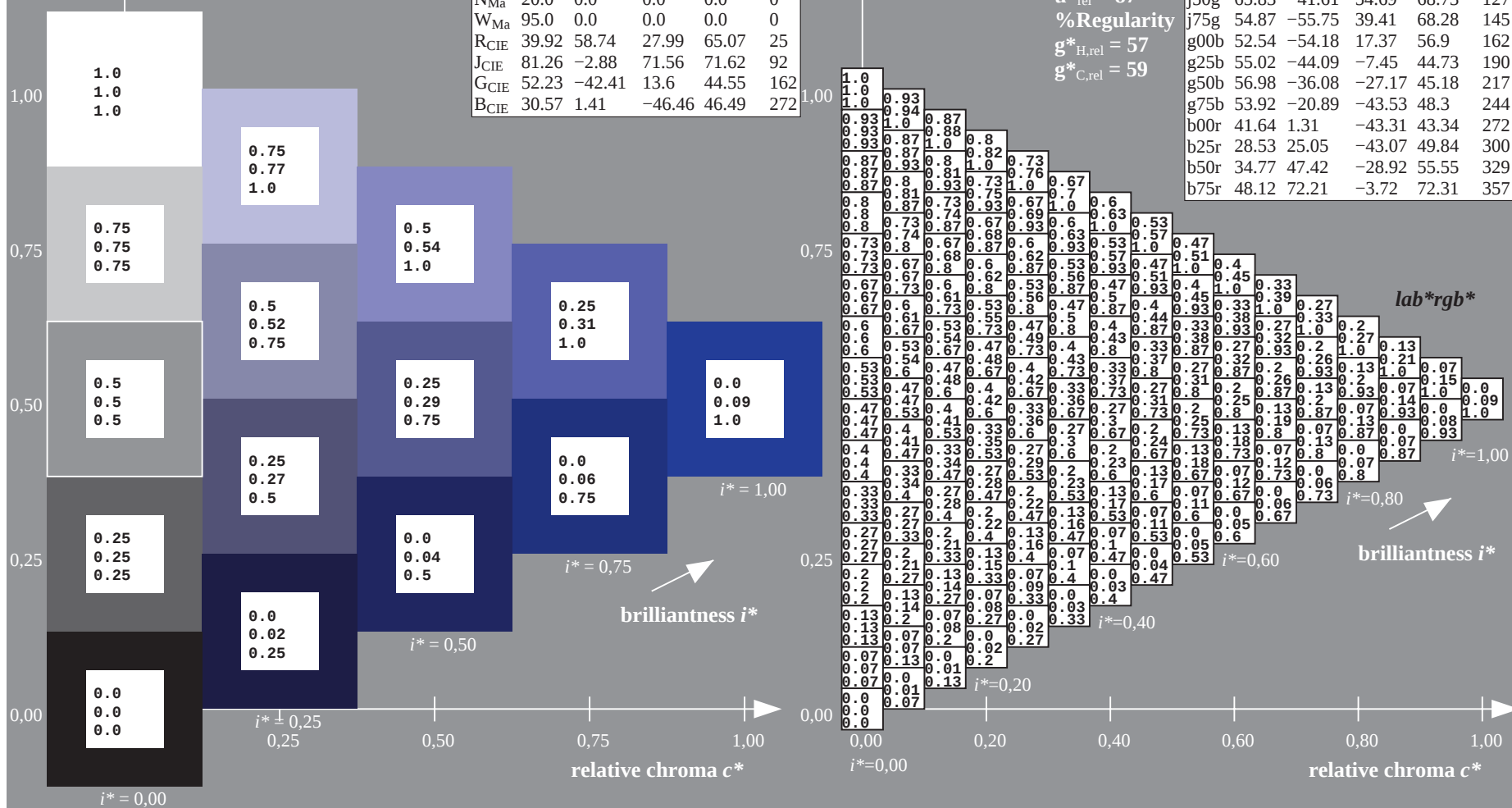
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

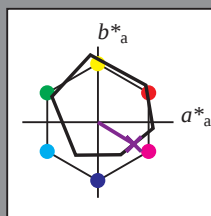
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 47 -28

$LAB^*LCH^*_{Ma}$: 35 56 329

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

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

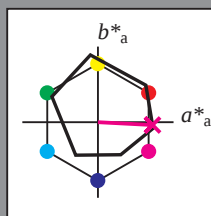
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 72 -3

$LAB^*LCH^*_{Ma}$: 48 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

triangle lightness t^*

%Gamut

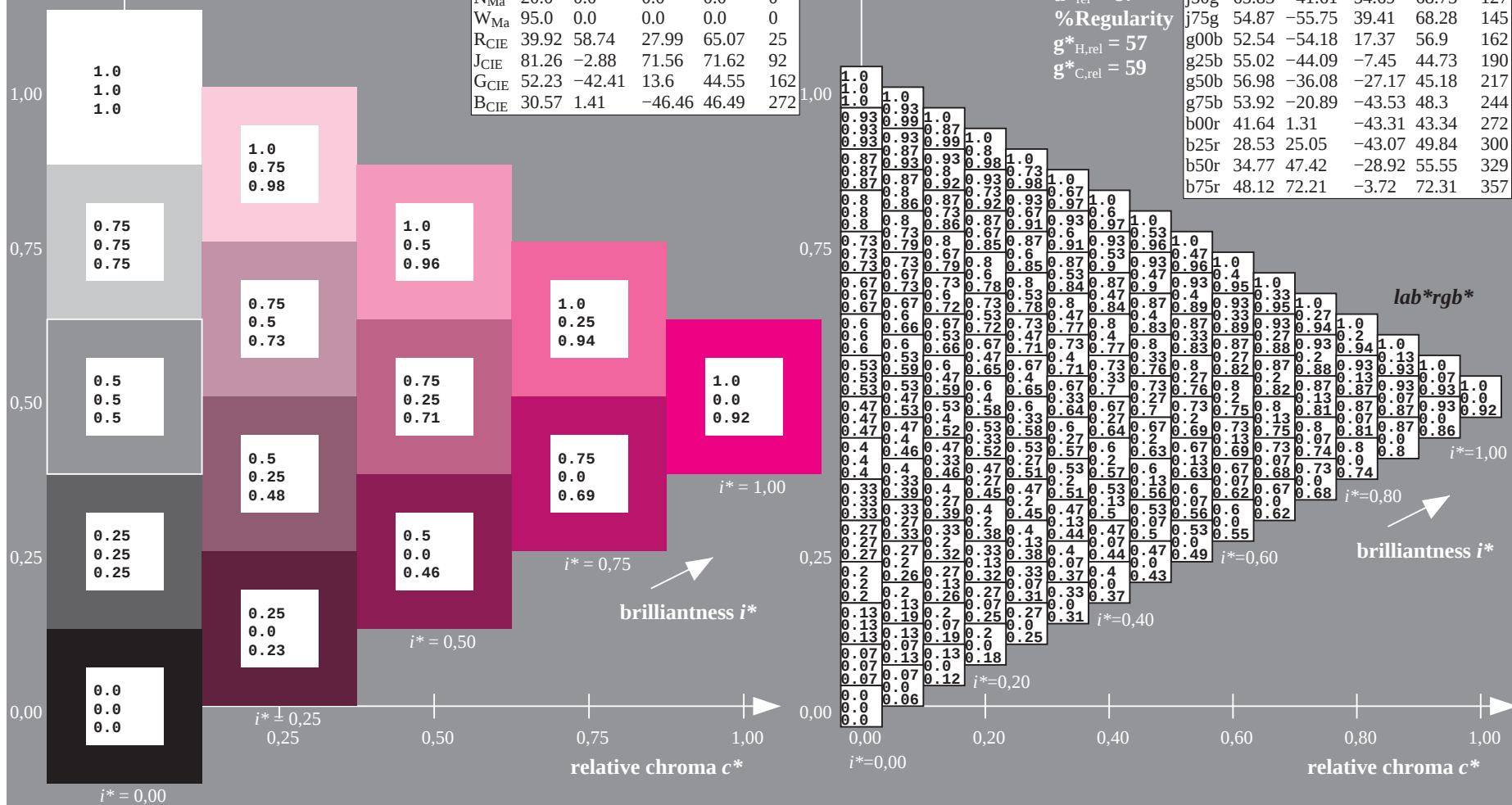
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



BAM-test chart De95; Colorimetric systems, Page 54/180
colour scales and 8 data tables for 16 hues $r00j$ to $b75r$

```
input: 000n / w / nnn0 / www set..  
output: ->cmyn5* setcmkcolor
```

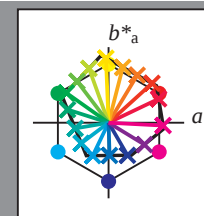
BAM registration: 20080701-De95/10L/L95E00NP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*rgb*					
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0		
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0		
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0		
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	0.13		
	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	0.13		
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25		
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25		
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63		
	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63		
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.5	0.5	0.5	0.5	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	0.5		
	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	0.5		
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63		
	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63		
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75	0.75		
	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75	0.75		
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88	0.88		
	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88	0.88		
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0	1.0		
	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0			
10	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0	1.0		
	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
11	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.07						

Input and output:
Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

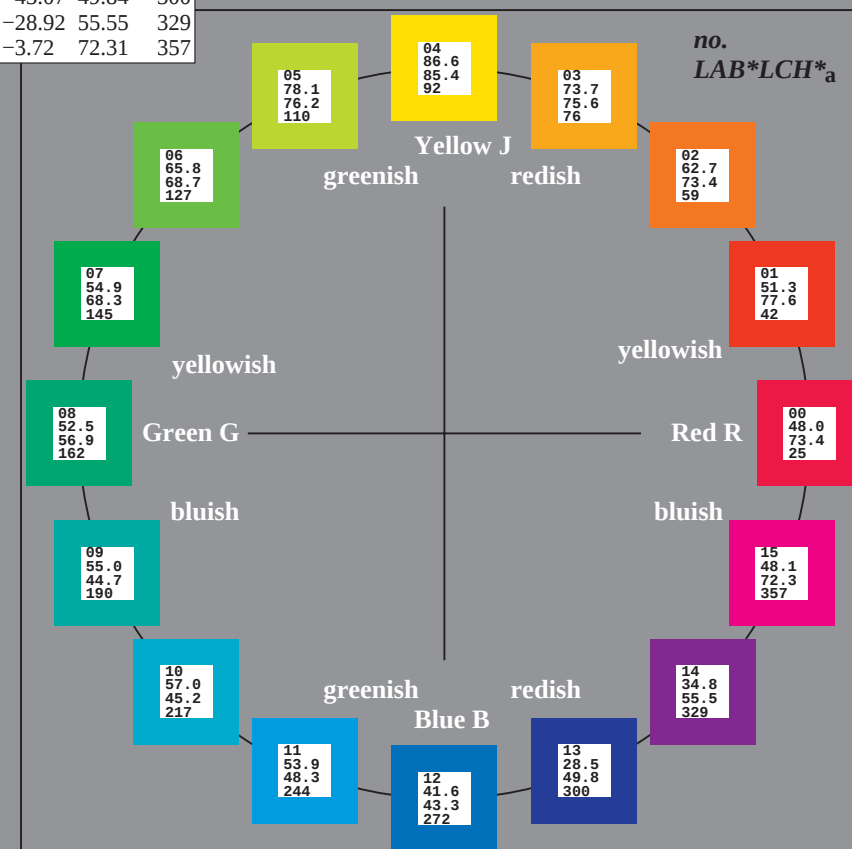
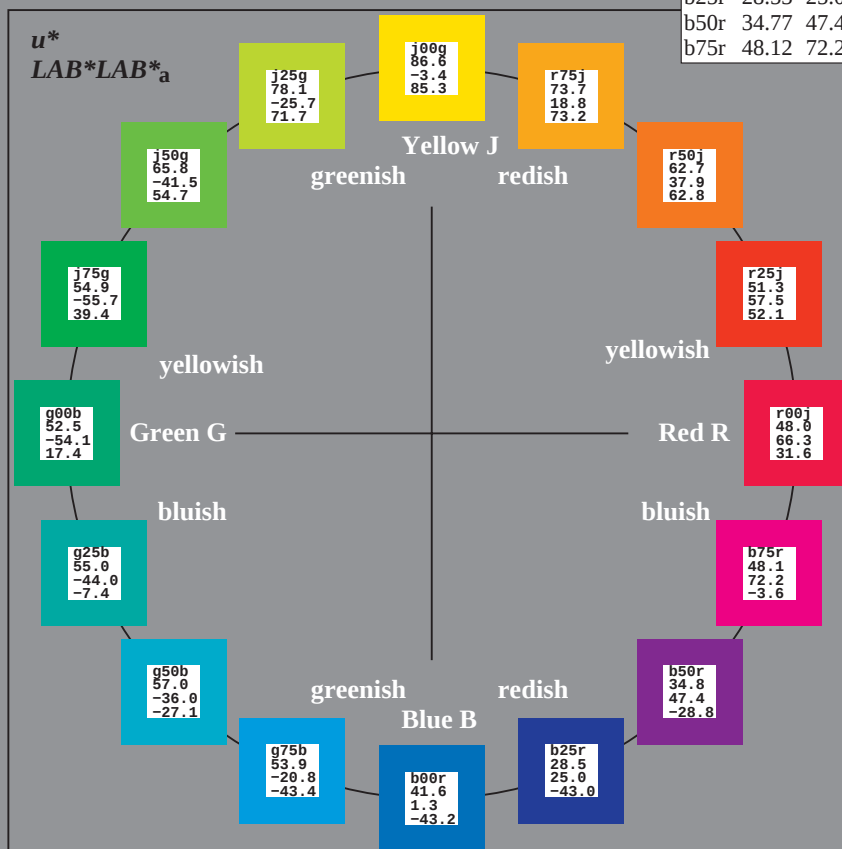
*lab*tch** and *lab*icu**
elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
contrast reduction factor:
 $c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



%Gamut
 $u^*_{rel} = 87$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	63.36	48.95	80.07	38
YMa	90.37	-9.94	88.91	89.46	96
LMa	50.9	-60.88	33.87	69.68	151
CMa	58.62	-29.4	-43.62	52.61	236
VMa	25.72	30.13	-43.02	52.54	305
MMa	48.13	72.95	-8.1	73.39	354
NMa	20.0	0.0	0.0	0.0	0
WMa	95.0	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

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

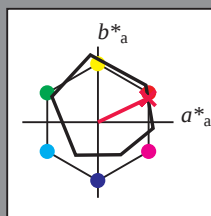
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 66 32

$LAB^*LCH^*_Ma$: 48 73 25

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

$lab^*olv^*_Ma$: 1.0 0.0 0.3

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

$LAB^*LAB^*_a$

$i^* = 1.00$

brilliantness i^*

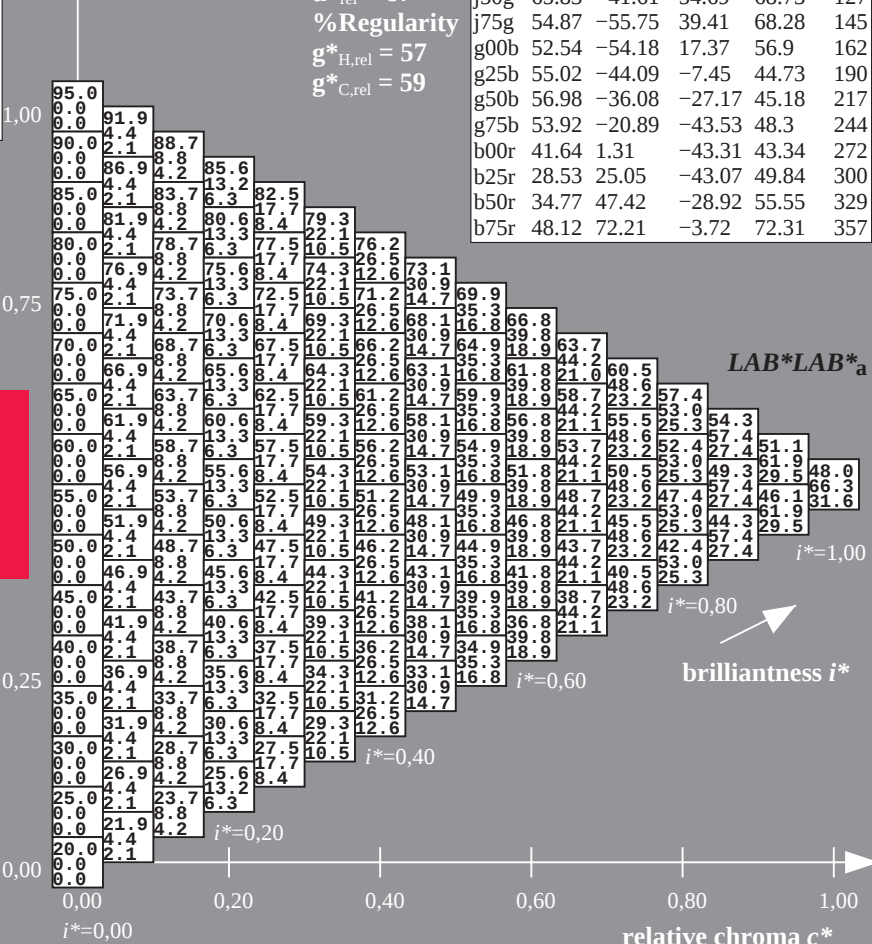
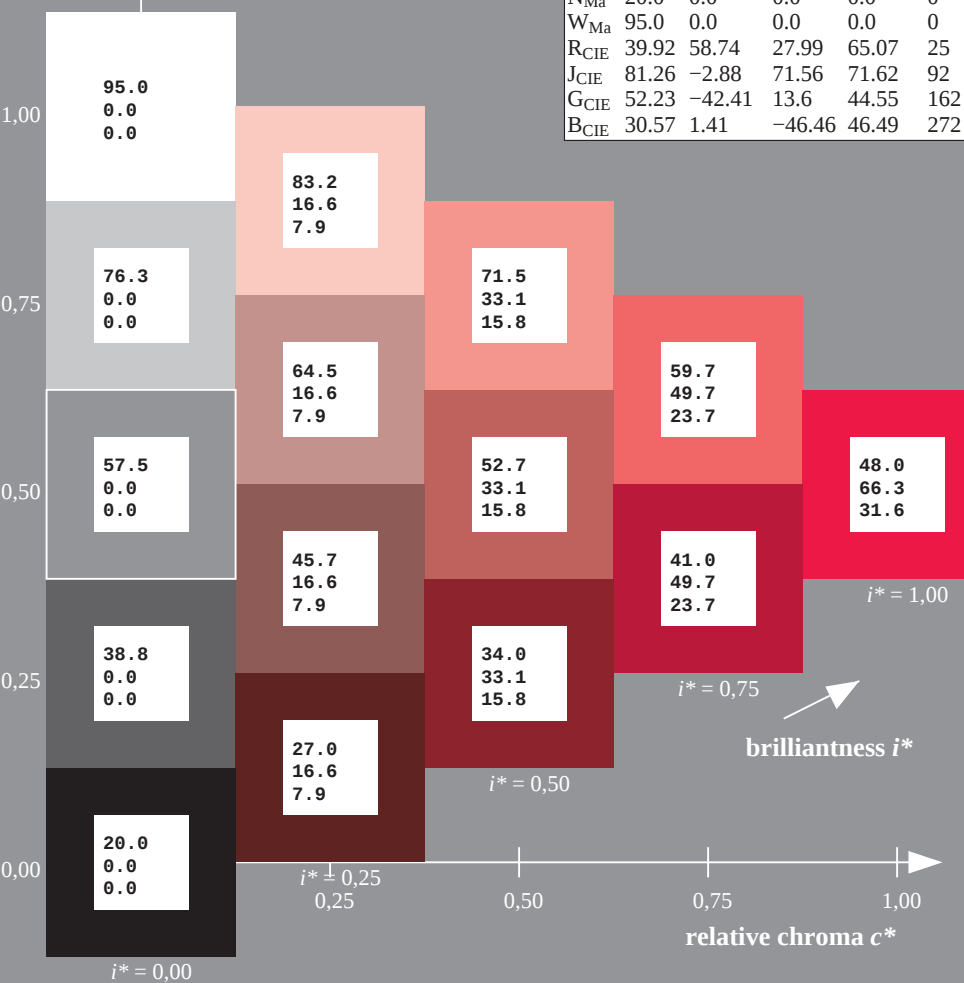
$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

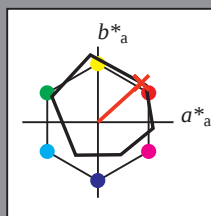
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB \cdot LAB^*_Ma$: 51 58 52

$LAB \cdot LCH^*_Ma$: 51 78 42

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

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

triangle lightness t^*

%Gamut

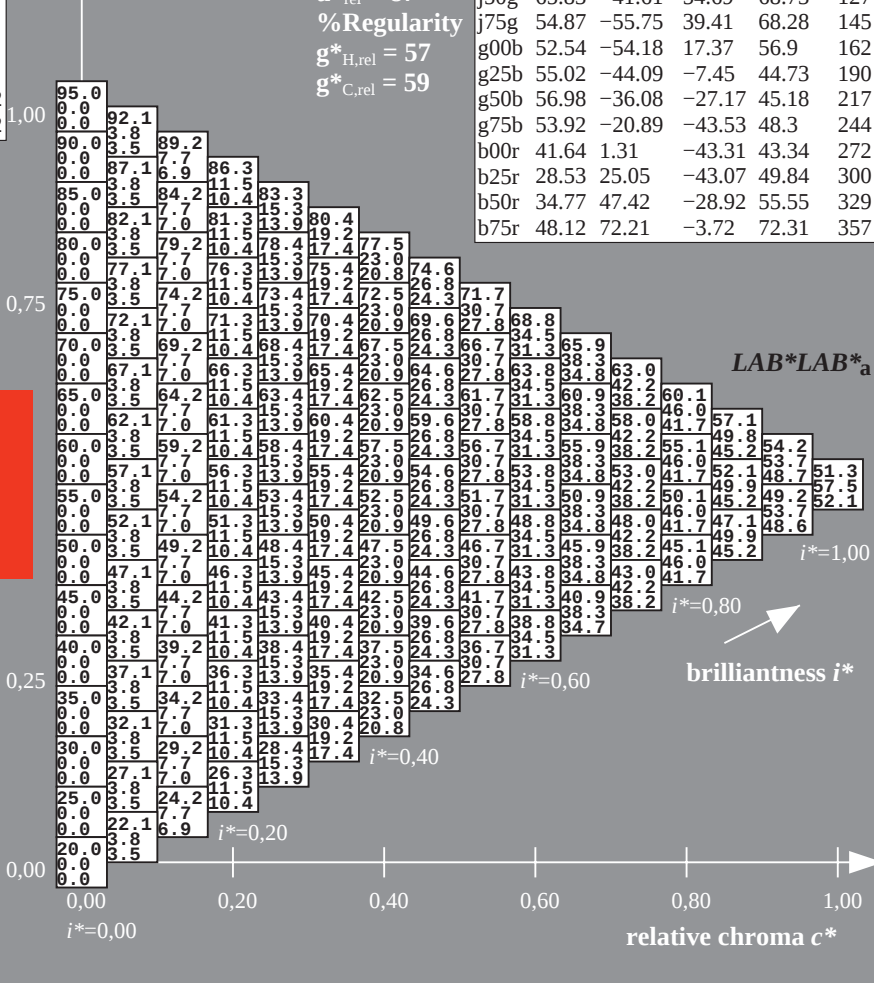
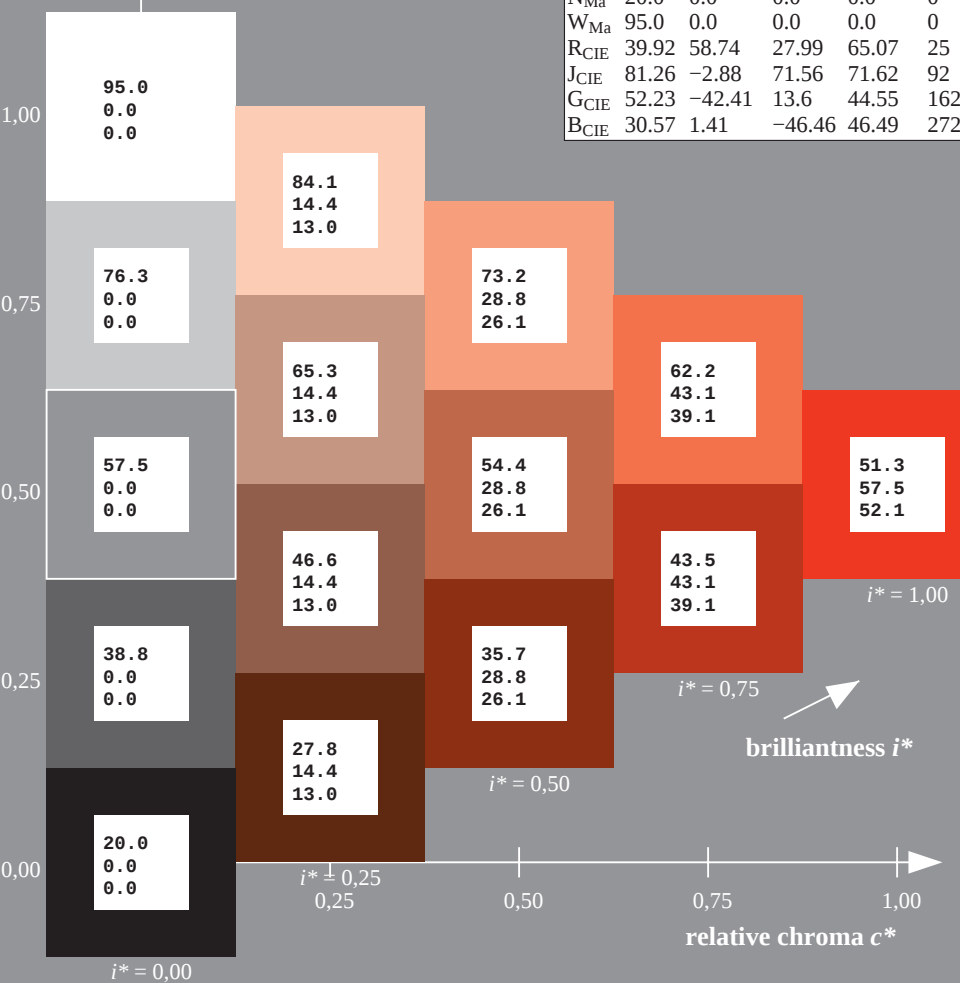
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

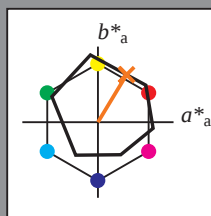
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB \cdot LAB^*_Ma$: 63 38 63

$LAB \cdot LCH^*_Ma$: 63 73 59

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

$lab \cdot olv^*_Ma$: 1.0 0.35 0.0

triangle lightness t^*

%Gamut

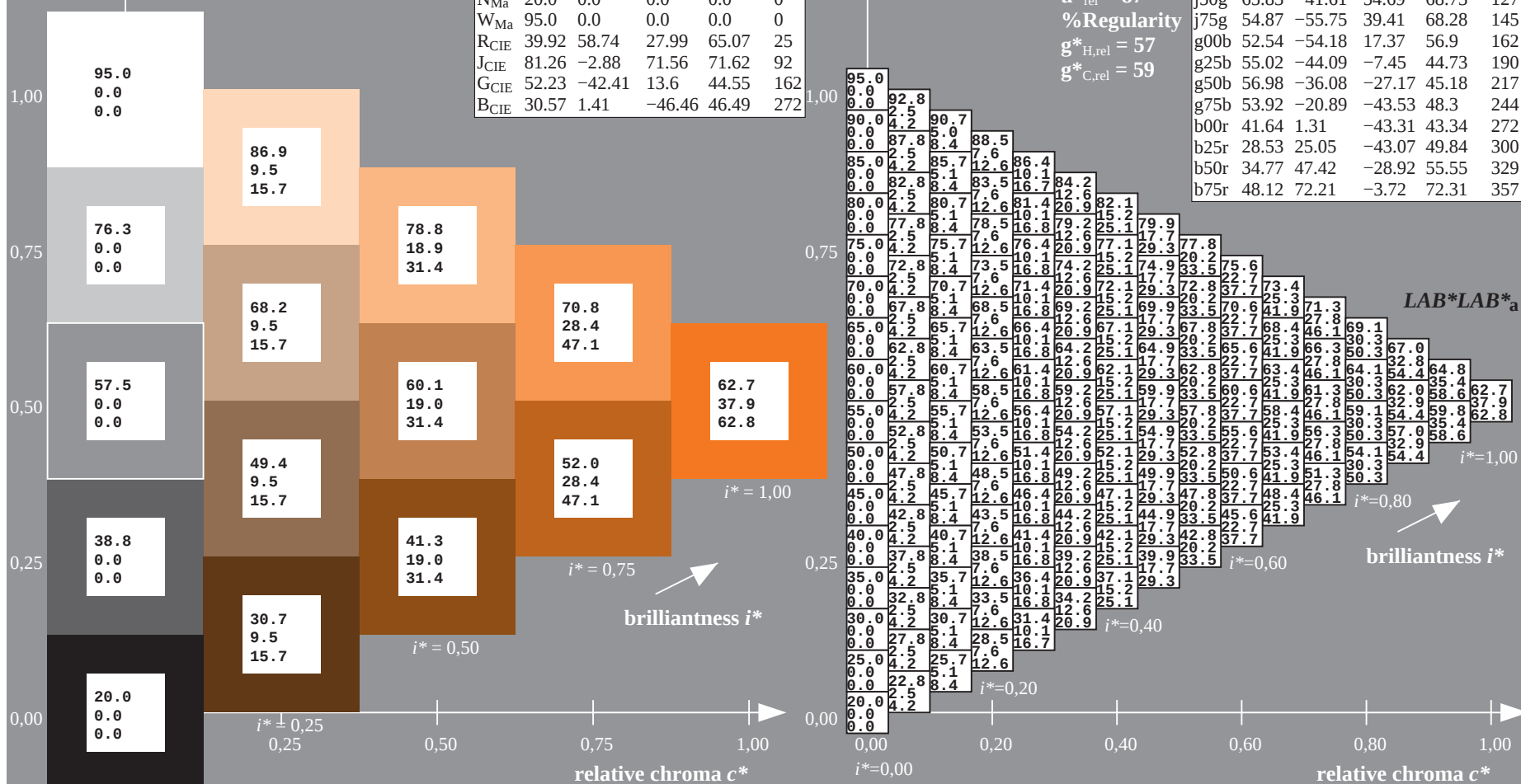
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

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

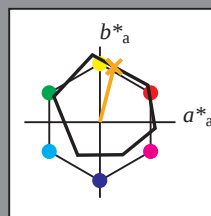
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_Ma$: 74 19 73

$LAB^*LCH^*_Ma$: 74 76 76

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

$lab^*olv^*_Ma$: 1.0 0.61 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

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

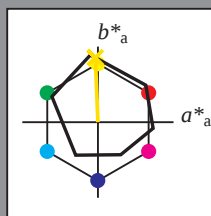
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_Ma$: 87 -2 85

$LAB^*LCH^*_Ma$: 87 85 92

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

$lab^*olv^*_Ma$: 1.0 0.91 0.0

triangle lightness t^*

%Gamut

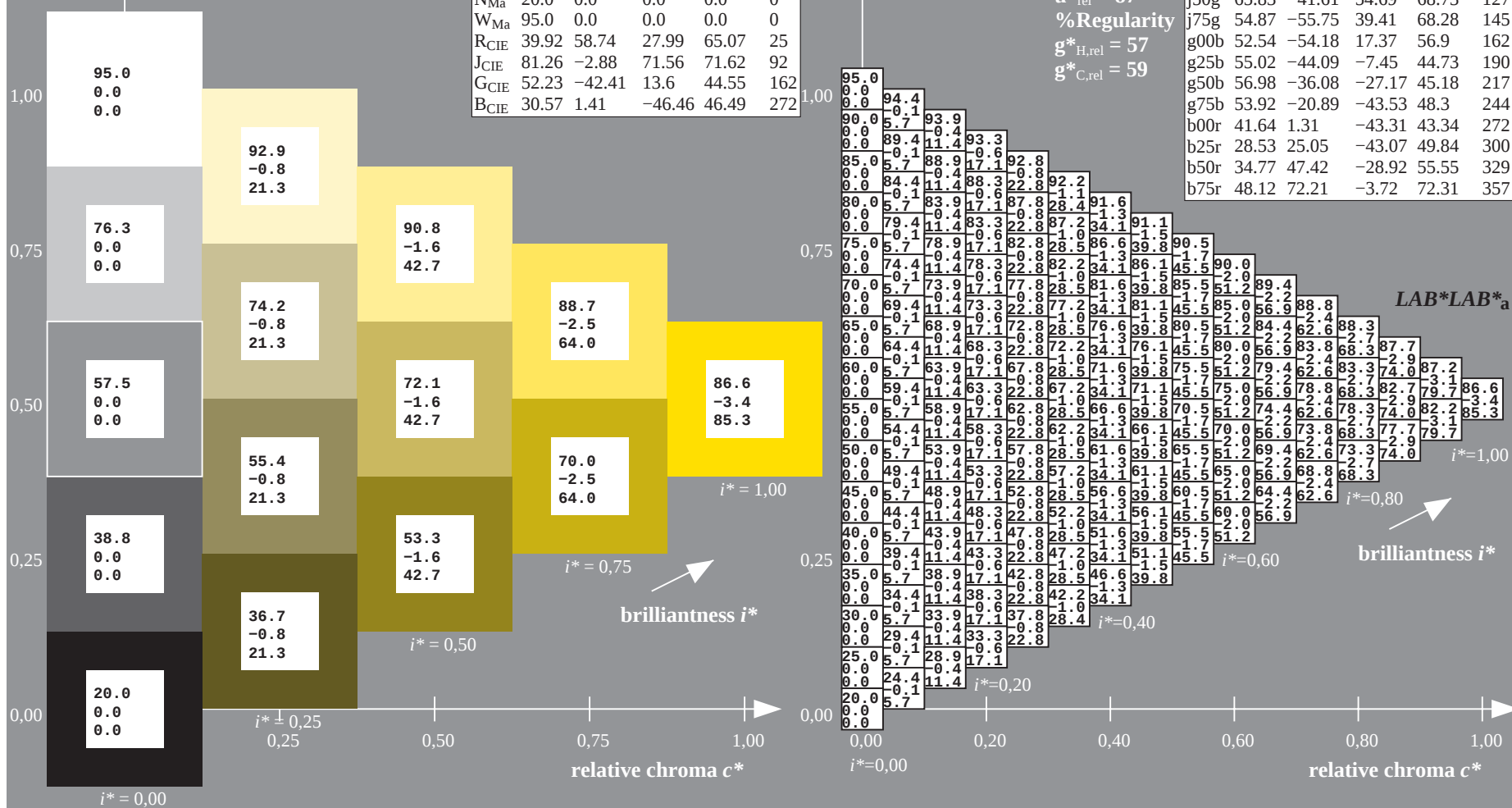
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

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

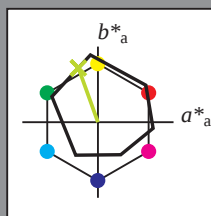
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 78 -25 72

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

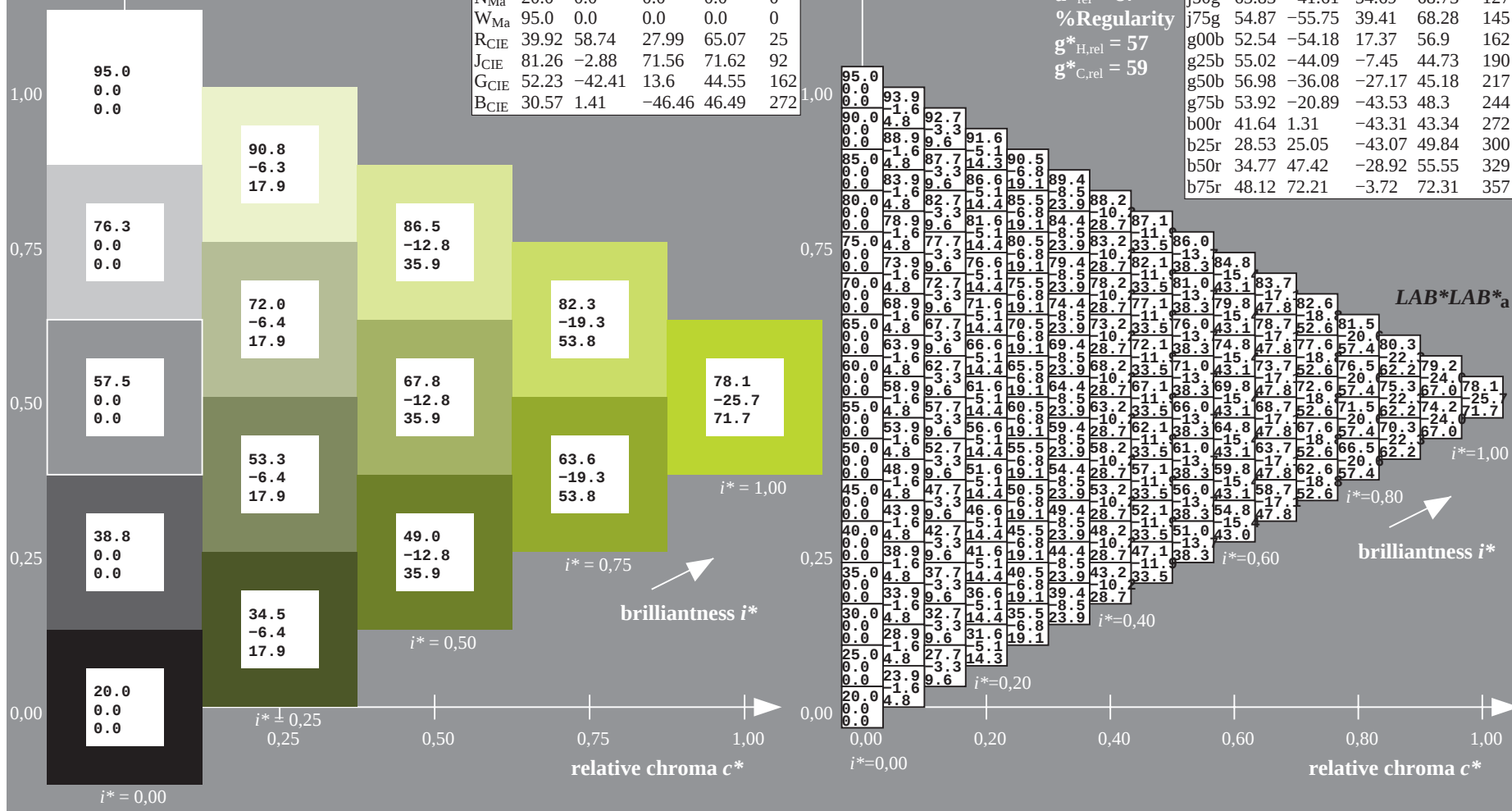
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-45.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

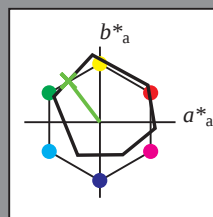
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB \cdot LAB^*_Ma$: 66 -41 55

$LAB \cdot LCH^*_Ma$: 66 69 127

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

$lab \cdot olv^*_Ma$: 0.38 1.0 0.0

triangle lightness t^*

%Gamut

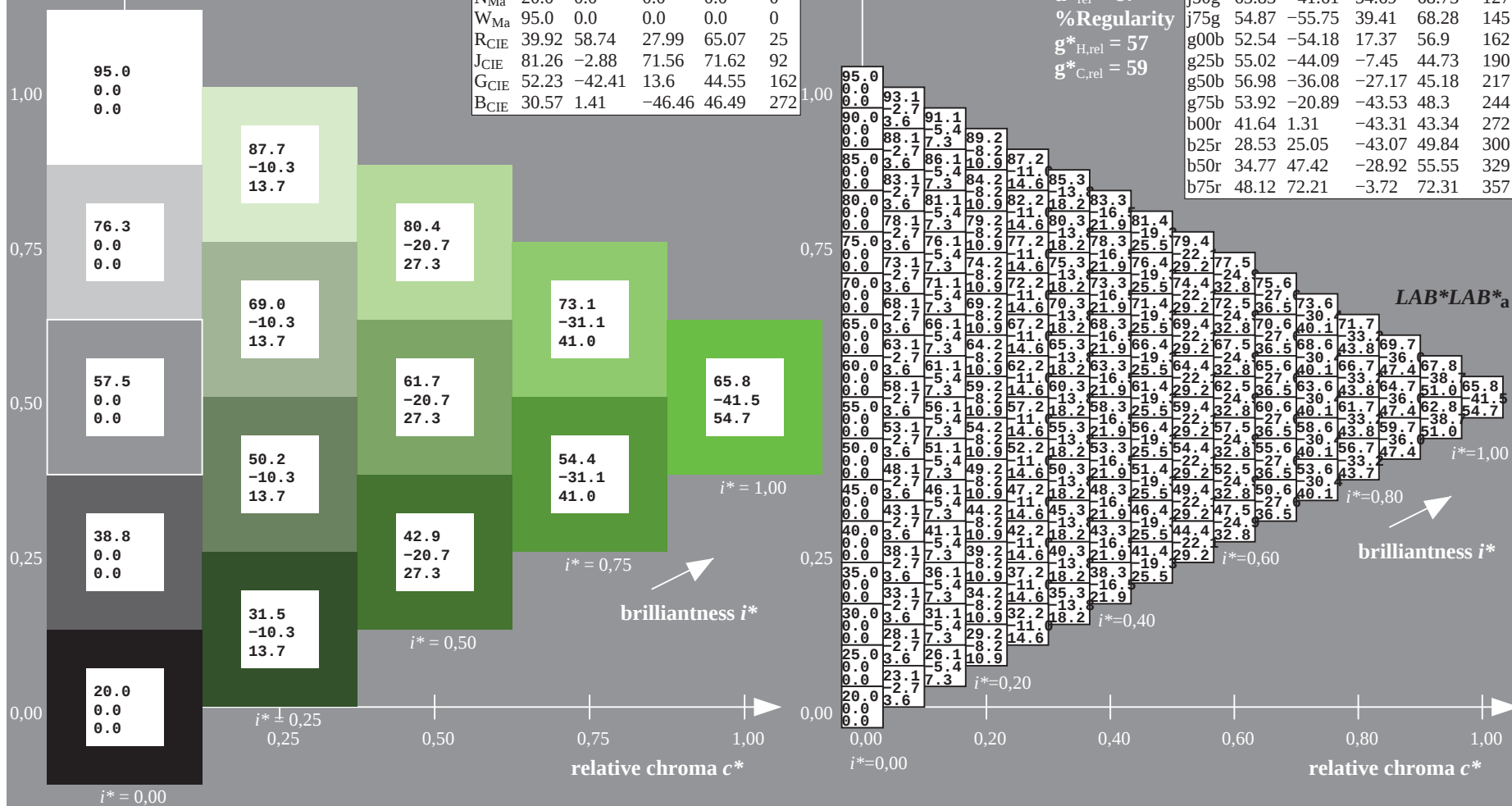
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

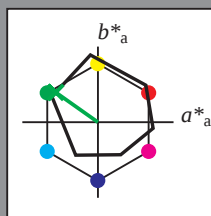
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB \cdot LAB^*_{Ma}$: 55 -55 39

$LAB \cdot LCH^*_{Ma}$: 55 68 145

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

$lab \cdot olv^*_{Ma}$: 0.1 1.0 0.0

triangle lightness t^*

%Gamut

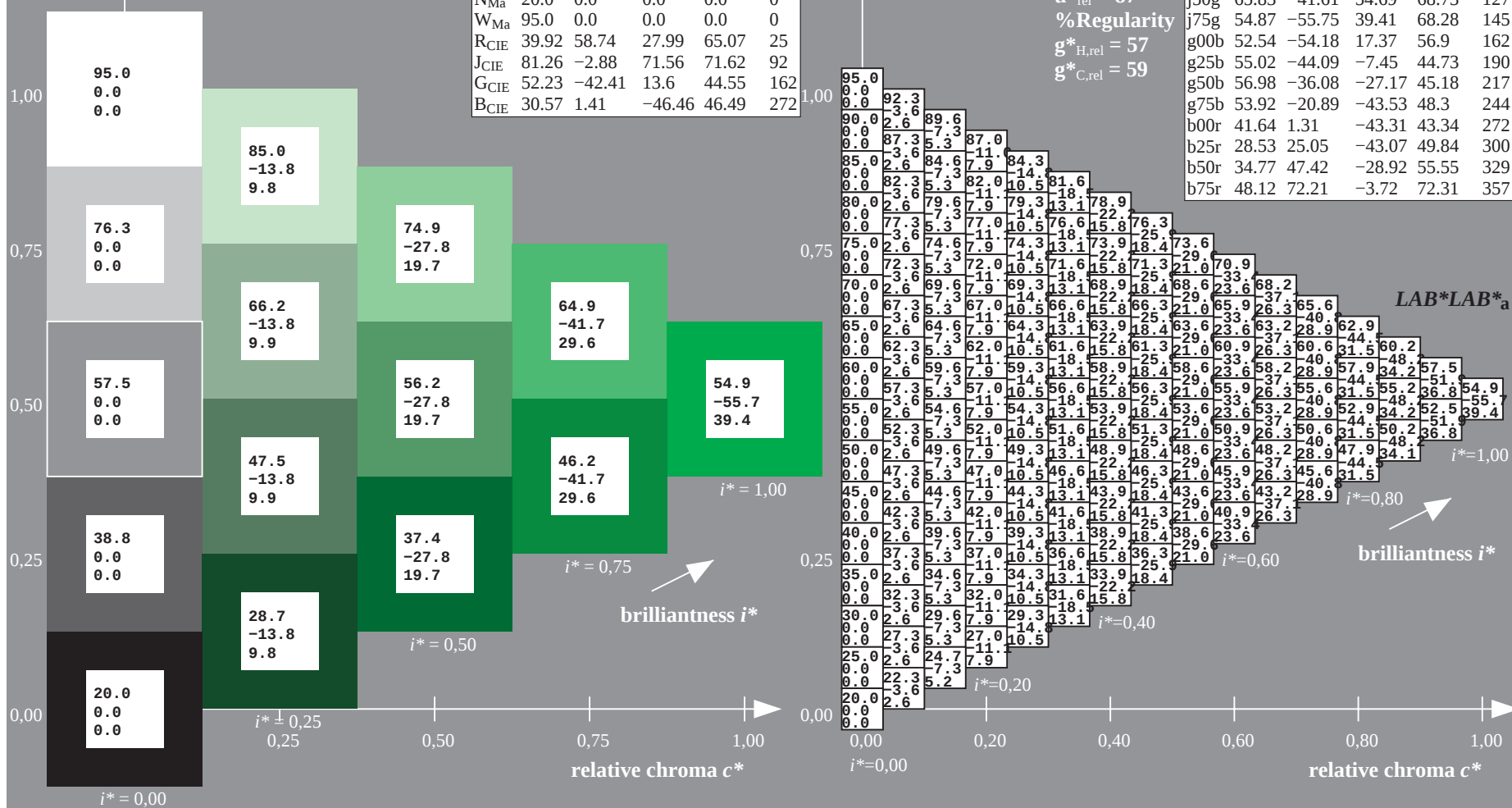
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

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

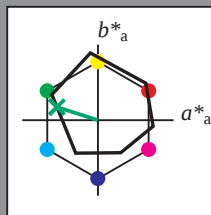
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 53 -53 17

$LAB^*LCH^*_{Ma}$: 53 57 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.21

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

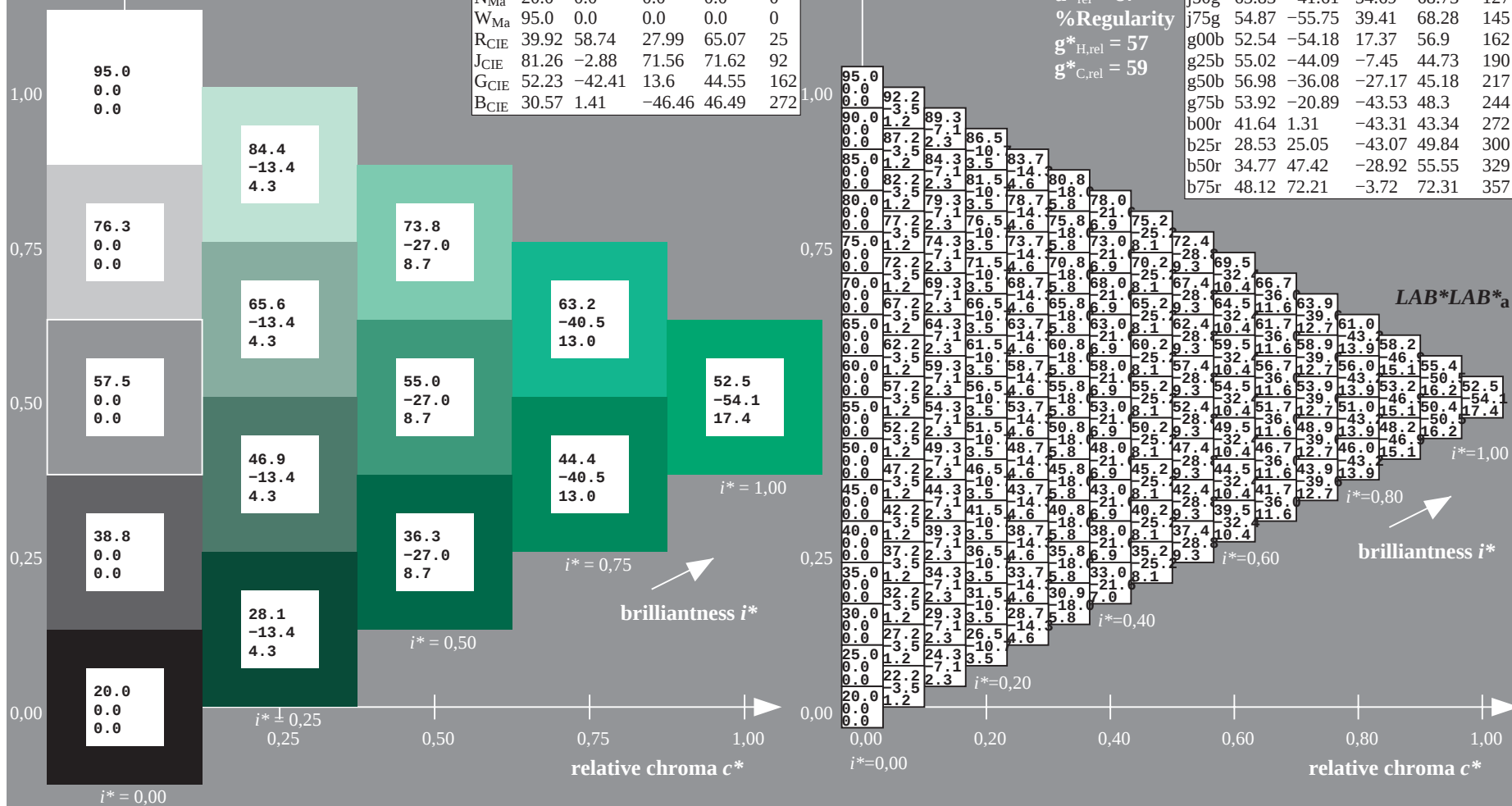
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

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

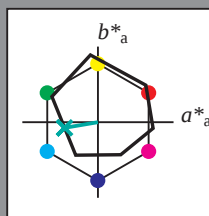
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 55 -43 -6

$LAB^*LCH^*_{Ma}$: 55 45 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.53

triangle lightness t^*

%Gamut

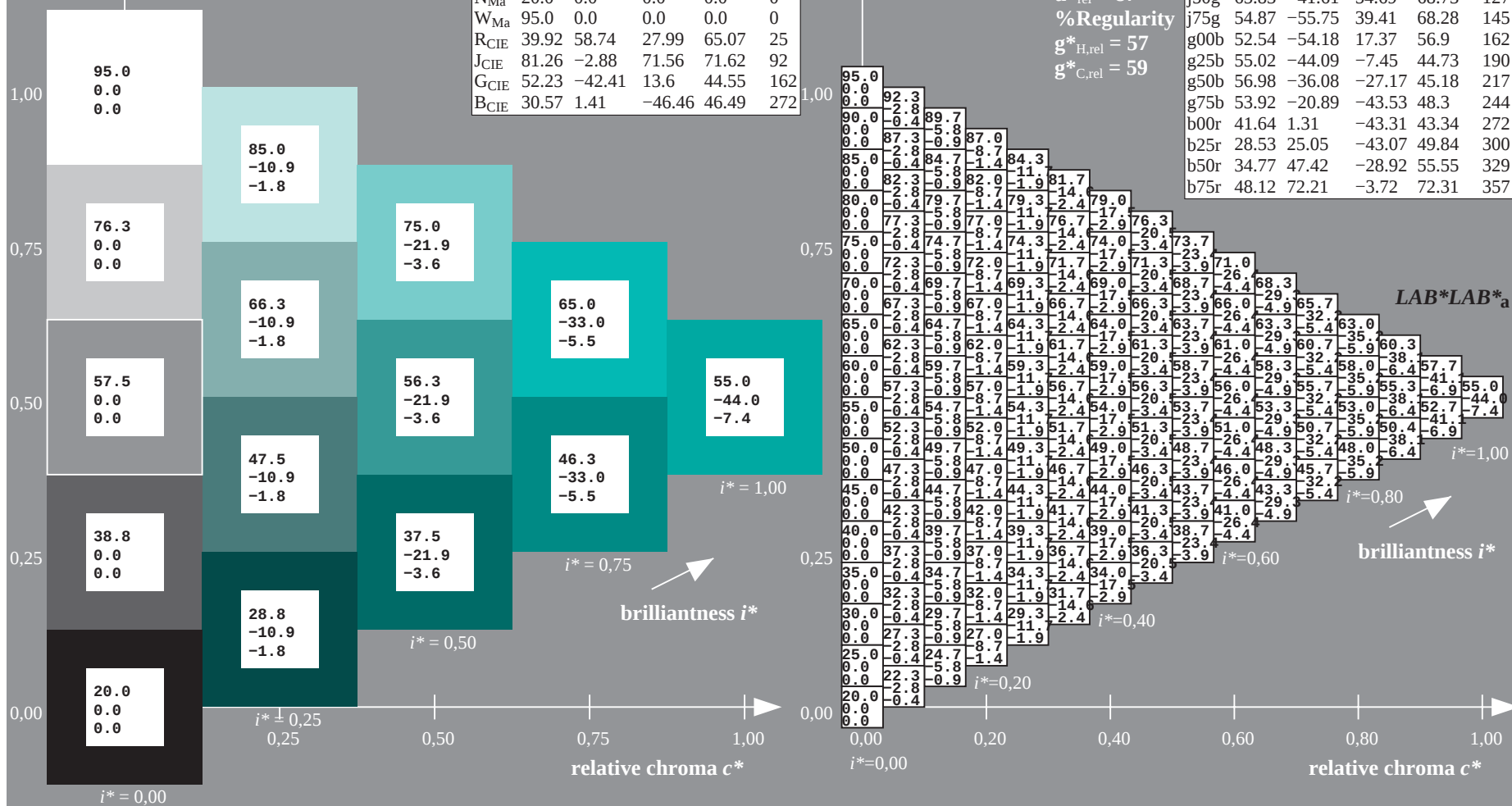
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

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

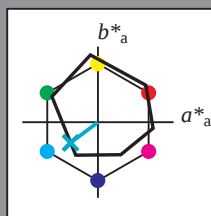
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_Ma$: 57 -35 -26

$LAB^*LCH^*_Ma$: 57 45 217

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

$lab^*olv^*_Ma$: 0.0 1.0 0.79

triangle lightness t^*

%Gamut

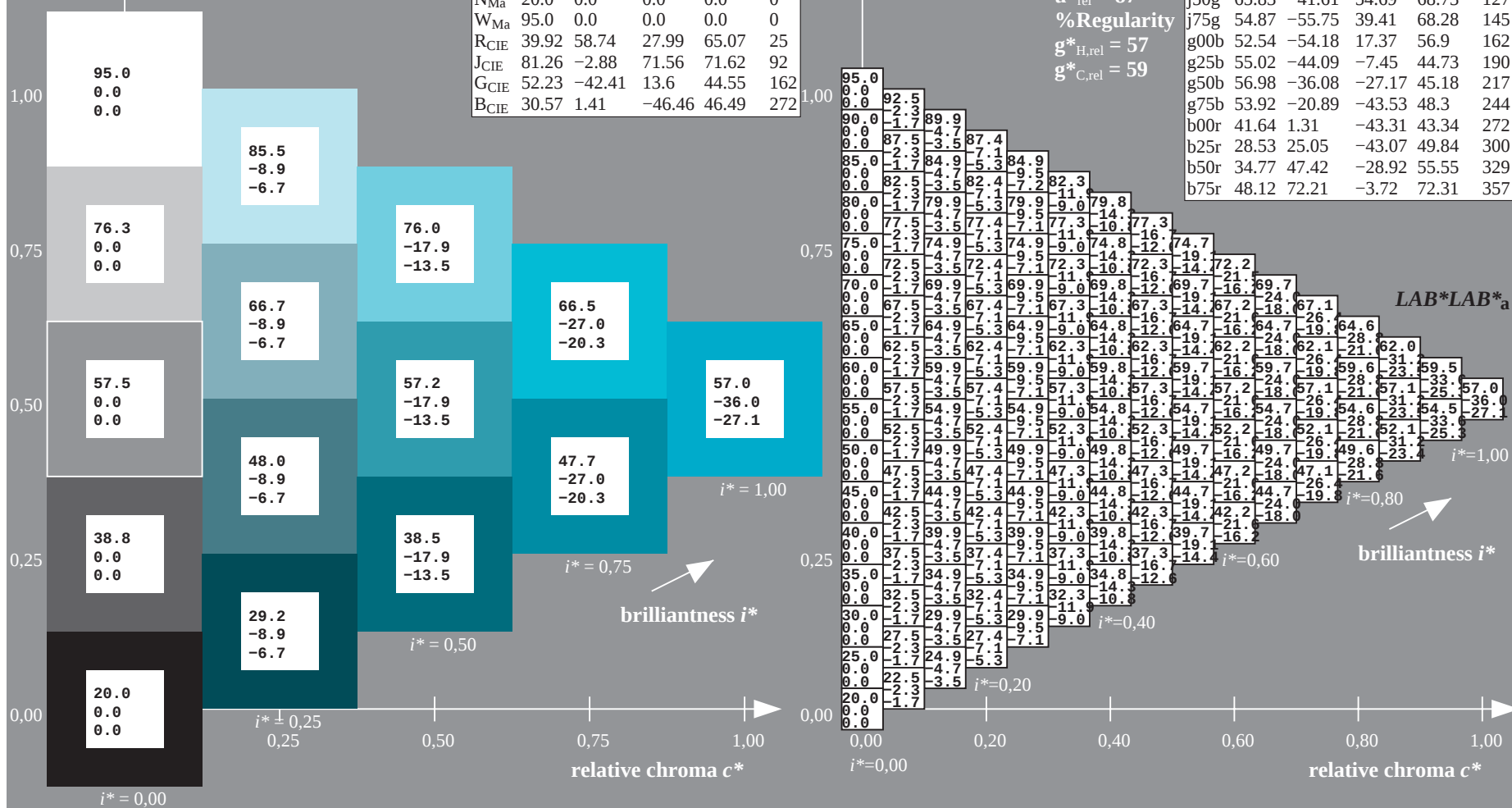
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-45.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



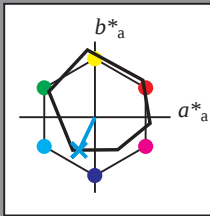
Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 244/360 = 0.679$
data for any colour: Data for maximum colour (Ma):

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

elementary hue text:

$$u^* = g75b$$

contrast reduction factor:

$$c_R = 0.97$$
triangle lightness t^* 

ORS20_95aM; adapted (a) CIELAB data						
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	47.94	63.36	48.95	80.07	38	
Y _{Ma}	90.37	-9.94	88.91	89.46	96	
L _{Ma}	50.9	-60.88	33.87	69.68	151	
C _{Ma}	58.62	-29.4	-43.62	52.61	236	
V _{Ma}	25.72	30.13	-43.02	52.54	305	
M _{Ma}	48.13	72.95	-8.1	73.39	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	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*M₂: 54 -20 -43

LAP*ICH*5:54 48 244

LAB LCH Ma: 54 46 24

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

lab*olv*_Ma: 0.0 0.86 1.0

triangle lightness t^*

Figure 6

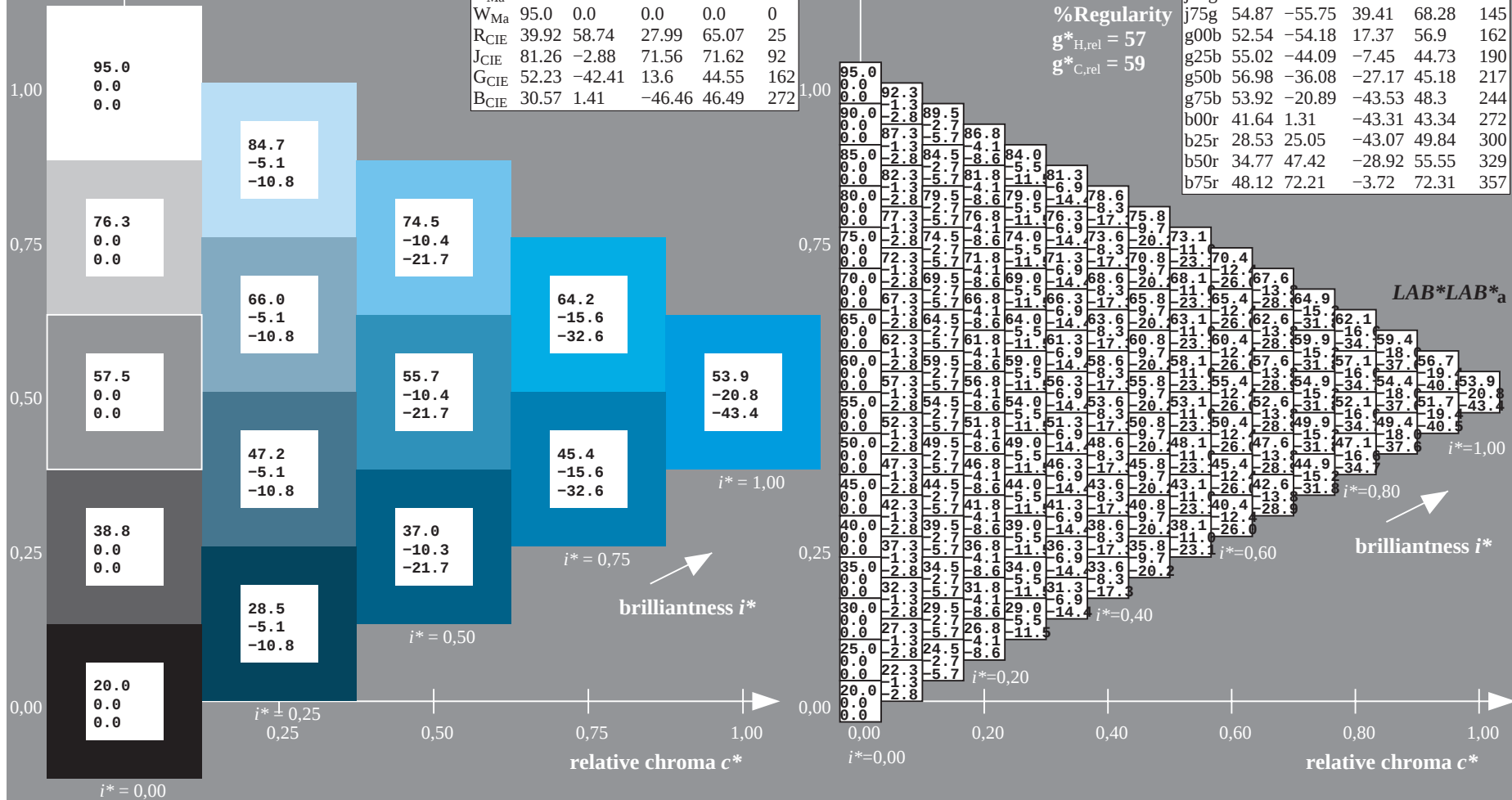
%Gamut

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

%Regularity

$$g^*_{H,rel} = 57$$
$$g^*_{C,rel} = 59$$

ORS20_95aM; adapted (a) CIELAB data					
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



BAM-test chart De95; Colorimetric systems, Page 67/180
colour scales and 8 data tables for 16 hues *r00j* to *b75r*

```
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor
```

BAM registration: 20080701-De95/10L/L95E00NP.PS/.PDF BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

Version 2.1, io=1,1, ColSpx=1

See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSp=1

BAM registration: 20080701-De95/10L/L95E00NP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

data for any colour:

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

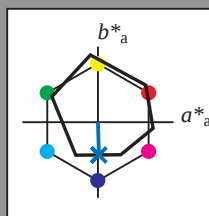
elementary hue text:

$$u^* = b00r$$

contrast reduction factor:

 $c_D = 0.97$ triangle lightness t^*

triangle lightness t



ORS20_95aM; adapted (a) CIELAB data						
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	47.94	63.36	48.95	80.07	38	
Y _{Ma}	90.37	-9.94	88.91	89.46	96	
L _{Ma}	50.9	-60.88	33.87	69.68	151	
C _{Ma}	58.62	-29.4	-43.62	52.61	236	
V _{Ma}	25.72	30.13	-43.02	52.54	305	
M _{Ma}	48.13	72.95	-8.1	73.39	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	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* μ : 42 1 -42

LAD	LAD	Ma.	42	1	42
LAD*LCU*			42	42	252

LAB*LCH*_{Ma}: 42 43 2

lab*rgb_{Ma}: 0.0 0.0 1.0

lab*olv*Ma: 0.0 0.48 1.0

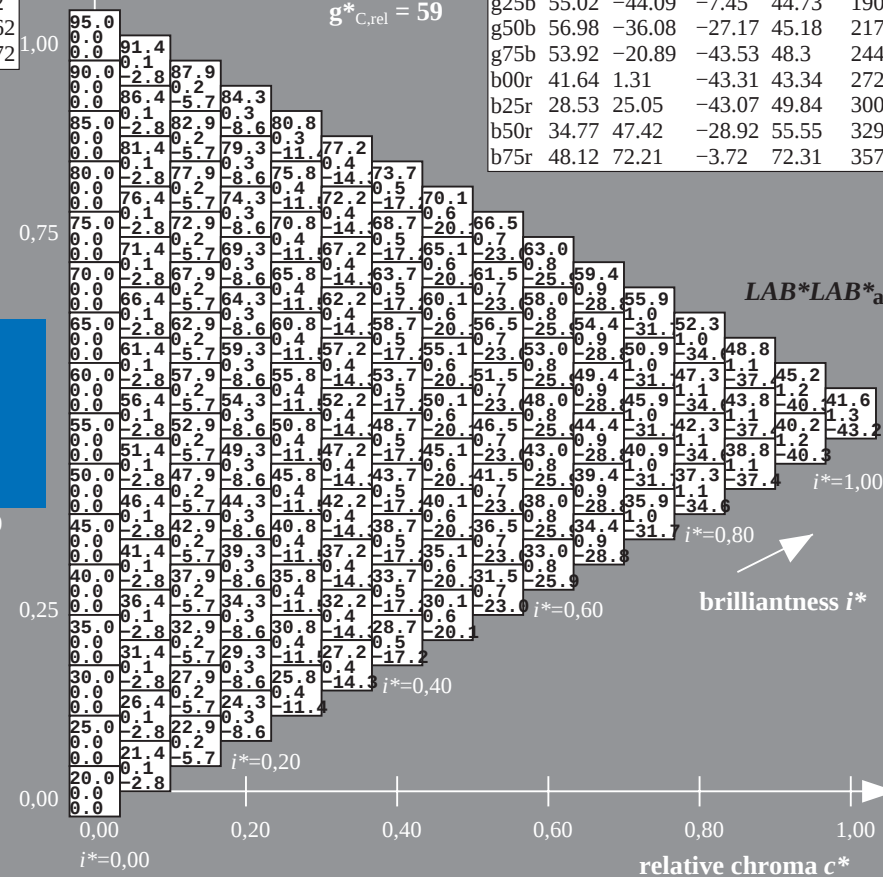
triangle lightness t^*

triangle rightness t

%Gamut

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

%Regularity

$$g^*_{H,rel} = 57$$
$$g^*_{C,rel} = 59$$

$$u^* = b00r$$

$$LAB^*LAB^*_a$$

ORS20_95aM; adapted (a) CIELAB data					
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

$$LAB*LAB*_a$$
brilliantness i^*

BAM-test chart De95; Colorimetric systems, Page 68/180
colour scales and 8 data tables for 16 hues $r00j$ to $b75r$

```
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor
```

See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSp=1

BAM registration: 20080701-De95/10L/L95E00NP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

data for any colour:

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

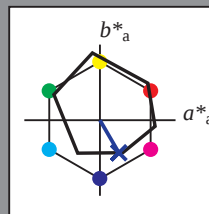
elementary hue text:

$$u^* = b25r$$

contrast reduction factor:

$$c_D = 0.97$$

R
triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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*_M: 29 25 -42

LAD	LAD	Ma.	25	25	42
LAD*LCU*			20	50	200

LAB*LCH*Ma: 29 50 3

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

*lab*olv**Ma: 0.0 0.09 1.0

triangle lightness t^*

triangle lightness t

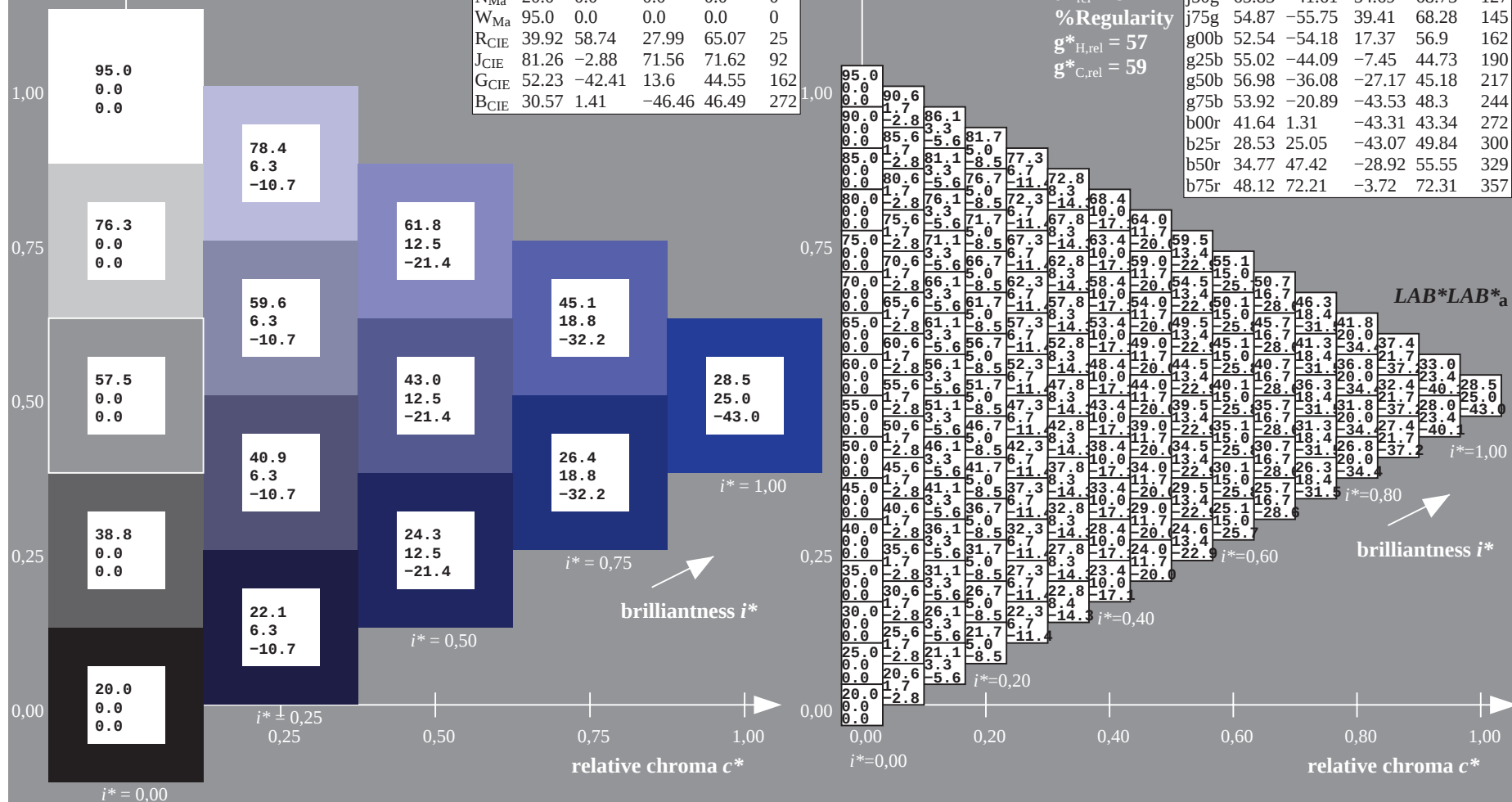
%Gamut

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

%Regularity

$$g^*_{H,rel} = 57$$
$$g^*_{C,rel} = 59$$

ORS20_95aM; adapted (a) CIELAB data						
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	48.0	66.28	31.58	73.42	25	
r25j	51.32	57.52	52.13	77.63	42	
r50j	62.67	37.9	62.82	73.37	59	
r75j	73.73	18.8	73.24	75.61	76	
j00g	86.61	-3.44	85.36	85.43	92	
j25g	78.07	-25.81	71.76	76.26	110	
j50g	65.83	-41.61	54.69	68.73	127	
j75g	54.87	-55.75	39.41	68.28	145	
g00b	52.54	-54.18	17.37	56.9	162	
g25b	55.02	-44.09	-7.45	44.73	190	
g50b	56.98	-36.08	-27.17	45.18	217	
g75b	53.92	-20.89	-43.53	48.3	244	
b00r	41.64	1.31	-43.31	43.34	272	
b25r	28.53	25.05	-43.07	49.84	300	
b50r	34.77	47.42	-28.92	55.55	329	
b75r	48.12	72.21	-3.72	72.31	357	



BAM-test chart De95; Colorimetric systems, Page 69/180
colour scales and 8 data tables for 16 hues $r00j$ to $b75r$

```
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor
```

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

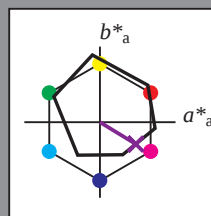
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 47 -28

$LAB^*LCH^*_Ma$: 35 56 329

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

$lab^*olv^*_Ma$: 0.4 0.0 1.0

triangle lightness t^*

%Gamut

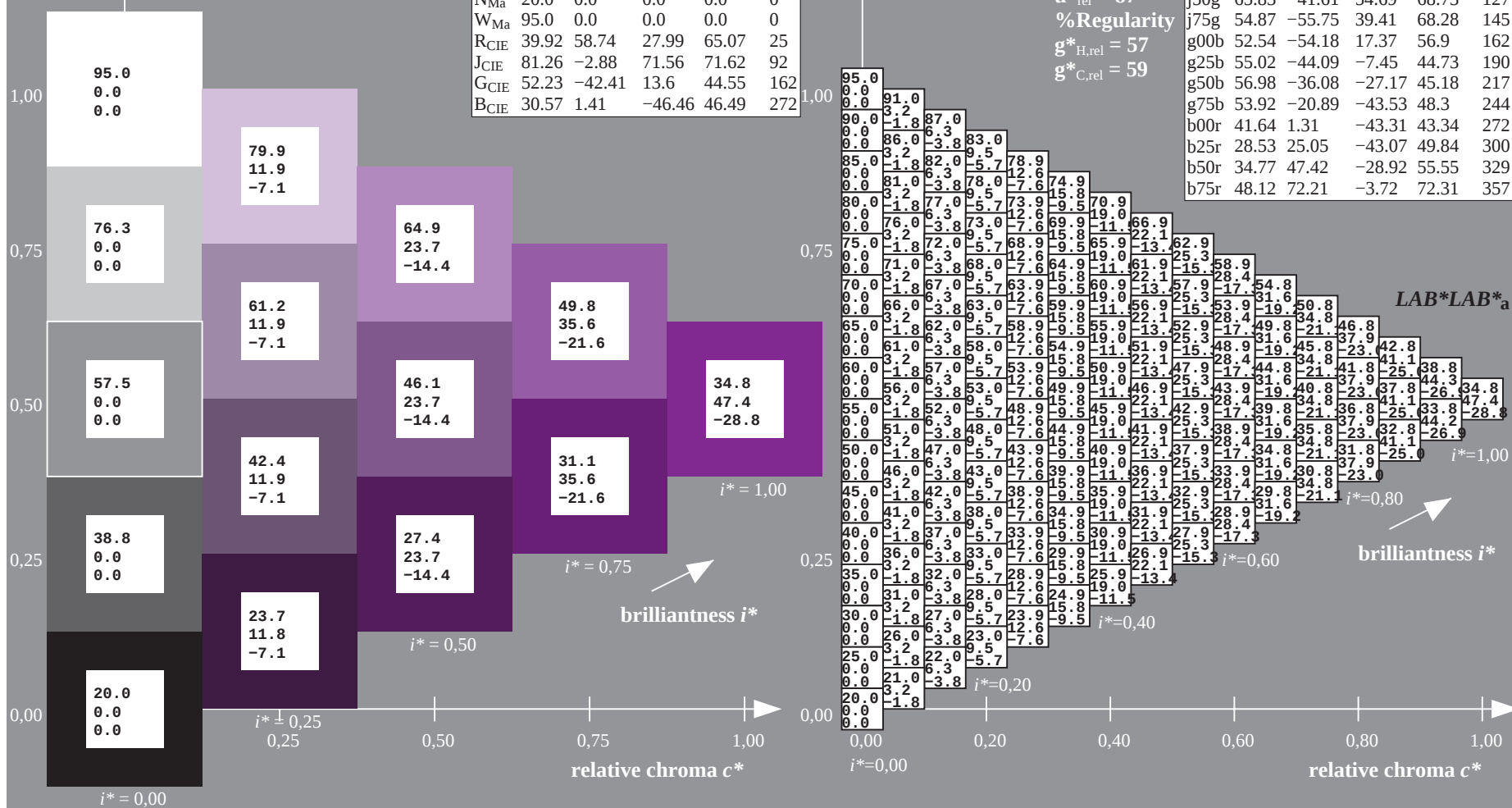
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

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

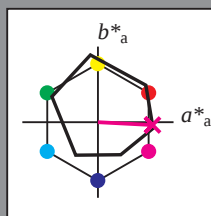
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 72 -3

$LAB^*LCH^*_{Ma}$: 48 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

triangle lightness t^*

%Gamut

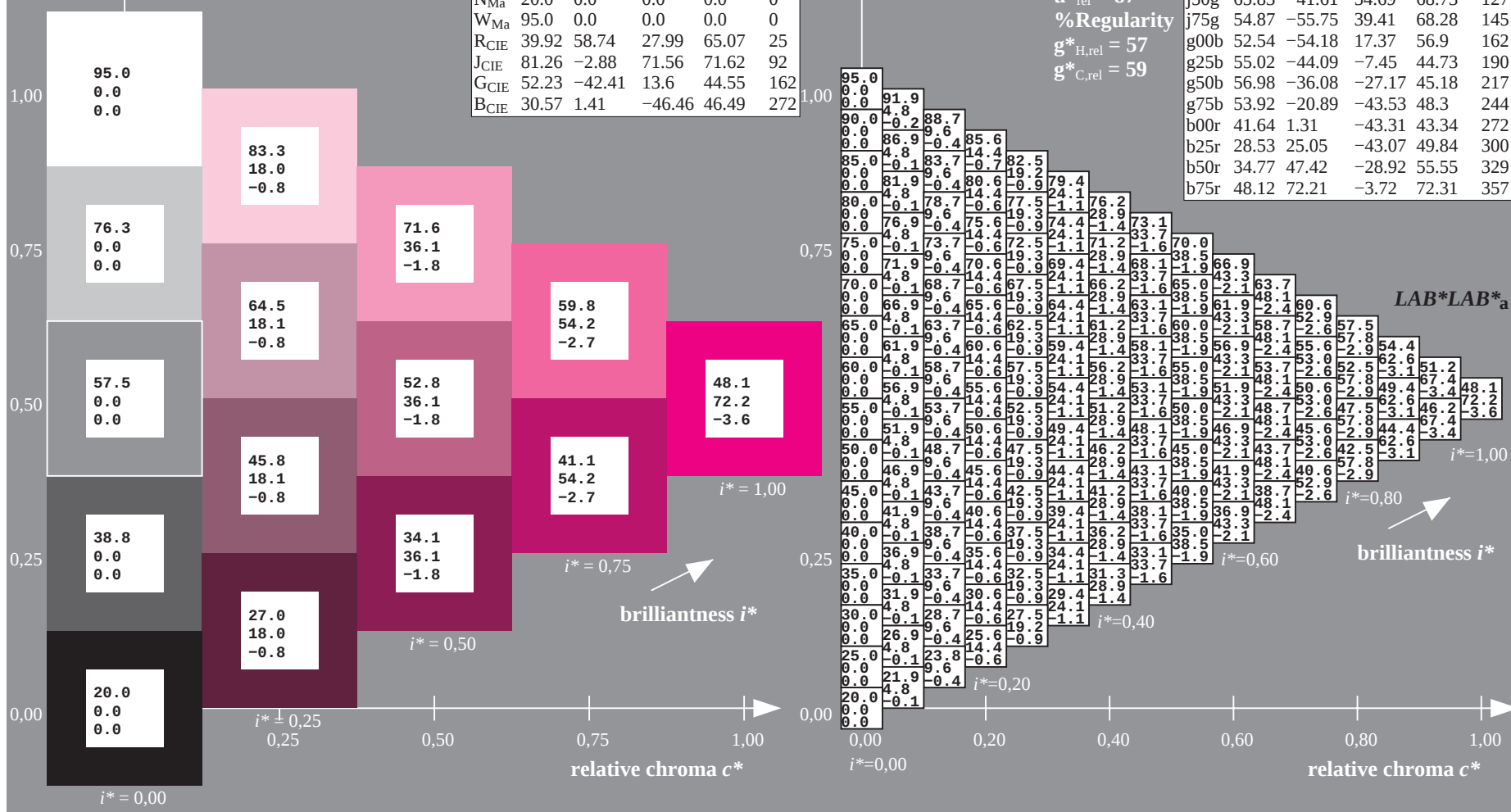
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



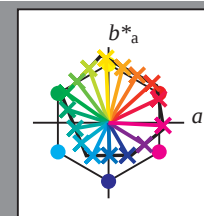
See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De95/10L/L95E00NP.PS/.PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=1

	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	20.0	23.9	27.7	31.6	35.5	39.3	43.2	47.0	50.9	54.8	58.7	62.5	66.4	70.2	74.1	77.9	81.8	85.7	89.6	93.5	97.4	101.3	105.2	109.1	113.0	116.9	120.8	124.7	128.6	132.5	136.4	140.3	144.2	148.1	152.0	155.9	159.8	163.7	167.6	171.5	175.4	179.3	183.2	187.1	191.0	194.9	198.8	202.7	206.6	210.5	214.4	218.3	222.2	226.1	230.0	233.9	237.8	241.7	245.6	249.5	253.4	257.3	261.2	265.1	269.0	272.9	276.8	280.7	284.6	288.5	292.4	296.3	300.2	304.1	308.0	311.9	315.8	319.7	323.6	327.5	331.4	335.3	339.2	343.1	347.0	350.9	354.8	358.7	362.6	366.5	370.4	374.3	378.2	382.1	386.0	389.9	393.8	397.7	401.6	405.5	409.4	413.3	417.2	421.1	425.0	428.9	432.8	436.7	440.6	444.5	448.4	452.3	456.2	460.1	464.0	467.9	471.8	475.7	479.6	483.5	487.4	491.3	495.2	499.1	503.0	506.9	510.8	514.7	518.6	522.5	526.4	530.3	534.2	538.1	542.0	545.9	549.8	553.7	557.6	561.5	565.4	569.3	573.2	577.1	581.0	584.9	588.8	592.7	596.6	600.5	604.4	608.3	612.2	616.1	620.0	623.9	627.8	631.7	635.6	639.5	643.4	647.3	651.2	655.1	659.0	662.9	666.8	670.7	674.6	678.5	682.4	686.3	690.2	694.1	698.0	701.9	705.8	709.7	713.6	717.5	721.4	725.3	729.2	733.1	737.0	740.9	744.8	748.7	752.6	756.5	760.4	764.3	768.2	772.1	776.0	779.9	783.8	787.7	791.6	795.5	799.4	803.3	807.2	811.1	815.0	818.9	822.8	826.7	830.6	834.5	838.4	842.3	846.2	850.1	854.0	857.9	861.8	865.7	869.6	873.5	877.4	881.3	885.2	889.1	893.0	896.9	900.8	904.7	908.6	912.5	916.4	920.3	924.2	928.1	932.0	935.9	939.8	943.7	947.6	951.5	955.4	959.3	963.2	967.1	971.0	974.9	978.8	982.7	986.6	990.5	994.4	998.3	1002.2	1006.1	1010.0	1013.9	1017.8	1021.7	1025.6	1029.5	1033.4	1037.3	1041.2	1045.1	1049.0	1052.9	1056.8	1060.7	1064.6	1068.5	1072.4	1076.3	1080.2	1084.1	1088.0	1091.9	1095.8	1099.7	1103.6	1107.5	1111.4	1115.3	1119.2	1123.1	1127.0	1130.9	1134.8	1138.7	1142.6	1146.5	1150.4	1154.3	1158.2	1162.1	1166.0	1169.9	1173.8	1177.7	1181.6	1185.5	1189.4	1193.3	1197.2	1201.1	1205.0	1208.9	1212.8	1216.7	1220.6	1224.5	1228.4	1232.3	1236.2	1240.1	1244.0	1247.9	1251.8	1255.7	1259.6	1263.5	1267.4	1271.3	1275.2	1279.1	1283.0	1286.9	1290.8	1294.7	1298.6	1302.5	1306.4	1310.3	1314.2	1318.1	1322.0	1325.9	1329.8	1333.7	1337.6	1341.5	1345.4	1349.3	1353.2	1357.1	1361.0	1364.9	1368.8	1372.7	1376.6	1380.5	1384.4	1388.3	1392.2	1396.1	1400.0	1403.9	1407.8	1411.7	1415.6	1419.5	1423.4	1427.3	1431.2	1435.1	1439.0	1442.9	1446.8	1450.7	1454.6	1458.5	1462.4	1466.3	1470.2	1474.1	1478.0	1481.9	1485.8	1489.7	1493.6	1497.5	1501.4	1505.3	1509.2	1513.1	1517.0	1520.9	1524.8	1528.7	1532.6	1536.5	1540.4	1544.3	1548.2	1552.1	1556.0	1559.9	1563.8	1567.7	1571.6	1575.5	1579.4	1583.3	1587.2	1591.1	1595.0	1598.9	1602.8	1606.7	1610.6	1614.5	1618.4	1622.3	1626.2	1630.1	1634.0	1637.9	1641.8	1645.7	1649.6	1653.5	1657.4	1661.3	1665.2	1669.1	1673.0	1676.9	1680.8	1684.7	1688.6	1692.5	1696.4	1700.3	1704.2	1708.1	1712.0	1715.9	1719.8	1723.7	1727.6	1731.5	1735.4	1739.3	1743.2	1747.1	1751.0	1754.9	1758.8	1762.7	1766.6	1770.5	1774.4	1778.3	1782.2	1786.1	1790.0	1793.9	1797.8	1801.7	1805.6	1809.5	1813.4	1817.3	1821.2	1825.1	1829.0	1832.9	1836.8	1840.7	1844.6	1848.5	1852.4	1856.3	1860.2	1864.1	1868.0	1871.9	1875.8	1879.7	1883.6	1887.5	1891.4	1895.3	1899.2	1903.1	1907.0	1910.9	1914.8	1918.7	1922.6	1926.5	1930.4	1934.3	1938.2	1942.1	1946.0	1949.9	1953.8	1957.7	1961.6	1965.5	1969.4	1973.3	1977.2	1981.1	1985.0	1988.9	1992.8	1996.7	2000.6	2004.5	2008.4	2012.3	2016.2	2020.1	2024.0	2027.9	2031.8	2035.7	2039.6	2043.5	2047.4	2051.3	2055.2	2059.1	2063.0	2066.9	2070.8	2074.7	2078.6	2082.5	2086.4	2090.3	2094.2	2098.1	2102.0	2105.9	2109.8	2113.7	2117.6	2121.5	2125.4	2129.3	2133.2	2137.1	2141.0	2144.9	2148.8	2152.7	2156.6	2160.5	2164.4	2168.3	2172.2	2176.1	2180.0	2183.9	2187.8	2191.7	2195.6	2199.5	2203.4	2207.3	2211.2	2215.1	2219.0	2222.9	2226.8	2230.7	2234.6	2238.5	2242.4	2246.3	2250.2	2254.1	2258.0	2261.9	2265.8	2269.7	2273.6	2277.5	2281.4	2285.3	2289.2	2293.1	2297.0	2300.9	2304.8	2308.7	2312.6	2316.5	2320.4	2324.3	2328.2	2332.1	2336.0	2339.9	2343.8	2347.7	2351.6	2355.5	2359.4	2363.3	2367.2	2371.1	2375.0	2378.9	2382.8	2386.7	2390.6	2394.5	2398.4	2402.3	2406.2	2410.1	2414.0	2417.9	2421.8	2425.7	2429.6	2433.5	2437.4	2441.3	2445.2	2449.1	2453.0	2456.9	2460.8	2464.7	2468.6	2472.5	2476.4	2480.3	2484.2	2488.1	2492.0	2495.9	2499.8	2503.7	2507.6	2511.5	2515.4	2519.3	2523.2	2527.1	2531.0	2534.9	2538.8	2542.7	2546.6	2550.5	2554.4	2558.3	2562.2	2566.1	2570.0	2573.9	2577.8	2581.7	2585.6	2589.5	2593.4	2597.3	2601.2	2605.1	2609.0	2612.9	2616.8	2620.7	2624.6	2628.5	2632.4	2636.3	2640.2	2644.1	2648.0	2651.9	2655.8	2659.7	2663.6	2667.5	2671.4	2675.3	2679.2	2683.1	2687.0	2690.9	2694.8	2698.7	2702.6	2706.5	2710.4	2714.3	2718.2	2722.1	2726.0	2729.9	2733.8	2737.7	2741.6	2745.5	2749.4	2753.3	2757.2	2761.1	2765.0	2768.9	2772.8	2776.7	2780.6	2784.5	2788.4	2792.3	2796.2	2800.1	2804.0	2807.9	2811.8	2815.7	2819.6	2823.5	2827.4	2831.3	2835.2	2839.1	2843.0	2846.9	2850.8	2854.7	2858.6	2862.5	2866.4	2870.3	2874.2	2878.1	2882.0	2885.9	2889.8	2893.7	2897.6	2901.5	2905.4	2909.3	2913.2	2917.1	2921.0	2924.9	2928.8	2932.7	2936.6	2940.5	2944.4	2948.3	2952.2	2956.1	2960.0	2963.9	2967.8	2971.7	2975.6	2979.5	2983.4	2987.3	2991.2	2995.1	2999.0	3002.9	3006.8	3010.7	3014.6	3018.5	3022.4	3026.3	3030.2	3034.1	3038.0	3041.9	3045.8	3049.7	3053.6	3057.5	3061.4	3065.3	3069.2	3073.1	3077.0	3080.9	3084.8	3088.7	3092.6	3096.5	3100.4	3104.3	3108.2	3112.1	3116.0	3119.9	3123.8	3127.7	3131.6	3135.5	3139.4	3143.3	3147.2	3151.1	3155.0	3158.9	3162.8	3166.7	3170.6	3174.5	3178.4	3182.3	3186.2	3190.1	3194.0	3197.9	3201.8	3205.7	3209.6	3213.5	3217.4	3221.3	3225.2	3229.1	3233.0	3236.9	3240.8	3244.7	3248.6	3252.5	3256.4	3260.3	3264.2	3268.1	3272.0	3275.9	3279.8	3283.7	3287.6	3291.5	3295.4	3299.3	3303.2	3307.1	3311.0	3314.9	3318.8	3322.7	3326.6	3330.5	3334.4	3338.3	3342.2	3346.1	3350.0	3353.9	3357.8	3361.7	3365.6	3369.5	3373.4	3377.3	3381.2	3385.1	3389.0	3392.9	3396.8	3400.7	3404.6	3408.5	3412.4	3416.3	3420.2	3424.1	3428.0	3431.9	3435.8	3439.7	3443.6	3447.5	3451.4	3455.3	3459.2	3463.1	3467.0	3470.9	3474.8	3478.7	3482.6	3486.5	3490.4	3494.3	3498.2	3502.1	3506.0	3509.9	3513.8	3517.7	3521.6	3525.5	3529.4	3533.3	3537.2	3541.1	3545.0	3548.9	3552.8	3556.7	3560.6	3564.5	3568.4	3572.3	3576.2	3580.1	3584.0	3587.9	3591.8	3595.7	3599.6	3603.5	3607.4	3611.3	3615.2

Input and output:
Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

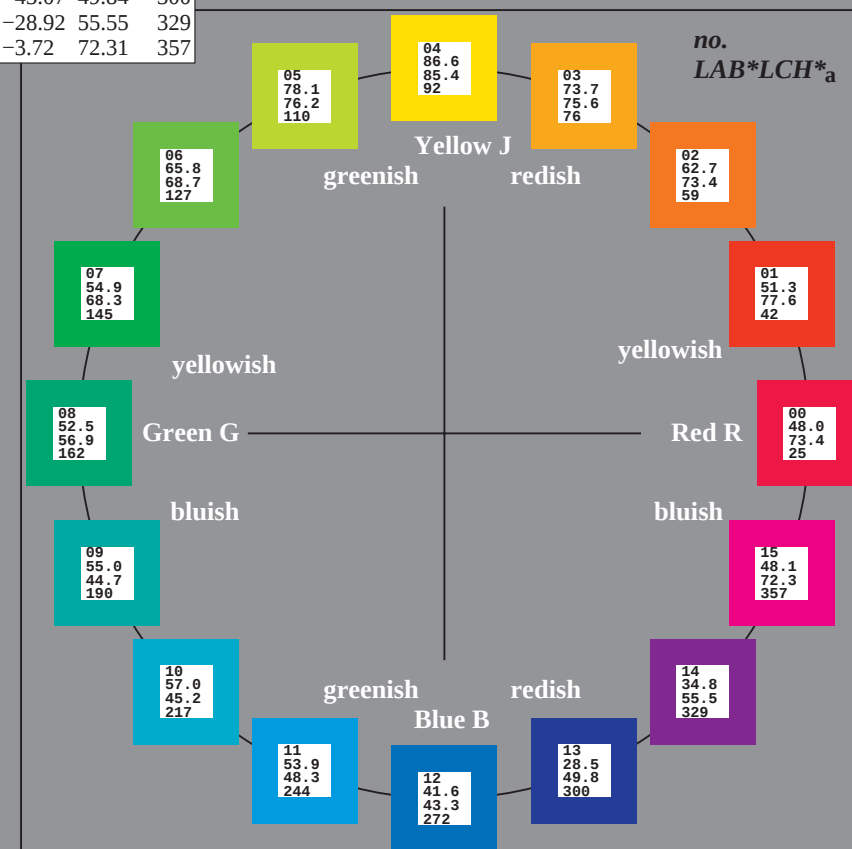
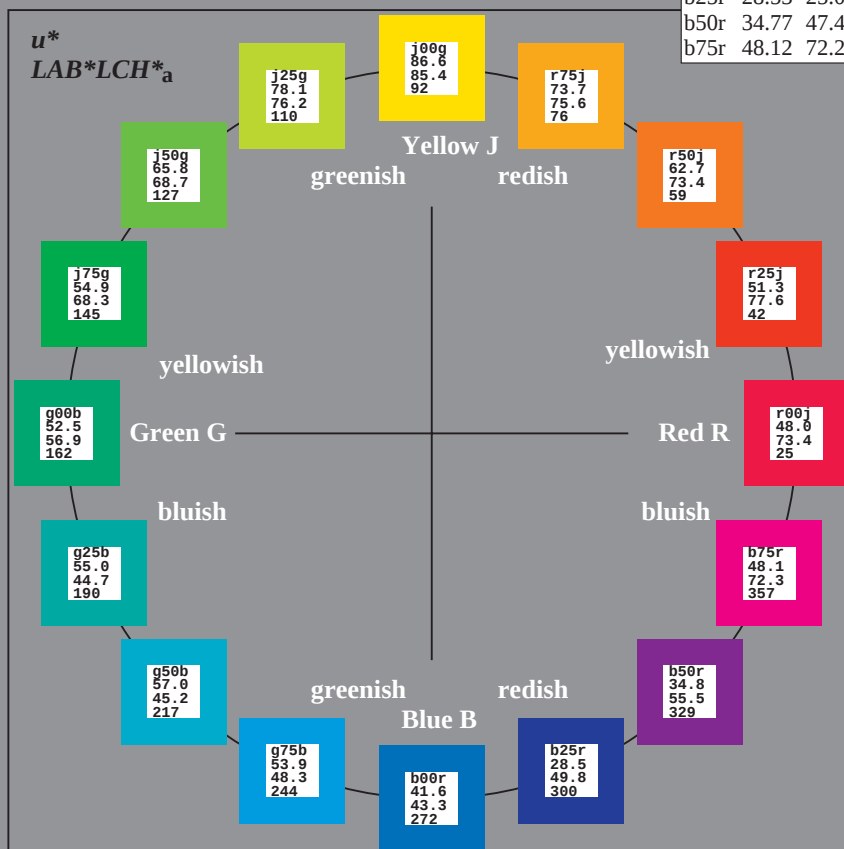
*lab**rch** and lab**icu***
elementary hue text:
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*
contrast reduction factor:
 $c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



%Gamut
 $u^*_{rel} = 87$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	63.36	48.95	80.07	38
YMa	90.37	-9.94	88.91	89.46	96
LMa	50.9	-60.88	33.87	69.68	151
CMa	58.62	-29.4	-43.62	52.61	236
VMa	25.72	30.13	-43.02	52.54	305
MMa	48.13	72.95	-8.1	73.39	354
NMa	20.0	0.0	0.0	0.0	0
WMa	95.0	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

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

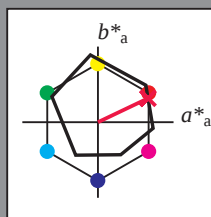
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 66 32

$LAB^*LCH^*_{Ma}$: 48 73 25

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

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

triangle lightness t^*

%Gamut

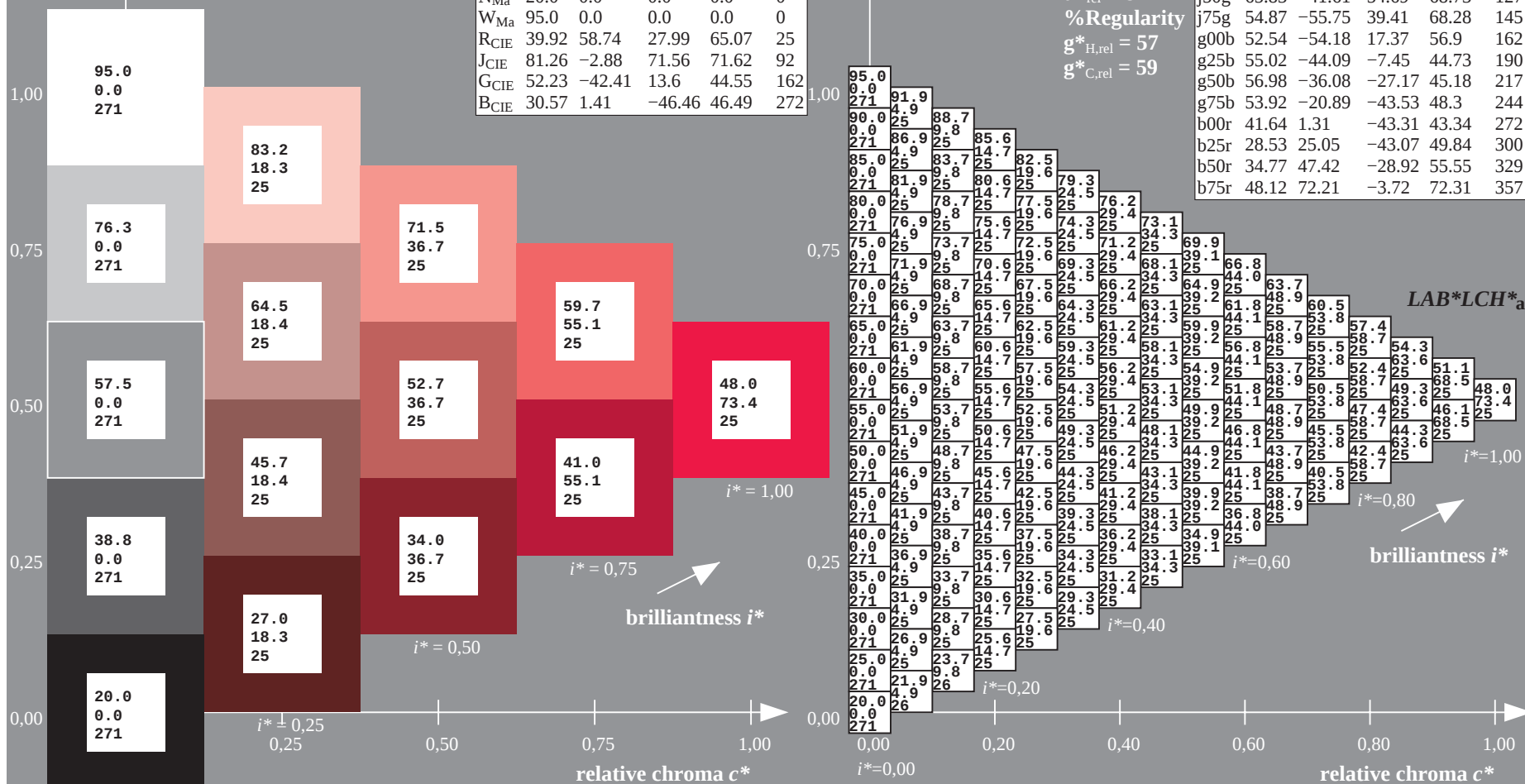
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

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

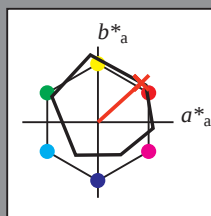
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 58 52

$LAB^*LCH^*_{Ma}$: 51 78 42

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

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

triangle lightness t^*

%Gamut

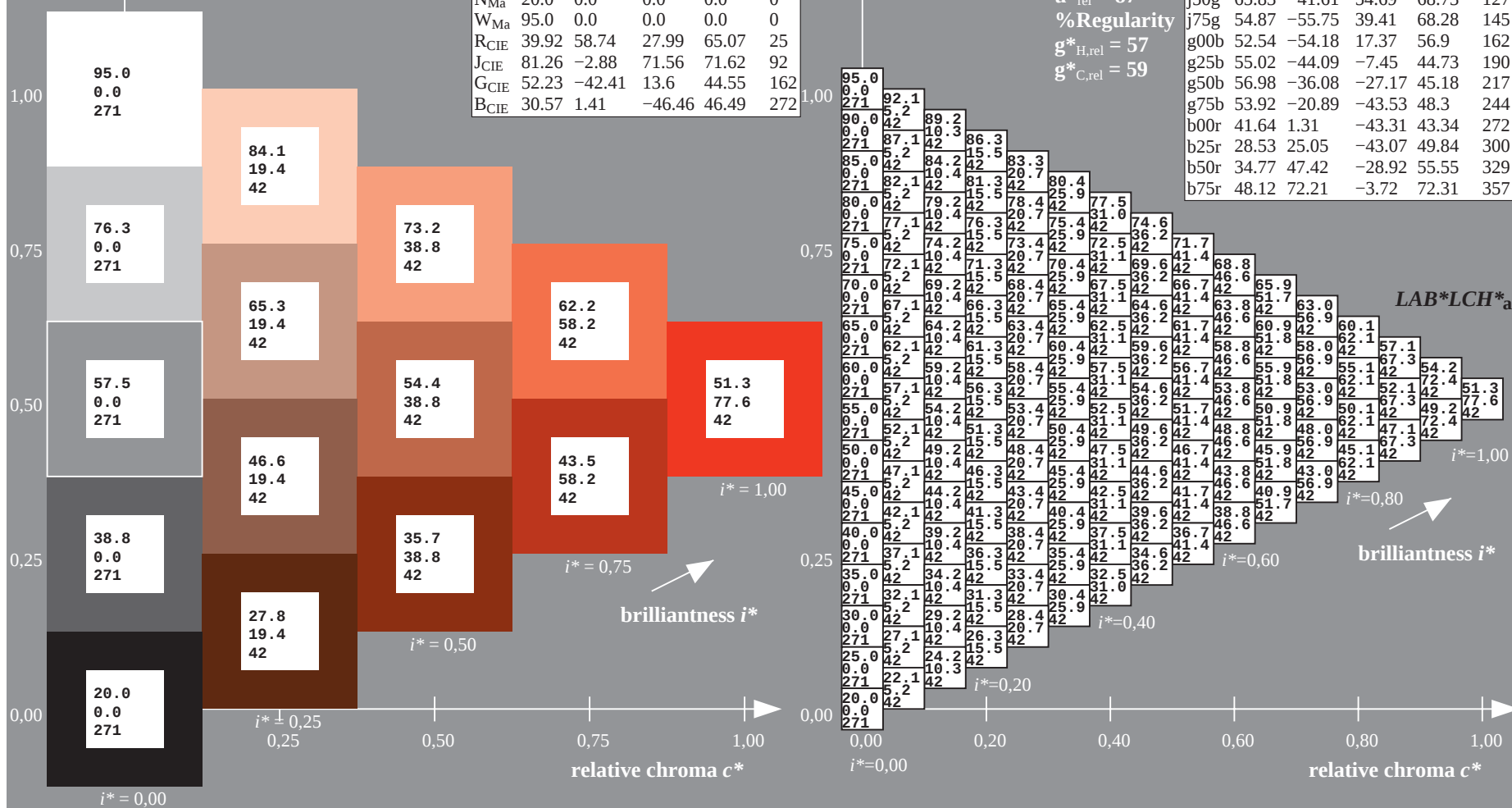
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

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

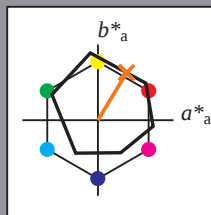
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 63 38 63

$LAB^*LCH^*_{Ma}$: 63 73 59

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

$lab^*olv^*_{Ma}$: 1.0 0.35 0.0

triangle lightness t^*

%Gamut

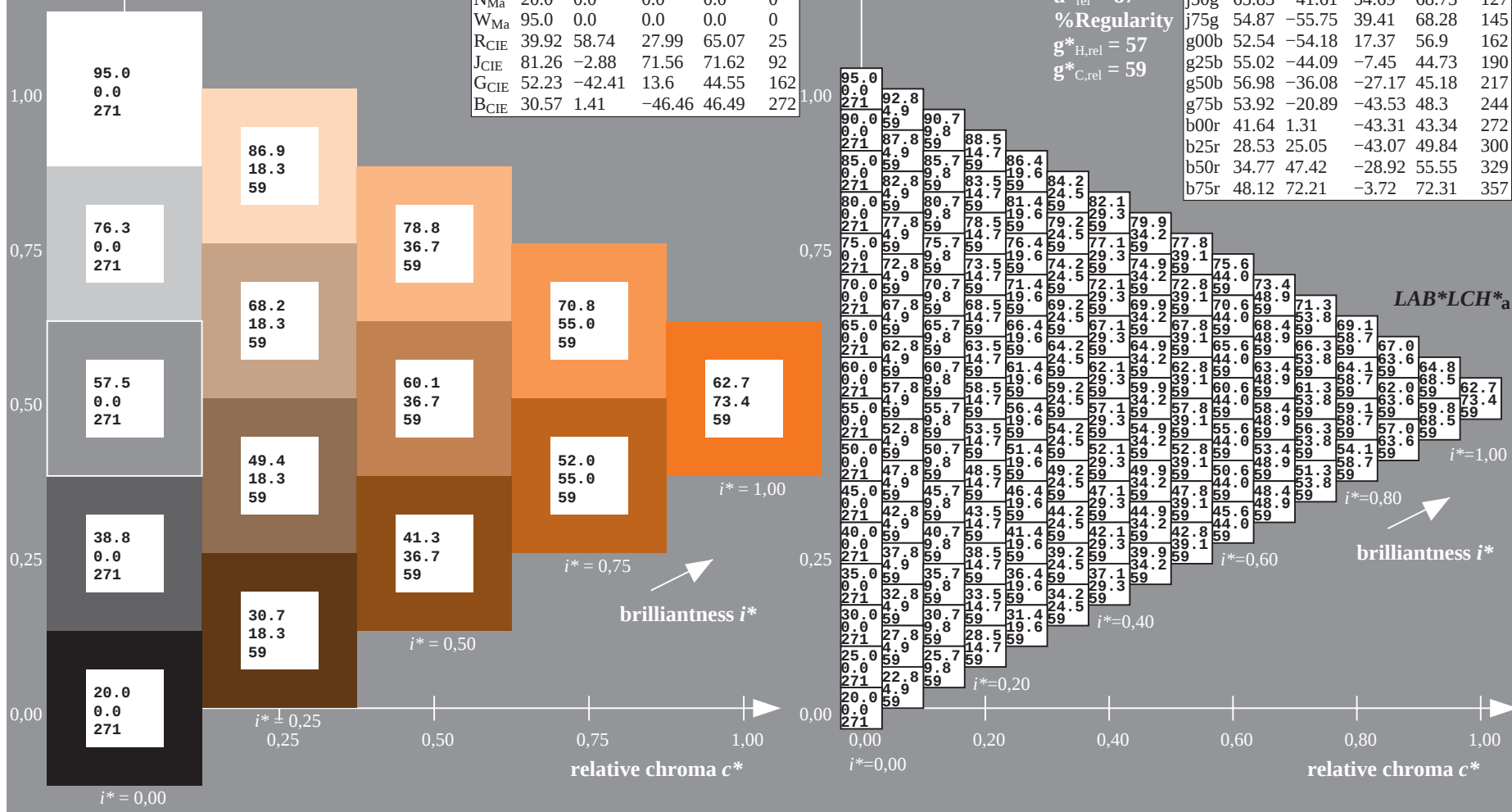
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

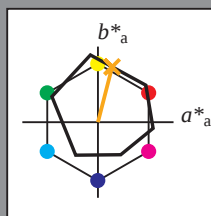
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB \cdot LAB \cdot Ma$: 74 19 73

$LAB \cdot LCH \cdot Ma$: 74 76 76

$lab \cdot rgb \cdot Ma$: 1.0 0.75 0.0

$lab \cdot olv \cdot Ma$: 1.0 0.61 0.0

triangle lightness t^*

%Gamut

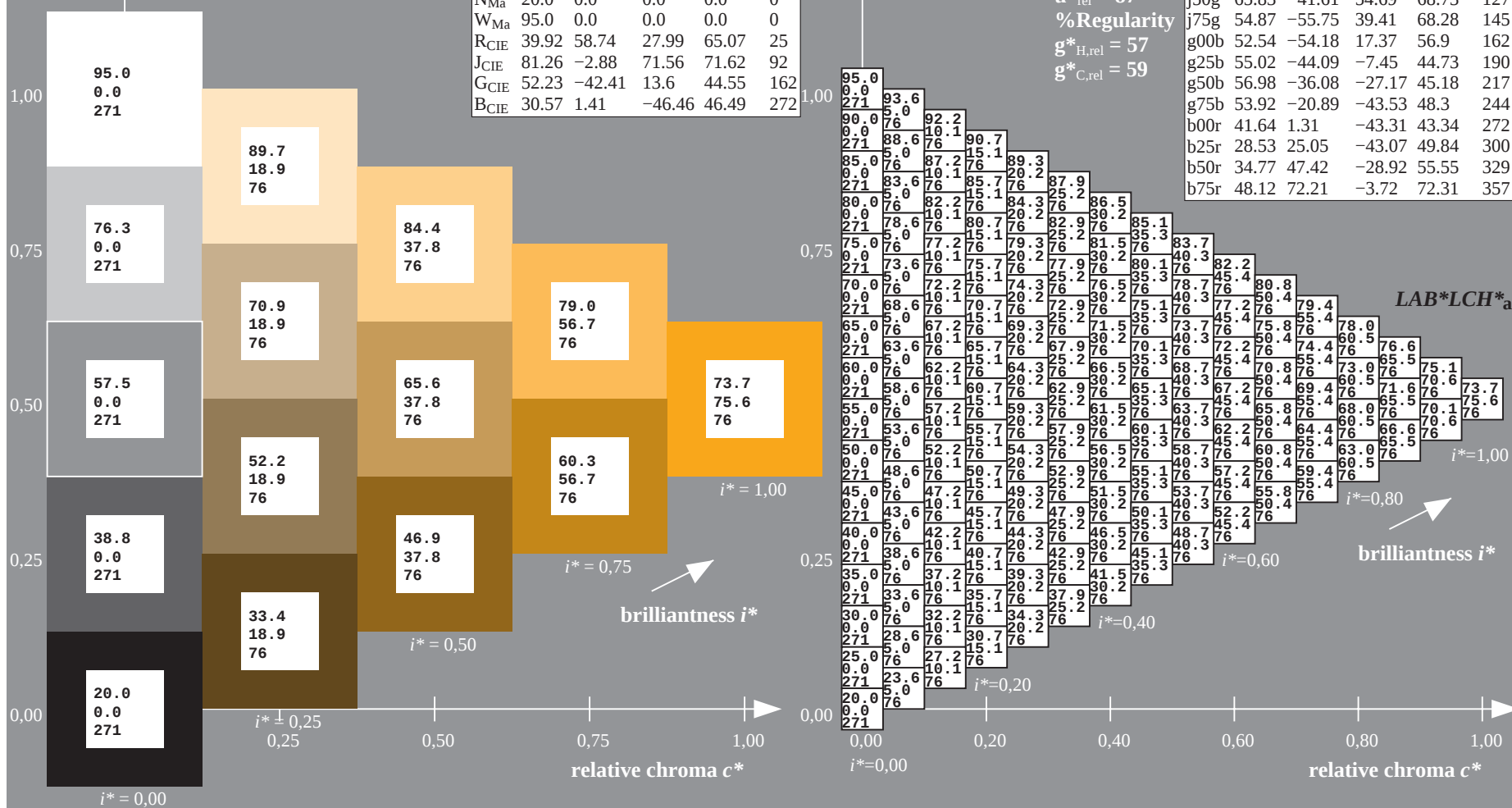
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSp=1

BAM registration: 20080701-De95101/L195E00NP.PS/.PDF BAM material: code=rha4ta
+ application for evaluation and measurement of printer or monitor systems

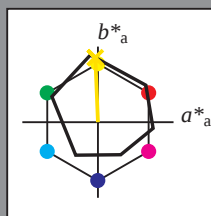
Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 92/360 = 0.256$ data for any colour: Data for maximum colour (Ma):

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

elementary hue text:

$$u^* = j00g$$

contrast reduction factor:

$$c_B = 0.97$$
triangle lightness t^* 

ORS20_95aM; adapted (a) CIELAB data						
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma}	47.94	63.36	48.95	80.07	38	
Y _{Ma}	90.37	-9.94	88.91	89.46	96	
L _{Ma}	50.9	-60.88	33.87	69.68	151	
C _{Ma}	58.62	-29.4	-43.62	52.61	236	
V _{Ma}	25.72	30.13	-43.02	52.54	305	
M _{Ma}	48.13	72.95	-8.1	73.39	354	
N _{Ma}	20.0	0.0	0.0	0.0	0	
W _{Ma}	95.0	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}: 87 -2 85

*LAB*LCH**M₃: 87 85 92

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

*lab*oly**M₂: 1.0 0.91 0.0

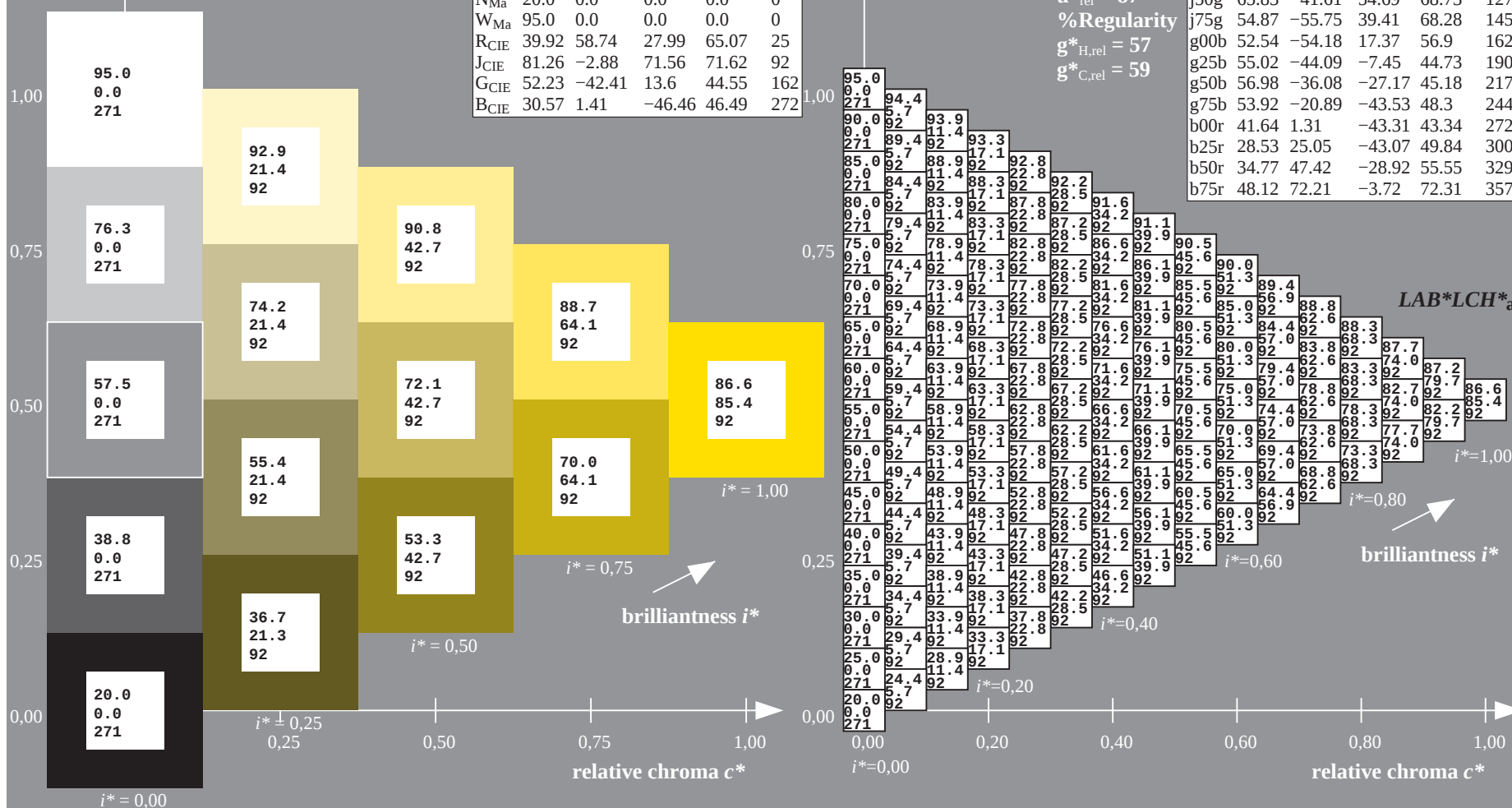
triangle lightness t^*

Figure 1

%Gamut

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

%Regula

$$g_{H,rel}^* = 5\%$$


BAM-test chart De95; Colorimetric systems, Page 78/180
colour scales and 8 data tables for 16 hues $r00j$ to $b75r$

```
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor
```

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

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

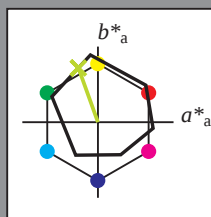
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 78 -25 72

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

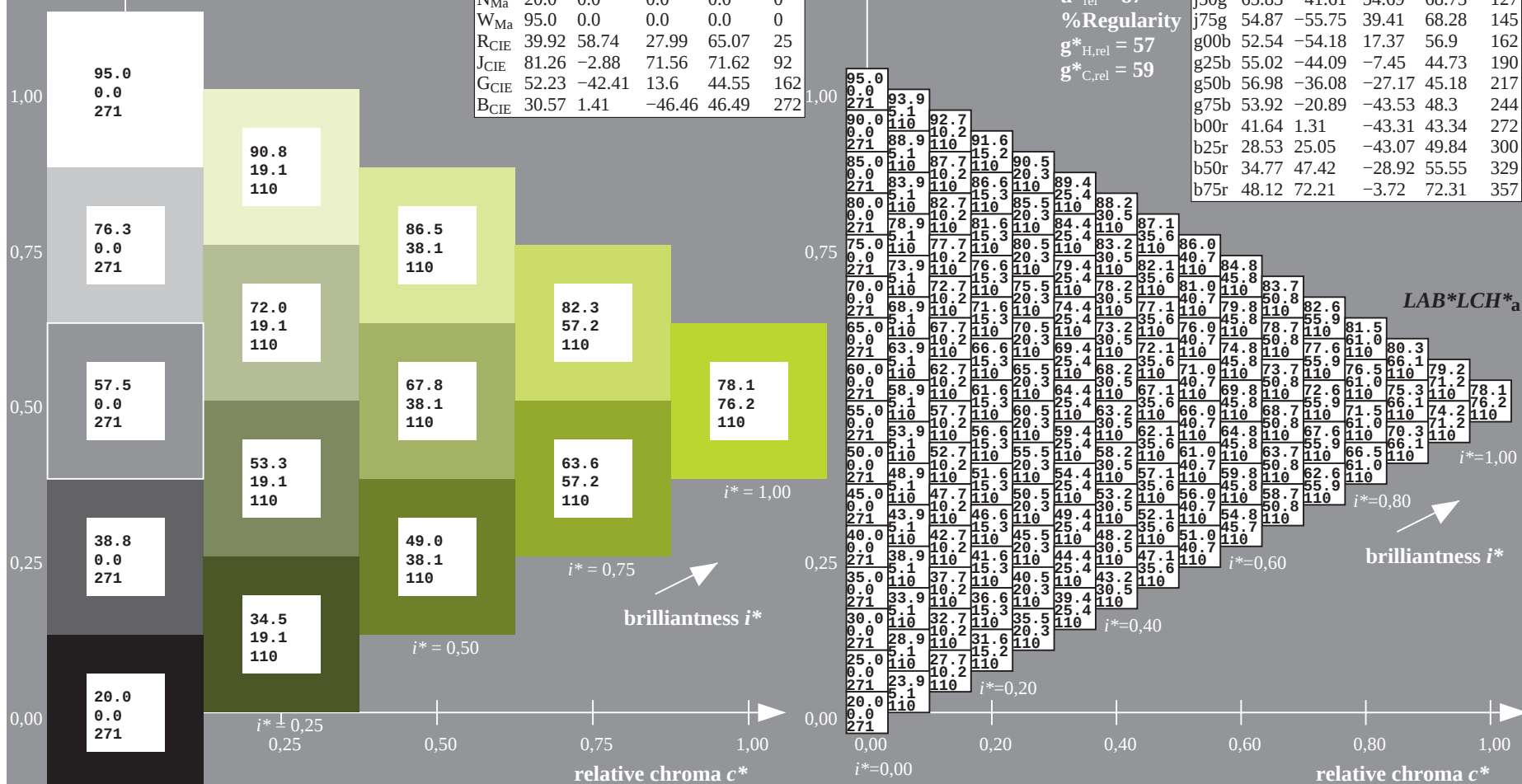
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

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

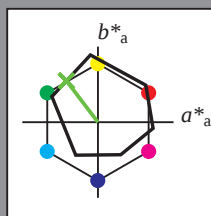
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 66 -41 55

$LAB^*LCH^*_{Ma}$: 66 69 127

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

$lab^*olv^*_{Ma}$: 0.38 1.0 0.0

triangle lightness t^*

%Gamut

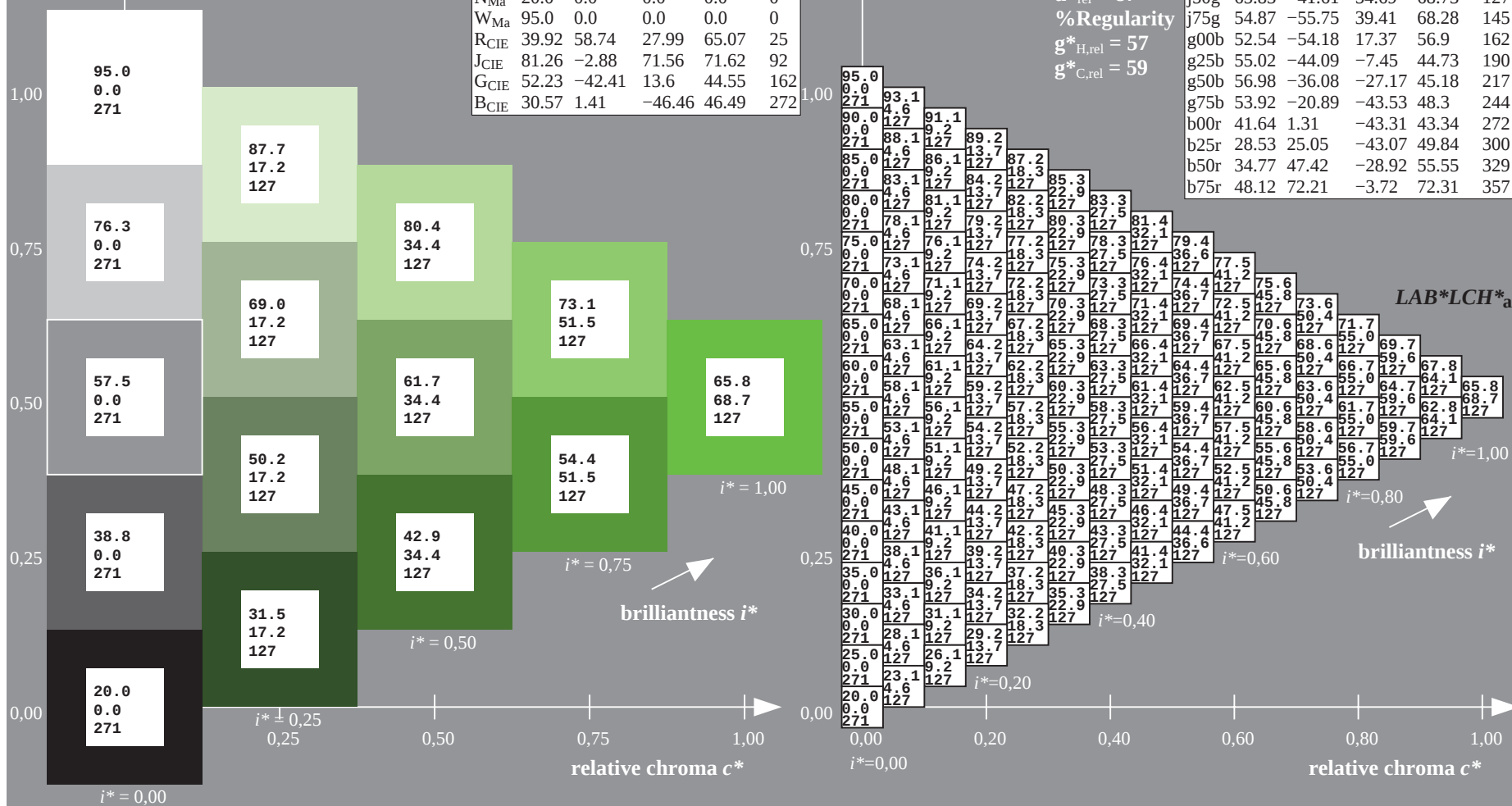
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-45.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

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

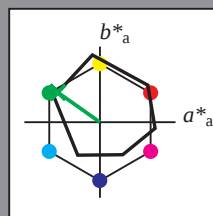
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 55 68 145

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

$lab^*olv^*_{Ma}$: 0.1 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

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

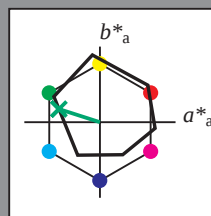
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 53 -53 17

$LAB^*LCH^*_{Ma}$: 53 57 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.21

triangle lightness t^*

%Gamut

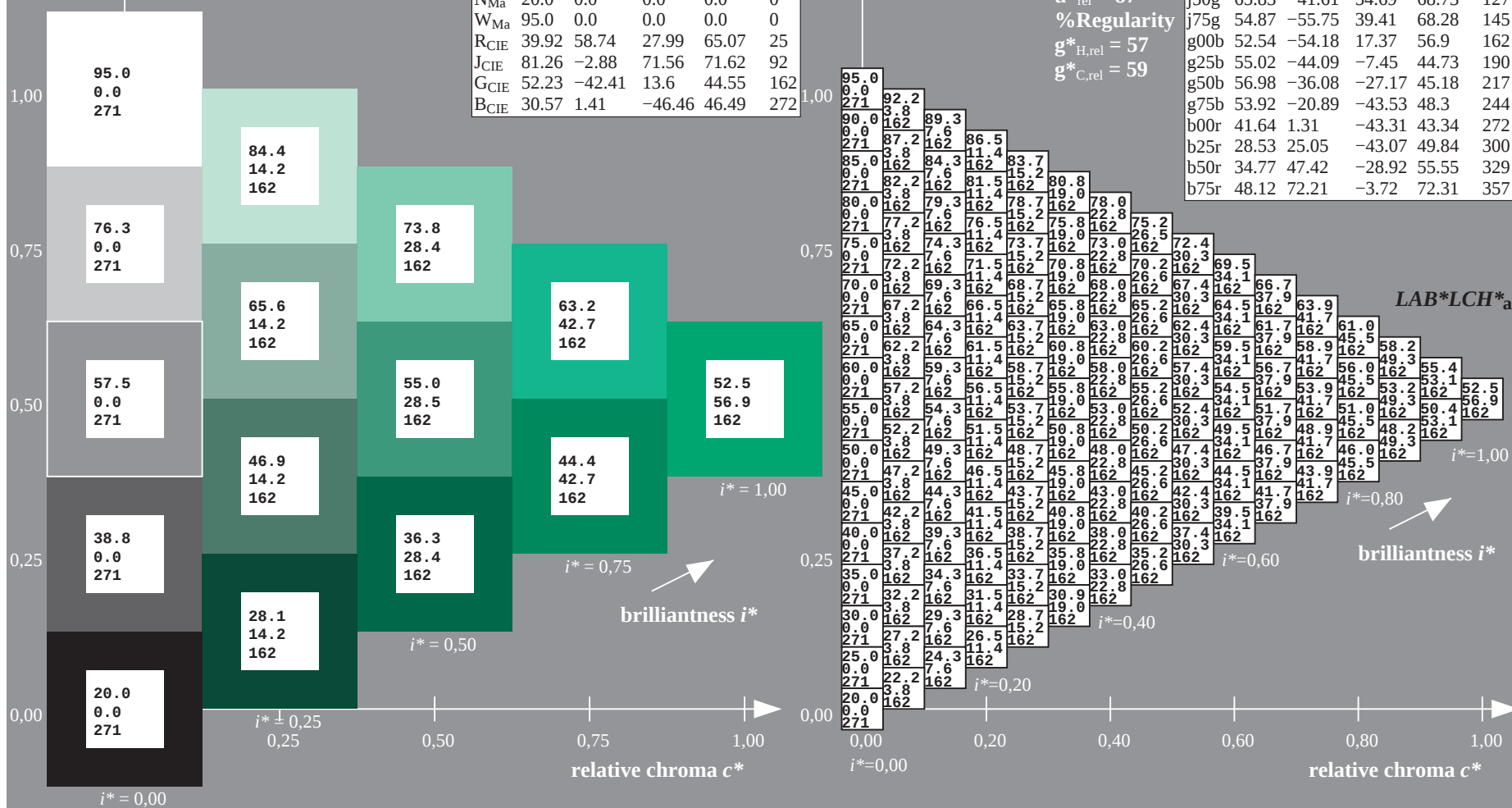
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

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

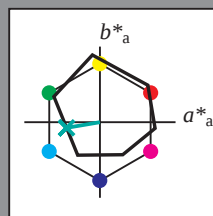
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 55 -43 -6

$LAB^*LCH^*_{Ma}$: 55 45 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.53

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

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

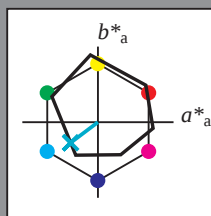
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 57 -35 -26

$LAB^*LCH^*_{Ma}$: 57 45 217

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

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

$i^*=1.00$

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

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

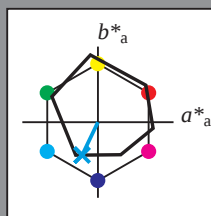
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 -20 -43

$LAB^*LCH^*_{Ma}$: 54 48 244

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

$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

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

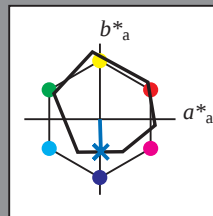
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 42 43 272

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

$lab^*olv^*_{Ma}$: 0.0 0.48 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

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

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

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

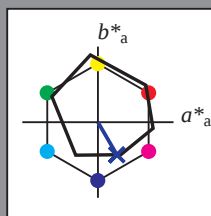
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 29 25 -42

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

triangle lightness t^*

%Gamut

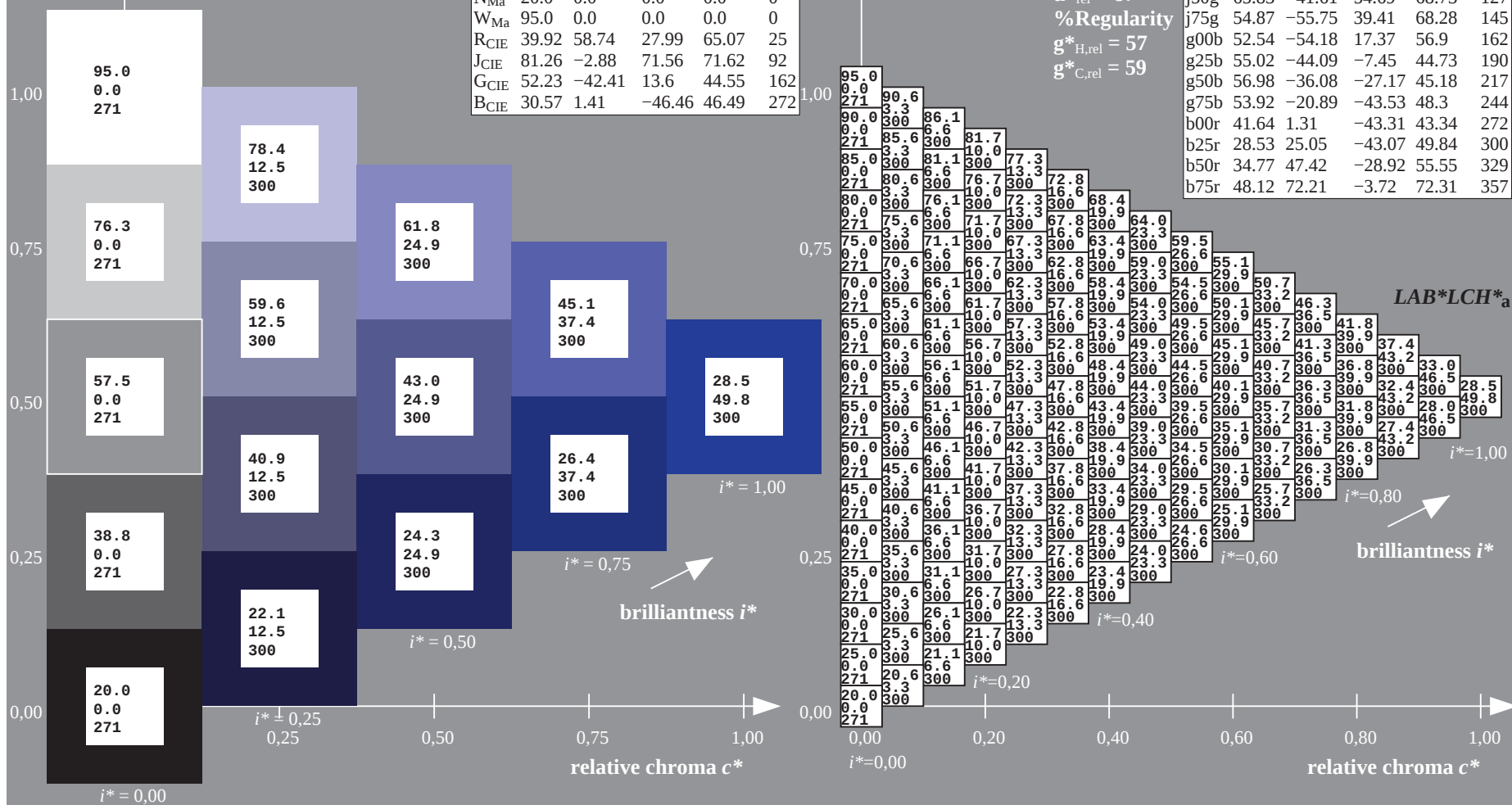
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

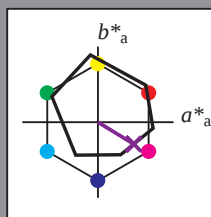
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 47 -28

$LAB^*LCH^*_{Ma}$: 35 56 329

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

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

triangle lightness t^*

%Gamut

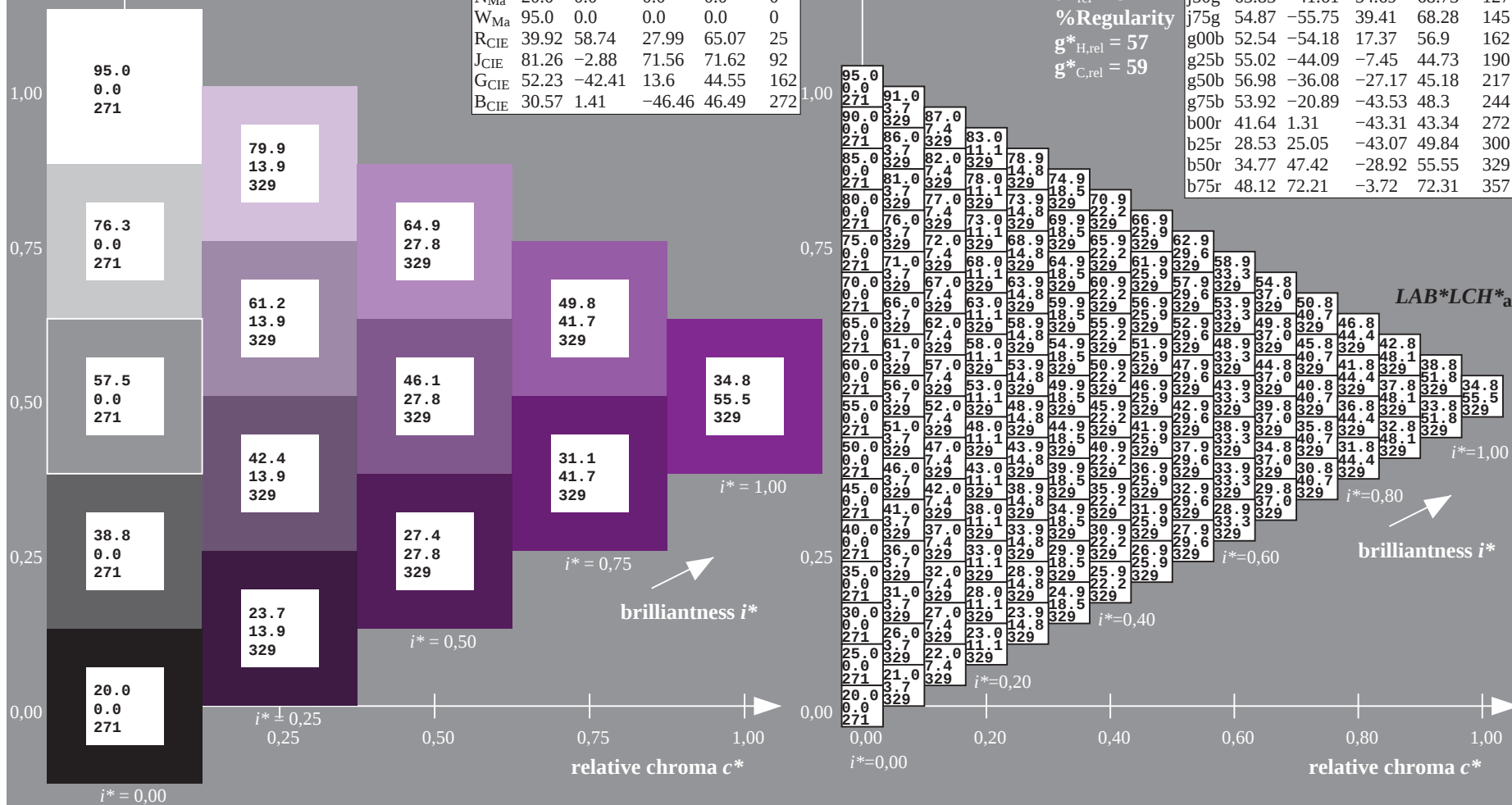
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

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

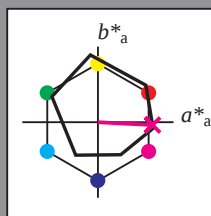
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 72 -3

$LAB^*LCH^*_{Ma}$: 48 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-45.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

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

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

	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	28.0	23.9	27.7	31.6	35.5	39.3	43.2	47.0	50.9	54.8	58.7	62.5	66.4	70.3	74.2	78.1	82.0	85.9	89.8	93.7	97.6	101.5	105.4	109.3	113.2	117.1	121.0	124.9	128.8	132.7	136.6	140.5	144.4	148.3	152.2	156.1	160.0	163.9	167.8	171.7	175.6	179.5	183.4	187.3	191.2	195.1	199.0	202.9	206.8	210.7	214.6	218.5	222.4	226.3	230.2	234.1	238.0	241.9	245.8	249.7	253.6	257.5	261.4	265.3	269.2	273.1	277.0	280.9	284.8	288.7	292.6	296.5	300.4	304.3	308.2	312.1	316.0	319.9	323.8	327.7	331.6	335.5	339.4	343.3	347.2	351.1	355.0	358.9	362.8	366.7	370.6	374.5	378.4	382.3	386.2	390.1	394.0	397.9	401.8	405.7	409.6	413.5	417.4	421.3	425.2	429.1	433.0	436.9	440.8	444.7	448.6	452.5	456.4	460.3	464.2	468.1	472.0	475.9	479.8	483.7	487.6	491.5	495.4	499.3	503.2	507.1	511.0	514.9	518.8	522.7	526.6	530.5	534.4	538.3	542.2	546.1	550.0	553.9	557.8	561.7	565.6	569.5	573.4	577.3	581.2	585.1	589.0	592.9	596.8	600.7	604.6	608.5	612.4	616.3	620.2	624.1	628.0	631.9	635.8	639.7	643.6	647.5	651.4	655.3	659.2	663.1	667.0	670.9	674.8	678.7	682.6	686.5	690.4	694.3	698.2	702.1	706.0	709.9	713.8	717.7	721.6	725.5	729.4	733.3	737.2	741.1	745.0	748.9	752.8	756.7	760.6	764.5	768.4	772.3	776.2	780.1	784.0	787.9	791.8	795.7	799.6	803.5	807.4	811.3	815.2	819.1	823.0	826.9	830.8	834.7	838.6	842.5	846.4	850.3	854.2	858.1	862.0	865.9	869.8	873.7	877.6	881.5	885.4	889.3	893.2	897.1	901.0	904.9	908.8	912.7	916.6	920.5	924.4	928.3	932.2	936.1	940.0	943.9	947.8	951.7	955.6	959.5	963.4	967.3	971.2	975.1	979.0	982.9	986.8	990.7	994.6	998.5	1002.4	1006.3	1010.2	1014.1	1018.0	1021.9	1025.8	1029.7	1033.6	1037.5	1041.4	1045.3	1049.2	1053.1	1057.0	1060.9	1064.8	1068.7	1072.6	1076.5	1080.4	1084.3	1088.2	1092.1	1096.0	1100.0	1103.9	1107.8	1111.7	1115.6	1119.5	1123.4	1127.3	1131.2	1135.1	1139.0	1142.9	1146.8	1150.7	1154.6	1158.5	1162.4	1166.3	1170.2	1174.1	1178.0	1181.9	1185.8	1189.7	1193.6	1197.5	1201.4	1205.3	1209.2	1213.1	1217.0	1220.9	1224.8	1228.7	1232.6	1236.5	1240.4	1244.3	1248.2	1252.1	1256.0	1259.9	1263.8	1267.7	1271.6	1275.5	1279.4	1283.3	1287.2	1291.1	1295.0	1298.9	1302.8	1306.7	1310.6	1314.5	1318.4	1322.3	1326.2	1330.1	1334.0	1337.9	1341.8	1345.7	1349.6	1353.5	1357.4	1361.3	1365.2	1369.1	1373.0	1376.9	1380.8	1384.7	1388.6	1392.5	1396.4	1400.3	1404.2	1408.1	1412.0	1415.9	1419.8	1423.7	1427.6	1431.5	1435.4	1439.3	1443.2	1447.1	1451.0	1454.9	1458.8	1462.7	1466.6	1470.5	1474.4	1478.3	1482.2	1486.1	1490.0	1493.9	1497.8	1501.7	1505.6	1509.5	1513.4	1517.3	1521.2	1525.1	1529.0	1532.9	1536.8	1540.7	1544.6	1548.5	1552.4	1556.3	1560.2	1564.1	1568.0	1571.9	1575.8	1579.7	1583.6	1587.5	1591.4	1595.3	1599.2	1603.1	1607.0	1610.9	1614.8	1618.7	1622.6	1626.5	1630.4	1634.3	1638.2	1642.1	1646.0	1649.9	1653.8	1657.7	1661.6	1665.5	1669.4	1673.3	1677.2	1681.1	1685.0	1688.9	1692.8	1696.7	1700.6	1704.5	1708.4	1712.3	1716.2	1720.1	1724.0	1727.9	1731.8	1735.7	1739.6	1743.5	1747.4	1751.3	1755.2	1759.1	1763.0	1766.9	1770.8	1774.7	1778.6	1782.5	1786.4	1790.3	1794.2	1798.1	1802.0	1805.9	1809.8	1813.7	1817.6	1821.5	1825.4	1829.3	1833.2	1837.1	1841.0	1844.9	1848.8	1852.7	1856.6	1860.5	1864.4	1868.3	1872.2	1876.1	1880.0	1883.9	1887.8	1891.7	1895.6	1899.5	1903.4	1907.3	1911.2	1915.1	1919.0	1922.9	1926.8	1930.7	1934.6	1938.5	1942.4	1946.3	1950.2	1954.1	1958.0	1961.9	1965.8	1969.7	1973.6	1977.5	1981.4	1985.3	1989.2	1993.1	1997.0	2000.9	2004.8	2008.7	2012.6	2016.5	2020.4	2024.3	2028.2	2032.1	2036.0	2039.9	2043.8	2047.7	2051.6	2055.5	2059.4	2063.3	2067.2	2071.1	2075.0	2078.9	2082.8	2086.7	2090.6	2094.5	2098.4	2102.3	2106.2	2110.1	2114.0	2117.9	2121.8	2125.7	2129.6	2133.5	2137.4	2141.3	2145.2	2149.1	2153.0	2156.9	2160.8	2164.7	2168.6	2172.5	2176.4	2180.3	2184.2	2188.1	2192.0	2195.9	2199.8	2203.7	2207.6	2211.5	2215.4	2219.3	2223.2	2227.1	2231.0	2234.9	2238.8	2242.7	2246.6	2250.5	2254.4	2258.3	2262.2	2266.1	2270.0	2273.9	2277.8	2281.7	2285.6	2289.5	2293.4	2297.3	2301.2	2305.1	2309.0	2312.9	2316.8	2320.7	2324.6	2328.5	2332.4	2336.3	2340.2	2344.1	2348.0	2351.9	2355.8	2359.7	2363.6	2367.5	2371.4	2375.3	2379.2	2383.1	2387.0	2390.9	2394.8	2398.7	2402.6	2406.5	2410.4	2414.3	2418.2	2422.1	2426.0	2429.9	2433.8	2437.7	2441.6	2445.5	2449.4	2453.3	2457.2	2461.1	2465.0	2468.9	2472.8	2476.7	2480.6	2484.5	2488.4	2492.3	2496.2	2500.1	2504.0	2507.9	2511.8	2515.7	2519.6	2523.5	2527.4	2531.3	2535.2	2539.1	2543.0	2546.9	2550.8	2554.7	2558.6	2562.5	2566.4	2570.3	2574.2	2578.1	2582.0	2585.9	2589.8	2593.7	2597.6	2601.5	2605.4	2609.3	2613.2	2617.1	2621.0	2624.9	2628.8	2632.7	2636.6	2640.5	2644.4	2648.3	2652.2	2656.1	2660.0	2663.9	2667.8	2671.7	2675.6	2679.5	2683.4	2687.3	2691.2	2695.1	2699.0	2702.9	2706.8	2710.7	2714.6	2718.5	2722.4	2726.3	2730.2	2734.1	2738.0	2741.9	2745.8	2749.7	2753.6	2757.5	2761.4	2765.3	2769.2	2773.1	2777.0	2780.9	2784.8	2788.7	2792.6	2796.5	2800.4	2804.3	2808.2	2812.1	2816.0	2819.9	2823.8	2827.7	2831.6	2835.5	2839.4	2843.3	2847.2	2851.1	2855.0	2858.9	2862.8	2866.7	2870.6	2874.5	2878.4	2882.3	2886.2	2890.1	2894.0	2897.9	2901.8	2905.7	2909.6	2913.5	2917.4	2921.3	2925.2	2929.1	2933.0	2936.9	2940.8	2944.7	2948.6	2952.5	2956.4	2960.3	2964.2	2968.1	2972.0	2975.9	2979.8	2983.7	2987.6	2991.5	2995.4	2999.3	3003.2	3007.1	3011.0	3014.9	3018.8	3022.7	3026.6	3030.5	3034.4	3038.3	3042.2	3046.1	3050.0	3053.9	3057.8	3061.7	3065.6	3069.5	3073.4	3077.3	3081.2	3085.1	3089.0	3092.9	3096.8	3100.7	3104.6	3108.5	3112.4	3116.3	3120.2	3124.1	3128.0	3131.9	3135.8	3139.7	3143.6	3147.5	3151.4	3155.3	3159.2	3163.1	3167.0	3170.9	3174.8	3178.7	3182.6	3186.5	3190.4	3194.3	3198.2	3202.1	3206.0	3209.9	3213.8	3217.7	3221.6	3225.5	3229.4	3233.3	3237.2	3241.1	3245.0	3248.9	3252.8	3256.7	3260.6	3264.5	3268.4	3272.3	3276.2	3280.1	3284.0	3287.9	3291.8	3295.7	3299.6	3303.5	3307.4	3311.3	3315.2	3319.1	3323.0	3326.9	3330.8	3334.7	3338.6	3342.5	3346.4	3350.3	3354.2	3358.1	3362.0	3365.9	3369.8	3373.7	3377.6	3381.5	3385.4	3389.3	3393.2	3397.1	3401.0	3404.9	3408.8	3412.7	3416.6	3420.5	3424.4	3428.3	3432.2	3436.1	3440.0	3443.9	3447.8	3451.7	3455.6	3459.5	3463.4	3467.3	3471.2	3475.1	3479.0	3482.9	3486.8	3490.7	3494.6	3498.5	3502.4	3506.3	3510.2	3514.1	3518.0	3521.9	3525.8	3529.7	3533.6	3537.5	3541.4	3545.3	3549.2	3553.1	3557.0	3560.9	3564.8	3568.7	3572.6	3576.5	3580.4	3584.3	3588.2	3592.1	3596.0	3600.0	3603.9	3607.8	3611.7	3615.6	3619.5	3623.4	3627.3	3631

Input and output:
Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

elementary hue text:

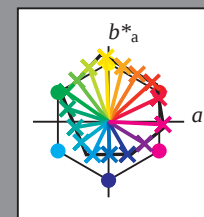
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



%Gamut

$u^*_{rel} = 87$

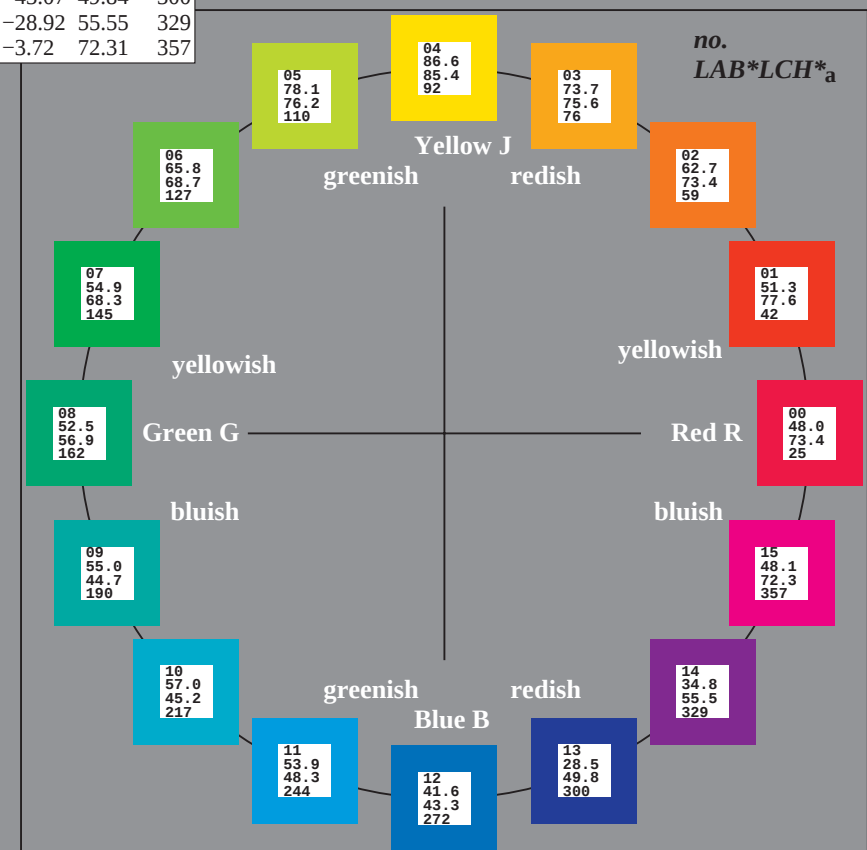
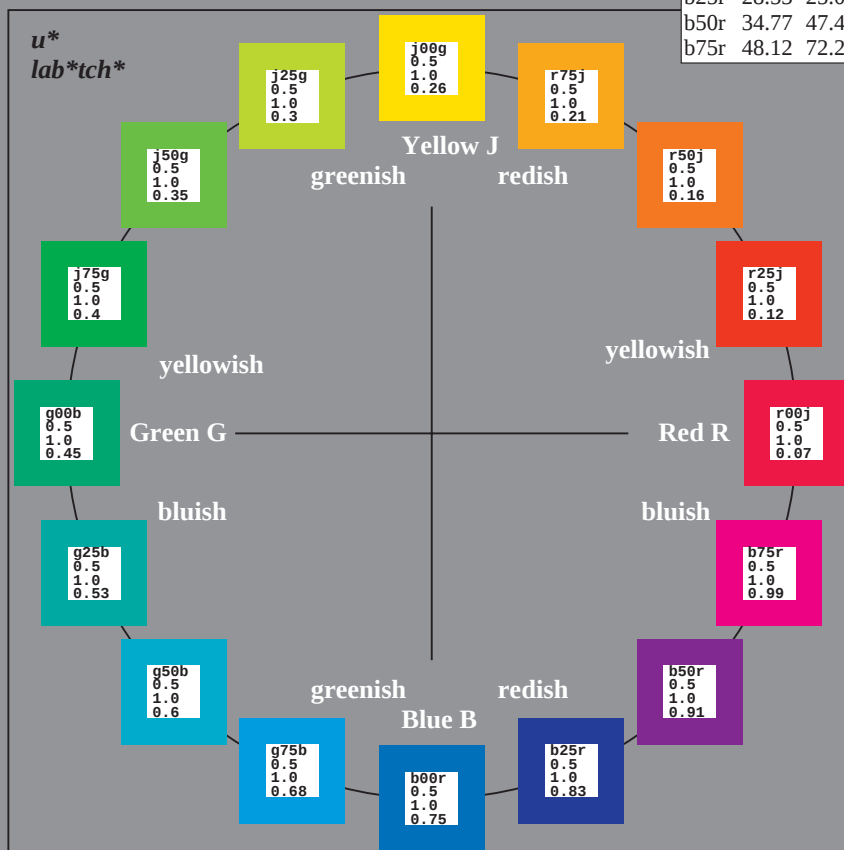
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	63.36	48.95	80.07	38
YMa	90.37	-9.94	88.91	89.46	96
LMa	50.9	-60.88	33.87	69.68	151
CMa	58.62	-29.4	-43.62	52.61	236
VMa	25.72	30.13	-43.02	52.54	305
MMa	48.13	72.95	-8.1	73.39	354
NMa	20.0	0.0	0.0	0.0	0
WMa	95.0	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

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

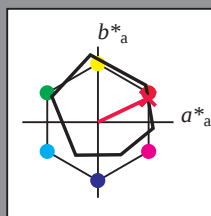
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 66 32

$LAB^*LCH^*_{Ma}$: 48 73 25

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

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

triangle lightness t^*

%Gamut

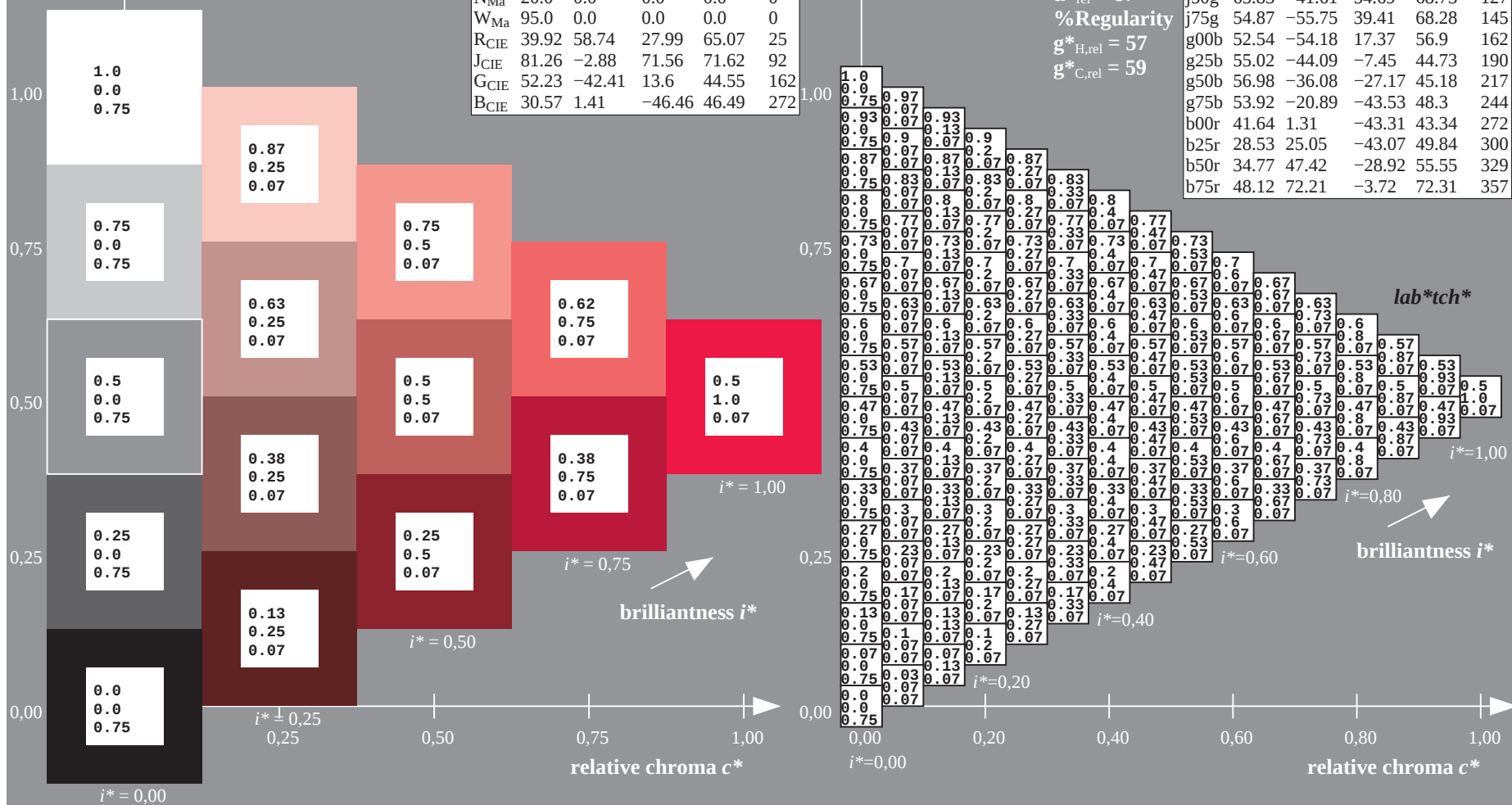
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

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

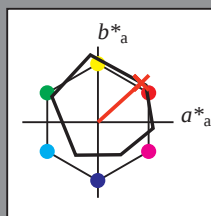
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 58 52

$LAB^*LCH^*_{Ma}$: 51 78 42

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

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

triangle lightness t^*

%Gamut

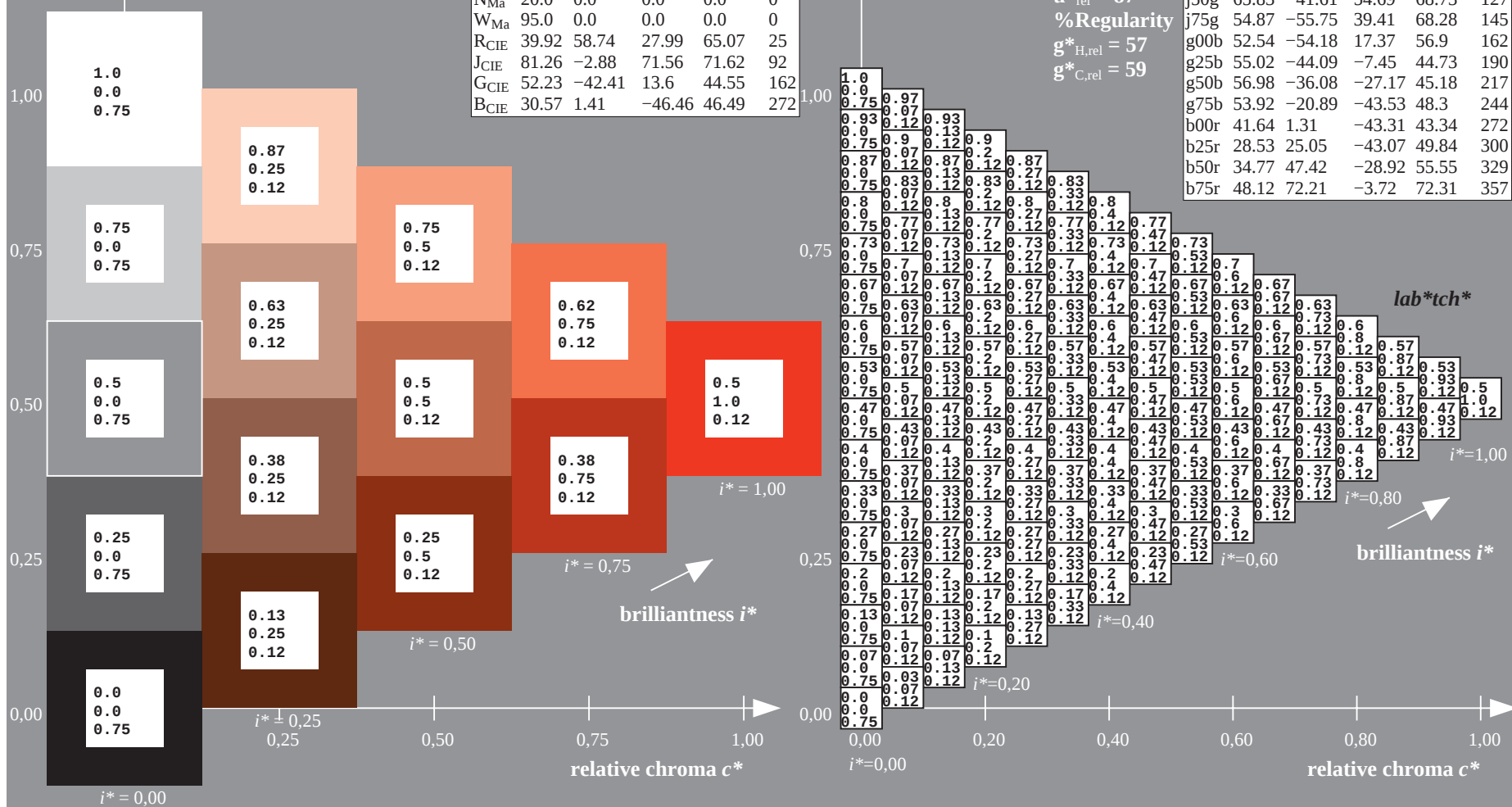
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

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

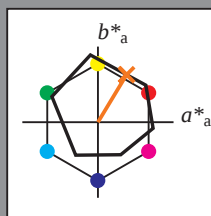
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 63 38 63

$LAB^*LCH^*_{Ma}$: 63 73 59

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

$lab^*olv^*_{Ma}$: 1.0 0.35 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

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

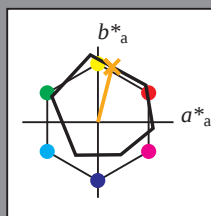
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 74 19 73

$LAB^*LCH^*_{Ma}$: 74 76 76

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

$lab^*olv^*_{Ma}$: 1.0 0.61 0.0

triangle lightness t^*

%Gamut

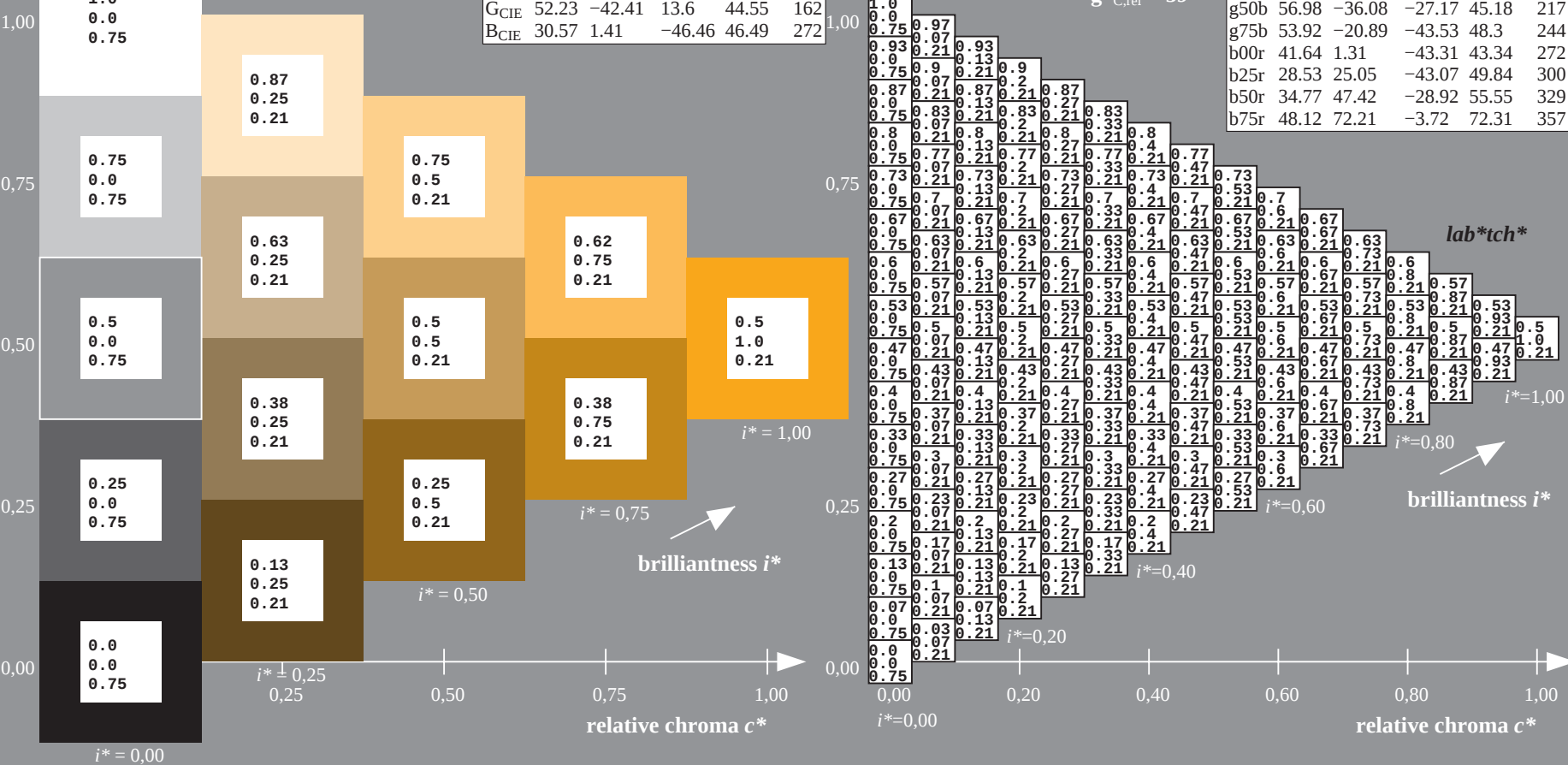
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

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

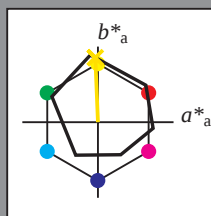
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 87 -2 85

$LAB^*LCH^*_{Ma}$: 87 85 92

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

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

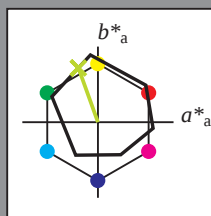
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 78 -25 72

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

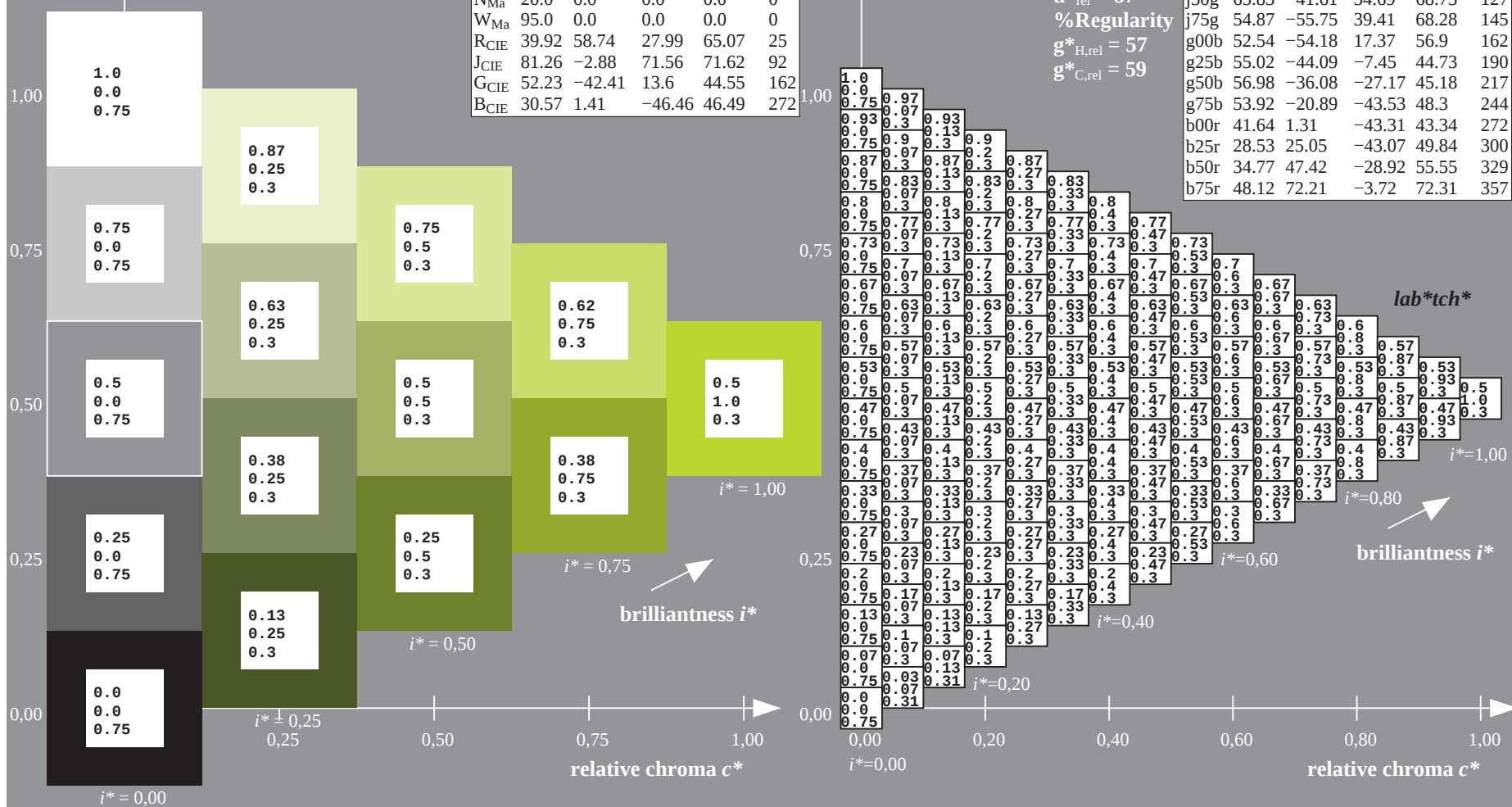
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

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

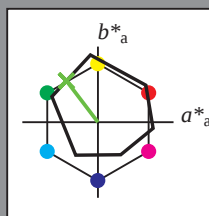
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 66 -41 55

$LAB^*LCH^*_{Ma}$: 66 69 127

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

$lab^*olv^*_{Ma}$: 0.38 1.0 0.0

triangle lightness t^*

%Gamut

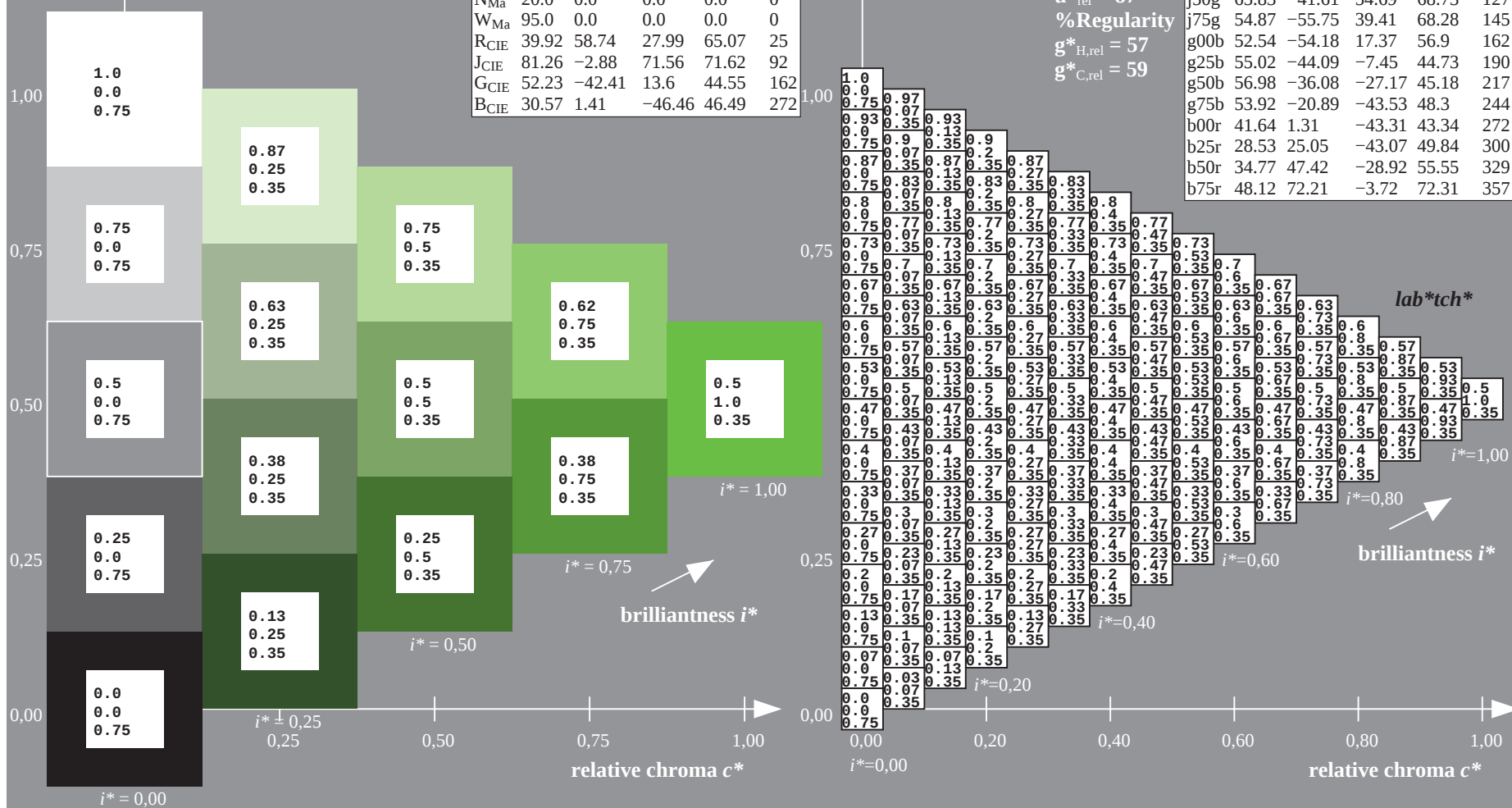
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

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

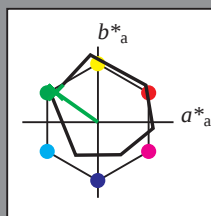
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 55 68 145

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

$lab^*olv^*_{Ma}$: 0.1 1.0 0.0

triangle lightness t^*

%Gamut

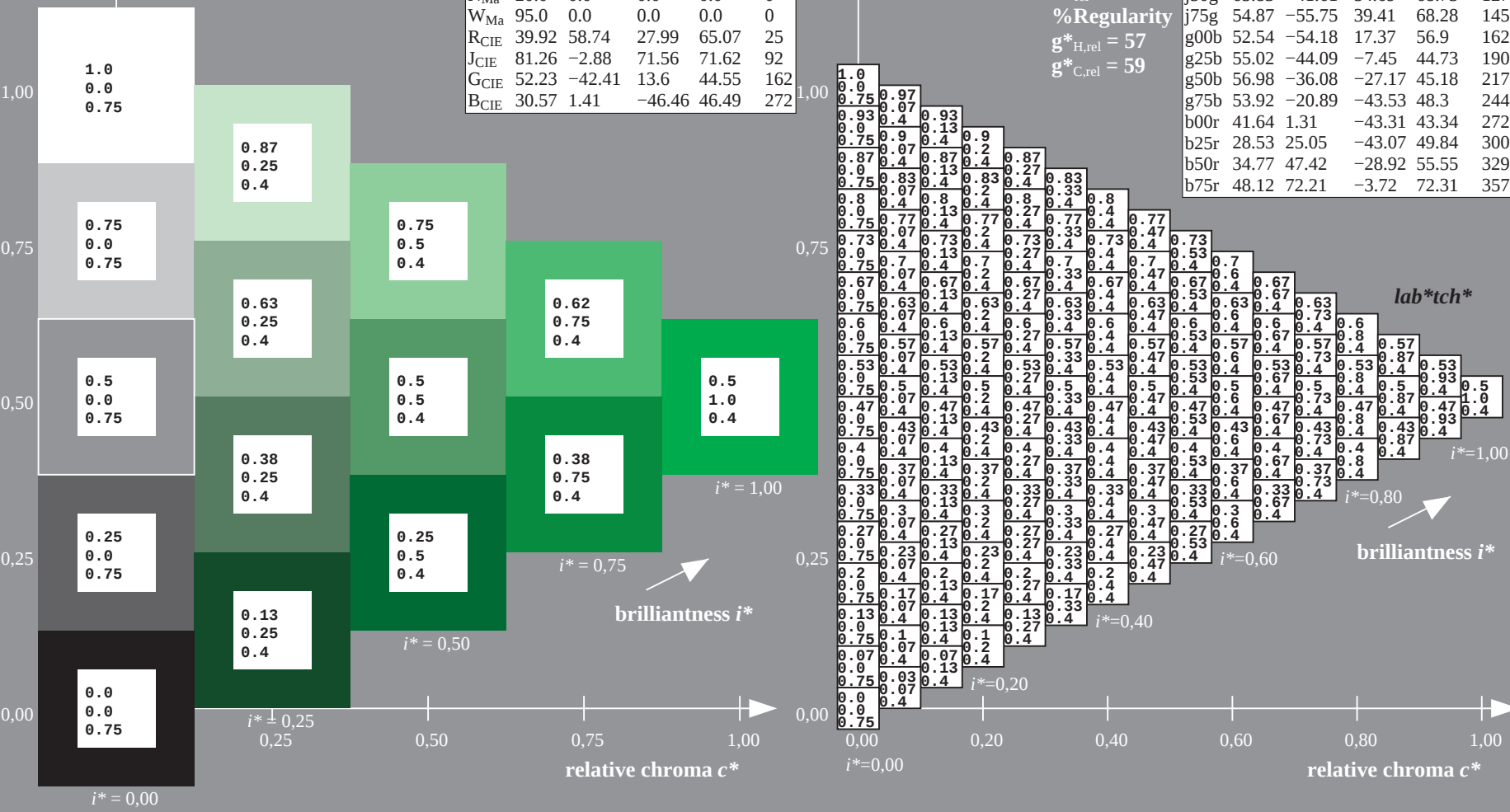
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

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

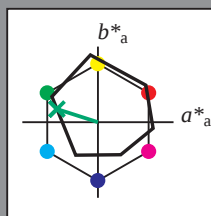
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 53 -53 17

$LAB^*LCH^*_{Ma}$: 53 57 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.21

triangle lightness t^*

%Gamut

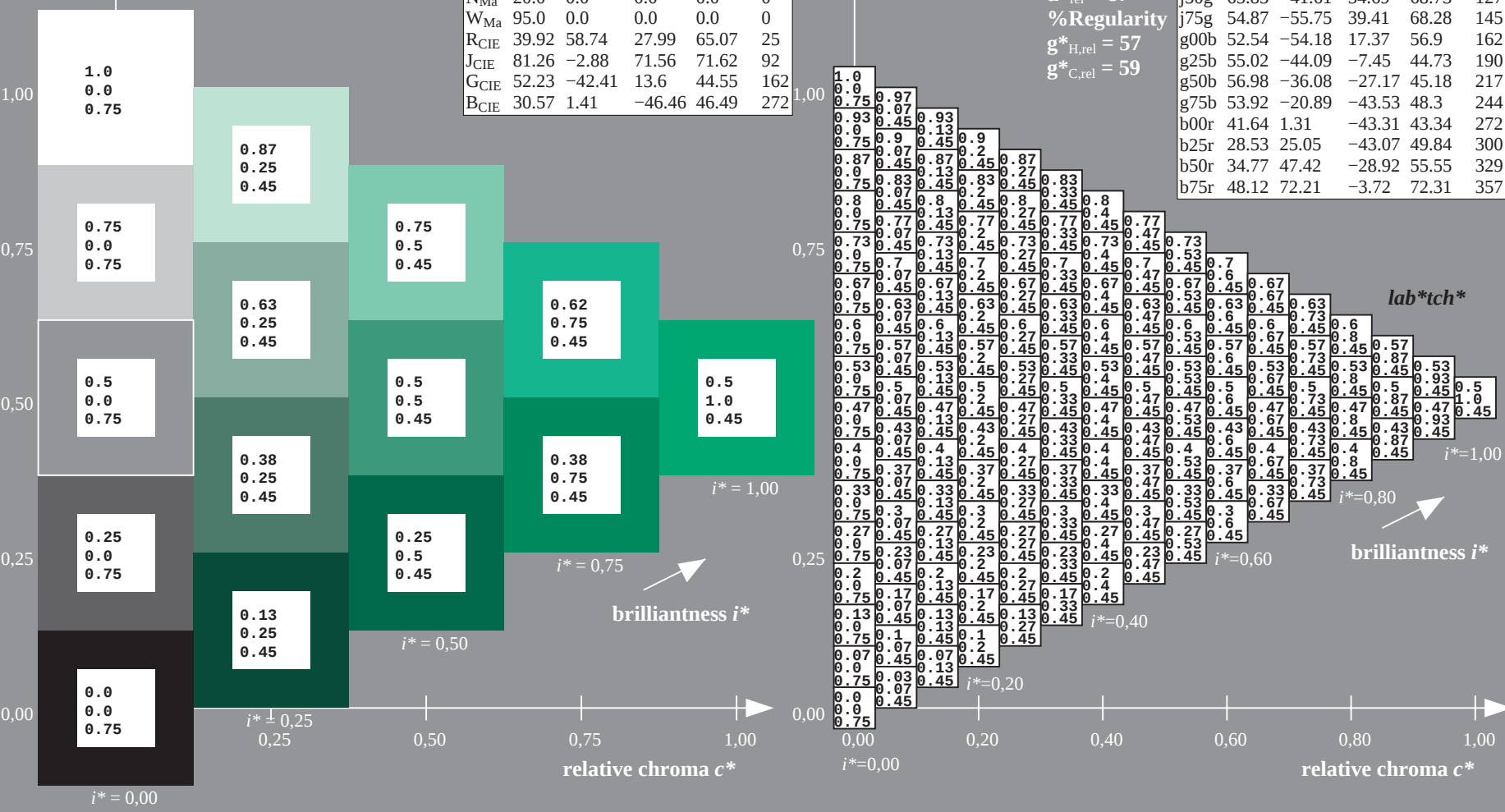
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

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

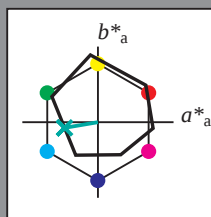
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 55 -43 -6

$LAB^*LCH^*_{Ma}$: 55 45 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.53

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

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

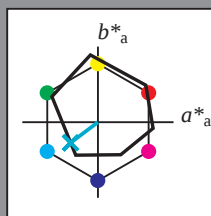
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 57 -35 -26

$LAB^*LCH^*_{Ma}$: 57 45 217

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

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

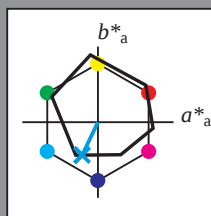
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 -20 -43

$LAB^*LCH^*_{Ma}$: 54 48 244

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

$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*tch^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

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

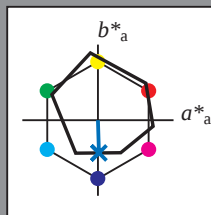
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 42 43 272

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

$lab^*olv^*_{Ma}$: 0.0 0.48 1.0

triangle lightness t^*

%Gamut

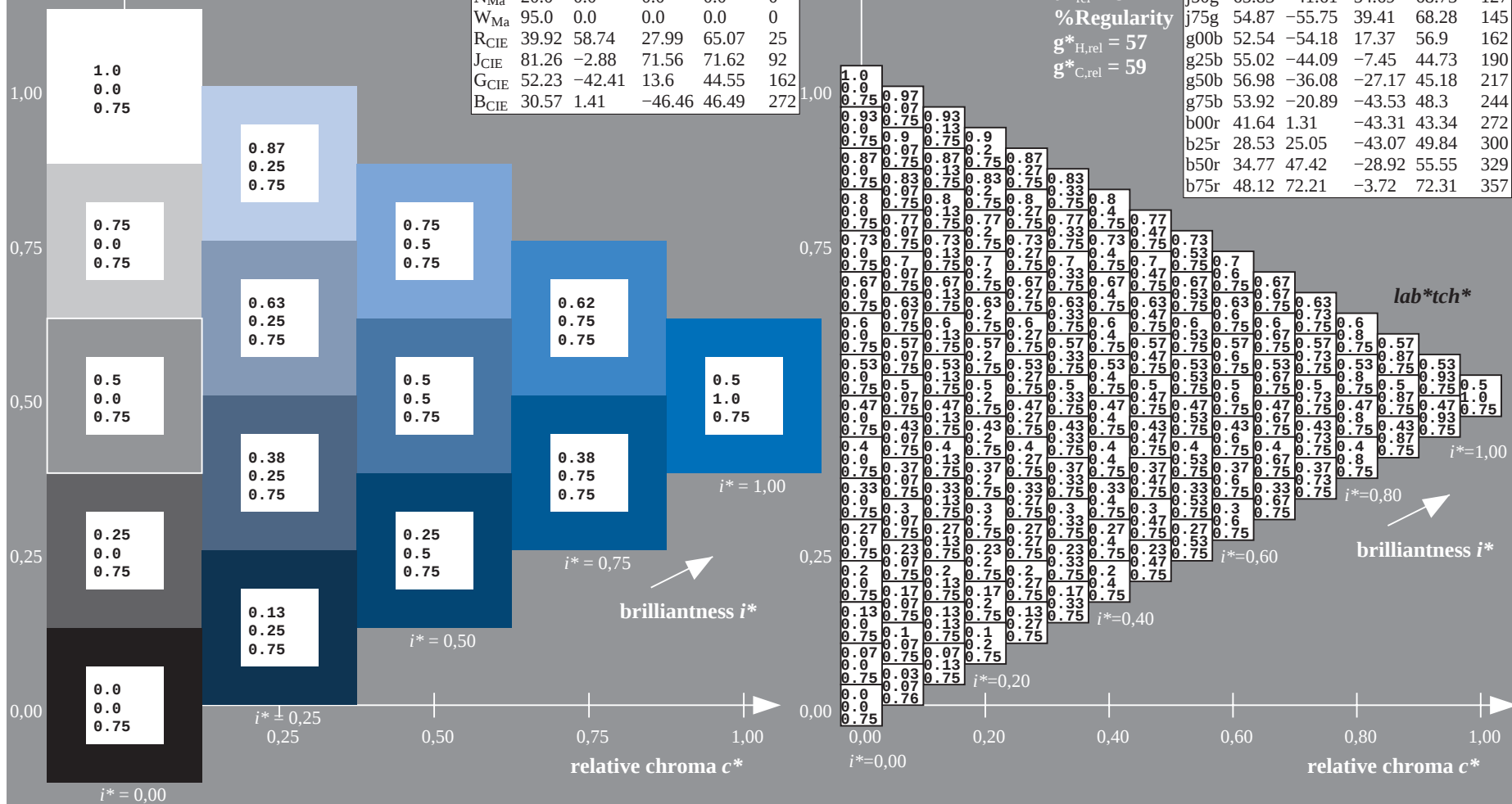
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

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

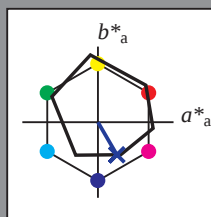
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 29 25 -42

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

triangle lightness t^*

%Gamut

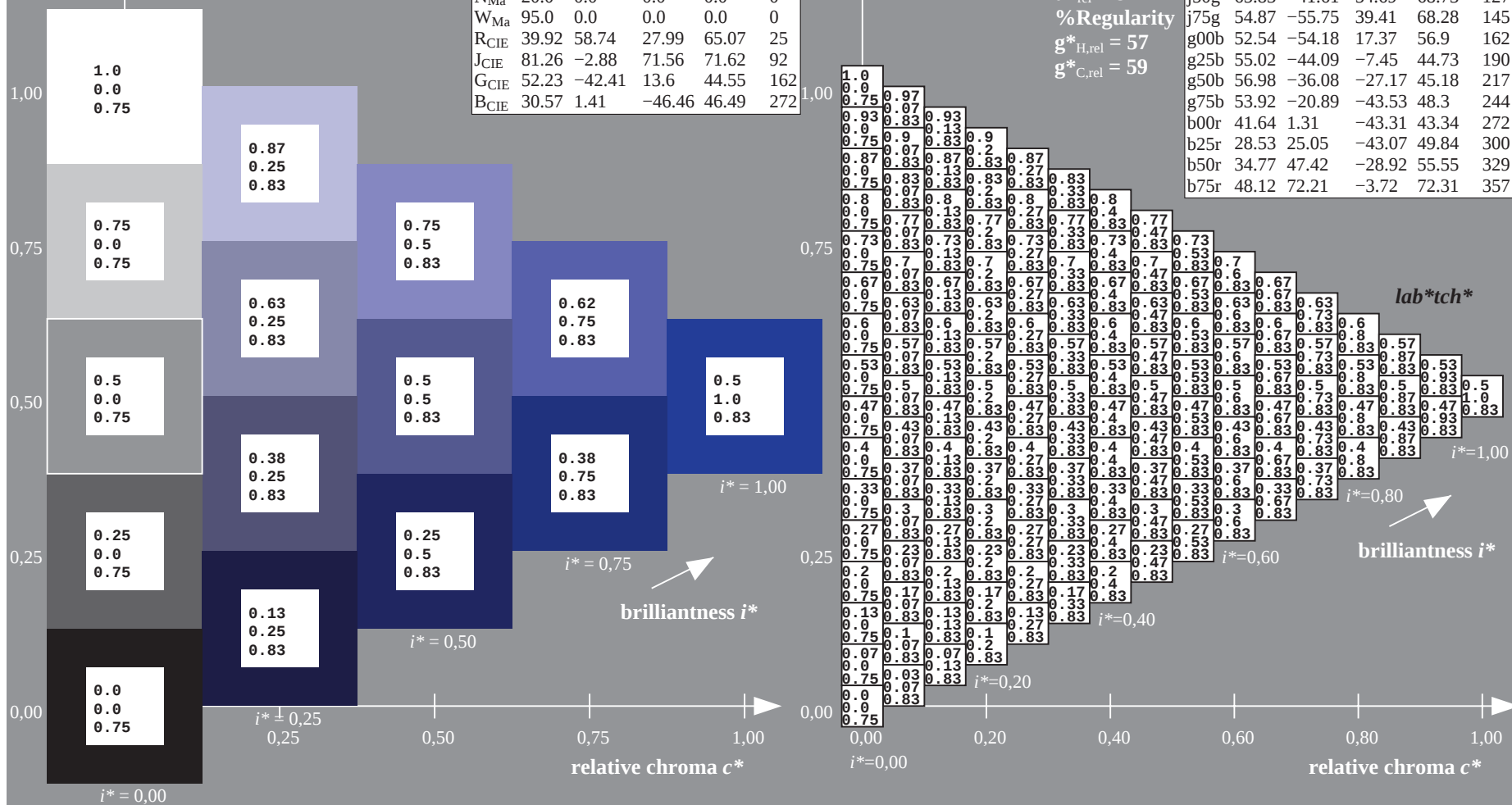
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

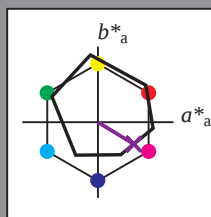
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 47 -28

$LAB^*LCH^*_{Ma}$: 35 56 329

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*tch^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

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

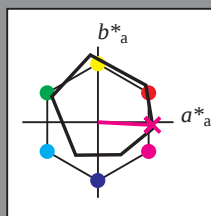
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 72 -3

$LAB^*LCH^*_{Ma}$: 48 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

triangle lightness t^*

%Gamut

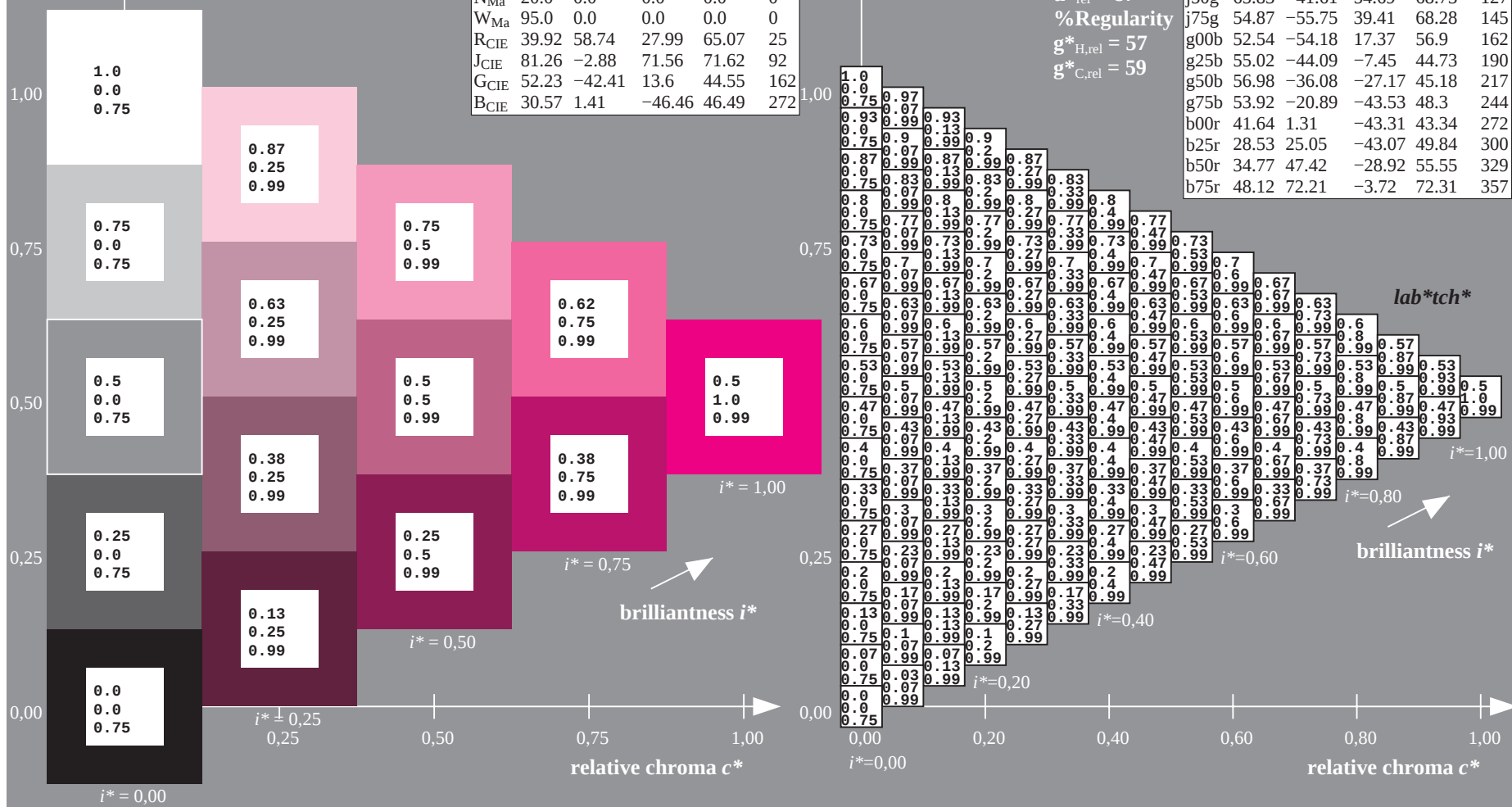
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSp=1

BAM registration: 20080/01-De95/10/L/L95E00NP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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		
	0.75	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.1	0.27	0.33	0.36	0.38	0.38	0.39	0.39	0.4	0.0	0.19	0.27	0.31	0.33	0.35	0.36	0.37	0.38	0.75	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.75	0.75	0.75	
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	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.13	0.13	0.13	0.13		
	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		
	0.85	0.66	0.52	0.47	0.46	0.45	0.44	0.44	0.44	0.98	0.75	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.05	0.1	0.27	0.33	0.36	0.38	0.38	0.39	0.39	0.66	0.75	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.75	0.75	0.75
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	0.25	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		
	0.85	0.75	0.66	0.57	0.52	0.49	0.47	0.46	0.46	0.93	0.85	0.66	0.52	0.47	0.46	0.45	0.44	0.44	0.98	0.98	0.75	0.42	0.42	0.42	0.42	0.42	0.42	0.66	0.75	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.75	0.75	0.75
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	0.13	0.25	0.38	0.5	0.62	0.75	0.0	0.0	0.0	0.0		
	0.85	0.79	0.72	0.66	0.59	0.55	0.52	0.5	0.48	0.9	0.85	0.75	0.66	0.57	0.52	0.49	0.47	0.46	0.95	0.93	0.85	0.66	0.52	0.47	0.46	0.45	0.44	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
05	0.25	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	0.5	0.62	0.75	0.87	0.5	0.62	0.75	0.87	0.5	0.93	0.85	0.75	0.66	0.57	0.52	0.49	0.47	0.46	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
	0.85	0.8	0.75	0.7	0.66	0.61	0.54	0.52	0.49	0.89	0.85	0.79	0.72	0.66	0.59	0.55	0.52	0.5	0.93	0.85	0.75	0.66	0.57	0.52	0.49	0.47	0.46	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
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	0.44	0.5	0.56	0.31	0.38	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.62	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.63	0.63	0.63	
	0.62	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	0.63	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	0.25	0.37	0.0	0.0	0.0	0.0	0.0	0.0			
	0.85	0.81	0.77	0.73	0.69	0.66	0.62	0.58	0.55	0.88	0.85	0.8	0.75	0.7	0.66	0.61	0.57	0.54	0.91	0.89	0.85	0.79	0.72	0.66	0.59	0.55	0.52	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
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	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62		
	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	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	
	0.85	0.82	0.79	0.75	0.72	0.68	0.66	0.62	0.59	0.88	0.85	0.81	0.77	0.73	0.69	0.66	0.62	0.58	0.9	0.88	0.85	0.8	0.75	0.7	0.66	0.61	0.57	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
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	0.5	0.56	0.44	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62		
	0.87	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	0.87	0.87	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
	0.85	0.82	0.8	0.77	0.74	0.71	0.68	0.66	0.63	0.87	0.85	0.82	0.79	0.75	0.72	0.68	0.66	0.62	0.89	0.88	0.85	0.81	0.77	0.73	0.69	0.66	0.62	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
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	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62		
	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	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75		
	0.85	0.83	0.8	0.78	0.75	0.72	0.7	0.68	0.66	0.87	0.85	0.82	0.8	0.77	0.74	0.71	0.68	0.66	0.89	0.87	0.85	0.82	0.79	0.75	0.72	0.68	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66		
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	0.31	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	0.25	0.19	0.63	0.63		
	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	0.62	0.75	0.87	1.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62		
	0.1	0.16	0.22	0.27	0.3	0.32	0.33	0.35	0.35	0.1	0.15	0.19	0.23	0.27	0.29	0.31	0.32	0.33	0.1	0.14	0.17	0.21	0.24	0.27	0.29	0.3	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31		
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	0.19	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	0.5	0.63	0.75	0.87	0.62	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.87	0.12	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	0.0			
	0.1	0.17	0.23	0.28	0.3	0.32	0.35	0.37	0.38	0.1	0.17	0.21	0.24	0.27	0.29	0.31	0.32	0.33	0.1	0.17	0.21	0.24	0.27	0.29	0.31	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33		
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																											

Input and output:
Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

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

elementary hue text:

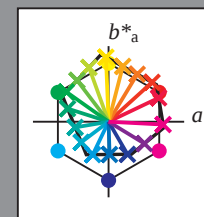
*u** = 16 hues *r00j*, *r25j*, ..., *b75r*

contrast reduction factor:

$c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



%Gamut

$u^*_{rel} = 87$

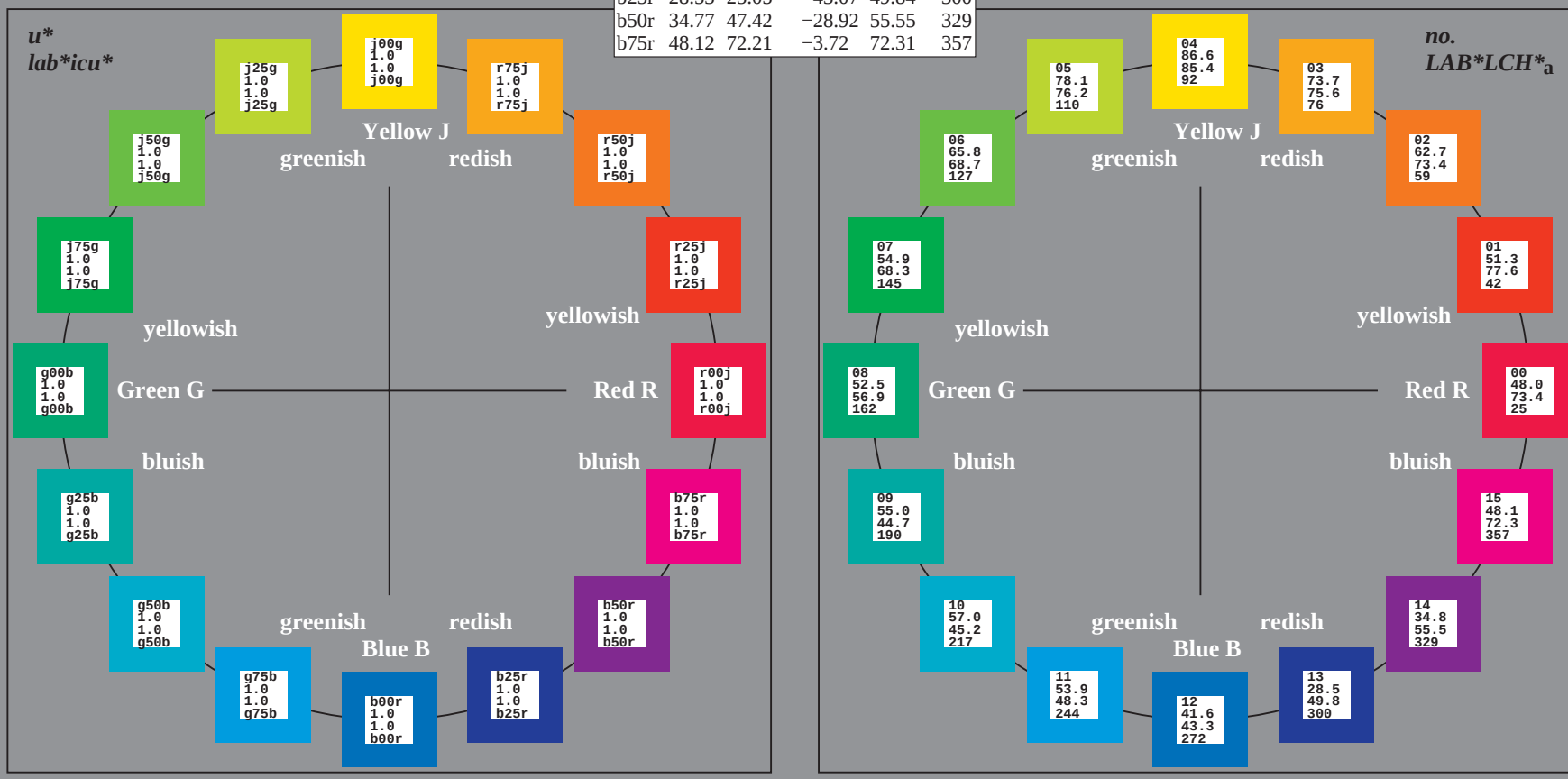
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	63.36	48.95	80.07	38
YMa	90.37	-9.94	88.91	89.46	96
LMa	50.9	-60.88	33.87	69.68	151
CMa	58.62	-29.4	-43.62	52.61	236
VMa	25.72	30.13	-43.02	52.54	305
MMa	48.13	72.95	-8.1	73.39	354
NMa	20.0	0.0	0.0	0.0	0
WMa	95.0	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

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

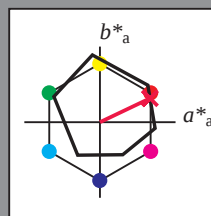
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 66 32

$LAB^*LCH^*_{Ma}$: 48 73 25

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

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

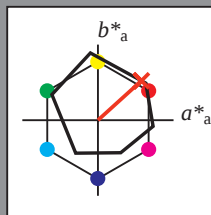
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 58 52

$LAB^*LCH^*_{Ma}$: 51 78 42

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

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

triangle lightness t^*

%Gamut

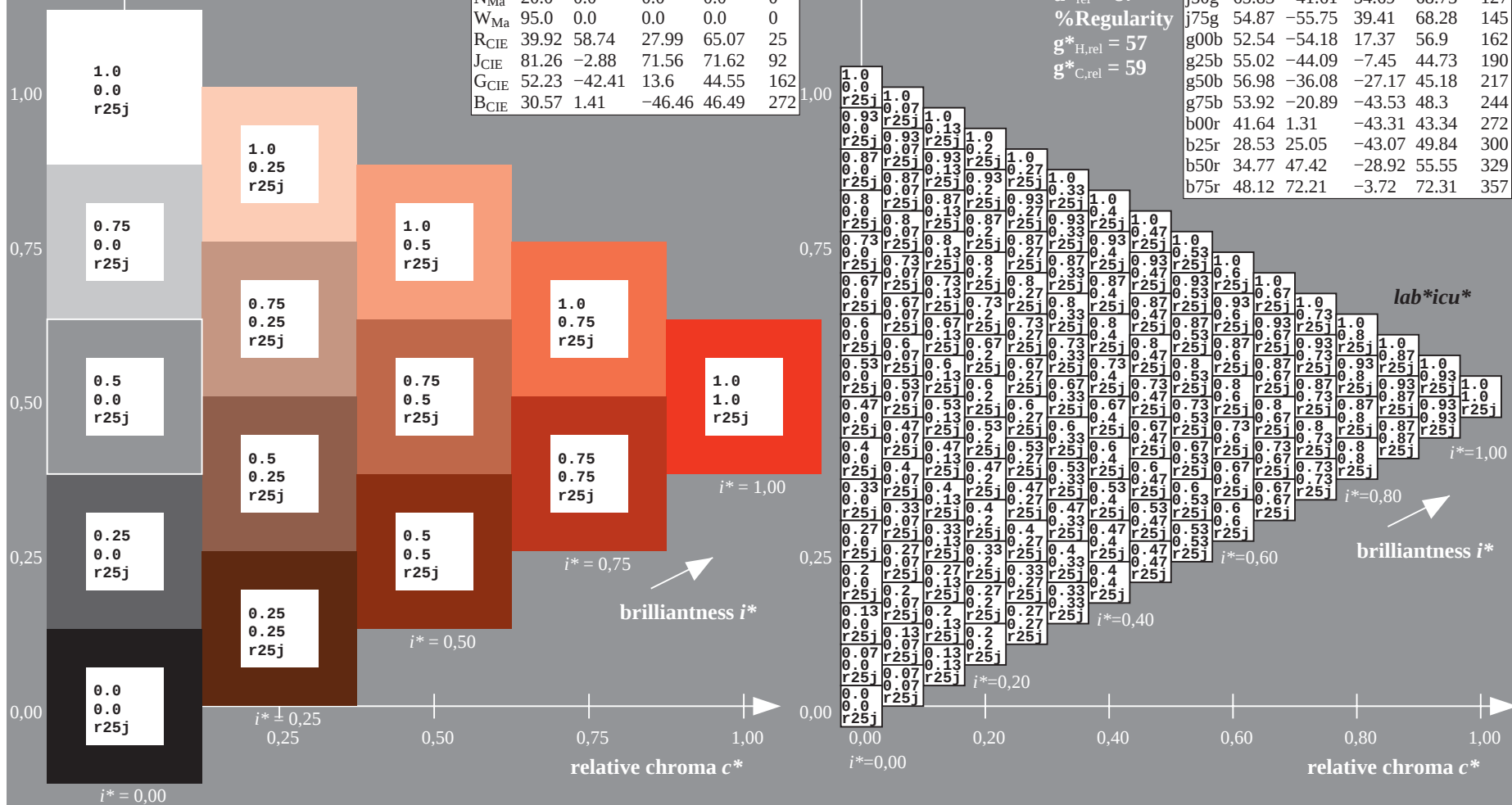
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

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

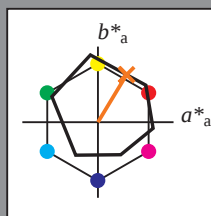
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 63 38 63

$LAB^*LCH^*_{Ma}$: 63 73 59

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

$lab^*olv^*_{Ma}$: 1.0 0.35 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

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

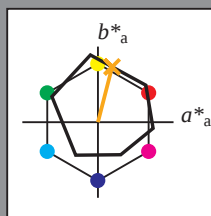
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 74 19 73

$LAB^*LCH^*_{Ma}$: 74 76 76

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

$lab^*olv^*_{Ma}$: 1.0 0.61 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

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

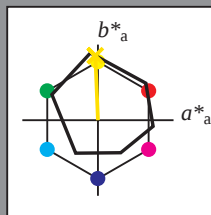
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 87 -2 85

$LAB^*LCH^*_{Ma}$: 87 85 92

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

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

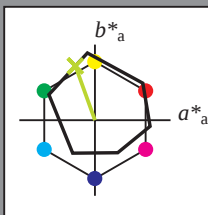
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 78 -25 72

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

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

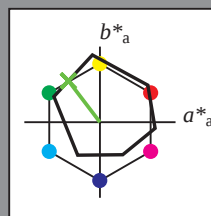
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 66 -41 55

$LAB^*LCH^*_{Ma}$: 66 69 127

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

$lab^*olv^*_{Ma}$: 0.38 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

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

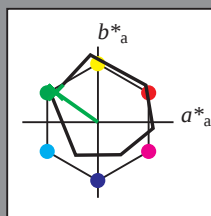
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 55 68 145

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

$lab^*olv^*_{Ma}$: 0.1 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

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

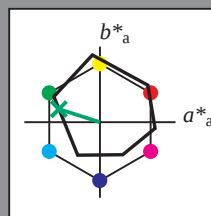
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 53 -53 17

$LAB^*LCH^*_{Ma}$: 53 57 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.21

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*icu^*

$i^*=1.00$

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

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

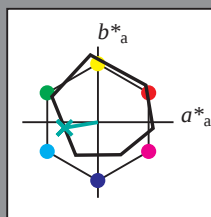
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 55 -43 -6

$LAB^*LCH^*_{Ma}$: 55 45 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.53

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

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

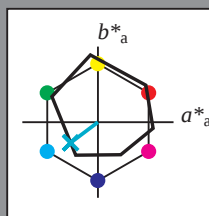
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 57 -35 -26

$LAB^*LCH^*_{Ma}$: 57 45 217

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*icu^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

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

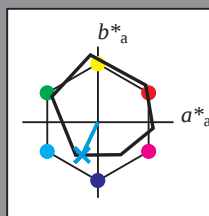
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 -20 -43

$LAB^*LCH^*_{Ma}$: 54 48 244

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

$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*icu^*

$i^* = 1.00$

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_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

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

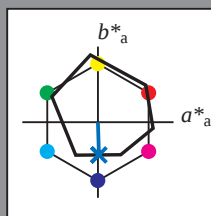
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

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

$LAB^*LCH^*_{Ma}$: 42 43 272

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

$lab^*olv^*_{Ma}$: 0.0 0.48 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*icu^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

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

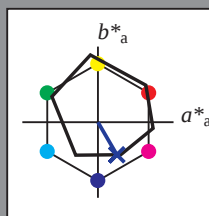
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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):

$LAB^*LAB^*_{Ma}$: 29 25 -42

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

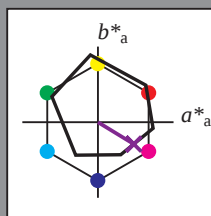
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 47 -28

$LAB^*LCH^*_{Ma}$: 35 56 329

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

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

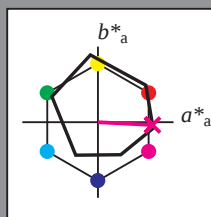
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	63.36	48.95	80.07	38
Y _{Ma}	90.37	-9.94	88.91	89.46	96
L _{Ma}	50.9	-60.88	33.87	69.68	151
C _{Ma}	58.62	-29.4	-43.62	52.61	236
V _{Ma}	25.72	30.13	-43.02	52.54	305
M _{Ma}	48.13	72.95	-8.1	73.39	354
N _{Ma}	20.0	0.0	0.0	0.0	0
W _{Ma}	95.0	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 72 -3

$LAB^*LCH^*_{Ma}$: 48 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

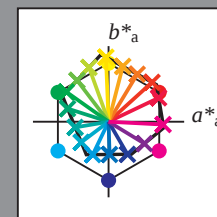
See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De95/10L/L95E00NP.PS/.PDF
Technical information: <http://www.ps.bam.de> Version 2.1, io=1, ColSpX=1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*icu*						
01	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0				
	g98b	j82g	j82g	j82g	j82g	j82g	j82g	j82g	j82g	r18j	j05g	j39g	j53g	j69g	j65g	j68g	j70g	j72g	r18j	r64j	j05g	j26g	j39g	j47g	j53g	j57g	j60g	g98b	r18j	r18j	r18j	r18j	r18j	r18j	r18j	r18j	r18j	g98b	g98b	g98b	g98b			
02	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13			
	b28r	g66b	g21b	g07b	g02b	j97g	j94g	j92g	j91g	b71r	g98b	j82g	j82g	j82g	j82g	j82g	j82g	j82g	b91r	r18j	j05g	j39g	j53g	j60g	j65g	j68g	j70g	g66b	g98b	r18j	r18j	r18j	r18j	r18j	r18j	r18j	r18j	r18j	g98b	g98b	g98b	g98b		
03	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.25	0.25	0.25	0.25			
	b28r	g97b	g66b	g37b	g21b	g12b	g07b	g04b	g02b	b53r	b28r	g66b	g21b	g07b	g02b	j97g	j94g	j92g	b71r	b71r	g98b	j82g	j82g	j82g	j82g	j82g	j82g	g66b	g66b	g98b	r18j	r18j	r18j	r18j	r18j	r18j	r18j	r18j	g98b	g98b	g98b	g98b		
04	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38			
	b28r	b10r	g66b	g66b	g45b	g31b	g21b	g15b	g11b	b46r	b28r	g97b	g66b	g37b	g21b	g12b	g07b	g04b	b60r	b53r	b28r	g66b	g21b	g07b	g02b	j97g	j94g	g66b	g66b	g98b	r18j	r18j	r18j	r18j	r18j	r18j	r18j	r18j	g98b	g98b	g98b	g98b		
05	0.5	0.5	0.5	0.5	0.5	0.62	0.75	0.87	1.0	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.87	0.5	0.38	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.38	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
	b28r	b15r	g97b	g80b	g66b	g50b	g37b	g28b	g21b	b41r	b28r	b10r	g86b	g66b	g45b	g31b	g21b	g15b	b53r	b46r	b28r	g97b	g66b	g37b	g21b	g12b	g07b	g66b	g66b	g98b	r18j	r18j	r18j	r18j	r18j	r18j	r18j	r18j	g98b	g98b	g98b	g98b		
06	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63			
	b28r	b18r	b05r	g90b	g77b	g66b	g53b	g47b	g33b	b39r	b28r	b15r	g70b	g80b	g66b	g50b	g37b	g28b	b49r	b41r	b28r	b10r	g86b	g66b	g45b	g31b	g21b	g66b	g66b	g66b	g98b	r18j	r18j	r18j	r18j	r18j	r18j	r18j	g98b	g98b	g98b	g98b		
07	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75			
	b28r	b20r	b10r	g97b	g86b	g75b	g66b	g55b	g45b	b37r	b28r	b18r	b05r	g90b	g77b	g66b	g53b	g42b	b46r	b39r	b28r	b15r	g97b	g80b	g66b	g50b	g37b	g66b	g66b	g66b	g98b	r18j	r18j	r18j	r18j	r18j	r18j	r18j	g98b	g98b	g98b	g98b		
08	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.88	0.88	0.88	0.88				
	b28r	b21r	b13r	b03r	g92b	g83b	g74b	g67b	g57b	b36r	b28r	b20r	b10r	g97b	g86b	g75b	g66b	g55b	b47r	b43r	b37r	b28r	b18r	b05r	g90b	g77b	g66b	g53b	g42b	g66b	g66b	g66b	g98b	r18j	r18j	r18j	r18j	g98b	g98b	g98b	g98b			
09	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
	b28r	b22r	b15r	b07r	g97b	g89b	g80b	g73b	g66b	b35r	b28r	b21r	b13r	b03r	g92b	g83b	g74b	g66b	b41r	b36r	b28r	b20r	b10r	g97b	g86b	g75b	g66b	g66b	g66b	g66b	g66b	g66b	g66b	g66b	g66b	g66b	g66b	g66b	g66b	g66b	g66b			
10	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
	b48r	r40j	r79j	j05g	j20g	j31g	j39g	j45g	j49g	r18j	r40j	r64j	r86j	j05g	j17g	j26g	j33g	j39g	r18j	r35j	r54j	r73j	r90j	j05g	j15g	j22g	j29g	g98b	j05g	j05g	j05g	j05g	j05g	j05g	j05g	j05g	j05g	j05g	j05g	g98b	g98b	g98b	g98b	
11	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88			
	b97r	r18j	r64j	j05g	j26g	j39g	j47g	j53g	j57g	r03j	r18j	r48j	r79j	j05g	j20g	j31g	j39g	j45g	r06j	r18j	r40j	r64j	r86j	j05g	j17g	j26g	j33g	j39g	j28r	g98b	j05g	j05g	j05g	j05g	j05g	j05g	j05g	j05g	j05g	g98b	g98b	g98b	g98b	
12	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75			
	b84r	b91r	r18j	j05g	j39g	j53g	j60g	j65g	j68g	b91r	b97r	r18j	r64j	j05g	j26g	j39g	j47g	j53g	b95r	r03j	r18j	r48j	r79j	j05g	j20g	j31g	j39g	j45g	j28r	b28r	g98b	j05g	j05g	j05g	j05g	j05g	j05g	j05g	j05g	g98b	g98b	g98b	g98b	
13	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75			
	b71r	b71r	b71r	g98b	j82g	j29g	j82g	j82g	j82g	b81r	b84r	b91r	r18j	j05g	j39g	j53g	j60g	j65g	b67r	b91r	b97r	r18j	r64j	j05g	j26g	j39g	j47g	j28r	b28r	b28r	g98b	j05g	j05g	j05g	j05g	j05g	j05g	j05g	j05g	g98b	g98b	g98b	g98b	
14	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5			
	b63r	b60r	b53r	b28r	g66b	g21b	g07b	g02b	j97g	b71r	b71r	b71r	b71r	g98b	j82g	j82g	j82g	j82g	b79r	b81r	b84r	b91r	r18j	j05g	j39g	j53g	j60g	j28r	b28r	b28r	g98b	j05g	j05g	j05g	j05g	j05g	j05g	j05g	j05g	g98b	g98b	g98b	g98b	
15	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38				
	b58r	b53r	b46r	b28r	g97b	g66b	g37b	g21b	g12b	b65r	b63r	b60r	b53r	b28r	g66b	g21b	g07b	g02b	b71r	b71r	b71r	b71r	g98b	j82g	j82g	j82g	j82g	j82g	b28r	b28r	b28r	g98b	j05g	j05g	j05g	j05g	j05g	j05g	j05g	j05g	g98b	g98b	g98b	g98b
16	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.25	0.4	0.4	0.4	0.4			
	b54r	b48r	b48r	b28r	b10r	g86b	g66b	g45b	g31b	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	b58r	g98b	g98b	g98b	g98b	
17	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.88	0.88	0.88	0.88				
	b50r	b46r	b39r	b28r	b15r	g97b	g80b	g66b	g50b	b56r	b56r	b56r	b56r	b56r	b56r	b56r	b56r	b56r	b60r	b58r	b53r	b46r</																						

BAM registration: 20080701-De95/10L/L95E00NP.PS/.PDF BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems

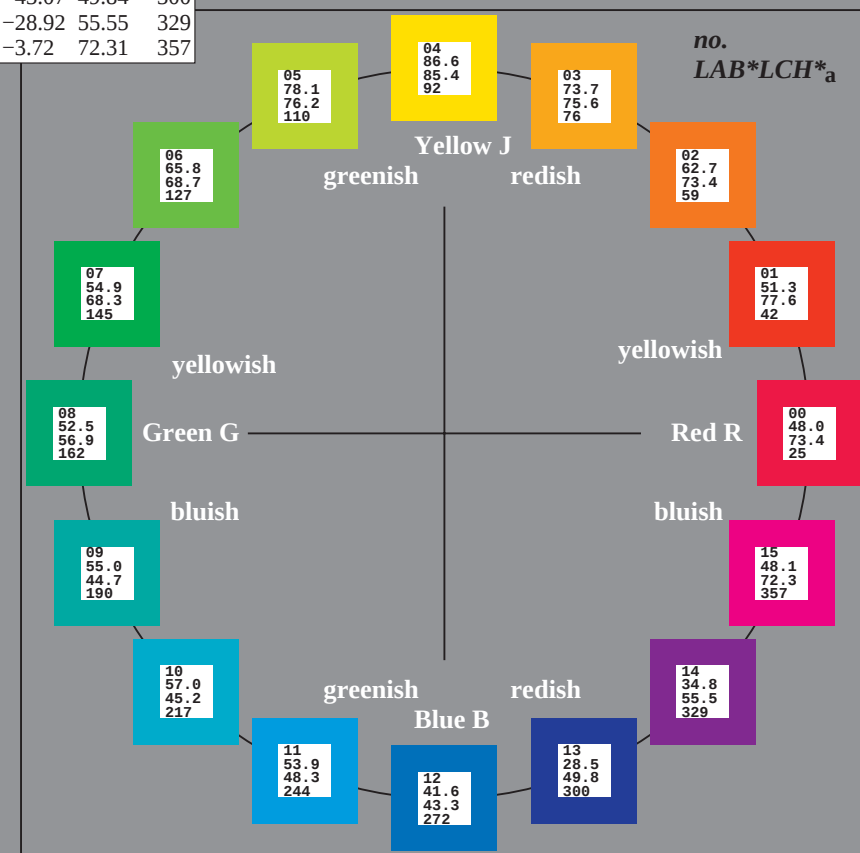
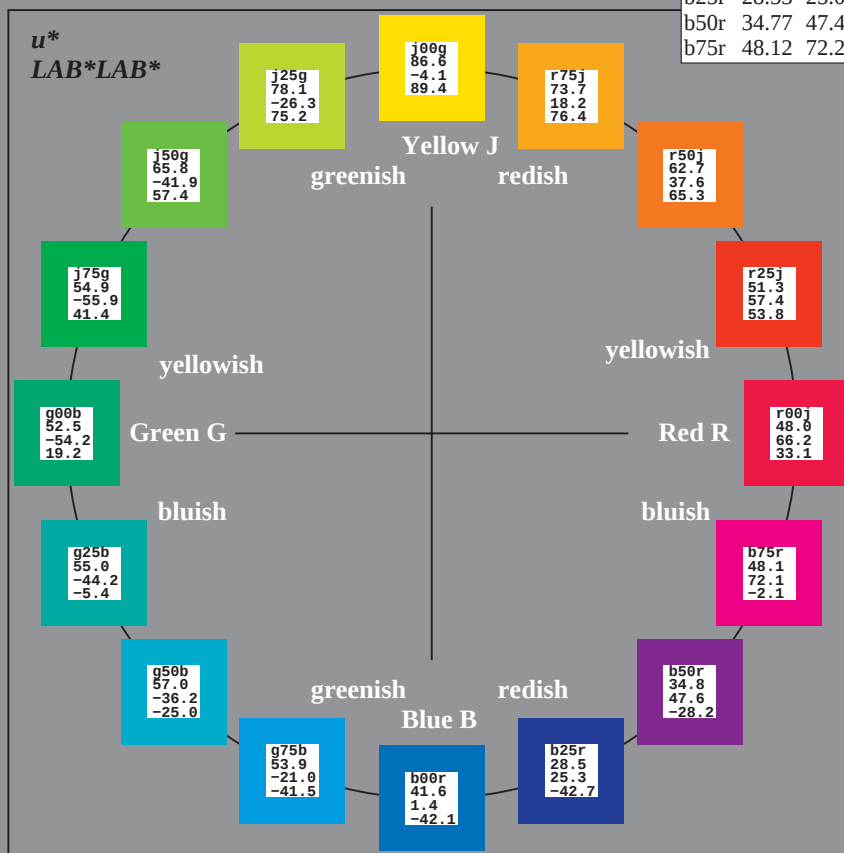
Input and output:
Colorimetric Printer Reflective System ORS20_95aM
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
u = 16 hues r00j, r25j, ..., b75r*
contrast reduction factor:
 $c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



%Gamut
 $u^*_{rel} = 87$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS20_95M; CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

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

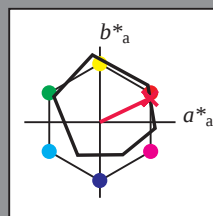
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 66 32

$LAB^*LCH^*_{Ma}$: 48 73 25

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

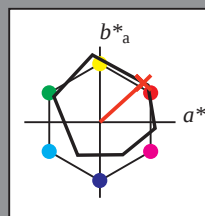
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB \cdot LAB^*_{Ma}$: 51 58 52

$LAB \cdot LCH^*_{Ma}$: 51 78 42

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

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

triangle lightness t^*

%Gamut

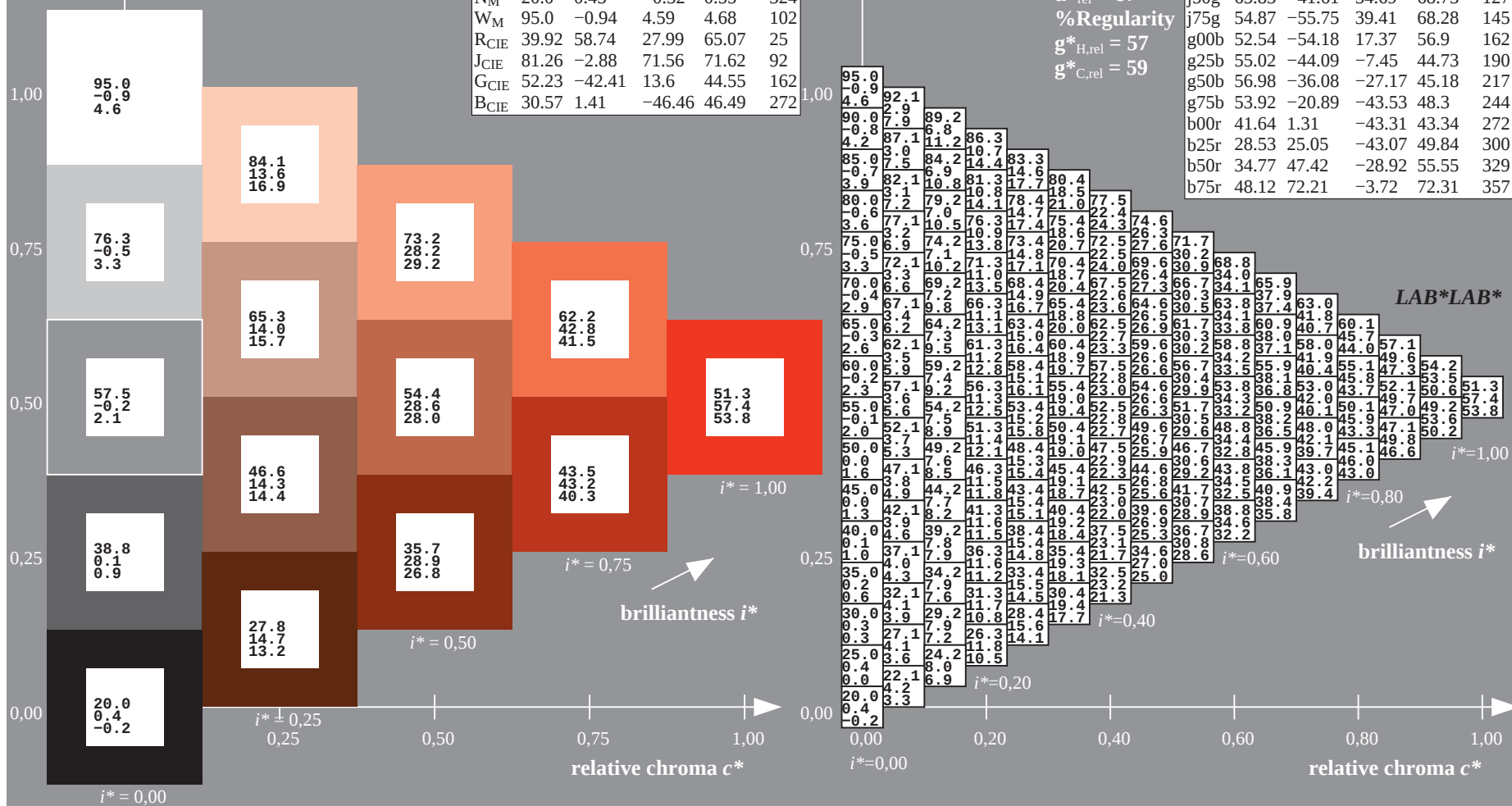
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

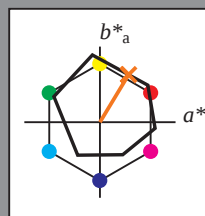
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB \cdot LAB^*_{Ma}$: 63 38 63

$LAB \cdot LCH^*_{Ma}$: 63 73 59

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

$lab \cdot olv^*_{Ma}$: 1.0 0.35 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-45.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

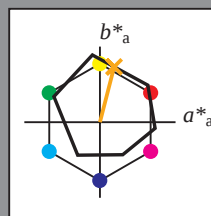
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB \cdot LAB^*_{Ma}$: 74 19 73

$LAB \cdot LCH^*_{Ma}$: 74 76 76

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

$lab \cdot olv^*_{Ma}$: 1.0 0.61 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

$LAB \cdot LAB^*$

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

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

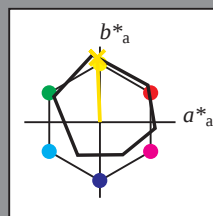
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 87 -2 85

$LAB^*LCH^*_{Ma}$: 87 85 92

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-43.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

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

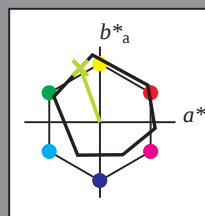
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 78 -25 72

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

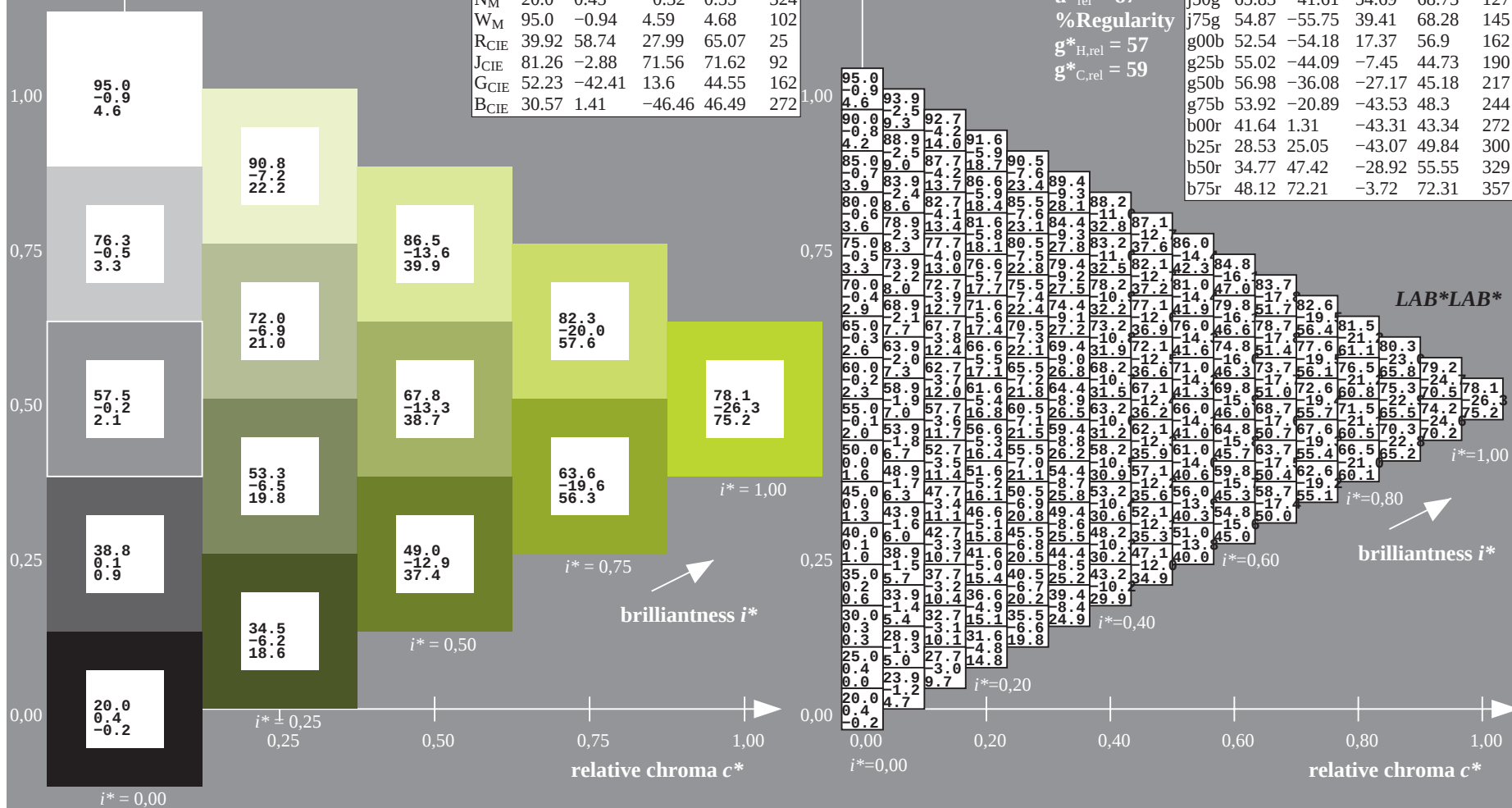
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-45.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

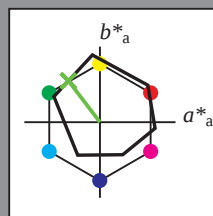
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB \cdot LAB^*_{Ma}$: 66 -41 55

$LAB \cdot LCH^*_{Ma}$: 66 69 127

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

$lab \cdot olv^*_{Ma}$: 0.38 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

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

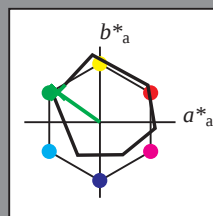
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

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

$LAB^*LCH^*_{Ma}$: 55 68 145

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

$lab^*olv^*_{Ma}$: 0.1 1.0 0.0

triangle lightness t^*

%Gamut

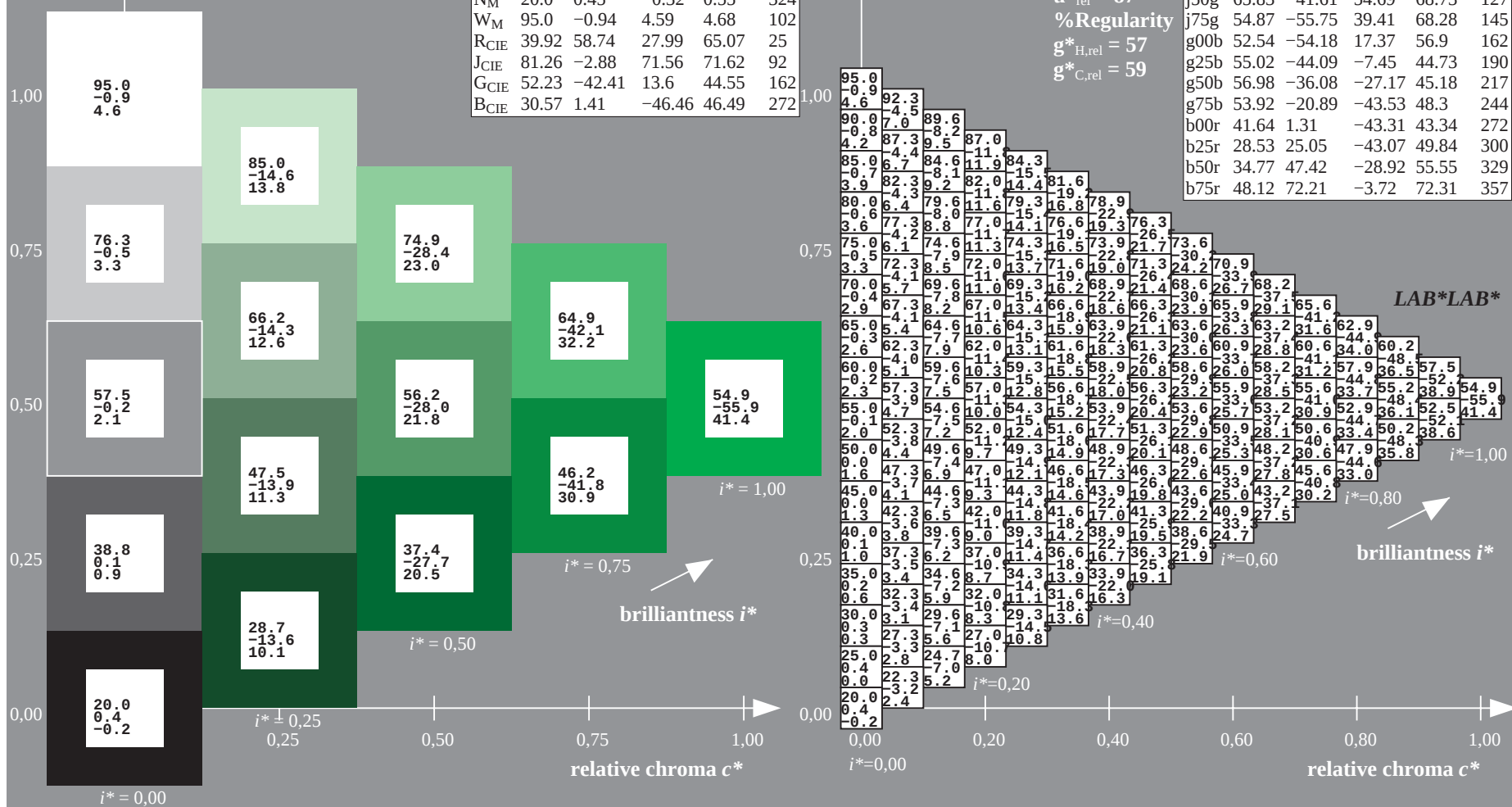
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

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

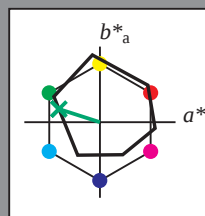
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 53 -53 17

$LAB^*LCH^*_{Ma}$: 53 57 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.21

triangle lightness t^*

%Gamut

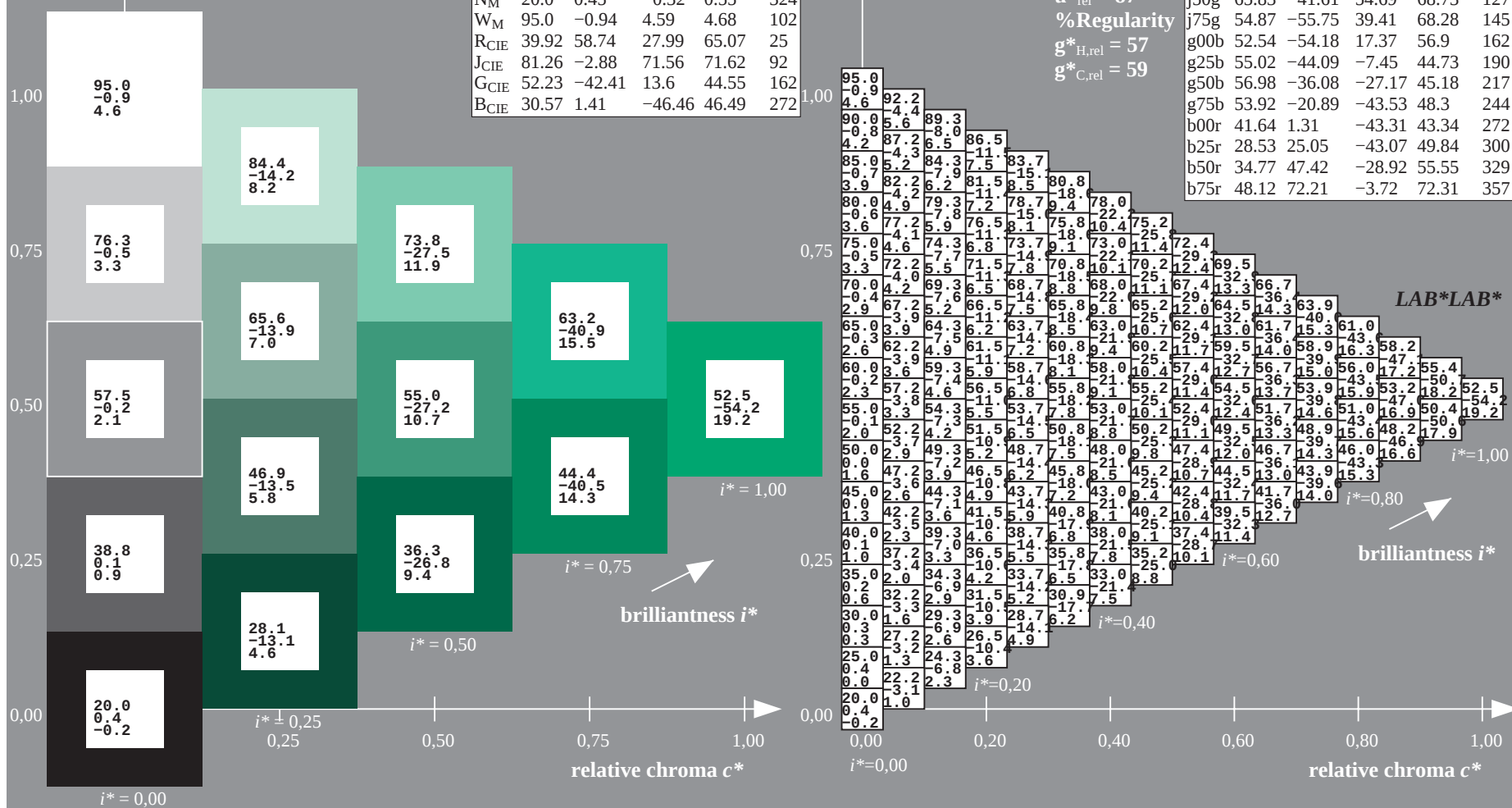
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

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

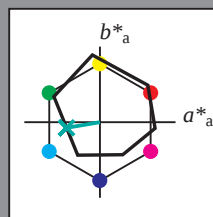
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 55 -43 -6

$LAB^*LCH^*_{Ma}$: 55 45 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.53

triangle lightness t^*

%Gamut

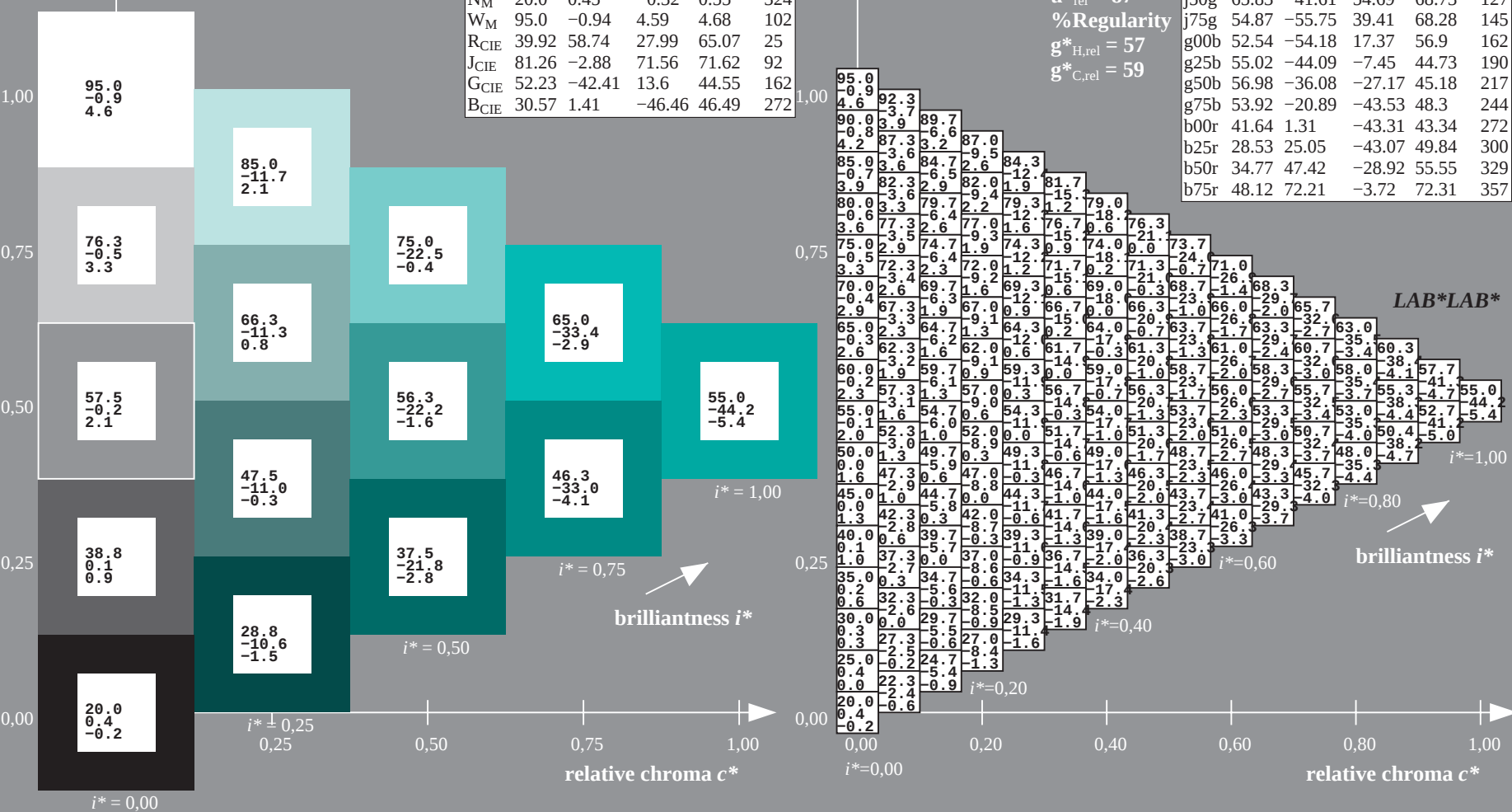
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

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

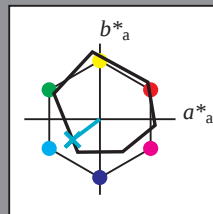
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 57 -35 -26

$LAB^*LCH^*_{Ma}$: 57 45 217

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

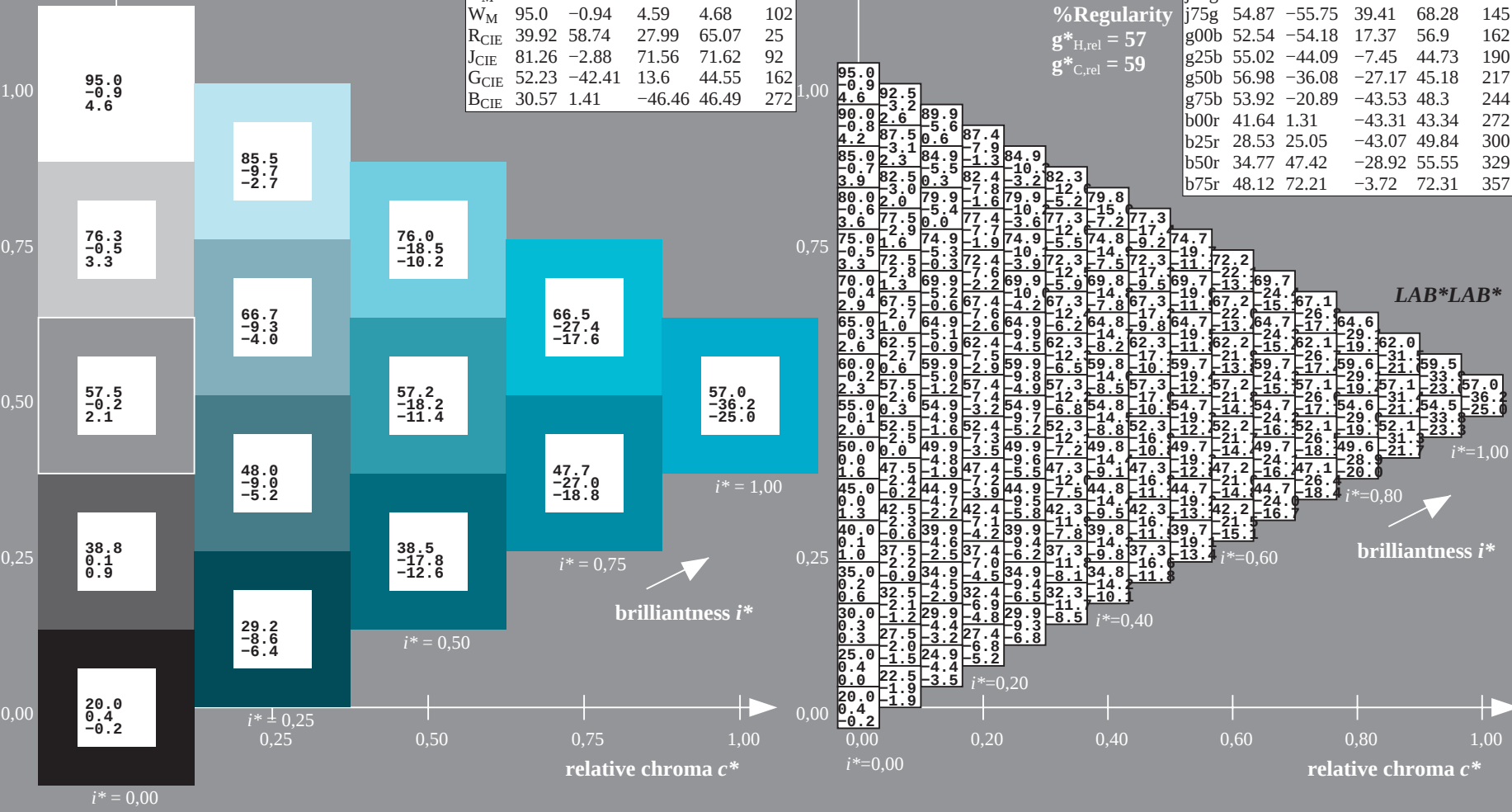
%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-45.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

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

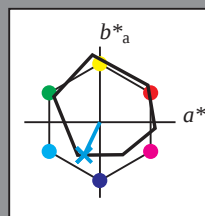
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 -20 -43

$LAB^*LCH^*_{Ma}$: 54 48 244

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

$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De.HTM
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=1

BAM registration: 20080701-De95/10/LJ95E00NP.PS/.PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor systems

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$ data for any colour: Data for maximum colour (Ma):

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

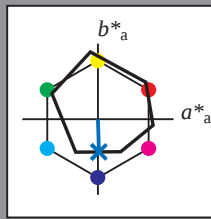
elementary hue text:

$$u^* = b_{00}r$$

contrast reduction factor:

 $c_R = 0.97$ triangle lightness t^*

Figure 6



ORS20_95M; CIELAB data					
	L^*_{M}	a^*_{M}	b^*_{M}	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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}: 42 1 -42

*LAB*LCH**_{Ma}: 42 43 272

lab*rqb*Ma: 0.0 0.0 1.0

lab*olv*_Ma: 0.0 0.48 1.0

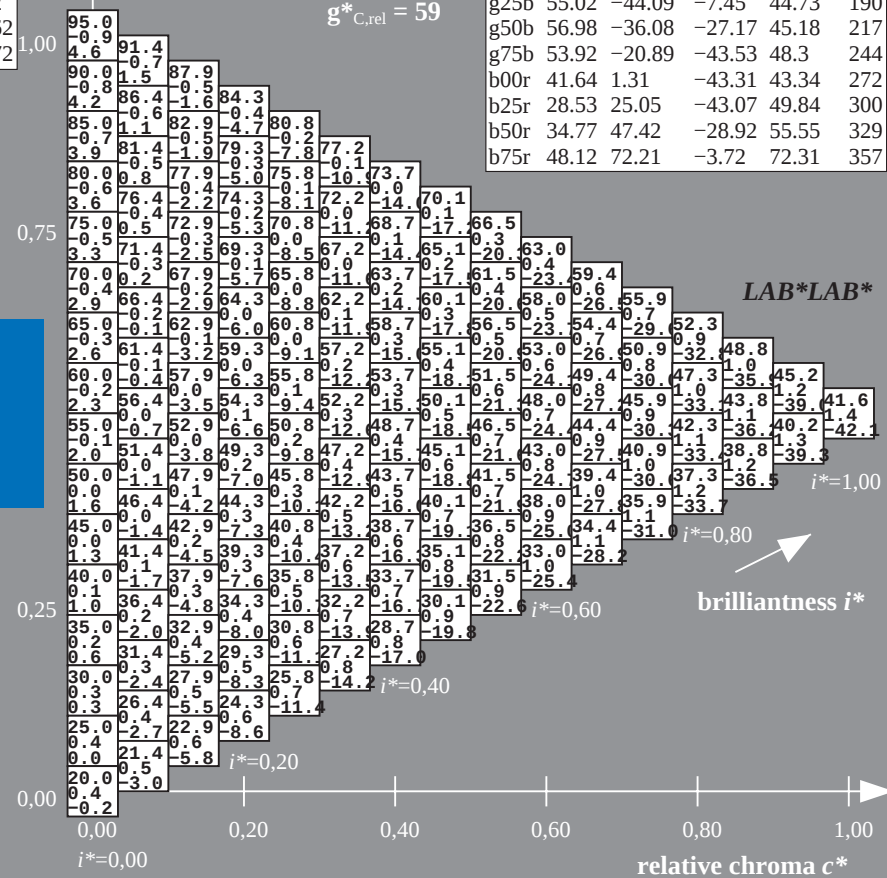
triangle lightness t^*

Figure 6

%Gamut

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

%Regularity

$$g^*_{H,rel} = 57$$
$$g^*_{C,rel} = 59$$


*LAB*LAB**

 $i^* = 1,00$ brilliantness i^*

BAM-test chart De95; Colorimetric systems, Page 140/180
colour scales and 8 data tables for 16 hues *r00j* to *b75r*

```
input: 000n / w / nnn0 / www set...
output: ->cmyn5* setcmykcolor
```

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

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

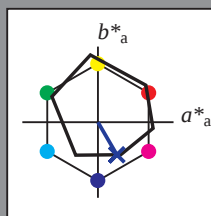
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 29 25 -42

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

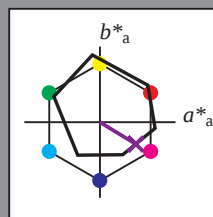
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 47 -28

$LAB^*LCH^*_{Ma}$: 35 56 329

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

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

triangle lightness t^*

%Gamut

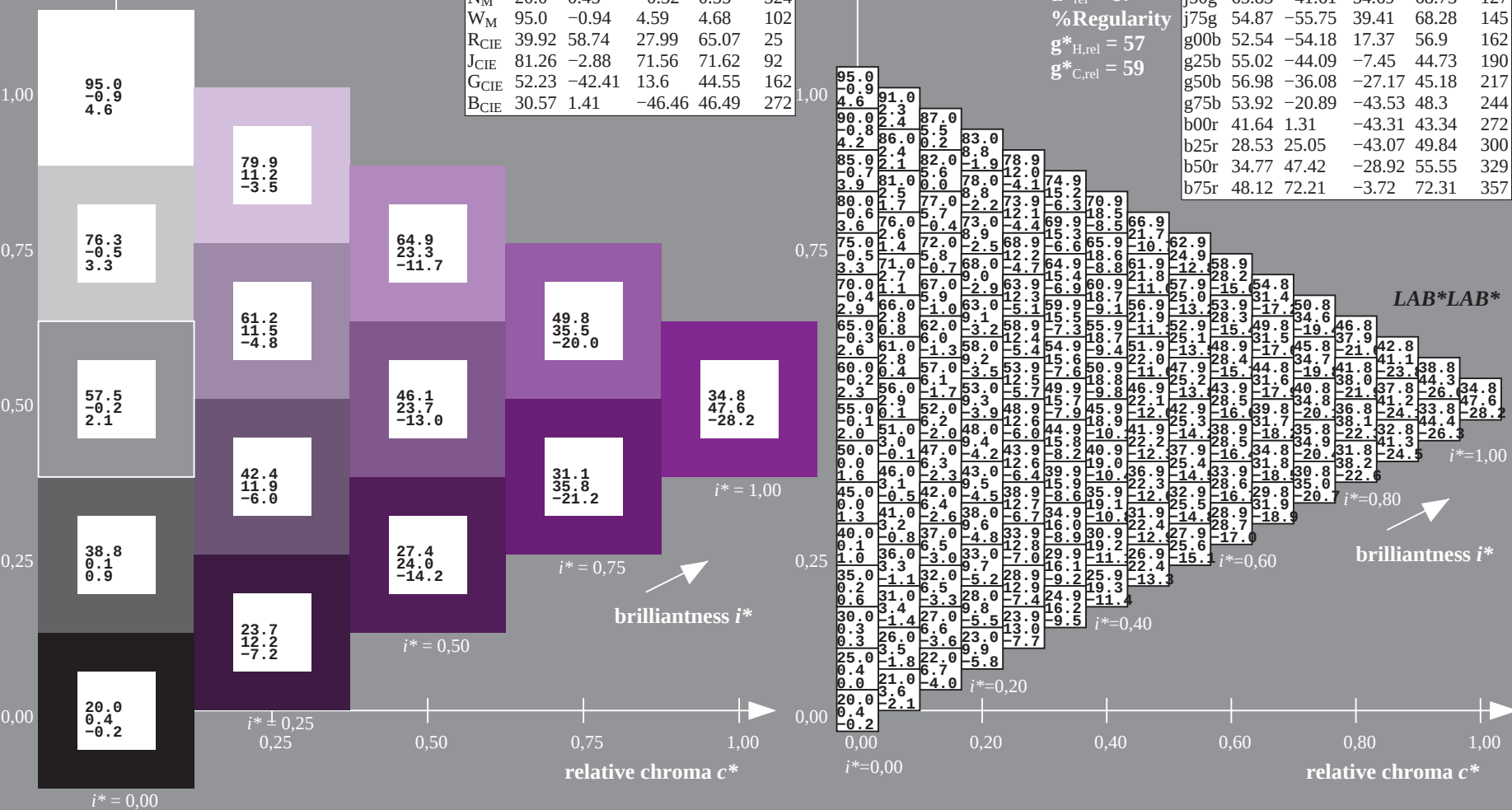
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

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

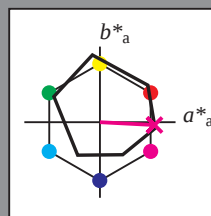
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95M; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 72 -3

$LAB^*LCH^*_{Ma}$: 48 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

triangle lightness t^*

%Gamut

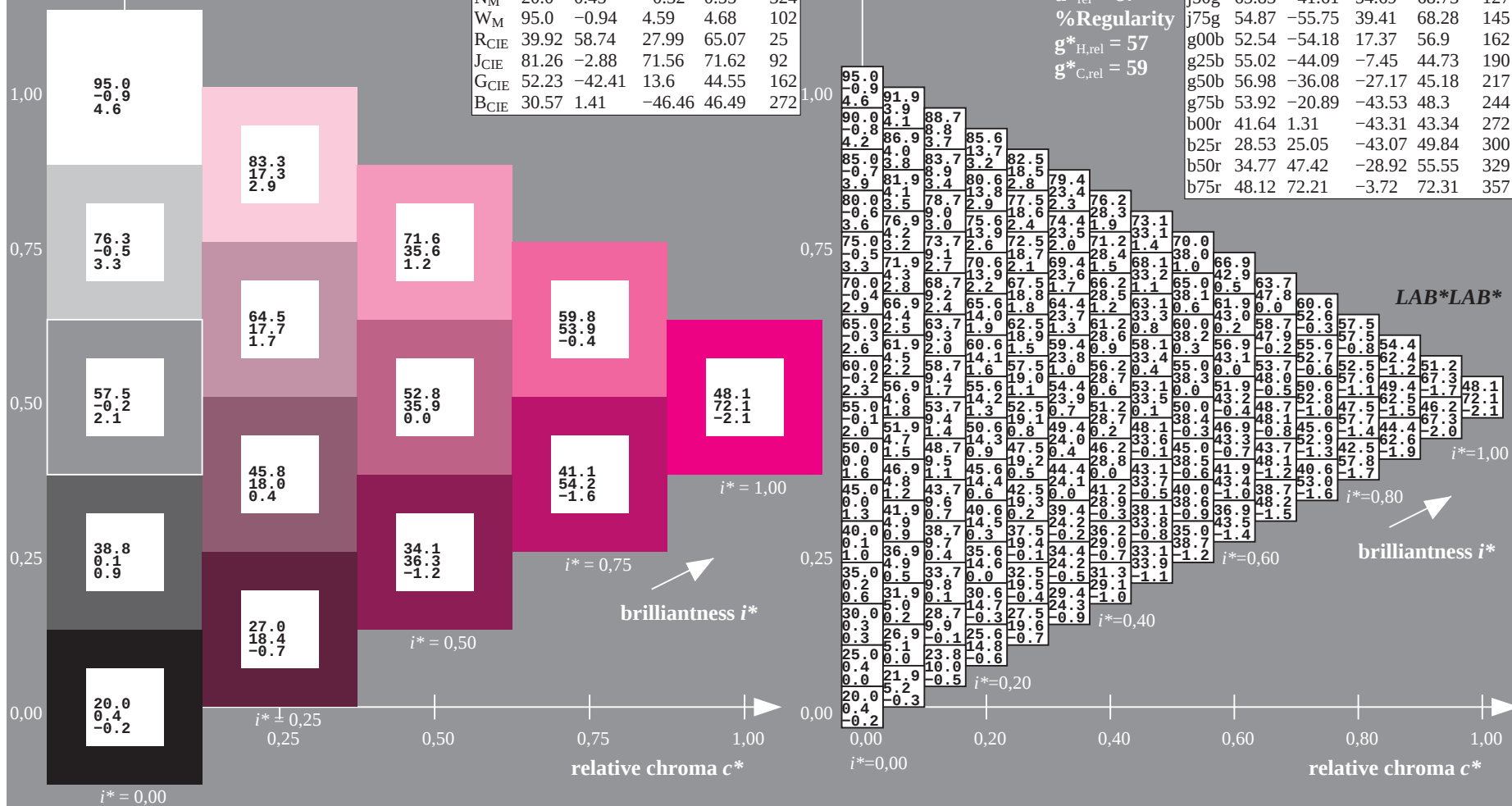
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-45.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De95/10L/L95E00NP.PS/.PDF
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=1

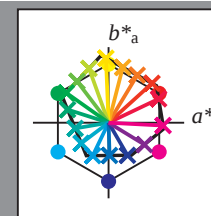
BAM registration: 20080701-De95/10L/L95E00NP.PS/.PDF BAM material: code=rhadata
 application for evaluation and measurement of printer or monitor systems

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
01	28.0	23.9	27.7	31.6	35.5	39.3	43.2	47.0	50.9	54.8	58.7	62.5	66.4	70.2	74.1	78.0	81.9	85.8	89.7	93.6	97.5	101.4	105.3	109.2	113.1	117.0	120.9	124.8	128.7	132.6	136.5	140.4	144.3	148.2	152.1	156.0	159.9	163.8	167.7	171.6	175.5	179.4	183.3	187.2	191.1	195.0	198.9	202.8	206.7	210.6	214.5	218.4	222.3	226.2	230.1	234.0	237.9	241.8	245.7	249.6	253.5	257.4	261.3	265.2	269.1	273.0	276.9	280.8	284.7	288.6	292.5	296.4	300.3	304.2	308.1	312.0	315.9	319.8	323.7	327.6	331.5	335.4	339.3	343.2	347.1	351.0	354.9	358.8	362.7	366.6	370.5	374.4	378.3	382.2	386.1	390.0	393.9	397.8	401.7	405.6	409.5	413.4	417.3	421.2	425.1	429.0	432.9	436.8	440.7	444.6	448.5	452.4	456.3	460.2	464.1	468.0	471.9	475.8	479.7	483.6	487.5	491.4	495.3	499.2	503.1	507.0	510.9	514.8	518.7	522.6	526.5	530.4	534.3	538.2	542.1	546.0	549.9	553.8	557.7	561.6	565.5	569.4	573.3	577.2	581.1	585.0	588.9	592.8	596.7	600.6	604.5	608.4	612.3	616.2	620.1	624.0	627.9	631.8	635.7	639.6	643.5	647.4	651.3	655.2	659.1	663.0	666.9	670.8	674.7	678.6	682.5	686.4	690.3	694.2	698.1	702.0	705.9	709.8	713.7	717.6	721.5	725.4	729.3	733.2	737.1	741.0	744.9	748.8	752.7	756.6	760.5	764.4	768.3	772.2	776.1	780.0	783.9	787.8	791.7	795.6	799.5	803.4	807.3	811.2	815.1	819.0	822.9	826.8	830.7	834.6	838.5	842.4	846.3	850.2	854.1	858.0	861.9	865.8	869.7	873.6	877.5	881.4	885.3	889.2	893.1	897.0	900.9	904.8	908.7	912.6	916.5	920.4	924.3	928.2	932.1	936.0	939.9	943.8	947.7	951.6	955.5	959.4	963.3	967.2	971.1	975.0	978.9	982.8	986.7	990.6	994.5	998.4	1002.3	1006.2	1010.1	1014.0	1017.9	1021.8	1025.7	1029.6	1033.5	1037.4	1041.3	1045.2	1049.1	1053.0	1056.9	1060.8	1064.7	1068.6	1072.5	1076.4	1080.3	1084.2	1088.1	1092.0	1095.9	1099.8	1103.7	1107.6	1111.5	1115.4	1119.3	1123.2	1127.1	1131.0	1134.9	1138.8	1142.7	1146.6	1150.5	1154.4	1158.3	1162.2	1166.1	1170.0	1173.9	1177.8	1181.7	1185.6	1189.5	1193.4	1197.3	1201.2	1205.1	1209.0	1212.9	1216.8	1220.7	1224.6	1228.5	1232.4	1236.3	1240.2	1244.1	1248.0	1251.9	1255.8	1259.7	1263.6	1267.5	1271.4	1275.3	1279.2	1283.1	1287.0	1290.9	1294.8	1298.7	1302.6	1306.5	1310.4	1314.3	1318.2	1322.1	1326.0	1329.9	1333.8	1337.7	1341.6	1345.5	1349.4	1353.3	1357.2	1361.1	1365.0	1368.9	1372.8	1376.7	1380.6	1384.5	1388.4	1392.3	1396.2	1400.1	1404.0	1407.9	1411.8	1415.7	1419.6	1423.5	1427.4	1431.3	1435.2	1439.1	1443.0	1446.9	1450.8	1454.7	1458.6	1462.5	1466.4	1470.3	1474.2	1478.1	1482.0	1485.9	1489.8	1493.7	1497.6	1501.5	1505.4	1509.3	1513.2	1517.1	1521.0	1524.9	1528.8	1532.7	1536.6	1540.5	1544.4	1548.3	1552.2	1556.1	1560.0	1563.9	1567.8	1571.7	1575.6	1579.5	1583.4	1587.3	1591.2	1595.1	1599.0	1602.9	1606.8	1610.7	1614.6	1618.5	1622.4	1626.3	1630.2	1634.1	1638.0	1641.9	1645.8	1649.7	1653.6	1657.5	1661.4	1665.3	1669.2	1673.1	1677.0	1680.9	1684.8	1688.7	1692.6	1696.5	1700.4	1704.3	1708.2	1712.1	1716.0	1719.9	1723.8	1727.7	1731.6	1735.5	1739.4	1743.3	1747.2	1751.1	1755.0	1758.9	1762.8	1766.7	1770.6	1774.5	1778.4	1782.3	1786.2	1790.1	1794.0	1797.9	1801.8	1805.7	1809.6	1813.5	1817.4	1821.3	1825.2	1829.1	1833.0	1836.9	1840.8	1844.7	1848.6	1852.5	1856.4	1860.3	1864.2	1868.1	1872.0	1875.9	1879.8	1883.7	1887.6	1891.5	1895.4	1899.3	1903.2	1907.1	1911.0	1914.9	1918.8	1922.7	1926.6	1930.5	1934.4	1938.3	1942.2	1946.1	1950.0	1953.9	1957.8	1961.7	1965.6	1969.5	1973.4	1977.3	1981.2	1985.1	1989.0	1992.9	1996.8	2000.7	2004.6	2008.5	2012.4	2016.3	2020.2	2024.1	2028.0	2031.9	2035.8	2039.7	2043.6	2047.5	2051.4	2055.3	2059.2	2063.1	2067.0	2070.9	2074.8	2078.7	2082.6	2086.5	2090.4	2094.3	2098.2	2102.1	2106.0	2109.9	2113.8	2117.7	2121.6	2125.5	2129.4	2133.3	2137.2	2141.1	2145.0	2148.9	2152.8	2156.7	2160.6	2164.5	2168.4	2172.3	2176.2	2180.1	2184.0	2187.9	2191.8	2195.7	2199.6	2203.5	2207.4	2211.3	2215.2	2219.1	2223.0	2226.9	2230.8	2234.7	2238.6	2242.5	2246.4	2250.3	2254.2	2258.1	2262.0	2265.9	2269.8	2273.7	2277.6	2281.5	2285.4	2289.3	2293.2	2297.1	2301.0	2304.9	2308.8	2312.7	2316.6	2320.5	2324.4	2328.3	2332.2	2336.1	2340.0	2343.9	2347.8	2351.7	2355.6	2359.5	2363.4	2367.3	2371.2	2375.1	2379.0	2382.9	2386.8	2390.7	2394.6	2398.5	2402.4	2406.3	2410.2	2414.1	2418.0	2421.9	2425.8	2429.7	2433.6	2437.5	2441.4	2445.3	2449.2	2453.1	2457.0	2460.9	2464.8	2468.7	2472.6	2476.5	2480.4	2484.3	2488.2	2492.1	2496.0	2500.0	2503.9	2507.8	2511.7	2515.6	2519.5	2523.4	2527.3	2531.2	2535.1	2539.0	2542.9	2546.8	2550.7	2554.6	2558.5	2562.4	2566.3	2570.2	2574.1	2578.0	2581.9	2585.8	2589.7	2593.6	2597.5	2601.4	2605.3	2609.2	2613.1	2617.0	2620.9	2624.8	2628.7	2632.6	2636.5	2640.4	2644.3	2648.2	2652.1	2656.0	2659.9	2663.8	2667.7	2671.6	2675.5	2679.4	2683.3	2687.2	2691.1	2695.0	2698.9	2702.8	2706.7	2710.6	2714.5	2718.4	2722.3	2726.2	2730.1	2734.0	2737.9	2741.8	2745.7	2749.6	2753.5	2757.4	2761.3	2765.2	2769.1	2773.0	2776.9	2780.8	2784.7	2788.6	2792.5	2796.4	2800.3	2804.2	2808.1	2812.0	2815.9	2819.8	2823.7	2827.6	2831.5	2835.4	2839.3	2843.2	2847.1	2851.0	2854.9	2858.8	2862.7	2866.6	2870.5	2874.4	2878.3	2882.2	2886.1	2890.0	2893.9	2897.8	2901.7	2905.6	2909.5	2913.4	2917.3	2921.2	2925.1	2929.0	2932.9	2936.8	2940.7	2944.6	2948.5	2952.4	2956.3	2960.2	2964.1	2968.0	2971.9	2975.8	2979.7	2983.6	2987.5	2991.4	2995.3	2999.2	3003.1	3007.0	3010.9	3014.8	3018.7	3022.6	3026.5	3030.4	3034.3	3038.2	3042.1	3046.0	3049.9	3053.8	3057.7	3061.6	3065.5	3069.4	3073.3	3077.2	3081.1	3085.0	3088.9	3092.8	3096.7	3100.6	3104.5	3108.4	3112.3	3116.2	3120.1	3124.0	3127.9	3131.8	3135.7	3139.6	3143.5	3147.4	3151.3	3155.2	3159.1	3163.0	3166.9	3170.8	3174.7	3178.6	3182.5	3186.4	3190.3	3194.2	3198.1	3202.0	3205.9	3209.8	3213.7	3217.6	3221.5	3225.4	3229.3	3233.2	3237.1	3241.0	3244.9	3248.8	3252.7	3256.6	3260.5	3264.4	3268.3	3272.2	3276.1	3280.0	3283.9	3287.8	3291.7	3295.6	3299.5	3303.4	3307.3	3311.2	3315.1	3319.0	3322.9	3326.8	3330.7	3334.6	3338.5	3342.4	3346.3	3350.2	3354.1	3358.0	3361.9	3365.8	3369.7	3373.6	3377.5	3381.4	3385.3	3389.2	3393.1	3397.0	3400.9	3404.8	3408.7	3412.6	3416.5	3420.4	3424.3	3428.2	3432.1	3436.0	3439.9	3443.8	3447.7	3451.6	3455.5	3459.4	3463.3	3467.2	3471.1	3475.0	3478.9	3482.8	3486.7	3490.6	3494.5	3498.4	3502.3	3506.2	3510.1	3514.0	3517.9	3521.8	3525.7	3529.6	3533.5	3537.4	3541.3	3545.2	3549.1	3553.0	3556.9	3560.8	3564.7	3568.6	3572.5	3576.4	3580.3	3584.2	3588.1	3592.0	3595.9	3599.8	3603.7	3607.6	3611.5	3615.4	3619.3	3623.2	3627.1	3631.0	3634.9

Input and output:
Colorimetric Printer Reflective System ORS20_95aM
data for any colour:

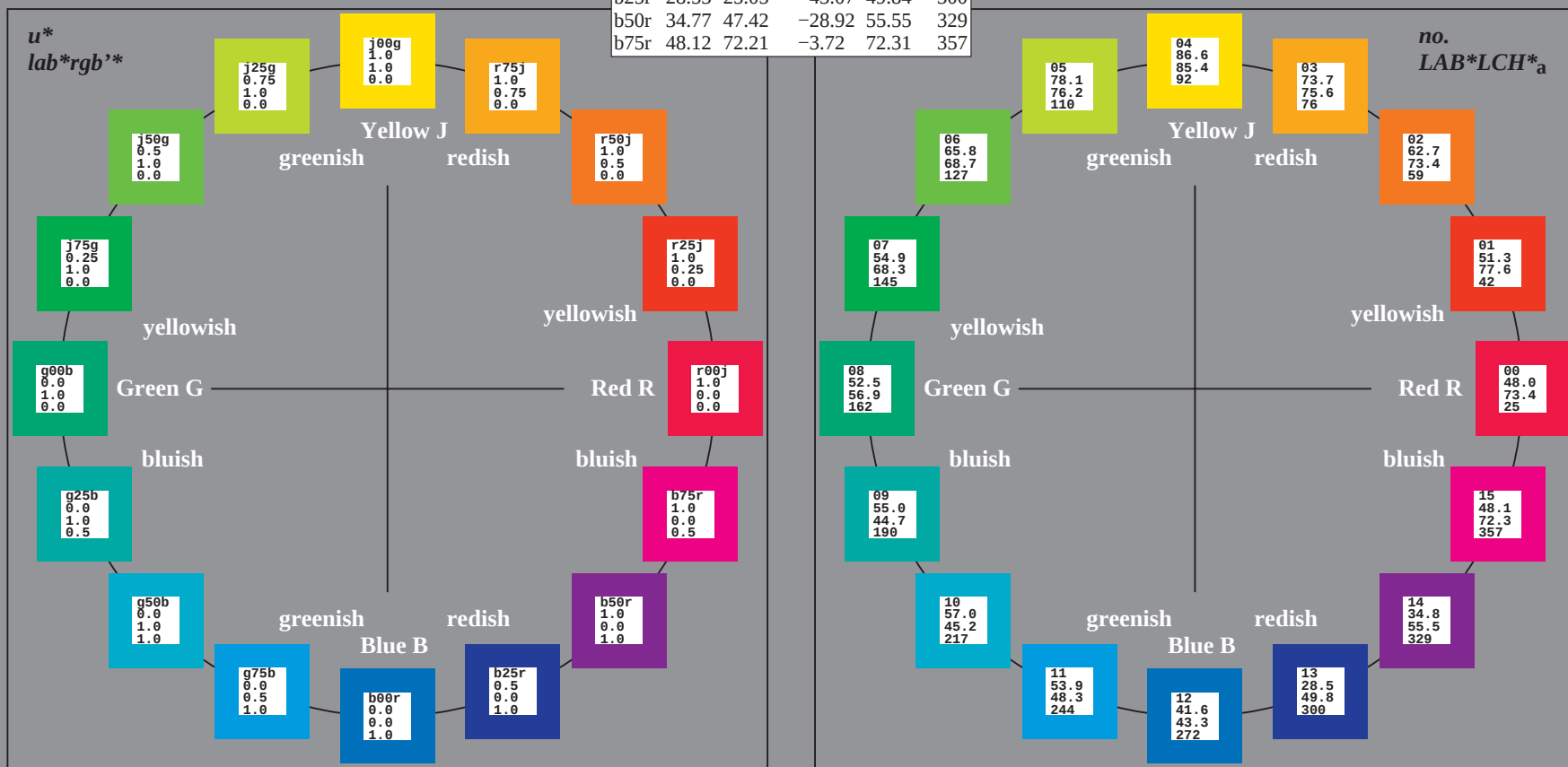
$lab*_{tch*}$ and $lab*_{icu*}$
elementary hue text:
 $u^* = 16$ hues $r00j$, $r25j$, ..., $b75r$
contrast reduction factor:
 $c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



%Gamut
 $u^*_{rel} = 87$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS20_95aM; CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

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

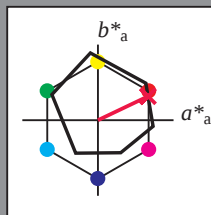
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 66 32

$LAB^*LCH^*_{Ma}$: 48 73 25

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

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

triangle lightness t^*

%Gamut

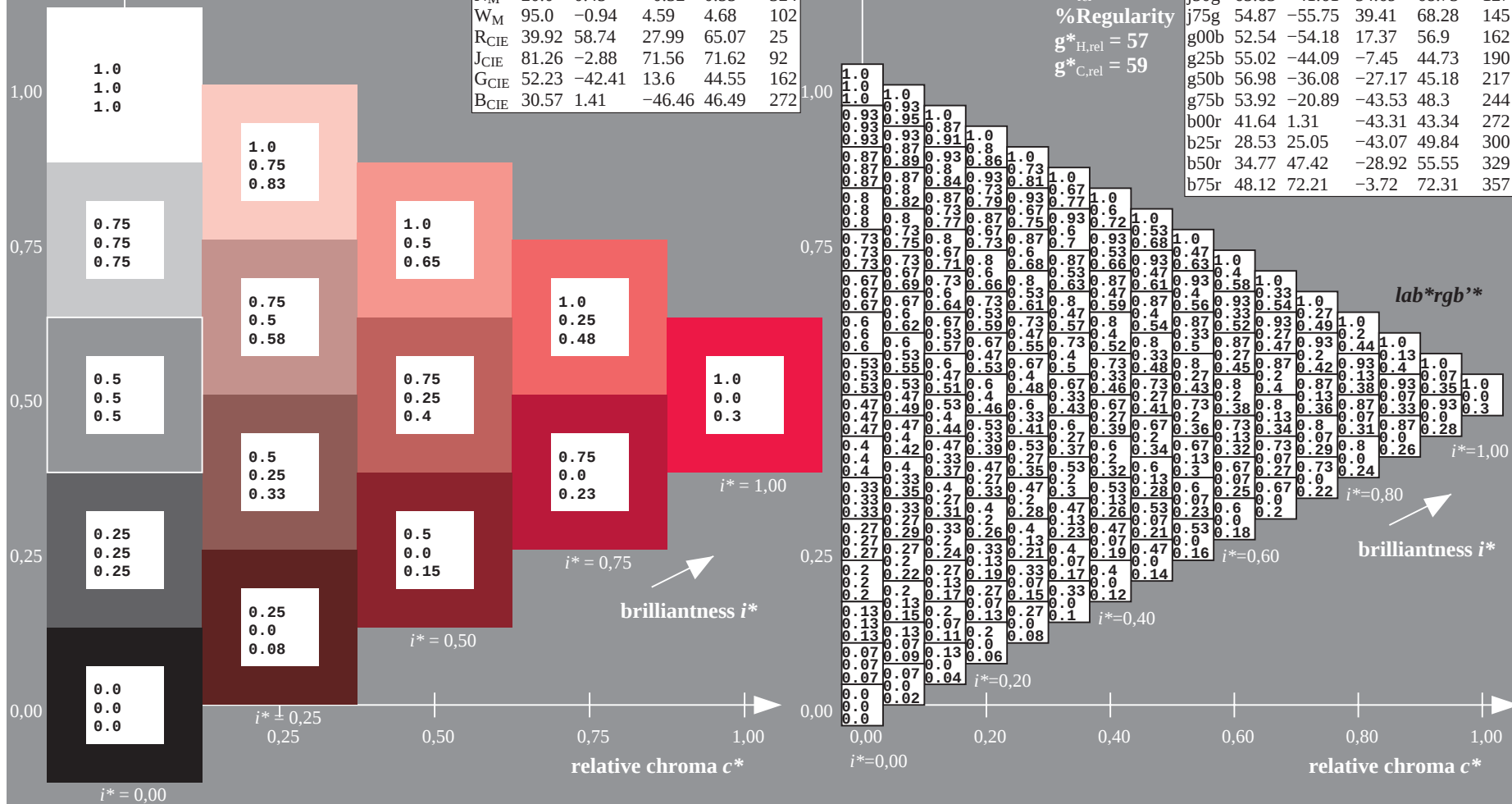
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

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

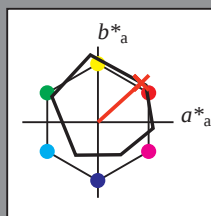
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 58 52

$LAB^*LCH^*_{Ma}$: 51 78 42

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

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

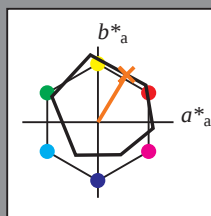
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 : 63 38 63

LAB^*LCH^*Ma : 63 73 59

lab^*rgb^*Ma : 1.0 0.5 0.0

lab^*olv^*Ma : 1.0 0.35 0.0

triangle lightness t^*

%Gamut

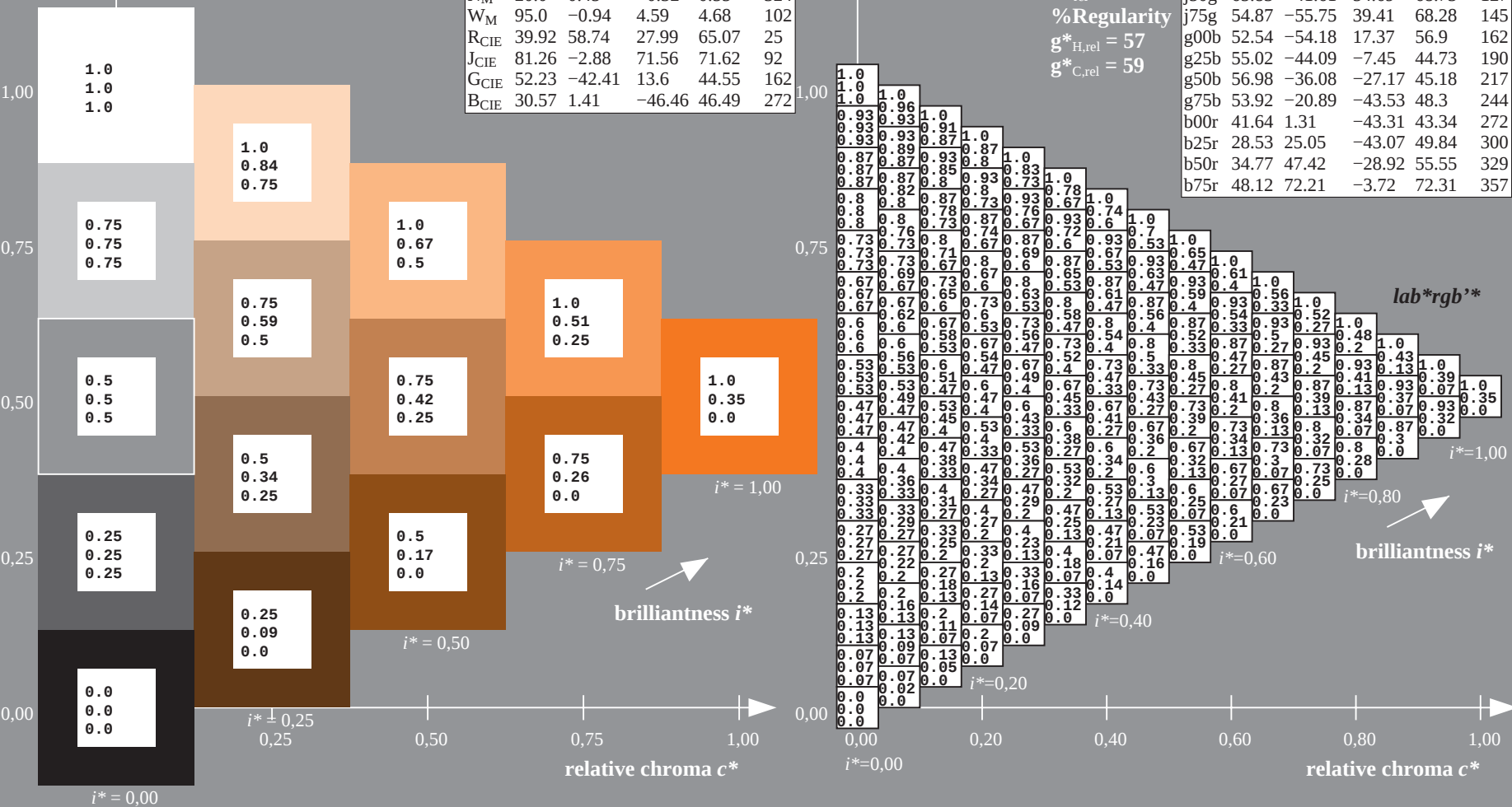
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

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

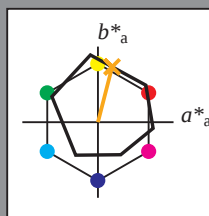
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 74 19 73

$LAB^*LCH^*_{Ma}$: 74 76 76

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

$lab^*olv^*_{Ma}$: 1.0 0.61 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

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

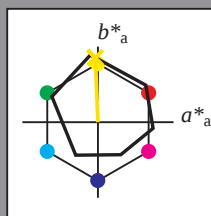
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 87 -2 85

$LAB^*LCH^*_{Ma}$: 87 85 92

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

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

triangle lightness t^*

%Gamut

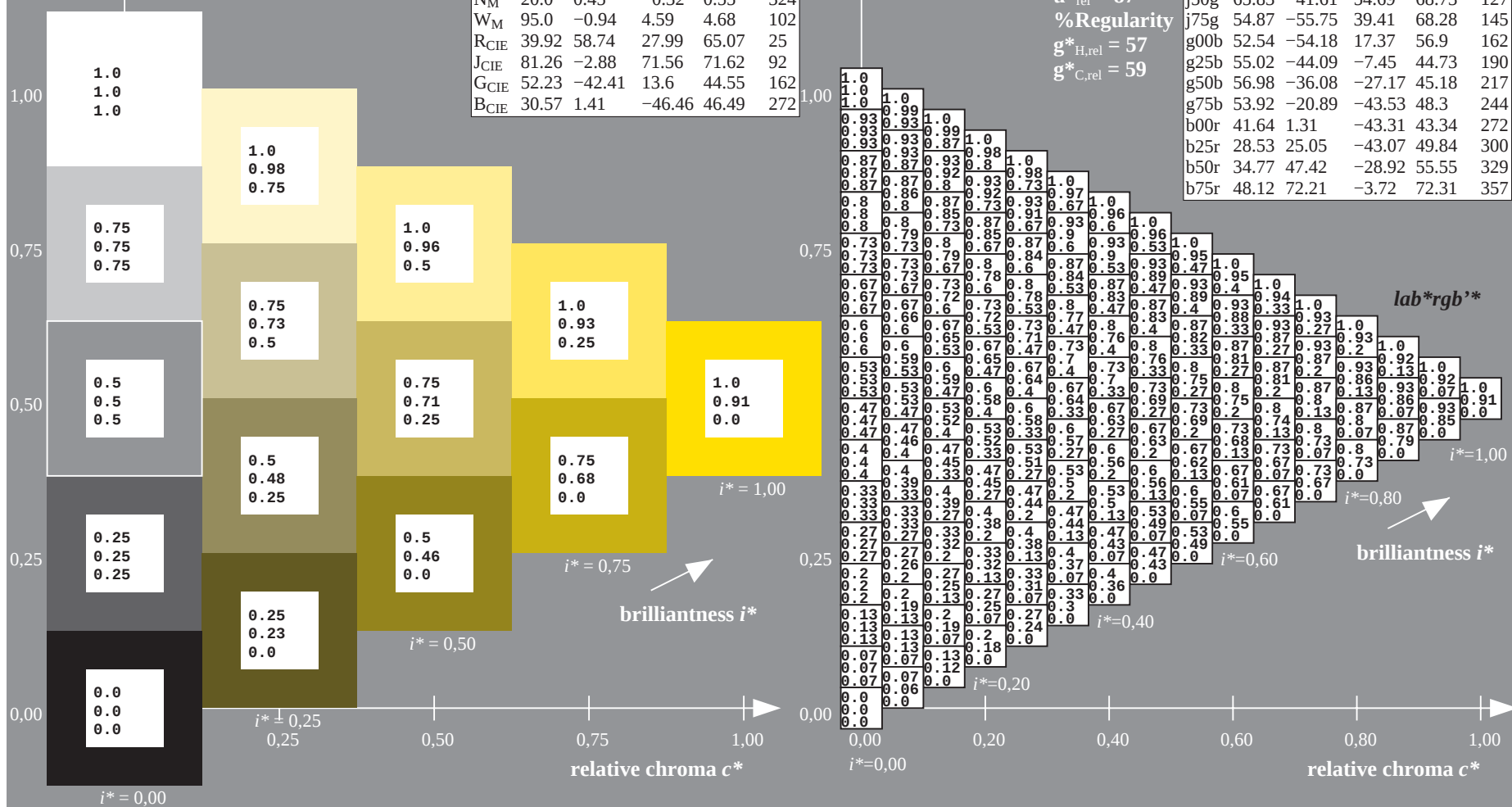
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

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

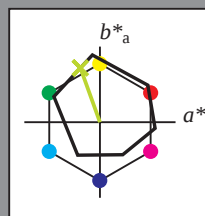
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 78 -25 72

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

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

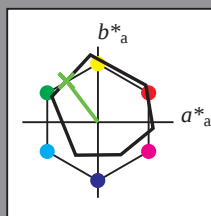
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 66 -41 55

$LAB^*LCH^*_{Ma}$: 66 69 127

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

$lab^*olv^*_{Ma}$: 0.38 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

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

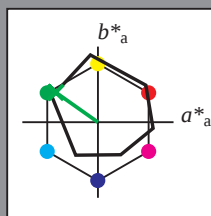
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

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

$LAB^*LCH^*_{Ma}$: 55 68 145

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

$lab^*olv^*_{Ma}$: 0.1 1.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

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

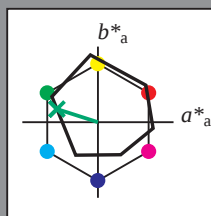
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 53 -53 17

$LAB^*LCH^*_{Ma}$: 53 57 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.21

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

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

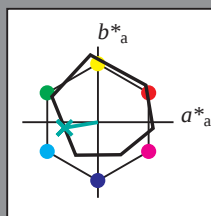
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 55 -43 -6

$LAB^*LCH^*_{Ma}$: 55 45 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.53

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

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

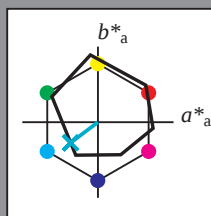
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 57 -35 -26

$LAB^*LCH^*_{Ma}$: 57 45 217

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

lab^*rgb^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

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

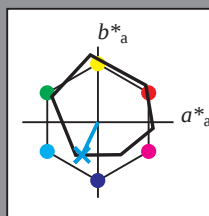
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 -20 -43

$LAB^*LCH^*_{Ma}$: 54 48 244

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

$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

triangle lightness t^*

%Gamut

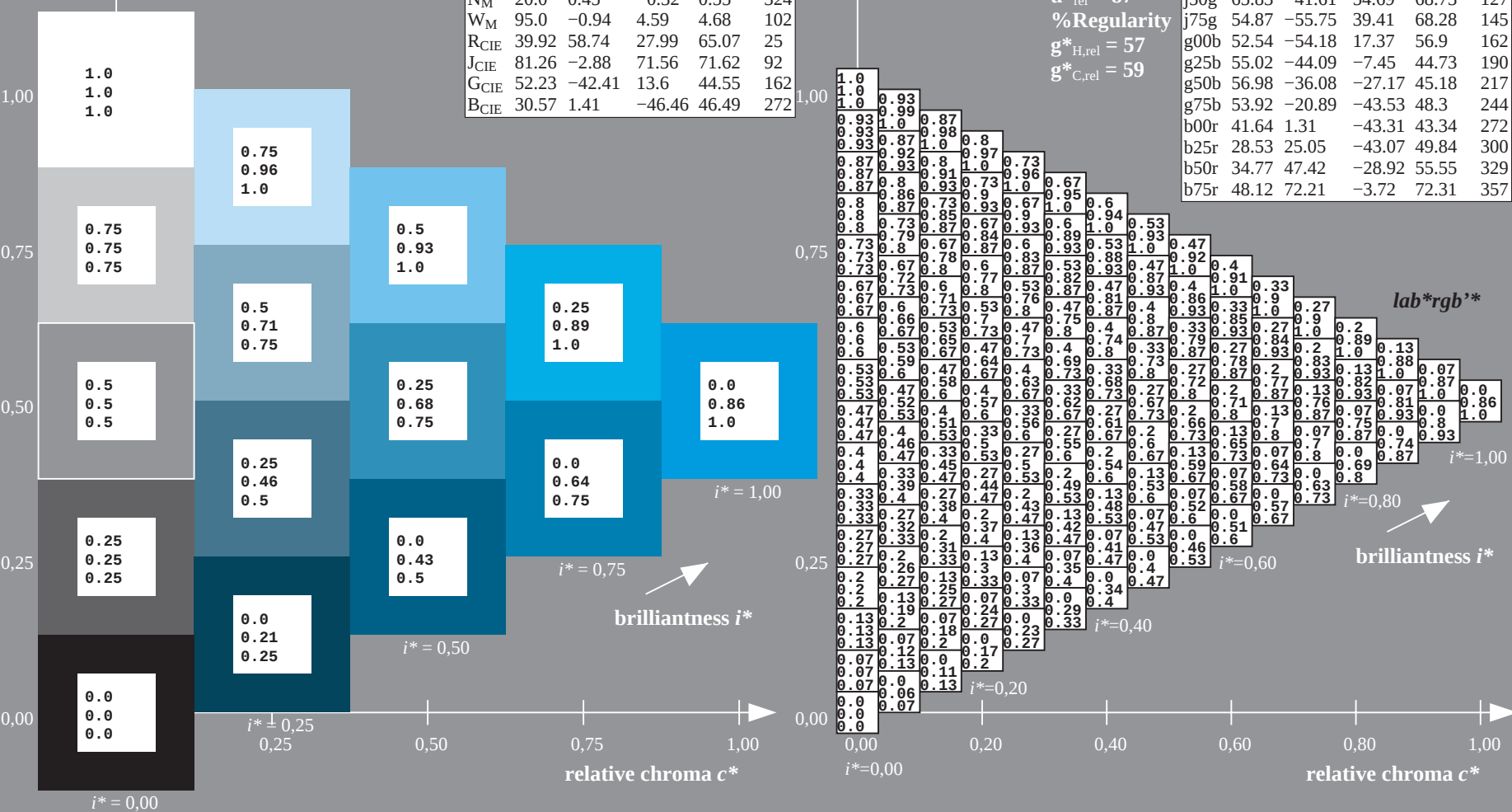
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

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

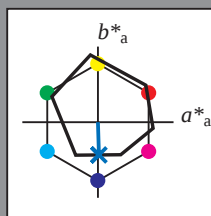
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 : 42 1 -42

LAB^*LCH^*Ma : 42 43 272

lab^*rgb^*Ma : 0.0 0.0 1.0

lab^*olv^*Ma : 0.0 0.48 1.0

triangle lightness t^*

%Gamut

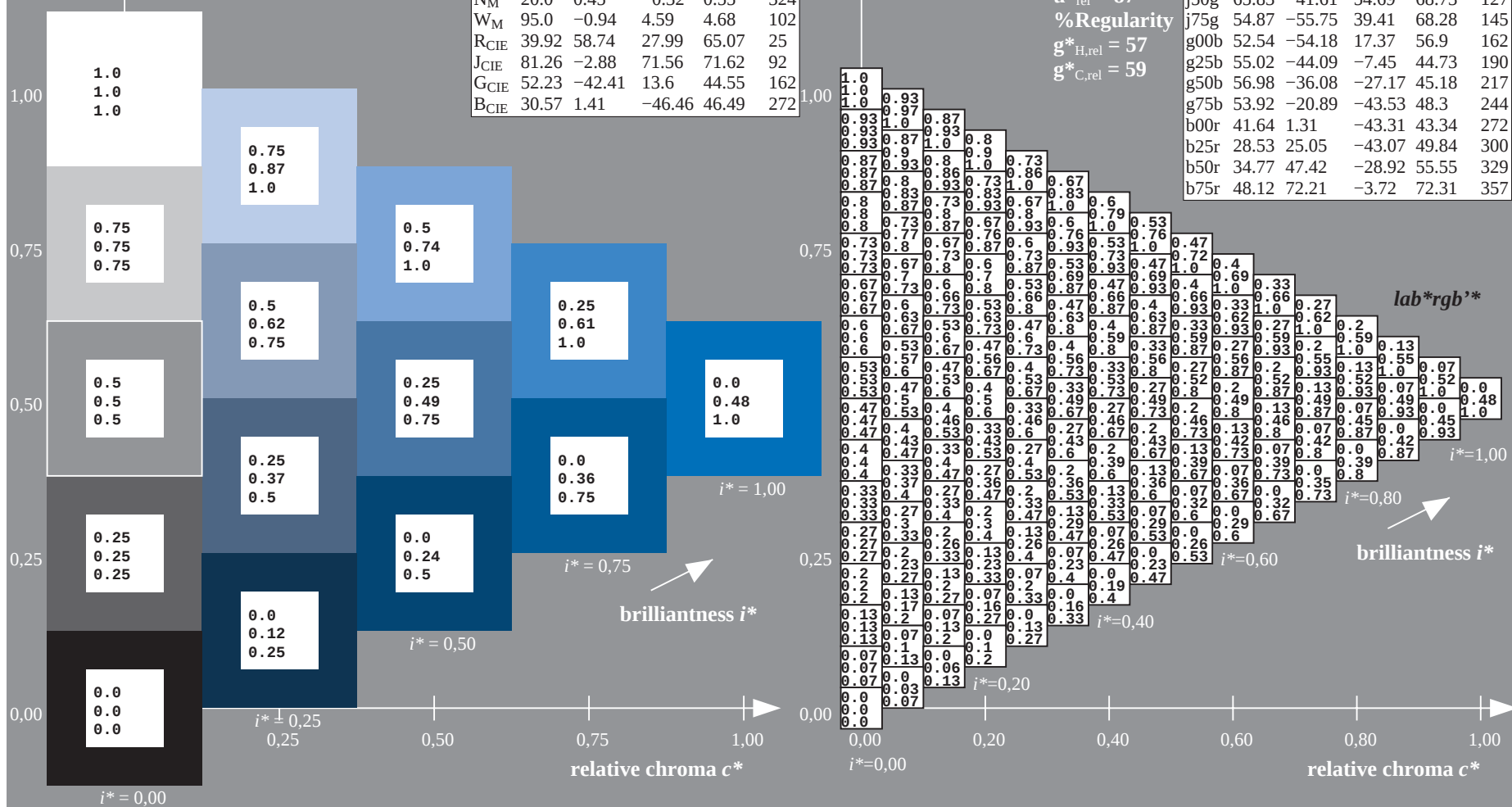
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

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

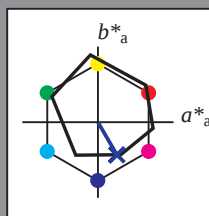
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 29 25 -42

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

triangle lightness t^*

%Gamut

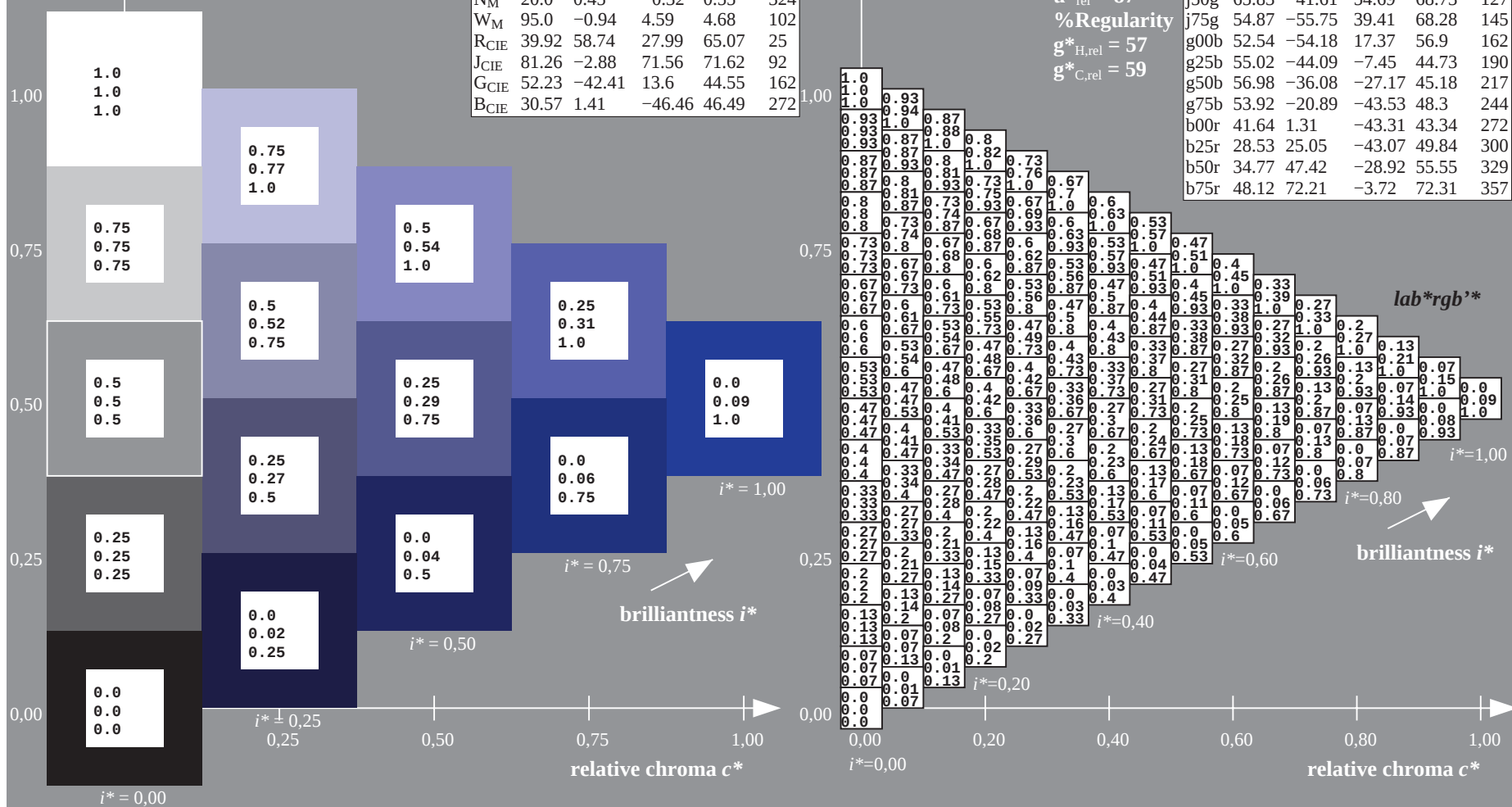
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

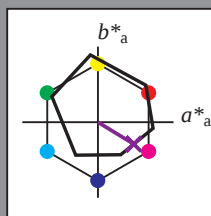
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 47 -28

$LAB^*LCH^*_{Ma}$: 35 56 329

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

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

triangle lightness t^*

%Gamut

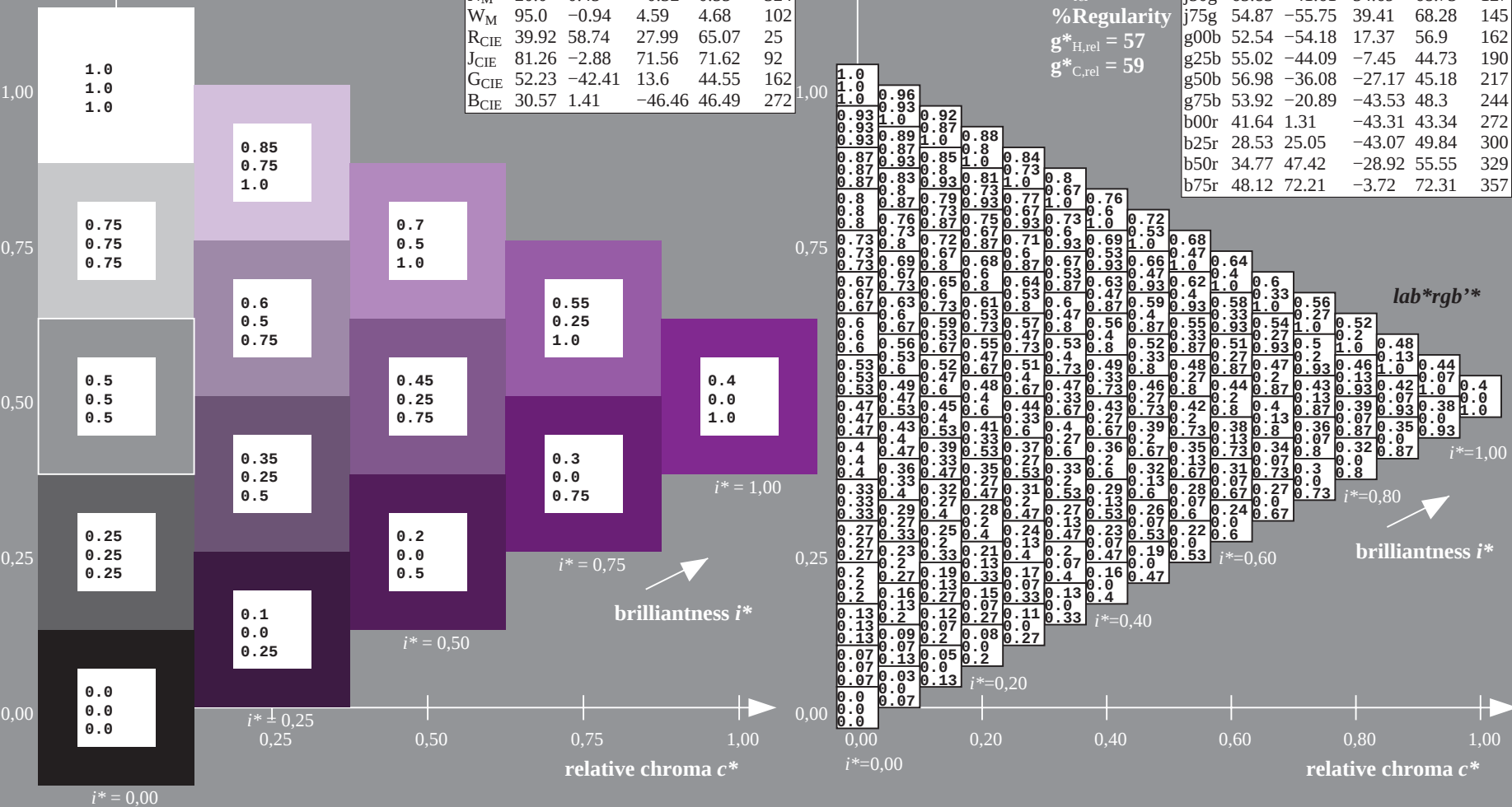
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

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

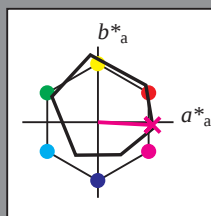
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 72 -3

$LAB^*LCH^*_{Ma}$: 48 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

triangle lightness t^*

%Gamut

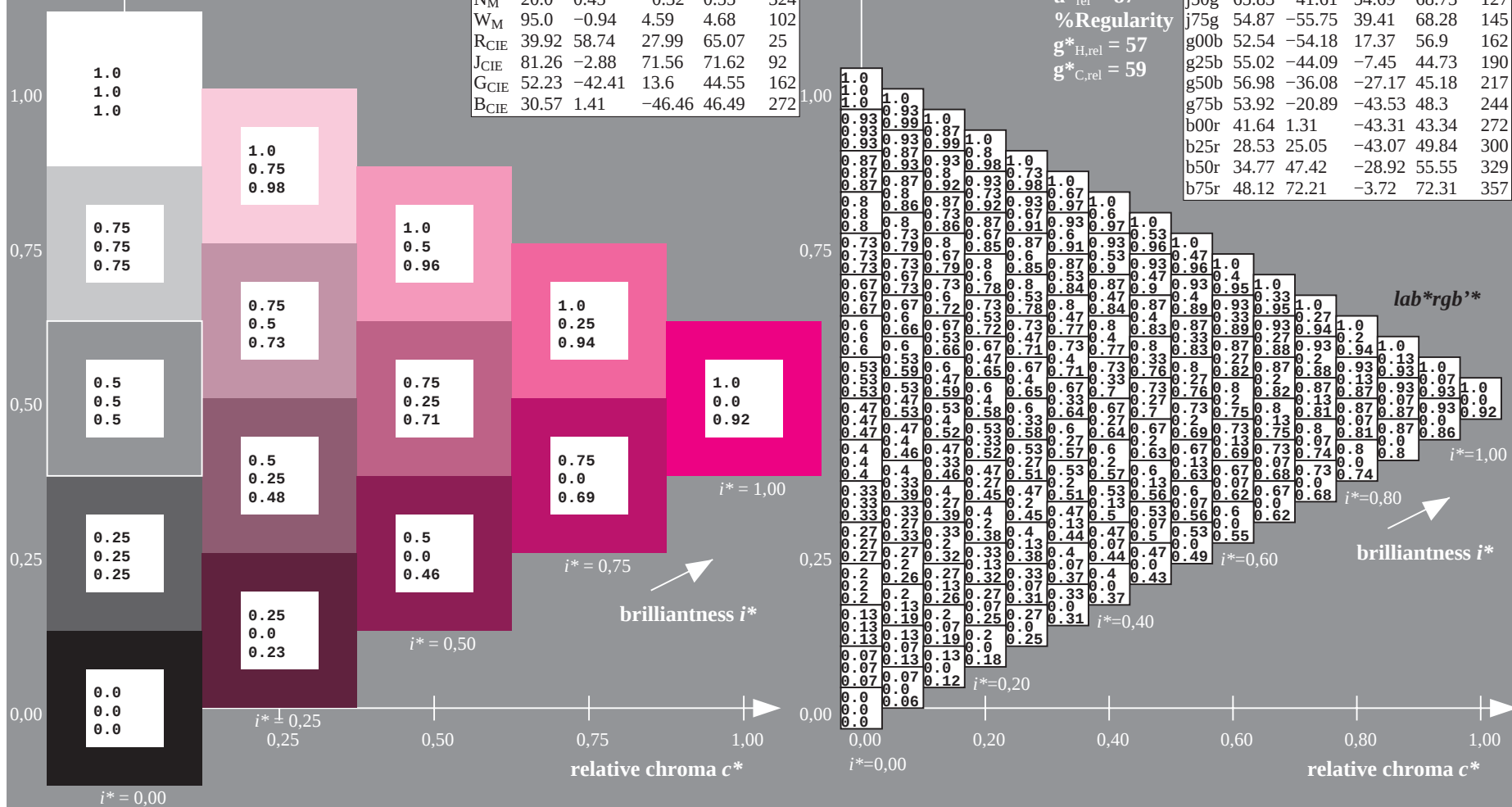
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

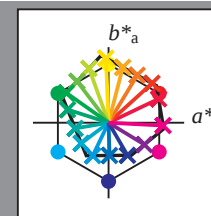


See for similar files: <http://www.ps.bam.de/De95/>; www.ps.bam.de/De95/
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpX=1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*rgb**					
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13	0.13	0.13	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13
	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	
03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25	0.25	0.25	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25	0.25	
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25	0.25		
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38	0.38	0.38	
	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63	0.63	0.63	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63	0.63	
	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	0.63	0.63		
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75		
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75	0.75	0.75	
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75	0.75	0.75		
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.88	0.88	0.88	0.88	0.88	0.88		
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88	0.88	0.88	
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88	0.88	0.88		
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0	1.0	1.0	
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0			
10	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0		
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.07	0.07	0.07	0.07		
	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88	0.88	0.88		
	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.13	0.13	0.13			

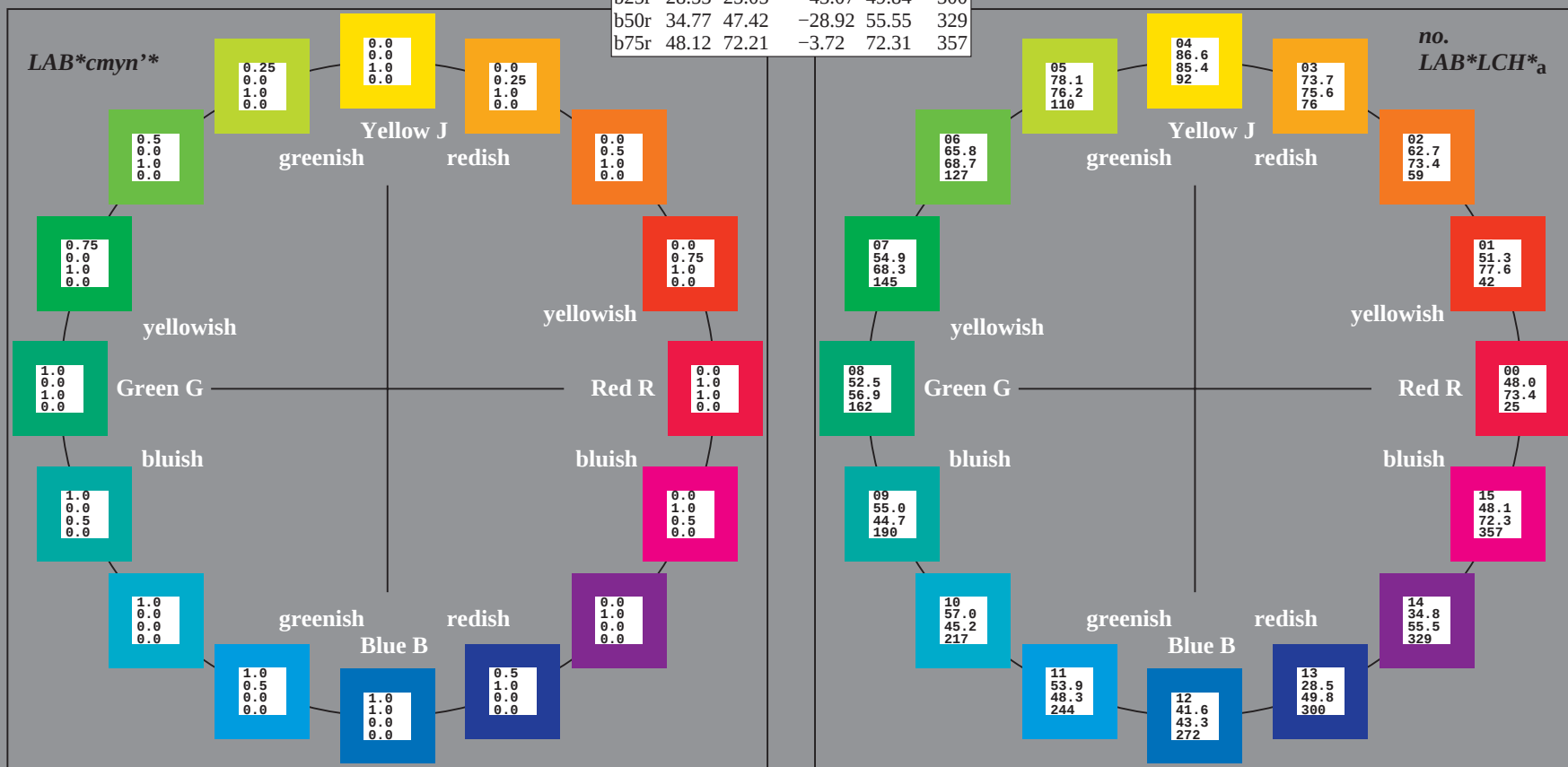
Input and output:
Colorimetric Printer Reflective System ORS20_95aM
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
u = 16 hues r00j, r25j, ..., b75r*
contrast reduction factor:
 $c_R = 0.97$

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



%Gamut
 $u^*_{rel} = 87$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS20_95aM; CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

data for any colour:

lab^*ch^* and lab^*icu^*

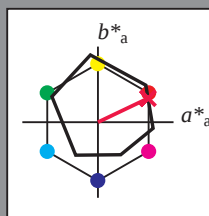
elementary hue text:

$u^* = r00j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 66 32

$LAB^*LCH^*_{Ma}$: 48 73 25

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

data for any colour:

lab^*ch^* and lab^*icu^*

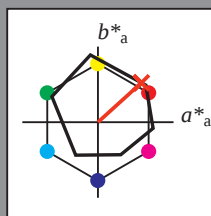
elementary hue text:

$u^* = r25j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 58 52

$LAB^*LCH^*_{Ma}$: 51 78 42

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

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

triangle lightness t^*

%Gamut

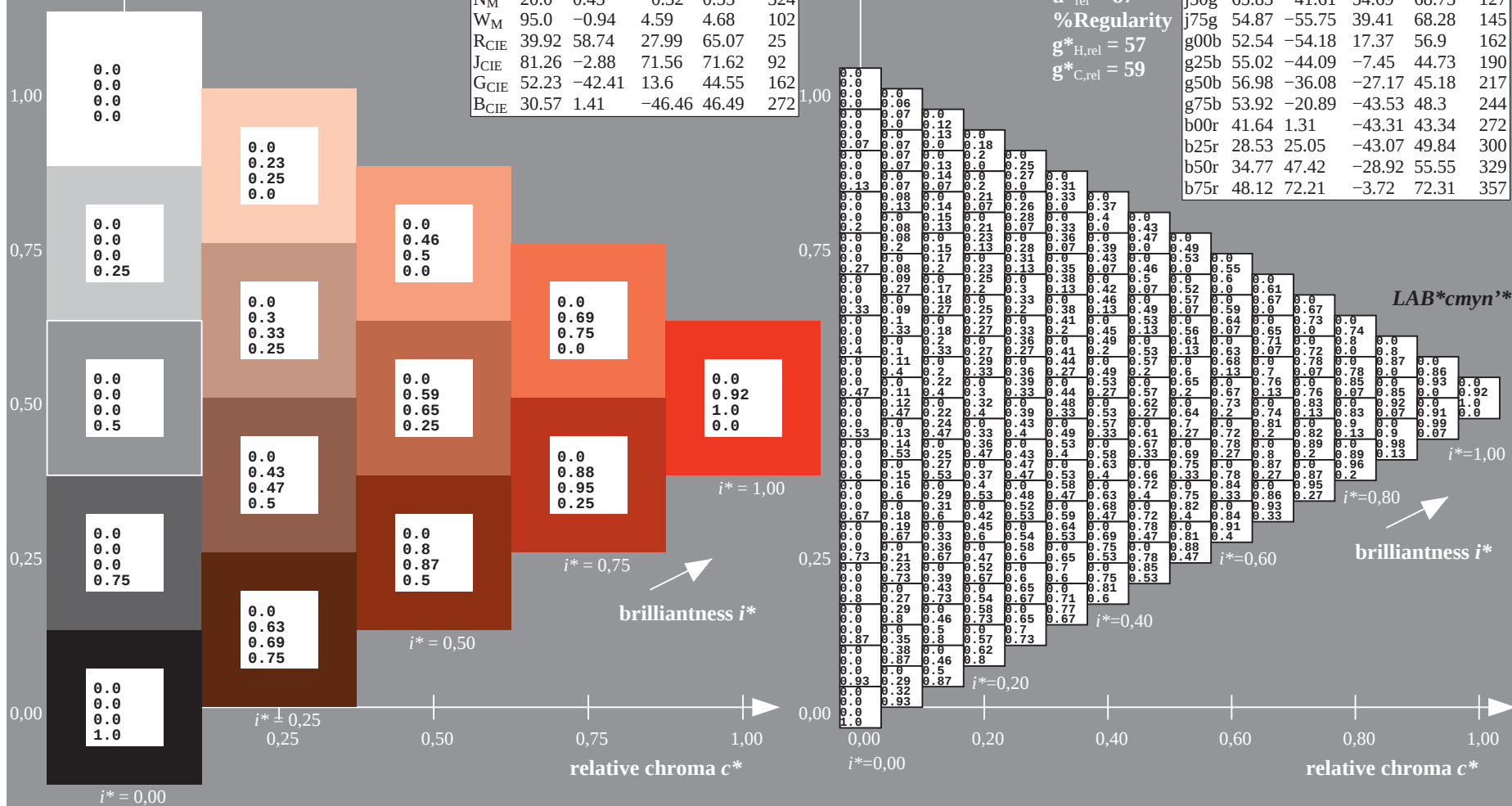
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

data for any colour:

lab^*ch^* and lab^*icu^*

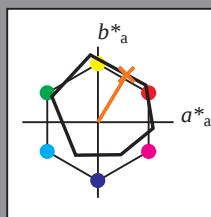
elementary hue text:

$u^* = r50j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 63 38 63

$LAB^*LCH^*_{Ma}$: 63 73 59

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

$lab^*olv^*_{Ma}$: 1.0 0.35 0.0

triangle lightness t^*

%Gamut

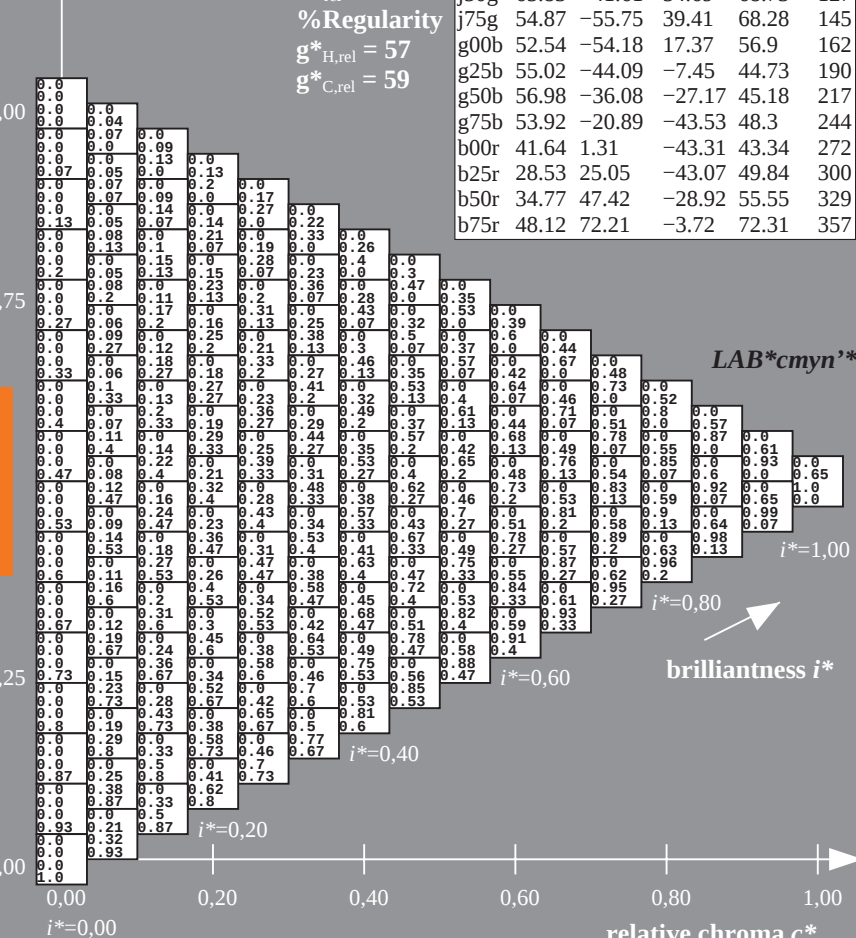
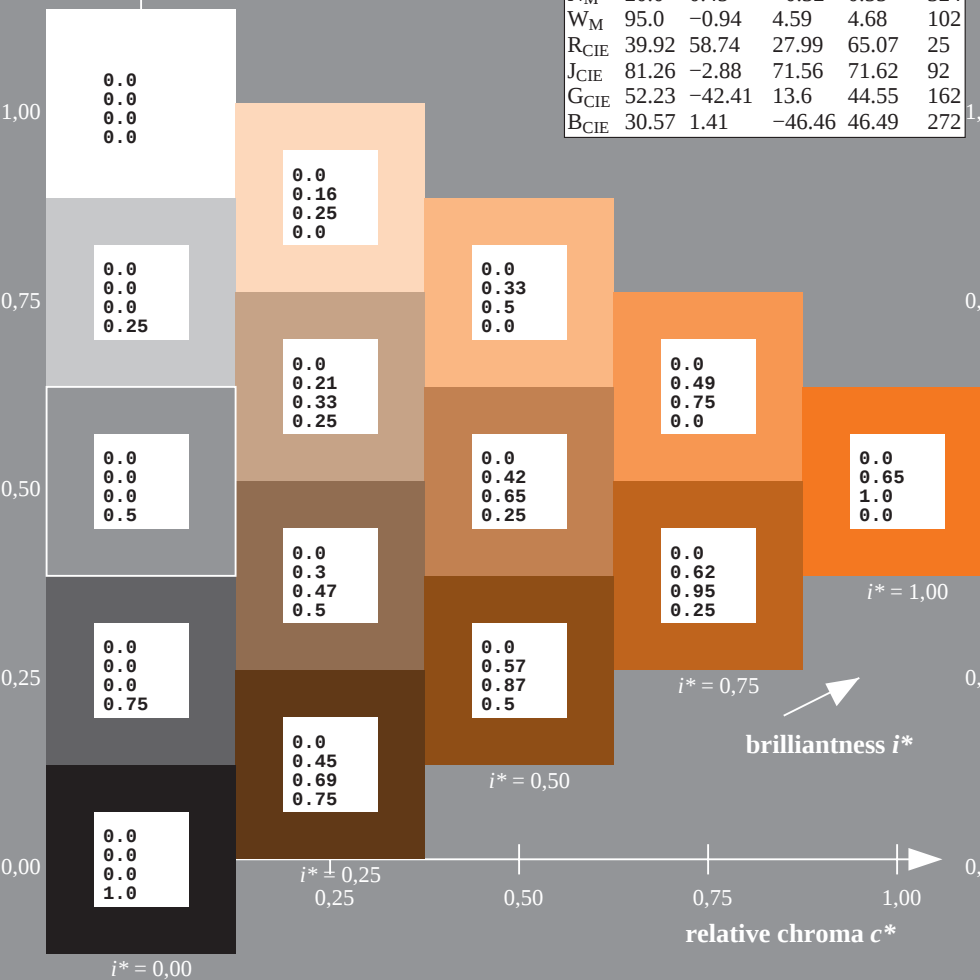
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab \cdot h^* = h_{ab}/360 = 76/360 = 0.21$

data for any colour:

$lab \cdot tch^*$ and $lab \cdot icu^*$

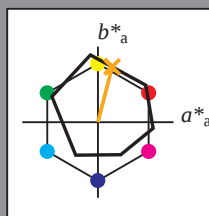
elementary hue text:

$u^* = r75j$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB \cdot LAB \cdot Ma$: 74 19 73

$LAB \cdot LCH \cdot Ma$: 74 76 76

$lab \cdot rgb \cdot Ma$: 1.0 0.75 0.0

$lab \cdot olv \cdot Ma$: 1.0 0.61 0.0

triangle lightness t^*

%Gamut

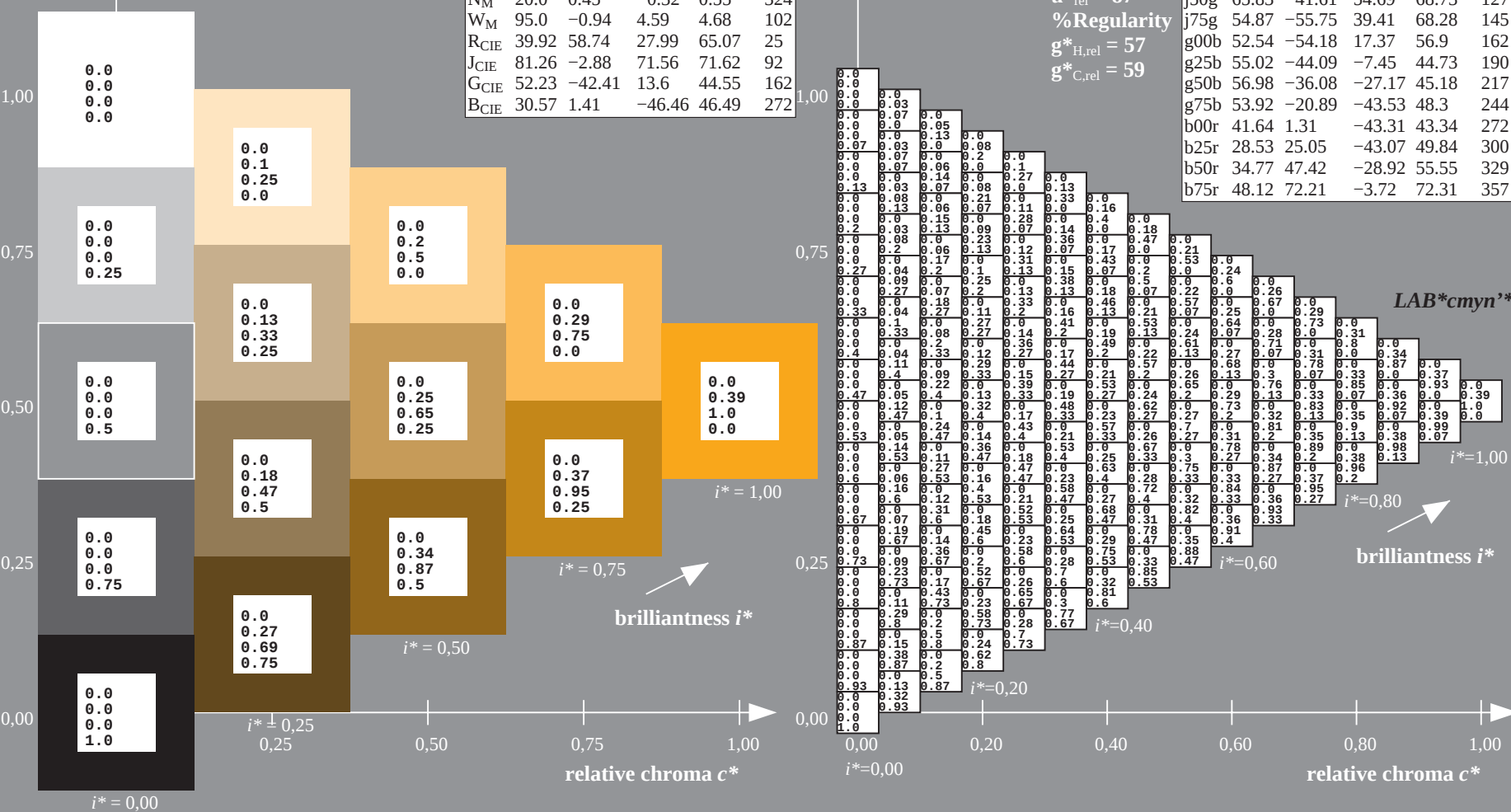
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

data for any colour:

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

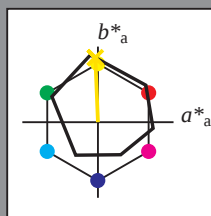
elementary hue text:

$u^* = j00g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 87 -2 85

$LAB^*LCH^*_{Ma}$: 87 85 92

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

data for any colour:

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

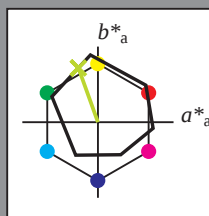
elementary hue text:

$u^* = j25g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 78 -25 72

$LAB^*LCH^*_{Ma}$: 78 76 110

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

data for any colour:

lab^*ch^* and lab^*icu^*

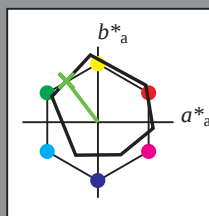
elementary hue text:

$u^* = j50g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 66 -41 55

$LAB^*LCH^*_{Ma}$: 66 69 127

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

$lab^*olv^*_{Ma}$: 0.38 1.0 0.0

triangle lightness t^*

%Gamut

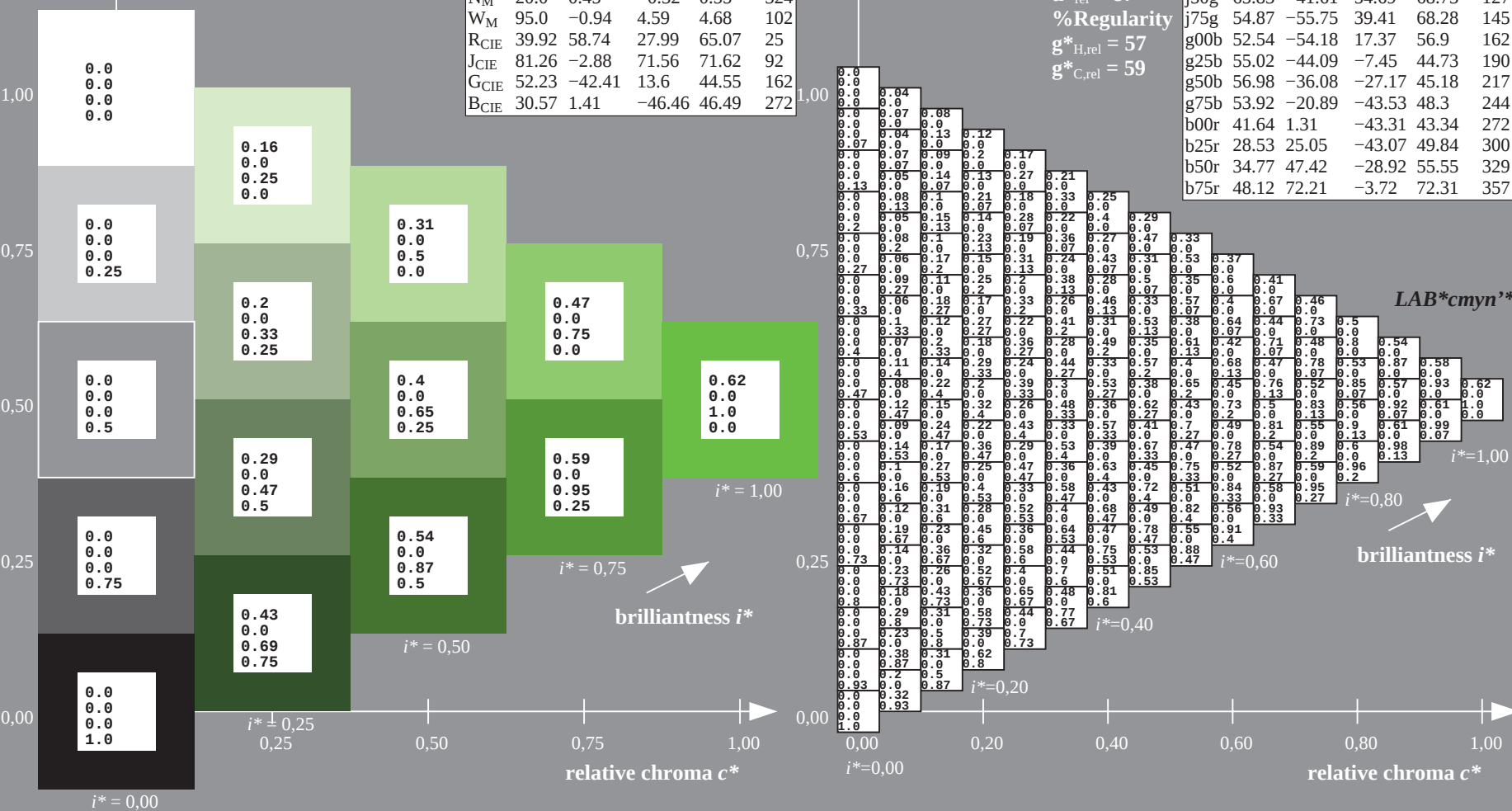
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

data for any colour:

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

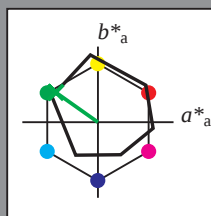
elementary hue text:

$u^* = j75g$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

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

$LAB^*LCH^*_{Ma}$: 55 68 145

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

$lab^*olv^*_{Ma}$: 0.1 1.0 0.0

triangle lightness t^*

%Gamut

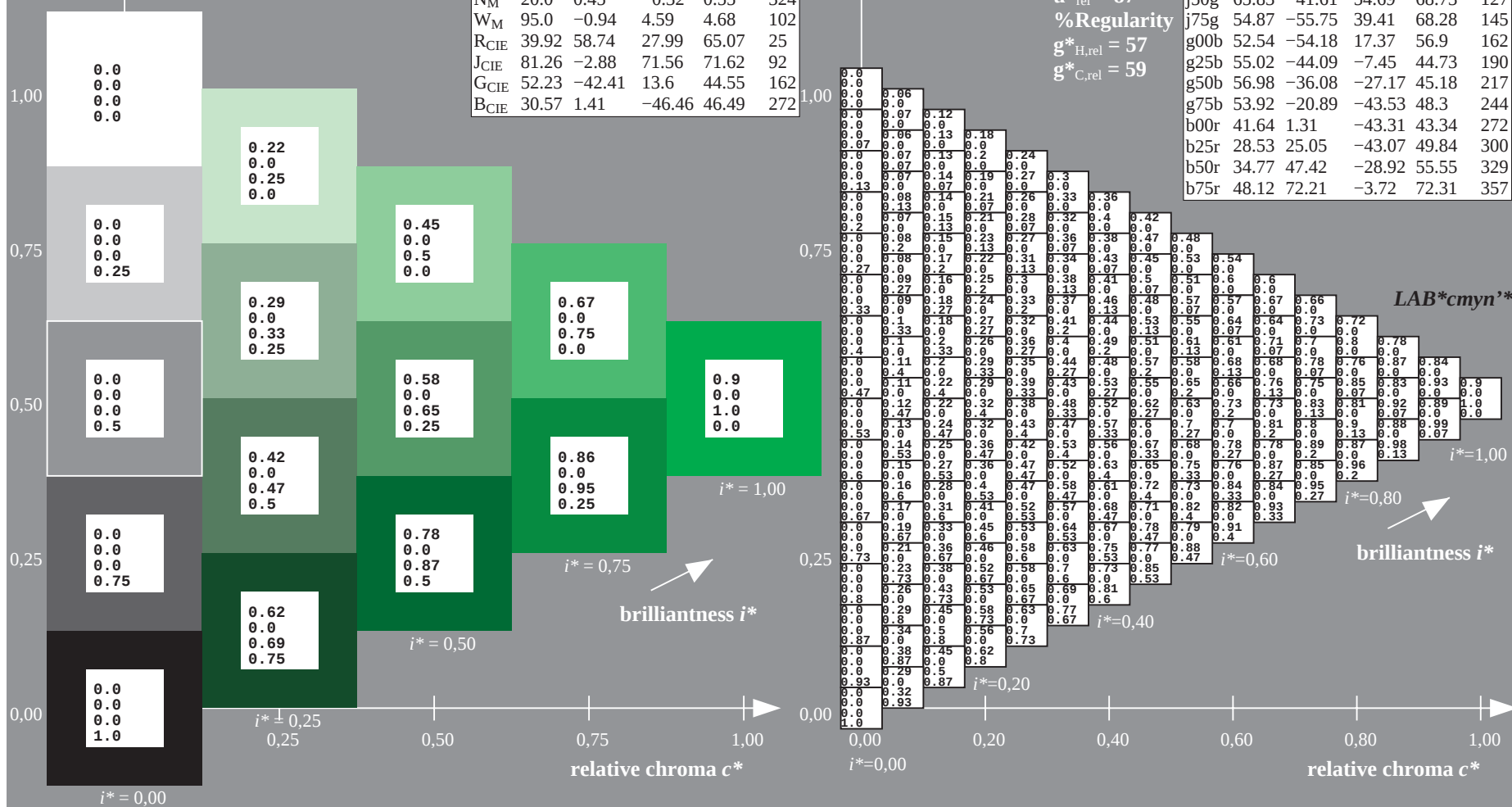
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

data for any colour:

lab^*ch^* and lab^*icu^*

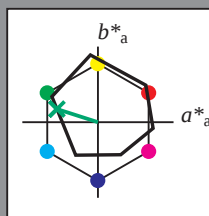
elementary hue text:

$u^* = g00b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 53 -53 17

$LAB^*LCH^*_{Ma}$: 53 57 162

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.21

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

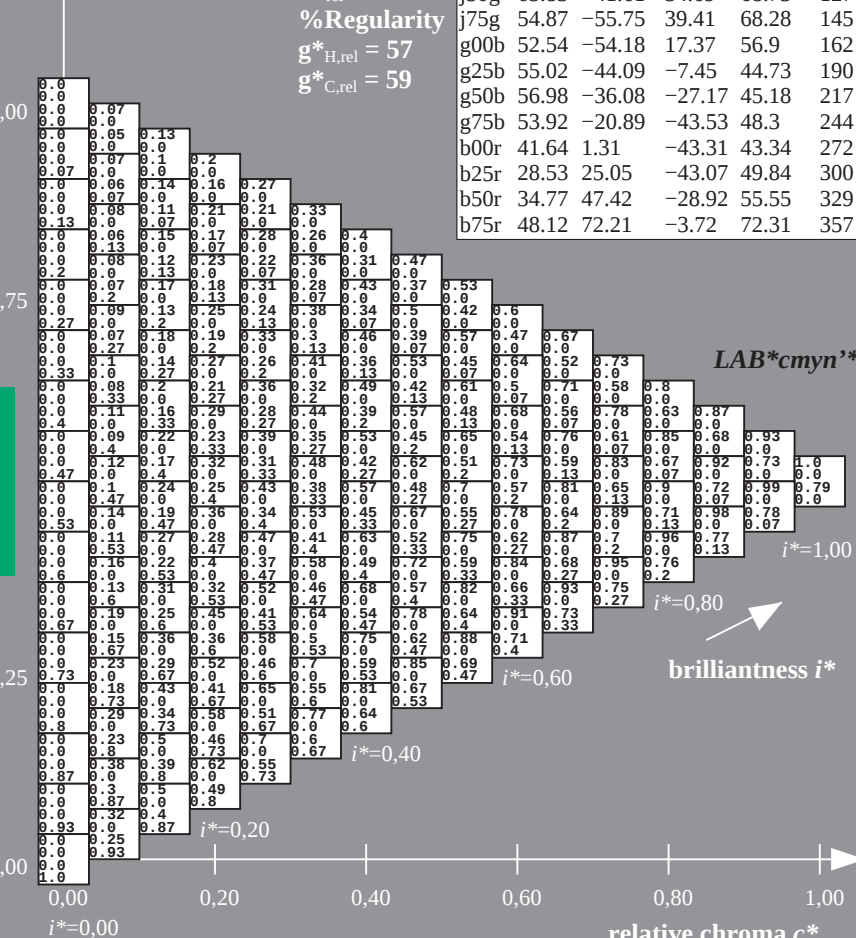
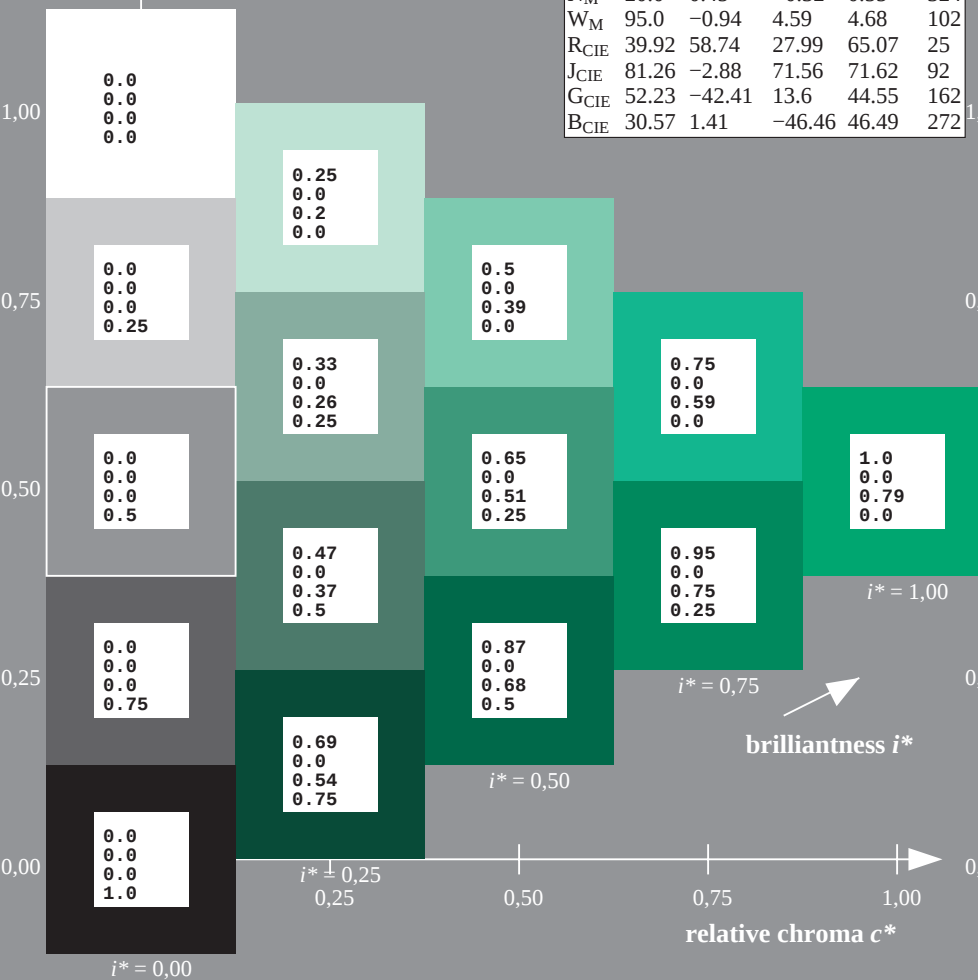
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

data for any colour:

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

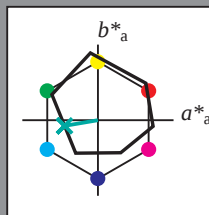
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 55 -43 -6

$LAB^*LCH^*_{Ma}$: 55 45 190

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

$lab^*olv^*_{Ma}$: 0.0 1.0 0.53

triangle lightness t^*

%Gamut

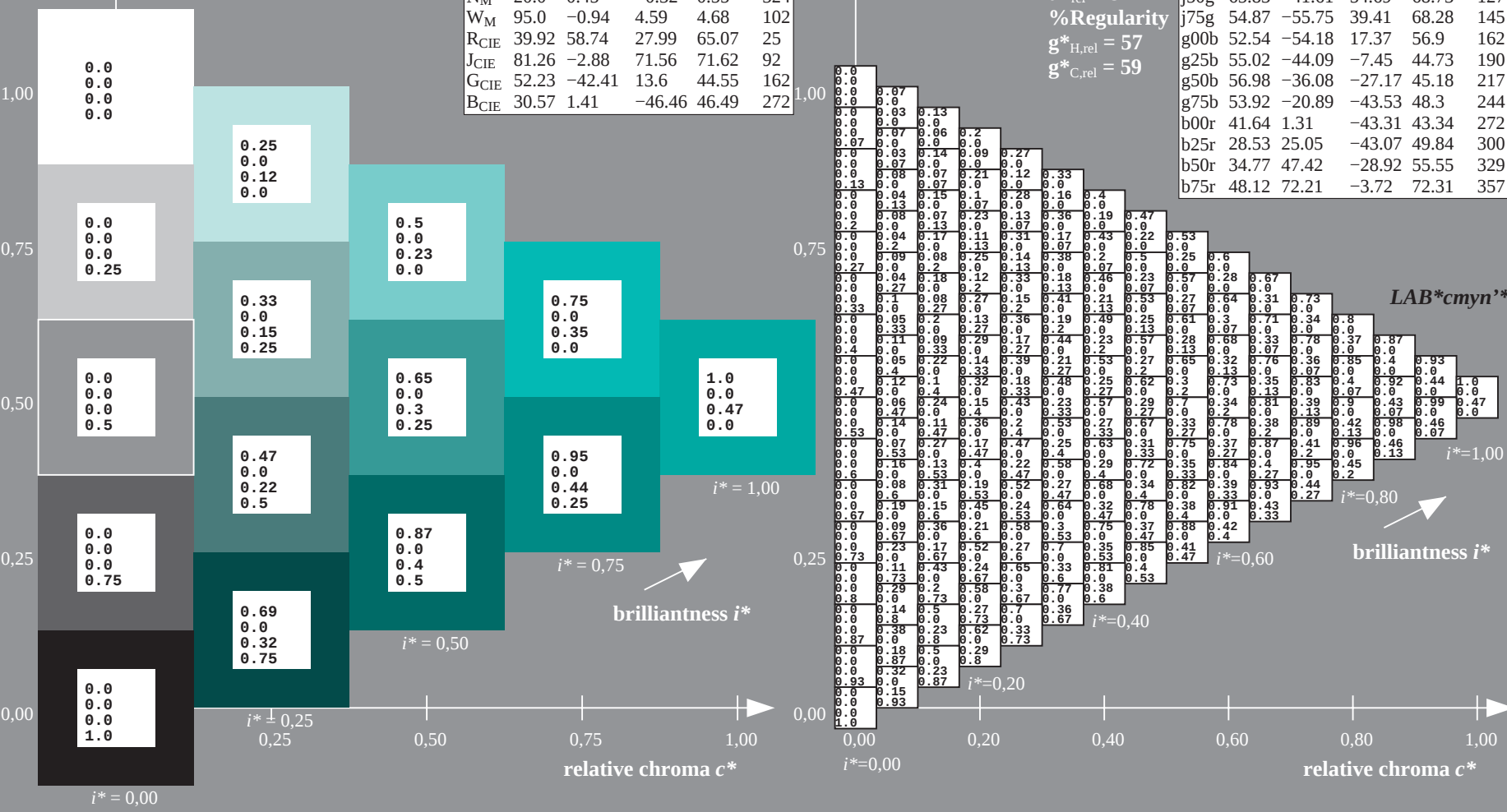
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

data for any colour:

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

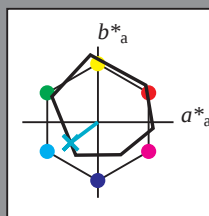
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 57 -35 -26

$LAB^*LCH^*_{Ma}$: 57 45 217

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

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

triangle lightness t^*

%Gamut

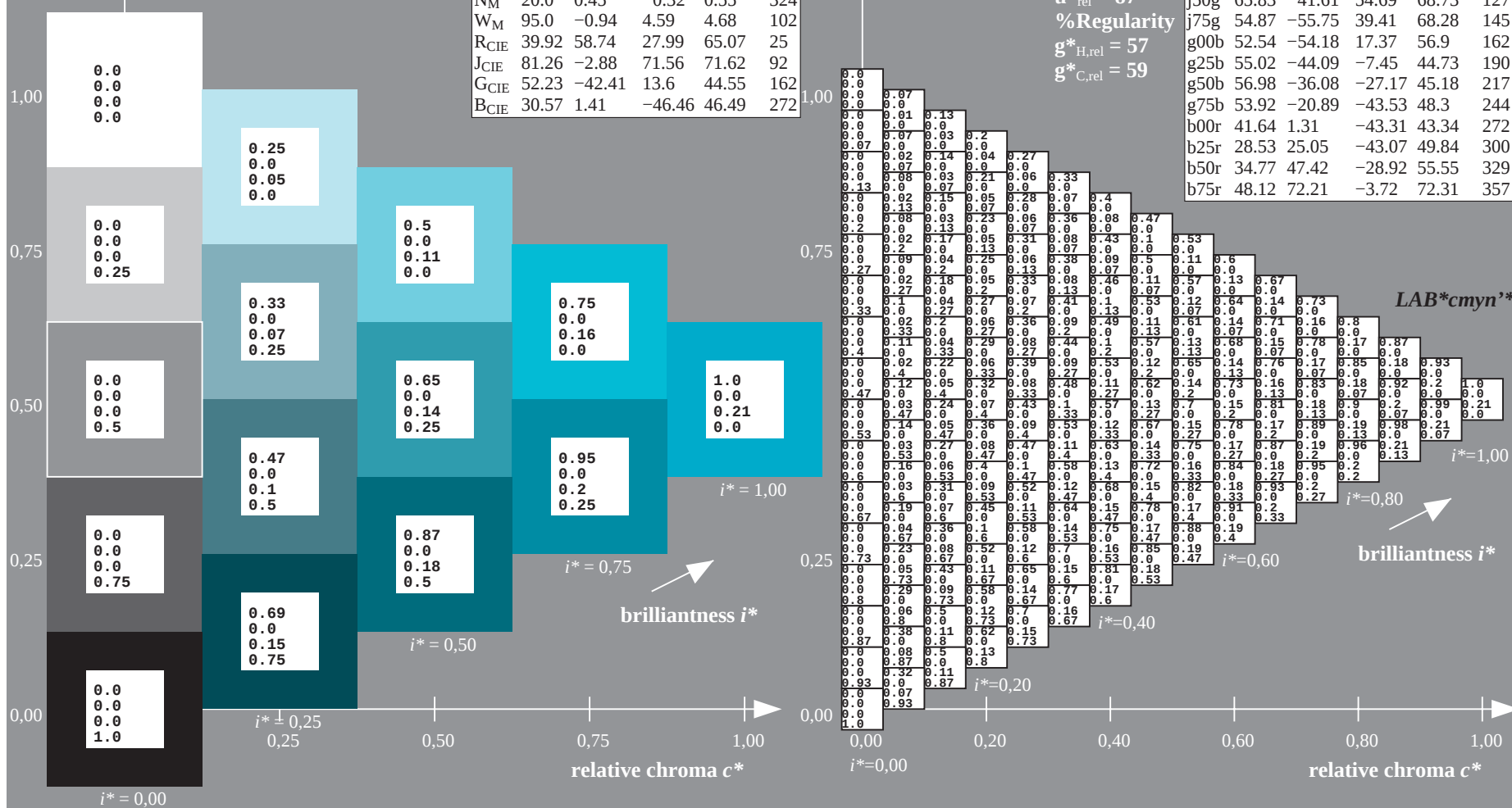
$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

data for any colour:

lab^*ch^* and lab^*icu^*

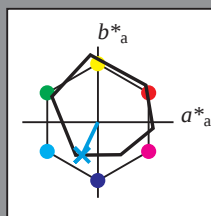
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 -20 -43

$LAB^*LCH^*_{Ma}$: 54 48 244

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

$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative chroma c^*

relative chroma c^*

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

data for any colour:

lab^*ch^* and lab^*icu^*

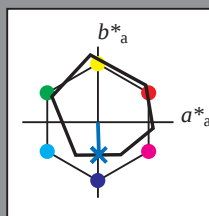
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

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

$LAB^*LCH^*_{Ma}$: 42 43 272

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

$lab^*olv^*_{Ma}$: 0.0 0.48 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

data for any colour:

lab^*ch^* and lab^*icu^*

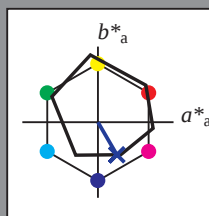
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
N _M	90.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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):

$LAB^*LAB^*_{Ma}$: 29 25 -42

$LAB^*LCH^*_{Ma}$: 29 50 300

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

$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
r50j	62.67	37.9	62.82	73.37	59
r75j	73.73	18.8	73.24	75.61	76
j00g	86.61	-3.44	85.36	85.43	92
j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

LAB^*cmyn^*

$i^* = 1.00$

brilliantness i^*

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

data for any colour:

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

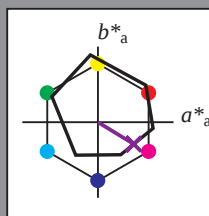
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
M _M	48.13	72.87	-6.58	73.17	355
W _M	20.0	0.45	-0.32	0.55	324
N _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 47 -28

$LAB^*LCH^*_{Ma}$: 35 56 329

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

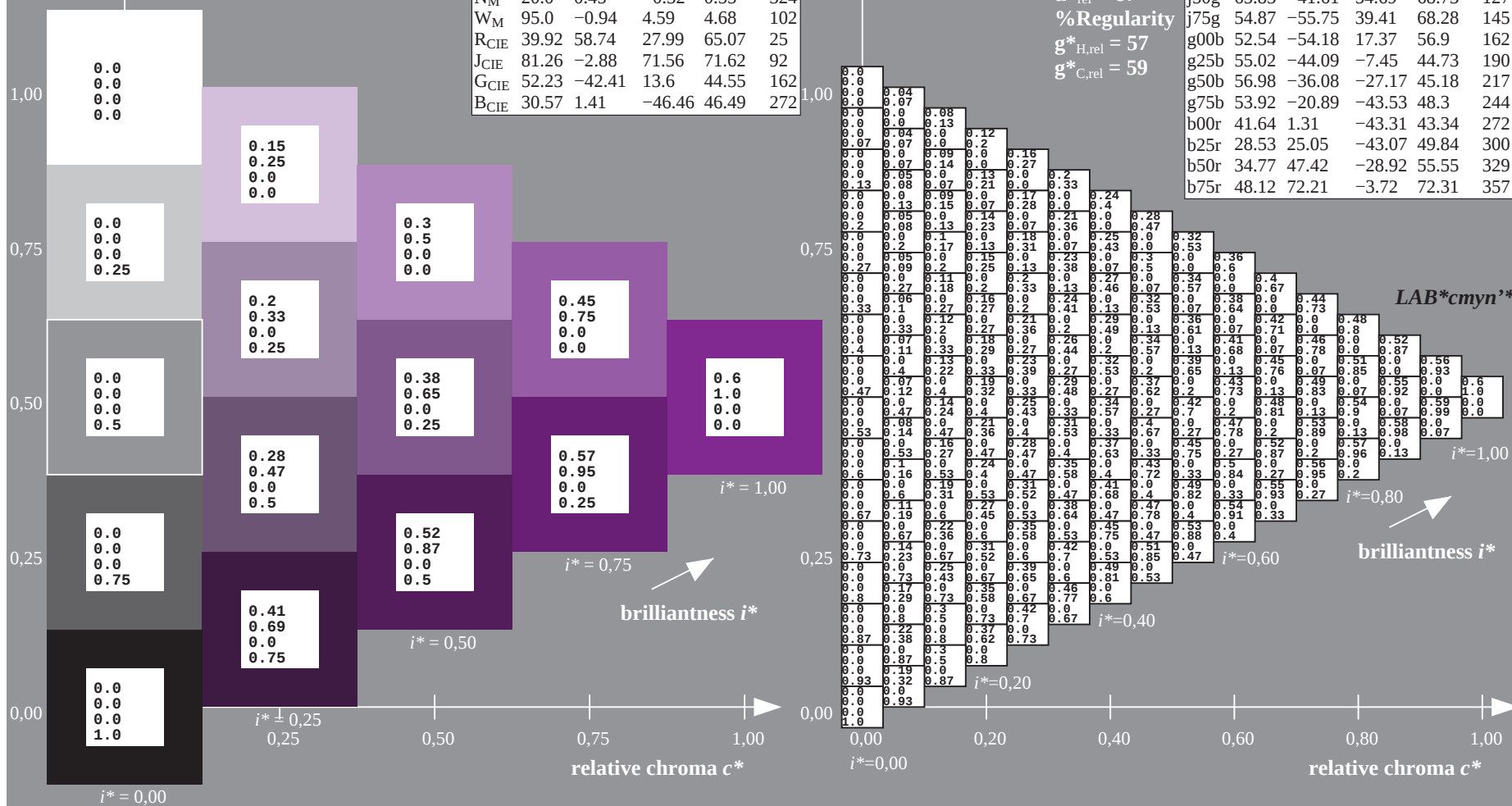
$g^*_{H,rel} = 57$

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

$u^* = b50r$

LAB^*cmyn^*

ORS20_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
r25j	51.32	57.52	52.13	77.63	42
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j25g	78.07	-25.81	71.76	76.26	110
j50g	65.83	-41.61	54.69	68.73	127
j75g	54.87	-55.75	39.41	68.28	145
g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
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b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357



Input and output: Colorimetric Printer Reflective System ORS20_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

data for any colour:

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

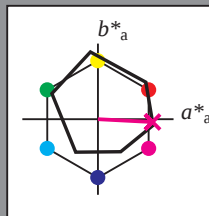
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 0.97$

triangle lightness t^*



ORS20_95aM; CIELAB data					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	47.94	63.28	50.46	80.94	39
Y _M	90.37	-10.8	93.19	93.81	97
L _M	50.9	-61.01	35.57	70.63	150
C _M	58.62	-29.67	-41.41	50.96	234
V _M	25.72	30.47	-42.97	52.69	305
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N _M	20.0	0.45	-0.32	0.55	324
W _M	95.0	-0.94	4.59	4.68	102
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	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 72 -3

$LAB^*LCH^*_{Ma}$: 48 72 357

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

$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

triangle lightness t^*

%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 57$

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

ORS20_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	66.28	31.58	73.42	25
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j25g	78.07	-25.81	71.76	76.26	110
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g00b	52.54	-54.18	17.37	56.9	162
g25b	55.02	-44.09	-7.45	44.73	190
g50b	56.98	-36.08	-27.17	45.18	217
g75b	53.92	-20.89	-43.53	48.3	244
b00r	41.64	1.31	-43.31	43.34	272
b25r	28.53	25.05	-43.07	49.84	300
b50r	34.77	47.42	-28.92	55.55	329
b75r	48.12	72.21	-3.72	72.31	357

LAB^*cmyn^*

$i^*=1.00$

brilliantness i^*

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*cmyk**			
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