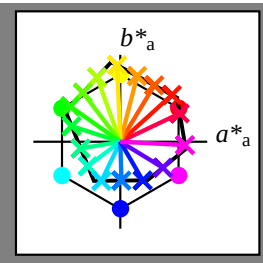
Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u** = 16 hues *r00j, r25j, ..., b75r
contrast reduction factor:
$c_R = 1.0$

ORS18_95aM; adapted (a) CIELAB data

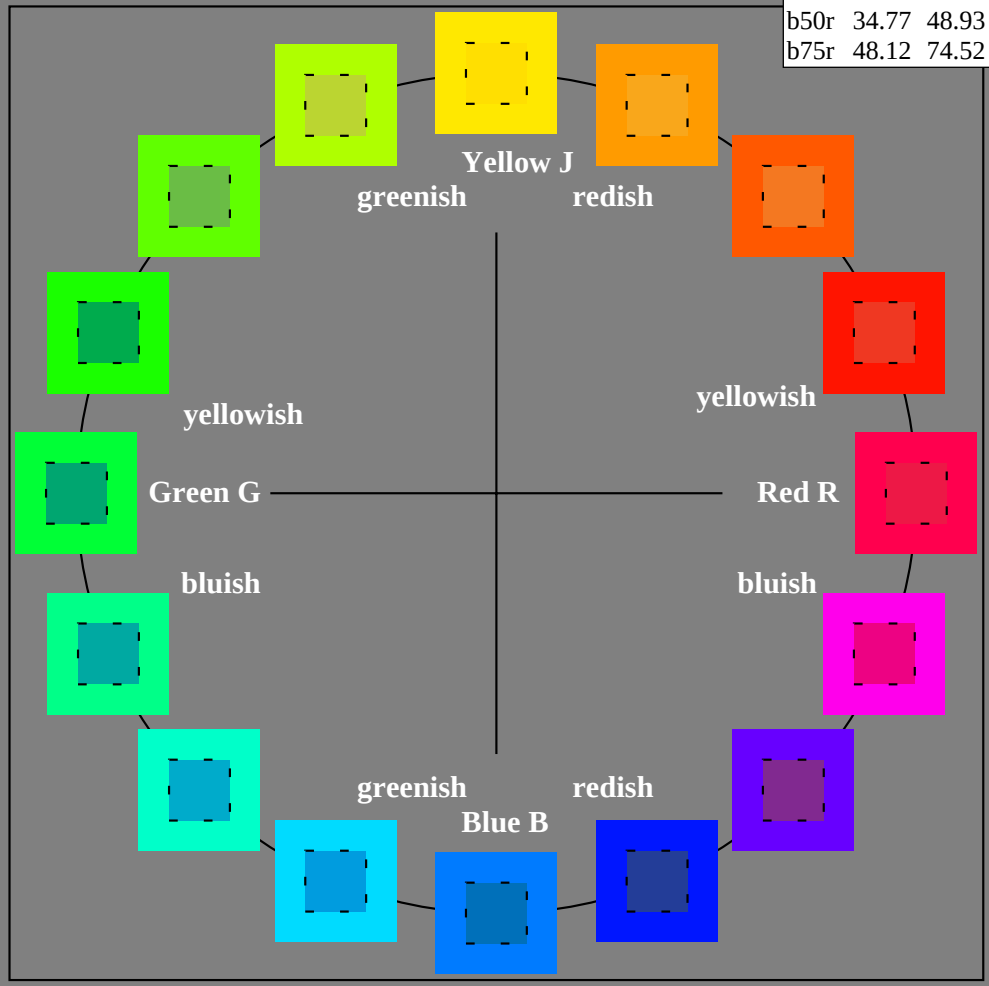
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

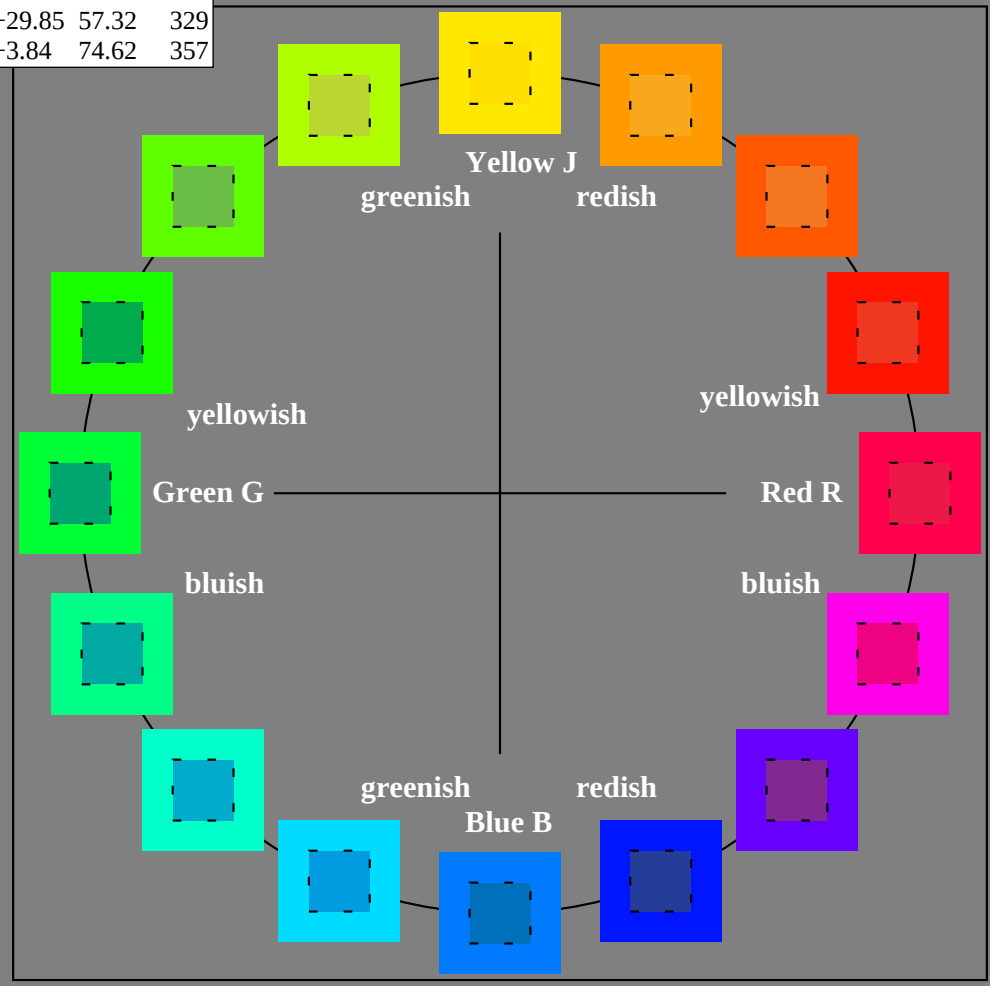


%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ ***u* = r00j***

data for any colour:

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

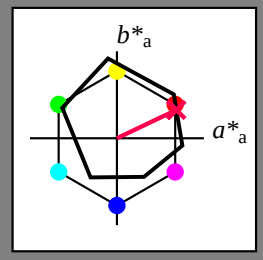
elementary hue text:

u* = r00j

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 68 33**

LAB*LCH*$_{Ma}$**: 48 76 25**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

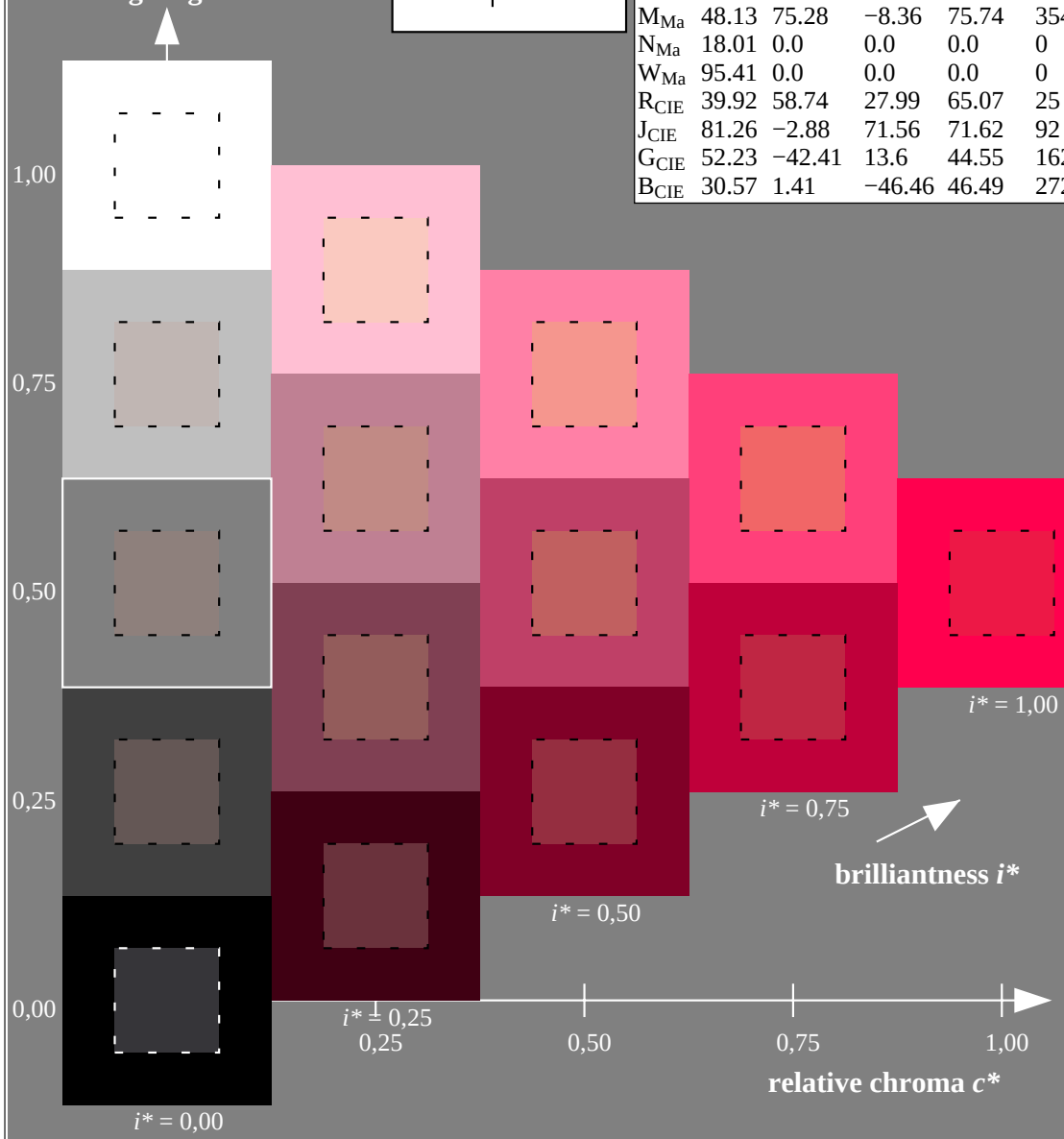
%Regularity

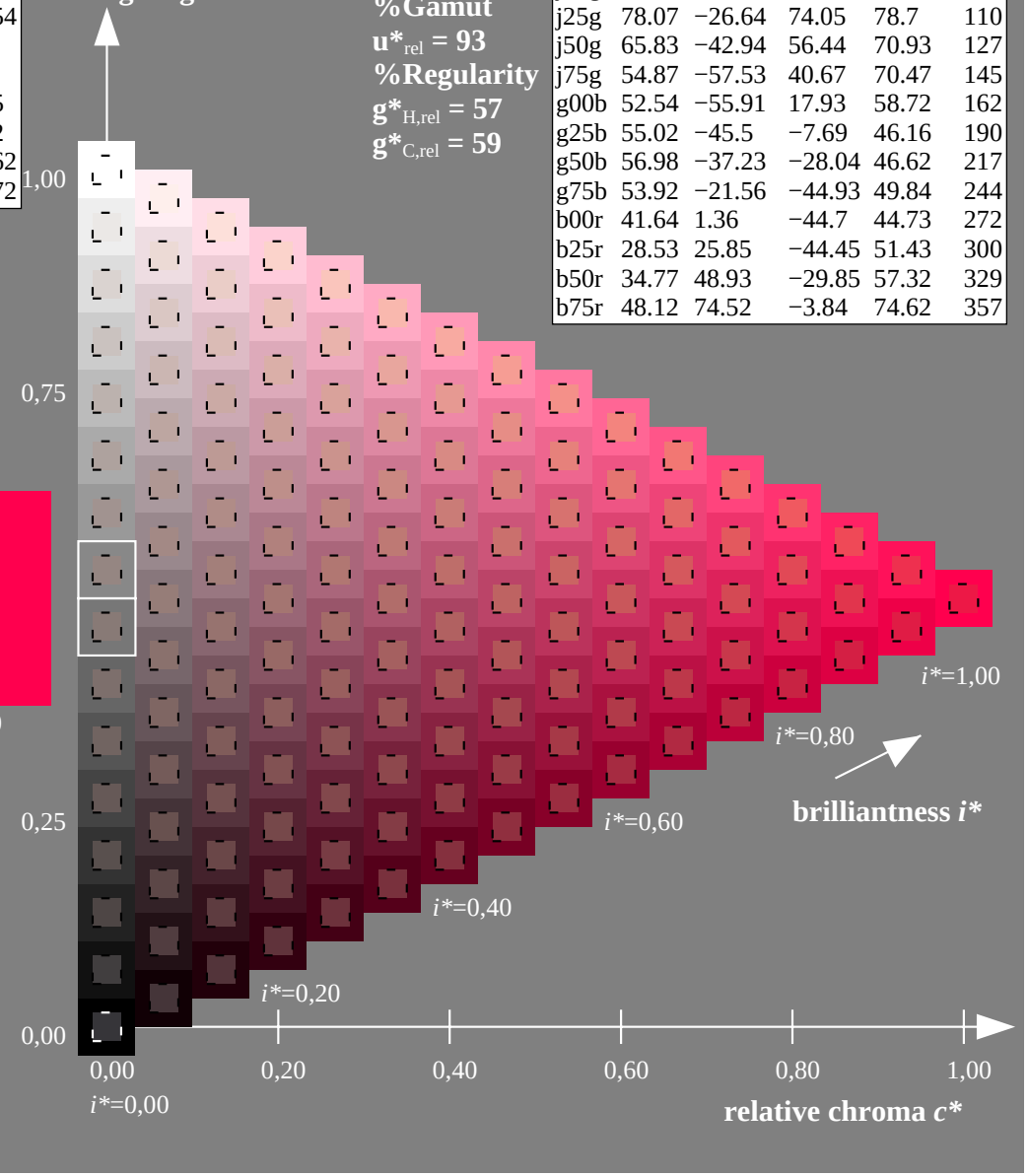
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

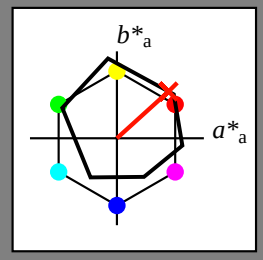
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ ***u* = r25j***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = r25j
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

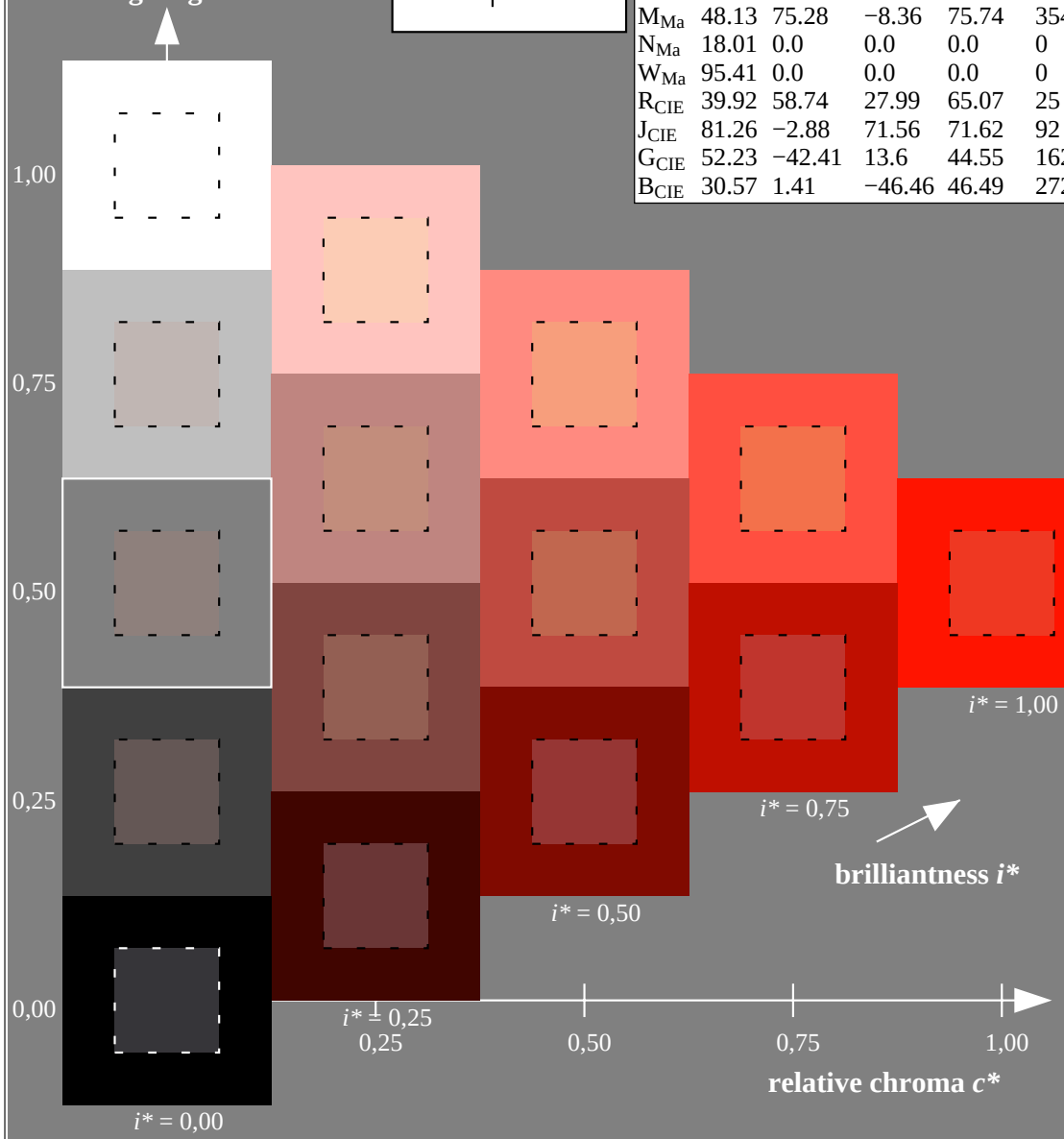
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

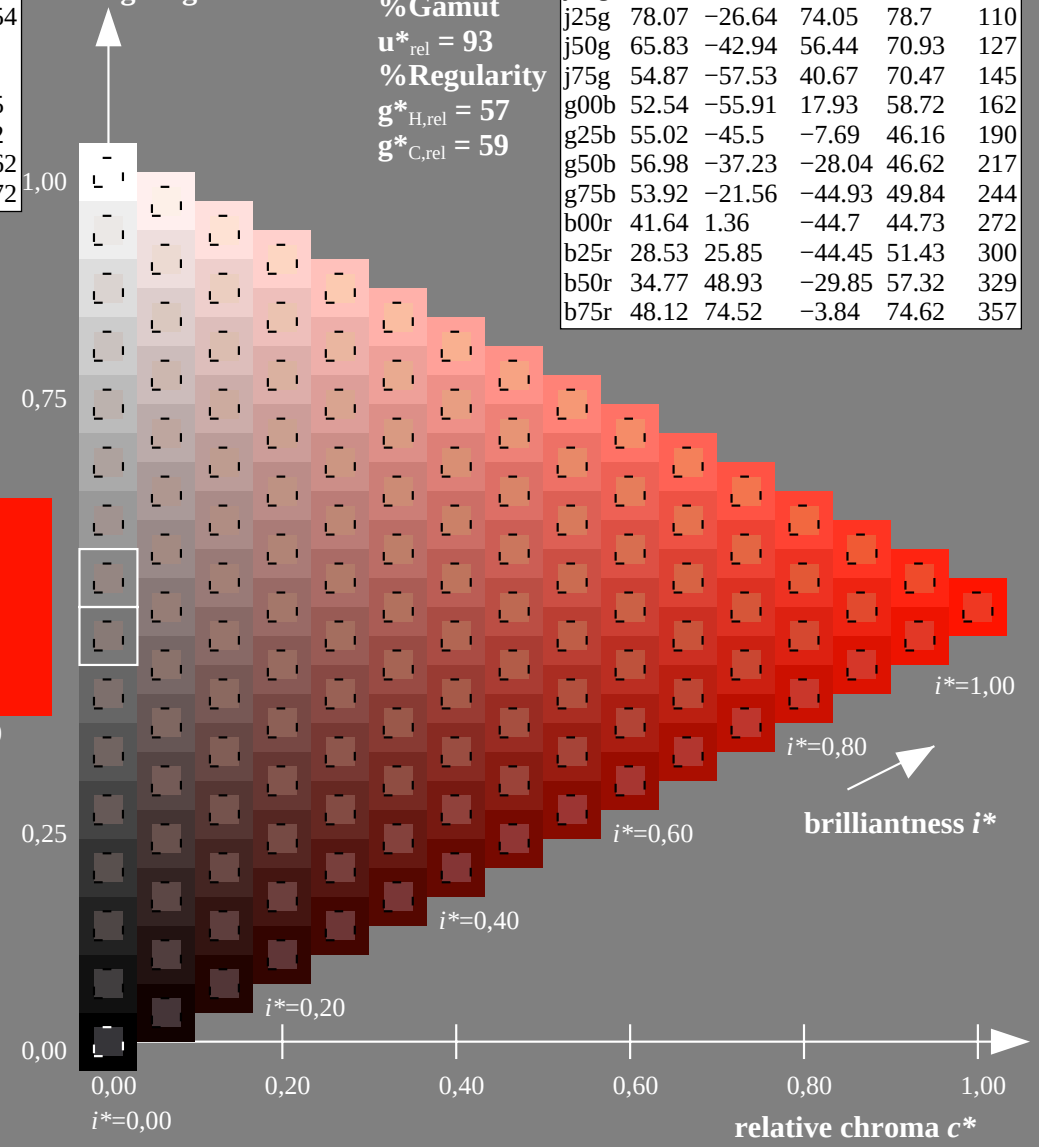
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 51 59 54**
LAB*LCH*$_{Ma}$**: 51 80 42**
lab*rgb*$_{Ma}$**: 1.0 0.25 0.0**
lab*olv*$_{Ma}$**: 1.0 0.08 0.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ ***u* = r50j***

data for any colour:

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

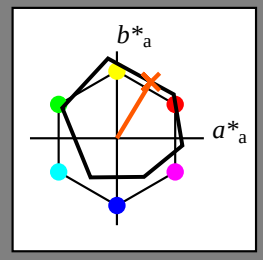
elementary hue text:

u* = r50j

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 39 65**

LAB*LCH*$_{Ma}$**: 63 76 59**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

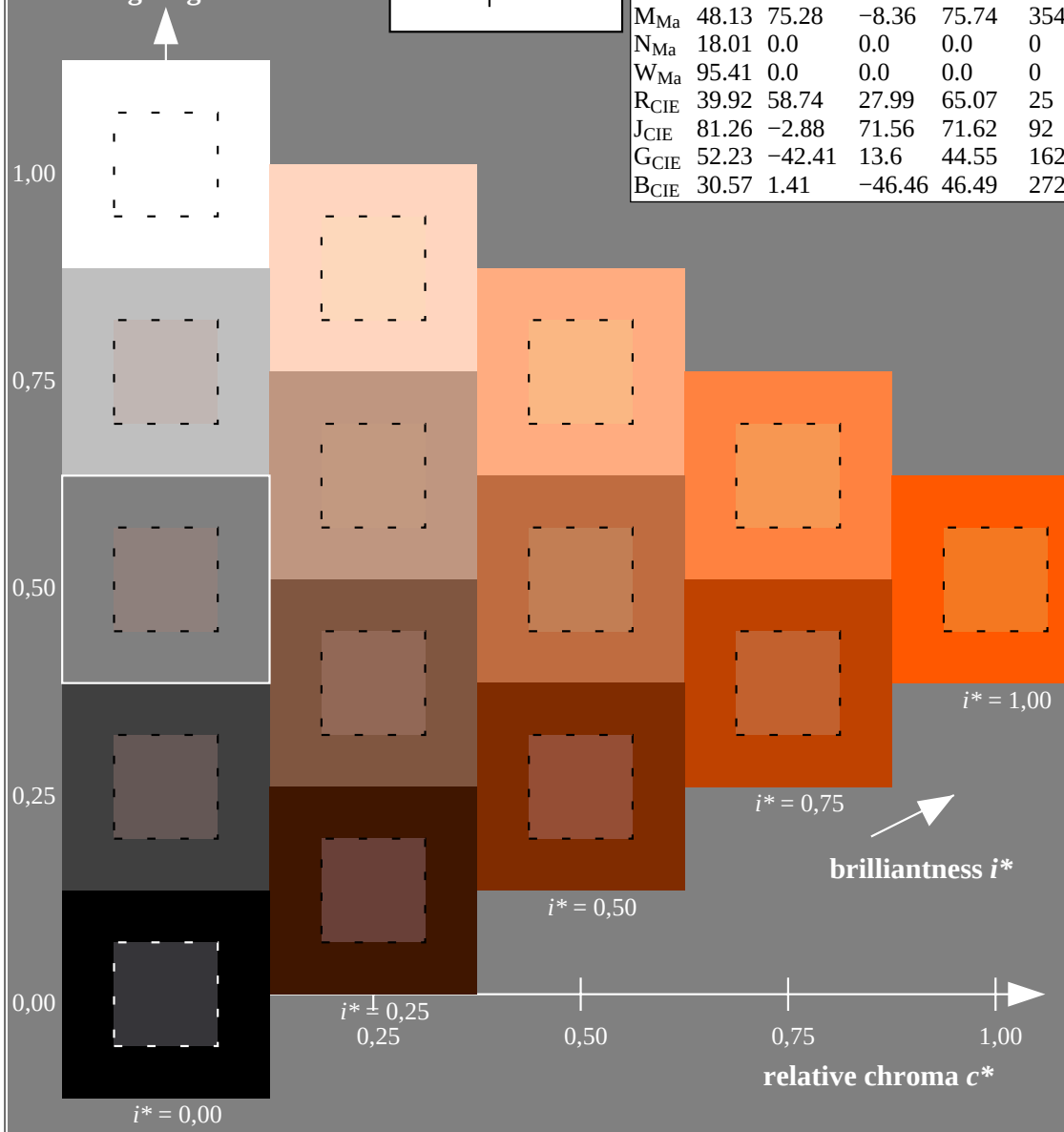
%Regularity

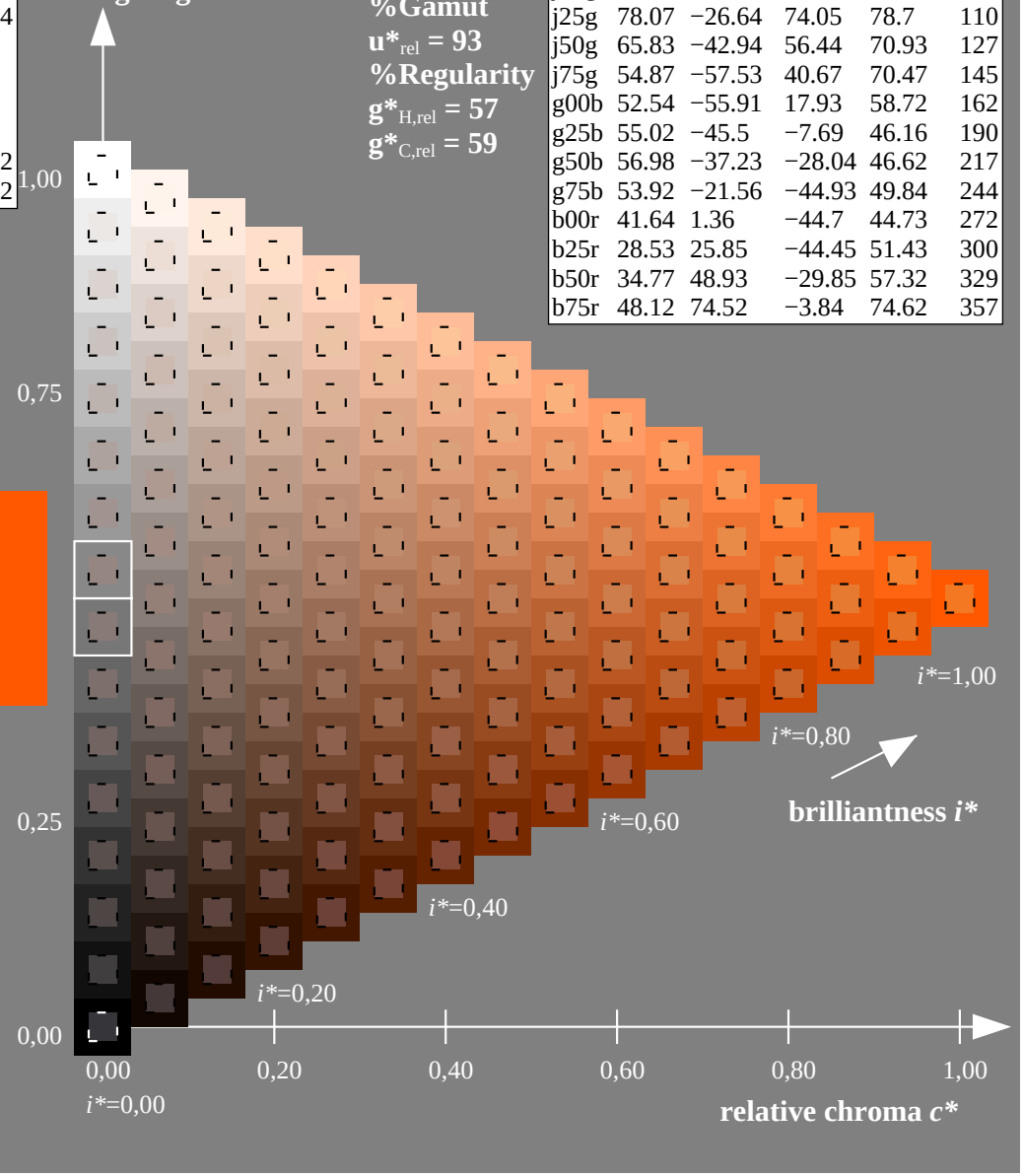
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ ***u* = r75j***

data for any colour:

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

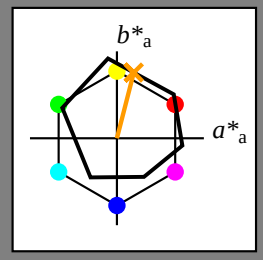
elementary hue text:

u* = r75j

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 76**

LAB*LCH*$_{Ma}$**: 74 78 76**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

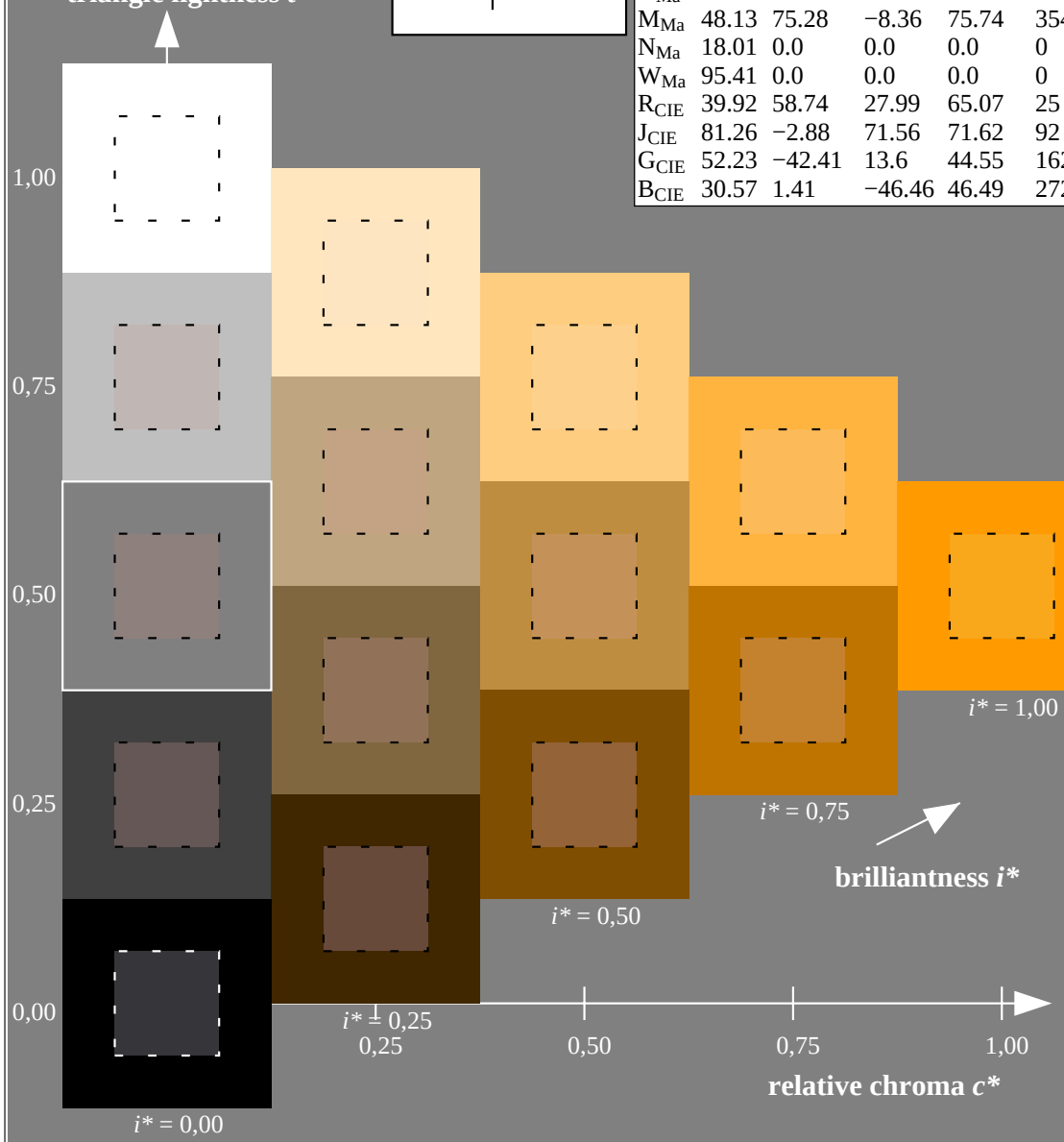
%Regularity

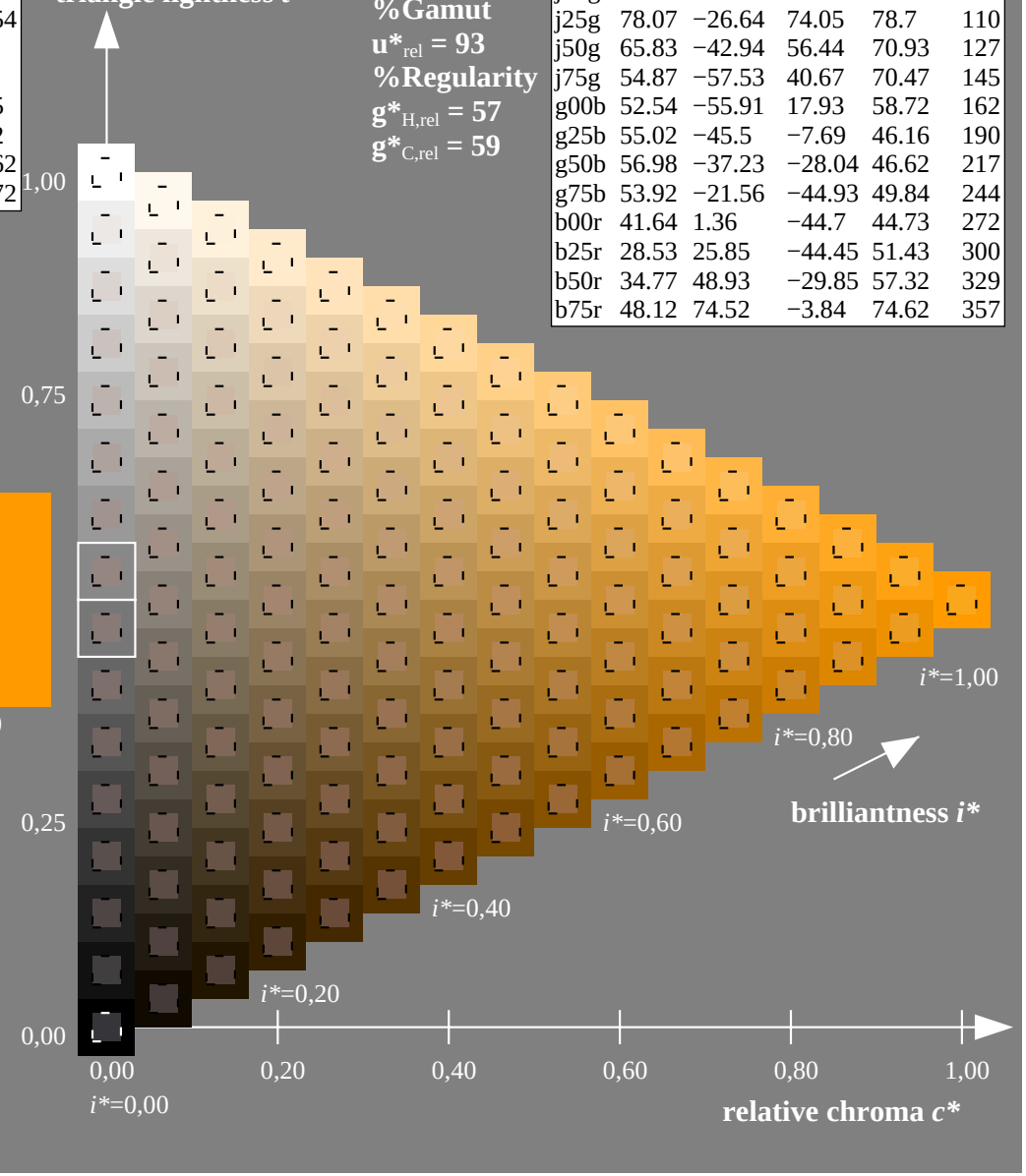
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ ***u* = j00g***

data for any colour:

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

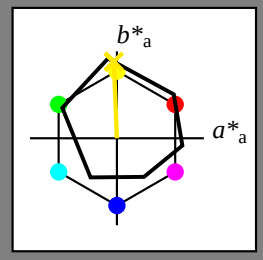
elementary hue text:

u* = j00g

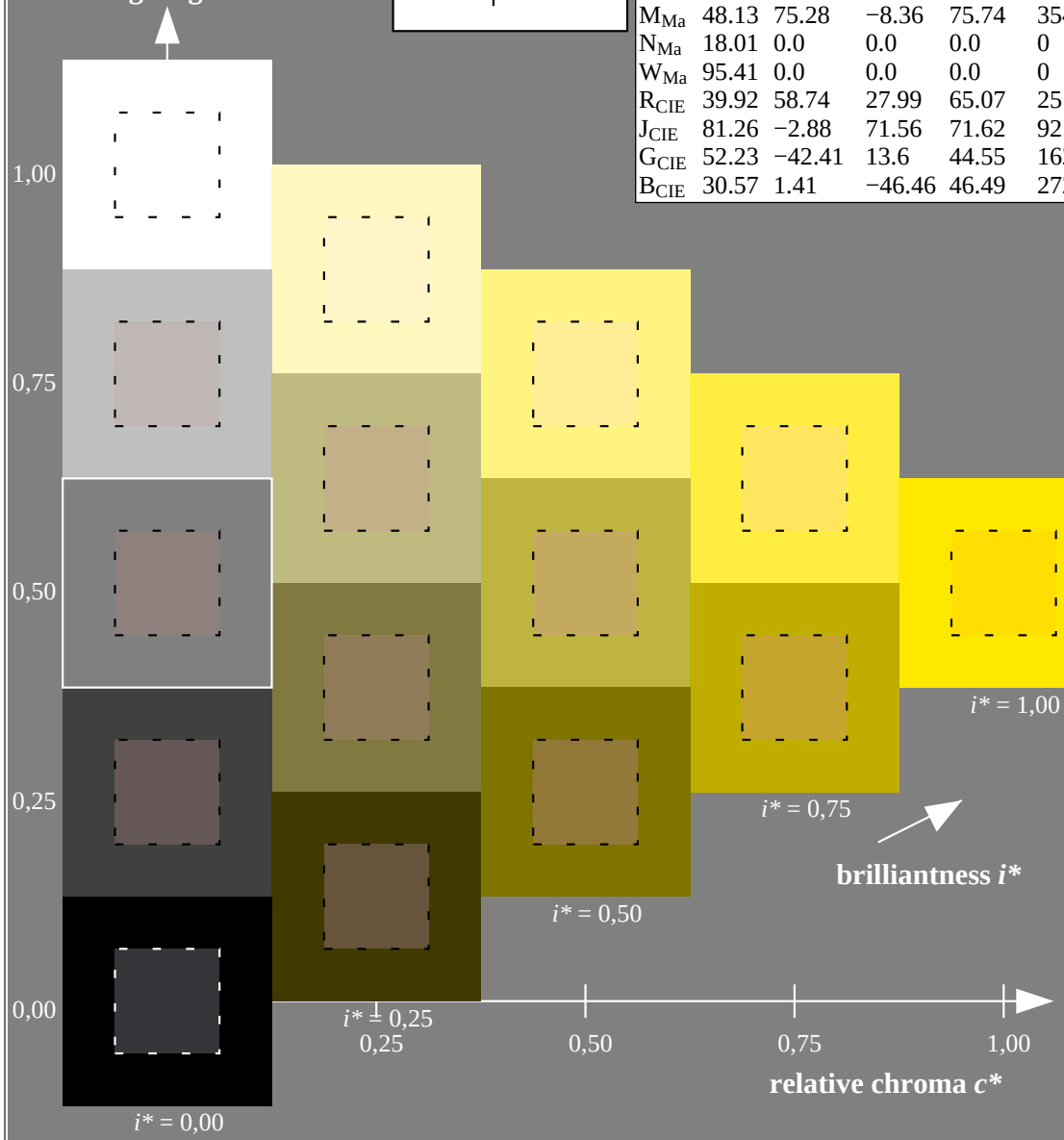
contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −3 88**

LAB*LCH*$_{Ma}$**: 87 88 92**

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

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

triangle lightness *t**

%Gamut

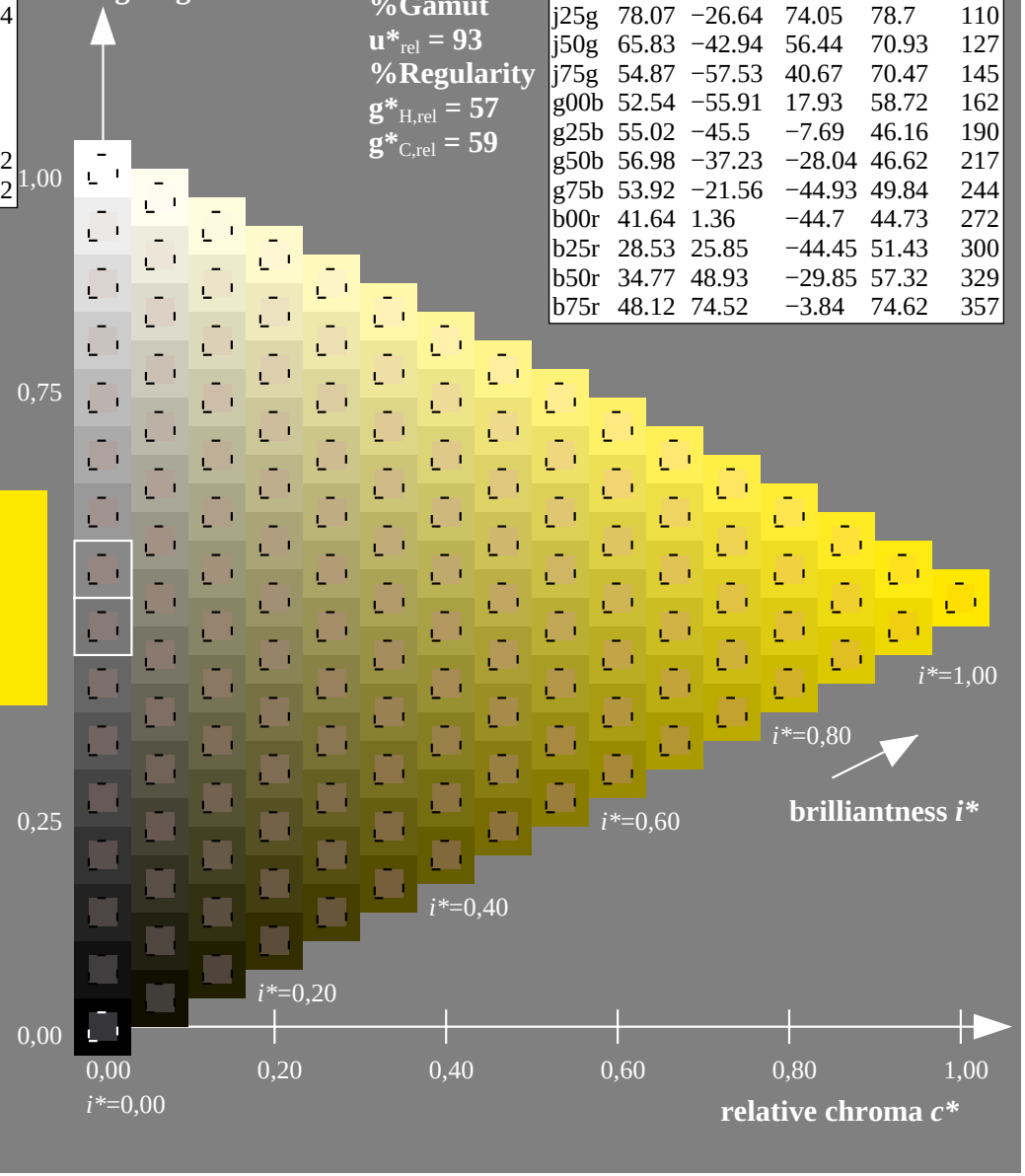
$u^*_{rel} = 93$

%Regularity

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

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

ORS18_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ ***u* = j25g***

data for any colour:

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

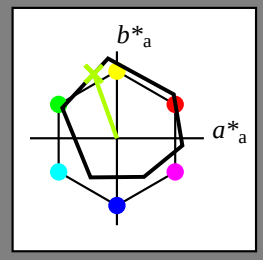
elementary hue text:

u* = j25g

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −26 74**

LAB*LCH*$_{Ma}$**: 78 79 110**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

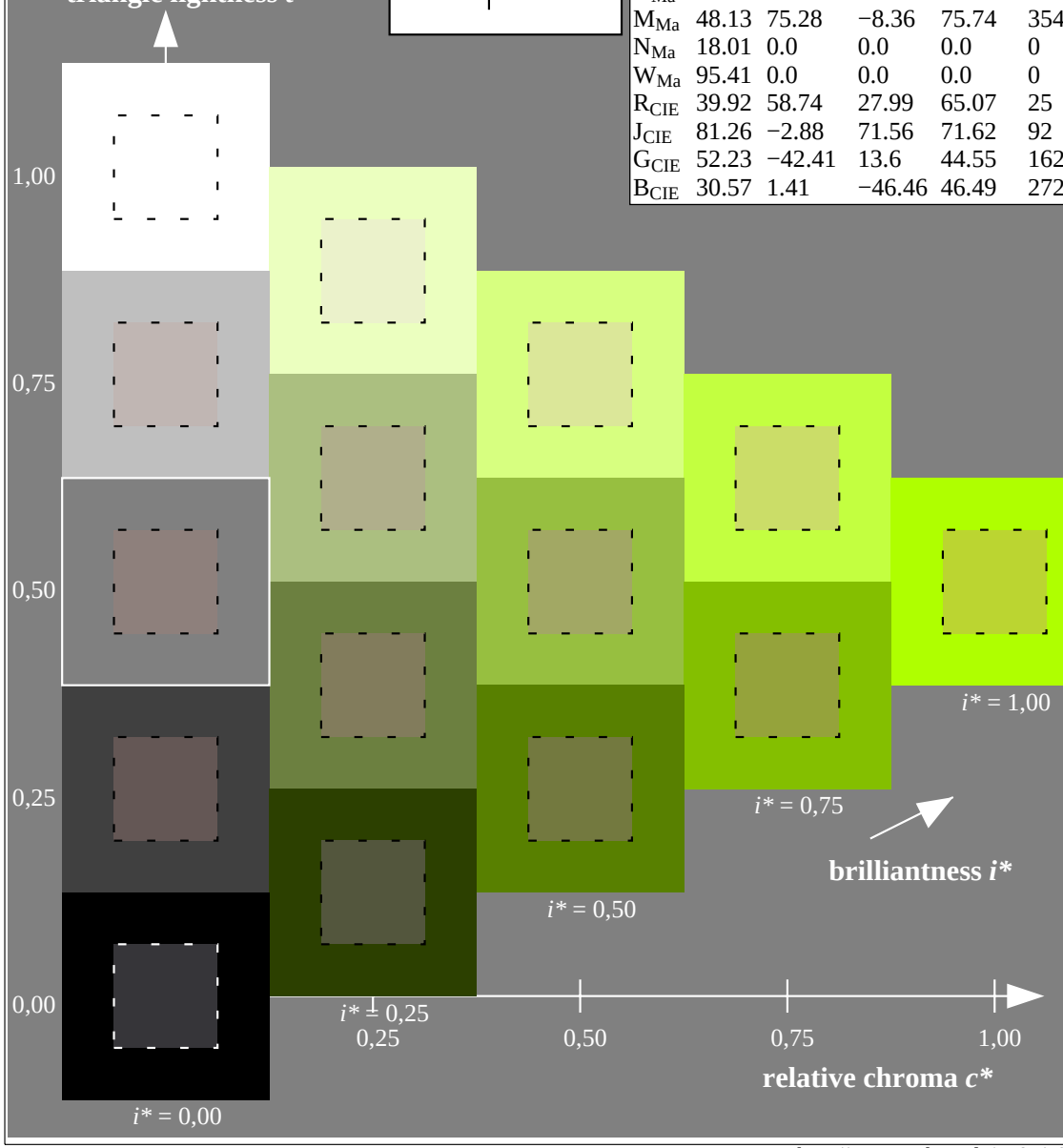
%Regularity

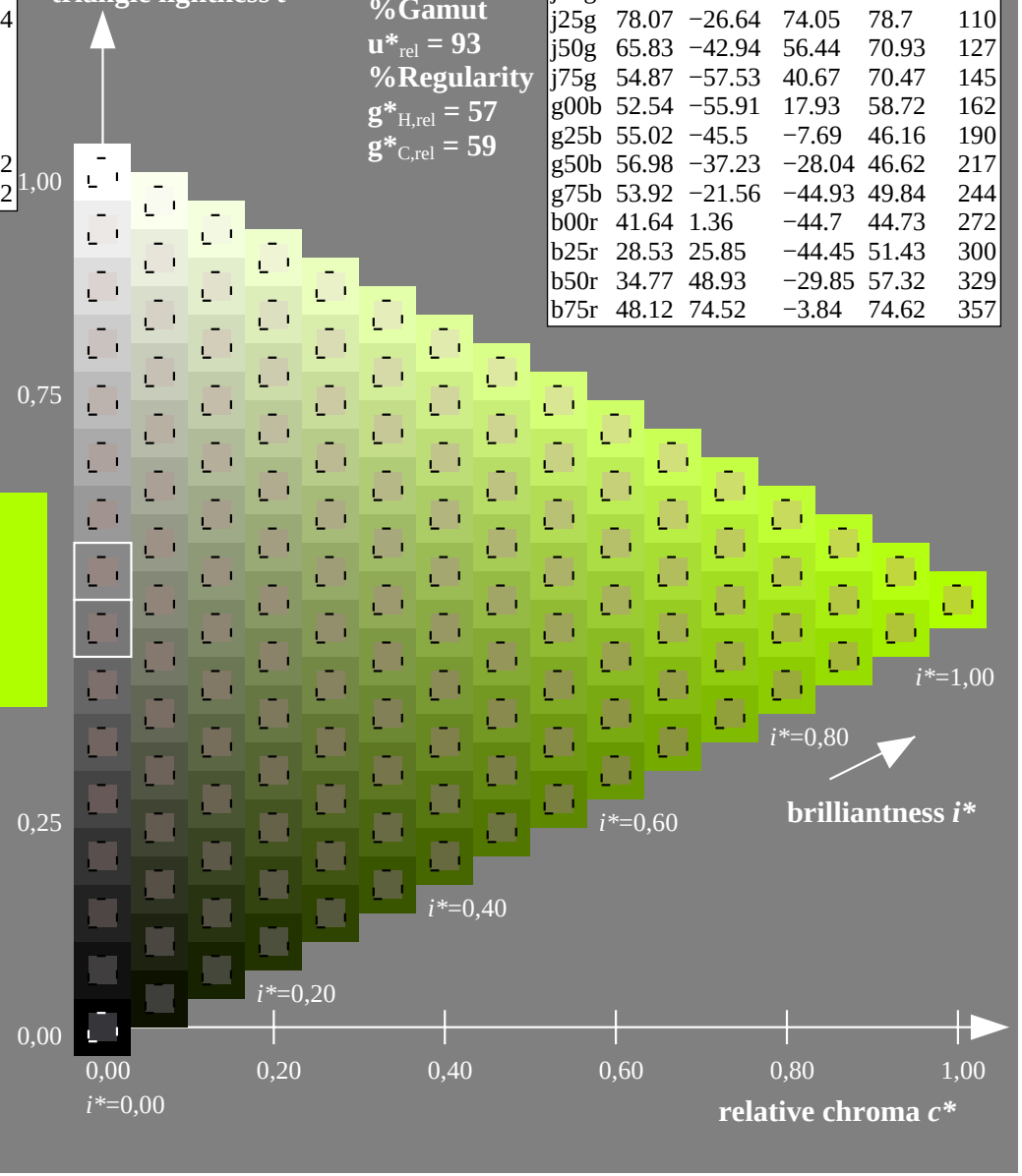
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

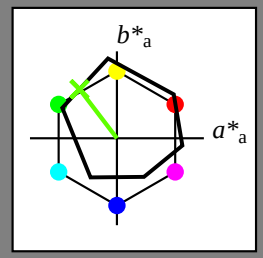
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ ***u* = j50g***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = j50g
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

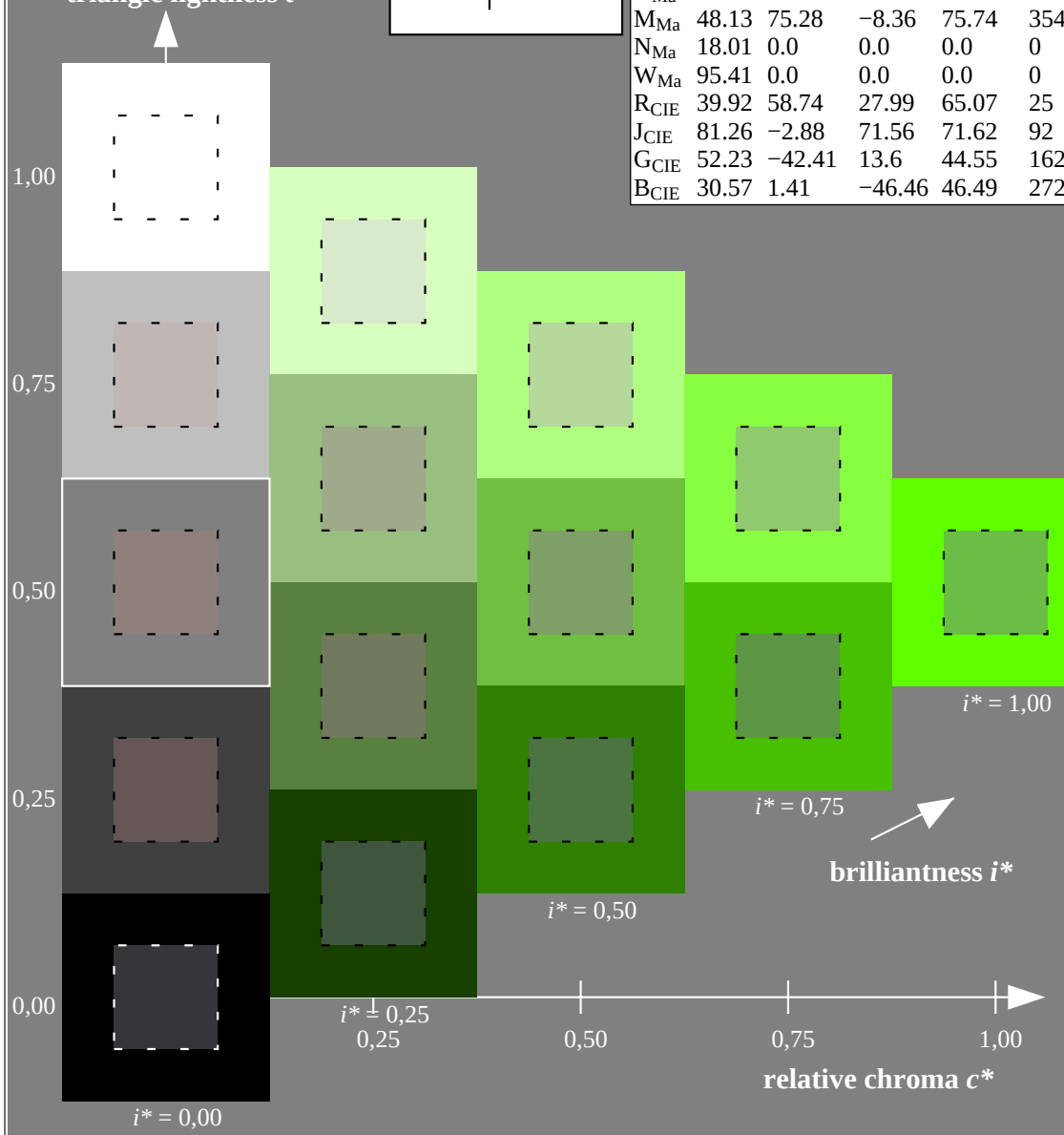
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

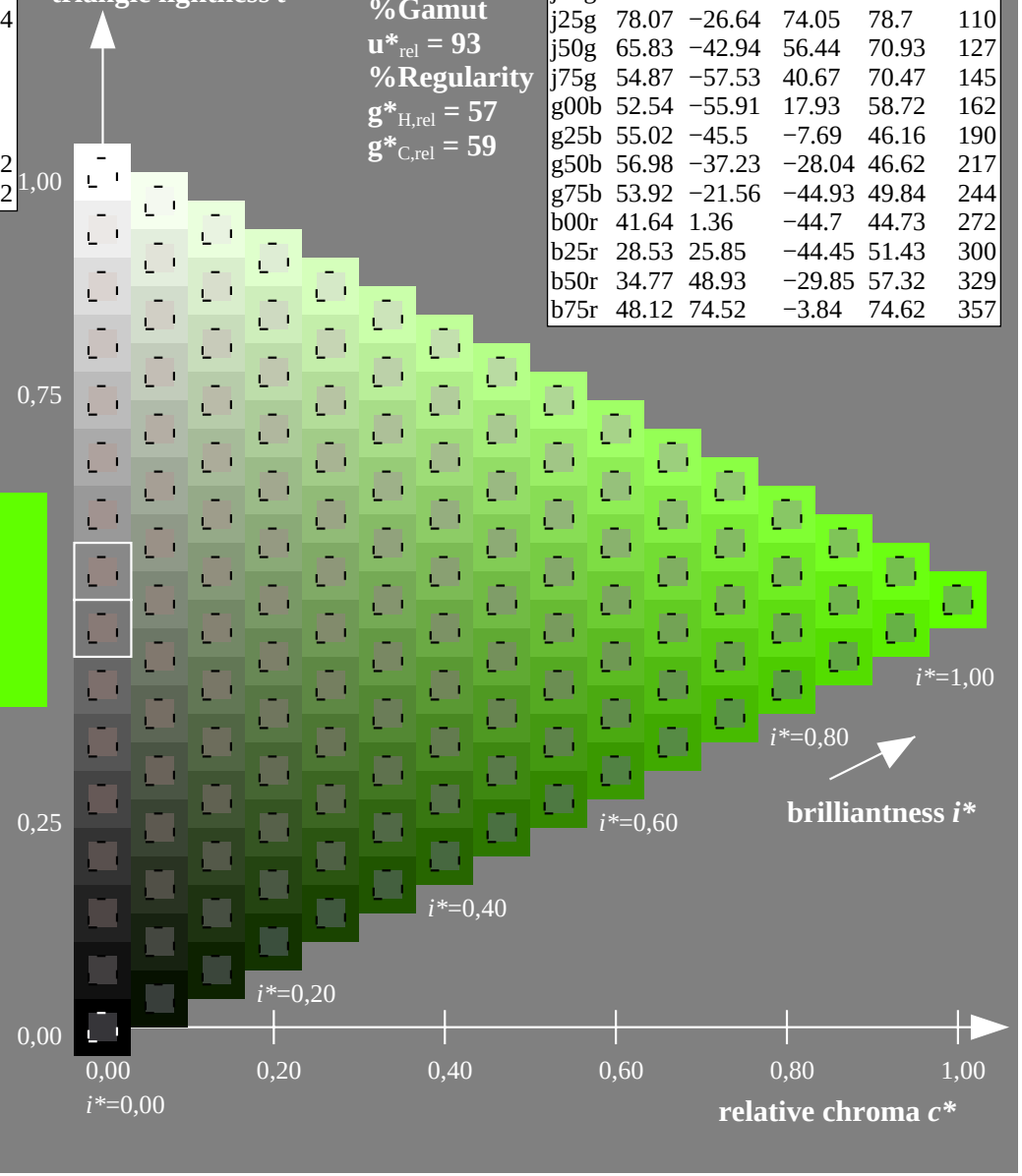
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 66 −42 56**
LAB*LCH*$_{Ma}$**: 66 71 127**
lab*rgb*$_{Ma}$**: 0.5 1.0 0.0**
lab*olv*$_{Ma}$**: 0.38 1.0 0.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ ***u* = j75g***

data for any colour:

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

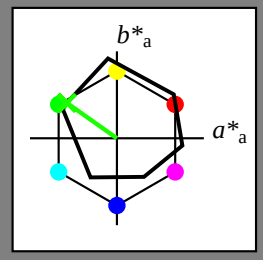
elementary hue text:

u* = j75g

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −57 41**

LAB*LCH*$_{Ma}$**: 55 70 145**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

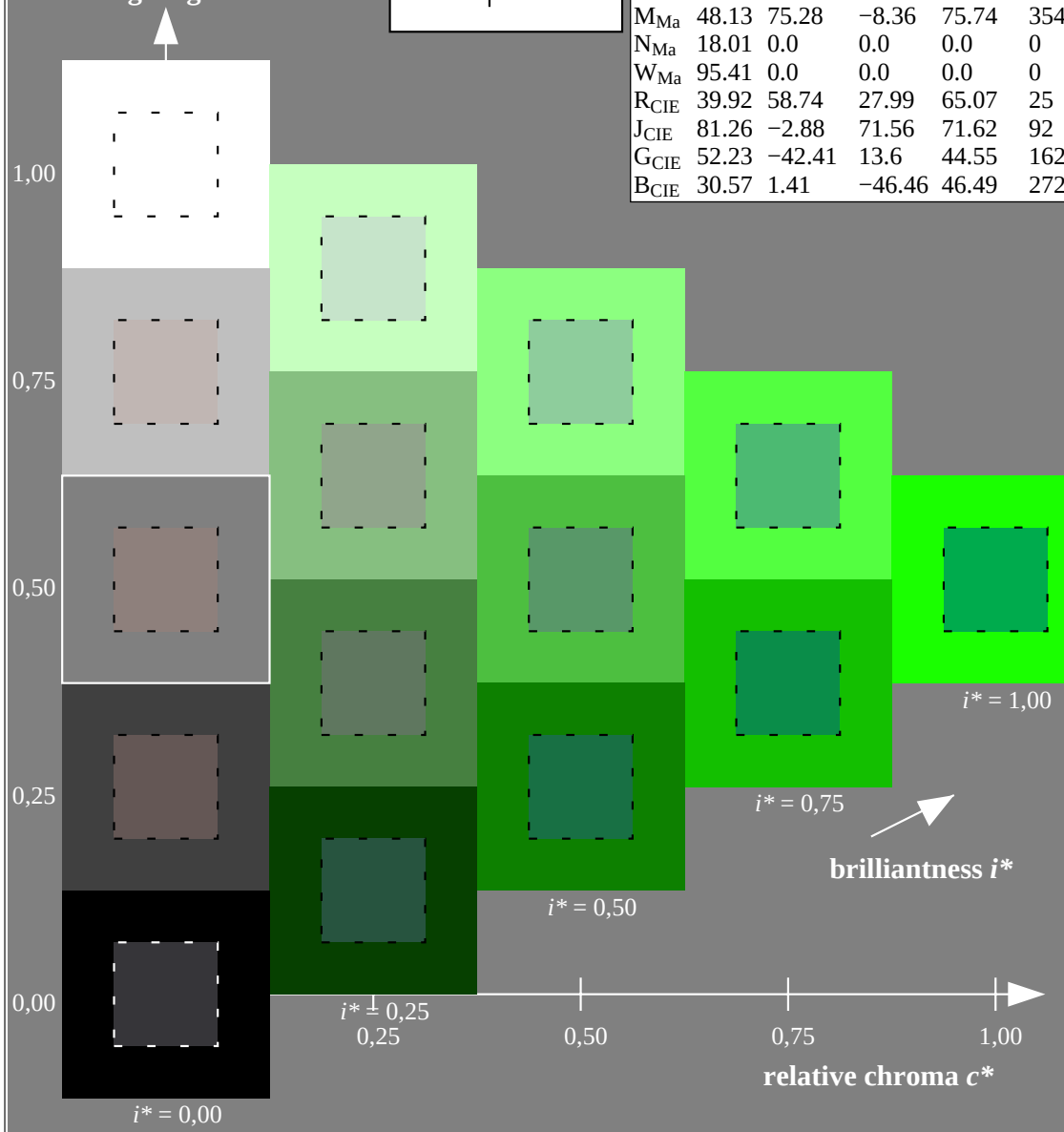
%Regularity

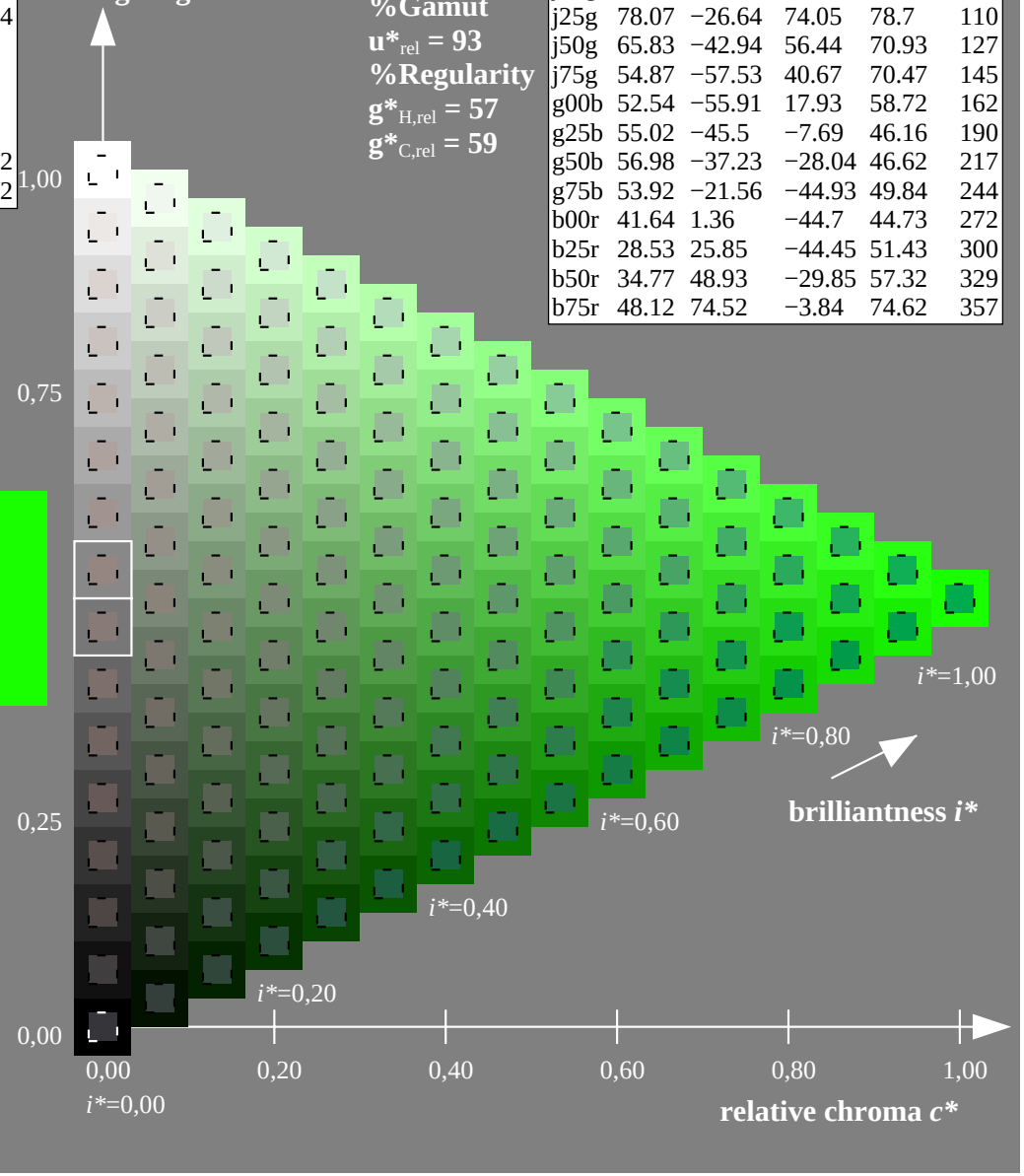
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$ ***u* = g00b***

data for any colour:

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

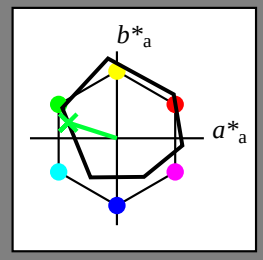
elementary hue text:

u* = g00b

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −55 18**

LAB*LCH*$_{Ma}$**: 53 59 162**

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

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

triangle lightness *t**

%Gamut

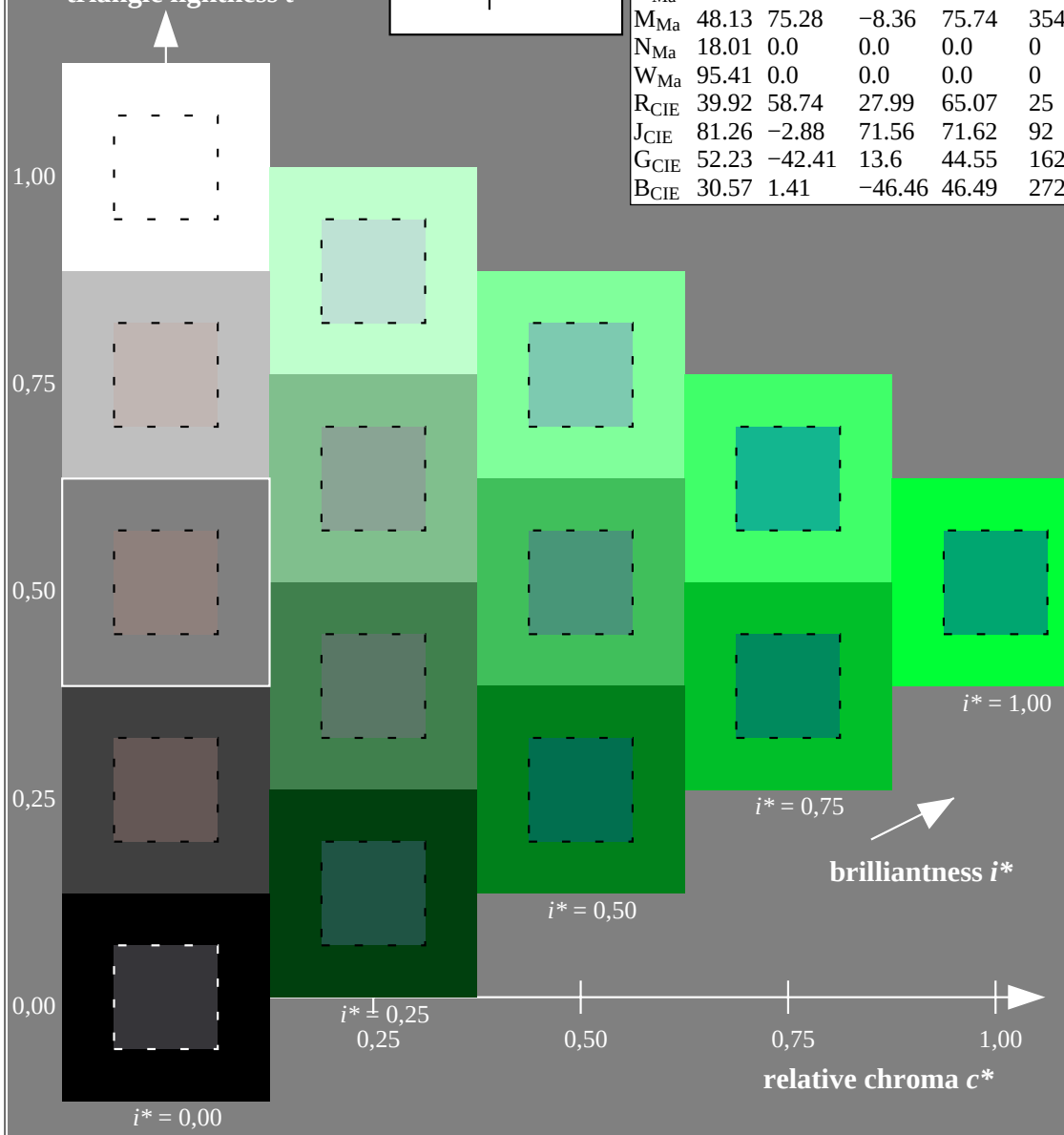
u^*_{rel} = 93

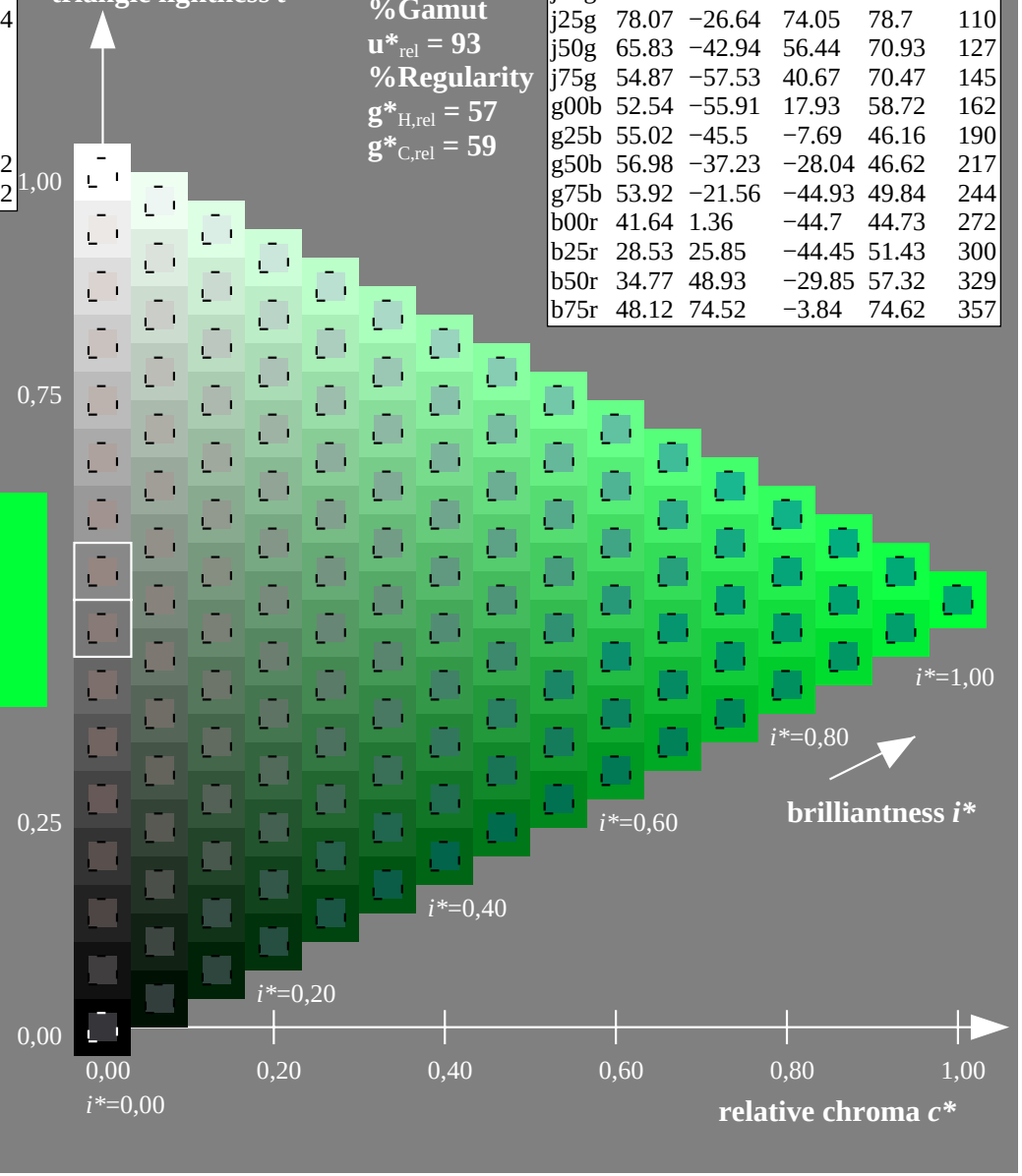
%Regularity

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

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

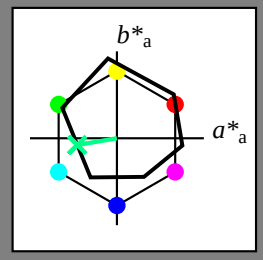
ORS18_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$ ***u* = g25b***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = g25b
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

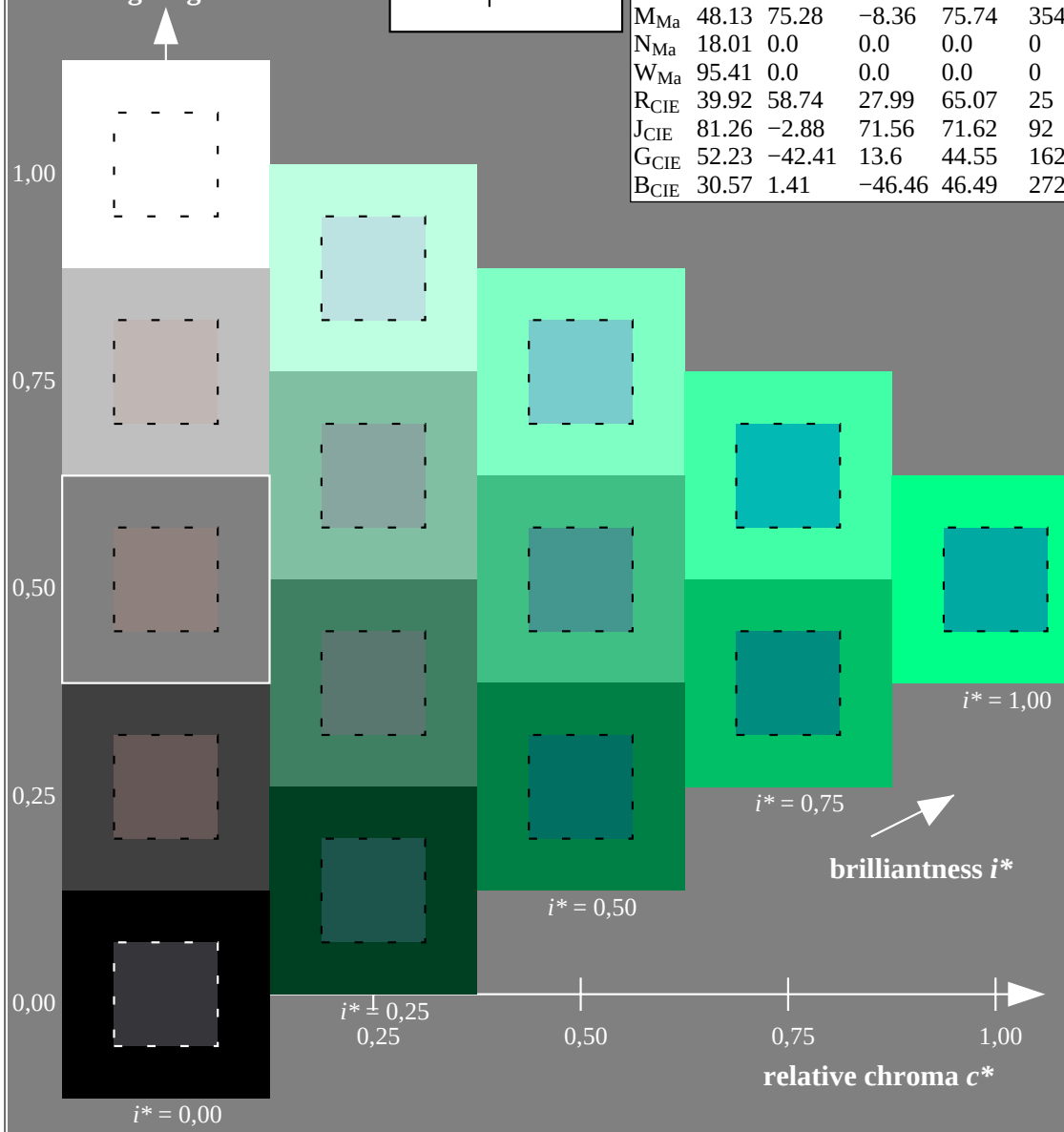
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

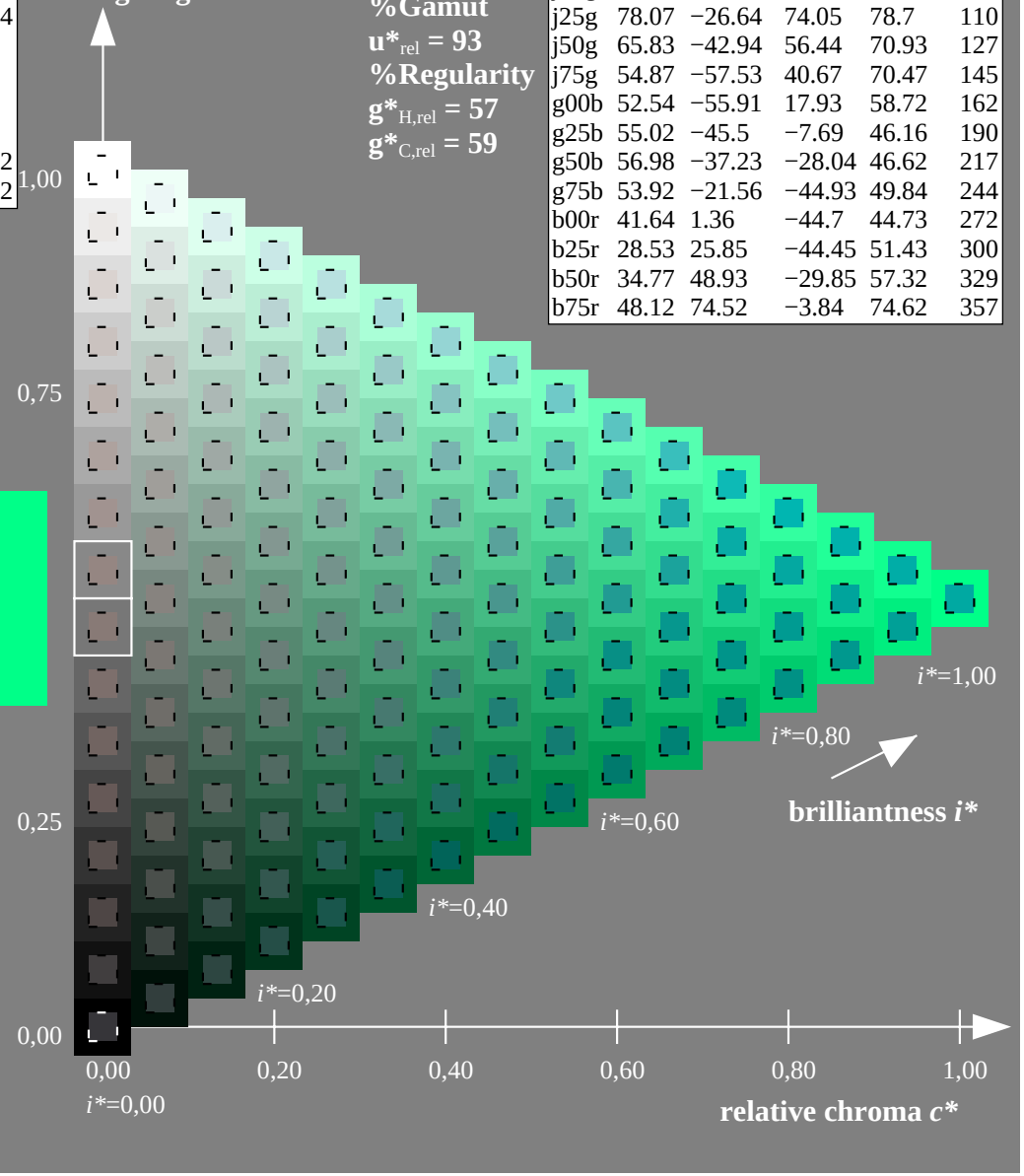
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 55 −45 −7**
LAB*LCH*$_{Ma}$**: 55 46 190**
lab*rgb*$_{Ma}$**: 0.0 1.0 0.5**
lab*olv*$_{Ma}$**: 0.0 1.0 0.53**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

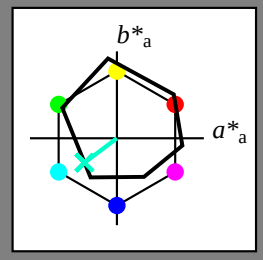
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$ ***u* = g50b***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = g50b
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****

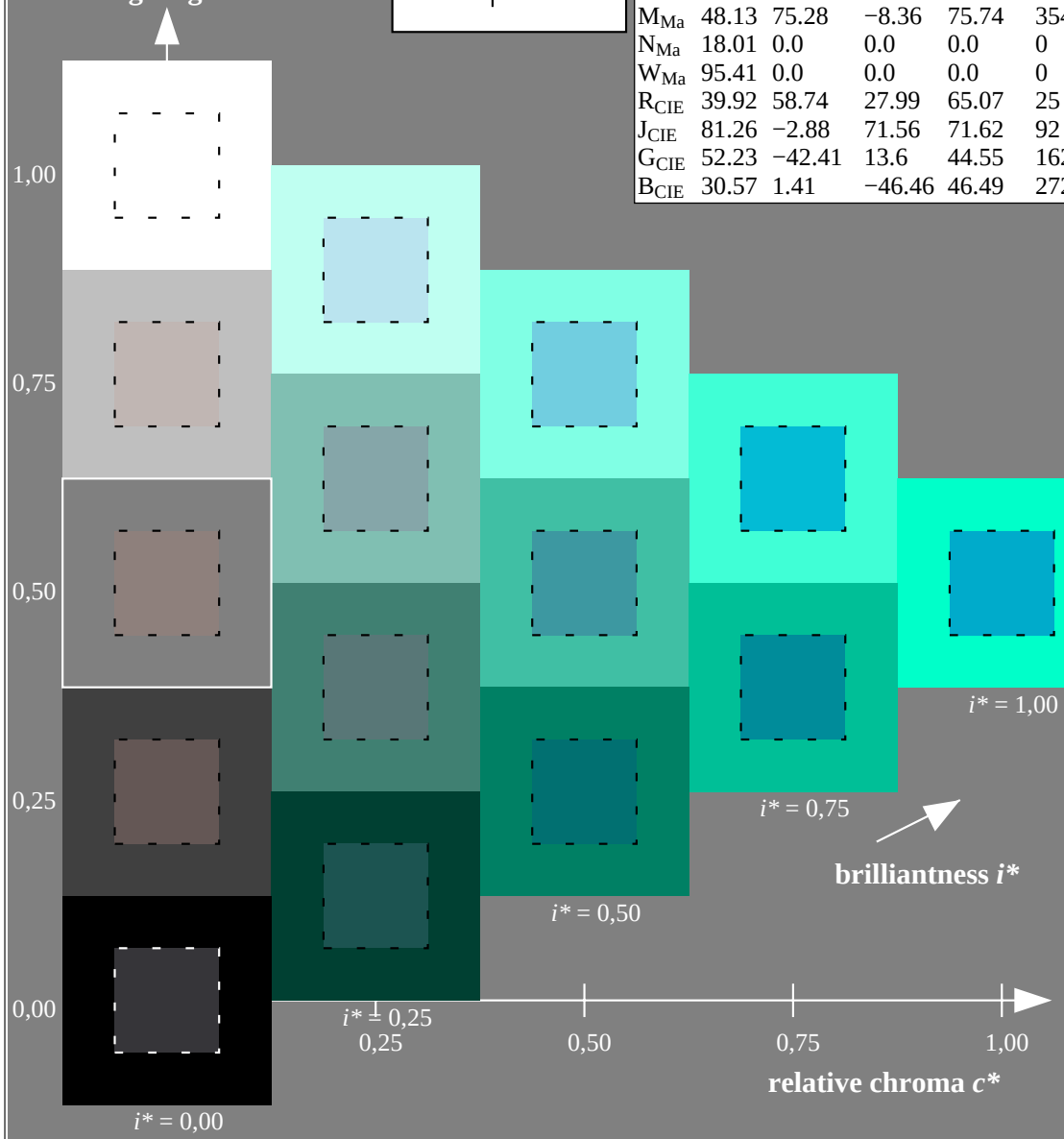


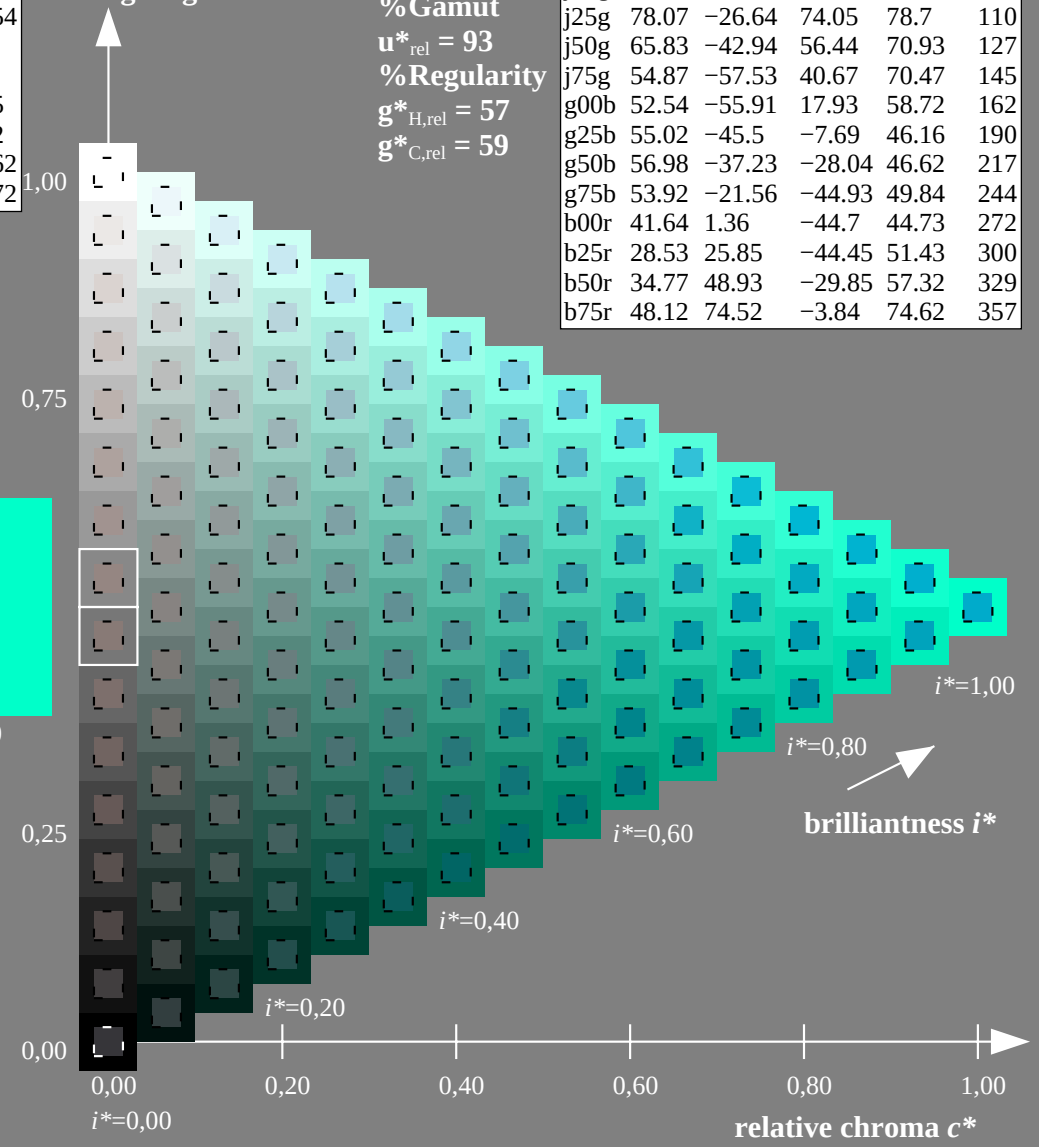
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −36 −27**
LAB*LCH*$_{Ma}$**: 57 47 217**
lab*rgb*$_{Ma}$**: 0.0 1.0 1.0**
lab*olv*$_{Ma}$**: 0.0 1.0 0.79**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

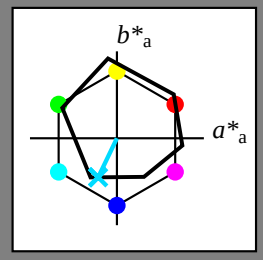
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$ ***u* = g75b***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = g75b
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****

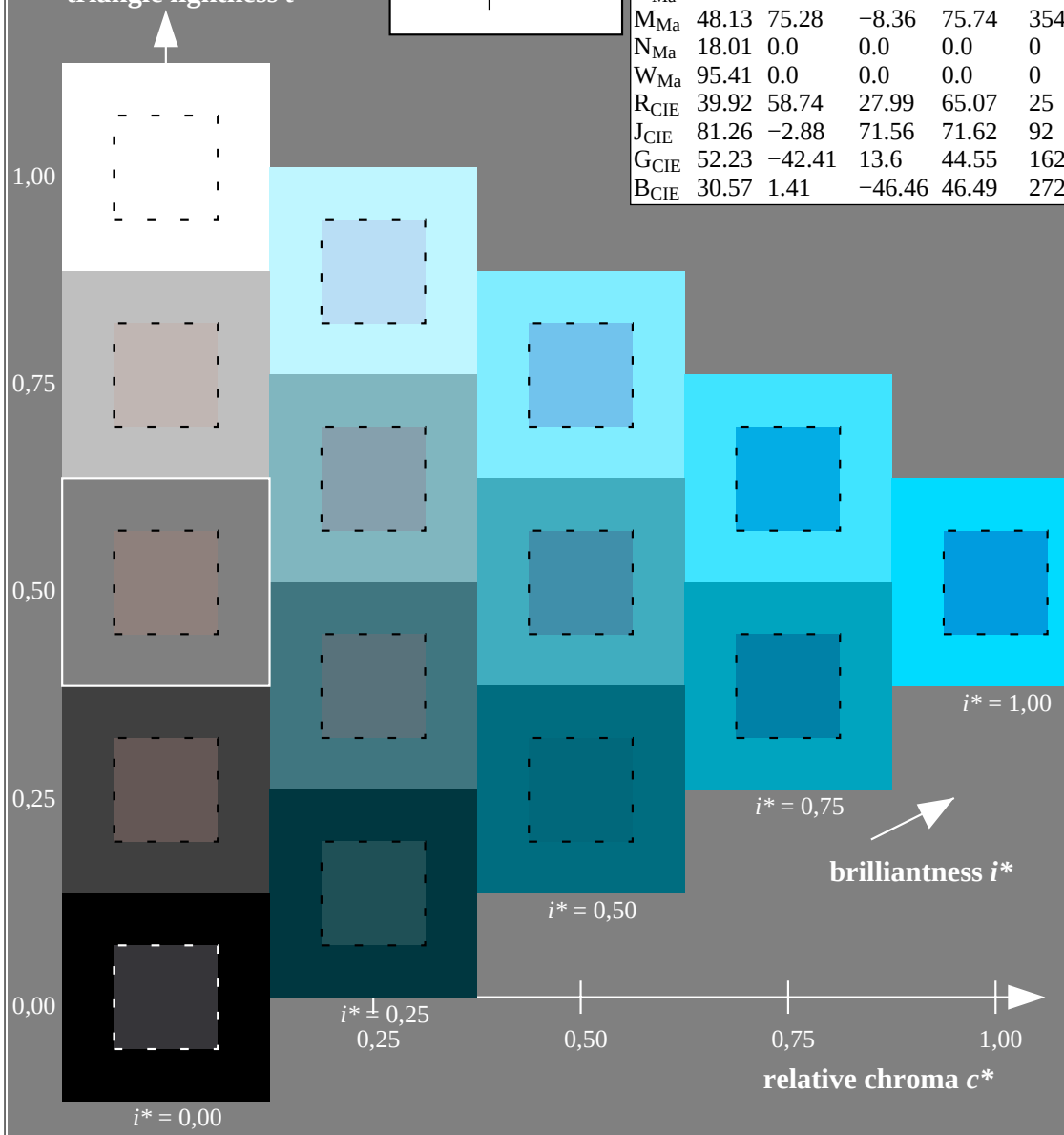


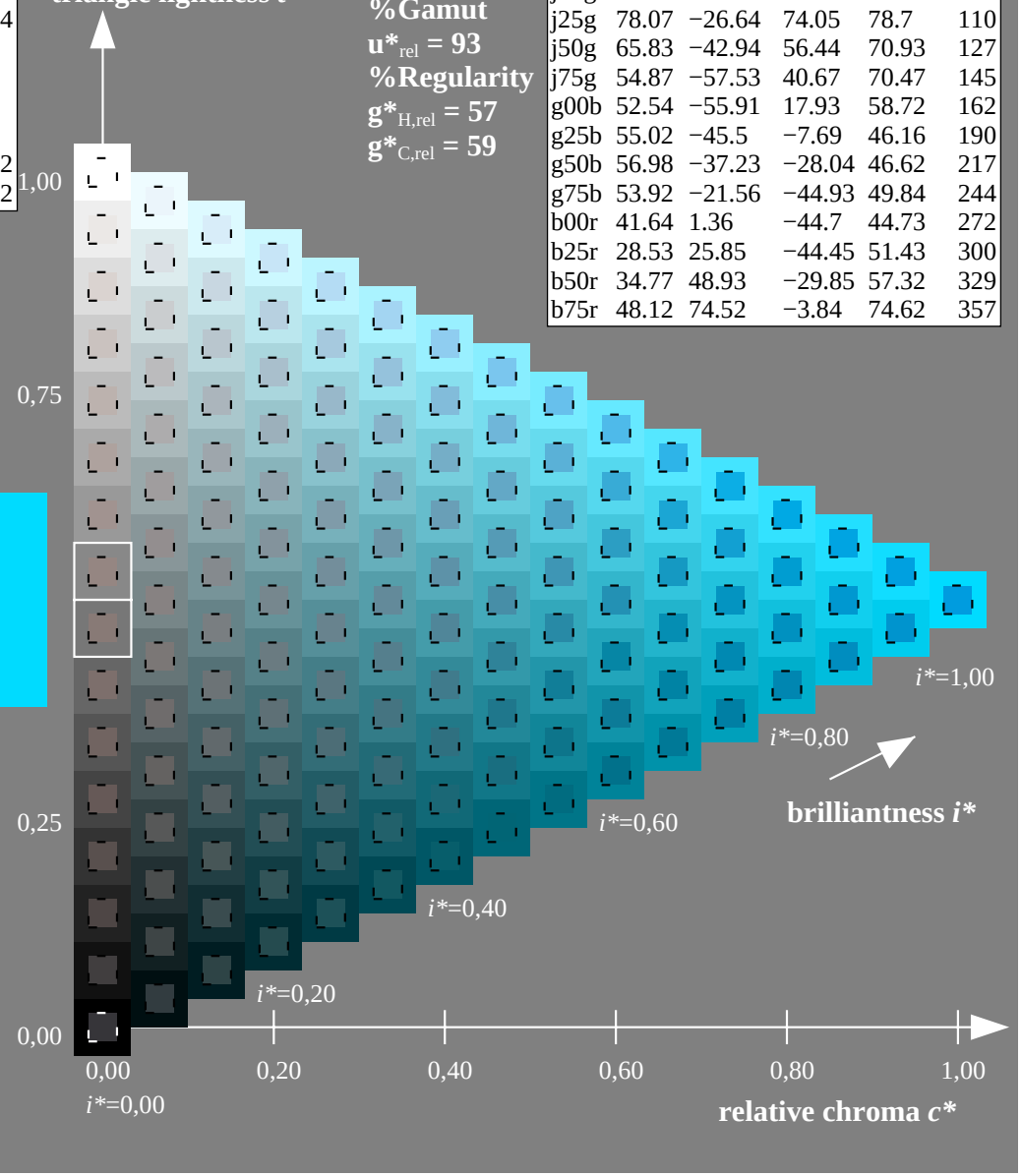
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −21 −44**
LAB*LCH*$_{Ma}$**: 54 50 244**
lab*rgb*$_{Ma}$**: 0.0 0.5 1.0**
lab*olv*$_{Ma}$**: 0.0 0.86 1.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$ ***u* = b00r***

data for any colour:

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

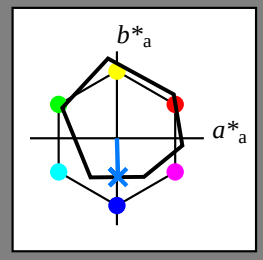
elementary hue text:

u* = b00r

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −44**

LAB*LCH*$_{Ma}$**: 42 45 272**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

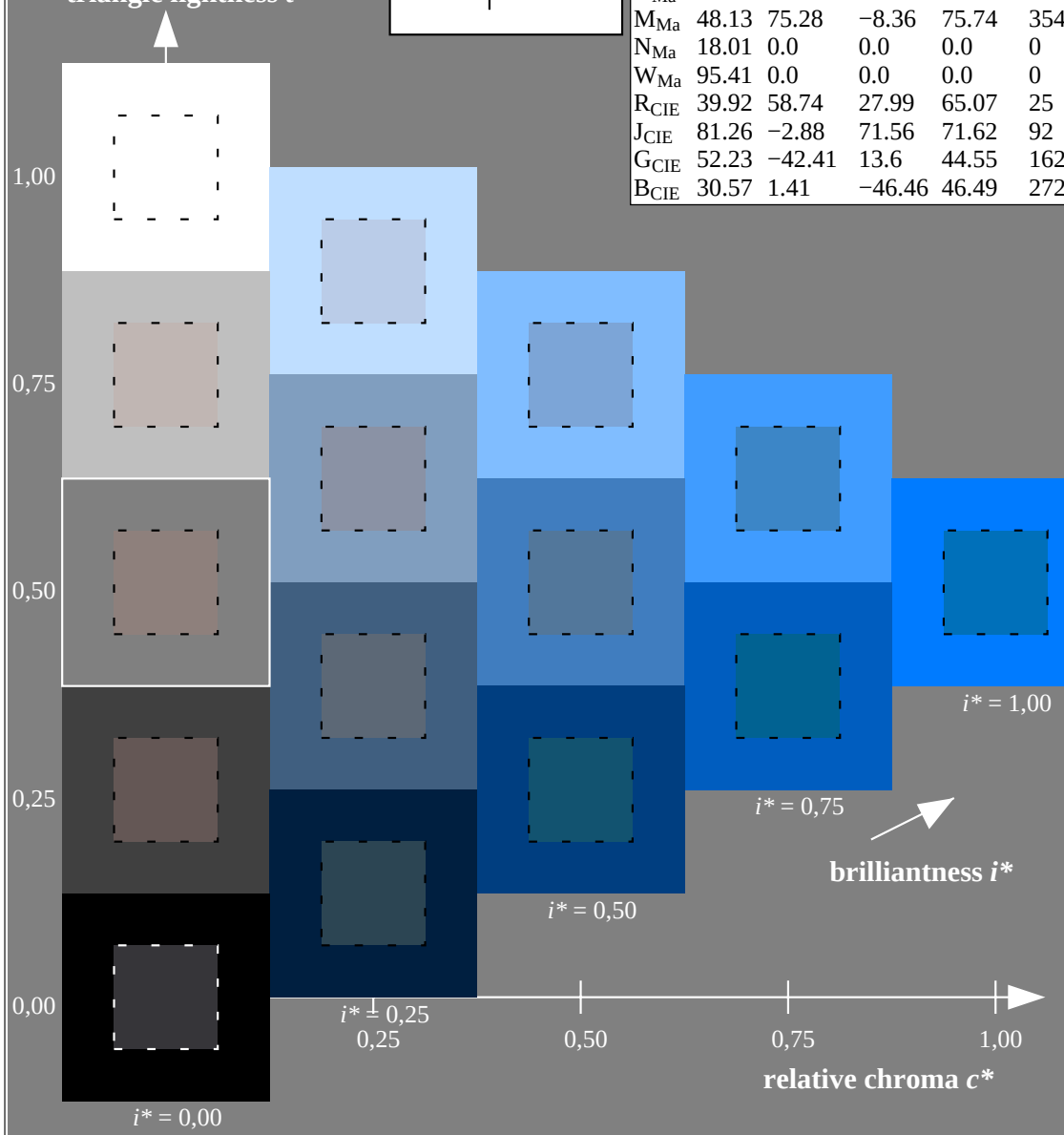
%Regularity

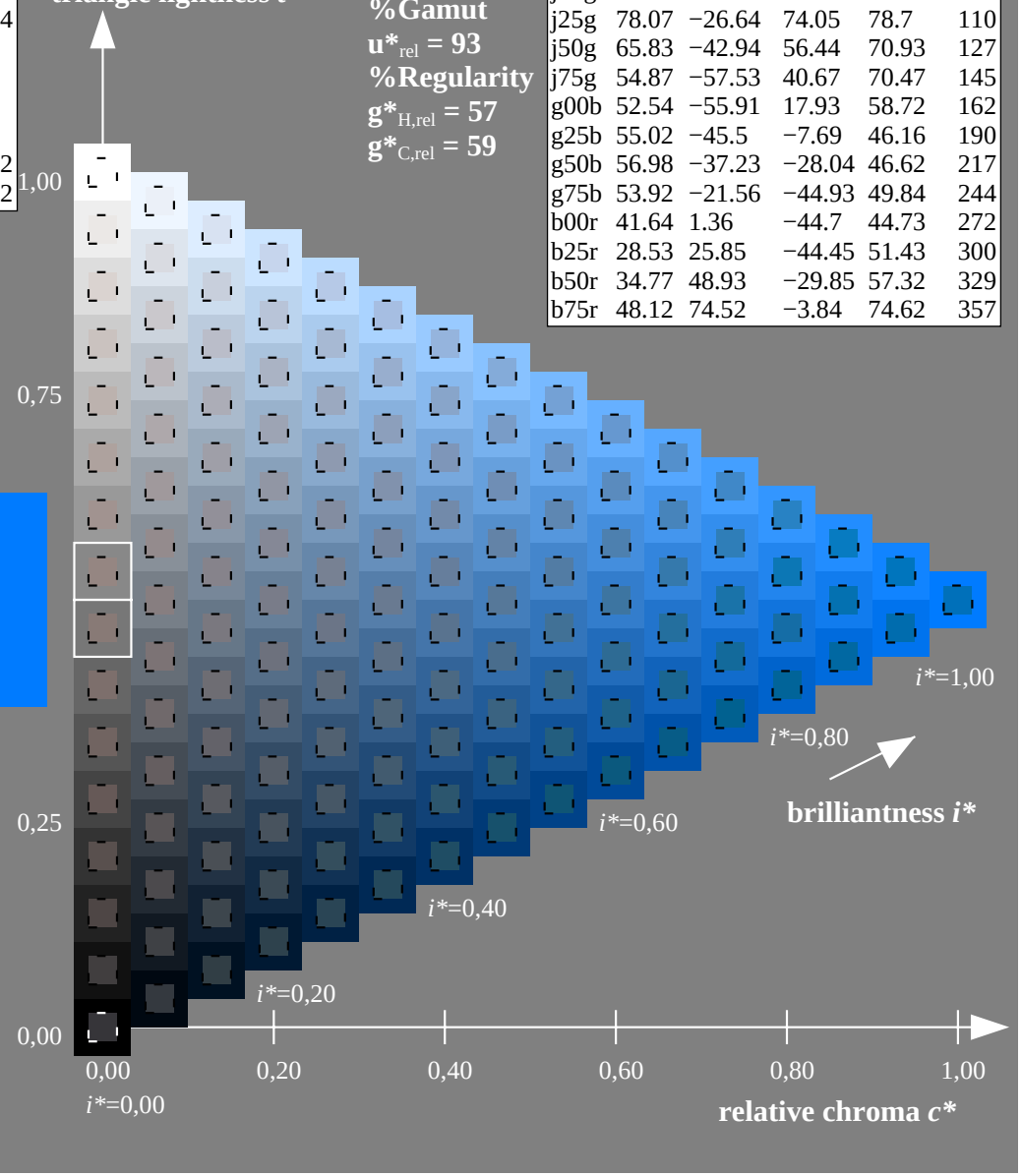
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$ ***u* = b25r***

data for any colour:

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

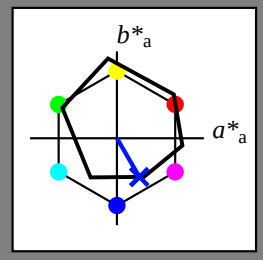
elementary hue text:

u* = b25r

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 26 −43**

LAB*LCH*$_{Ma}$**: 29 51 300**

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

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

triangle lightness *t**

%Gamut

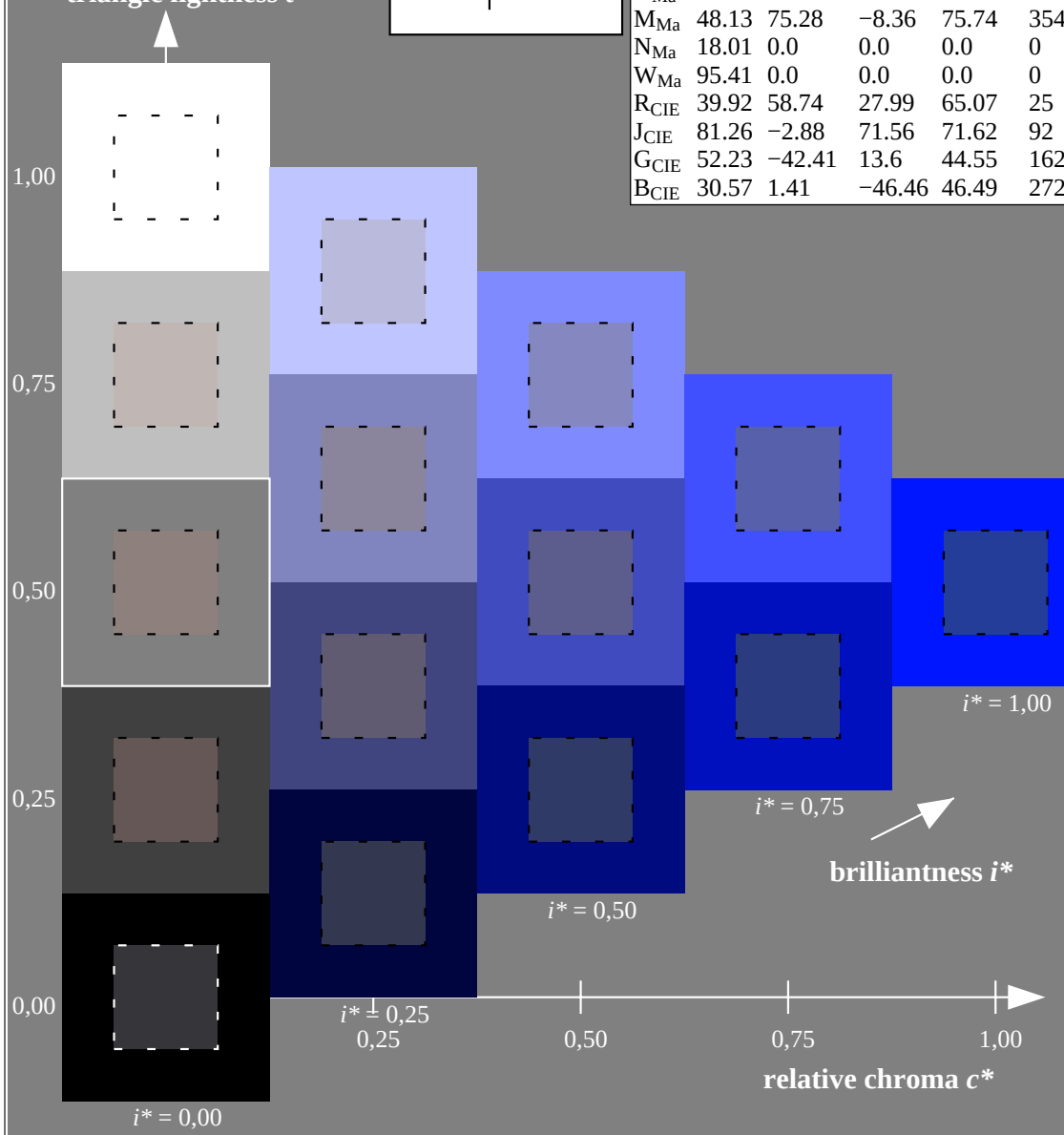
$u^*_{rel} = 93$

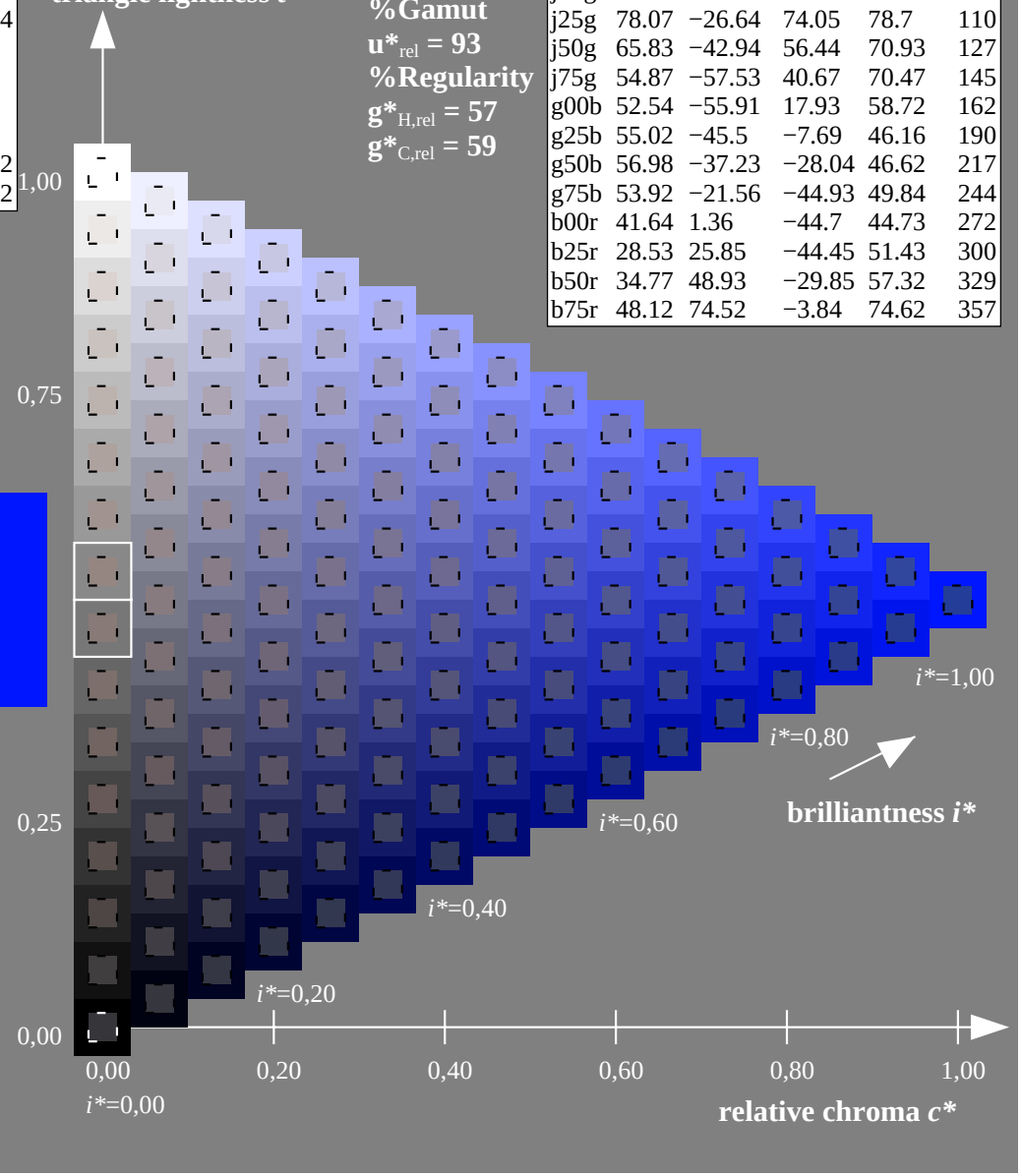
%Regularity

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

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

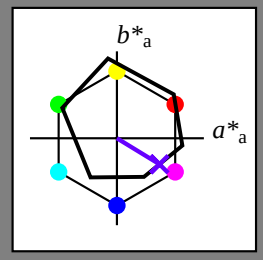
ORS18_95aM; adapted (a) CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$ ***u* = b50r***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = b50r
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

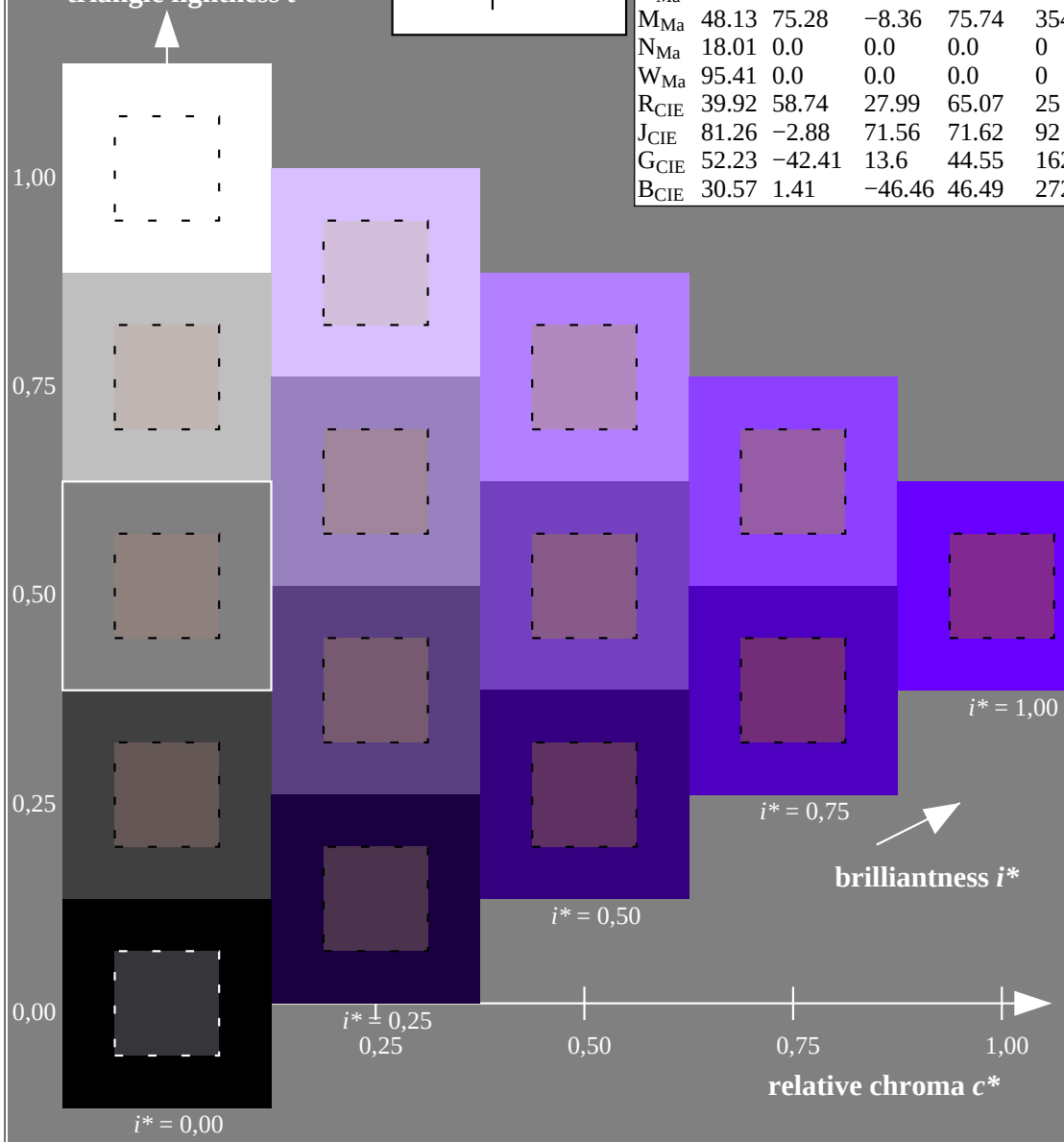
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

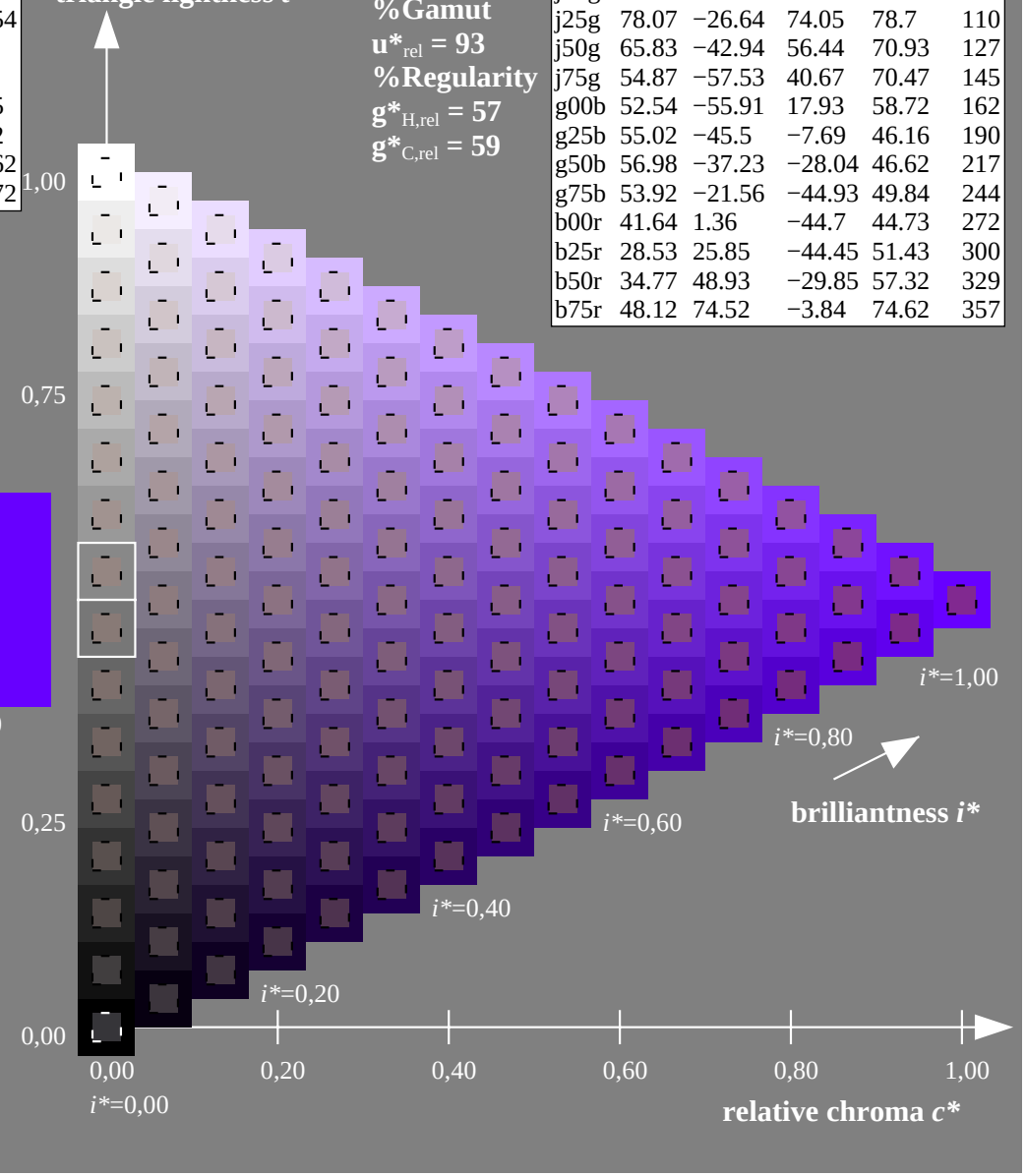
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 35 49 −29**
LAB*LCH*$_{Ma}$**: 35 57 329**
lab*rgb*$_{Ma}$**: 1.0 0.0 1.0**
lab*olv*$_{Ma}$**: 0.4 0.0 1.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$ ***u* = b75r***

data for any colour:

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

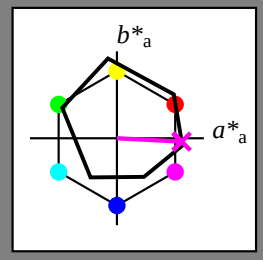
elementary hue text:

u* = b75r

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 75 −3**

LAB*LCH*$_{Ma}$**: 48 75 357**

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

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

triangle lightness *t**

%Gamut

u^*_{rel} = 93

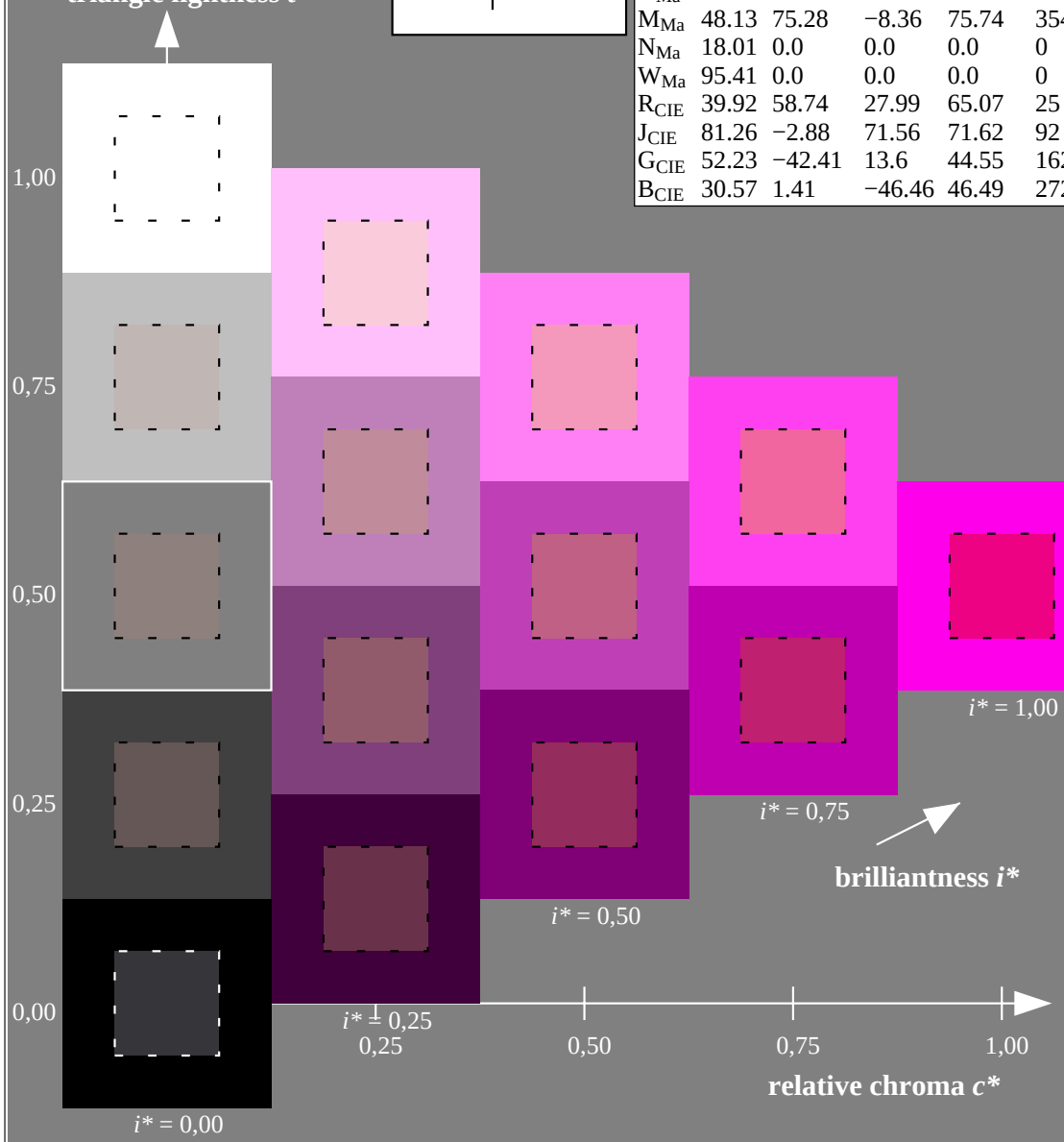
%Regularity

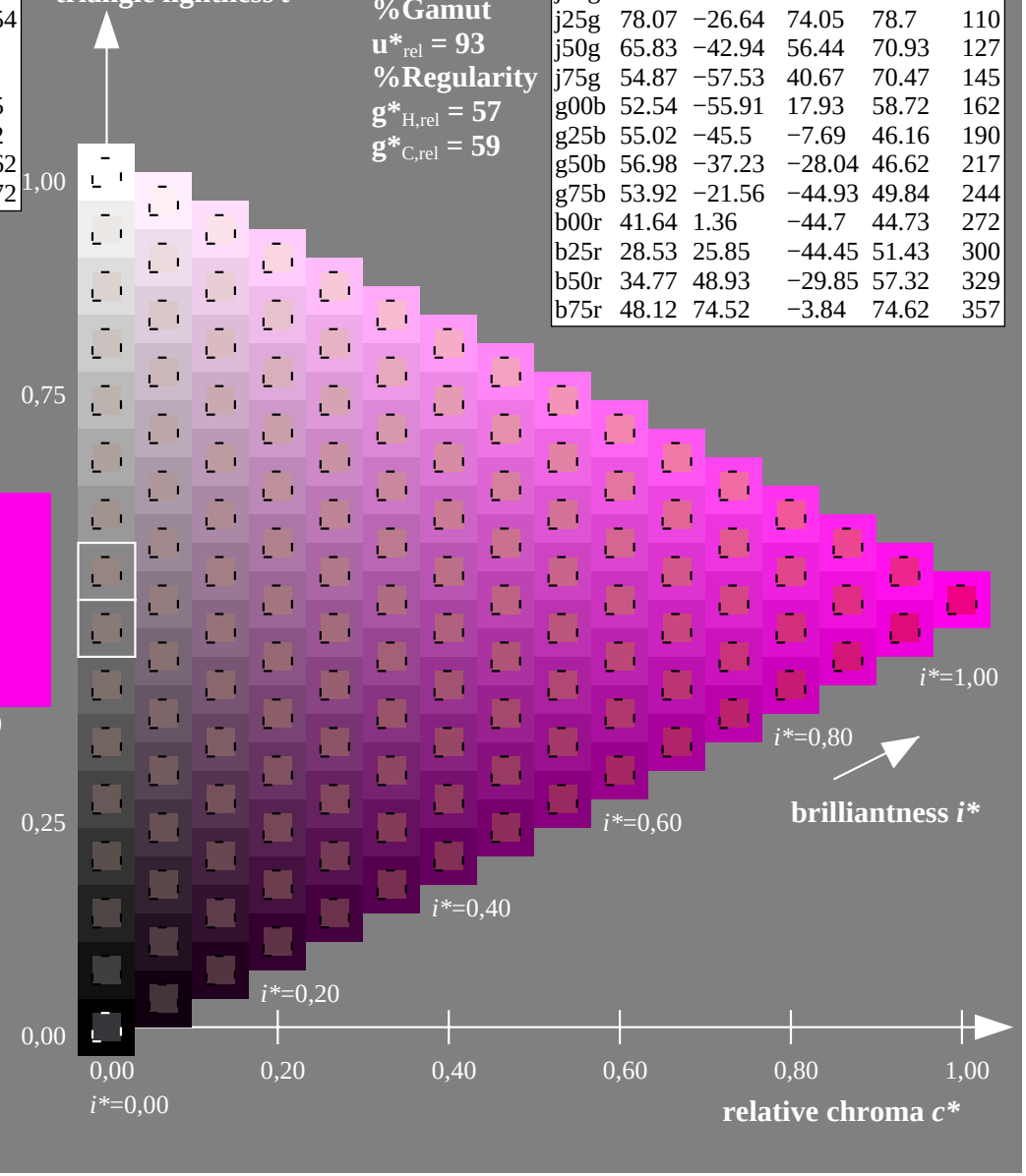
$g^*_{H,rel}$ = 57

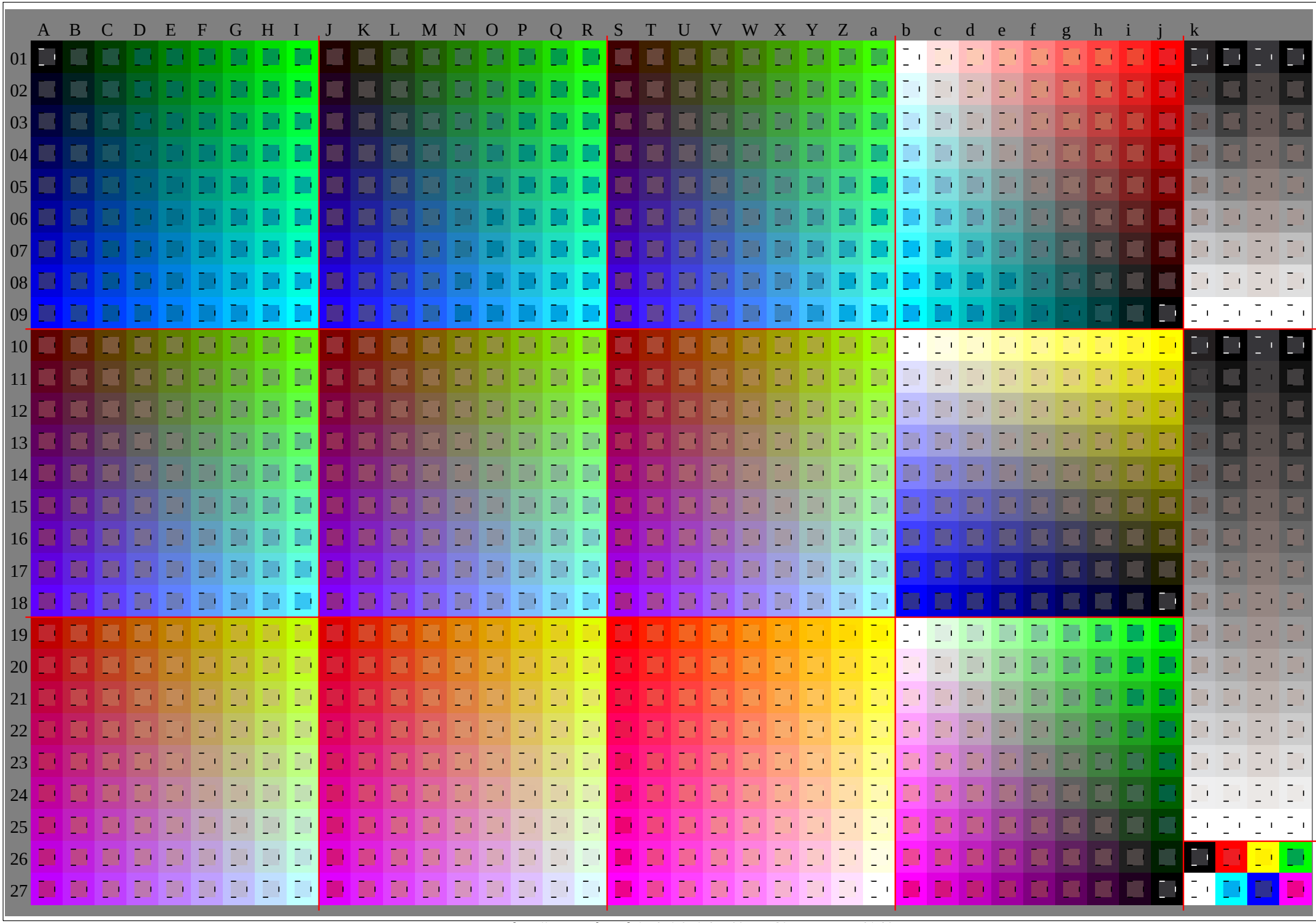
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



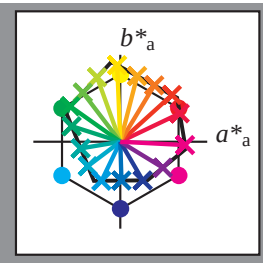



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u** = 16 hues *r00j, r25j, ..., b75r
contrast reduction factor:
$c_R = 1.0$

ORS18_95aM; adapted (a) CIELAB data

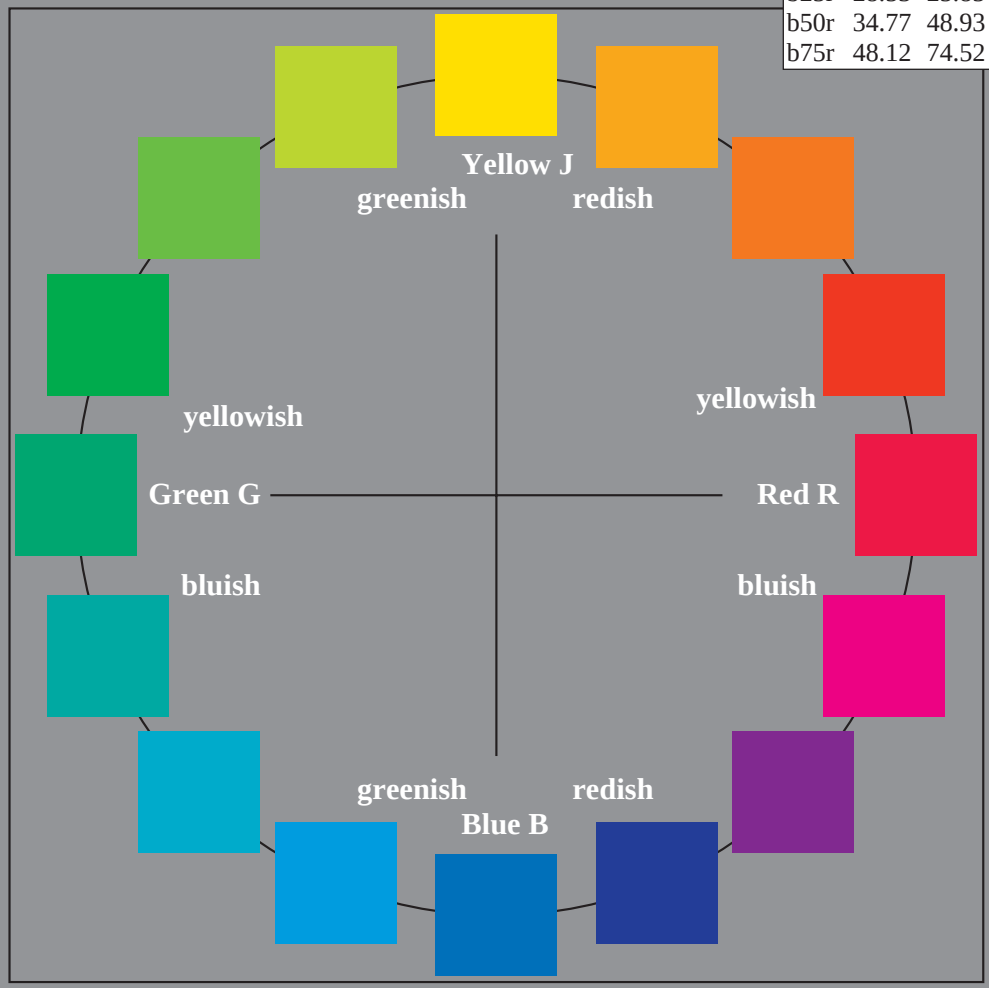
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

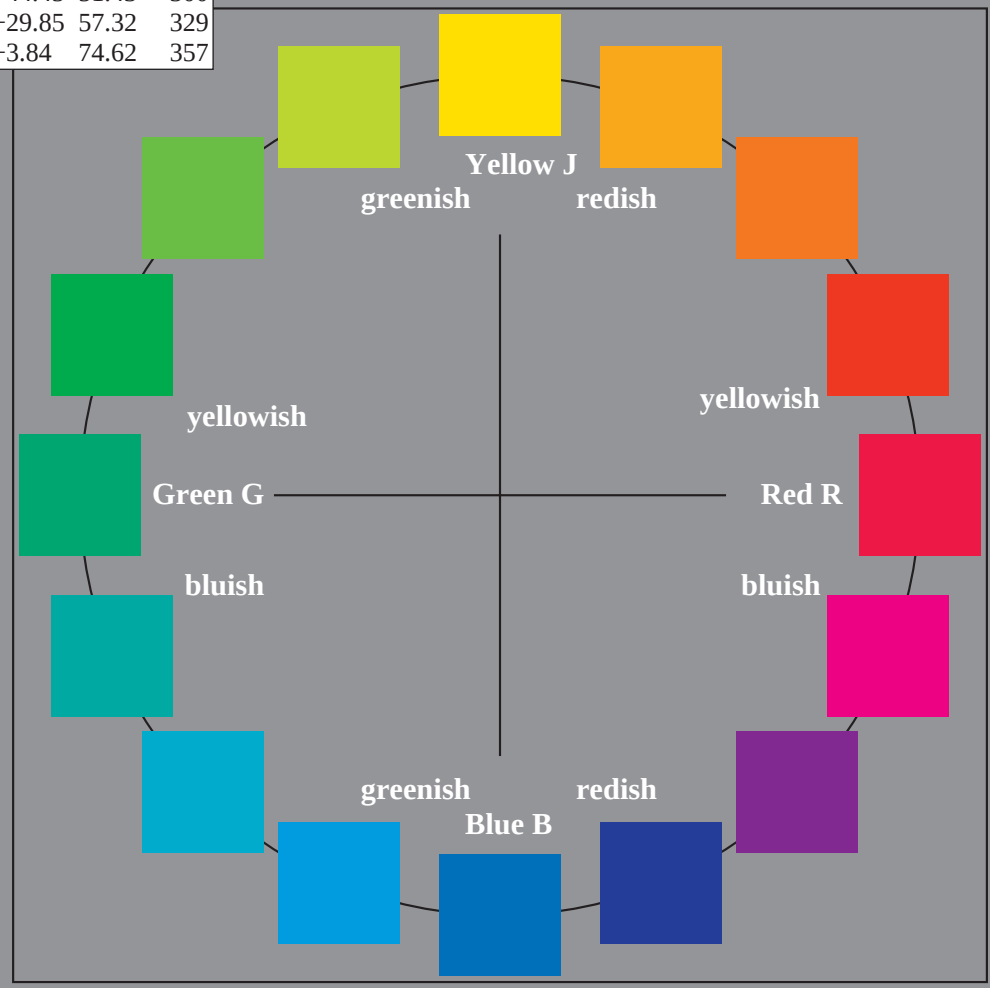


%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

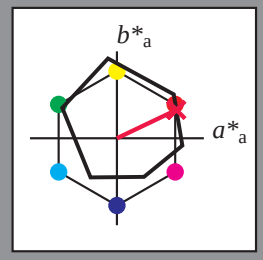
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	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 ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ ***u* = r00j***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = r00j
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

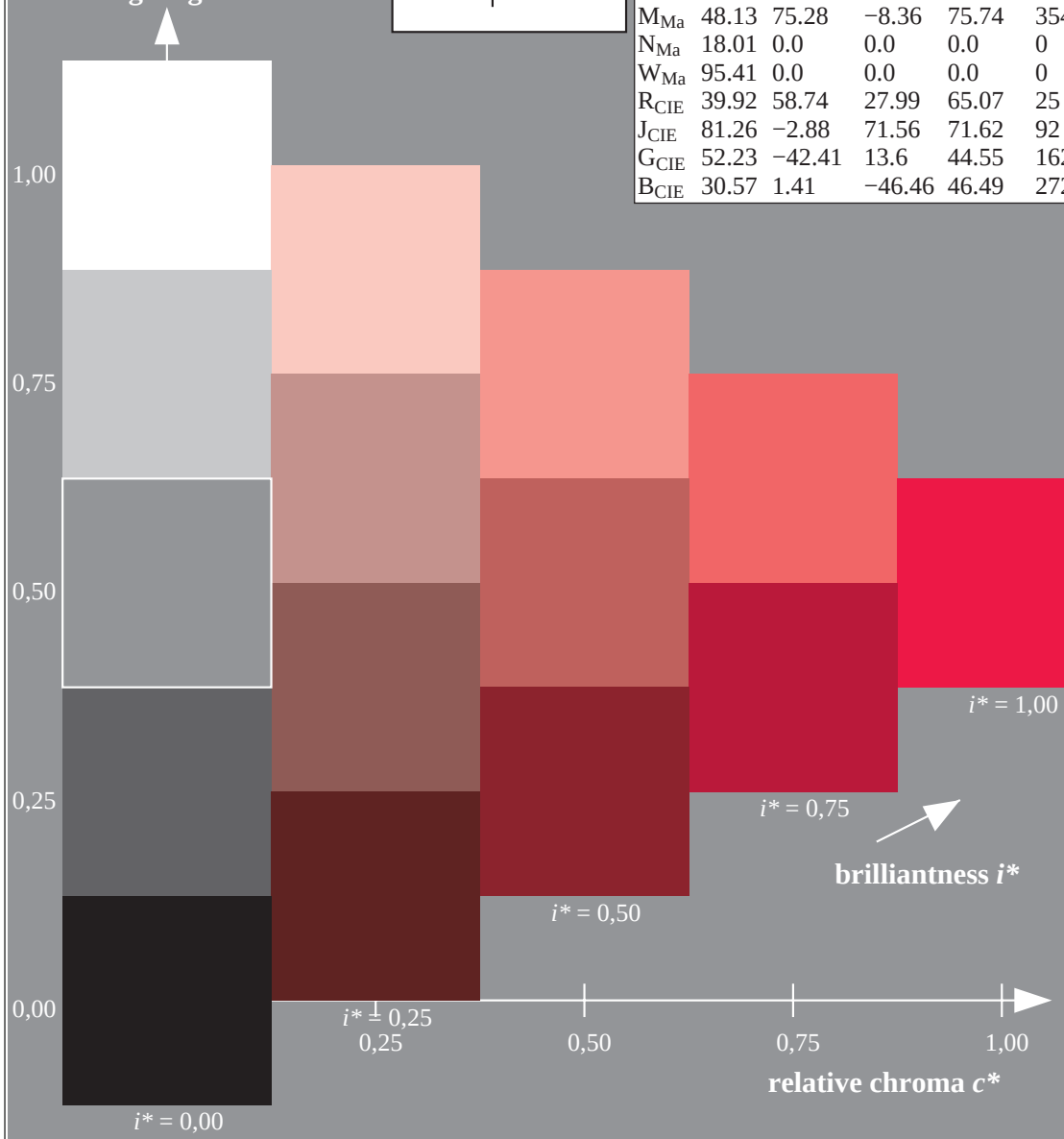
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

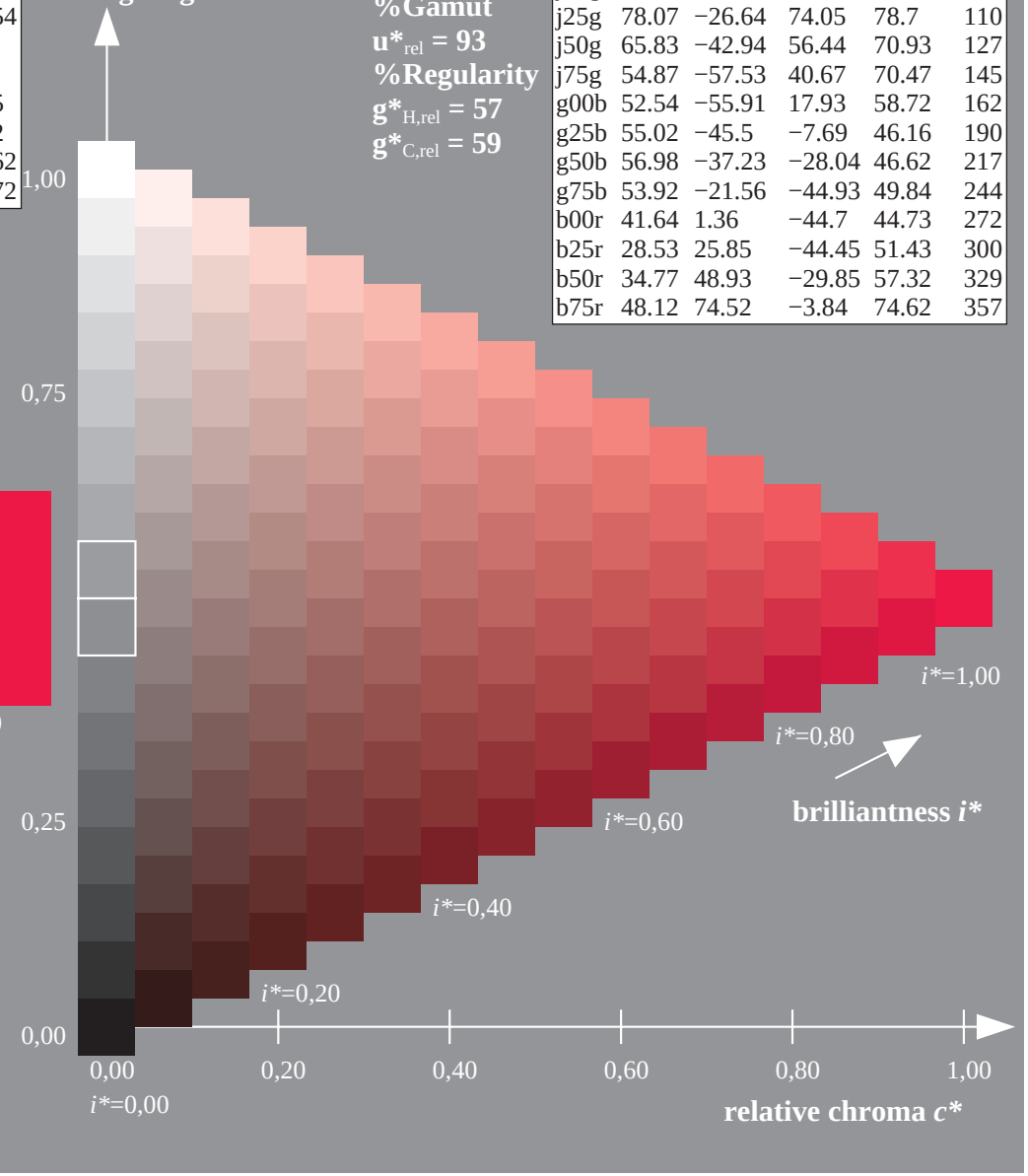
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 48 68 33**
LAB*LCH*$_{Ma}$**: 48 76 25**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.0**
lab*olv*$_{Ma}$**: 1.0 0.0 0.3**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

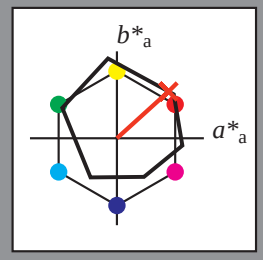
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ ***u* = r25j***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = r25j
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

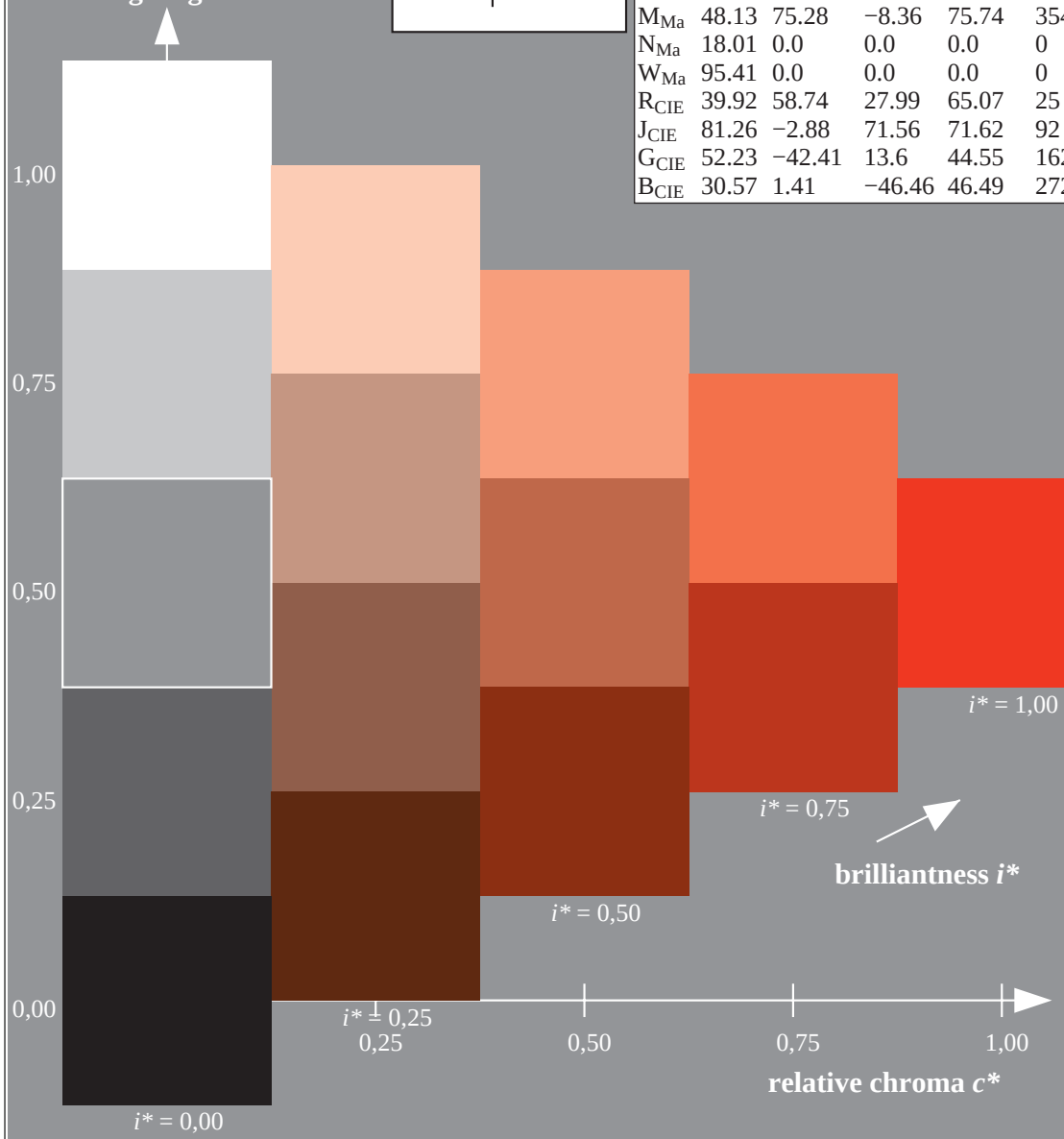
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

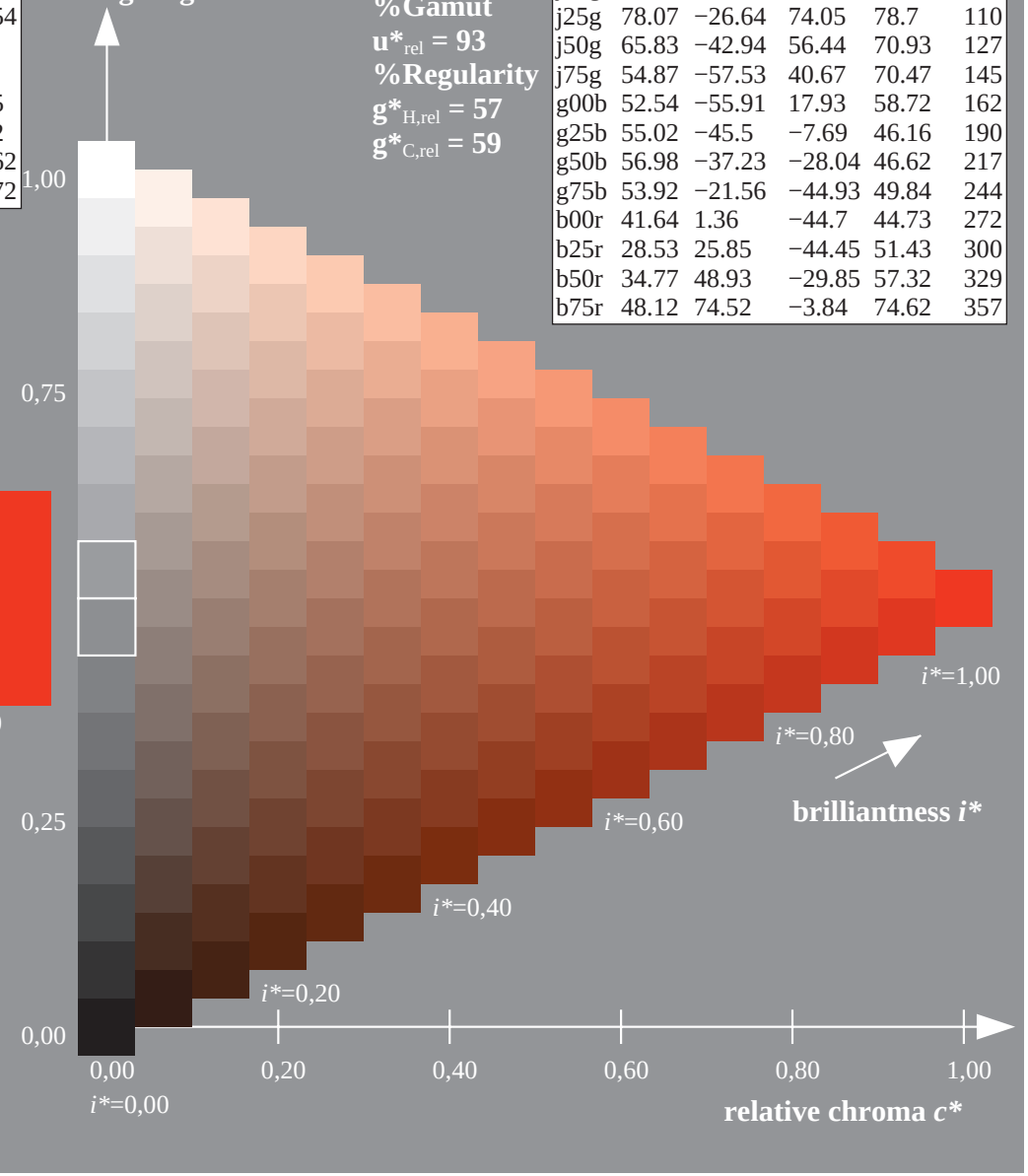
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 51 59 54**
LAB*LCH*$_{Ma}$**: 51 80 42**
lab*rgb*$_{Ma}$**: 1.0 0.25 0.0**
lab*olv*$_{Ma}$**: 1.0 0.08 0.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

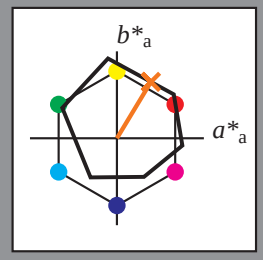
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ ***u* = r50j***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = r50j
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 39 65**
LAB*LCH*$_{Ma}$**: 63 76 59**
lab*rgb*$_{Ma}$**: 1.0 0.5 0.0**
lab*olv*$_{Ma}$**: 1.0 0.35 0.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

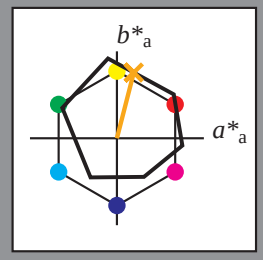
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

1,00
0,75
0,50
0,25
0,00
*i** = 0,00
*i** ± 0,25
*i** = 0,50
*i** = 0,75
*i** = 1,00
0,25
0,50
0,75
1,00
relative chroma ***c****
brilliantness ***i****

1,00
0,75
0,25
0,00
*i**=0,00
*i**=0,20
*i**=0,40
*i**=0,60
*i**=0,80
*i**=1,00
0,00
0,20
0,40
0,60
0,80
1,00
relative chroma ***c****
brilliantness ***i****

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ ***u* = r75j***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = r75j
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

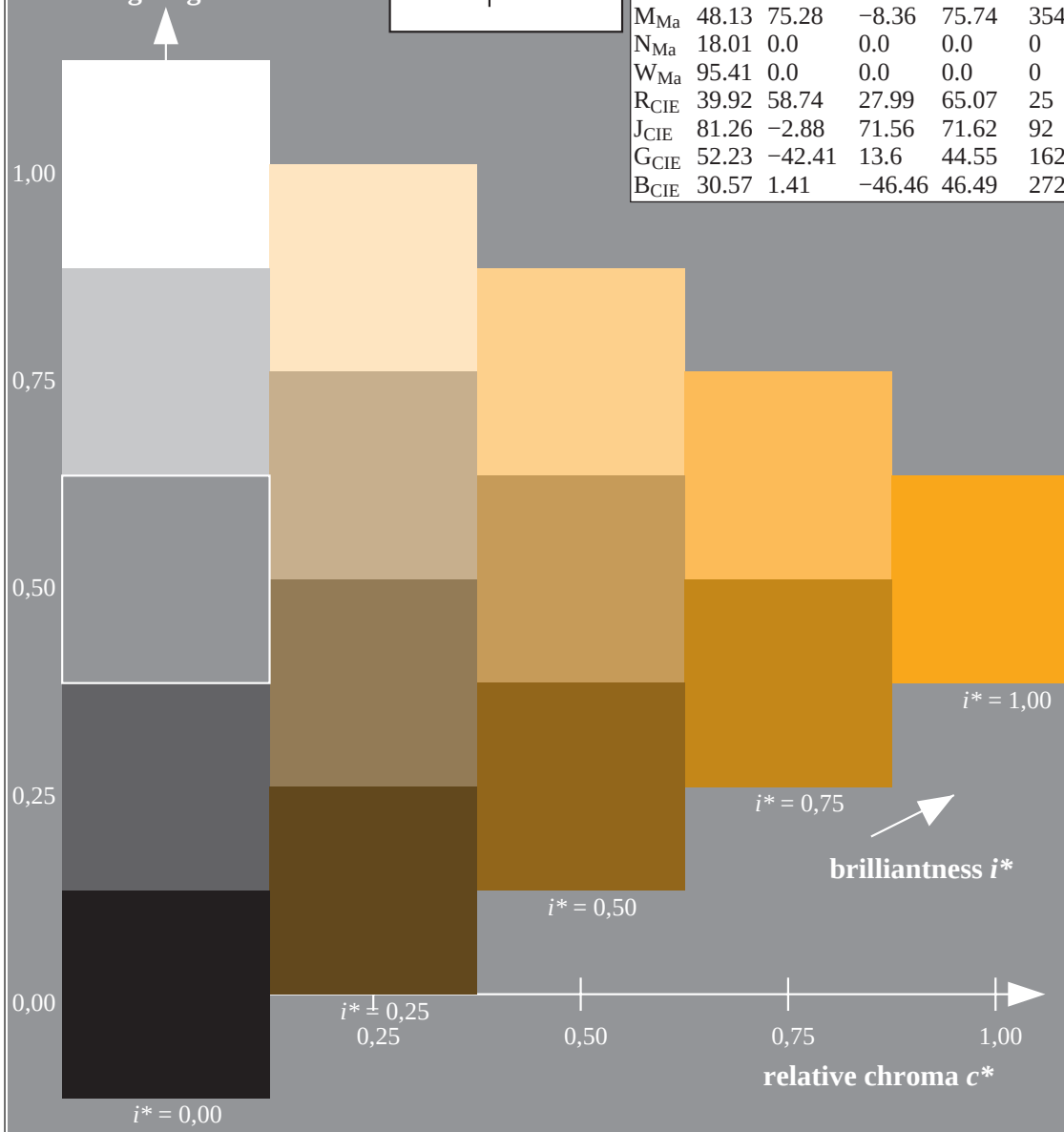
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

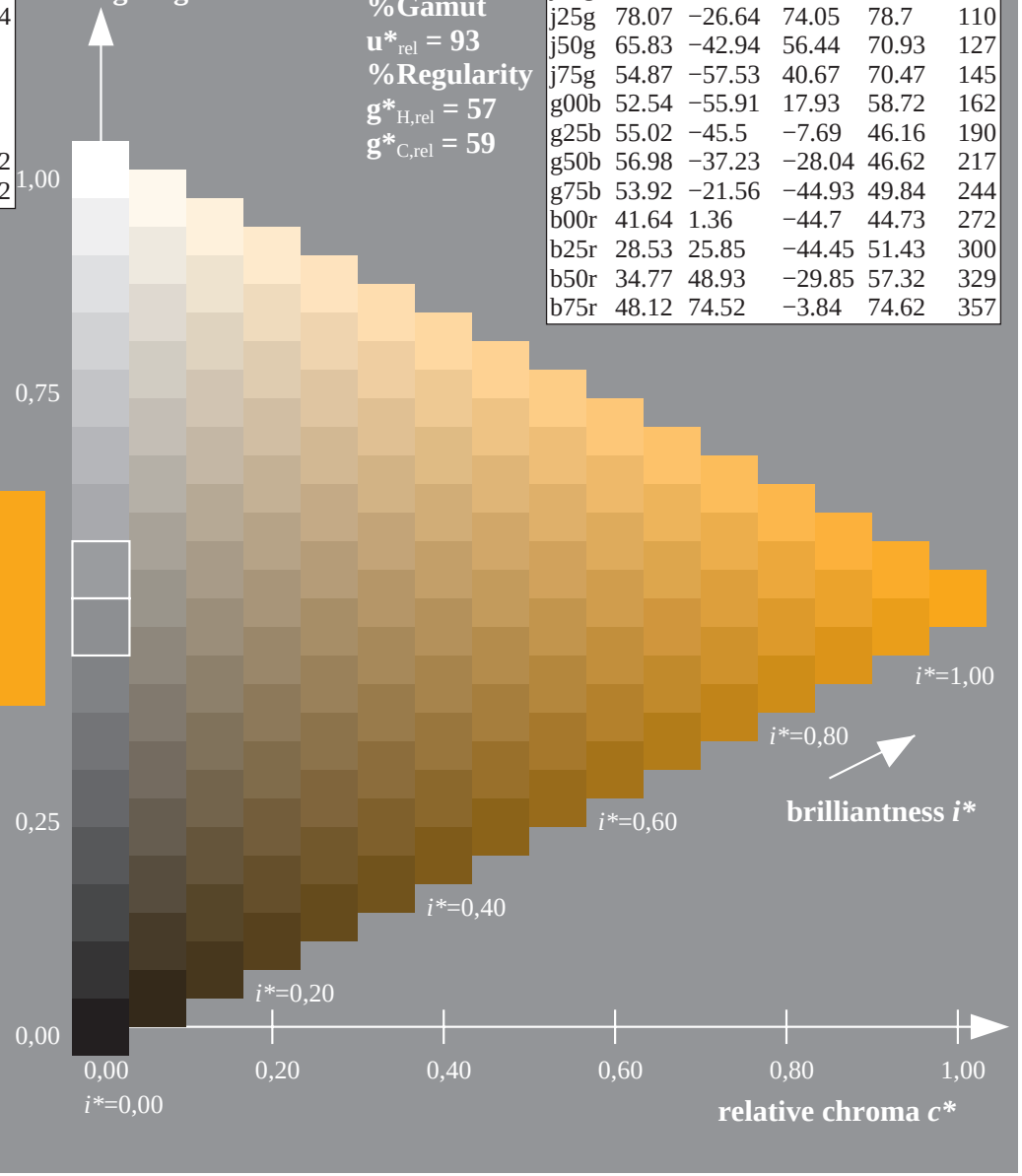
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 74 19 76**
LAB*LCH*$_{Ma}$**: 74 78 76**
lab*rgb*$_{Ma}$**: 1.0 0.75 0.0**
lab*olv*$_{Ma}$**: 1.0 0.61 0.0**
triangle lightness ***t****

%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

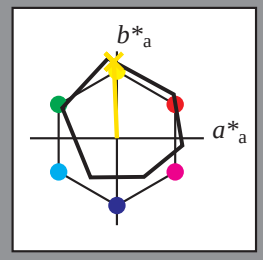
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ ***u* = j00g***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = j00g
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

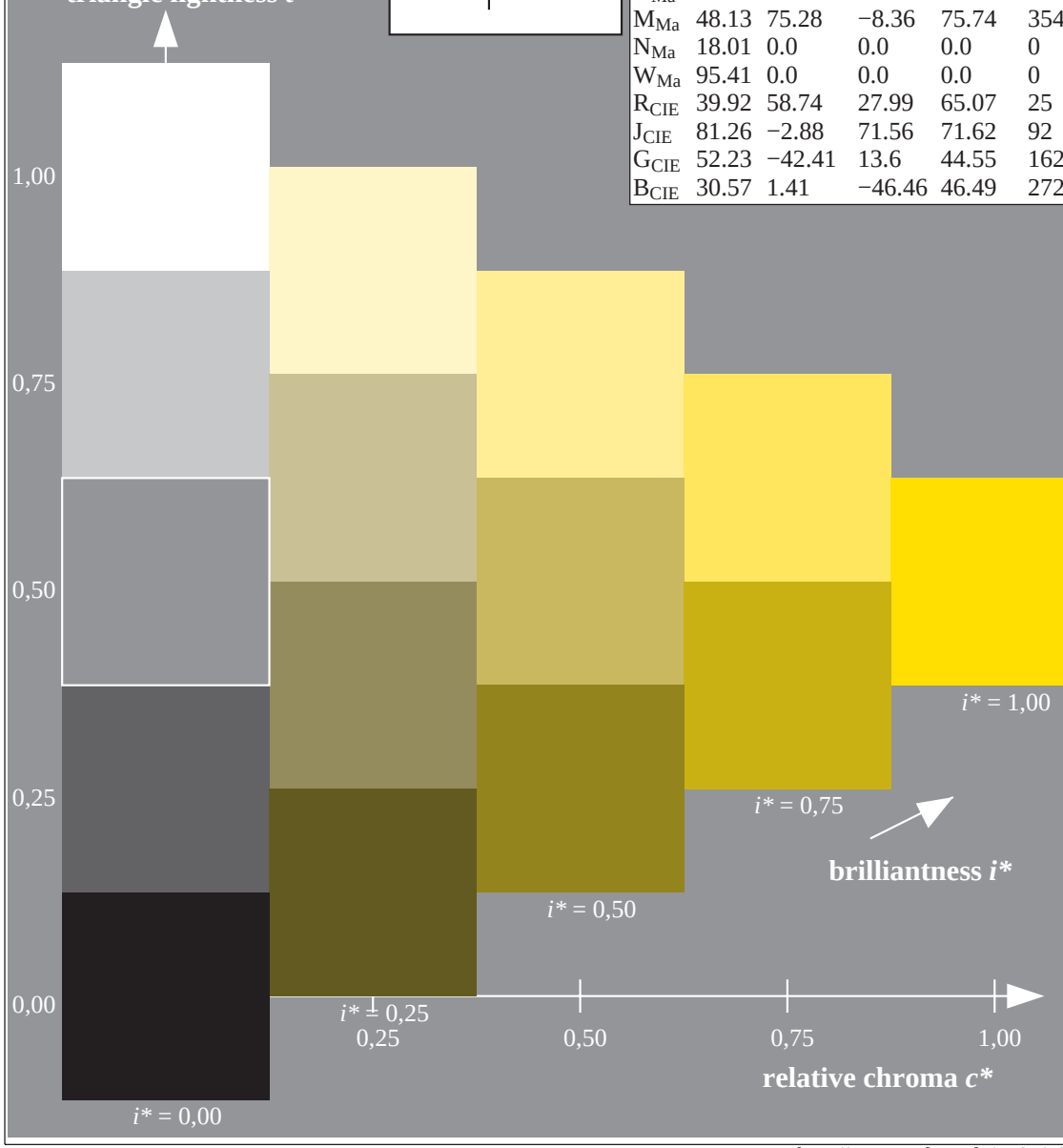
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

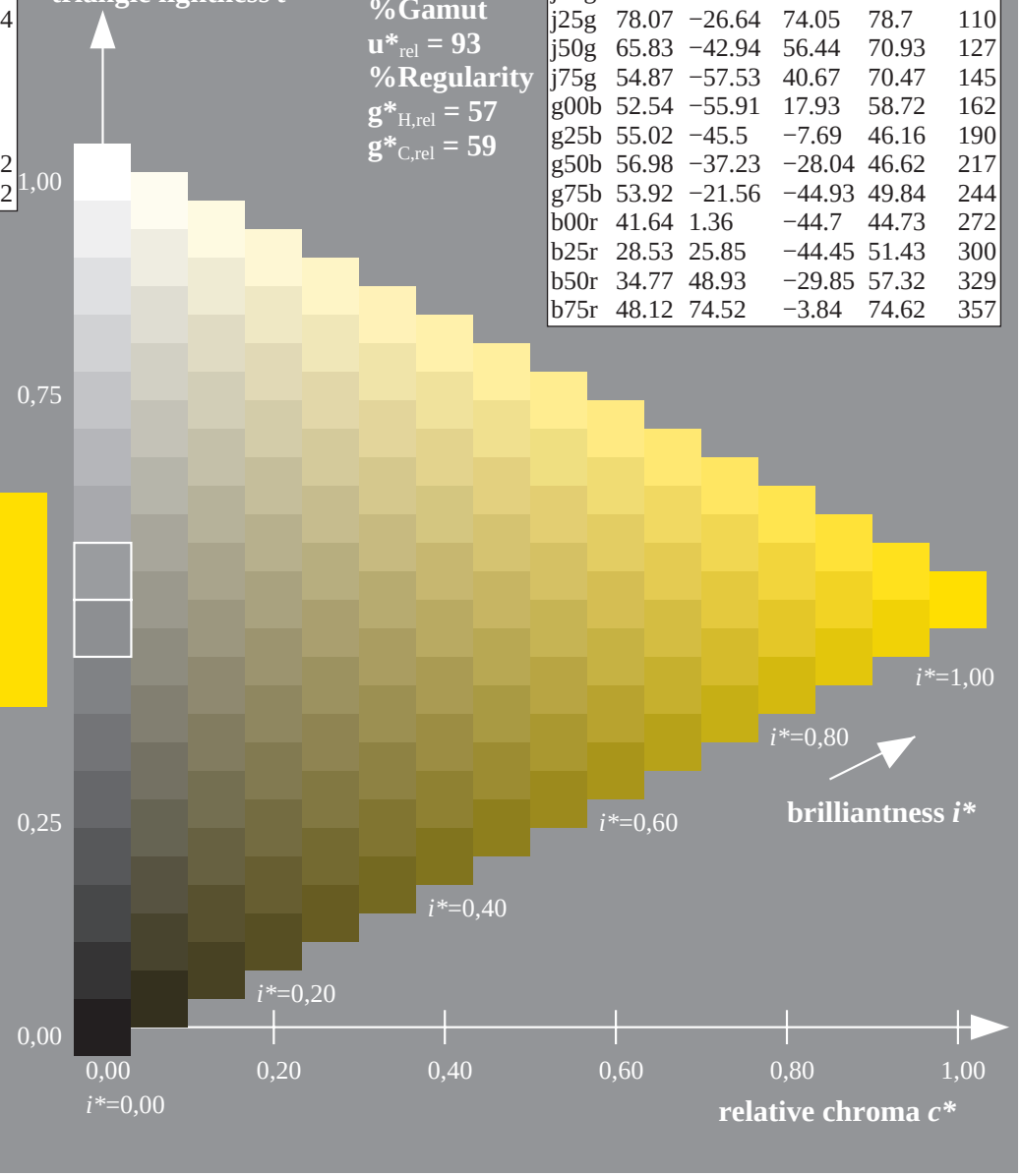
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 87 −3 88**
LAB*LCH*$_{Ma}$**: 87 88 92**
lab*rgb*$_{Ma}$**: 1.0 1.0 0.0**
lab*olv*$_{Ma}$**: 1.0 0.91 0.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ ***u* = j25g***

data for any colour:

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

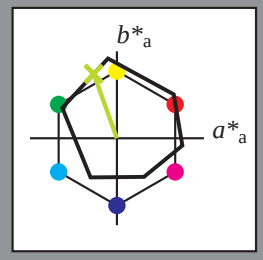
elementary hue text:

u* = j25g

contrast reduction factor:

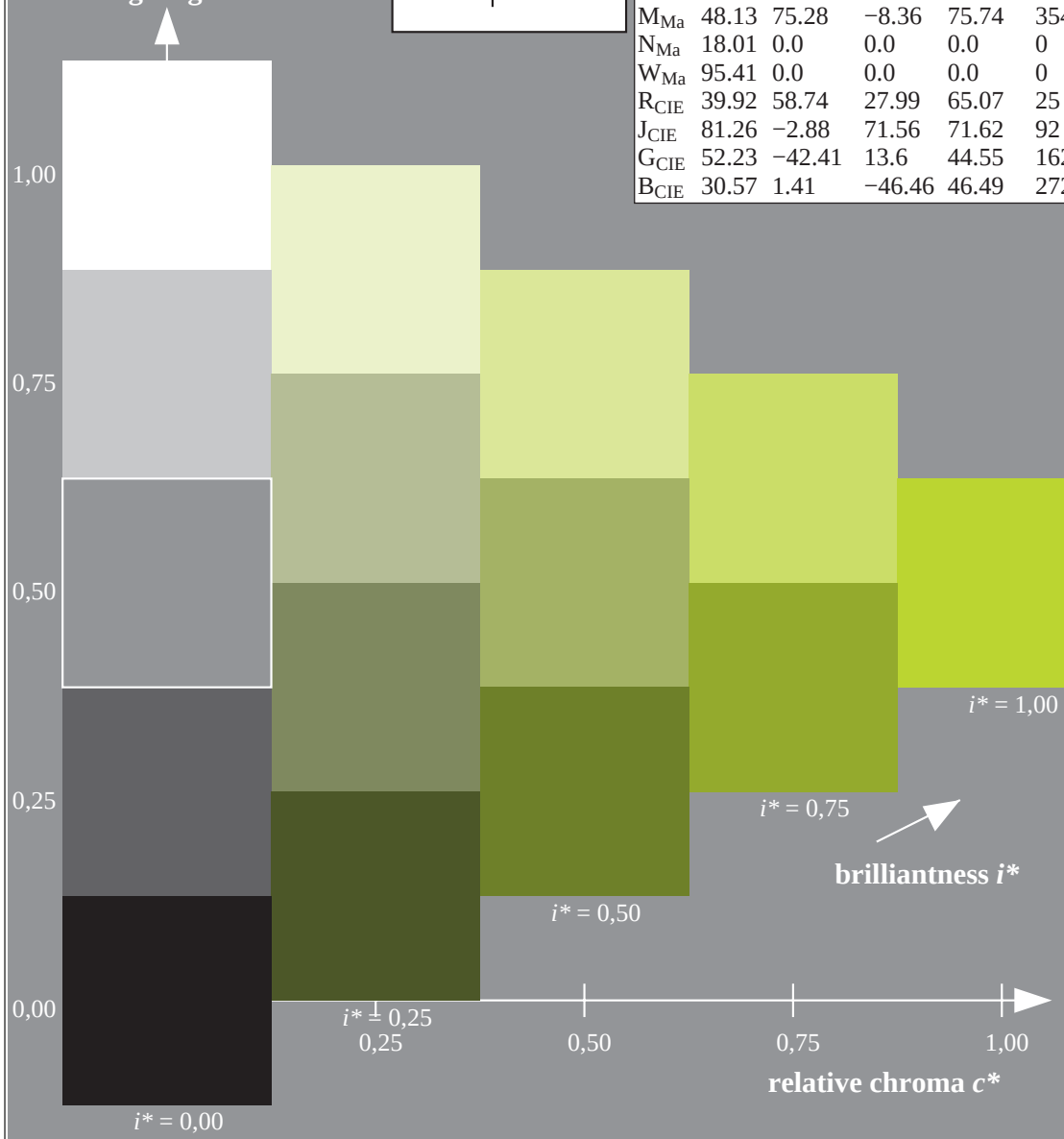
$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −26 74**

LAB*LCH*$_{Ma}$**: 78 79 110**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

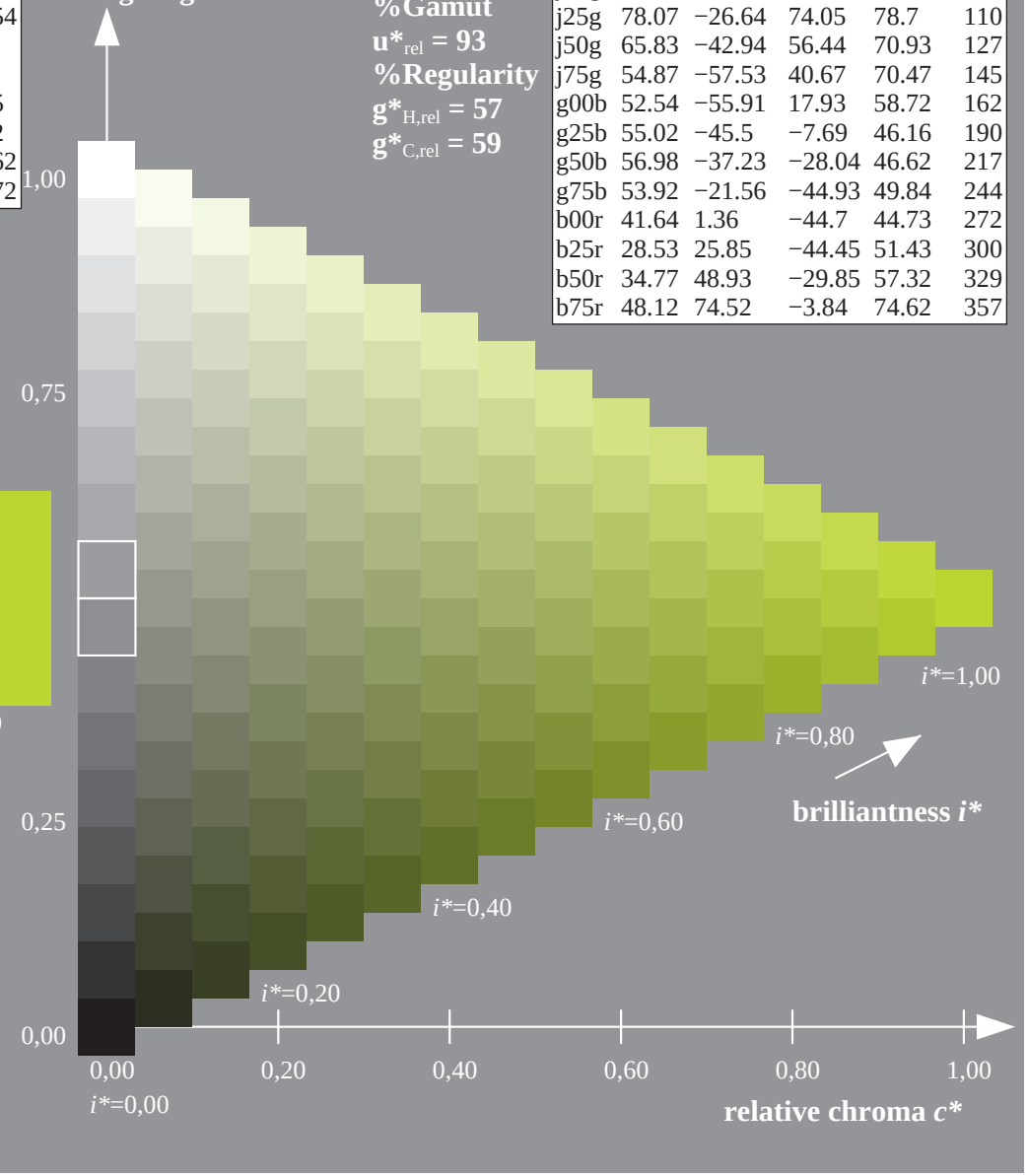
%Regularity

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

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ ***u* = j50g***

data for any colour:

lab*tch* and lab*icu*

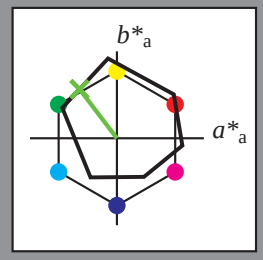
elementary hue text:

u* = j50g

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −42 56**

***LAB*LCH*$_{Ma}$*: 66 71 127**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

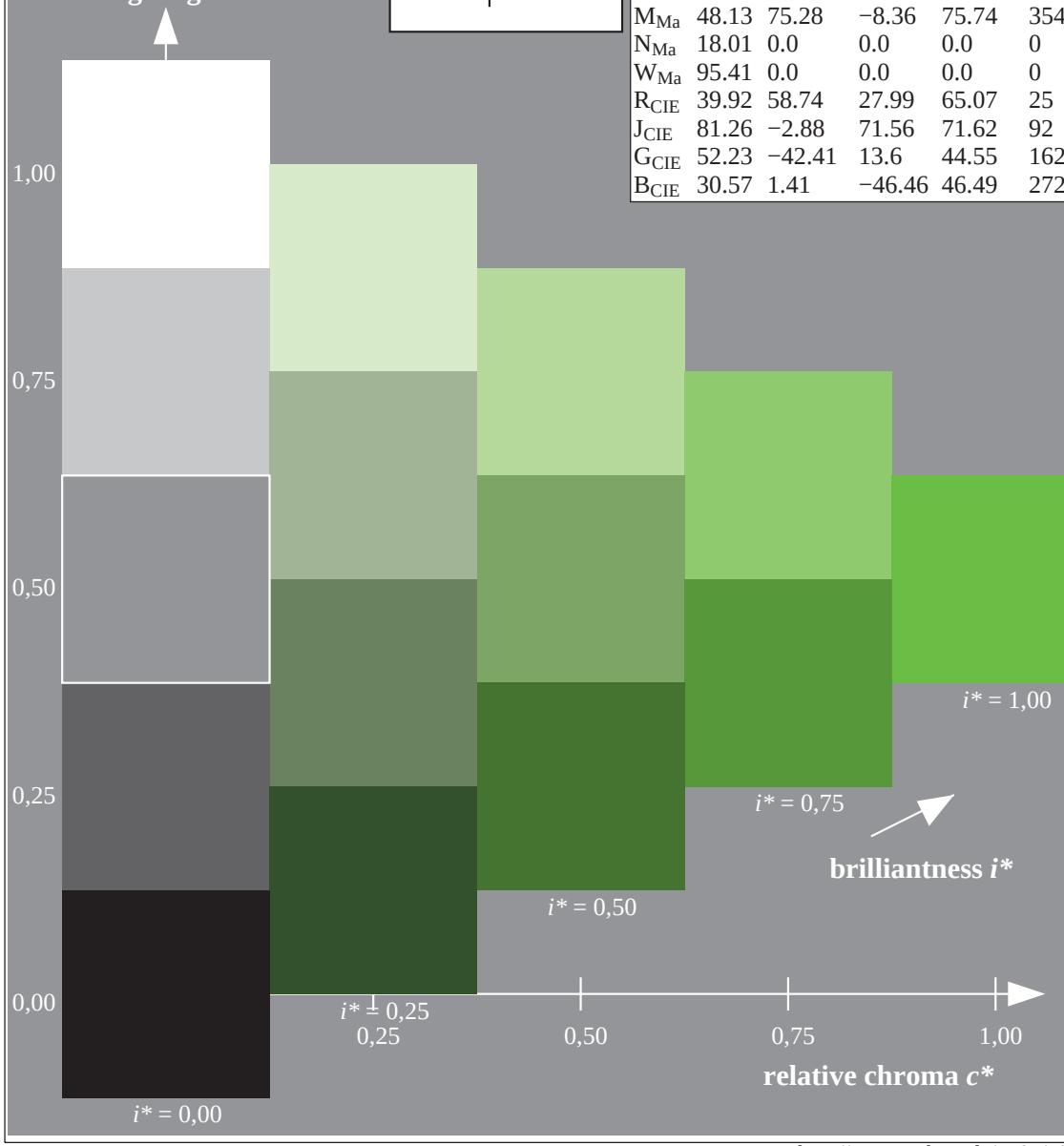
%Regularity

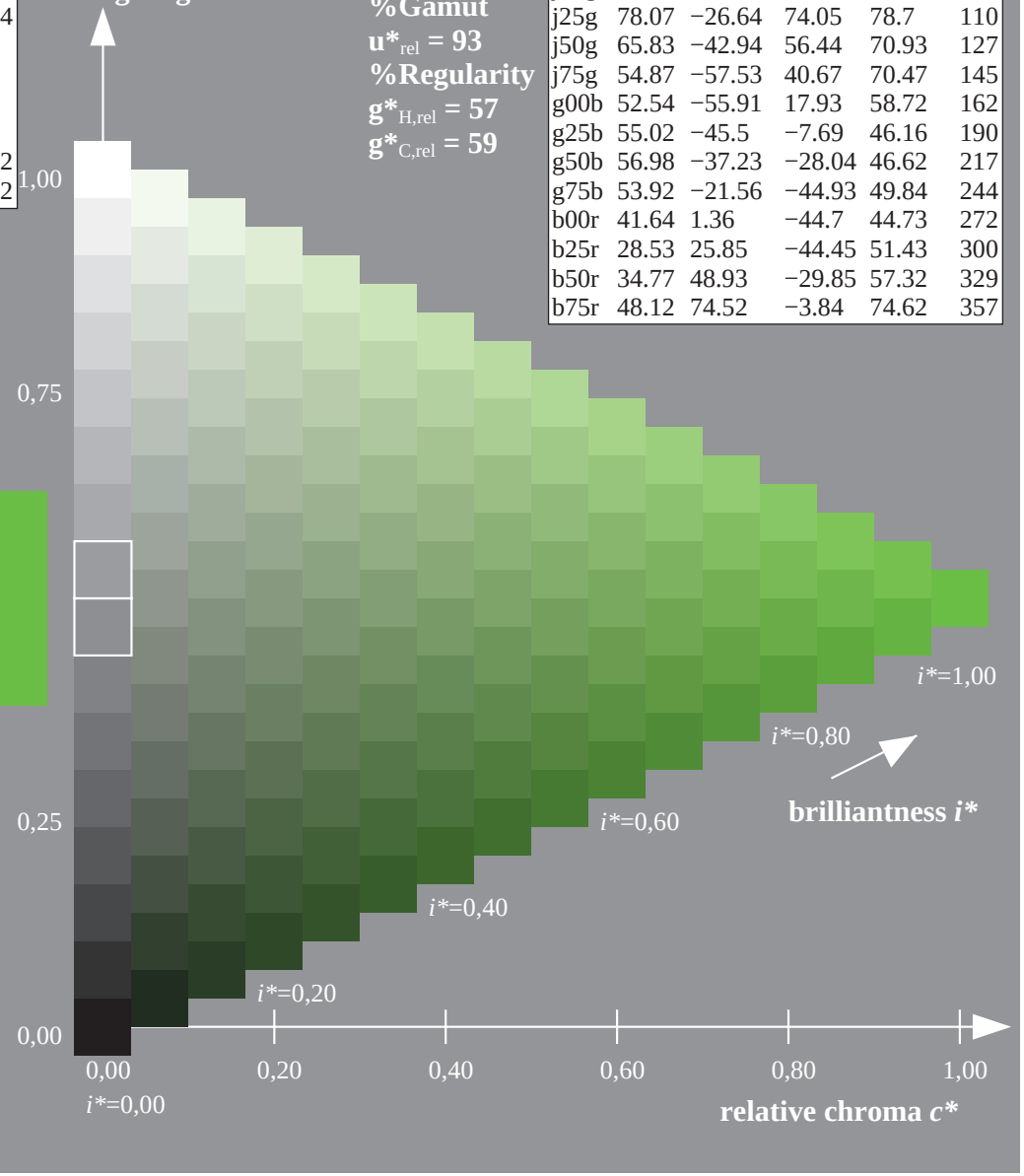
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ ***u* = j75g***

data for any colour:

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

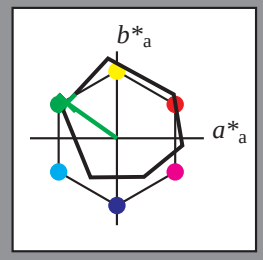
elementary hue text:

u* = j75g

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −57 41**

LAB*LCH*$_{Ma}$**: 55 70 145**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

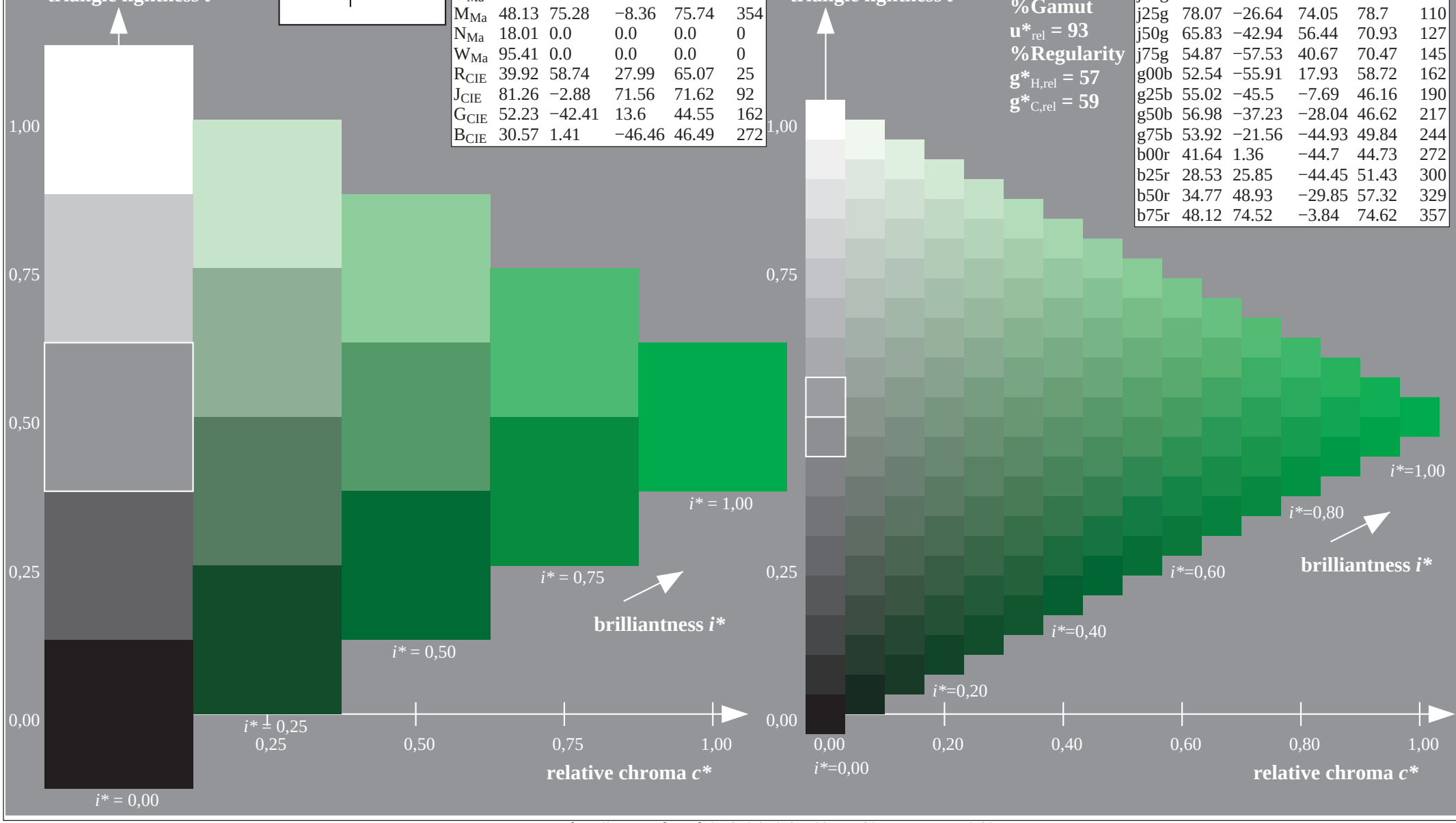
%Regularity

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

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$ ***u* = g00b***

data for any colour:

lab*tch* and lab*icu*

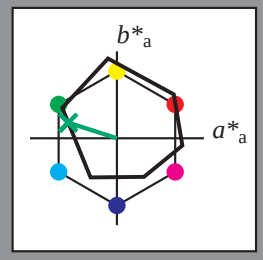
elementary hue text:

u* = g00b

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −55 18**

***LAB*LCH*$_{Ma}$*: 53 59 162**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

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

*i** = 0,00
*i** ± 0,25
*i** = 0,50
*i** = 0,75
*i** = 1,00

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

brilliantness *i**

relative chroma *c**

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

*i**=0,00
*i**=0,20
*i**=0,40
*i**=0,60
*i**=0,80
*i**=1,00

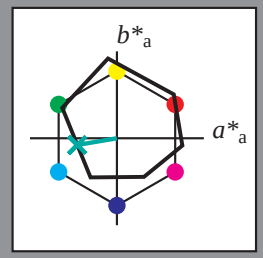
0,00 0,20 0,40 0,60 0,80 1,00

brilliantness *i**

relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$ ***u* = g25b***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = g25b
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

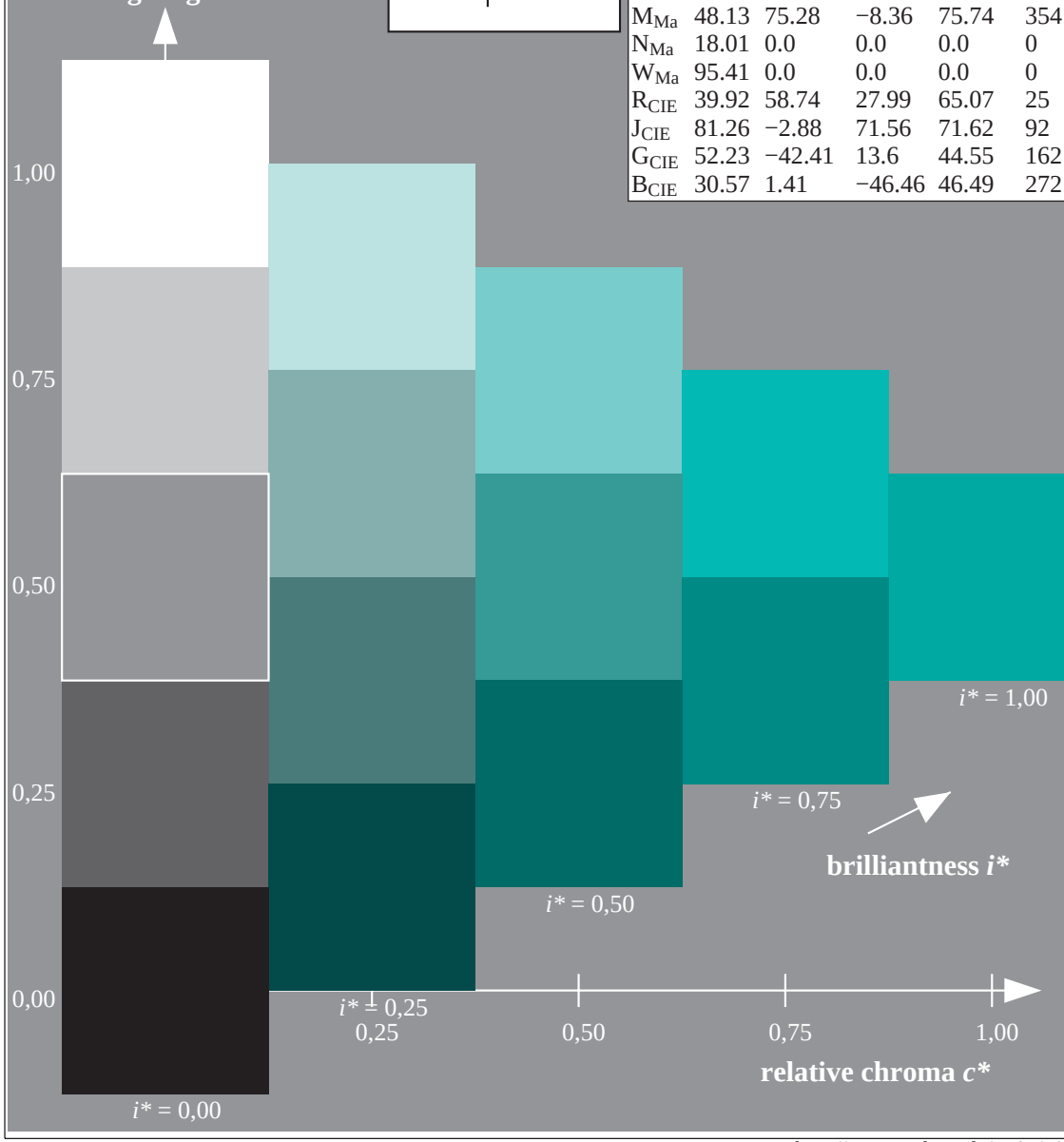
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

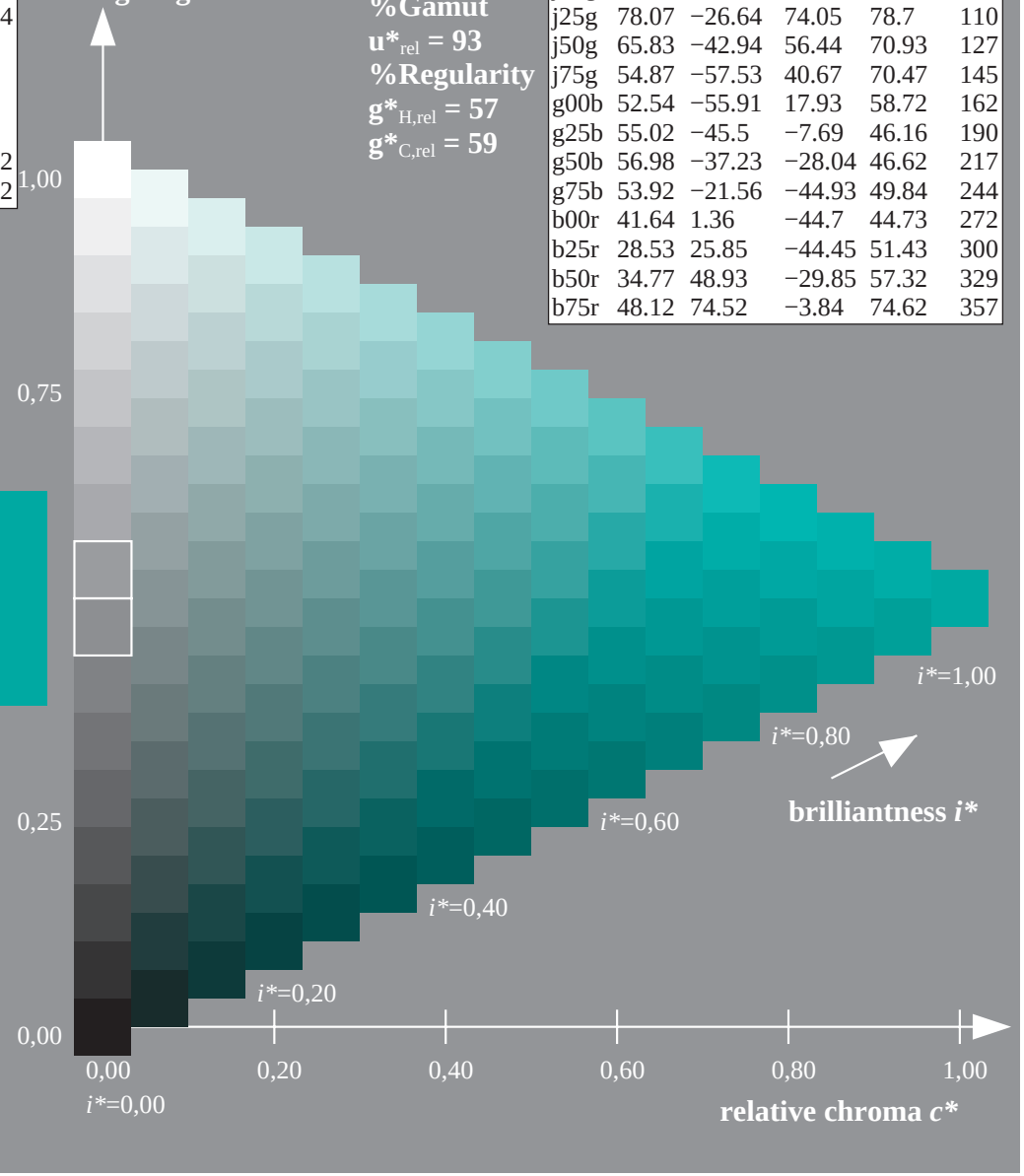
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 55 −45 −7**
LAB*LCH*$_{Ma}$**: 55 46 190**
lab*rgb*$_{Ma}$**: 0.0 1.0 0.5**
lab*olv*$_{Ma}$**: 0.0 1.0 0.53**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$ ***u* = g50b***

data for any colour:

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

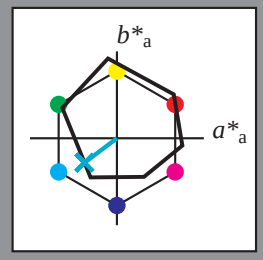
elementary hue text:

u* = g50b

contrast reduction factor:

$c_R = 1.0$

triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −36 −27**

LAB*LCH*$_{Ma}$**: 57 47 217**

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

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

triangle lightness ***t****

%Gamut

u^*_{rel} = 93

%Regularity

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

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

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

*i** = 0,00
*i** ± 0,25
*i** = 0,50
*i** = 0,75
*i** = 1,00

brilliantness *i**

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

relative chroma *c**

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

*i**=0,00
*i**=0,20
*i**=0,40
*i**=0,60
*i**=0,80
*i**=1,00

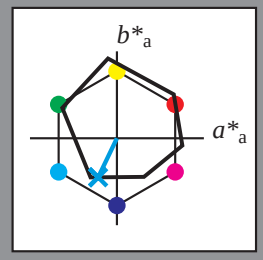
brilliantness *i**

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

relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$ ***u* = g75b***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = g75b
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

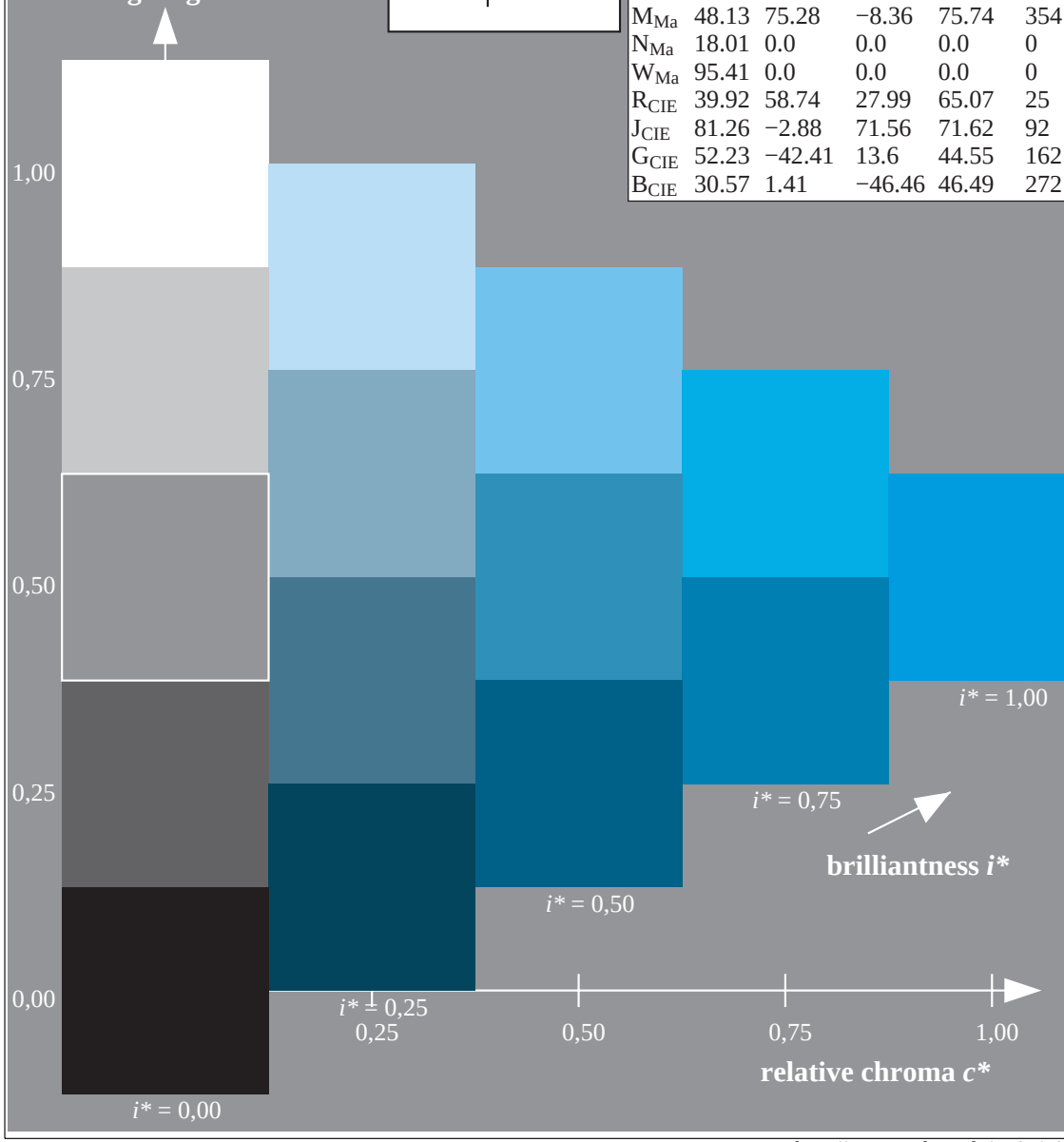
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

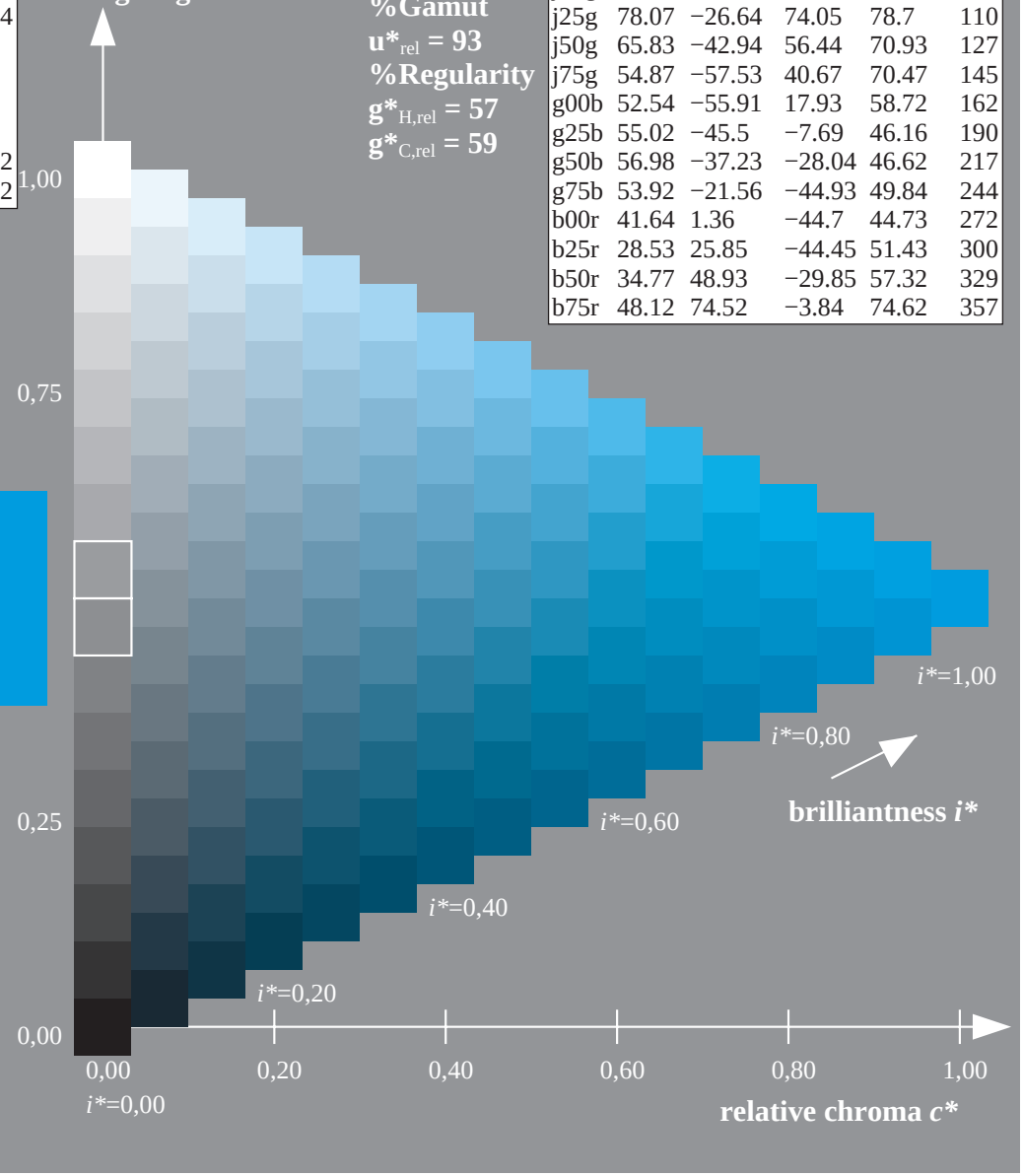
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 54 −21 −44**
LAB*LCH*$_{Ma}$**: 54 50 244**
lab*rgb*$_{Ma}$**: 0.0 0.5 1.0**
lab*olv*$_{Ma}$**: 0.0 0.86 1.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

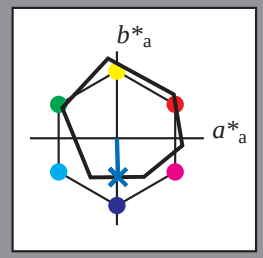
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$ ***u* = b00r***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = b00r
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

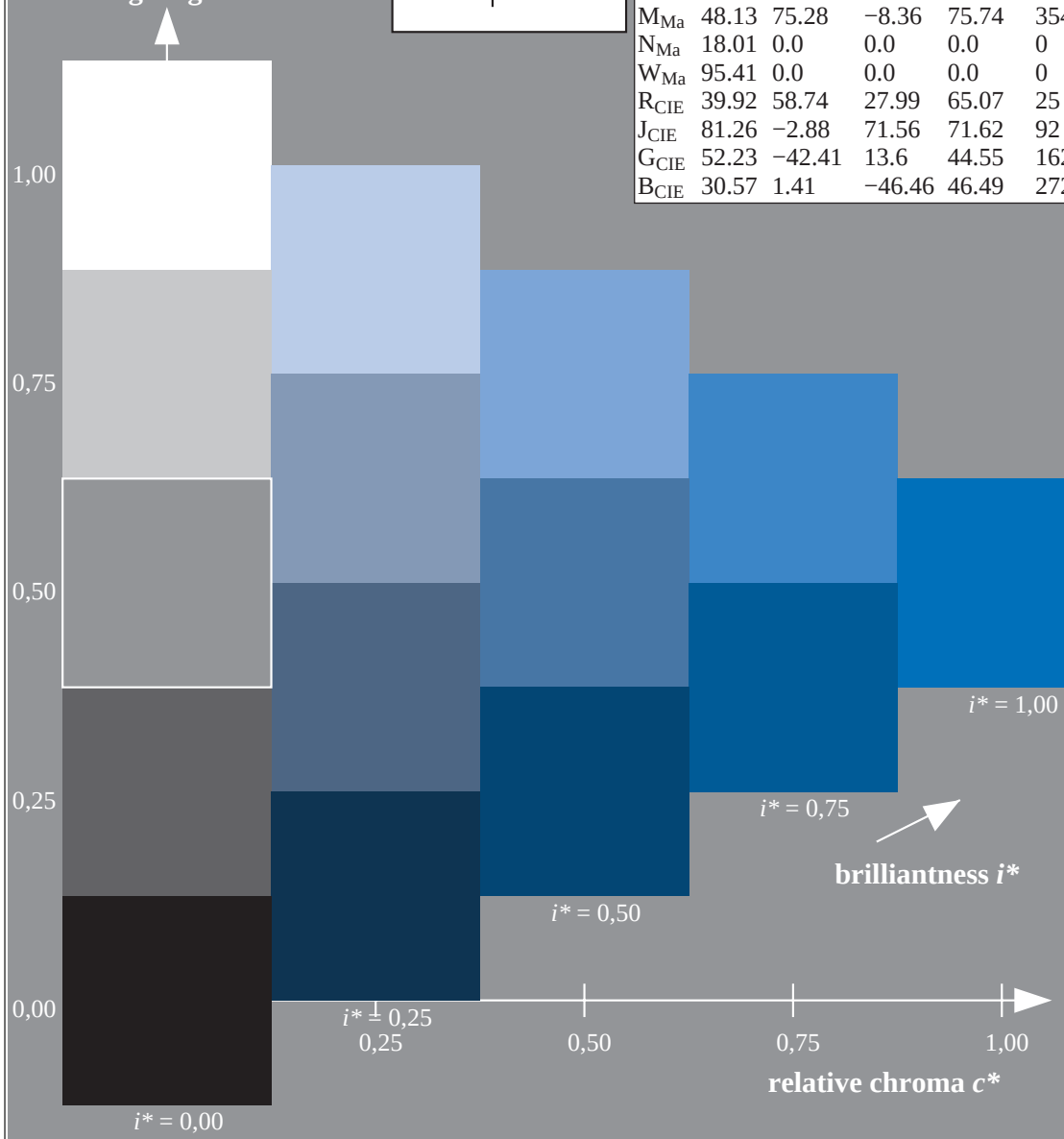
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

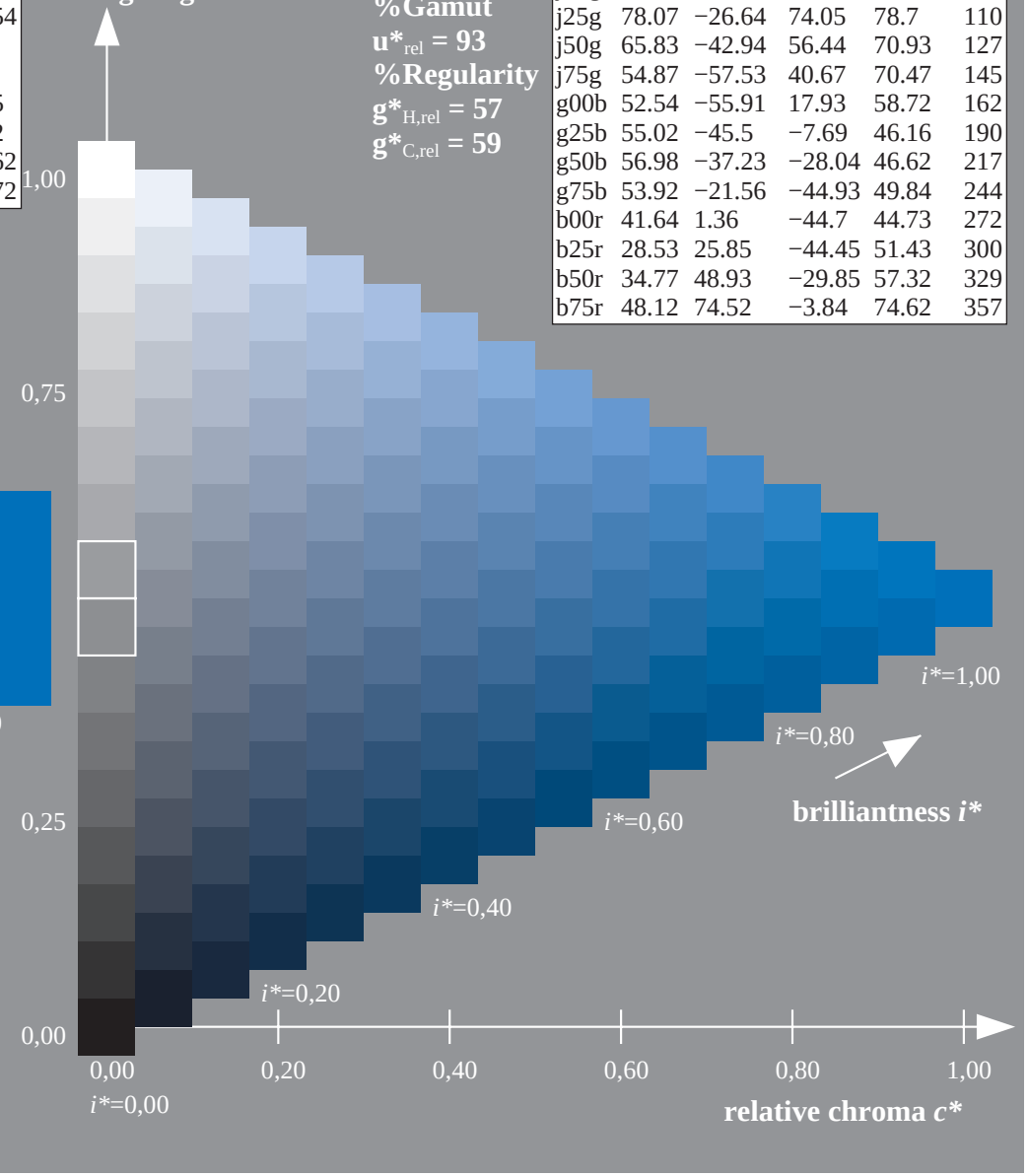
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 42 1 −44**
LAB*LCH*$_{Ma}$**: 42 45 272**
lab*rgb*$_{Ma}$**: 0.0 0.0 1.0**
lab*olv*$_{Ma}$**: 0.0 0.48 1.0**
triangle lightness ***t****

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$ ***u* = b25r***

data for any colour:

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

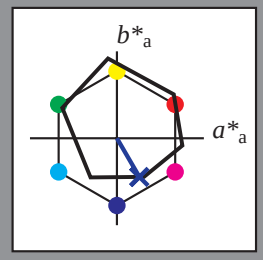
elementary hue text:

u* = b25r

contrast reduction factor:

$c_R = 1.0$

triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 26 −43**

LAB*LCH*$_{Ma}$**: 29 51 300**

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

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

triangle lightness ***t****

%Gamut

$u^*_{rel} = 93$

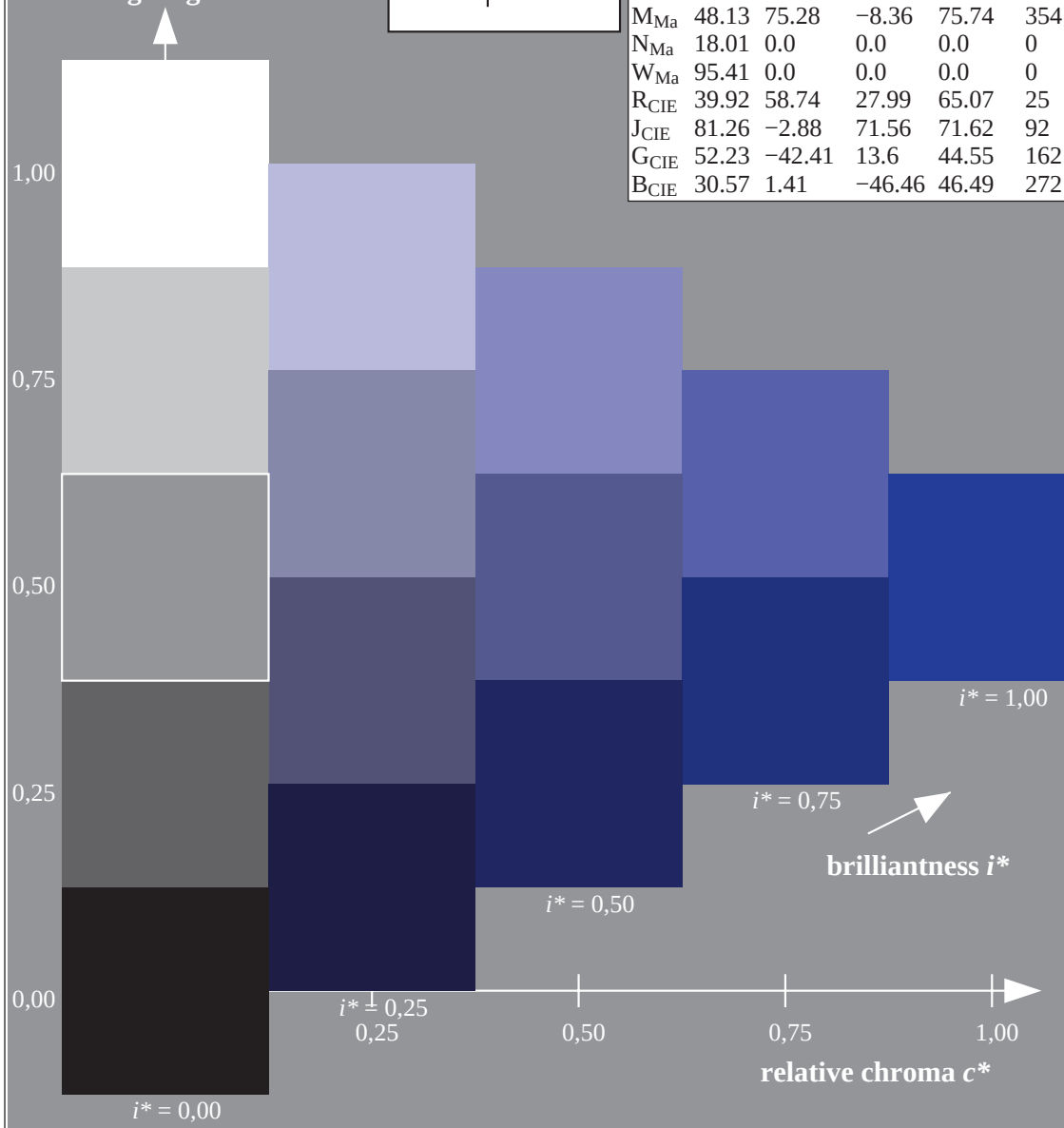
%Regularity

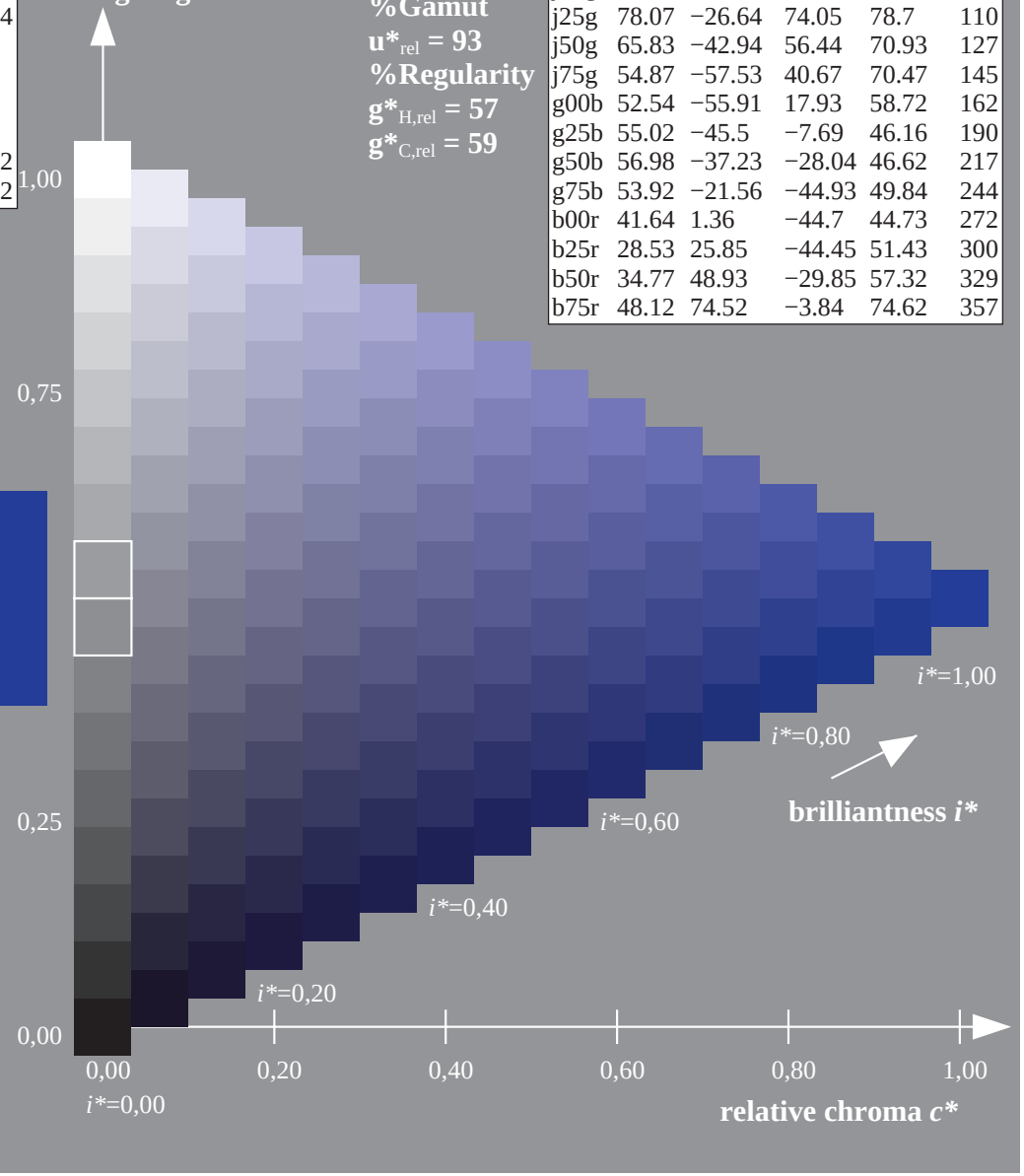
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$ ***u* = b50r***

data for any colour:

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

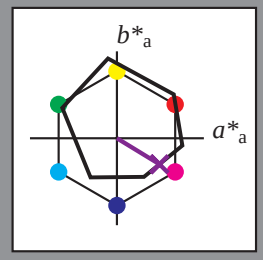
elementary hue text:

u* = b50r

contrast reduction factor:

$c_R = 1.0$

triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 49 −29**

LAB*LCH*$_{Ma}$**: 35 57 329**

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

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

triangle lightness ***t****

%Gamut

$u^*_{rel} = 93$

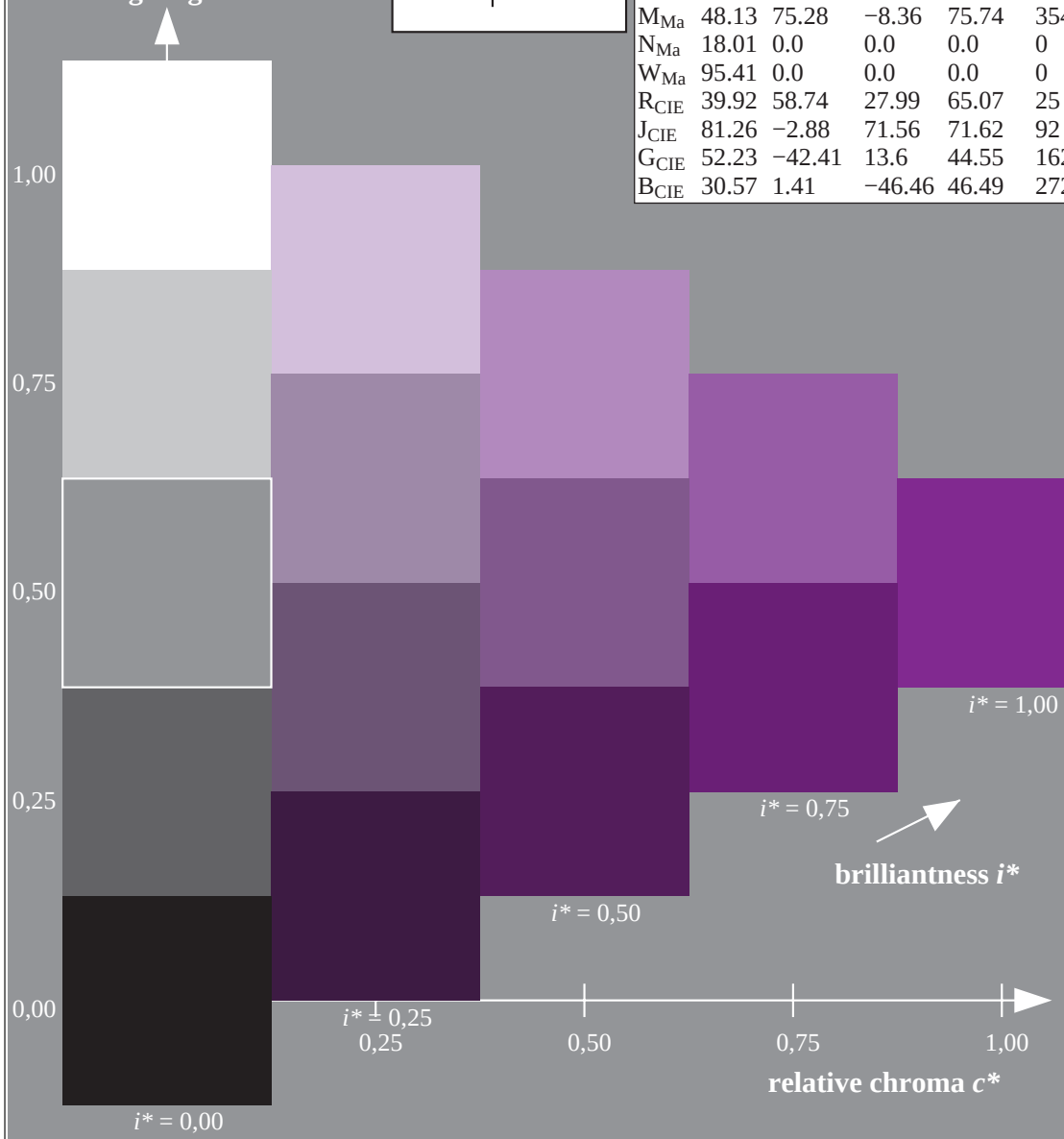
%Regularity

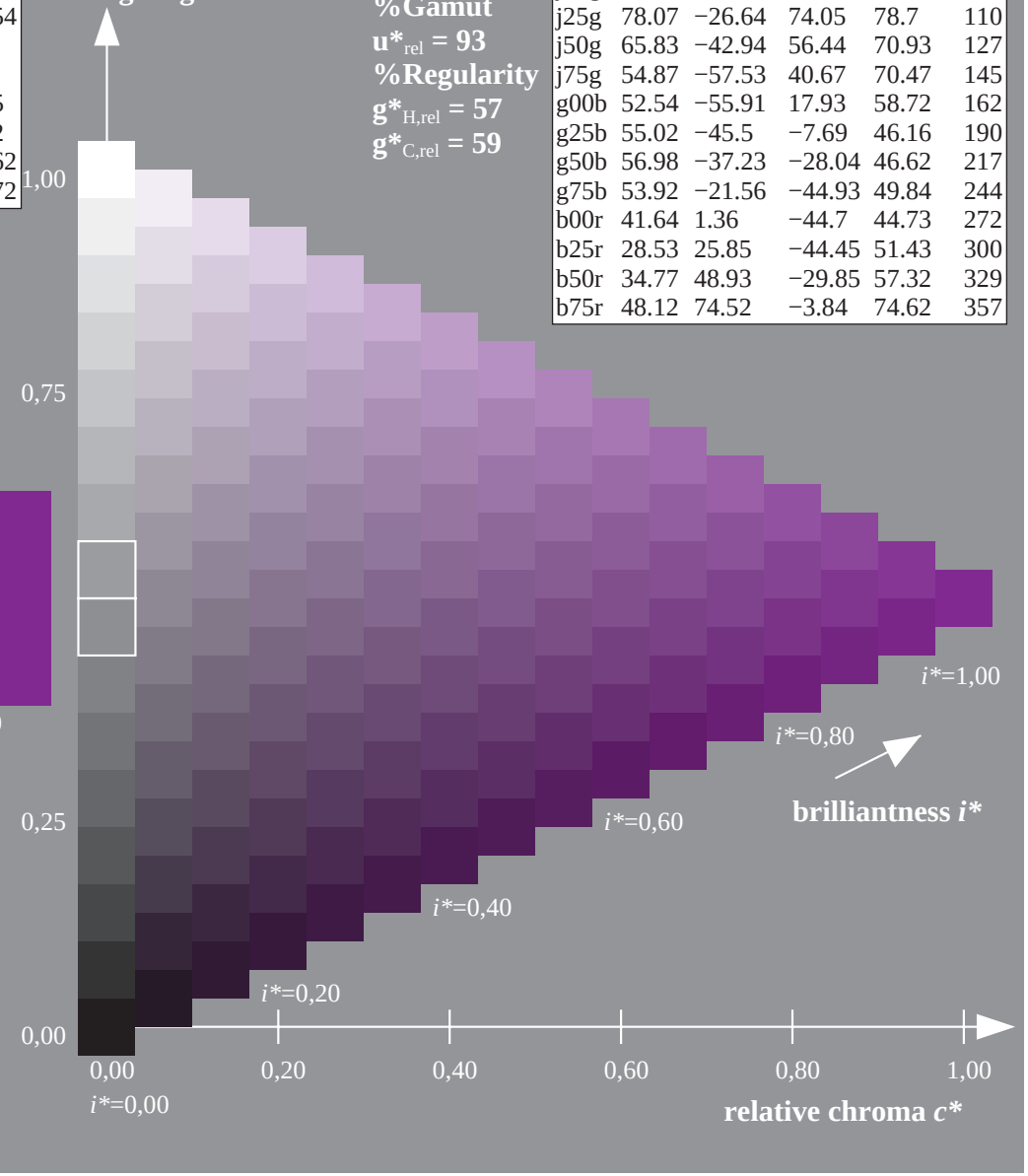
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

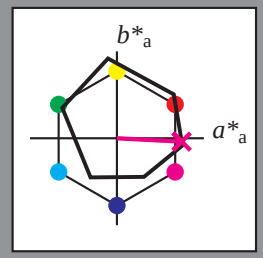
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$ ***u* = b75r***

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = b75r
contrast reduction factor:
$c_R = 1.0$
triangle lightness ***t****



ORS18_95aM; adapted (a) CIELAB data

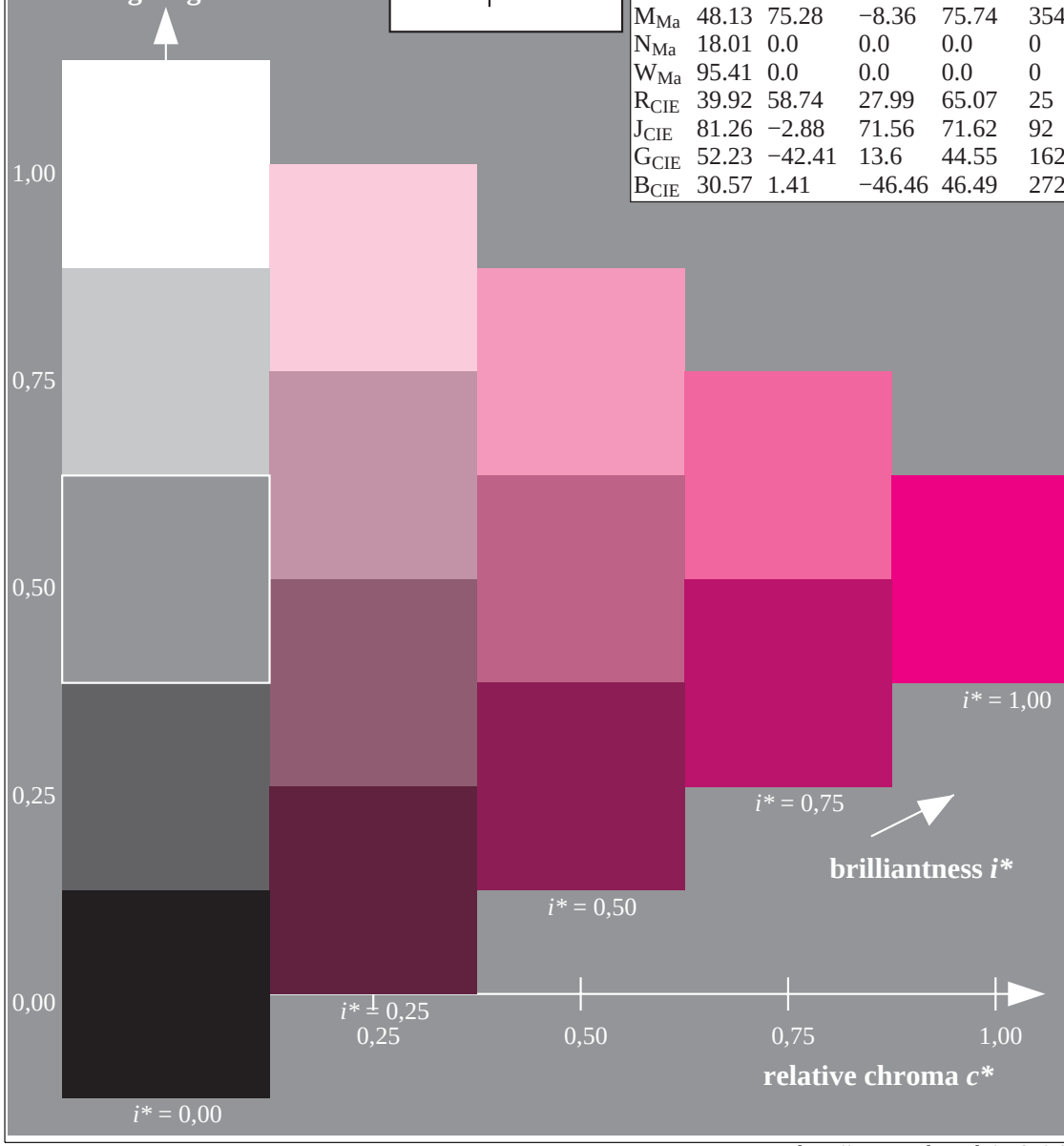
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

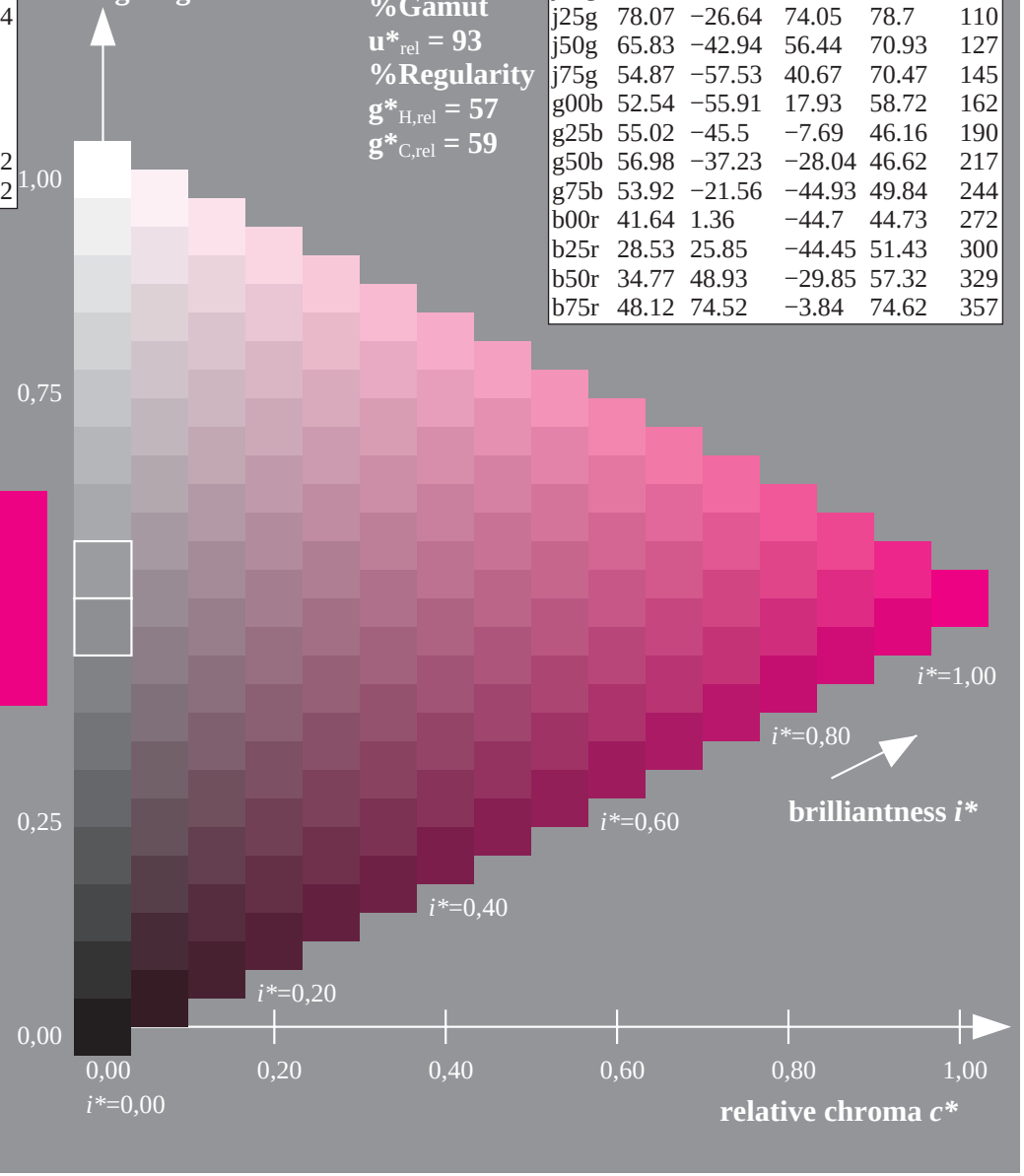
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 48 75 −3**
LAB*LCH*$_{Ma}$**: 48 75 357**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.5**
lab*olv*$_{Ma}$**: 1.0 0.0 0.92**
triangle lightness ***t****

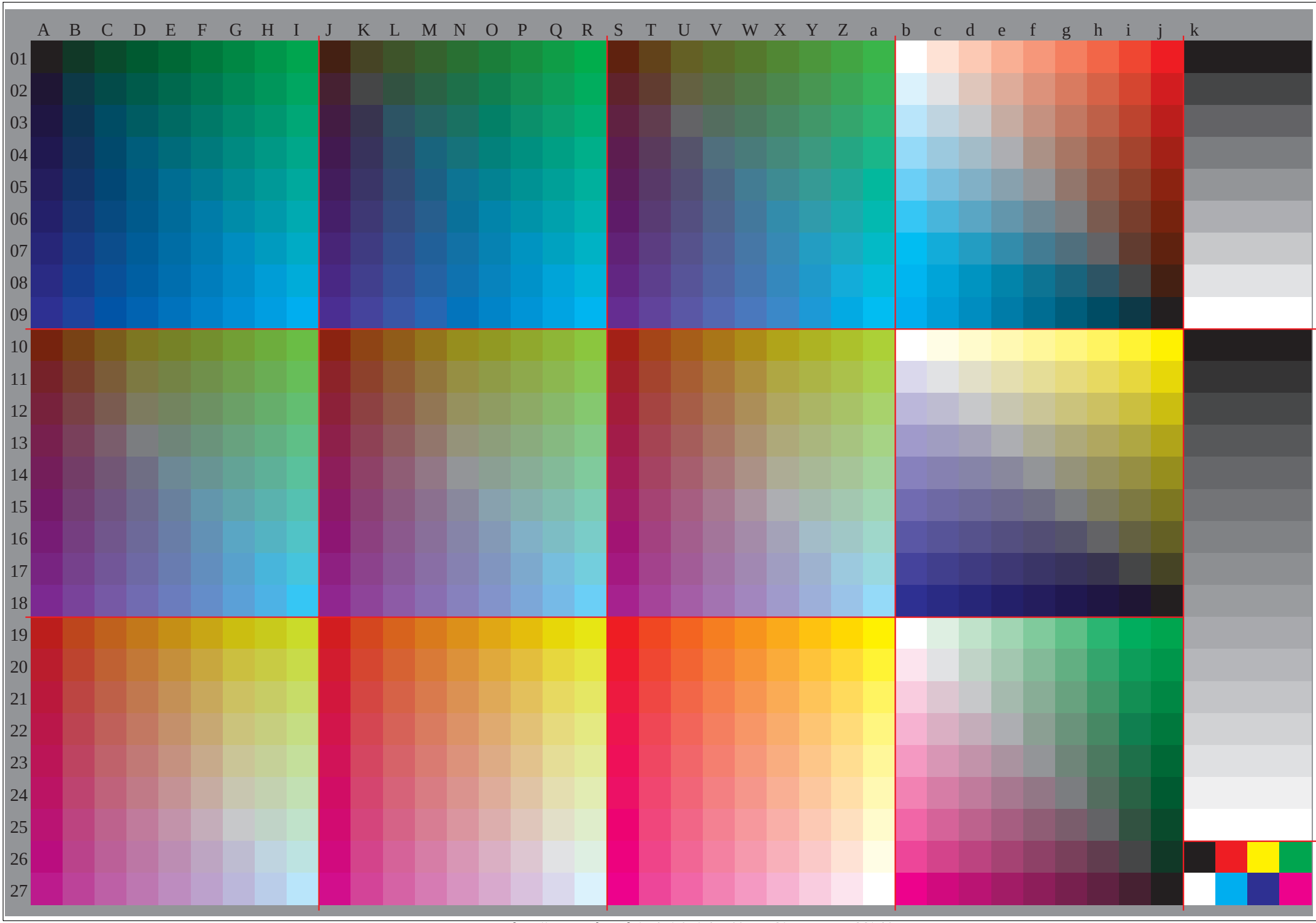
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



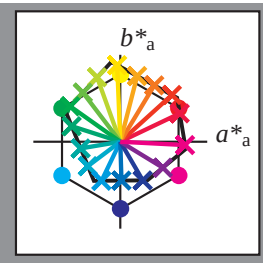



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u** = 16 hues *r00j, r25j, ..., b75r
contrast reduction factor:
$c_R = 1.0$

ORS18_95aM; adapted (a) CIELAB data

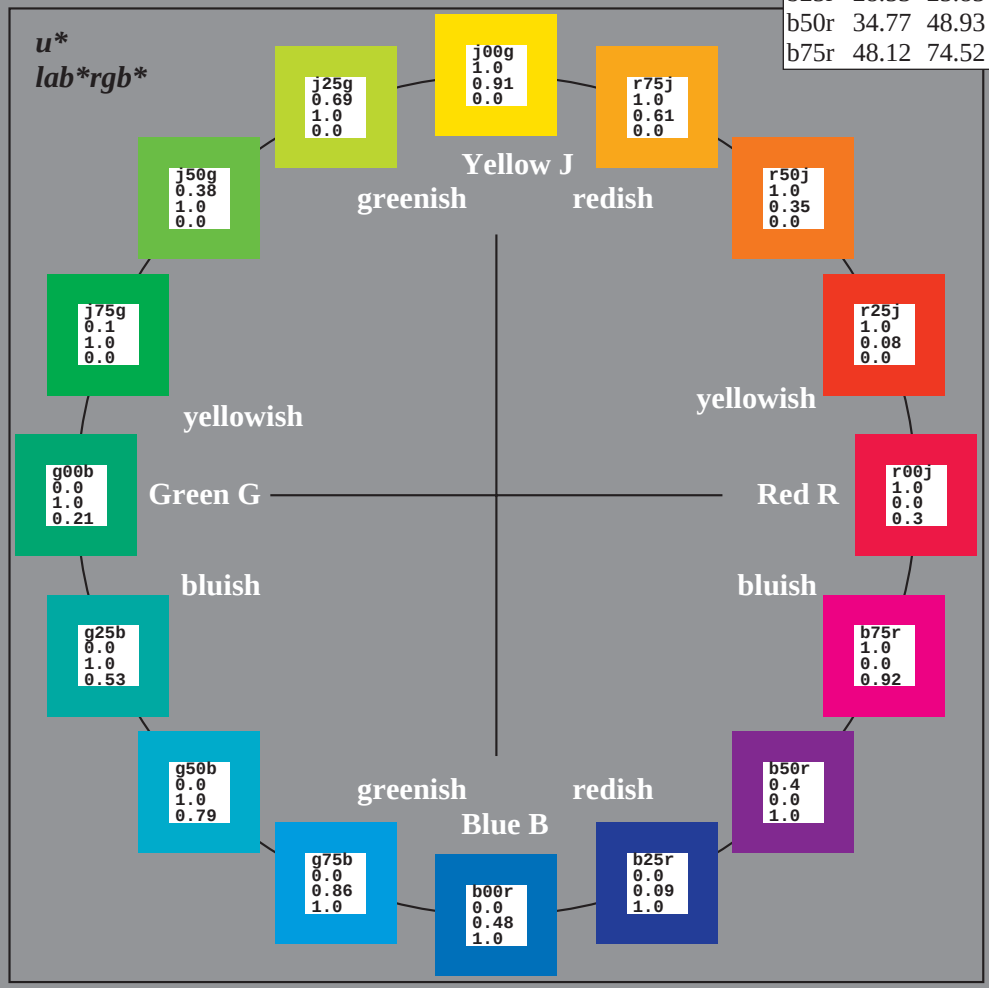
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

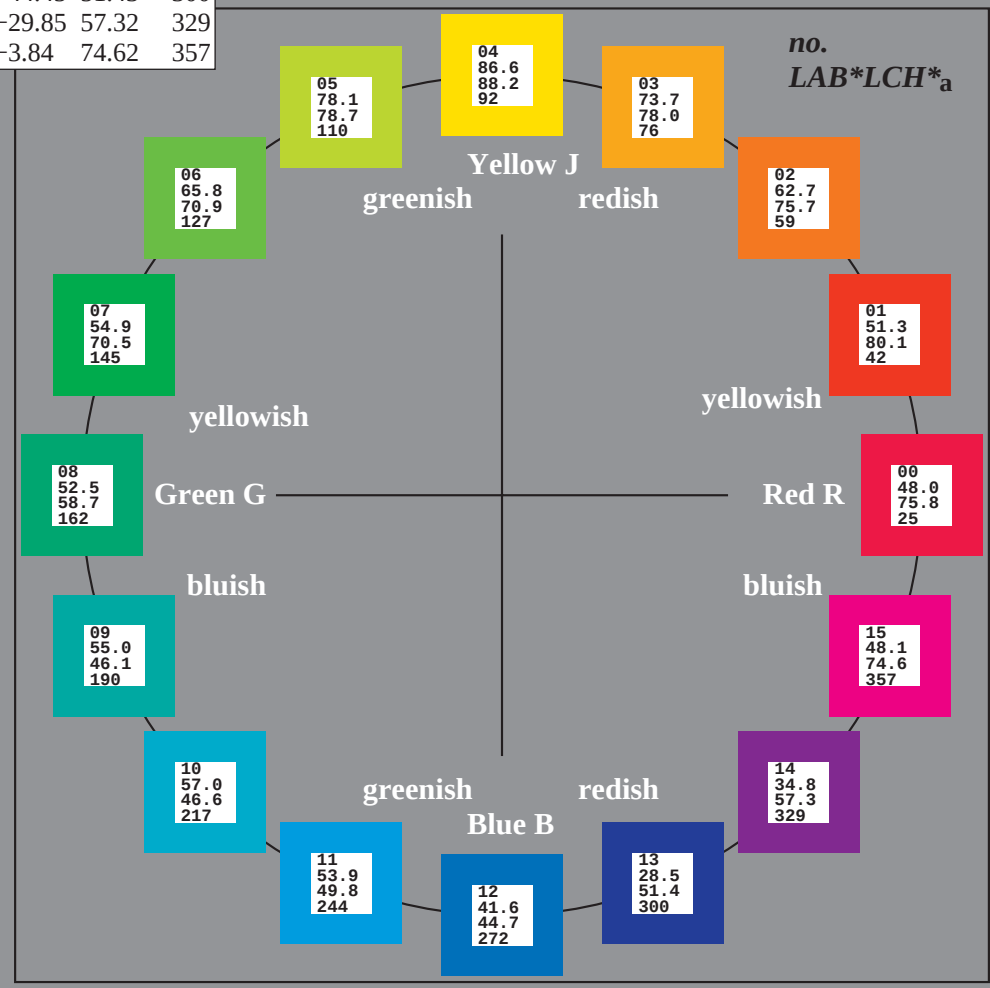


%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

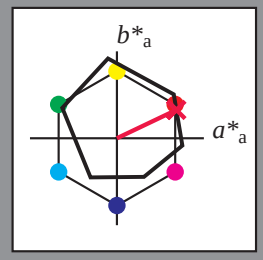




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

$u^* = r00j$
lab^*rgb^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r00j$
contrast reduction factor:
$c_R = 1.0$

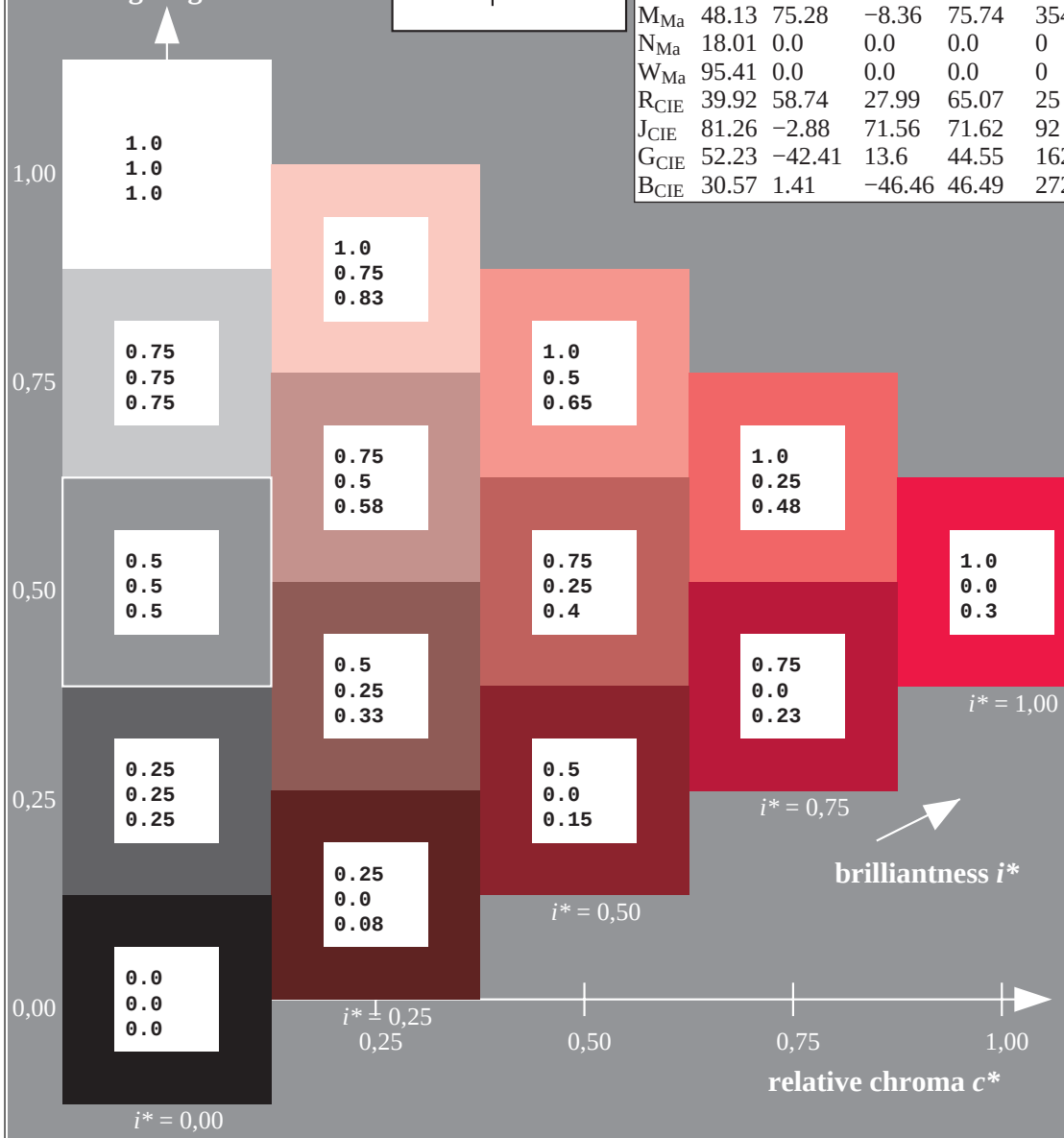


ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

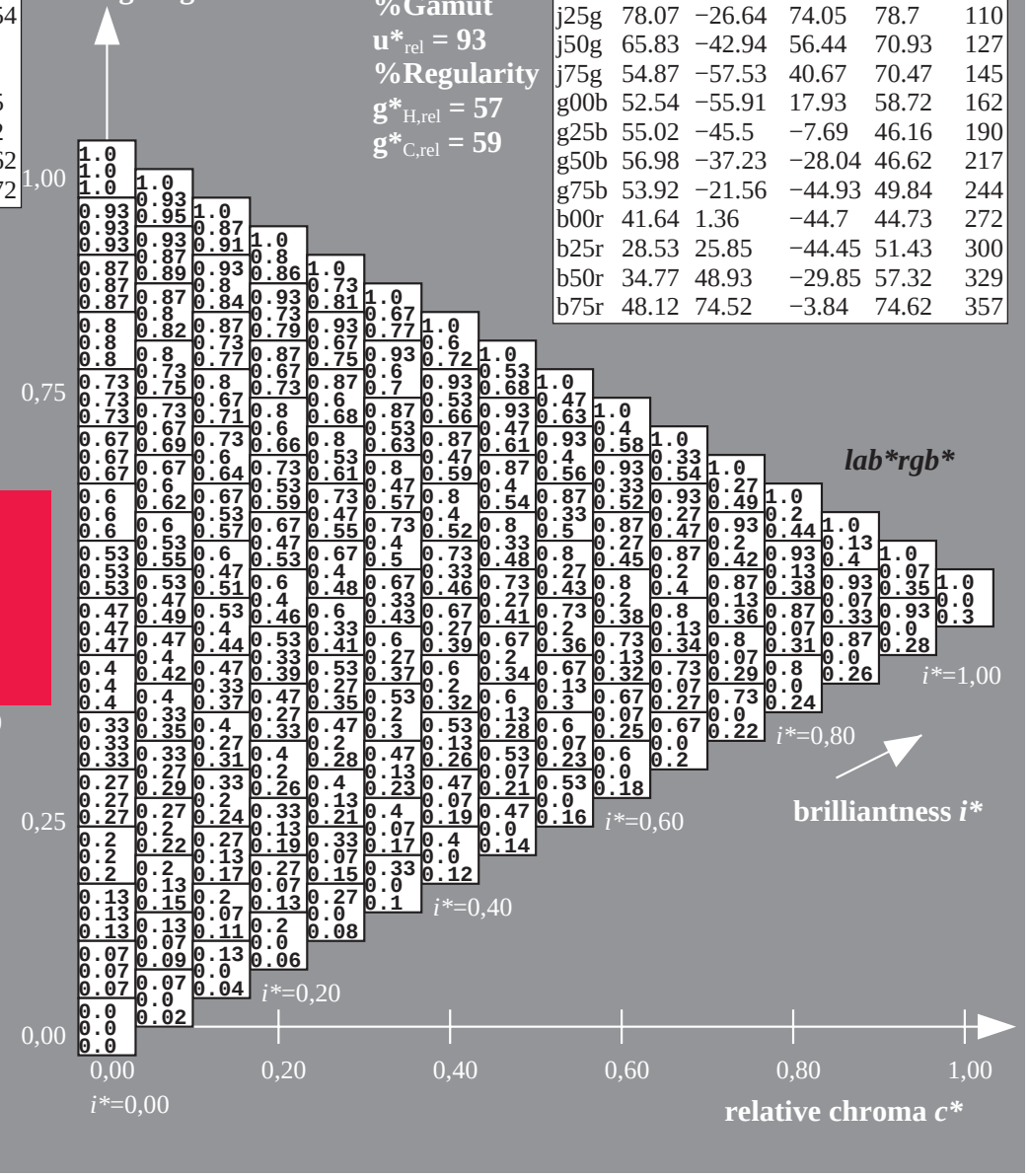
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 68 33
$LAB^*LCH^*_{Ma}$: 48 76 25
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
$lab^*olv^*_{Ma}$: 1.0 0.0 0.3

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



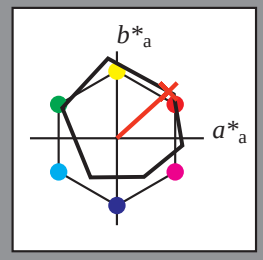
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 59 54
$LAB^*LCH^*_{Ma}$: 51 80 42
$lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
$lab^*olv^*_{Ma}$: 1.0 0.08 0.0

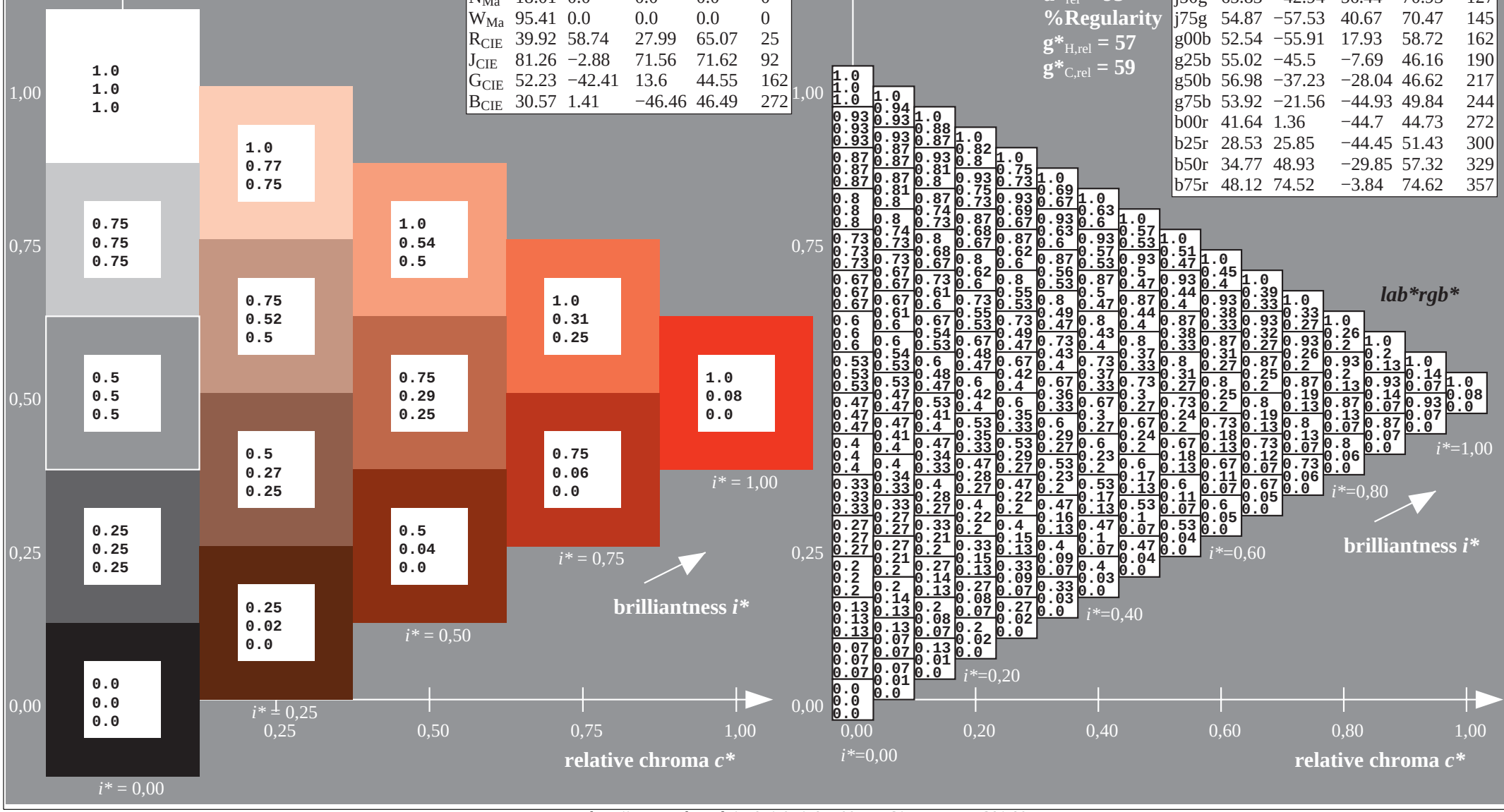
ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

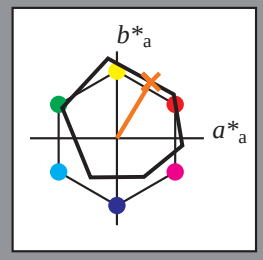
triangle lightness t^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

$u^* = r50j$
lab^*rgb^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$

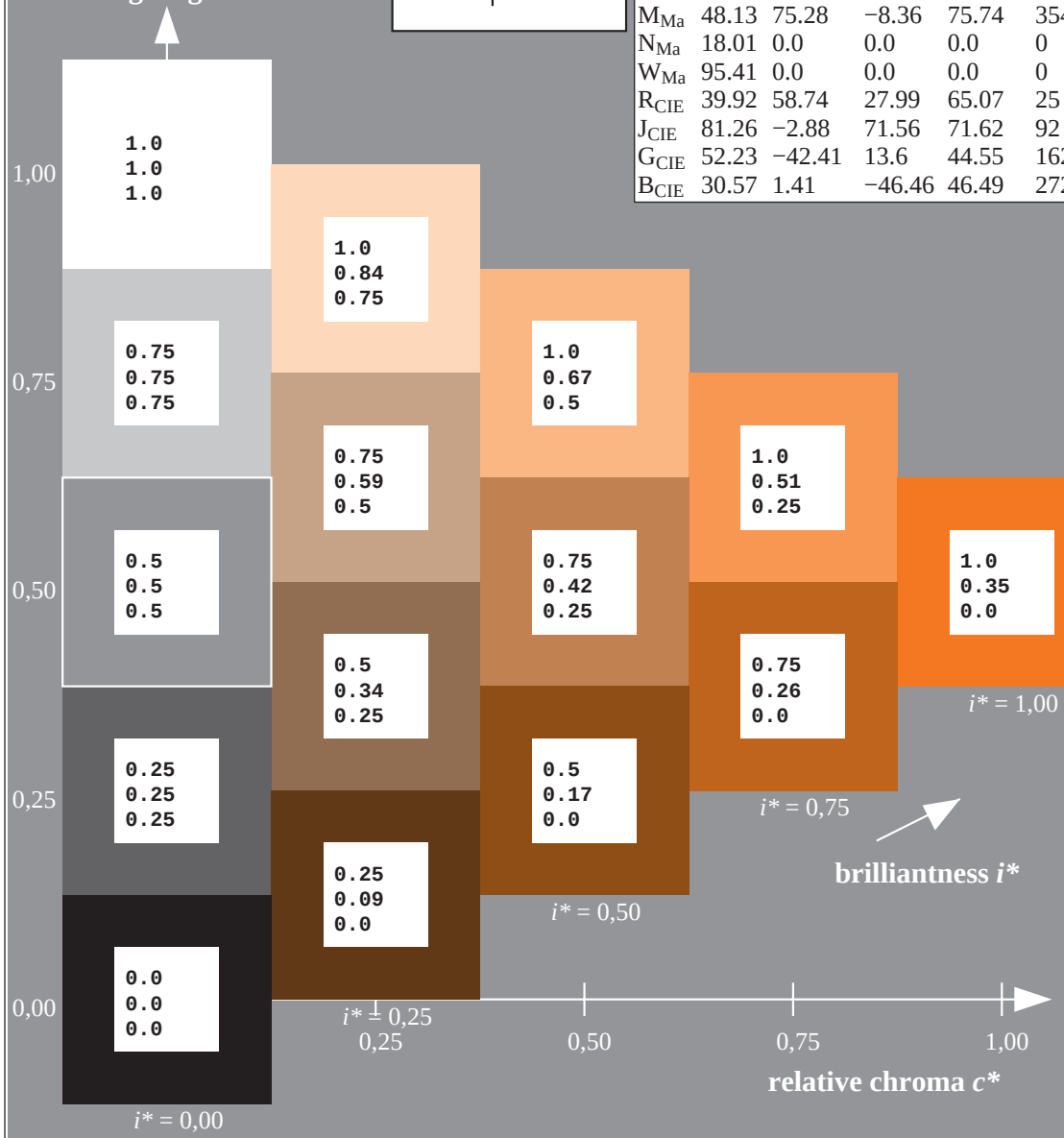


ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 39 65
$LAB^*LCH^*_{Ma}$: 63 76 59
$lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
$lab^*olv^*_{Ma}$: 1.0 0.35 0.0

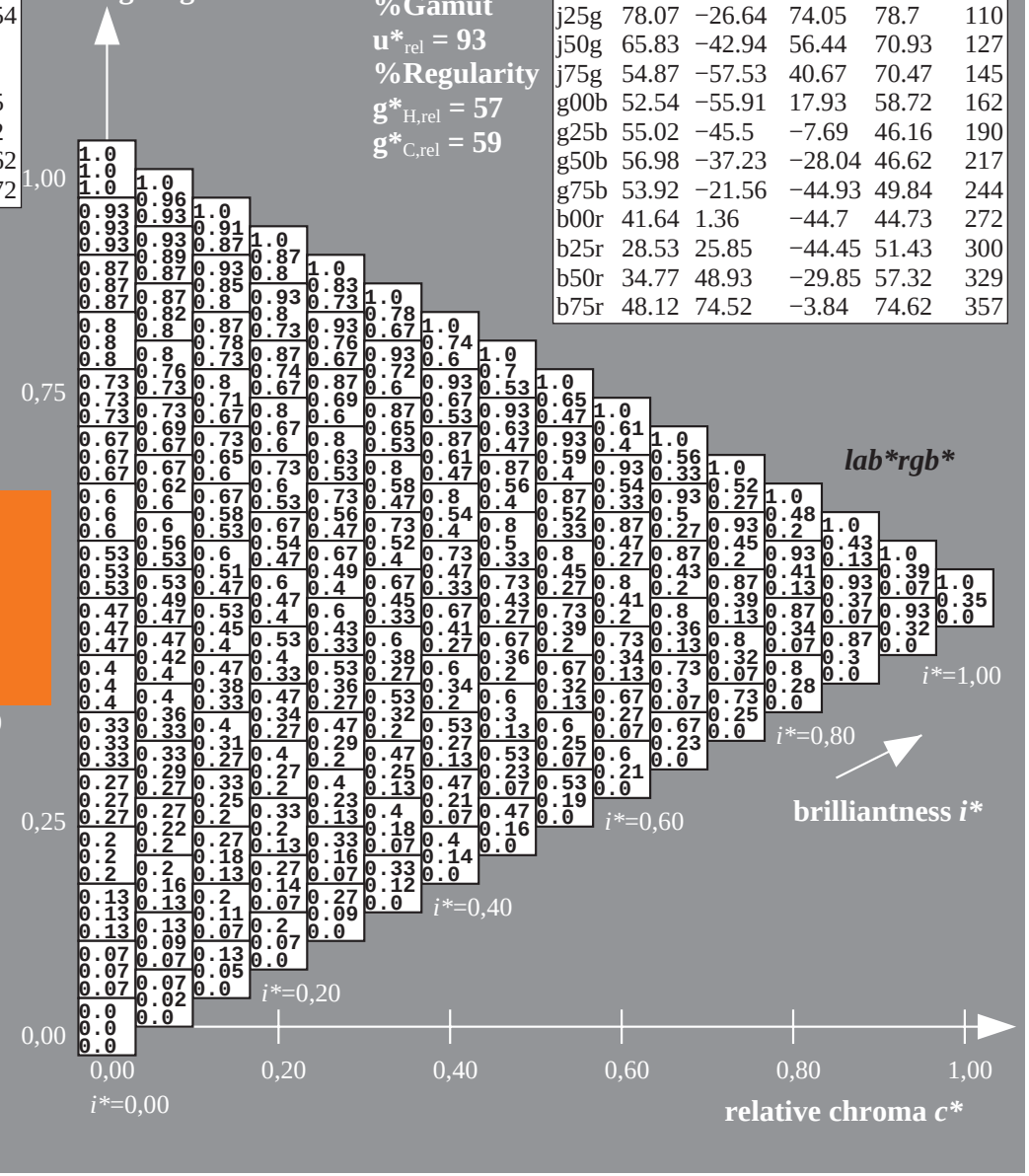
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

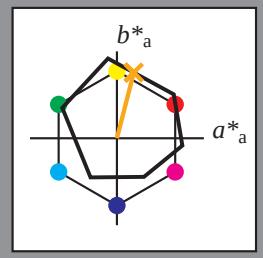
triangle lightness t^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

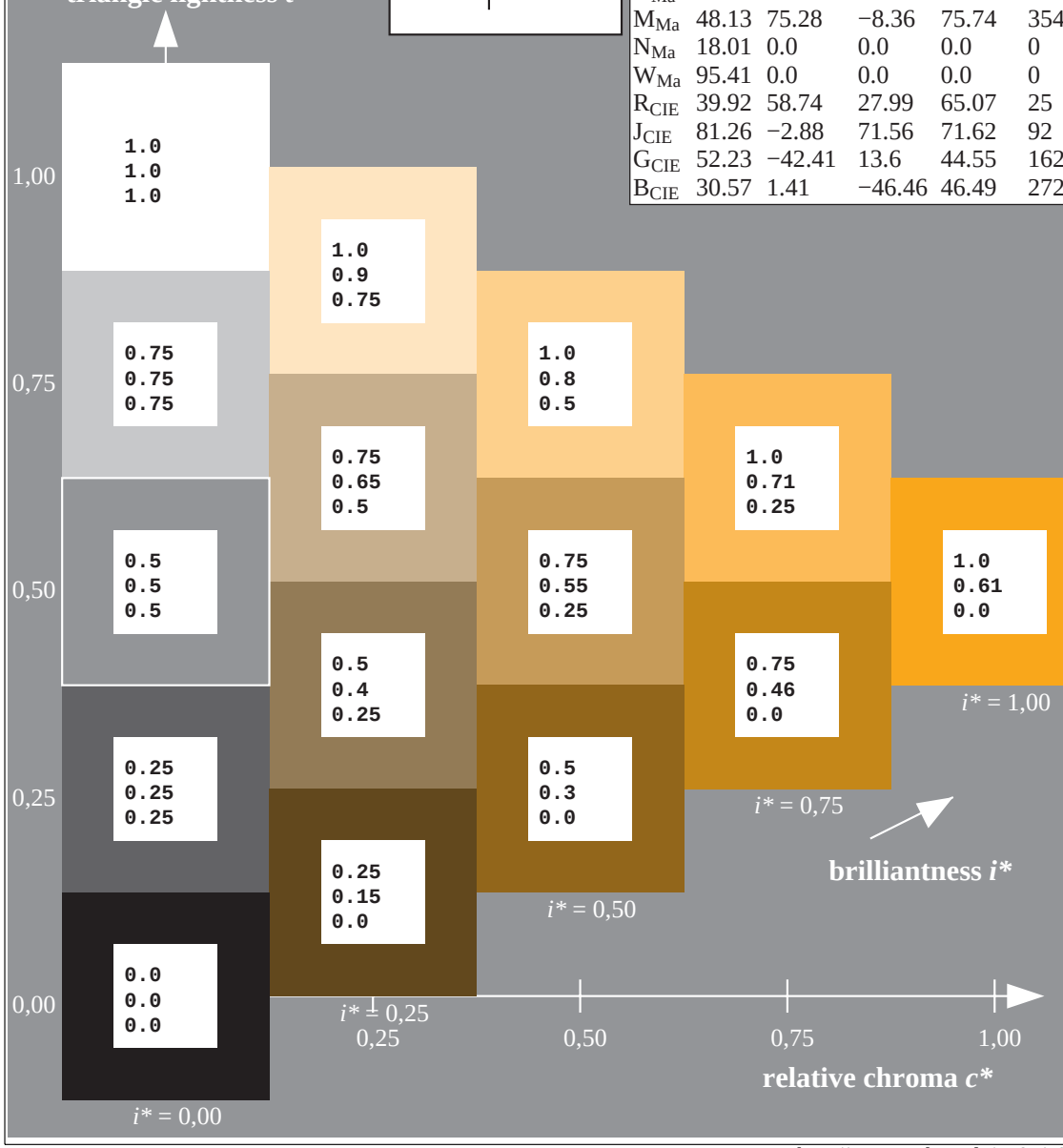


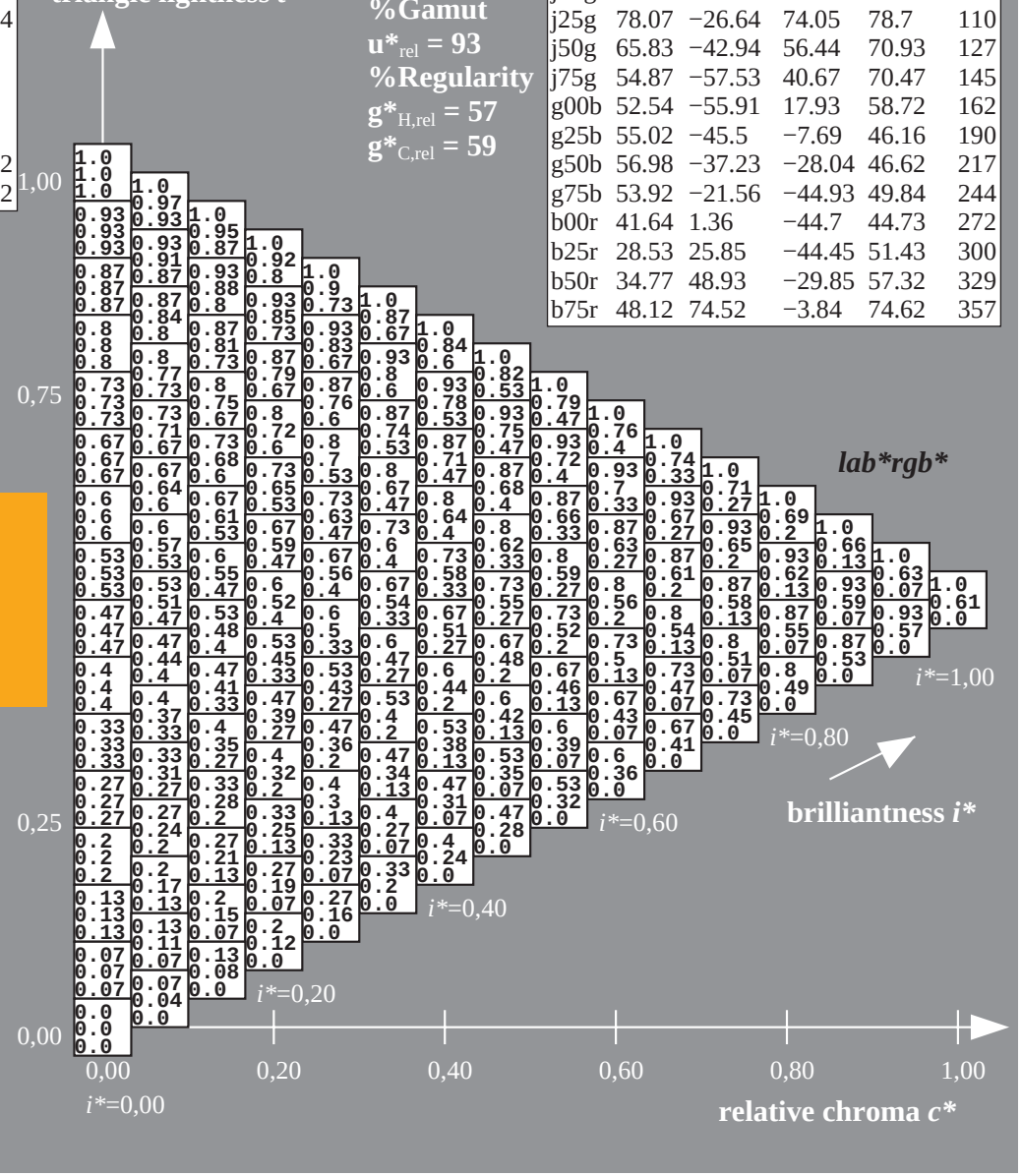
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 76**
***LAB*LCH**$_{Ma}$: 74 78 76**
***lab*rgb**$_{Ma}$: 1.0 0.75 0.0**
***lab*olv**$_{Ma}$: 1.0 0.61 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

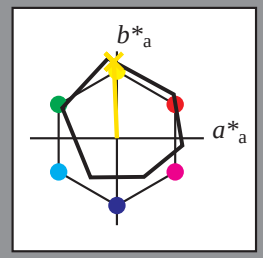




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

$u^* = j00g$
lab^*rgb^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j00g$
contrast reduction factor:
$c_R = 1.0$

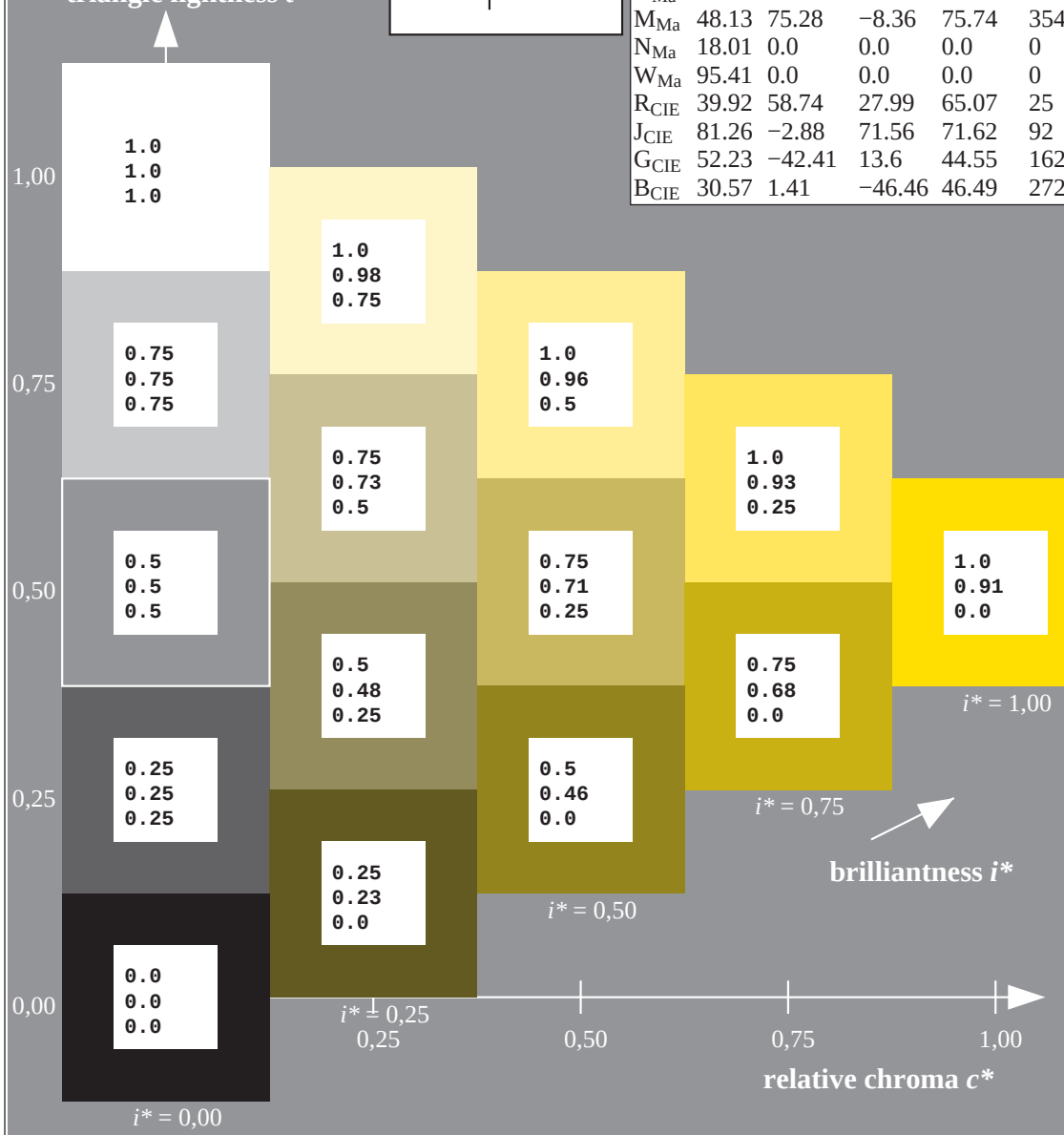


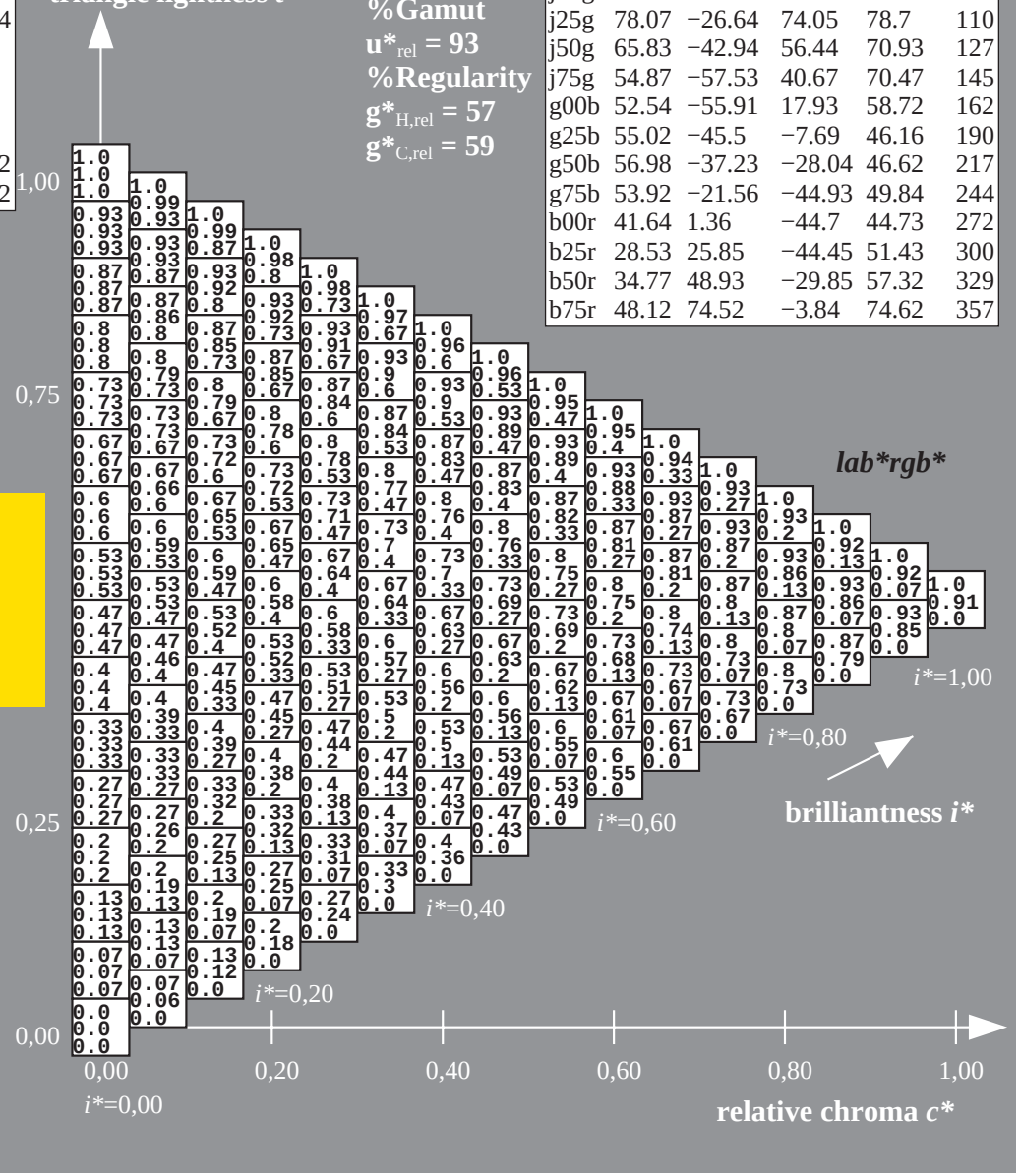
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −3 88
$LAB^*LCH^*_{Ma}$: 87 88 92
$lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
$lab^*olv^*_{Ma}$: 1.0 0.91 0.0

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

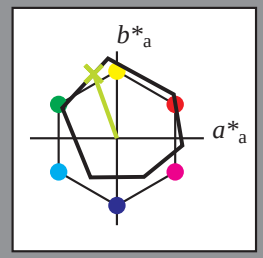




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$



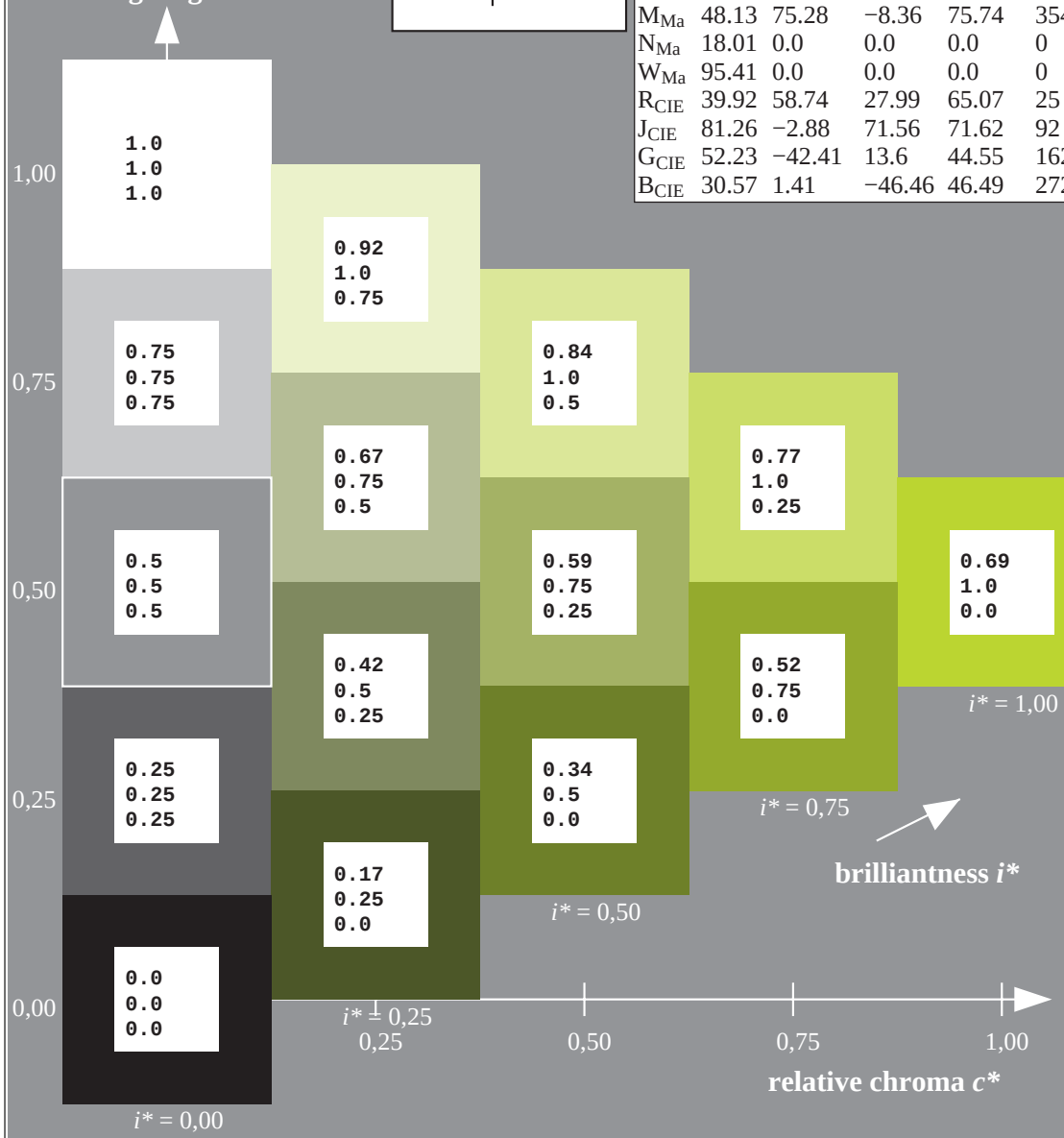
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −26 74
$LAB^*LCH^*_{Ma}$: 78 79 110
$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
$lab^*olv^*_{Ma}$: 0.69 1.0 0.0

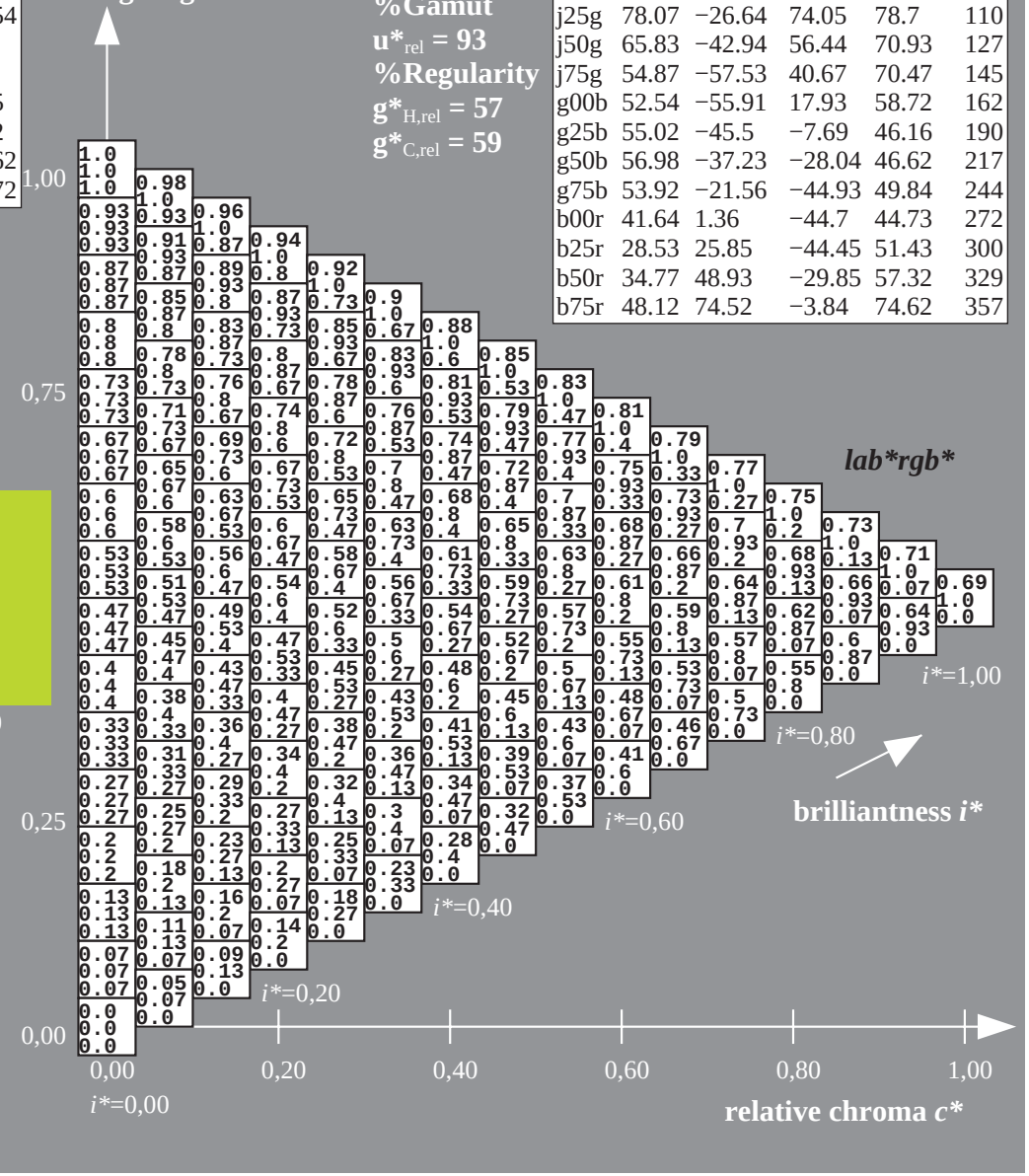
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

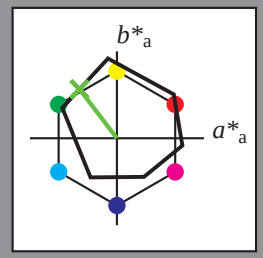
triangle lightness t^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −42 56

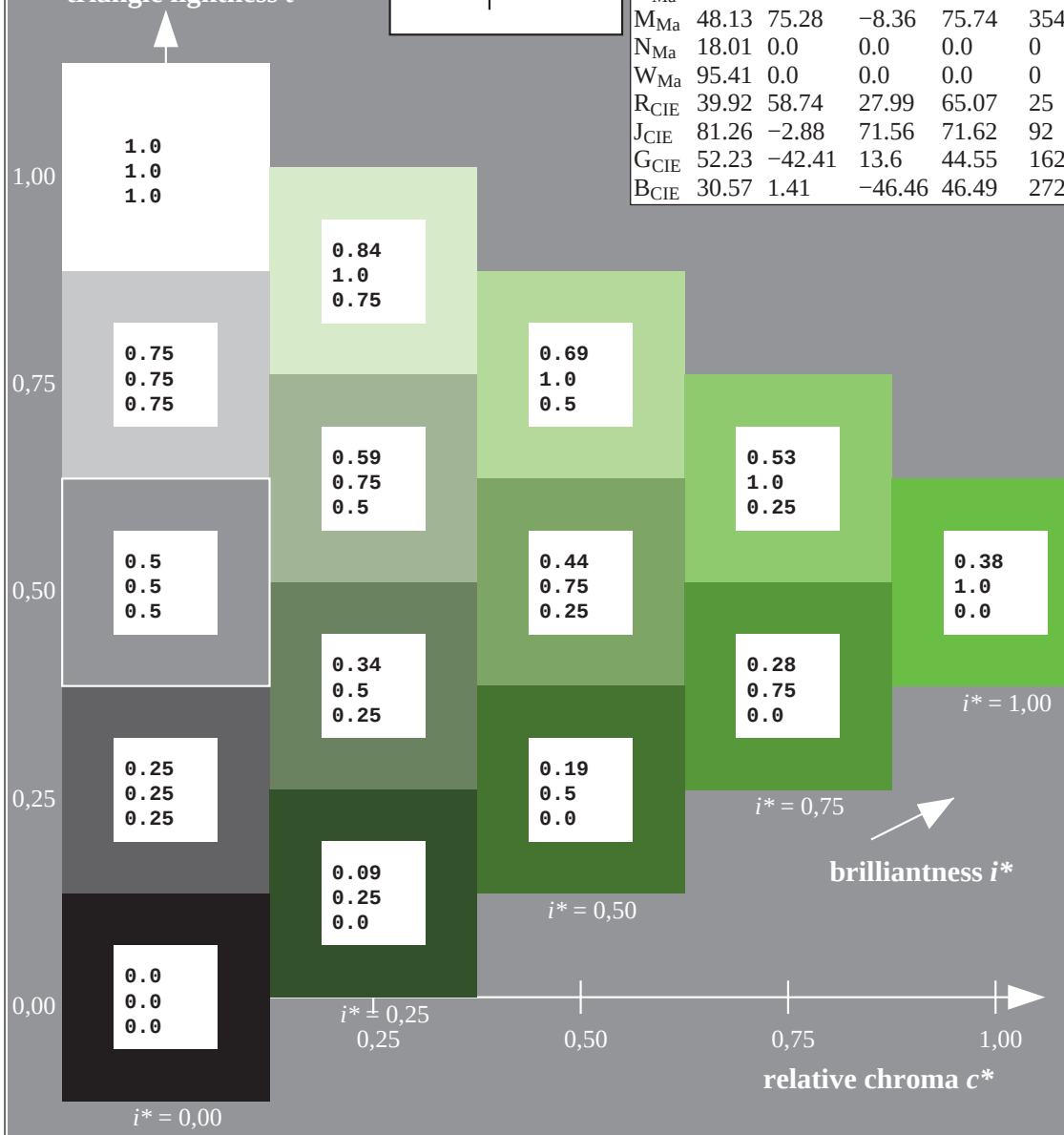
$LAB^*LCH^*_{Ma}$: 66 71 127

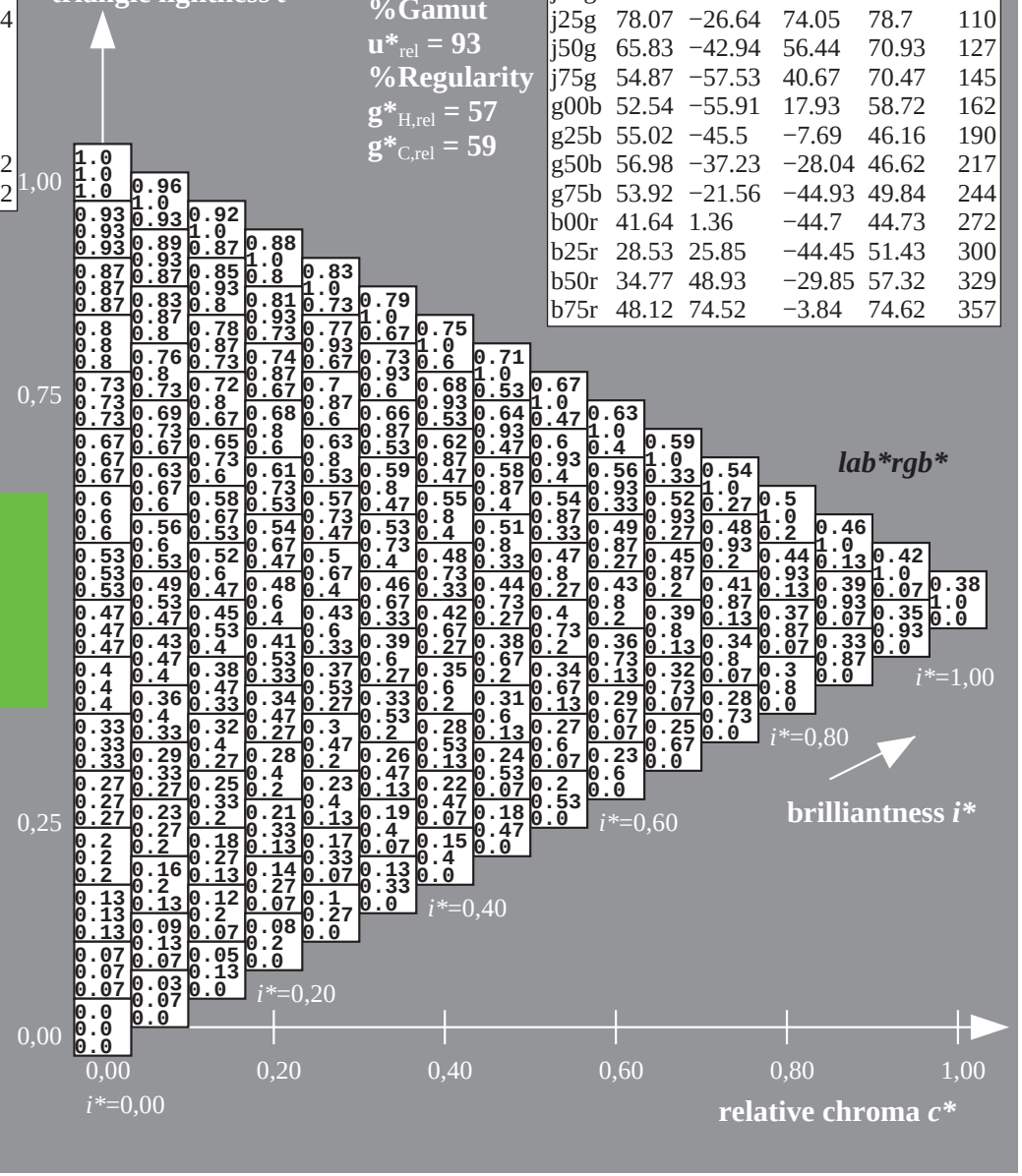
$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0

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

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

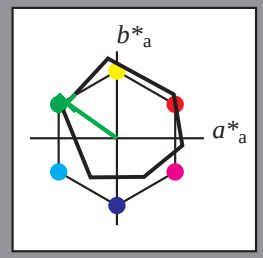




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −57 41

$LAB^*LCH^*_{Ma}$: 55 70 145

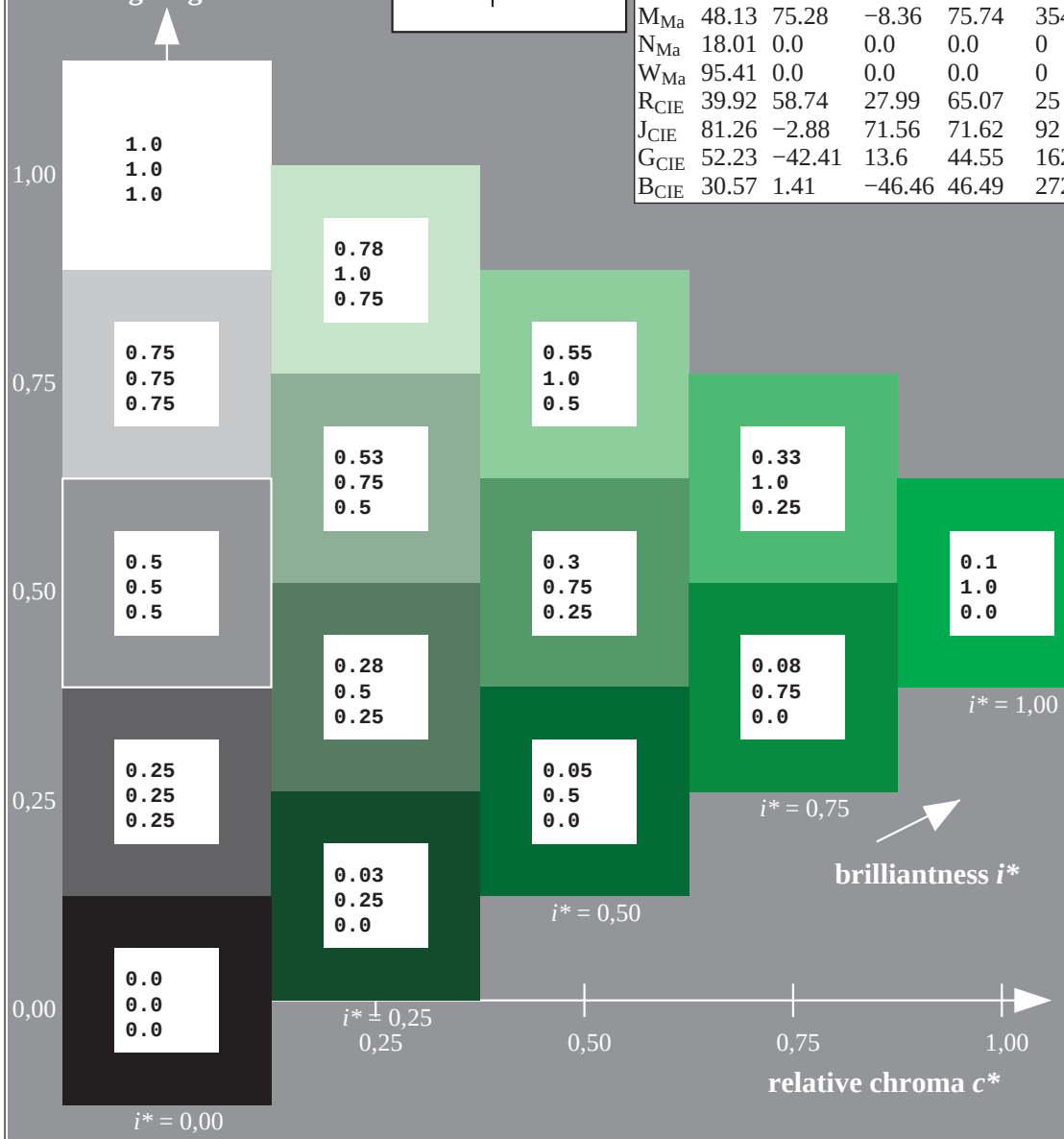
$lab^*rgb^*_{Ma}$: 0.25 1.0 0.0

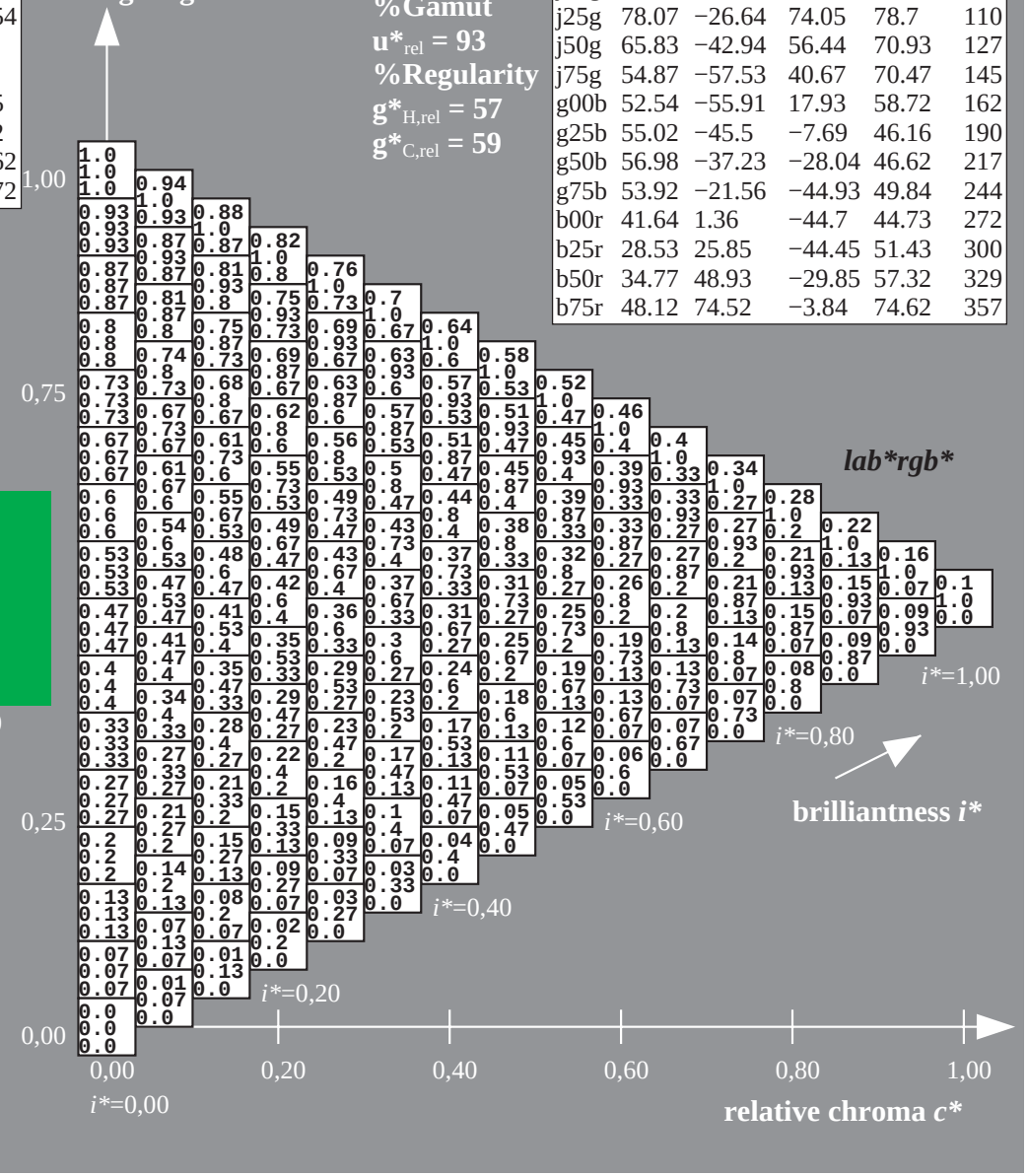
$lab^*olv^*_{Ma}$: 0.1 1.0 0.0

triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

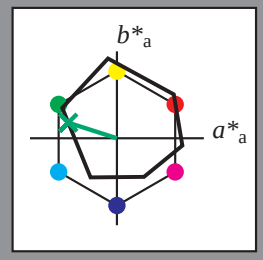




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

$u^* = g00b$
lab^*rgb^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = g00b$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −55 18

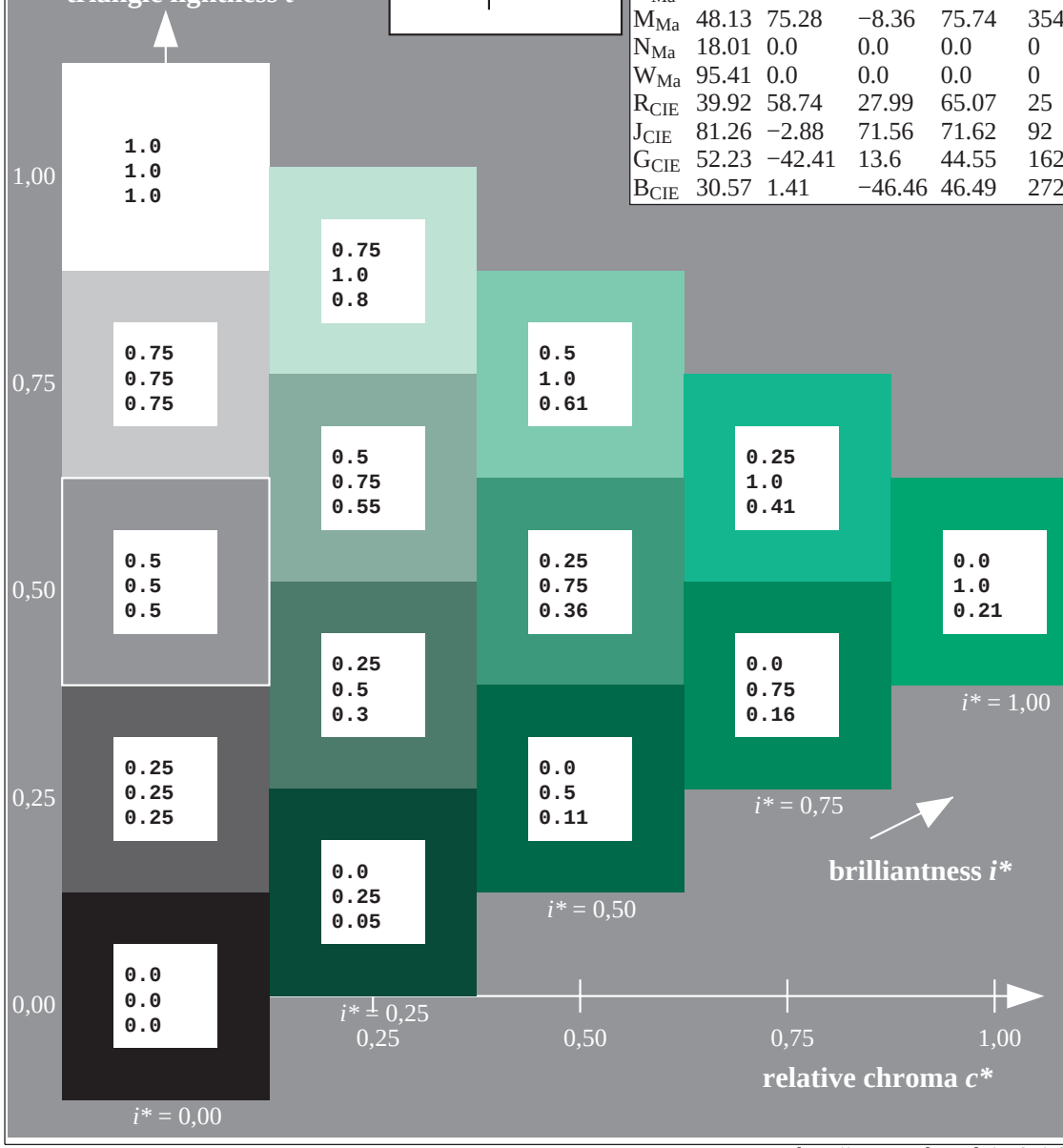
$LAB^*LCH^*_{Ma}$: 53 59 162

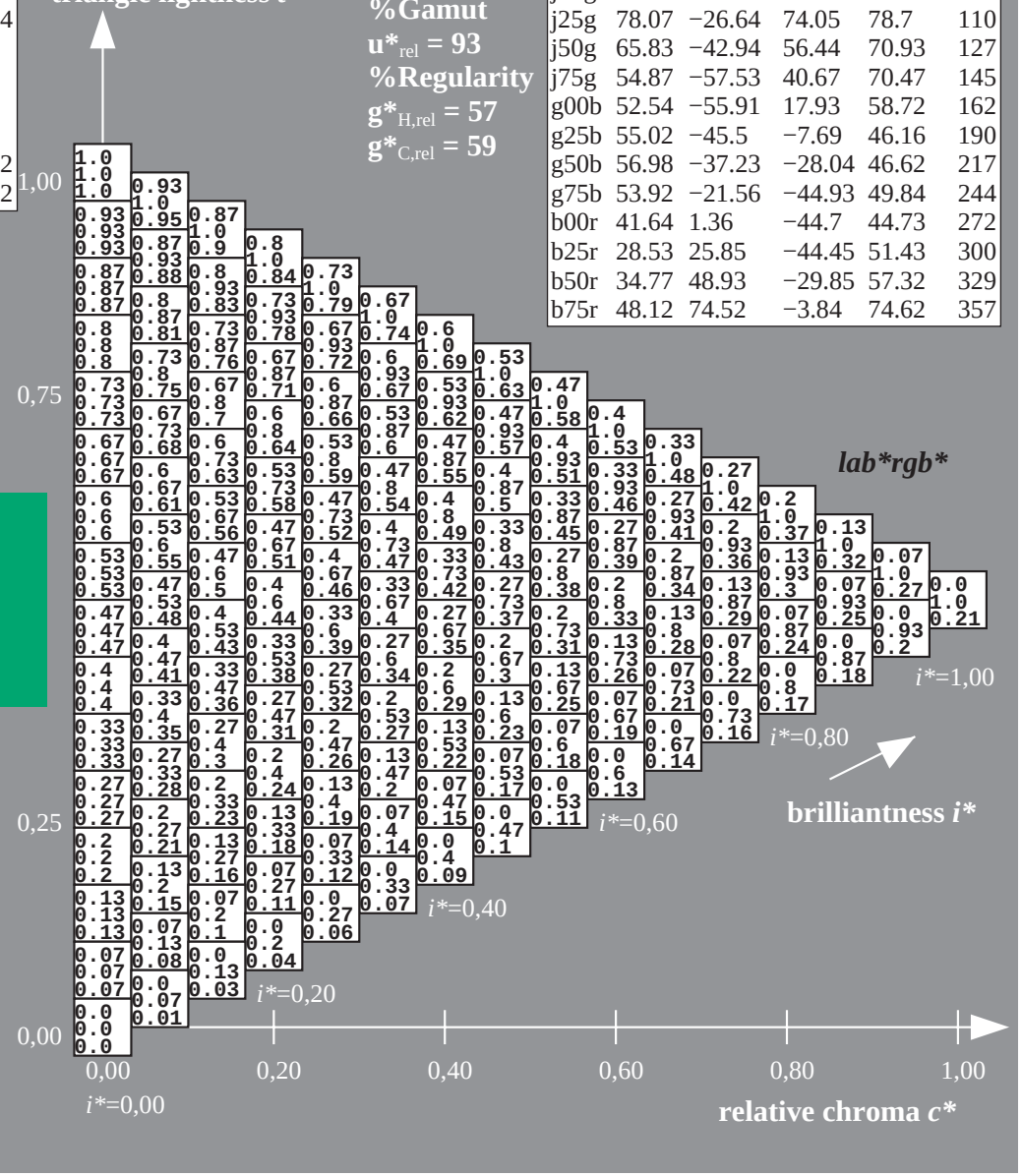
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0

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

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

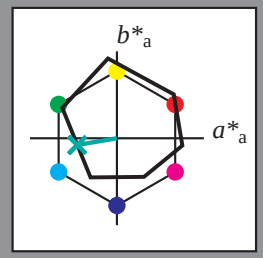




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

$u^* = g25b$
lab^*rgb^*

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = g25b
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

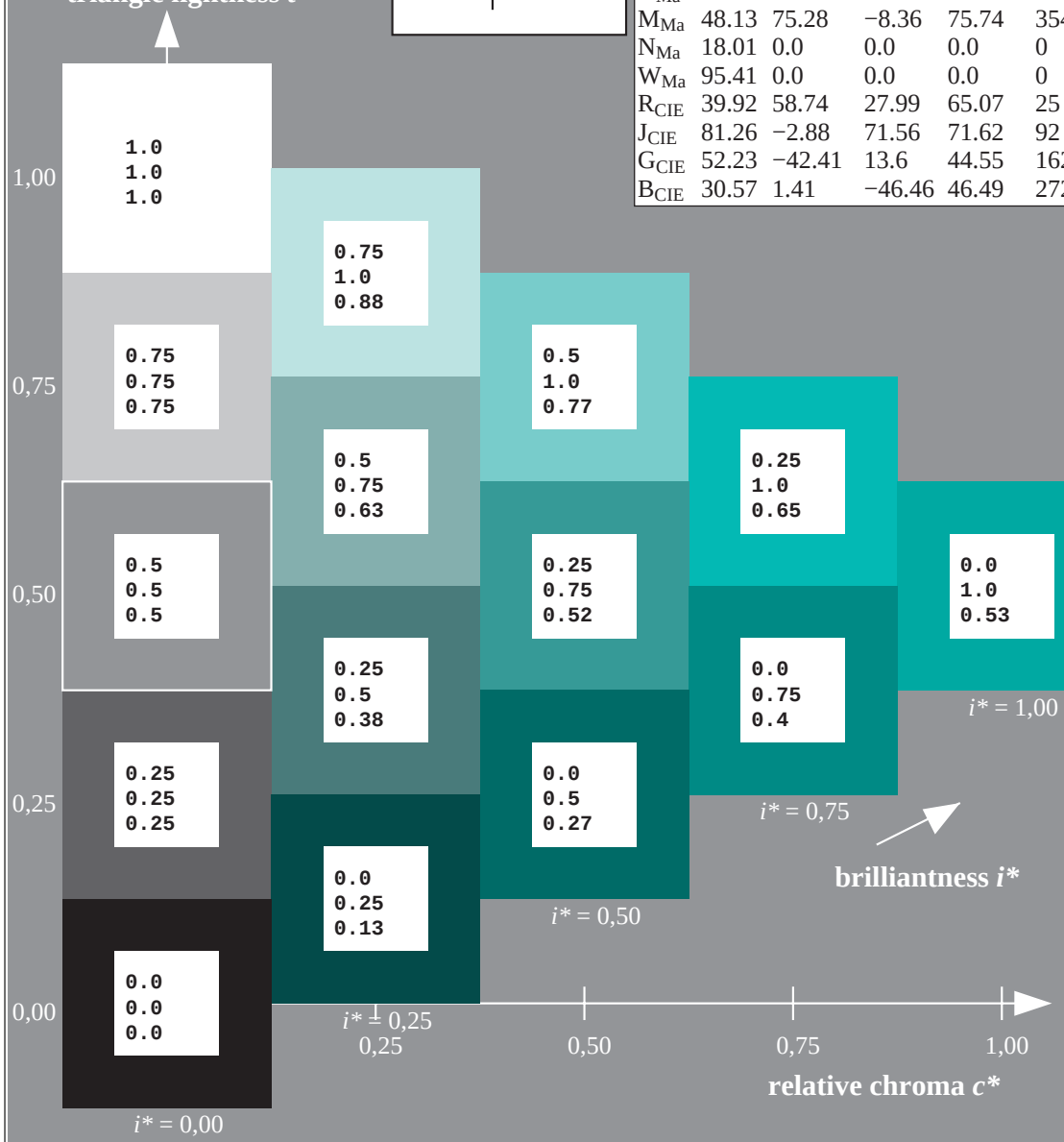


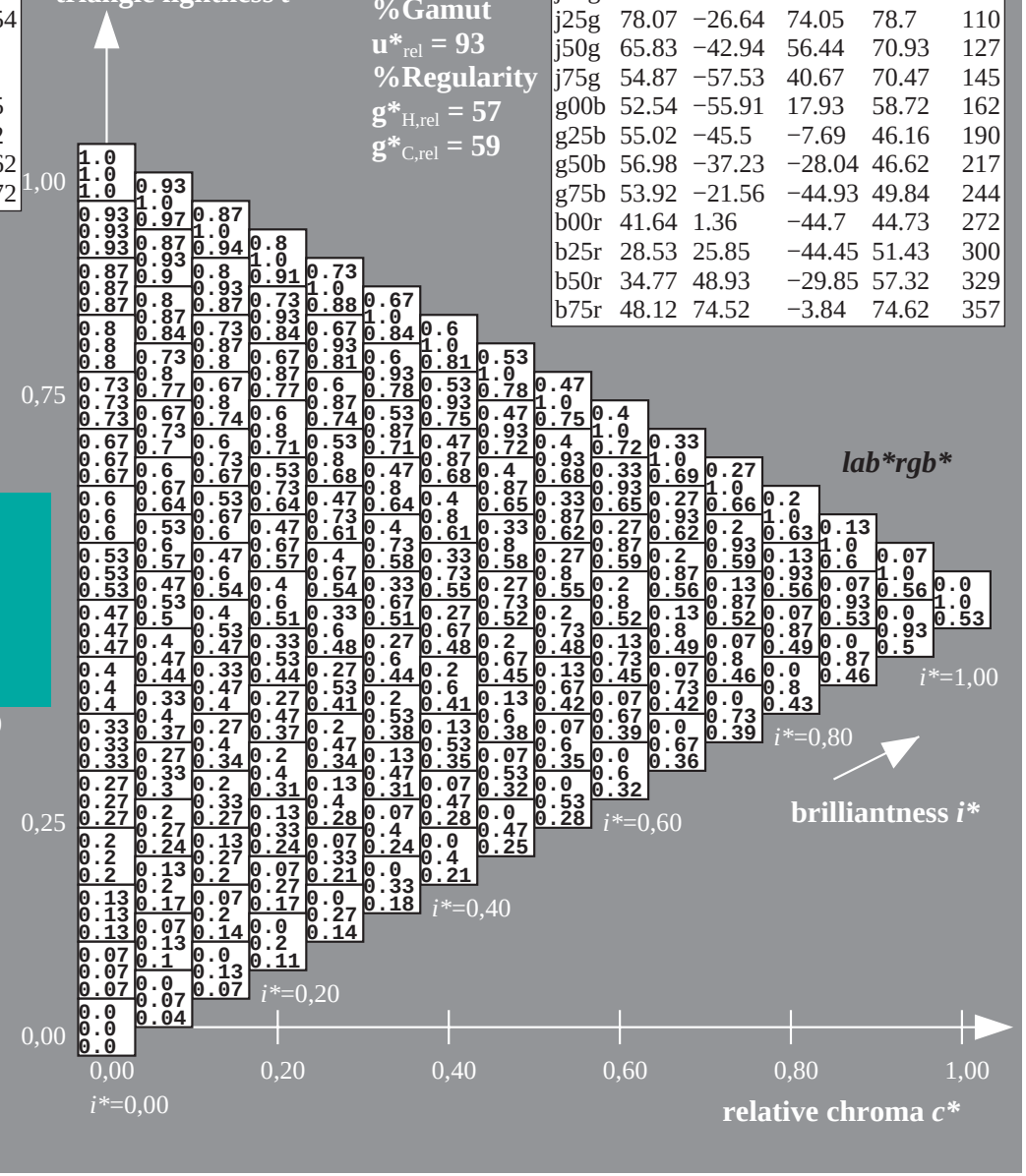
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −45 −7**
***LAB*LCH*$_{Ma}$*: 55 46 190**
***lab*rgb*$_{Ma}$*: 0.0 1.0 0.5**
***lab*olv*$_{Ma}$*: 0.0 1.0 0.53**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

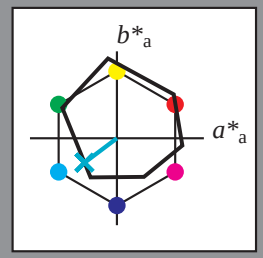




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

$u^* = g50b$
lab^*rgb^*

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = g50b
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

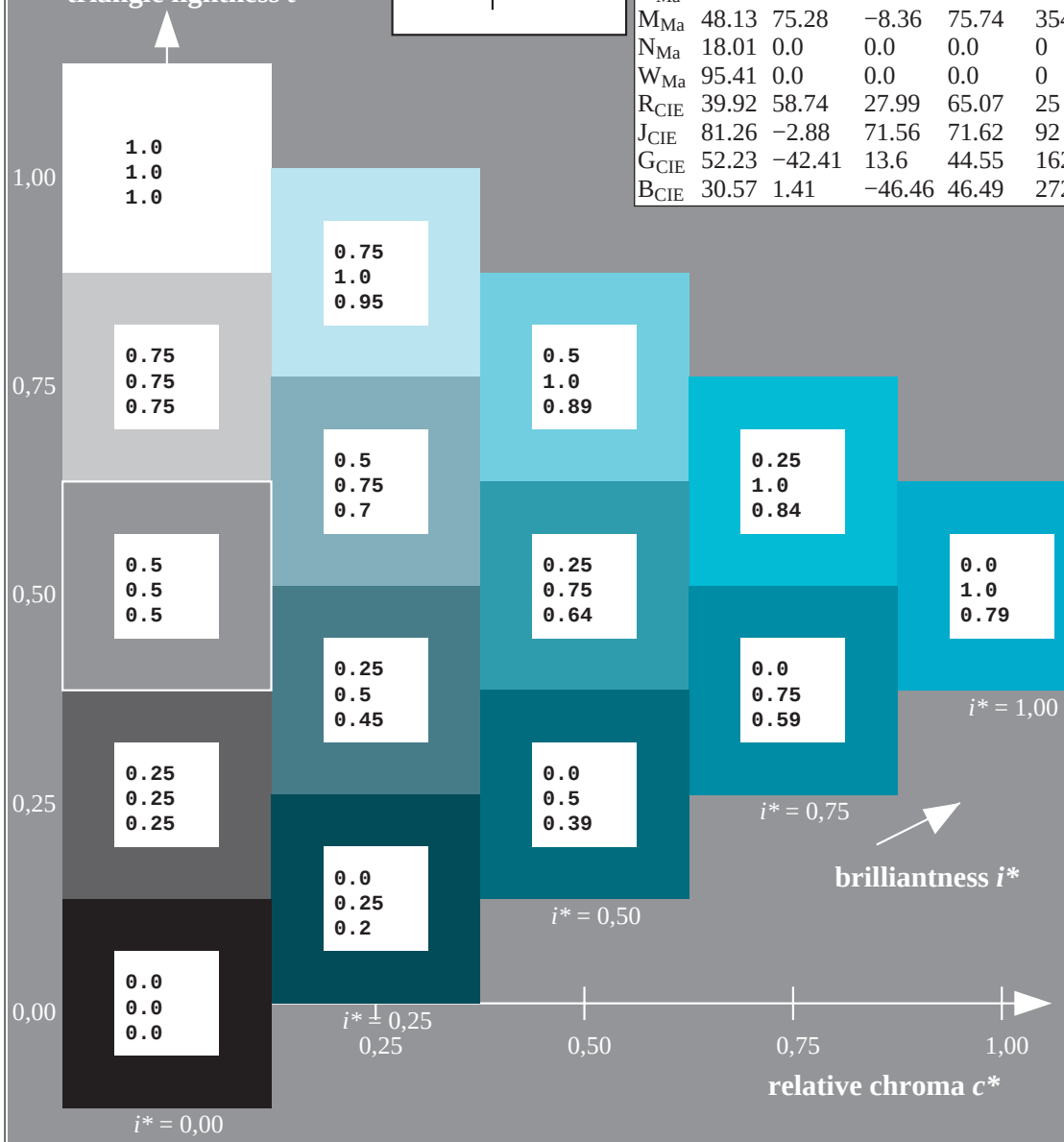


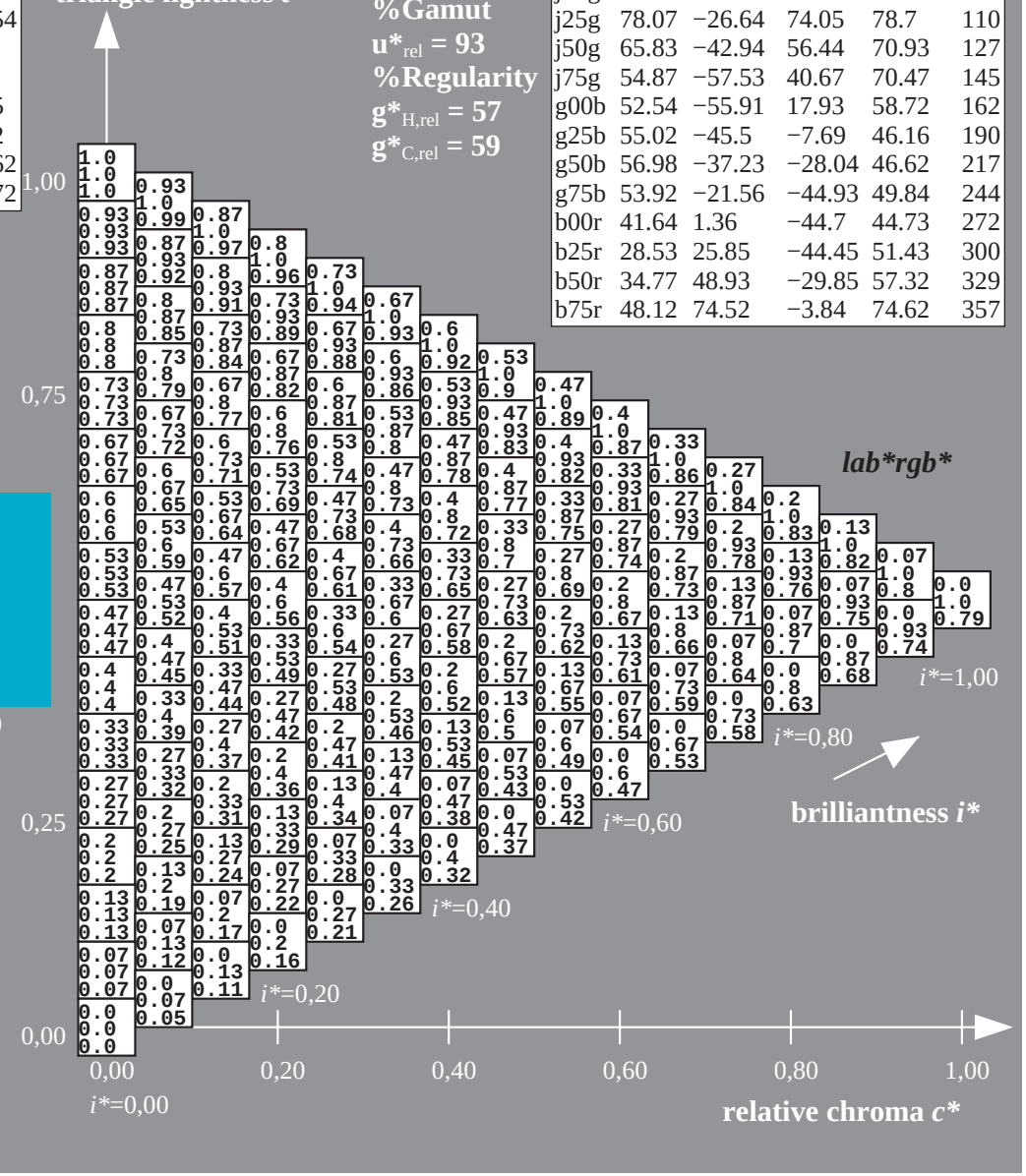
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −36 −27**
***LAB*LCH**$_{Ma}$: 57 47 217**
***lab*rgb**$_{Ma}$: 0.0 1.0 1.0**
***lab*olv**$_{Ma}$: 0.0 1.0 0.79**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

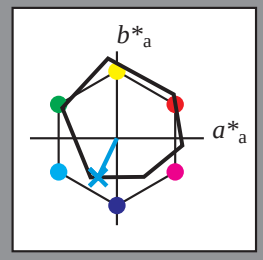




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = g75b$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

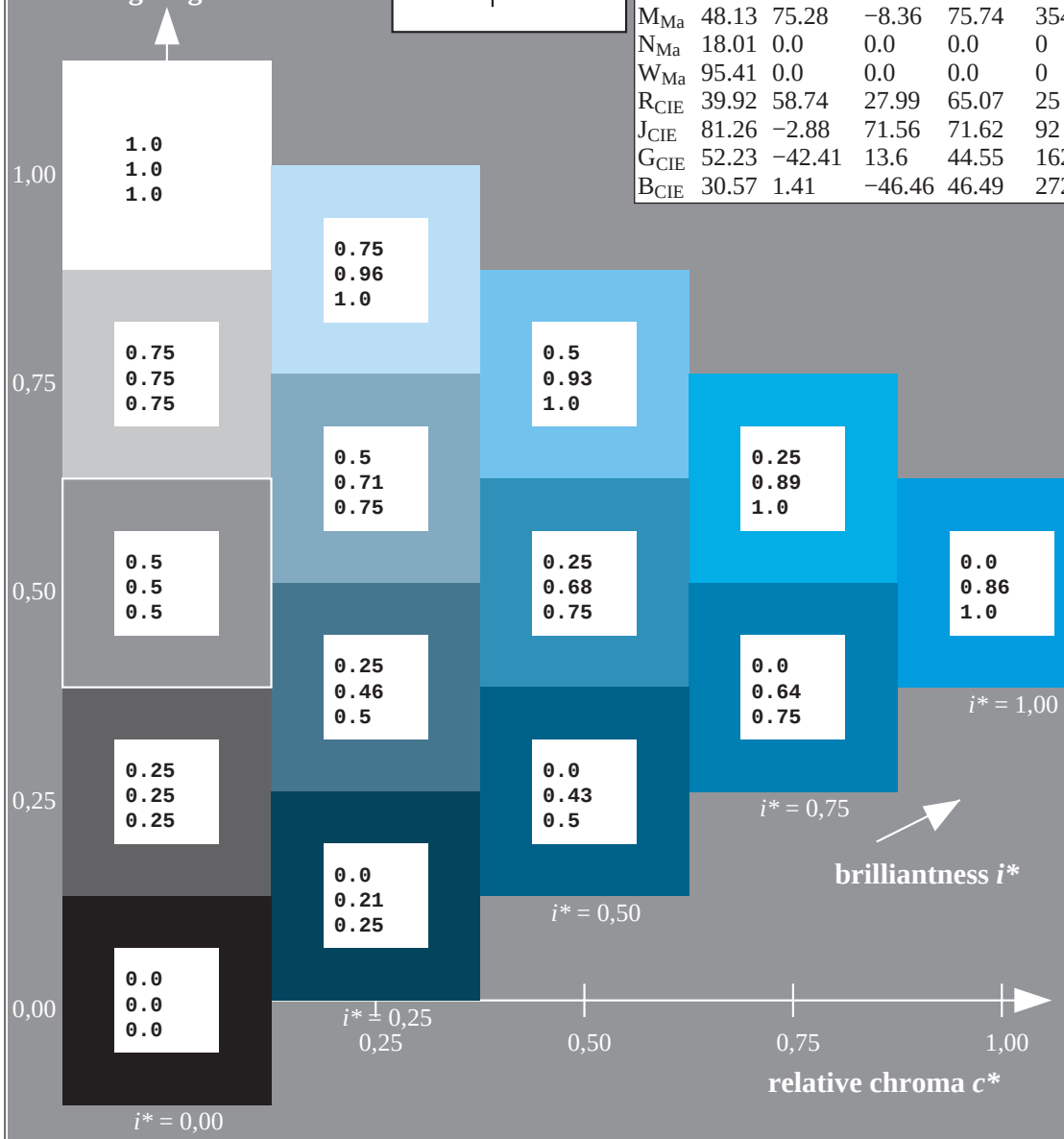
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −21 −44
$LAB^*LCH^*_{Ma}$: 54 50 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

ORS18_95aM; adapted (a) CIELAB data

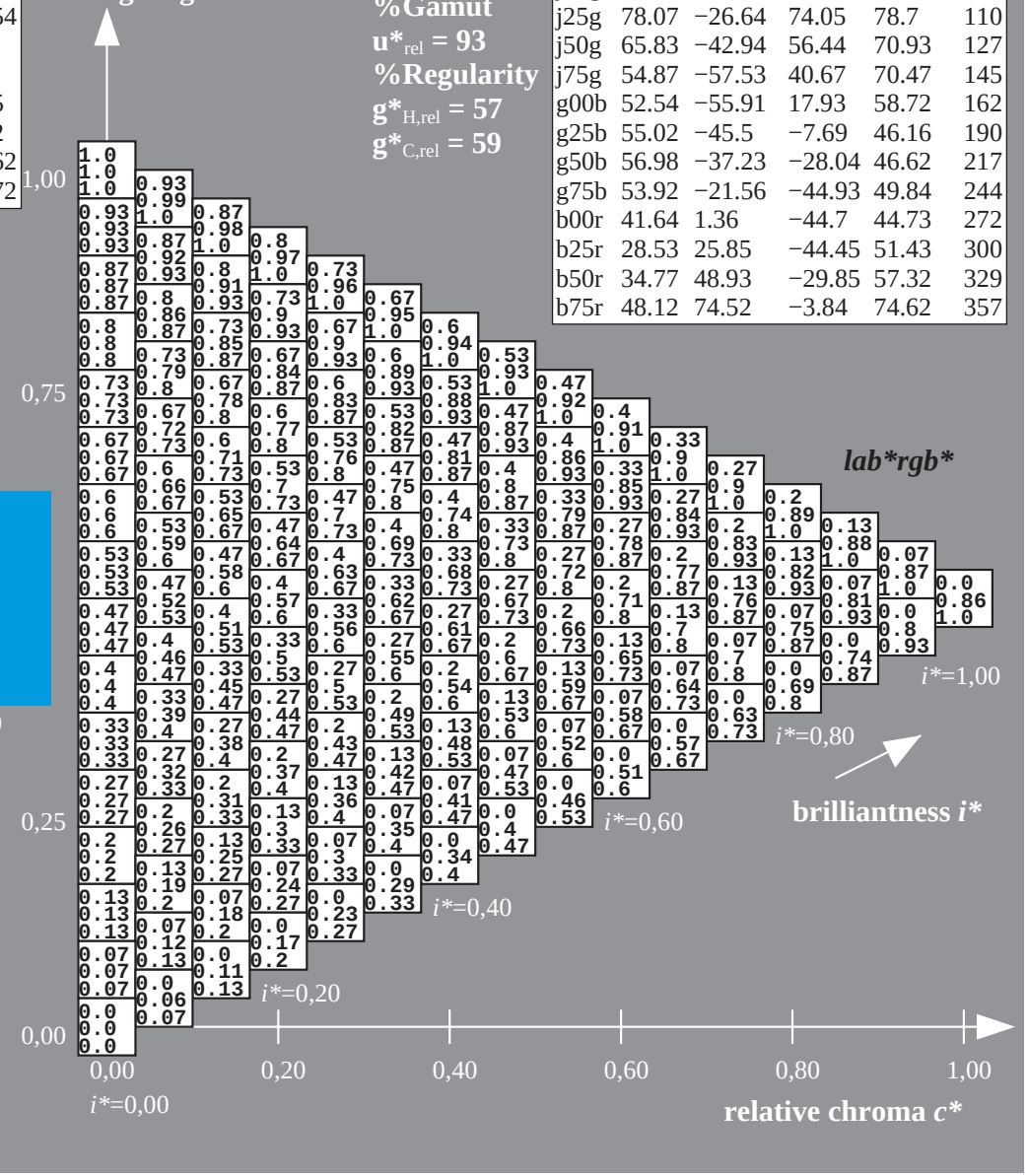
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



triangle lightness t^*

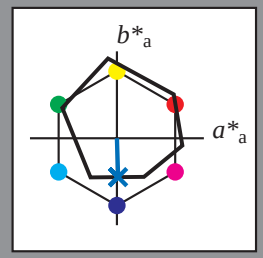
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b00r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data

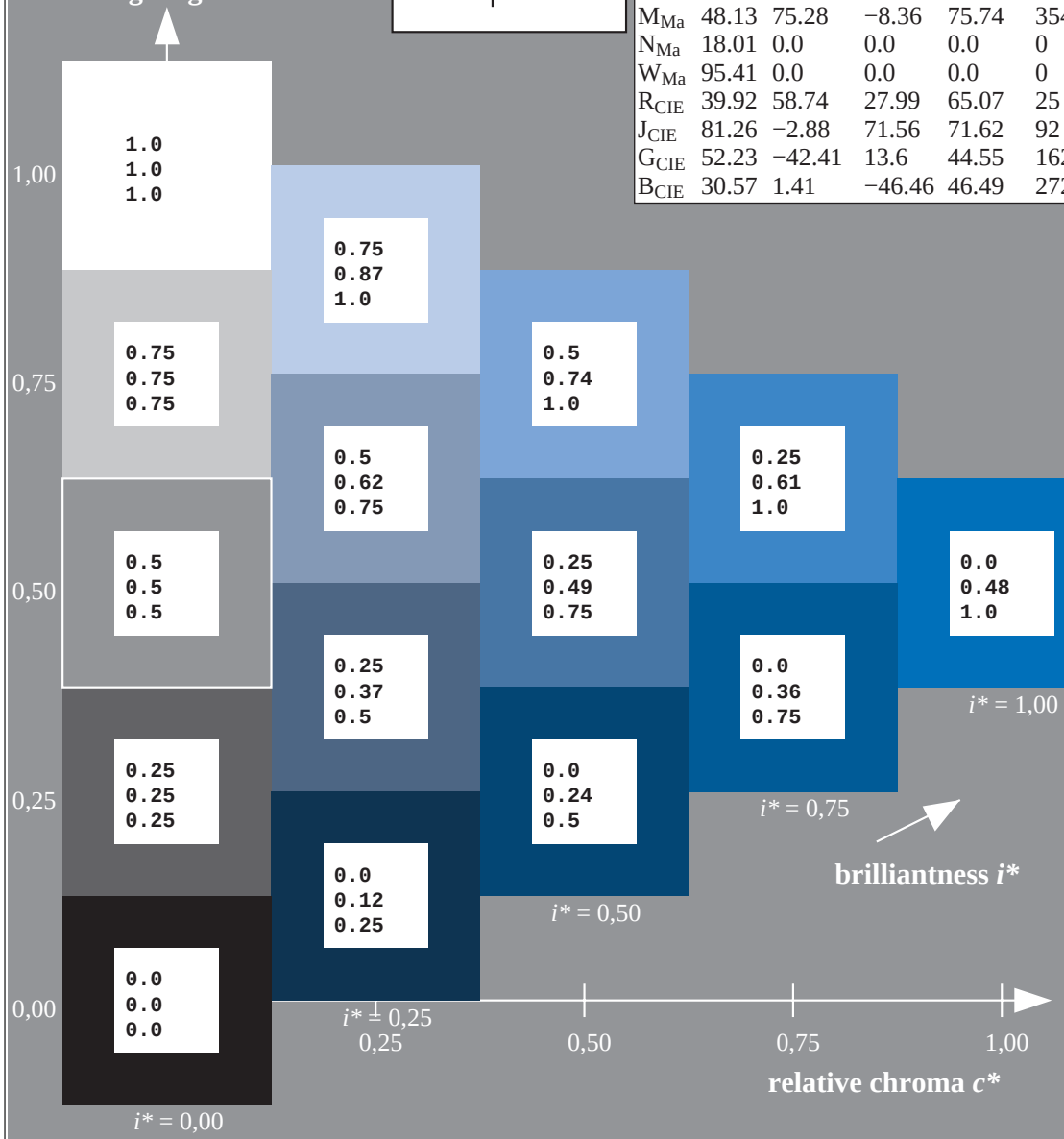
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

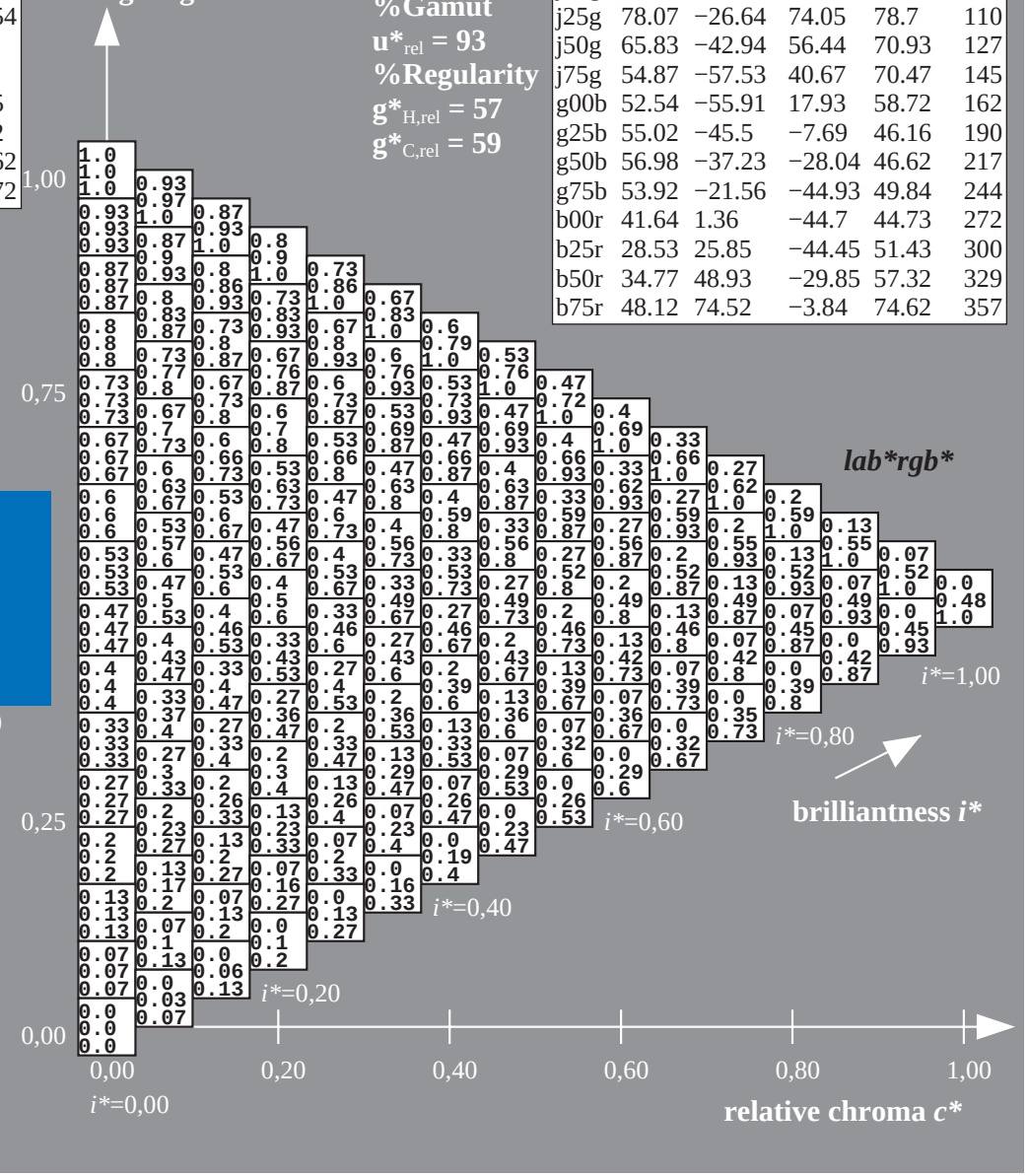
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 42 1 −44
$LAB^*LCH^*_{Ma}$: 42 45 272
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.48 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

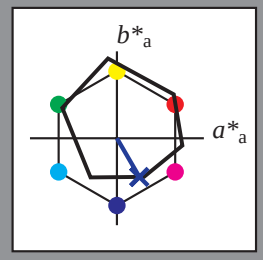




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

$u^* = b25r$
lab^*rgb^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b25r$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

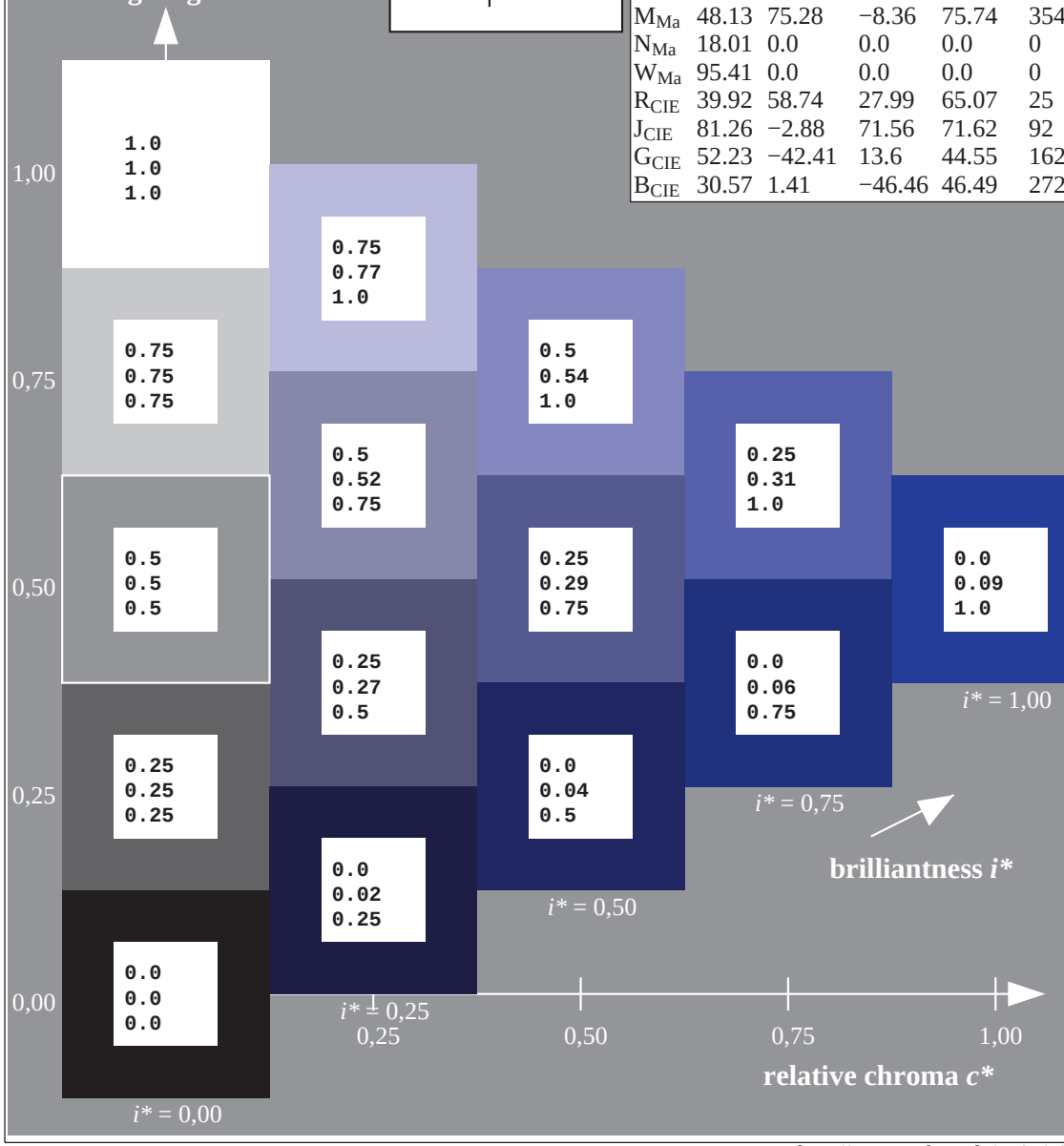
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Data for maximum colour (Ma):

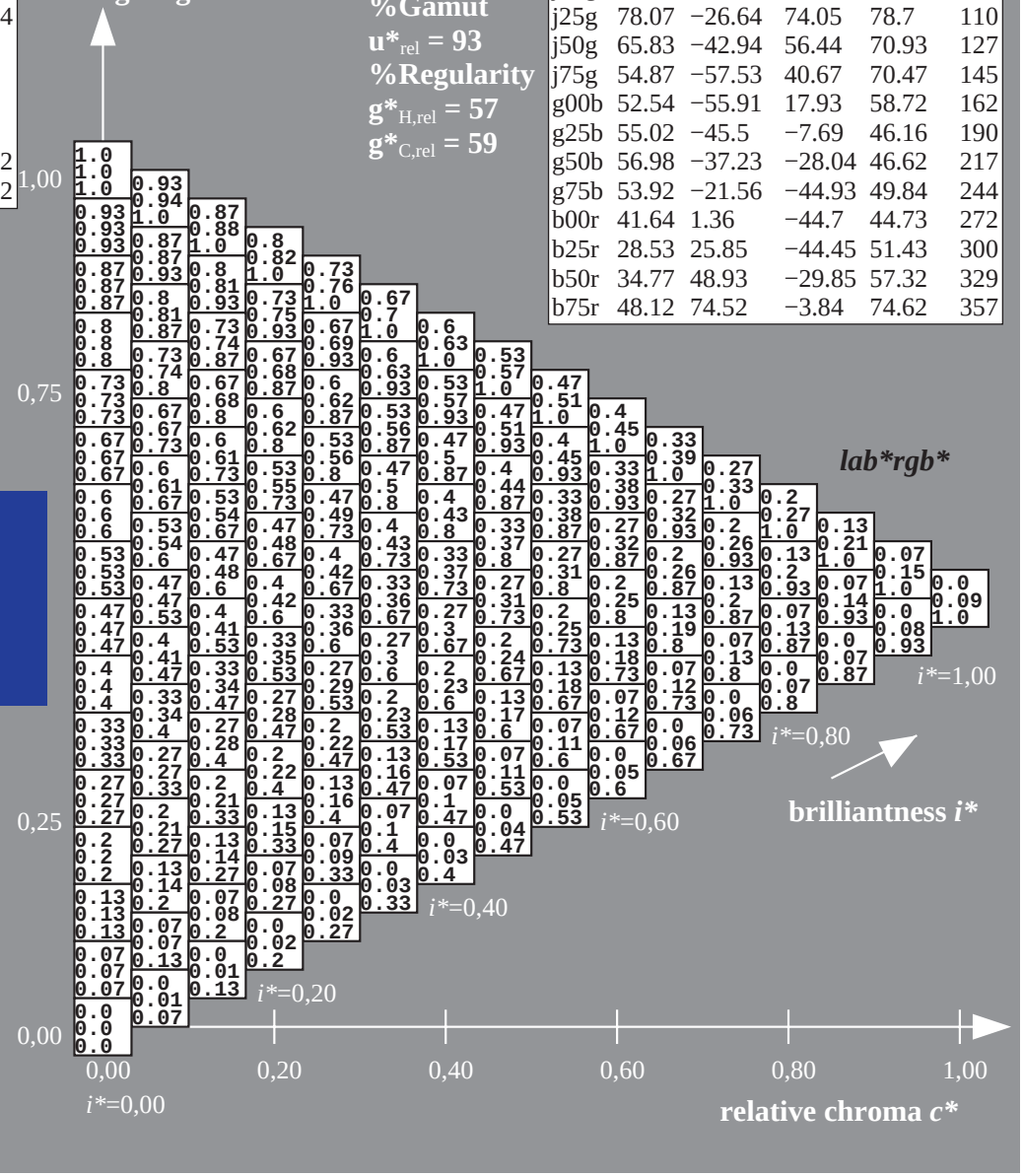
$LAB^*LAB^*_{Ma}$: 29 26 −43
$LAB^*LCH^*_{Ma}$: 29 51 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



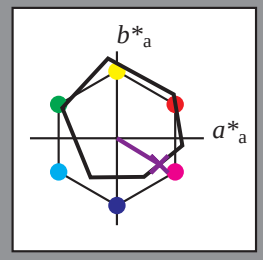
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

$u^* = b50r$
lab^*rgb^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b50r$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

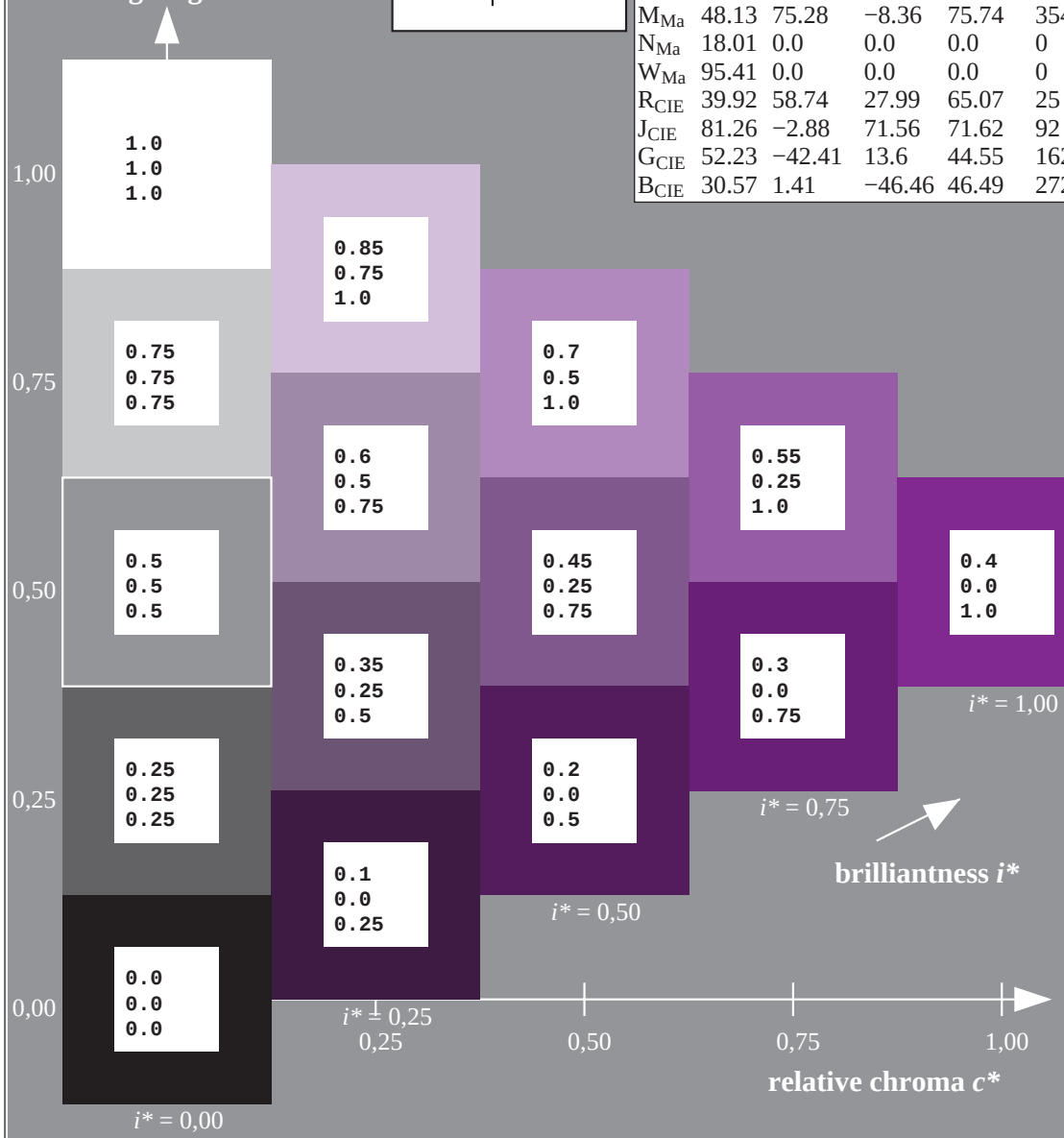
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 35 49 −29
$LAB^*LCH^*_{Ma}$: 35 57 329
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.4 0.0 1.0

ORS18_95aM; adapted (a) CIELAB data

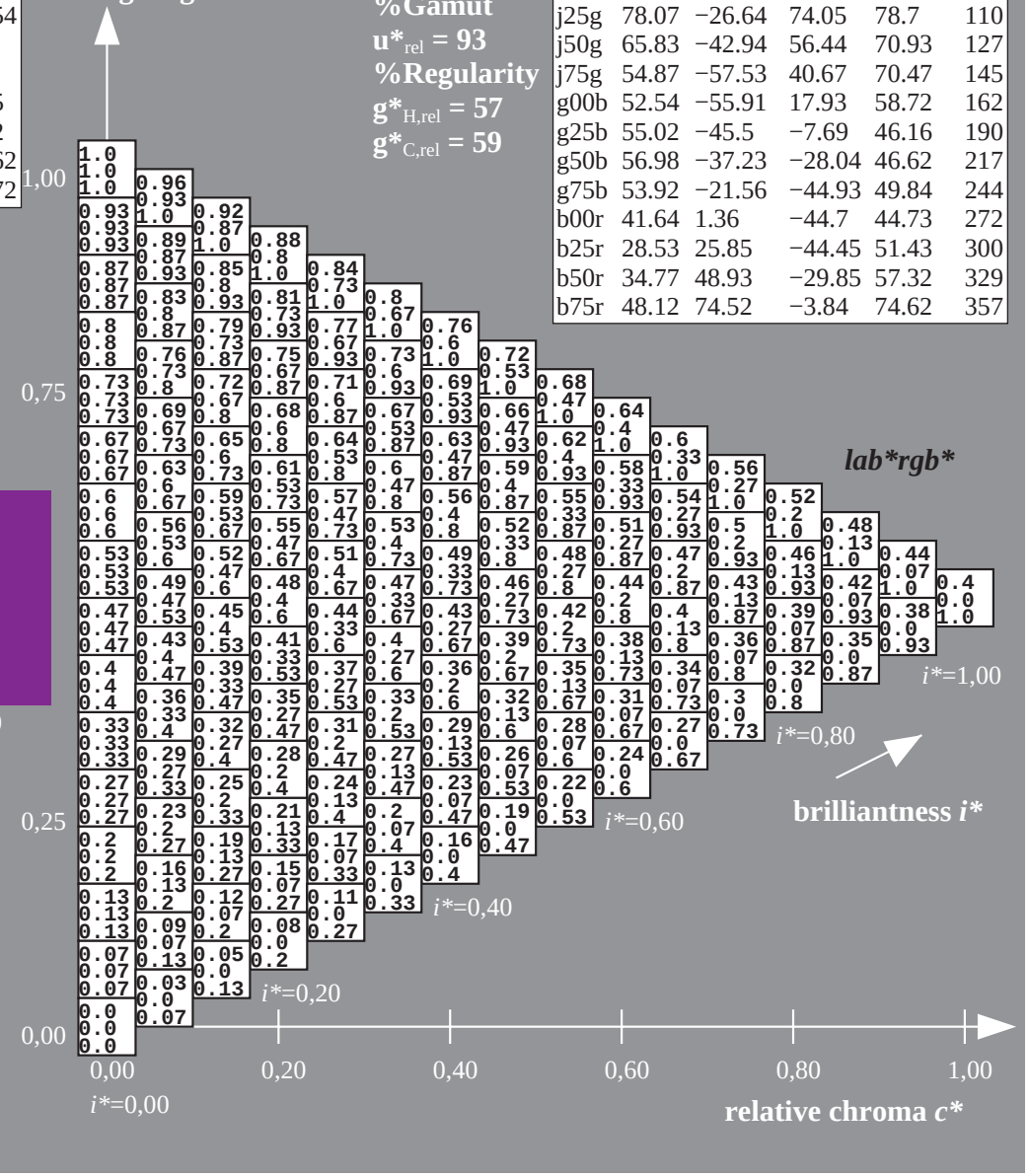
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

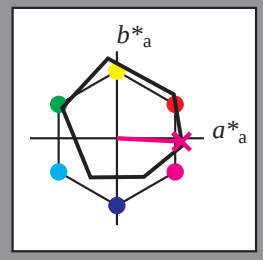
triangle lightness t^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

$u^* = b75r$
lab^*rgb^*

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = b75r$
contrast reduction factor:
$c_R = 1.0$

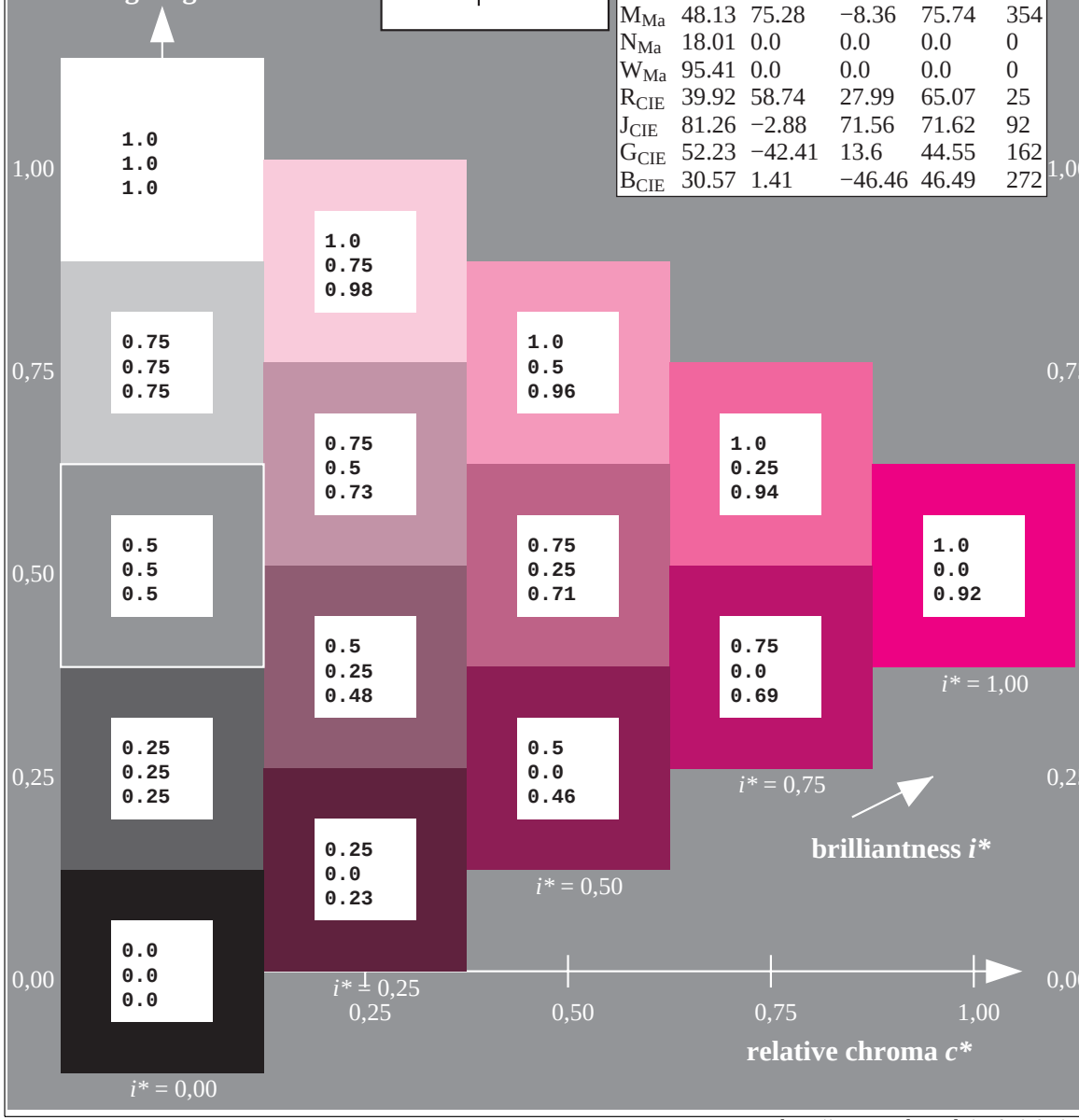


ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

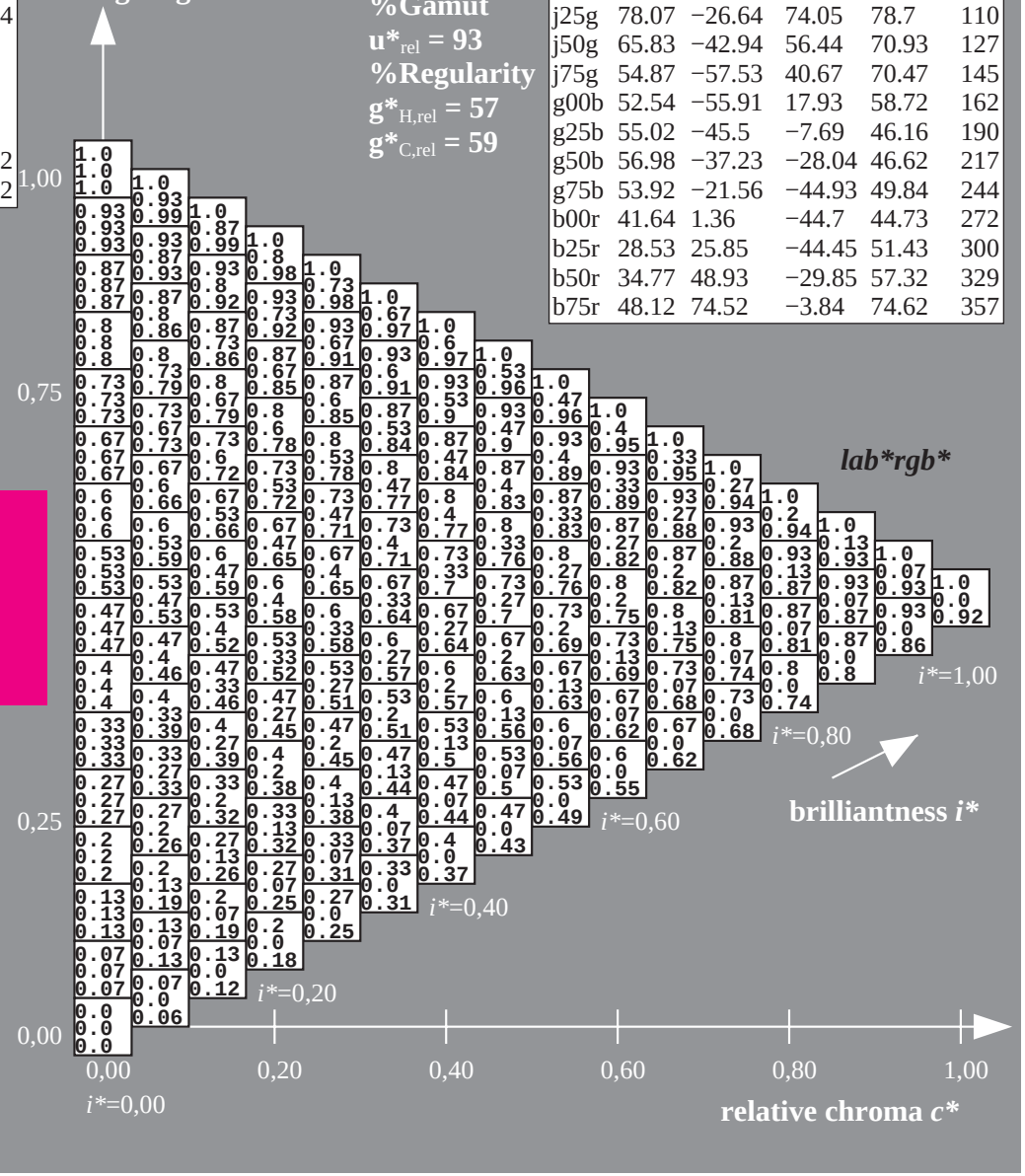
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 48 75 −3**
***LAB*LCH**$_{Ma}$: 48 75 357**
***lab*rgb**$_{Ma}$: 1.0 0.0 0.5**
***lab*olv**$_{Ma}$: 1.0 0.0 0.92**

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
01	0.0 0.0 0.0	0.0 0.13 0.0	0.0 0.25 0.0	0.0 0.38 0.0	0.0 0.5 0.0	0.0 0.63 0.0	0.0 0.75 0.0	0.0 0.88 0.0	0.0 1.0 0.0	0.13 0.0 0.0	0.13 0.13 0.0	0.13 0.25 0.0	0.13 0.38 0.0	0.13 0.5 0.0	0.13 0.63 0.0	0.13 0.75 0.0	0.13 0.88 0.0	0.13 1.0 0.0
02	0.0 0.0 0.13	0.0 0.13 0.13	0.0 0.25 0.13	0.0 0.38 0.13	0.0 0.5 0.13	0.0 0.63 0.13	0.0 0.75 0.13	0.0 0.88 0.13	0.0 1.0 0.13	0.13 0.0 0.13	0.13 0.13 0.13	0.13 0.25 0.13	0.13 0.38 0.13	0.13 0.5 0.13	0.13 0.63 0.13	0.13 0.75 0.13	0.13 0.88 0.13	0.13 1.0 0.13
03	0.0 0.0 0.25	0.0 0.13 0.25	0.0 0.25 0.25	0.0 0.38 0.25	0.0 0.5 0.25	0.0 0.63 0.25	0.0 0.75 0.25	0.0 0.88 0.25	0.0 1.0 0.25	0.13 0.0 0.25	0.13 0.13 0.25	0.13 0.25 0.25	0.13 0.38 0.25	0.13 0.5 0.25	0.13 0.63 0.25	0.13 0.75 0.25	0.13 0.88 0.25	0.13 1.0 0.25
04	0.0 0.0 0.38	0.0 0.13 0.38	0.0 0.25 0.38	0.0 0.38 0.38	0.0 0.5 0.38	0.0 0.63 0.38	0.0 0.75 0.38	0.0 0.88 0.38	0.0 1.0 0.38	0.13 0.0 0.38	0.13 0.13 0.38	0.13 0.25 0.38	0.13 0.38 0.38	0.13 0.5 0.38	0.13 0.63 0.38	0.13 0.75 0.38	0.13 0.88 0.38	0.13 1.0 0.38
05	0.0 0.0 0.5	0.0 0.13 0.5	0.0 0.25 0.5	0.0 0.38 0.5	0.0 0.5 0.5	0.0 0.63 0.5	0.0 0.75 0.5	0.0 0.88 0.5	0.0 1.0 0.5	0.13 0.0 0.5	0.13 0.13 0.5	0.13 0.25 0.5	0.13 0.38 0.5	0.13 0.5 0.5	0.13 0.63 0.5	0.13 0.75 0.5	0.13 0.88 0.5	0.13 1.0 0.5
06	0.0 0.0 0.63	0.0 0.13 0.63	0.0 0.25 0.63	0.0 0.38 0.63	0.0 0.5 0.63	0.0 0.63 0.63	0.0 0.75 0.63	0.0 0.88 0.63	0.0 1.0 0.63	0.13 0.0 0.63	0.13 0.13 0.63	0.13 0.25 0.63	0.13 0.38 0.63	0.13 0.5 0.63	0.13 0.63 0.63	0.13 0.75 0.63	0.13 0.88 0.63	0.13 1.0 0.63
07	0.0 0.0 0.75	0.0 0.13 0.75	0.0 0.25 0.75	0.0 0.38 0.75	0.0 0.5 0.75	0.0 0.63 0.75	0.0 0.75 0.75	0.0 0.88 0.75	0.0 1.0 0.75	0.13 0.0 0.75	0.13 0.13 0.75	0.13 0.25 0.75	0.13 0.38 0.75	0.13 0.5 0.75	0.13 0.63 0.75	0.13 0.75 0.75	0.13 0.88 0.75	0.13 1.0 0.75
08	0.0 0.0 0.88	0.0 0.13 0.88	0.0 0.25 0.88	0.0 0.38 0.88	0.0 0.5 0.88	0.0 0.63 0.88	0.0 0.75 0.88	0.0 0.88 0.88	0.0 1.0 0.88	0.13 0.0 0.88	0.13 0.13 0.88	0.13 0.25 0.88	0.13 0.38 0.88	0.13 0.5 0.88	0.13 0.63 0.88	0.13 0.75 0.88	0.13 0.88 0.88	0.13 1.0 0.88
09	0.0 0.0 1.0	0.0 0.13 1.0	0.0 0.25 1.0	0.0 0.38 1.0	0.0 0.5 1.0	0.0 0.63 1.0	0.0 0.75 1.0	0.0 0.88 1.0	0.0 1.0 1.0	0.13 0.0 1.0	0.13 0.13 1.0	0.13 0.25 1.0	0.13 0.38 1.0	0.13 0.5 1.0	0.13 0.63 1.0	0.13 0.75 1.0	0.13 0.88 1.0	0.13 1.0 1.0
10	0.38 0.0 0.0	0.38 0.13 0.0	0.38 0.25 0.0	0.38 0.38 0.0	0.38 0.5 0.0	0.38 0.63 0.0	0.38 0.75 0.0	0.38 0.88 0.0	0.38 1.0 0.0	0.5 0.0 0.0	0.5 0.13 0.0	0.5 0.25 0.0	0.5 0.38 0.0	0.5 0.5 0.0	0.5 0.63 0.0	0.5 0.75 0.0	0.5 0.88 0.0	0.5 1.0 0.0
11	0.38 0.0 0.13	0.38 0.13 0.13	0.38 0.25 0.13	0.38 0.38 0.13	0.38 0.5 0.13	0.38 0.63 0.13	0.38 0.75 0.13	0.38 0.88 0.13	0.38 1.0 0.13	0.5 0.0 0.13	0.5 0.13 0.13	0.5 0.25 0.13	0.5 0.38 0.13	0.5 0.5 0.13	0.5 0.63 0.13	0.5 0.75 0.13	0.5 0.88 0.13	0.5 1.0 0.13
12	0.38 0.0 0.25	0.38 0.13 0.25	0.38 0.25 0.25	0.38 0.38 0.25	0.38 0.5 0.25	0.38 0.63 0.25	0.38 0.75 0.25	0.38 0.88 0.25	0.38 1.0 0.25	0.5 0.0 0.25	0.5 0.13 0.25	0.5 0.25 0.25	0.5 0.38 0.25	0.5 0.5 0.25	0.5 0.63 0.25	0.5 0.75 0.25	0.5 0.88 0.25	0.5 1.0 0.25
13	0.38 0.0 0.38	0.38 0.13 0.38	0.38 0.25 0.38	0.38 0.38 0.38	0.38 0.5 0.38	0.38 0.63 0.38	0.38 0.75 0.38	0.38 0.88 0.38	0.38 1.0 0.38	0.5 0.0 0.38	0.5 0.13 0.38	0.5 0.25 0.38	0.5 0.38 0.38	0.5 0.5 0.38	0.5 0.63 0.38	0.5 0.75 0.38	0.5 0.88 0.38	0.5 1.0 0.38
14	0.38 0.0 0.5	0.38 0.13 0.5	0.38 0.25 0.5	0.38 0.38 0.5	0.38 0.5 0.5	0.38 0.63 0.5	0.38 0.75 0.5	0.38 0.88 0.5	0.38 1.0 0.5	0.5 0.0 0.5	0.5 0.13 0.5	0.5 0.25 0.5	0.5 0.38 0.5	0.5 0.5 0.5	0.5 0.63 0.5	0.5 0.75 0.5	0.5 0.88 0.5	0.5 1.0 0.5
15	0.38 0.0 0.63	0.38 0.13 0.63	0.38 0.25 0.63	0.38 0.38 0.63	0.38 0.5 0.63	0.38 0.63 0.63	0.38 0.75 0.63	0.38 0.88 0.63	0.38 1.0 0.63	0.5 0.0 0.63	0.5 0.13 0.63	0.5 0.25 0.63	0.5 0.38 0.63	0.5 0.5 0.63	0.5 0.63 0.63	0.5 0.75 0.63	0.5 0.88 0.63	0.5 1.0 0.63
16	0.38 0.0 0.75	0.38 0.13 0.75	0.38 0.25 0.75	0.38 0.38 0.75	0.38 0.5 0.75	0.38 0.63 0.75	0.38 0.75 0.75	0.38 0.88 0.75	0.38 1.0 0.75	0.5 0.0 0.75	0.5 0.13 0.75	0.5 0.25 0.75	0.5 0.38 0.75	0.5 0.5 0.75	0.5 0.63 0.75	0.5 0.75 0.75	0.5 0.88 0.75	0.5 1.0 0.75
17	0.38 0.0 0.88	0.38 0.13 0.88	0.38 0.25 0.88	0.38 0.38 0.88	0.38 0.5 0.88	0.38 0.63 0.88	0.38 0.75 0.88	0.38 0.88 0.88	0.38 1.0 0.88	0.5 0.0 0.88	0.5 0.13 0.88	0.5 0.25 0.88	0.5 0.38 0.88	0.5 0.5 0.88	0.5 0.63 0.88	0.5 0.75 0.88	0.5 0.88 0.88	0.5 1.0 0.88
18	0.38 0.0 1.0	0.38 0.13 1.0	0.38 0.25 1.0	0.38 0.38 1.0	0.38 0.5 1.0	0.38 0.63 1.0	0.38 0.75 1.0	0.38 0.88 1.0	0.38 1.0 1.0	0.5 0.0 1.0	0.5 0.13 1.0	0.5 0.25 1.0	0.5 0.38 1.0	0.5 0.5 1.0	0.5 0.63 1.0	0.5 0.75 1.0	0.5 0.88 1.0	0.5 1.0 1.0
19	0.75 0.0 0.0	0.75 0.13 0.0	0.75 0.25 0.0	0.75 0.38 0.0	0.75 0.5 0.0	0.75 0.63 0.0	0.75 0.75 0.0	0.75 0.88 0.0	0.75 1.0 0.0	0.88 0.0 0.0	0.88 0.13 0.0	0.88 0.25 0.0	0.88 0.38 0.0	0.88 0.5 0.0	0.88 0.63 0.0	0.88 0.75 0.0	0.88 0.88 0.0	0.88 1.0 0.0
20	0.75 0.0 0.13	0.75 0.13 0.13	0.75 0.25 0.13	0.75 0.38 0.13	0.75 0.5 0.13	0.75 0.63 0.13	0.75 0.75 0.13	0.75 0.88 0.13	0.75 1.0 0.13	0.88 0.0 0.13	0.88 0.13 0.13	0.88 0.25 0.13	0.88 0.38 0.13	0.88 0.5 0.13	0.88 0.63 0.13	0.88 0.75 0.13	0.88 0.88 0.13	0.88 1.0 0.13
21	0.75 0.0 0.25	0.75 0.13 0.25	0.75 0.25 0.25	0.75 0.38 0.25	0.75 0.5 0.25	0.75 0.63 0.25	0.75 0.75 0.25	0.75 0.88 0.25	0.75 1.0 0.25	0.88 0.0 0.25	0.88 0.13 0.25	0.88 0.25 0.25	0.88 0.38 0.25	0.88 0.5 0.25	0.88 0.63 0.25	0.88 0.75 0.25	0.88 0.88 0.25	0.88 1.0 0.25
22	0.75 0.0 0.38	0.75 0.13 0.38	0.75 0.25 0.38	0.75 0.38 0.38	0.75 0.5 0.38	0.75 0.63 0.38	0.75 0.75 0.38	0.75 0.88 0.38	0.75 1.0 0.38	0.88 0.0 0.38	0.88 0.13 0.38	0.88 0.25 0.38	0.88 0.38 0.38	0.88 0.5 0.38	0.88 0.63 0.38	0.88 0.75 0.38	0.88 0.88 0.38	0.88 1.0 0.38
23	0.75 0.0 0.5	0.75 0.13 0.5	0.75 0.25 0.5	0.75 0.38 0.5	0.75 0.5 0.5	0.75 0.63 0.5	0.75 0.75 0.5	0.75 0.88 0.5	0.75 1.0 0.5	0.88 0.0 0.5	0.88 0.13 0.5	0.88 0.25 0.5	0.88 0.38 0.5	0.88 0.5 0.5	0.88 0.63 0.5	0.88 0.75 0.5	0.88 0.88 0.5	0.88 1.0 0.5
24	0.75 0.0 0.63	0.75 0.13 0.63	0.75 0.25 0.63	0.75 0.38 0.63	0.75 0.5 0.63	0.75 0.63 0.63	0.75 0.75 0.63	0.75 0.88 0.63	0.75 1.0 0.63	0.88 0.0 0.63	0.88 0.13 0.63	0.88 0.25 0.63	0.88 0.38 0.63	0.88 0.5 0.63	0.88 0.63 0.63	0.88 0.75 0.63	0.88 0.88 0.63	0.88 1.0 0.63
25	0.75 0.0 0.75	0.75 0.13 0.75	0.75 0.25 0.75	0.75 0.38 0.75	0.75 0.5 0.75	0.75 0.63 0.75	0.75 0.75 0.75	0.75 0.88 0.75	0.75 1.0 0.75	0.88 0.0 0.75	0.88 0.13 0.75	0.88 0.25 0.75	0.88 0.38 0.75	0.88 0.5 0.75	0.88 0.63 0.75	0.88 0.75 0.75	0.88 0.88 0.75	0.88 1.0 0.75
26	0.75 0.0 0.88	0.75 0.13 0.88	0.75 0.25 0.88	0.75 0.38 0.88	0.75 0.5 0.88	0.75 0.63 0.88	0.75 0.75 0.88	0.75 0.88 0.88	0.75 1.0 0.88	0.88 0.0 0.88	0.88 0.13 0.88	0.88 0.25 0.88	0.88 0.38 0.88	0.88 0.5 0.88	0.88 0.63 0.88	0.88 0.75 0.88	0.88 0.88 0.88	0.88 1.0 0.88
27	0.75 0.0 1.0	0.75 0.13 1.0	0.75 0.25 1.0	0.75 0.38 1.0	0.75 0.5 1.0	0.75 0.63 1.0	0.75 0.75 1.0	0.75 0.88 1.0	0.75 1.0 1.0	0.88 0.0 1.0	0.88 0.13 1.0	0.88 0.25 1.0	0.88 0.38 1.0	0.88 0.5 1.0	0.88 0.63 1.0	0.88 0.75 1.0	0.88 0.88 1.0	0.88 1.0 1.0

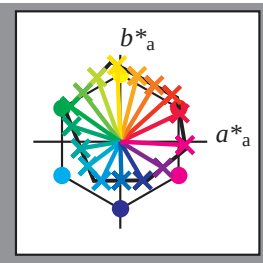
	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j
01	0.25 0.0 0.0	0.25 0.13 0.0	0.25 0.25 0.0	0.25 0.38 0.0	0.25 0.5 0.0	0.25 0.63 0.0	0.25 0.75 0.0	0.25 0.88 0.0	0.25 1.0 0.0	1.0 1.0 1.0	1.0 0.88 0.88	1.0 0.75 0.75	1.0 0.63 0.63	1.0 0.5 0.5	1.0 0.38 0.38	1.0 0.25 0.25	1.0 0.13 0.13	1.0 0.0 0.0
02	0.25 0.0 0.13	0.25 0.13 0.13	0.25 0.25 0.13	0.25 0.38 0.13	0.25 0.5 0.13	0.25 0.63 0.13	0.25 0.75 0.13	0.25 0.88 0.13	0.25 1.0 0.13	0.88 1.0 1.0	0.88 0.88 0.88	0.88 0.75 0.75	0.88 0.63 0.63	0.88 0.5 0.5	0.88 0.38 0.38	0.88 0.25 0.25	0.88 0.13 0.13	0.88 0.0 0.0
03	0.25 0.0 0.25	0.25 0.13 0.25	0.25 0.25 0.25	0.25 0.38 0.25	0.25 0.5 0.25	0.25 0.63 0.25	0.25 0.75 0.25	0.25 0.88 0.25	0.25 1.0 0.25	0.75 1.0 1.0	0.75 0.88 0.88	0.75 0.75 0.75	0.75 0.63 0.63	0.75 0.5 0.5	0.75 0.38 0.38	0.75 0.25 0.25	0.75 0.13 0.13	0.75 0.0 0.0
04	0.25 0.0 0.38	0.25 0.13 0.38	0.25 0.25 0.38	0.25 0.38 0.38	0.25 0.5 0.38	0.25 0.63 0.38	0.25 0.75 0.38	0.25 0.88 0.38	0.25 1.0 0.38	0.63 1.0 1.0	0.63 0.88 0.88	0.63 0.75 0.75	0.63 0.63 0.63	0.63 0.5 0.5	0.63 0.38 0.38	0.63 0.25 0.25	0.63 0.13 0.13	0.63 0.0 0.0
05	0.25 0.0 0.5	0.25 0.13 0.5	0.25 0.25 0.5	0.25 0.38 0.5	0.25 0.5 0.5	0.25 0.63 0.5	0.25 0.75 0.5	0.25 0.88 0.5	0.25 1.0 0.5	0.5 1.0 1.0	0.5 0.88 0.88	0.5 0.75 0.75	0.5 0.63 0.63	0.5 0.5 0.5	0.5 0.38 0.38	0.5 0.25 0.25	0.5 0.13 0.13	0.5 0.0 0.0
06	0.25 0.0 0.63	0.25 0.13 0.63	0.25 0.25 0.63	0.25 0.38 0.63	0.25 0.5 0.63	0.25 0.63 0.63	0.25 0.75 0.63	0.25 0.88 0.63	0.25 1.0 0.63	0.38 1.0 1.0	0.38 0.88 0.88	0.38 0.75 0.75	0.38 0.63 0.63	0.38 0.5 0.5	0.38 0.38 0.38	0.38 0.25 0.25	0.38 0.13 0.13	0.38 0.0 0.0
07	0.25 0.0 0.75	0.25 0.13 0.75	0.25 0.25 0.75	0.25 0.38 0.75	0.25 0.5 0.75	0.25 0.63 0.75	0.25 0.75 0.75	0.25 0.88 0.75	0.25 1.0 0.75	0.25 1.0 1.0	0.25 0.88 0.88	0.25 0.75 0.75	0.25 0.63 0.63	0.25 0.5 0.5	0.25 0.38 0.38	0.25 0.25 0.25	0.25 0.13 0.13	0.25 0.0 0.0
08	0.25 0.0 0.88	0.25 0.13 0.88	0.25 0.25 0.88	0.25 0.38 0.88	0.25 0.5 0.88	0.25 0.63 0.88	0.25 0.75 0.88	0.25 0.88 0.88	0.25 1.0 0.88	0.13 1.0 1.0	0.13 0.88 0.88	0.13 0.75 0.75	0.13 0.63 0.63	0.13 0.5 0.5	0.13 0.38 0.38	0.13 0.25 0.25	0.13 0.13 0.13	0.13 0.0 0.0
09	0.25 0.0 1.0	0.25 0.13 1.0	0.25 0.25 1.0	0.25 0.38 1.0	0.25 0.5 1.0	0.25 0.63 1.0	0.25 0.75 1.0	0.25 0.88 1.0	0.25 1.0 1.0	0.0 1.0 1.0	0.0 0.88 0.88	0.0 0.75 0.75	0.0 0.63 0.63	0.0 0.5 0.5	0.0 0.38 0.38	0.0 0.25 0.25	0.0 0.13 0.13	0.0 0.0 0.0
10	0.63 0.0 0.0	0.63 0.13 0.0	0.63 0.25 0.0	0.63 0.38 0.0	0.63 0.5 0.0	0.63 0.63 0.0	0.63 0.75 0.0	0.63 0.88 0.0	0.63 1.0 0.0	1.0 1.0 1.0	1.0 1.0 0.88	1.0 1.0 0.75	1.0 1.0 0.63	1.0 1.0 0.5	1.0 1.0 0.38	1.0 1.0 0.25	1.0 1.0 0.13	1.0 1.0 0.0
11	0.63 0.0 0.13	0.63 0.13 0.13	0.63 0.25 0.13	0.63 0.38 0.13	0.63 0.5 0.13	0.63 0.63 0.13	0.63 0.75 0.13	0.63 0.88 0.13	0.63 1.0 0.13	0.88 0.88 1.0	0.88 0.88 0.88	0.88 0.88 0.75	0.88 0.88 0.63	0.88 0.88 0.5	0.88 0.88 0.38	0.88 0.88 0.25	0.88 0.88 0.13	0.88 0.88 0.0
12	0.63 0.0 0.25	0.63 0.13 0.25	0.63 0.25 0.25	0.63 0.38 0.25	0.63 0.5 0.25	0.63 0.63 0.25	0.63 0.75 0.25	0.63 0.88 0.25	0.63 1.0 0.25	0.75 0.75 1.0	0.75 0.75 0.88	0.75 0.75 0.75	0.75 0.75 0.63	0.75 0.75 0.5	0.75 0.75 0.38	0.75 0.75 0.25	0.75 0.75 0.13	0.75 0.75 0.0
13	0.63 0.0 0.38	0.63 0.13 0.38	0.63 0.25 0.38	0.63 0.38 0.38	0.63 0.5 0.38	0.63 0.63 0.38	0.63 0.75 0.38	0.63 0.88 0.38	0.63 1.0 0.38	0.63 0.63 1.0	0.63 0.63 0.88	0.63 0.63 0.75	0.63 0.63 0.63	0.63 0.63 0.5	0.63 0.63 0.38	0.63 0.63 0.25	0.63 0.63 0.13	0.63 0.63 0.0
14	0.63 0.0 0.5	0.63 0.13 0.5	0.63 0.25 0.5	0.63 0.38 0.5	0.63 0.5 0.5	0.63 0.63 0.5	0.63 0.75 0.5	0.63 0.88 0.5	0.63 1.0 0.5	0.5 0.5 1.0	0.5 0.5 0.88	0.5 0.5 0.75	0.5 0.5 0.63	0.5 0.5 0.5	0.5 0.5 0.38	0.5 0.5 0.25	0.5 0.5 0.13	0.5 0.5 0.0
15	0.63 0.0 0.63	0.63 0.13 0.63	0.63 0.25 0.63	0.63 0.38 0.63	0.63 0.5 0.63	0.63 0.63 0.63	0.63 0.75 0.63	0.63 0.88 0.63	0.63 1.0 0.63	0.38 0.38 1.0	0.38 0.38 0.88	0.38 0.38 0.75	0.38 0.38 0.63	0.38 0.38 0.5	0.38 0.38 0.38	0.38 0.38 0.25	0.38 0.38 0.13	0.38 0.38 0.0
16	0.63 0.0 0.75	0.63 0.13 0.75	0.63 0.25 0.75	0.63 0.38 0.75	0.63 0.5 0.75	0.63 0.63 0.75	0.63 0.75 0.75	0.63 0.88 0.75	0.63 1.0 0.75	0.25 0.25 1.0	0.25 0.25 0.88	0.25 0.25 0.75	0.25 0.25 0.63	0.25 0.25 0.5	0.25 0.25 0.38	0.25 0.25 0.25	0.25 0.25 0.13	0.25 0.25 0.0
17	0.63 0.0 0.88	0.63 0.13 0.88	0.63 0.25 0.88	0.63 0.38 0.88	0.63 0.5 0.88	0.63 0.63 0.88	0.63 0.75 0.88	0.63 0.88 0.88	0.63 1.0 0.88	0.13 0.13 1.0	0.13 0.13 0.88	0.13 0.13 0.75	0.13 0.13 0.63	0.13 0.13 0.5	0.13 0.13 0.38	0.13 0.13 0.25	0.13 0.13 0.13	0.13 0.13 0.0
18	0.63 0.0 1.0	0.63 0.13 1.0	0.63 0.25 1.0	0.63 0.38 1.0	0.63 0.5 1.0	0.63 0.63 1.0	0.63 0.75 1.0	0.63 0.88 1.0	0.63 1.0 1.0	0.0 0.0 1.0	0.0 0.0 0.88	0.0 0.0 0.75	0.0 0.0 0.63	0.0 0.0 0.5	0.0 0.0 0.38	0.0 0.0 0.25	0.0 0.0 0.13	0.0 0.0 0.0
19	1.0 0.0 0.0	1.0 0.13 0.0	1.0 0.25 0.0	1.0 0.38 0.0	1.0 0.5 0.0	1.0 0.63 0.0	1.0 0.75 0.0	1.0 0.88 0.0	1.0 1.0 0.0	1.0 1.0 1.0	0.88 1.0 0.88	0.75 1.0 0.75	0.63 1.0 0.63	0.5 1.0 0.5	0.38 1.0 0.38	0.25 1.0 0.25	0.13 1.0 0.13	0.0 1.0 0.0
20	1.0 0.0 0.13	1.0 0.13 0.13	1.0 0.25 0.13	1.0 0.38 0.13	1.0 0.5 0.13	1.0 0.63 0.13	1.0 0.75 0.13	1.0 0.88 0.13	1.0 1.0 0.13	1.0 0.88 1.0	0.88 0.88 0.88	0.75 0.88 0.75	0.63 0.88 0.63	0.5 0.88 0.5	0.38 0.88 0.38	0.25 0.88 0.25	0.13 0.88 0.13	0.0 0.88 0.0
21	1.0 0.0 0.25	1.0 0.13 0.25	1.0 0.25 0.25	1.0 0.38 0.25	1.0 0.5 0.25	1.0 0.63 0.25	1.0 0.75 0.25	1.0 0.88 0.25	1.0 1.0 0.25	1.0 0.75 1.0	0.88 0.75 0.88	0.75 0.75 0.75	0.63 0.75 0.63	0.5 0.75 0.5	0.38 0.75 0.38	0.25 0.75 0.25	0.13 0.75 0.13	0.0 0.75 0.0
22	1.0 0.0 0.38	1.0 0.13 0.38	1.0 0.25 0.38	1.0 0.38 0.38	1.0 0.5 0.38	1.0 0.63 0.38	1.0 0.75 0.38	1.0 0.88 0.38	1.0 1.0 0.38	1.0 0.63 1.0	0.88 0.63 0.88	0.75 0.63 0.75	0.63 0.63 0.63	0.5 0.63 0.5	0.38 0.63 0.38	0.25 0.63 0.25	0.13 0.63 0.13	0.0 0.63 0.0
23	1.0 0.0 0.5	1.0 0.13 0.5	1.0 0.25 0.5	1.0 0.38 0.5	1.0 0.5 0.5	1.0 0.63 0.5	1.0 0.75 0.5	1.0 0.88 0.5	1.0 1.0 0.5	1.0 0.5 1.0	0.88 0.5 0.88	0.75 0.5 0.75	0.63 0.5 0.63	0.5 0.5 0.5	0.38 0.5 0.38	0.25 0.5 0.25	0.13 0.5 0.13	0.0 0.5 0.0
24	1.0 0.0 0.63	1.0 0.13 0.63	1.0 0.25 0.63	1.0 0.38 0.63	1.0 0.5 0.63	1.0 0.63 0.63	1.0 0.75 0.63	1.0 0.88 0.63	1.0 1.0 0.63	1.0 0.38 1.0	0.88 0.38 0.88	0.75 0.38 0.75	0.63 0.38 0.63	0.5 0.38 0.5	0.38 0.38 0.38	0.25 0.38 0.25	0.13 0.38 0.13	0.0 0.38 0.0
25	1.0 0.0 0.75	1.0 0.13 0.75	1.0 0.25 0.75	1.0 0.38 0.75	1.0 0.5 0.75	1.0 0.63 0.75	1.0 0.75 0.75	1.0 0.88 0.75	1.0 1.0 0.75	1.0 0.25 1.0	0.88 0.25 0.88	0.75 0.25 0.75	0.63 0.25 0.63	0.5 0.25 0.5	0.38 0.25 0.38	0.25 0.25 0.25	0.13 0.25 0.13	0.0 0.25 0.0
26	1.0 0.0 0.88	1.0 0.13 0.88	1.0 0.25 0.88	1.0 0.38 0.88	1.0 0.5 0.88	1.0 0.63 0.88	1.0 0.75 0.88	1.0 0.88 0.88	1.0 1.0 0.88	1.0 0.13 1.0	0.88 0.13 0.88	0.75 0.13 0.75	0.63 0.13 0.63	0.5 0.13 0.5	0.38 0.13 0.38	0.25 0.13 0.25	0.13 0.13 0.13	0.0 0.13 0.0
27	1.0 0.0 1.0	1.0 0.13 1.0	1.0 0.25 1.0	1.0 0.38 1.0	1.0 0.5 1.0	1.0 0.63 1.0	1.0 0.75 1.0	1.0 0.88 1.0	1.0 1.0 1.0	1.0 0.0 1.0	0.88 0.0 0.88	0.75 0.0 0.75	0.63 0.0 0.63	0.5 0.0 0.5	0.38 0.0 0.38	0.25 0.0 0.25	0.13 0.0 0.13	0.0 0.0 0.0

	k	lab*rgb*		
01	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
03	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25	0.25 0.25 0.25
04	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38	0.38 0.38 0.38
05	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5
06	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63	0.63 0.63 0.63
07	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75
08	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88	0.88 0.88 0.88
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
10	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
11	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07
12	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13	0.13 0.13 0.13
13	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2
14	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27
15	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33
16	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4
17	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47
18	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53
19	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6
20	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67
21	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73
22	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8
23	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87
24	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93
25	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0
26	0.0 0.0 0.0	1.0 0.0 0.0	1.0 1.0 0.0	0.0 1.0 0.0
27	1.0 1.0 1.0	0.0 1.0 1.0	0.0 0.0 1.0	1.0 0.0 1.0

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* **= 16 hues** ***r00j, r25j, ..., b75r***
contrast reduction factor:
$c_R = 1.0$

ORS18_95aM; adapted (a) CIELAB data

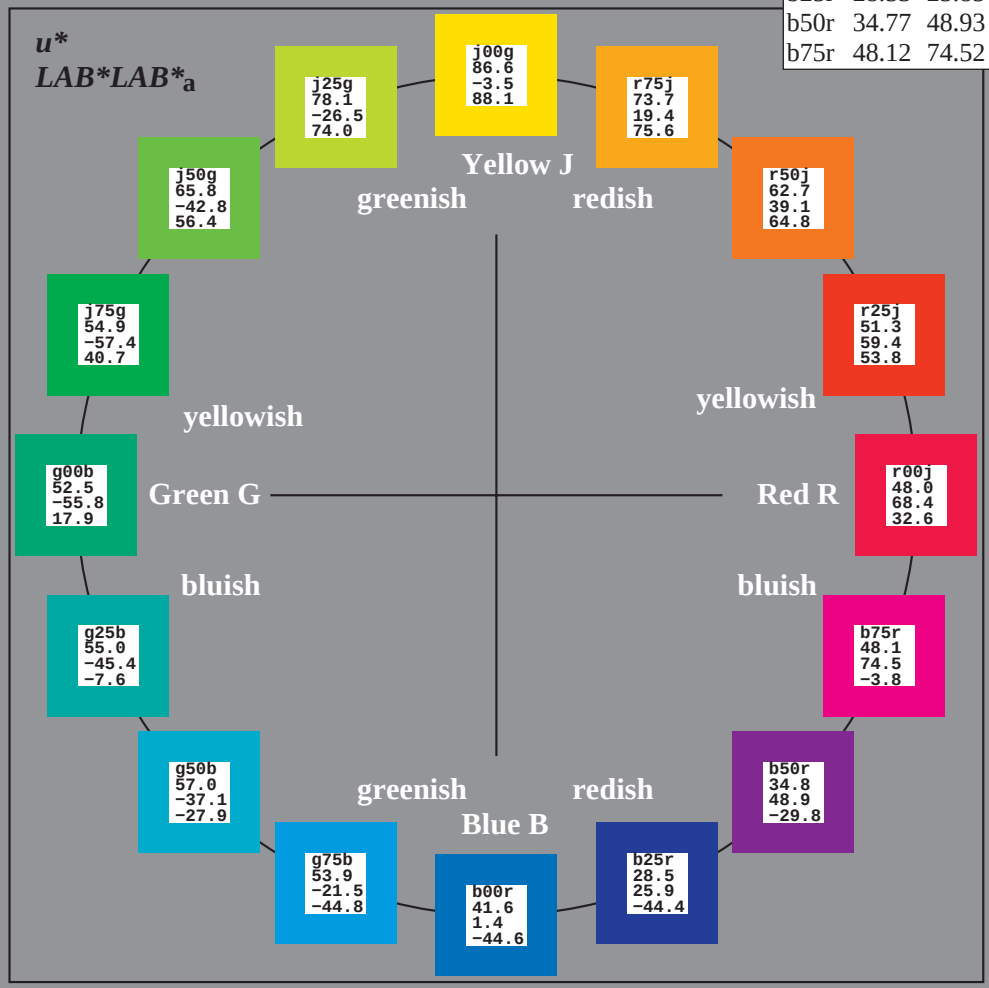
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

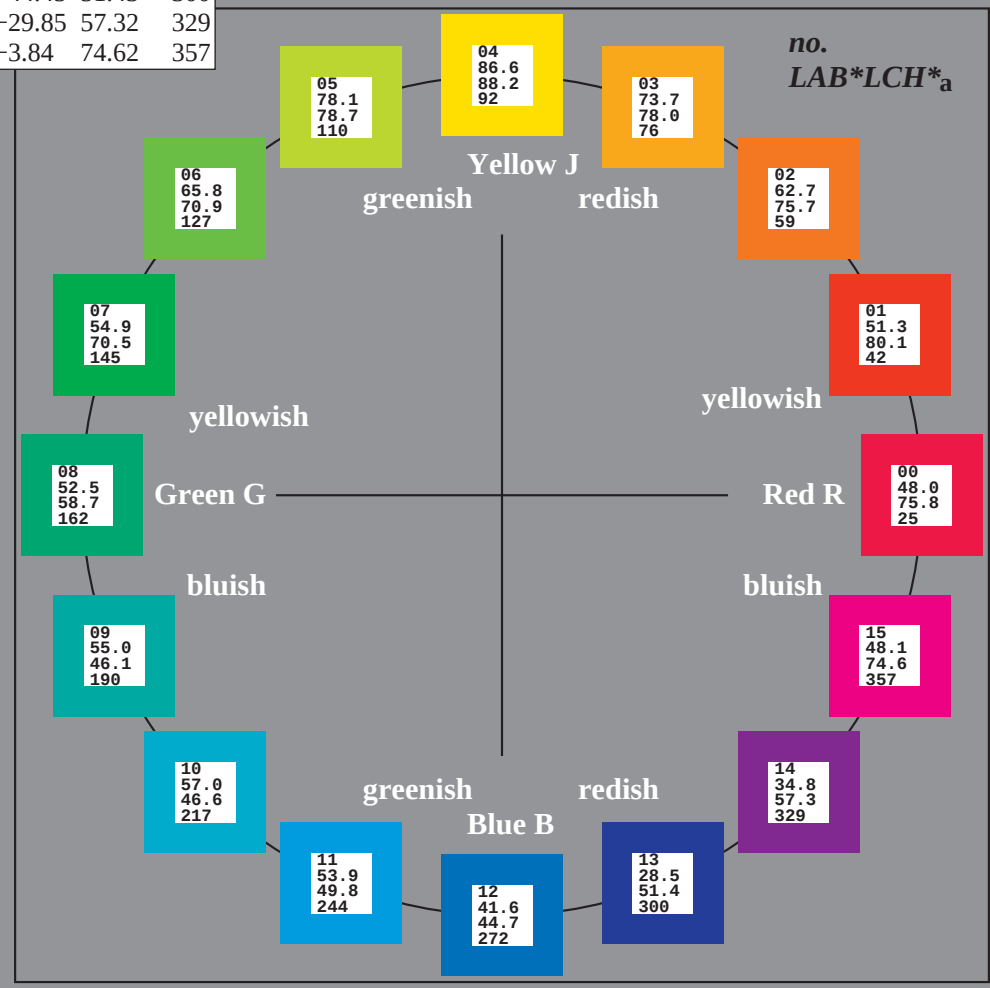


%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

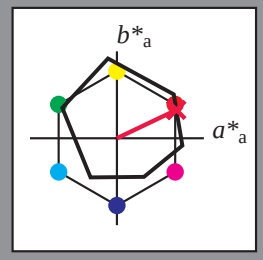




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r00j$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

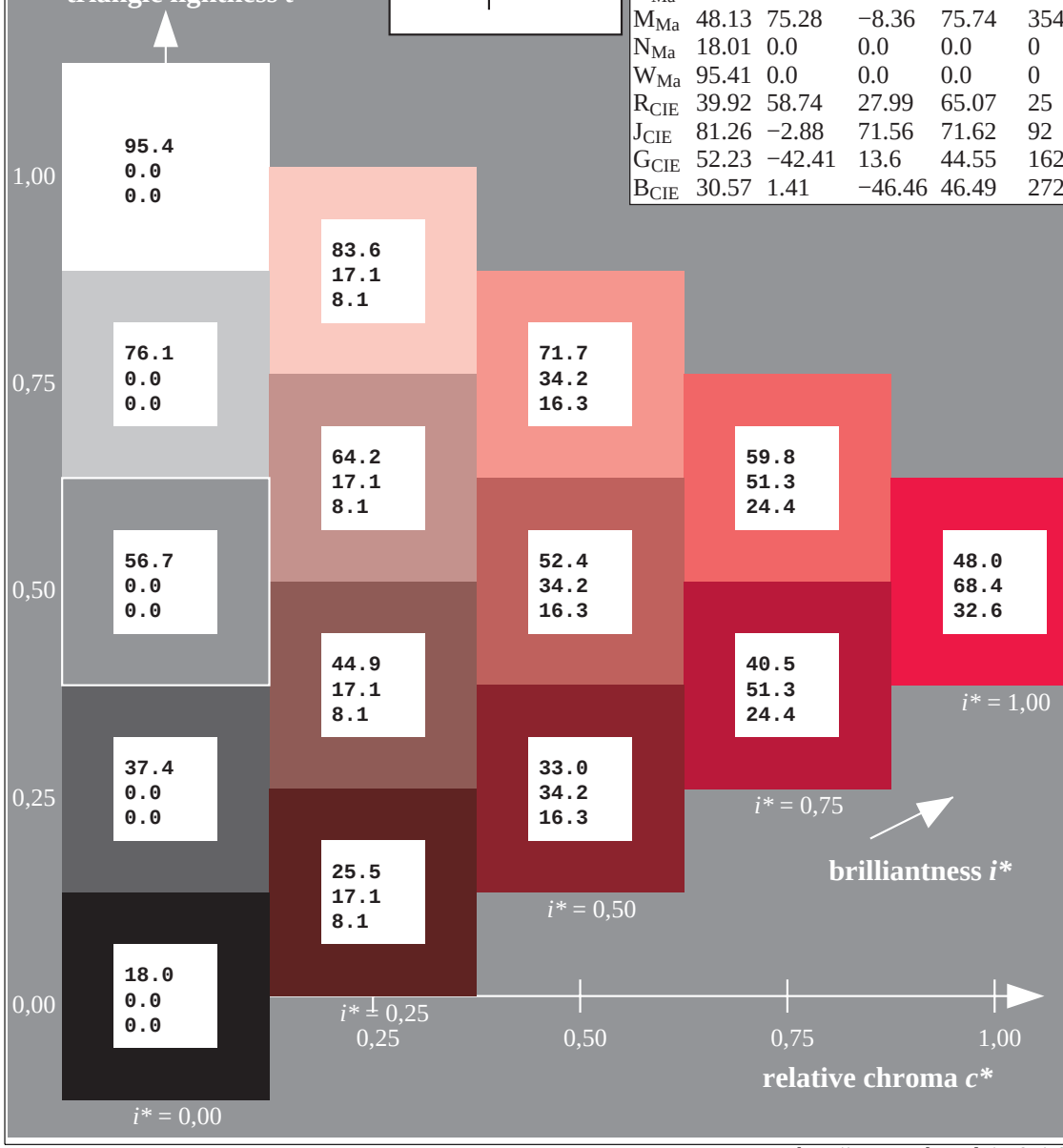
Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 48 68 33**
***$LAB^*LCH^*_{Ma}$*: 48 76 25**
***$lab^*rgb^*_{Ma}$*: 1.0 0.0 0.0**
***$lab^*olv^*_{Ma}$*: 1.0 0.0 0.3**

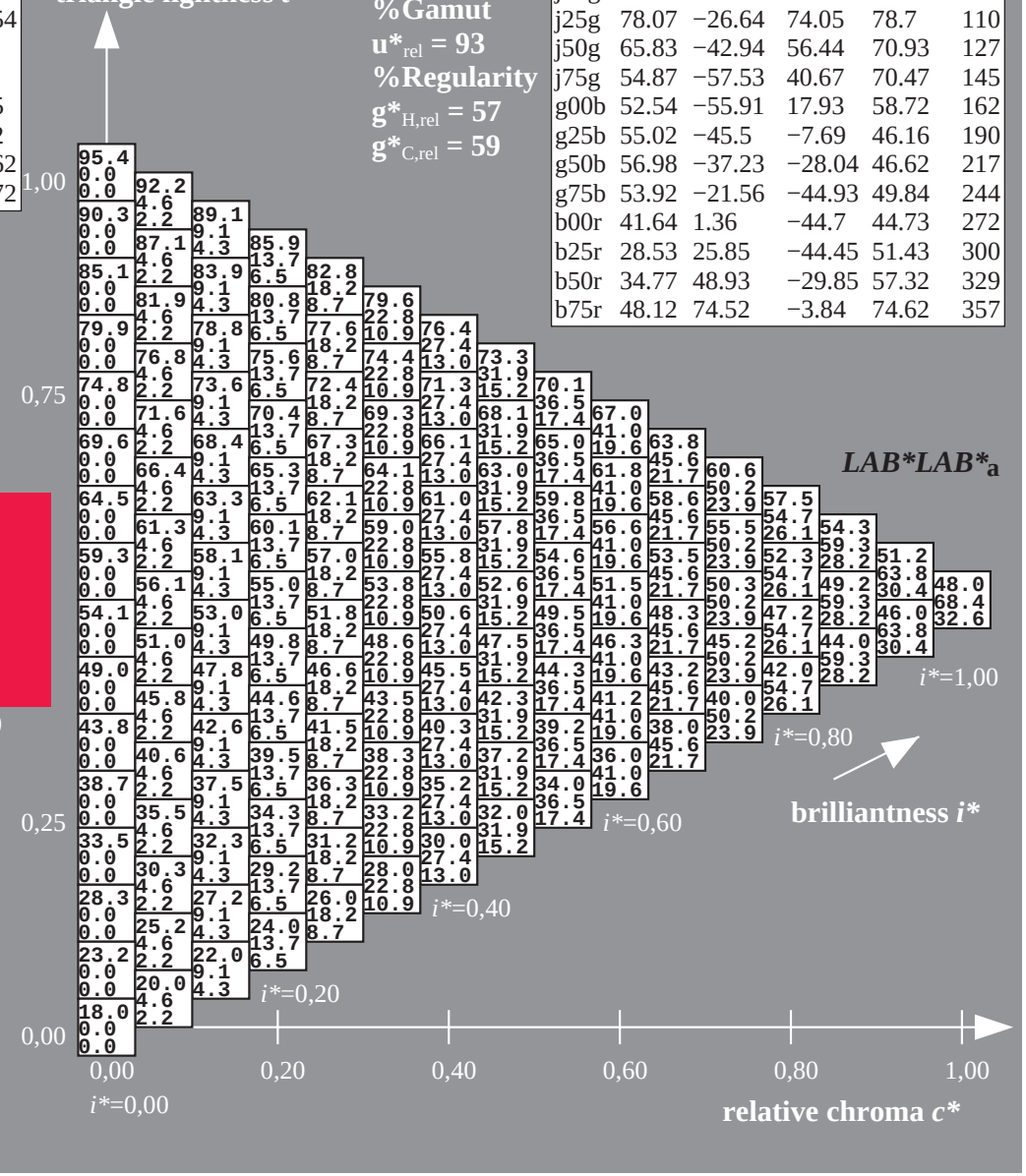
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

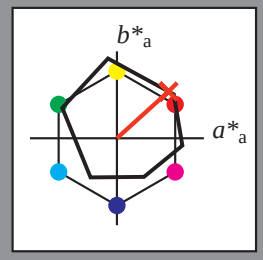




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

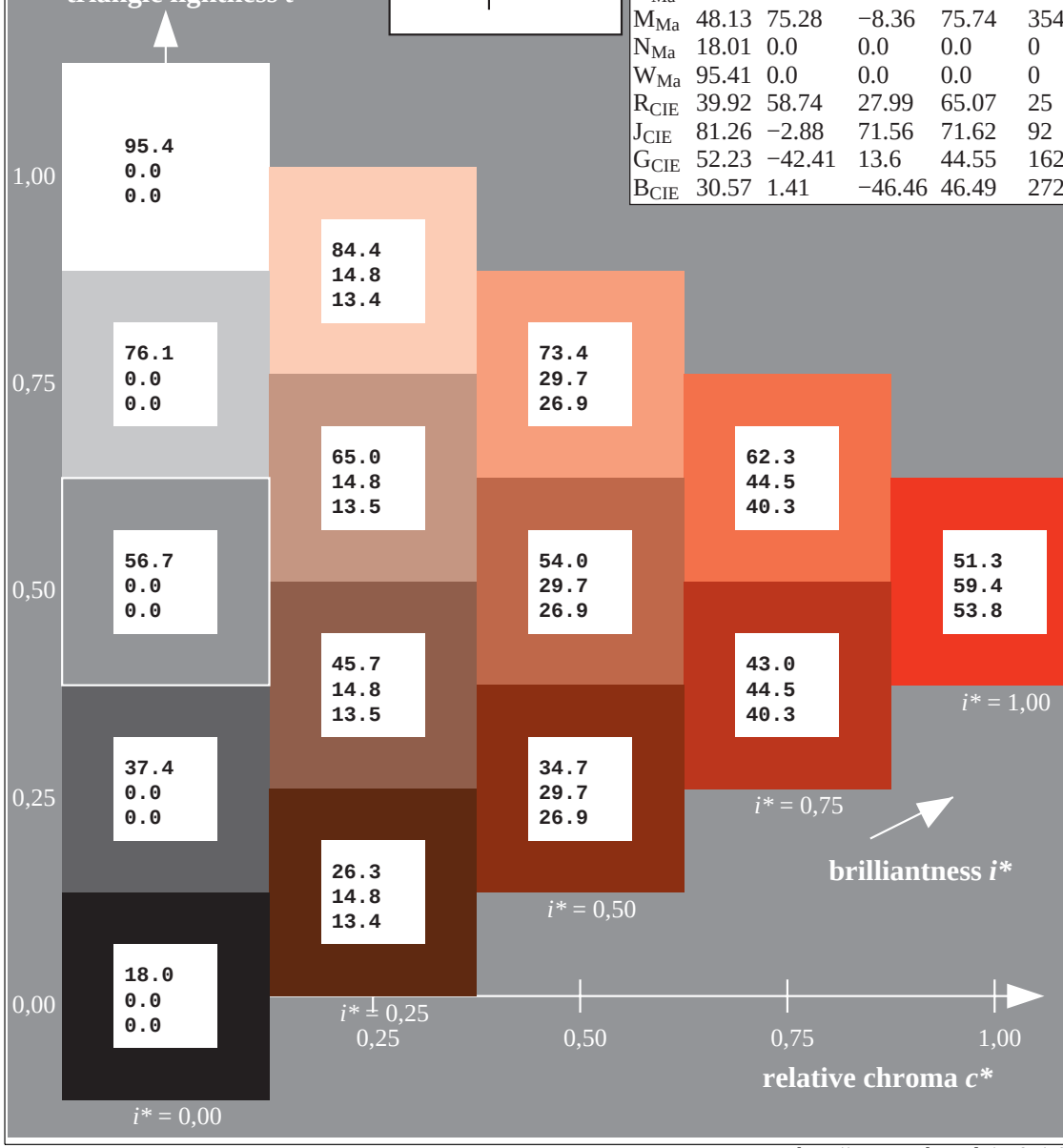
Data for maximum colour (Ma):

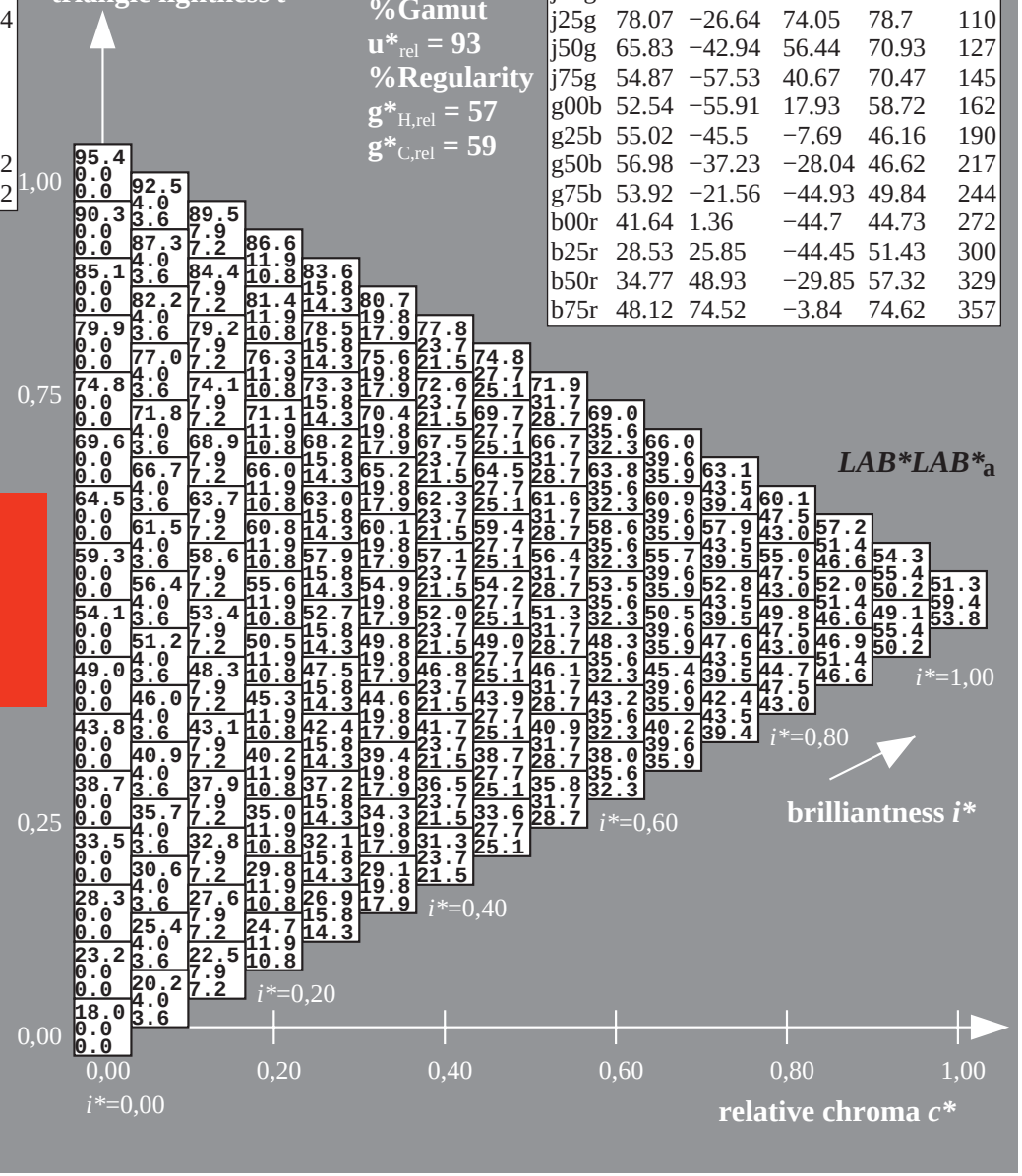
***$LAB^*LAB^*_{Ma}$*: 51 59 54**
***$LAB^*LCH^*_{Ma}$*: 51 80 42**
***$lab^*rgb^*_{Ma}$*: 1.0 0.25 0.0**
***$lab^*olv^*_{Ma}$*: 1.0 0.08 0.0**

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

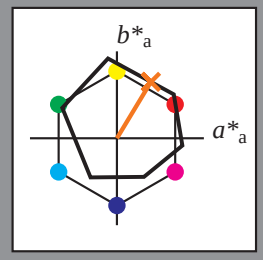




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

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

data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

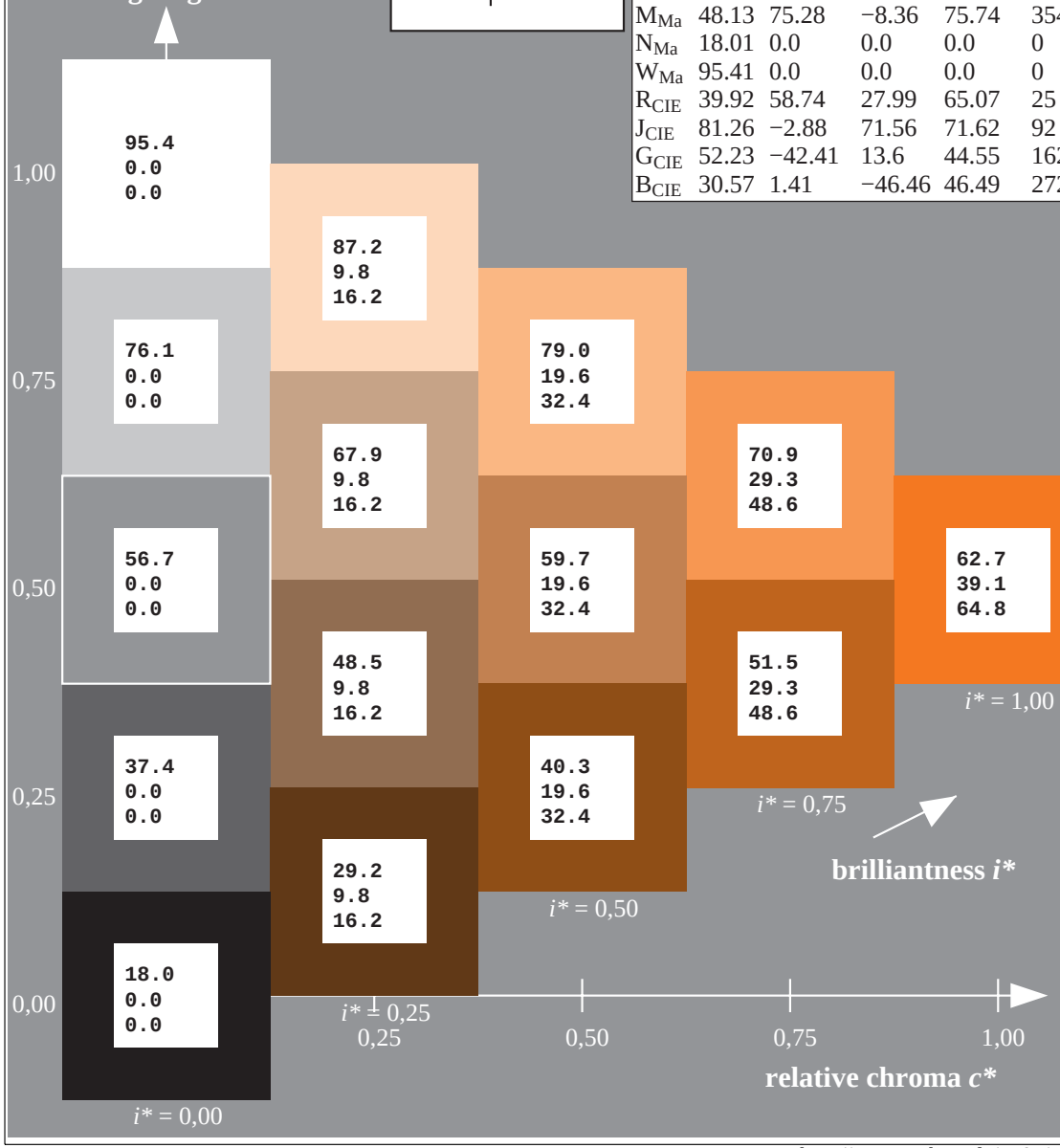
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 63 39 65
$LAB^*LCH^*_{Ma}$: 63 76 59
$lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
$lab^*olv^*_{Ma}$: 1.0 0.35 0.0

ORS18_95aM; adapted (a) CIELAB data

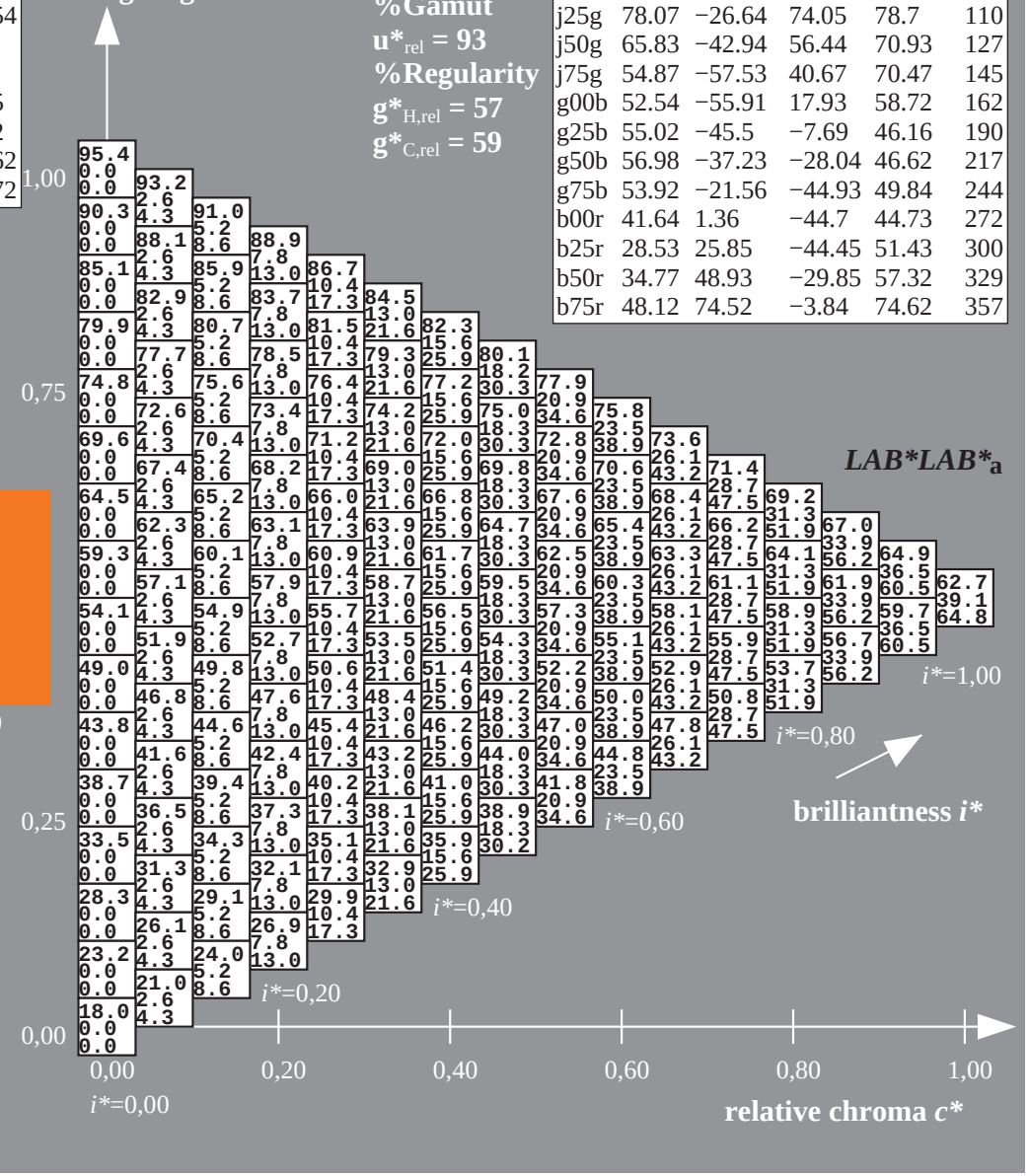
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

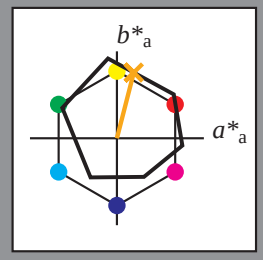
triangle lightness t^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data

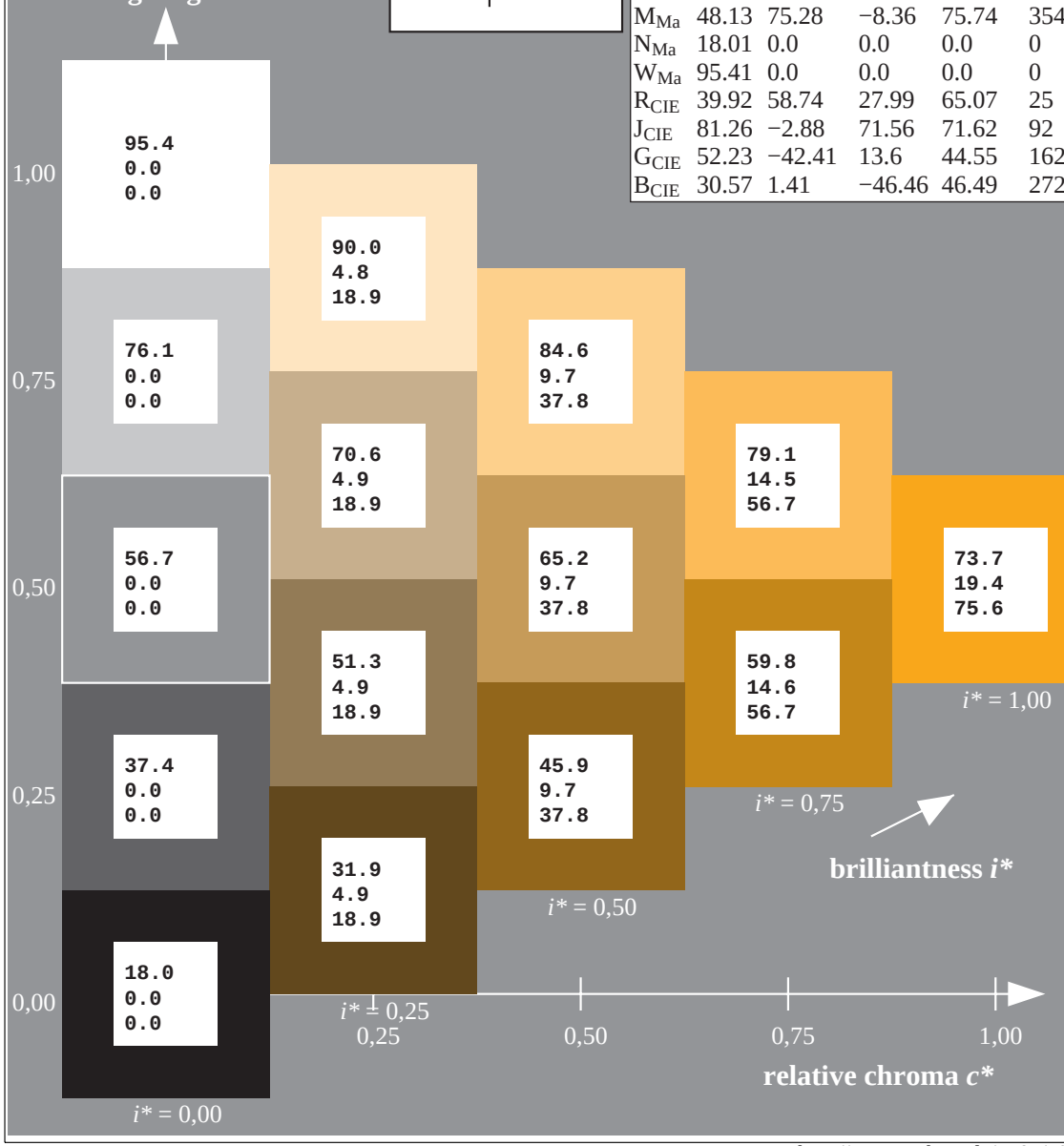
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

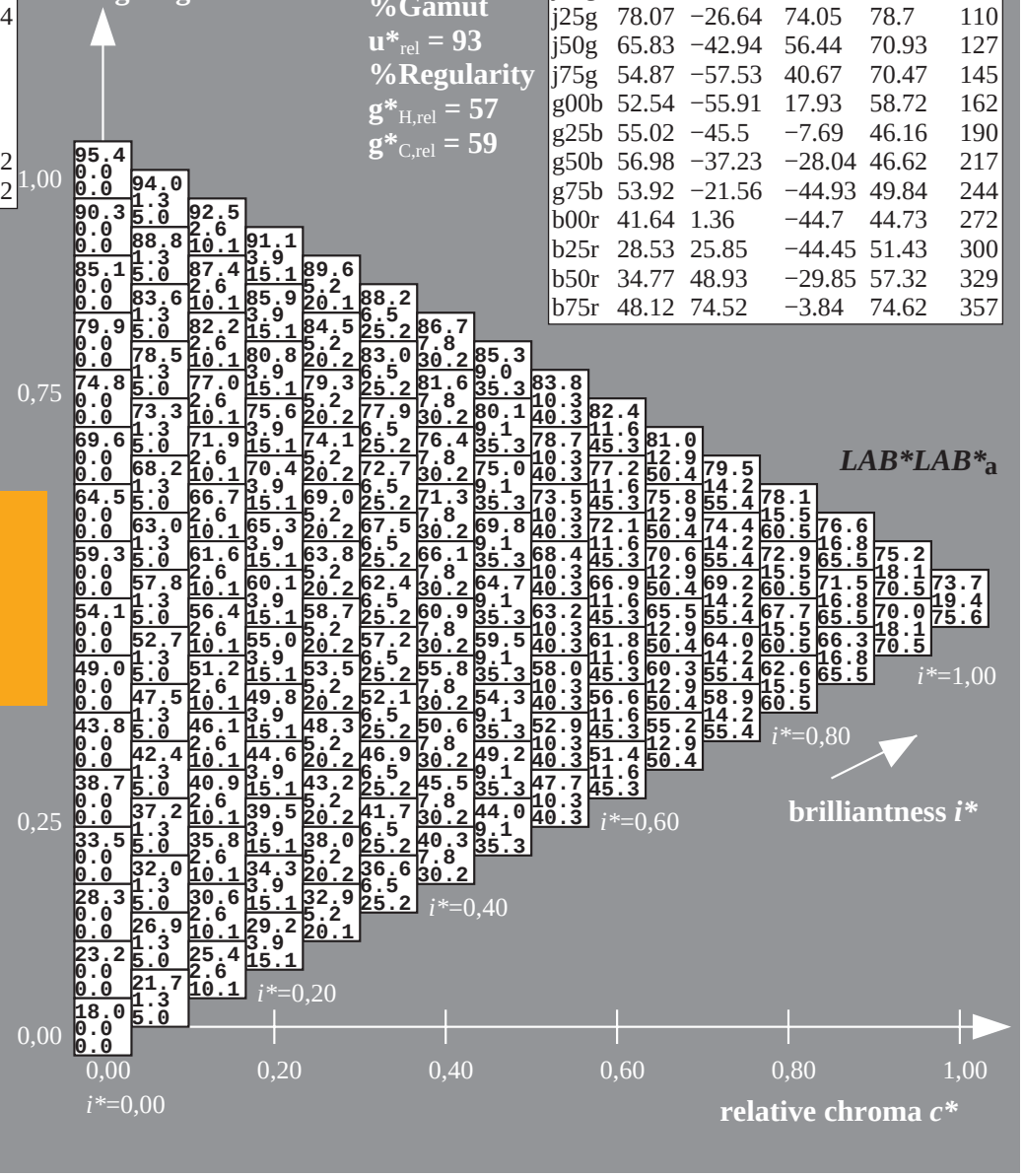
Data for maximum colour (Ma):
***$LAB^*LAB^*_{Ma}$*: 74 19 76**
***$LAB^*LCH^*_{Ma}$*: 74 78 76**
***$lab^*rgb^*_{Ma}$*: 1.0 0.75 0.0**
***$lab^*olv^*_{Ma}$*: 1.0 0.61 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

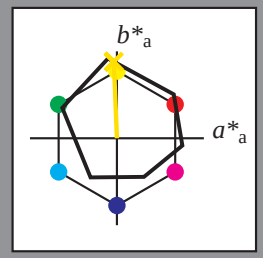




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = j00g$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

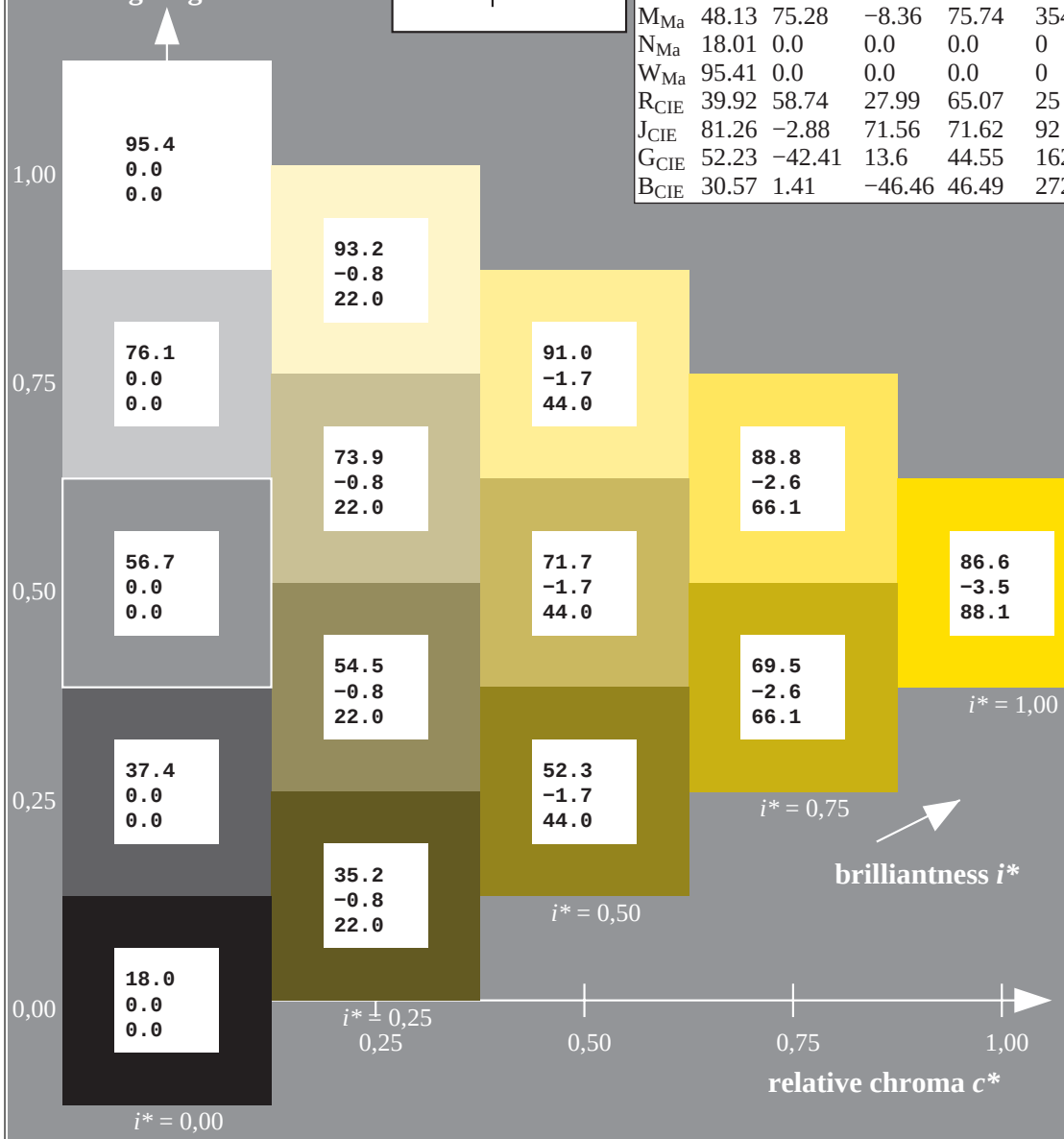
Data for maximum colour (Ma):

***$LAB^*LAB^*_{Ma}$*: 87 −3 88**
***$LAB^*LCH^*_{Ma}$*: 87 88 92**
***$lab^*rgb^*_{Ma}$*: 1.0 1.0 0.0**
***$lab^*olv^*_{Ma}$*: 1.0 0.91 0.0**

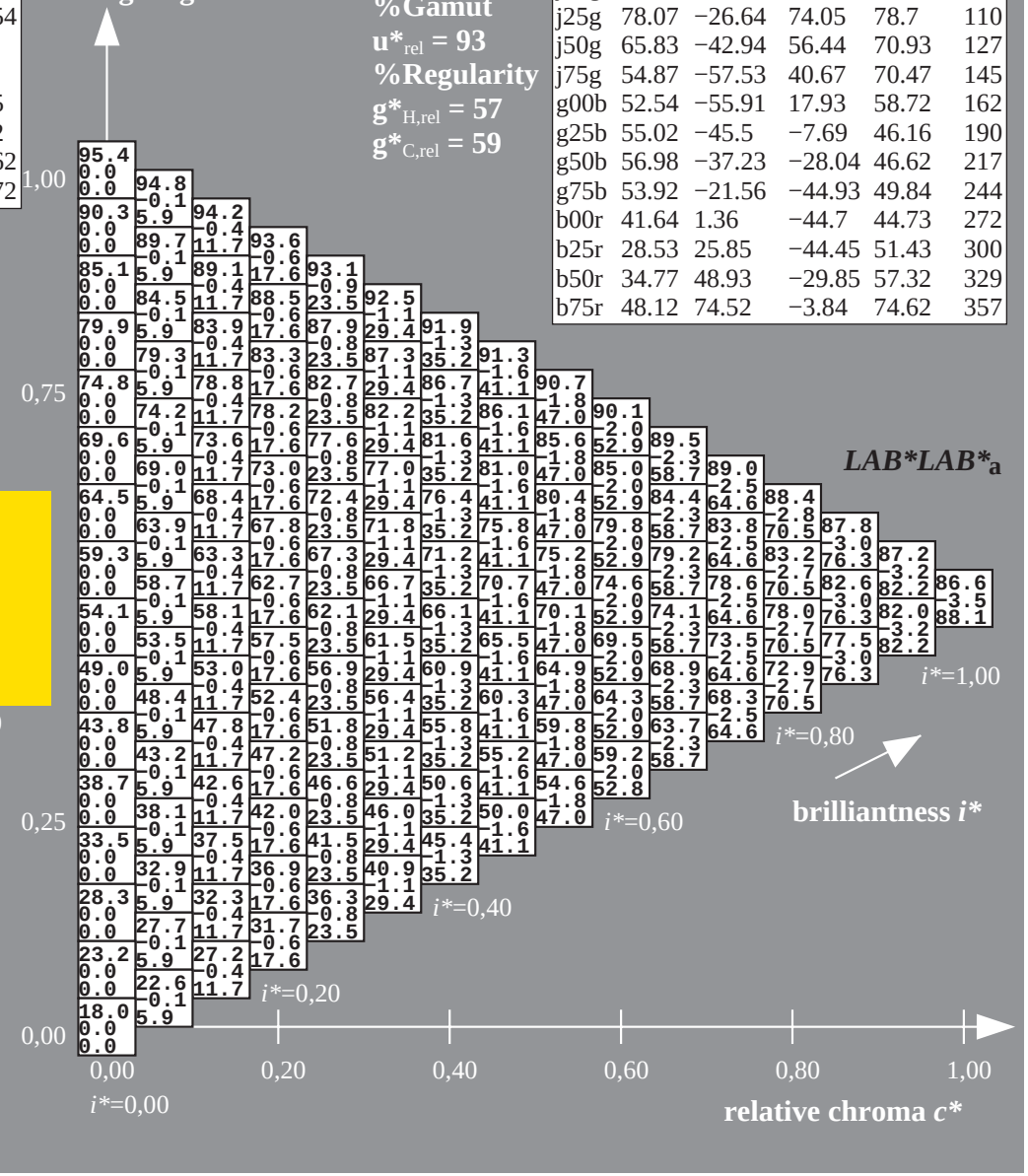
ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



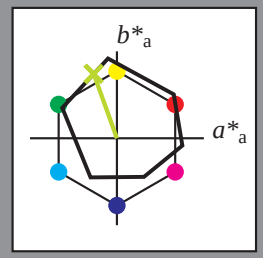
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

$u^* = j25g$
$LAB^*LAB^*_a$

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −26 74**

***$LAB^*LCH^*_{Ma}$*: 78 79 110**

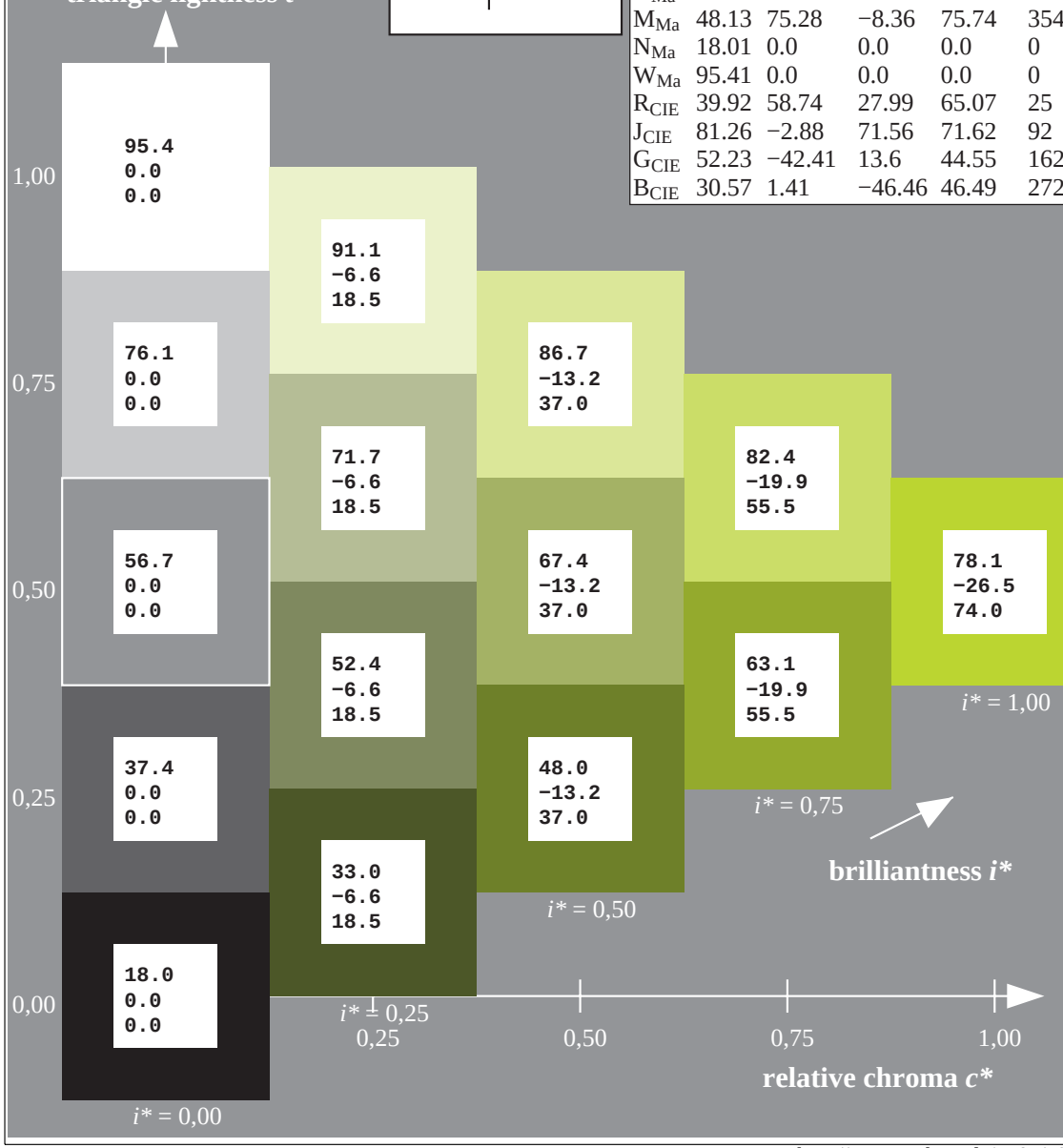
***$lab^*rgb^*_{Ma}$*: 0.75 1.0 0.0**

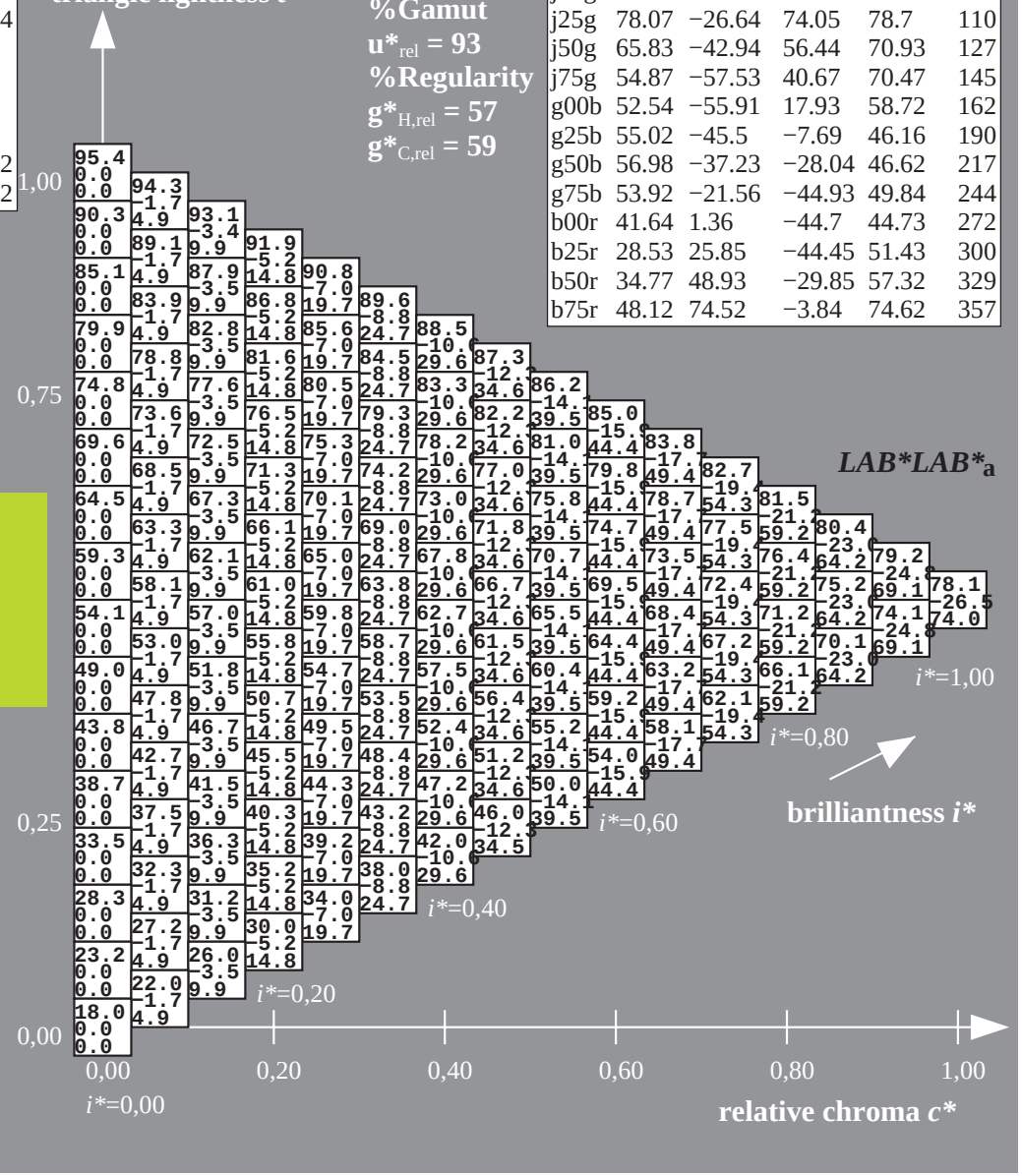
***$lab^*olv^*_{Ma}$*: 0.69 1.0 0.0**

triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

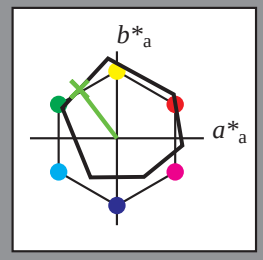




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

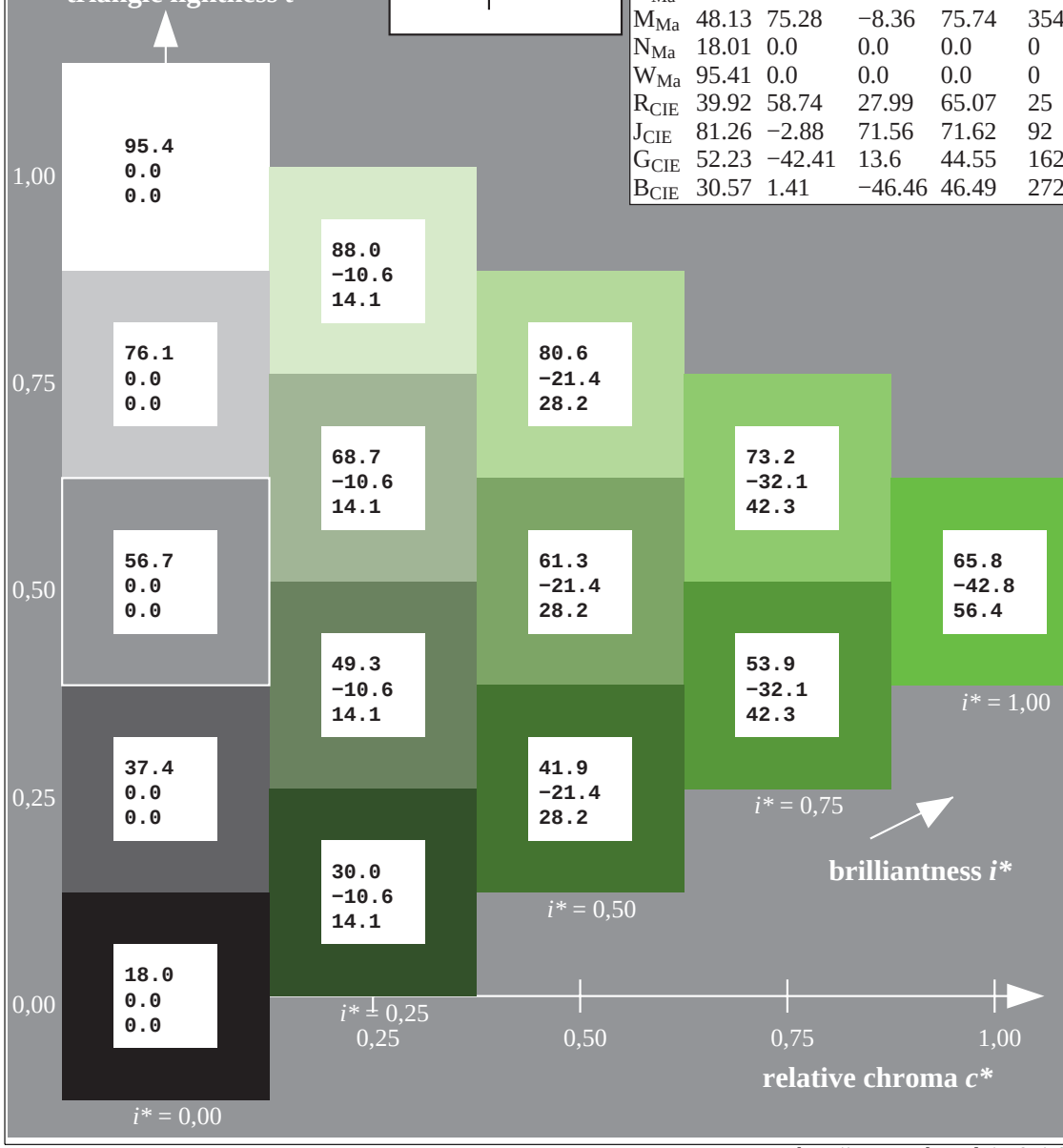


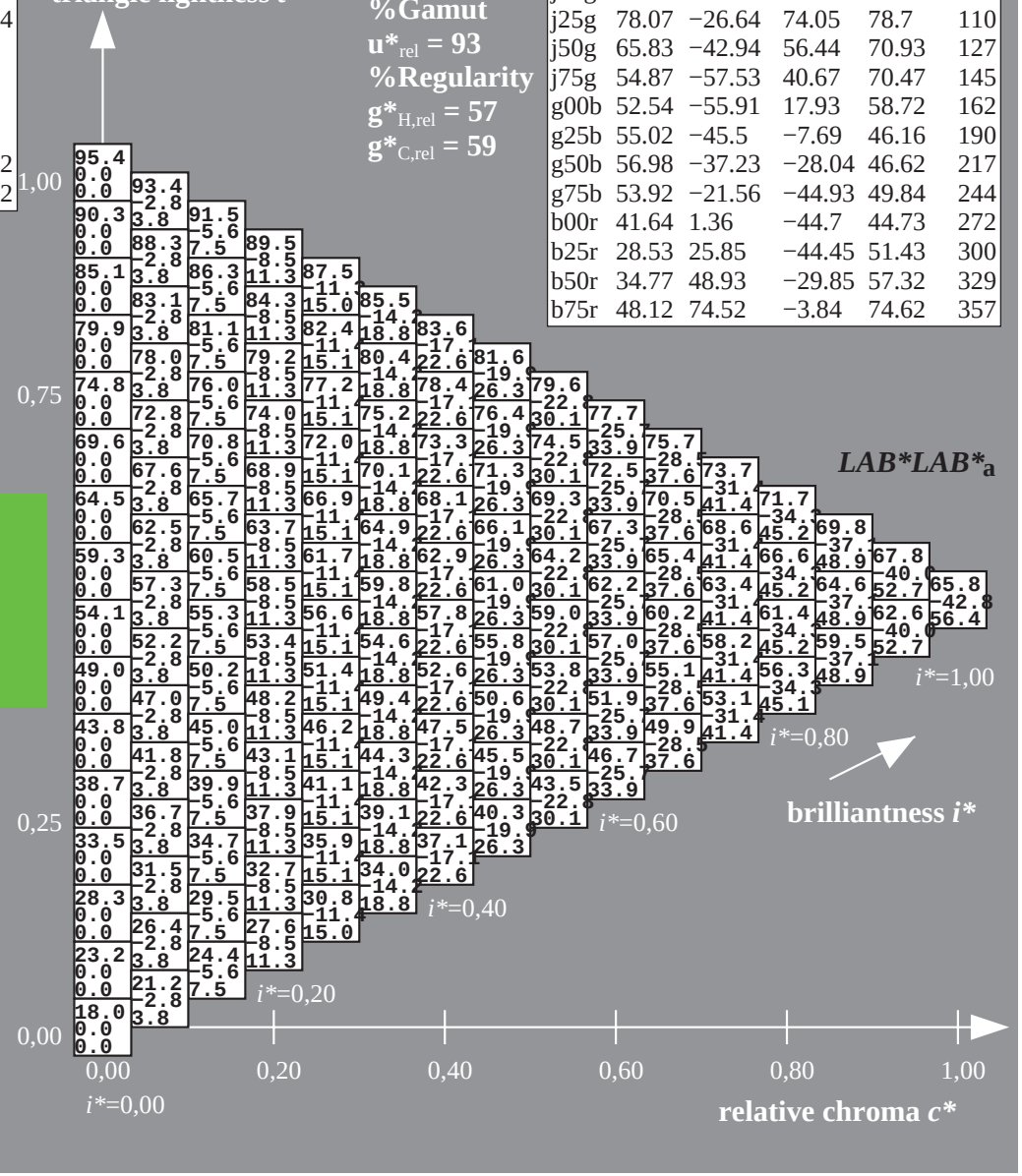
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −42 56**
***LAB*LCH**$_{Ma}$: 66 71 127**
***lab*rgb**$_{Ma}$: 0.5 1.0 0.0**
***lab*olv**$_{Ma}$: 0.38 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

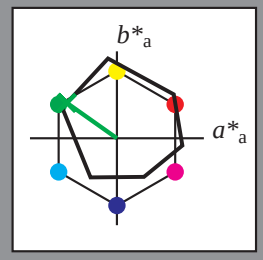




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

$u^* = j75g$
$LAB^*LAB^*_a$

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

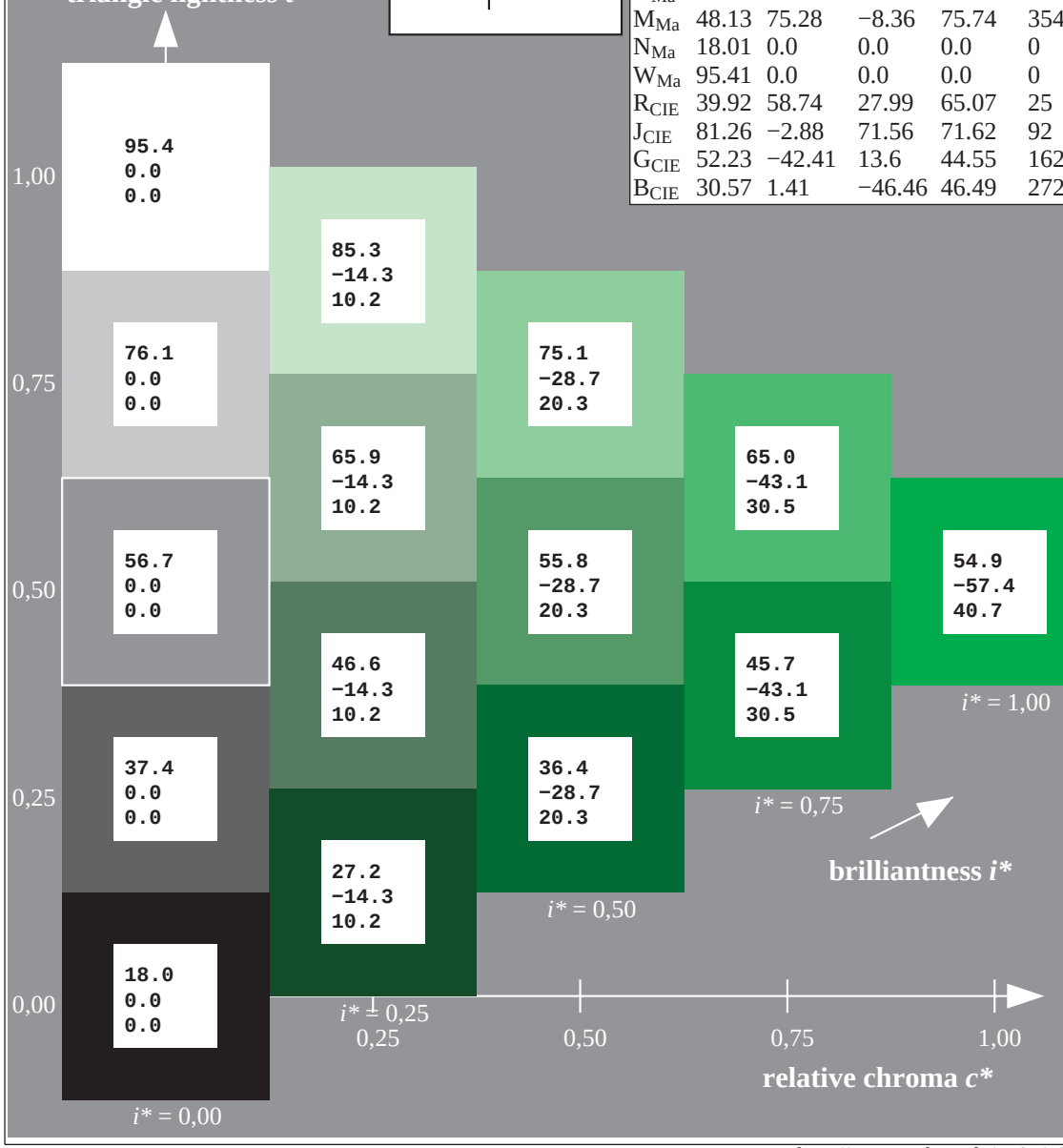


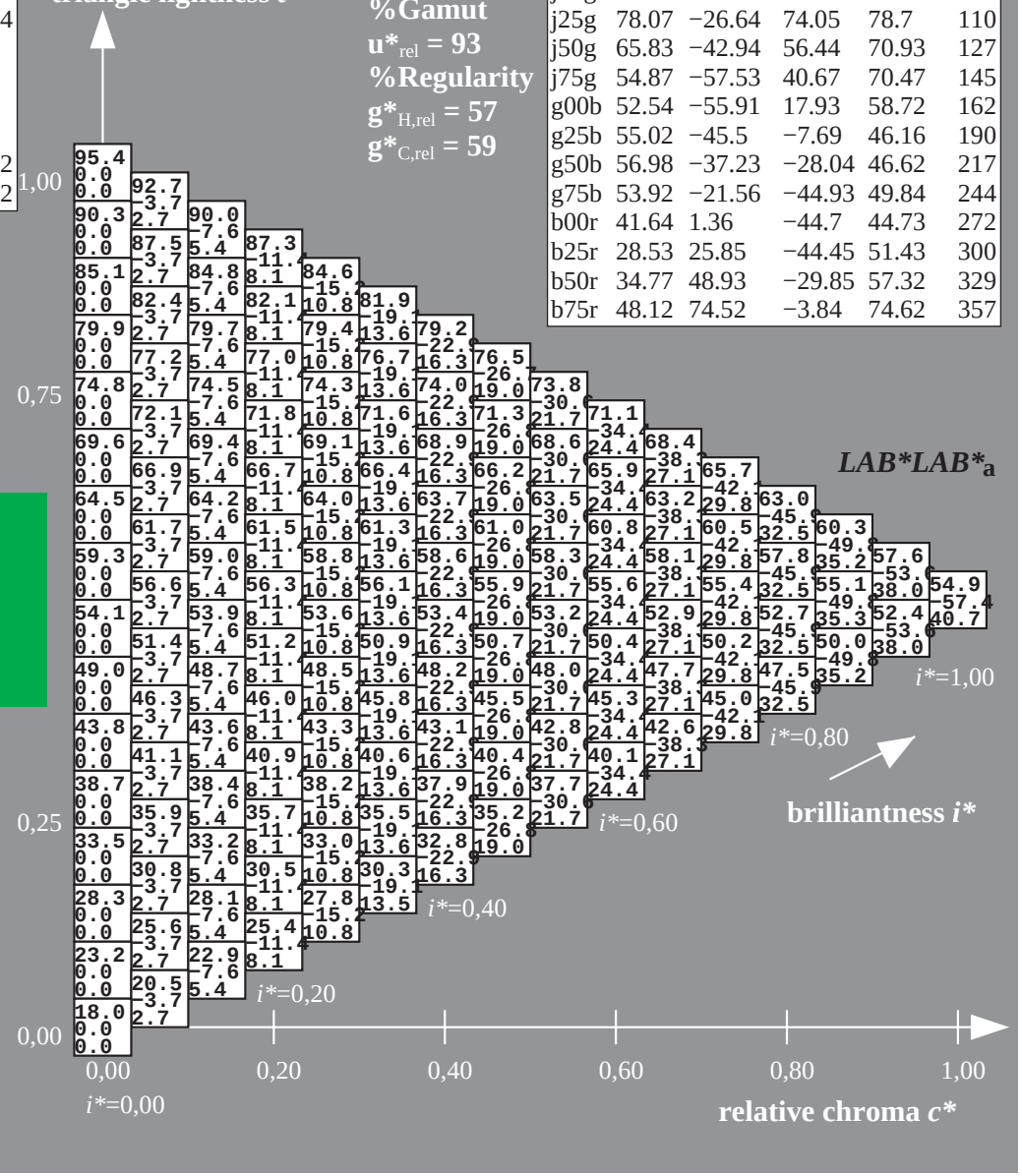
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −57 41**
***$LAB^*LCH^*_{Ma}$*: 55 70 145**
***$lab^*rgb^*_{Ma}$*: 0.25 1.0 0.0**
***$lab^*olv^*_{Ma}$*: 0.1 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

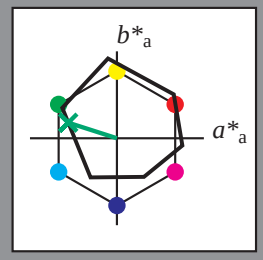




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = g00b
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

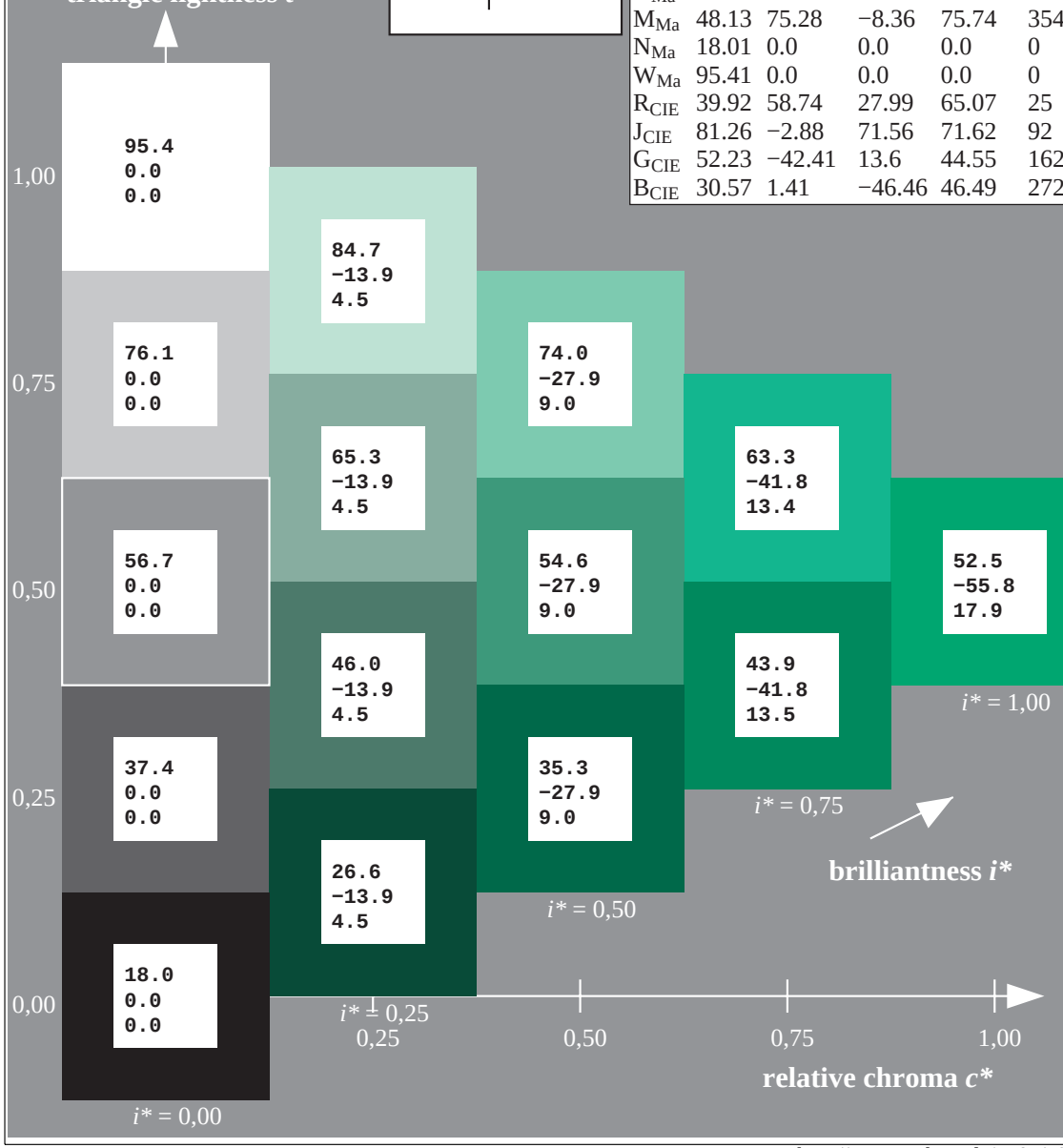


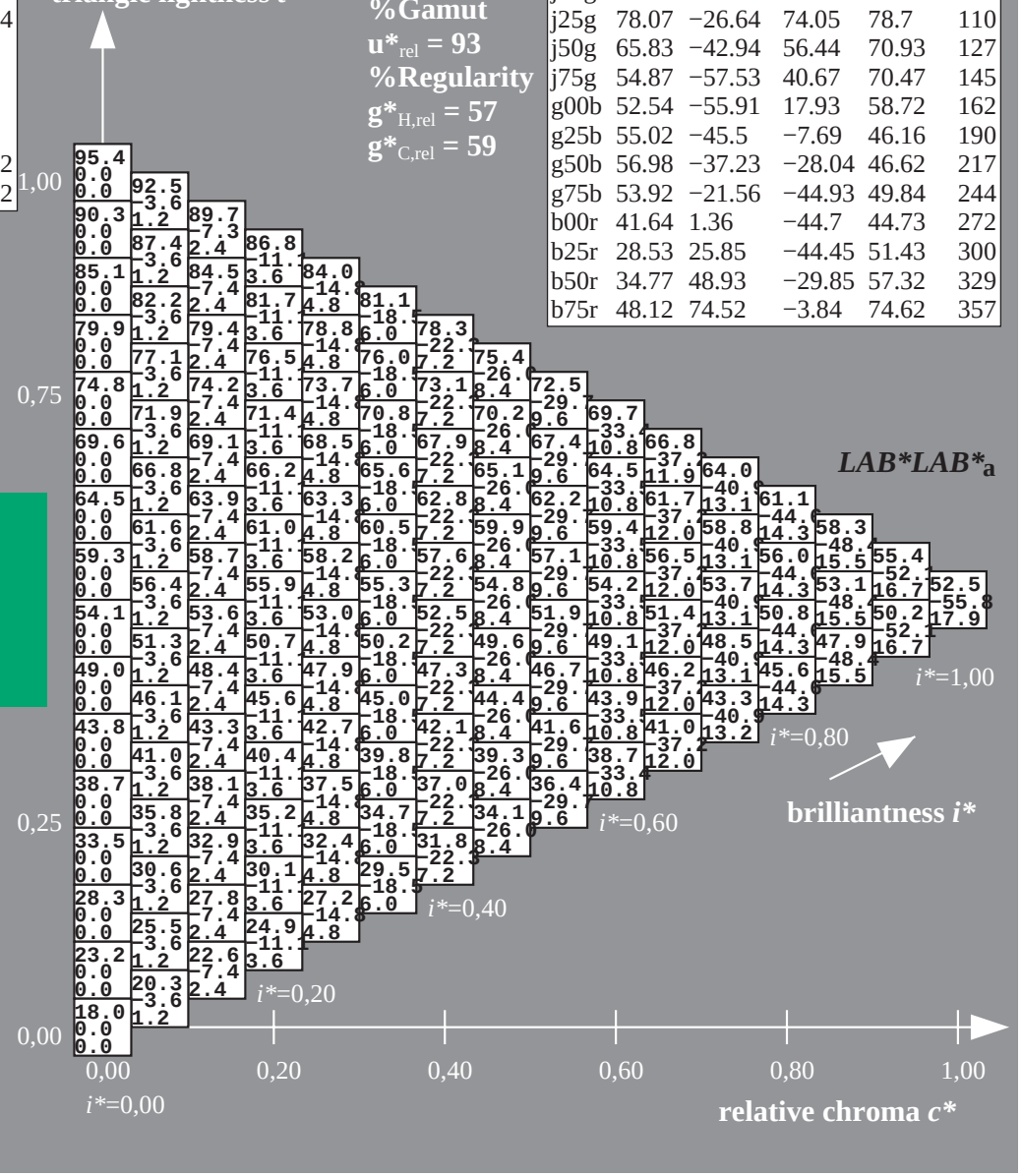
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −55 18**
***LAB*LCH**$_{Ma}$: 53 59 162**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.0**
***lab*olv**$_{Ma}$: 0.0 1.0 0.21**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

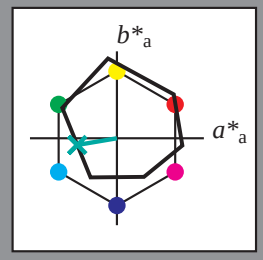




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = g25b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

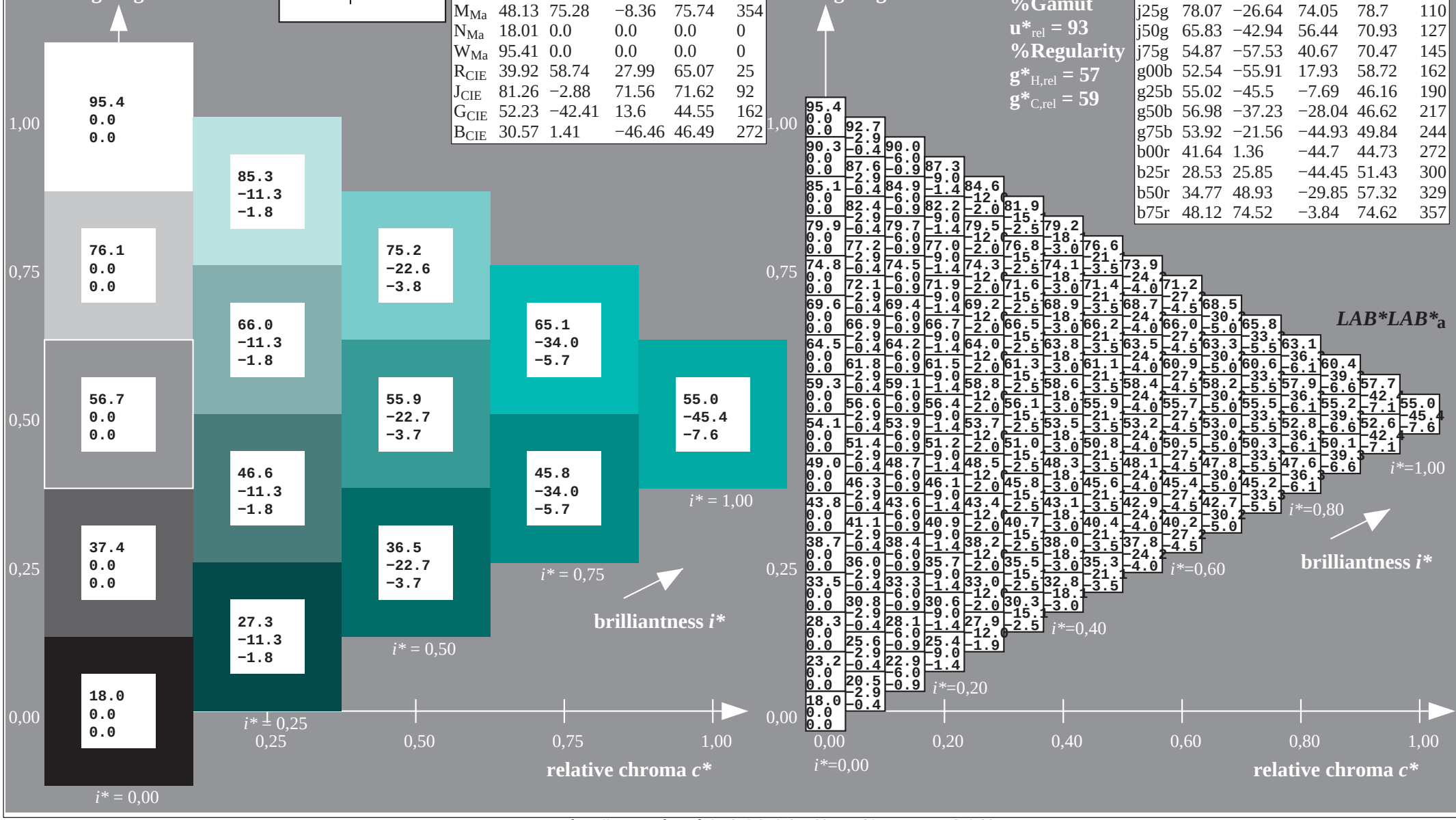
Data for maximum colour (Ma):

***LAB*LAB**$_{Ma}$: 55 −45 −7**
***LAB*LCH**$_{Ma}$: 55 46 190**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.5**
***lab*olv**$_{Ma}$: 0.0 1.0 0.53**

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*

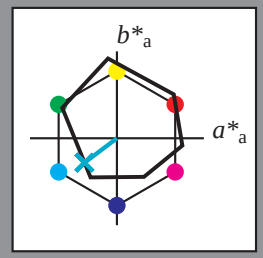
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = g50b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

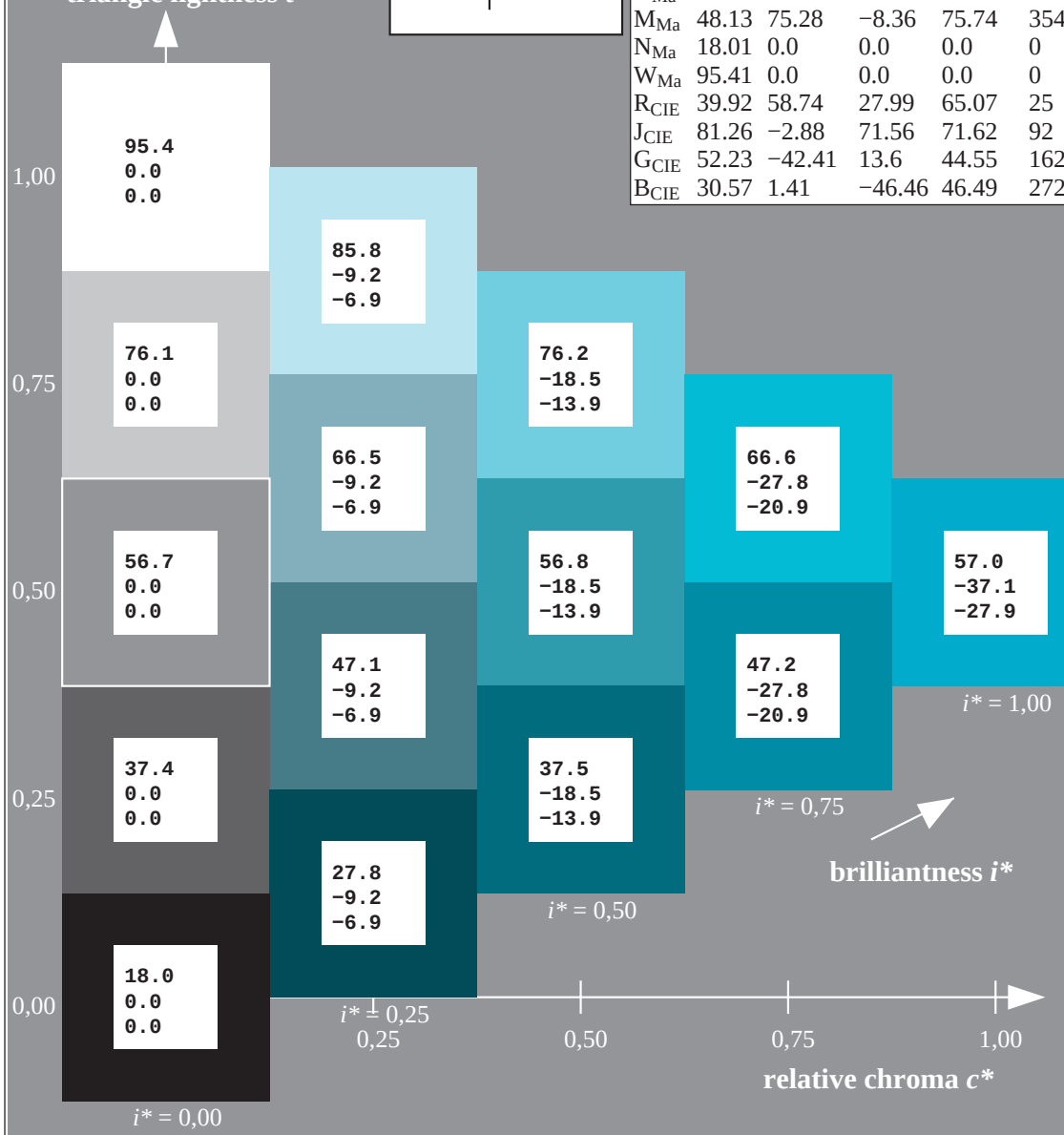


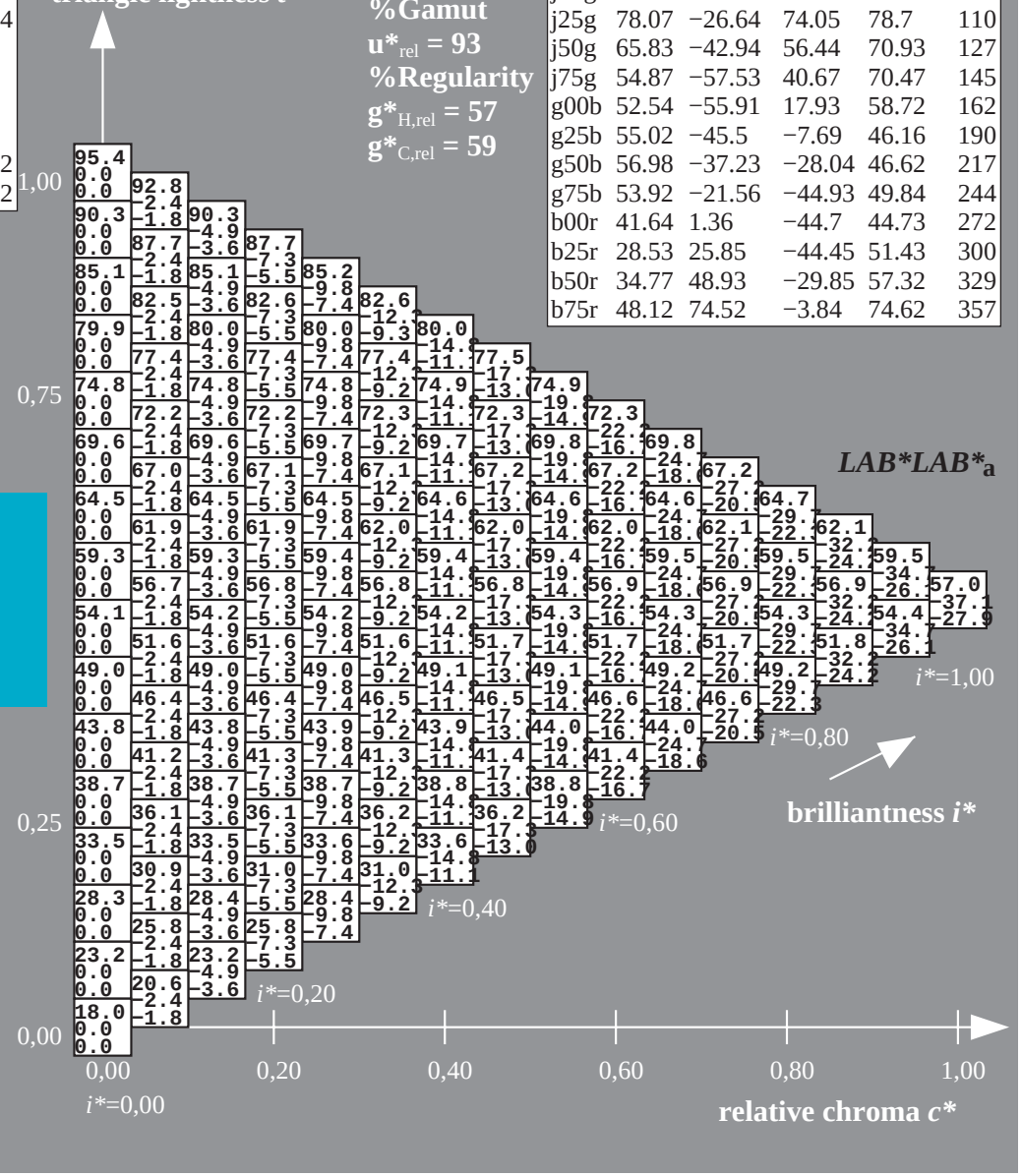
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −36 −27**
***$LAB^*LCH^*_{Ma}$*: 57 47 217**
***$lab^*rgb^*_{Ma}$*: 0.0 1.0 1.0**
***$lab^*olv^*_{Ma}$*: 0.0 1.0 0.79**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

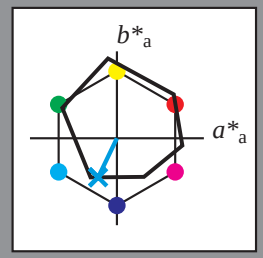




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = g75b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

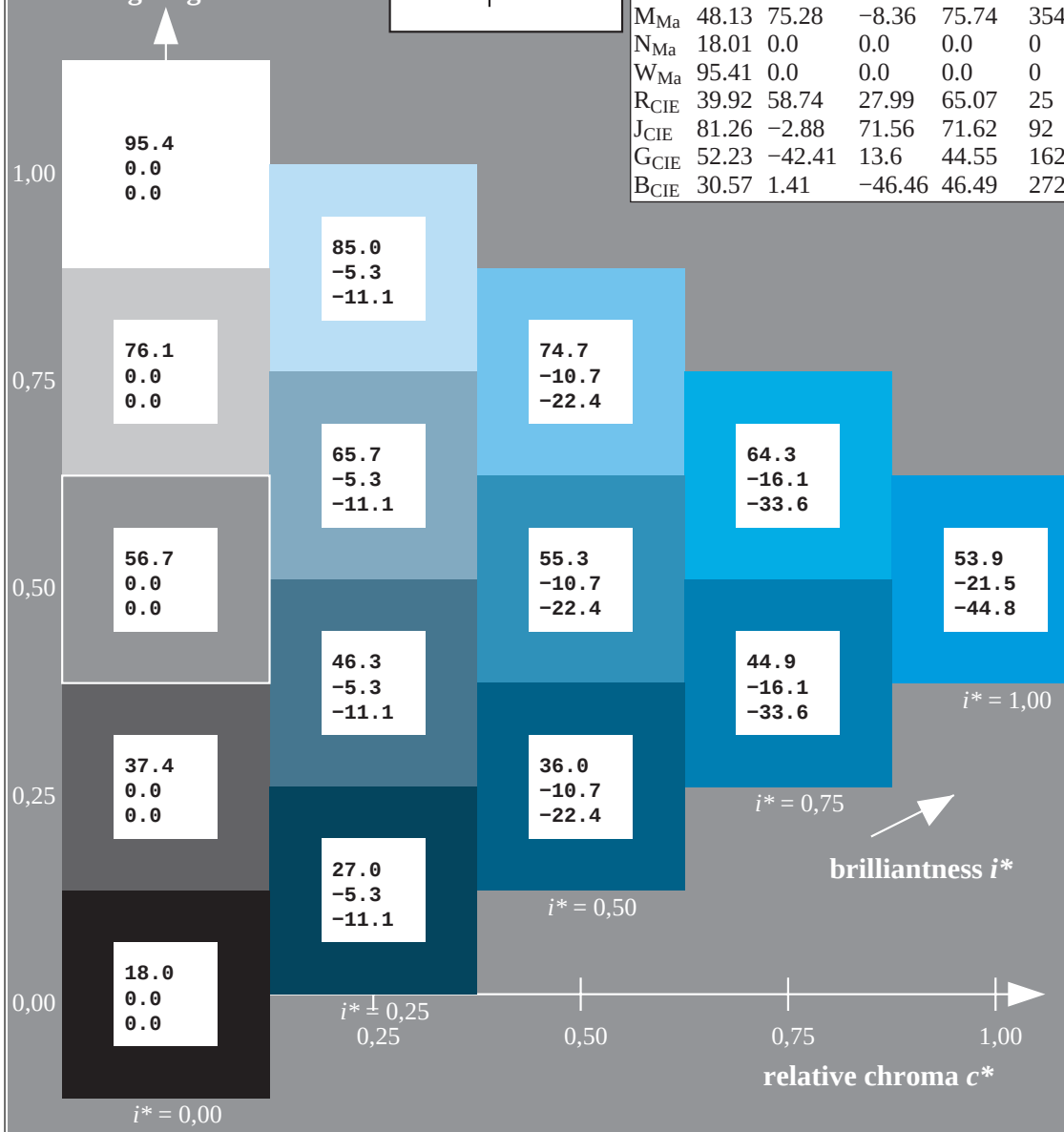


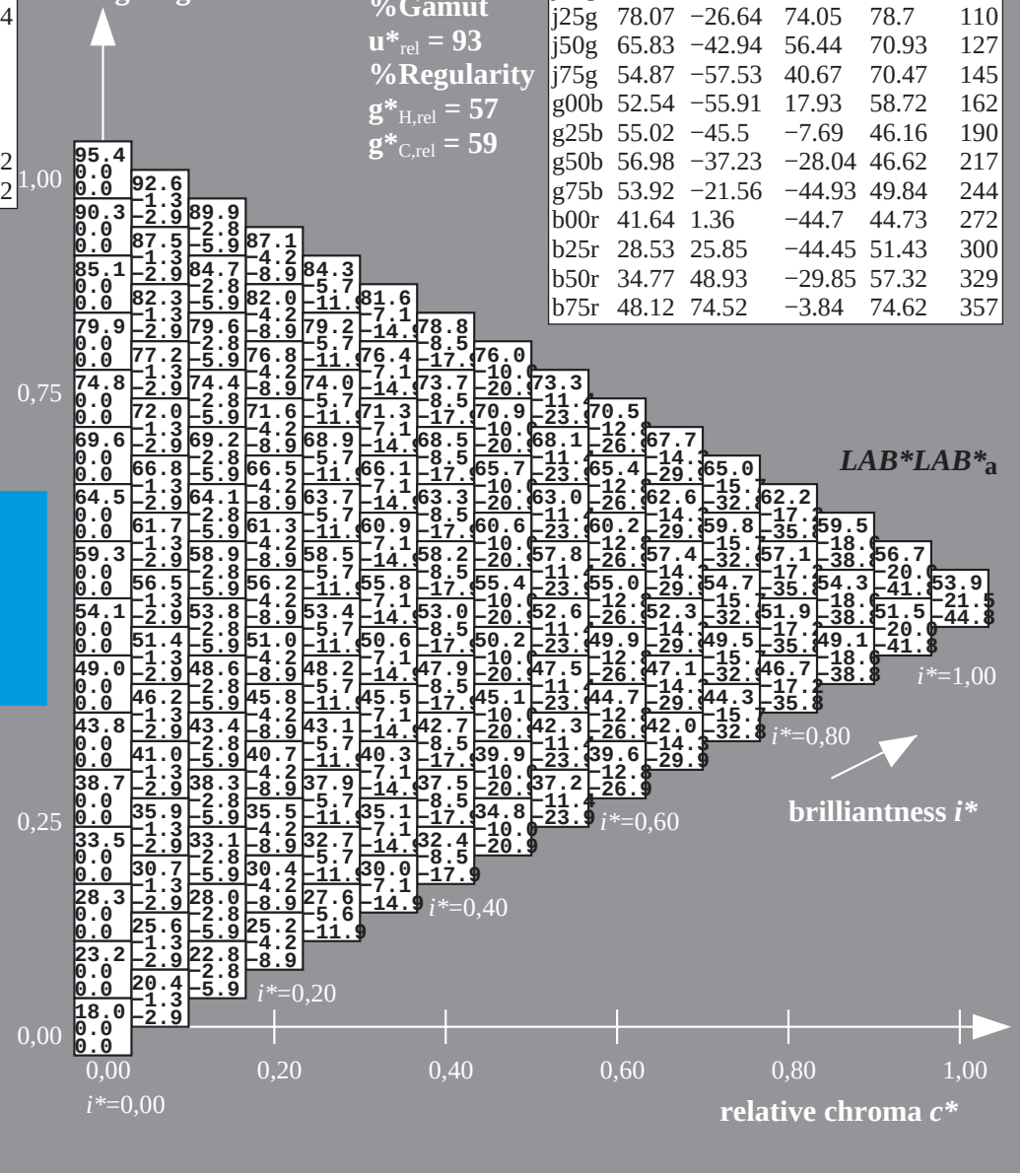
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −21 −44
$LAB^*LCH^*_{Ma}$: 54 50 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.86 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

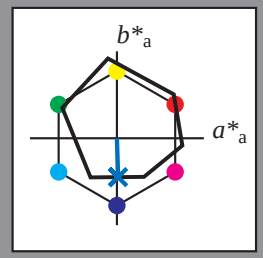




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

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

data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = b00r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data

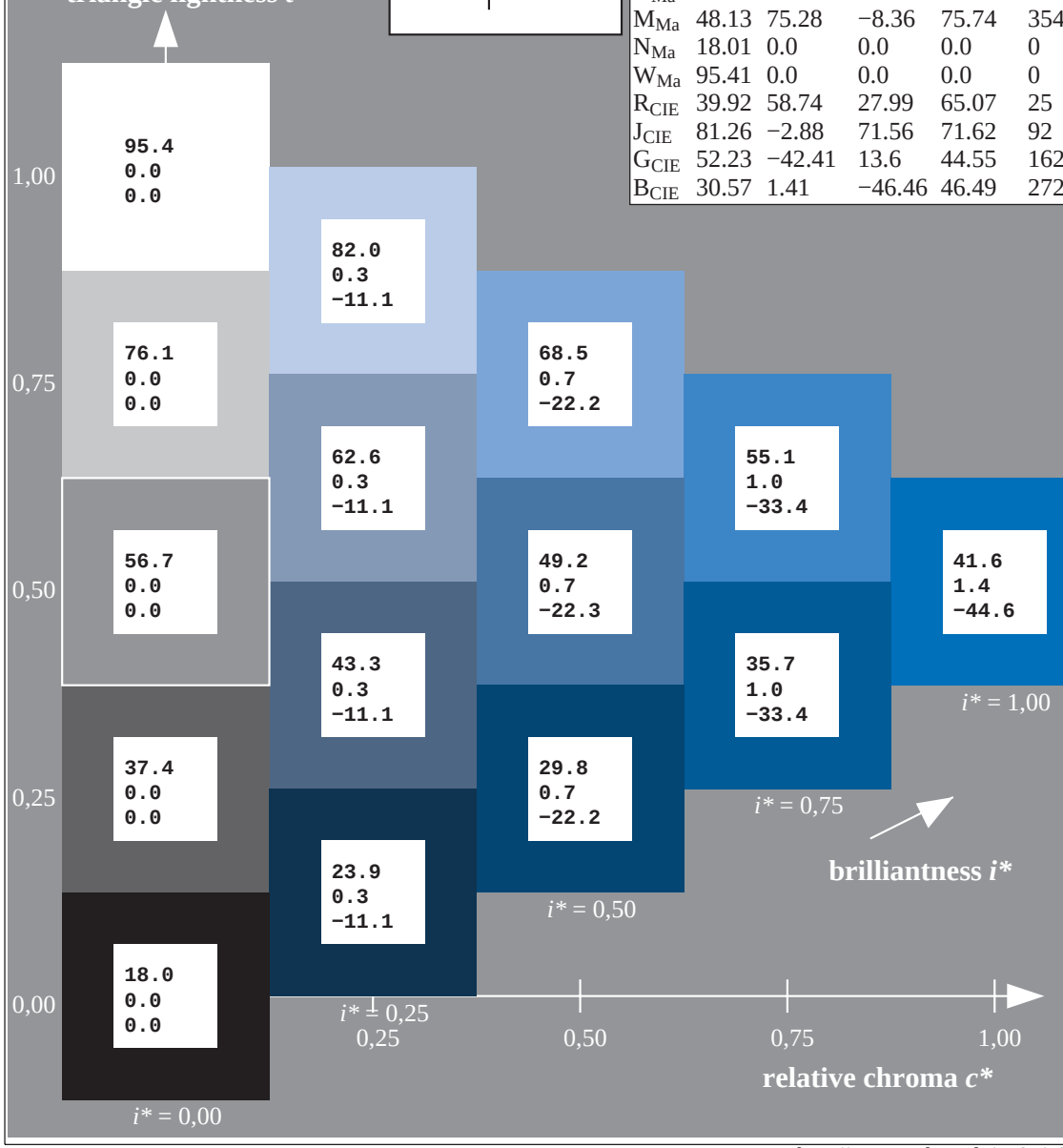
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

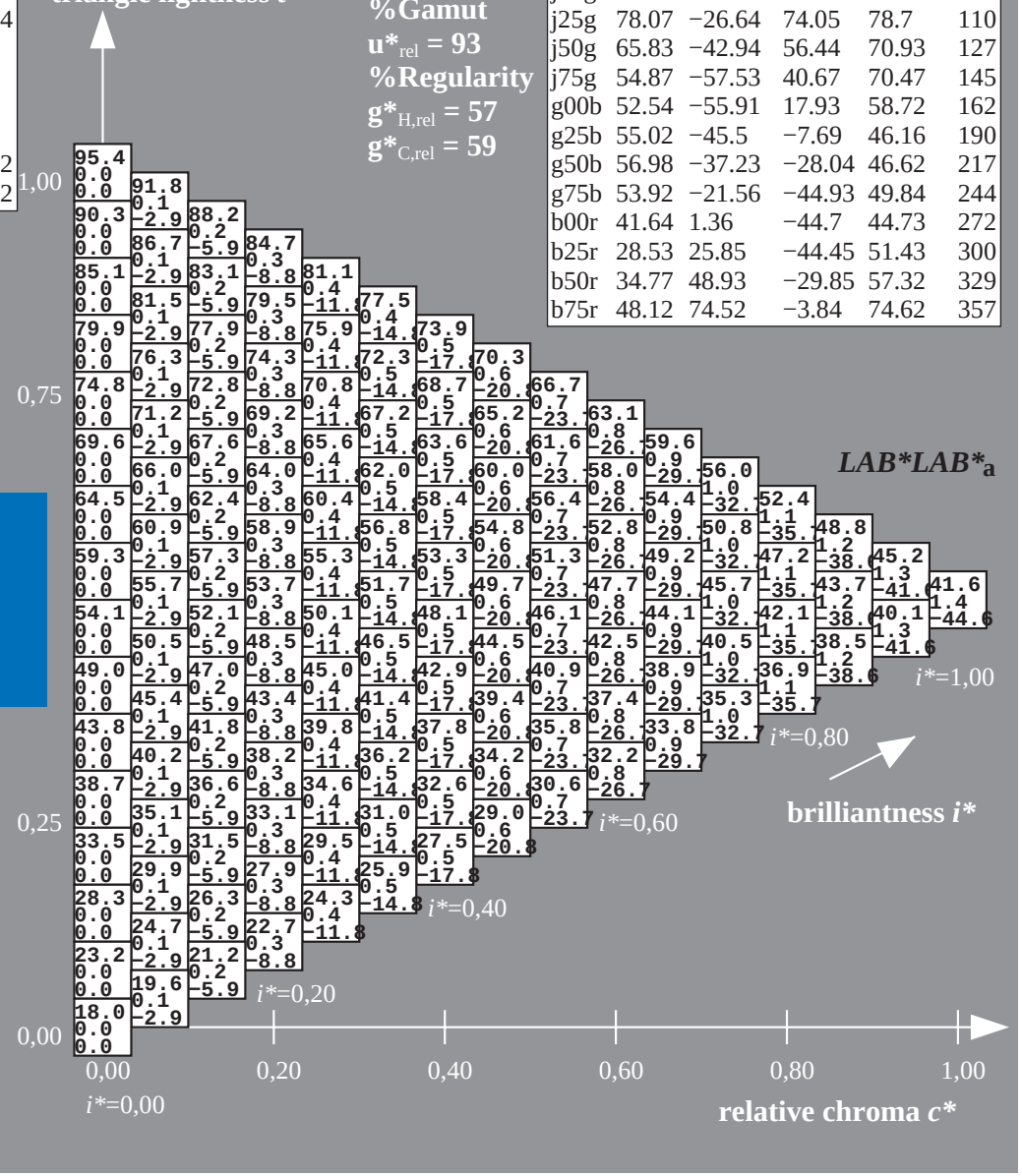
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 42 1 −44
$LAB^*LCH^*_{Ma}$: 42 45 272
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.48 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

$u^* = b25r$

$LAB^*LAB^*_a$

data for any colour:

lab*tch** and *lab*icu*

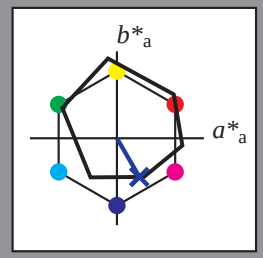
elementary hue text:

u* = b25r

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 26 −43**

***LAB*LCH**$_{Ma}$: 29 51 300**

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

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

triangle lightness *t**

%Gamut

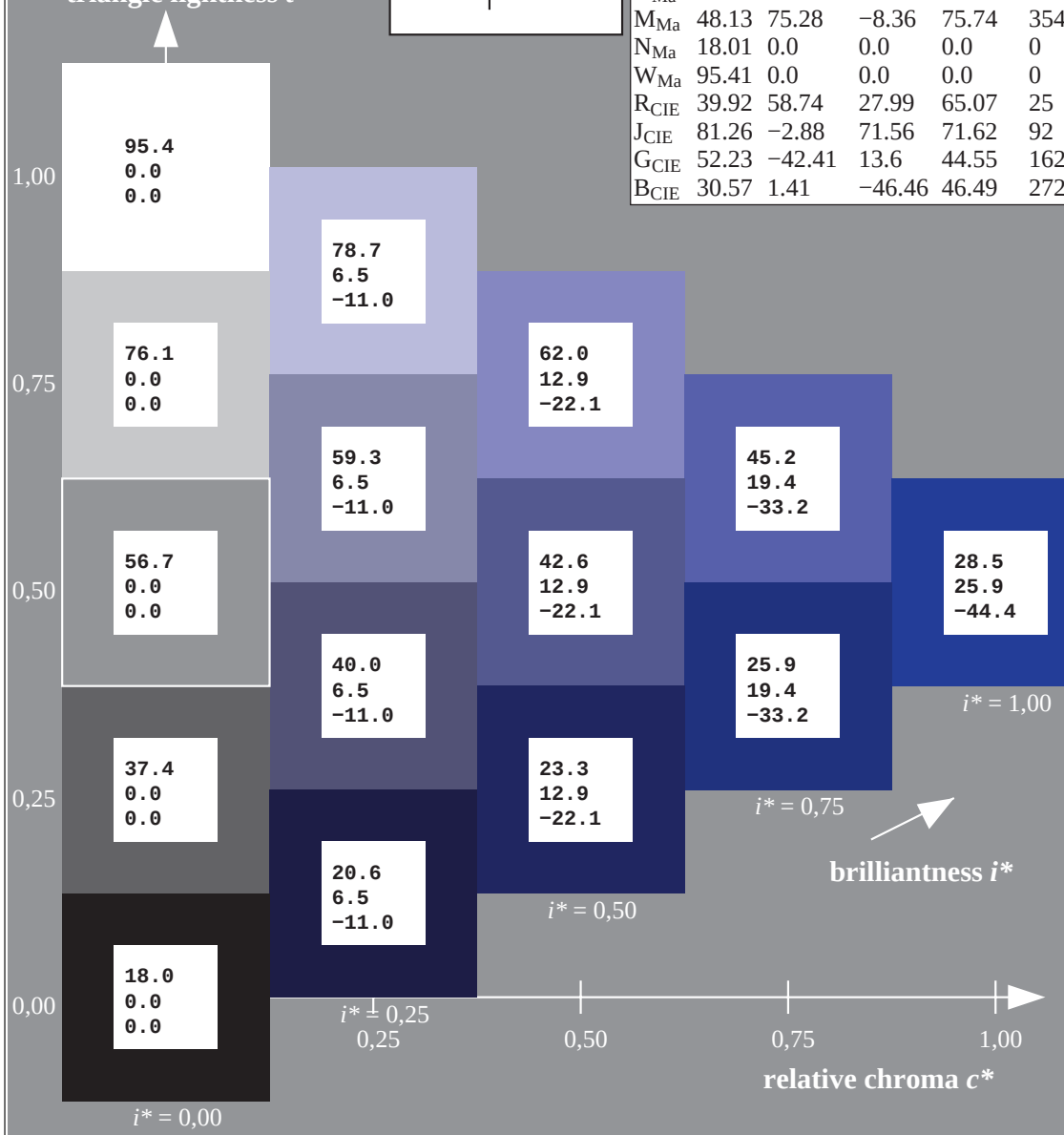
$u^*_{rel} = 93$

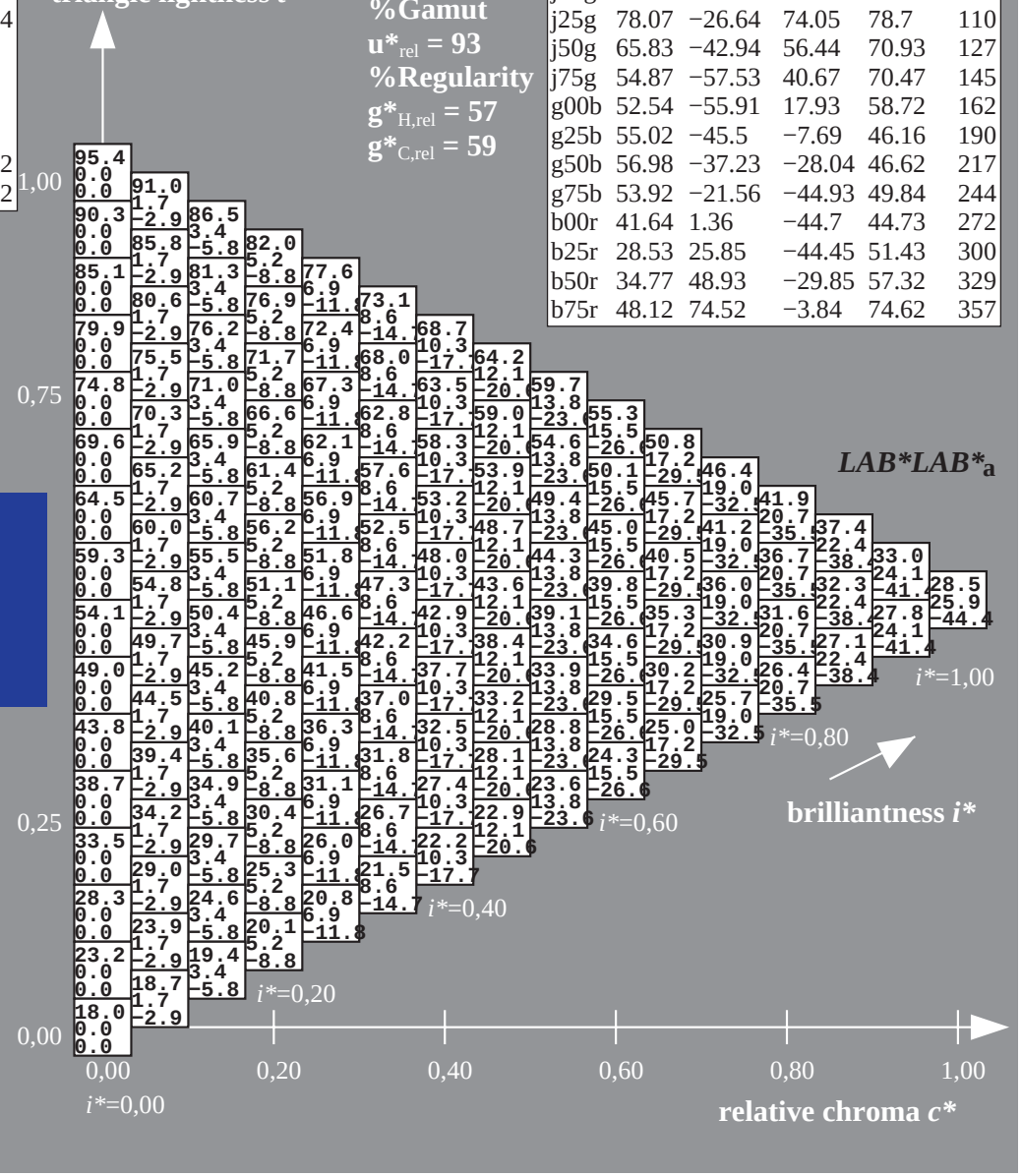
%Regularity

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

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

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

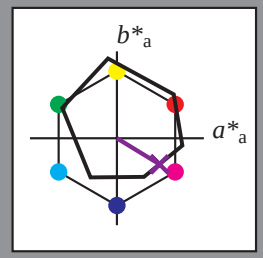




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = b50r
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

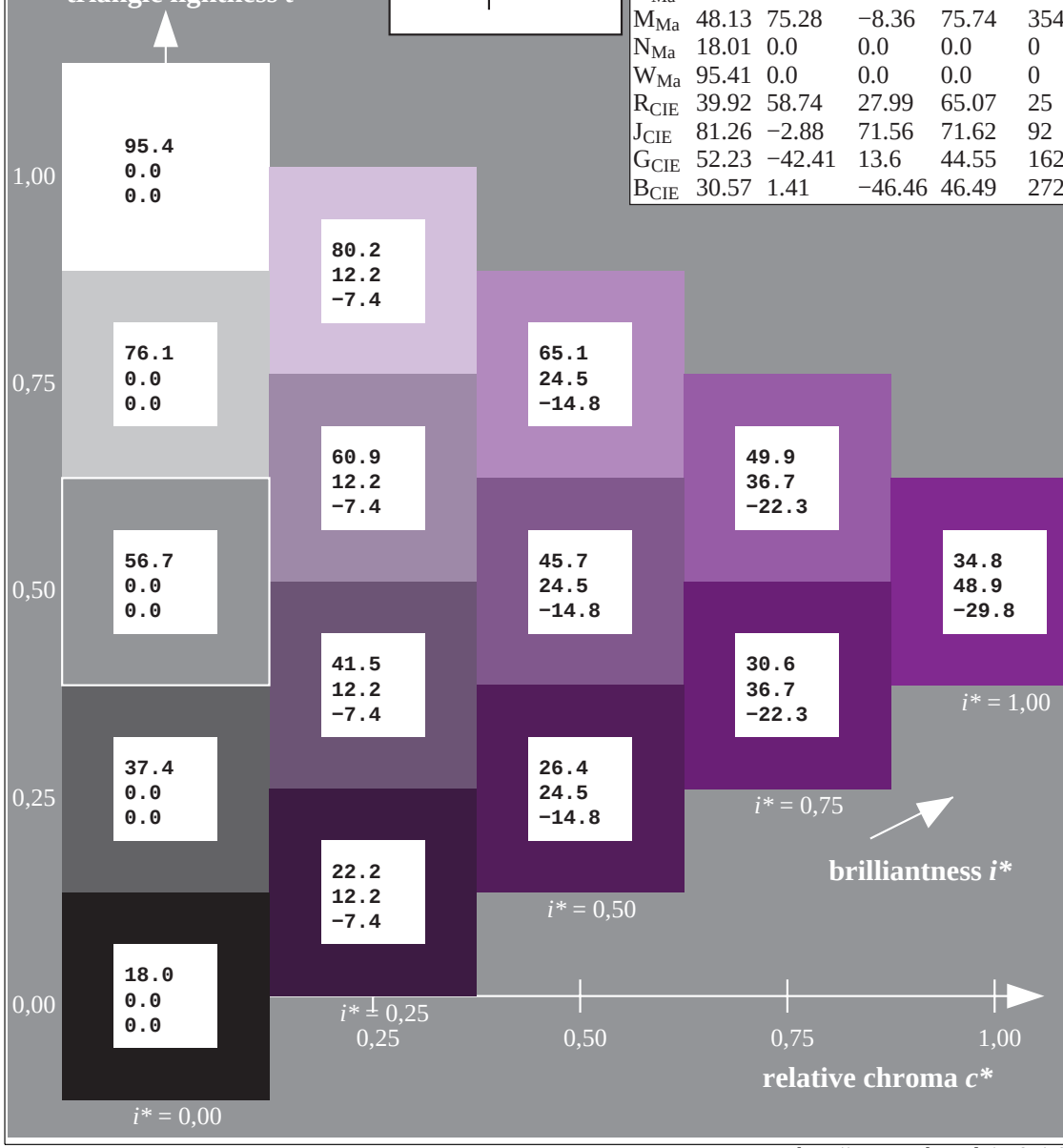


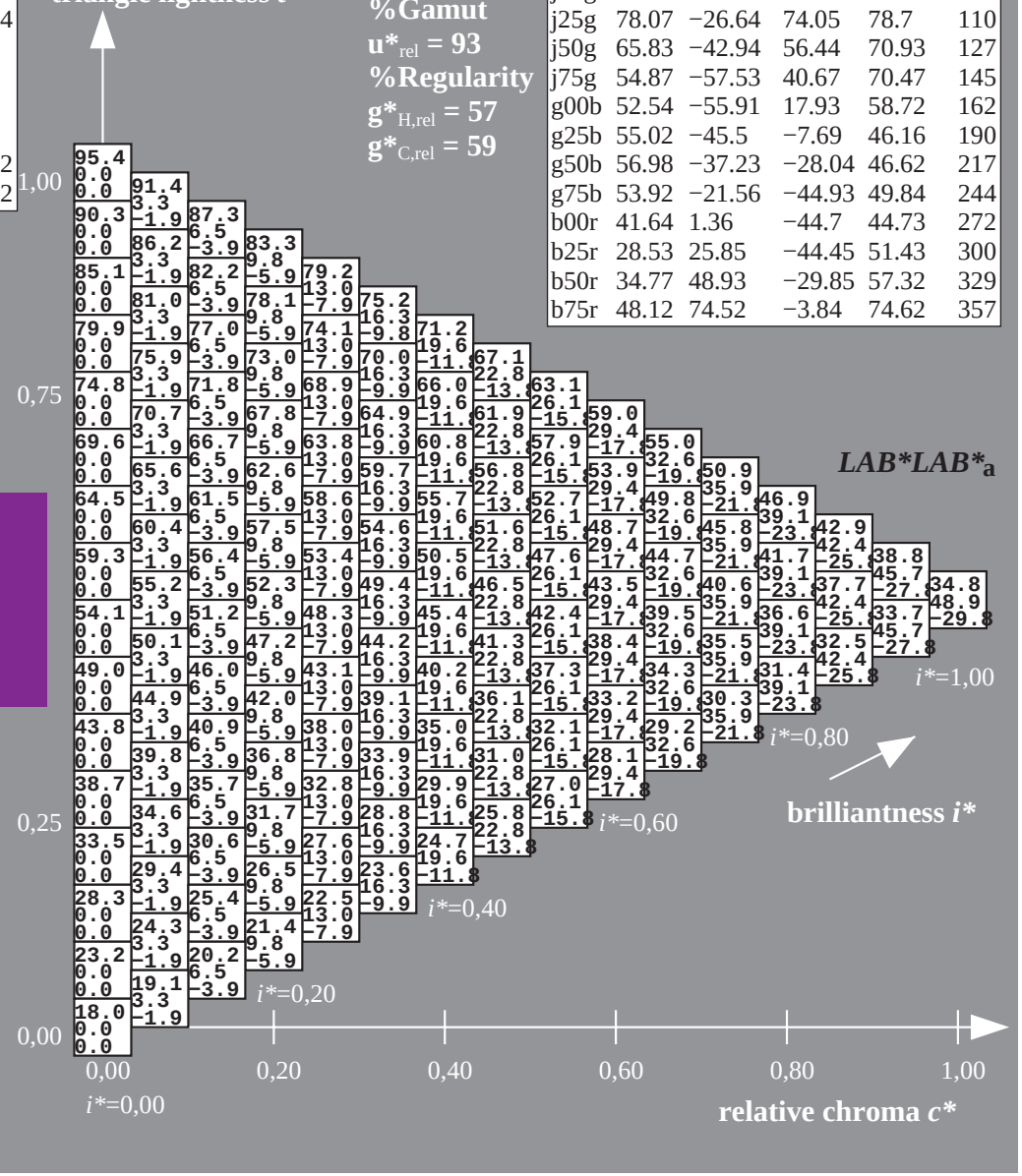
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 49 −29**
***LAB*LCH**$_{Ma}$: 35 57 329**
***lab*rgb**$_{Ma}$: 1.0 0.0 1.0**
***lab*olv**$_{Ma}$: 0.4 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

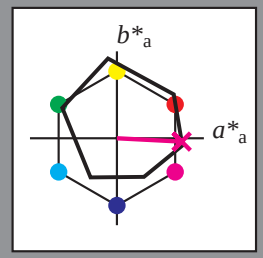




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

$u^* = b75r$
$LAB^*LAB^*_a$

data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = b75r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

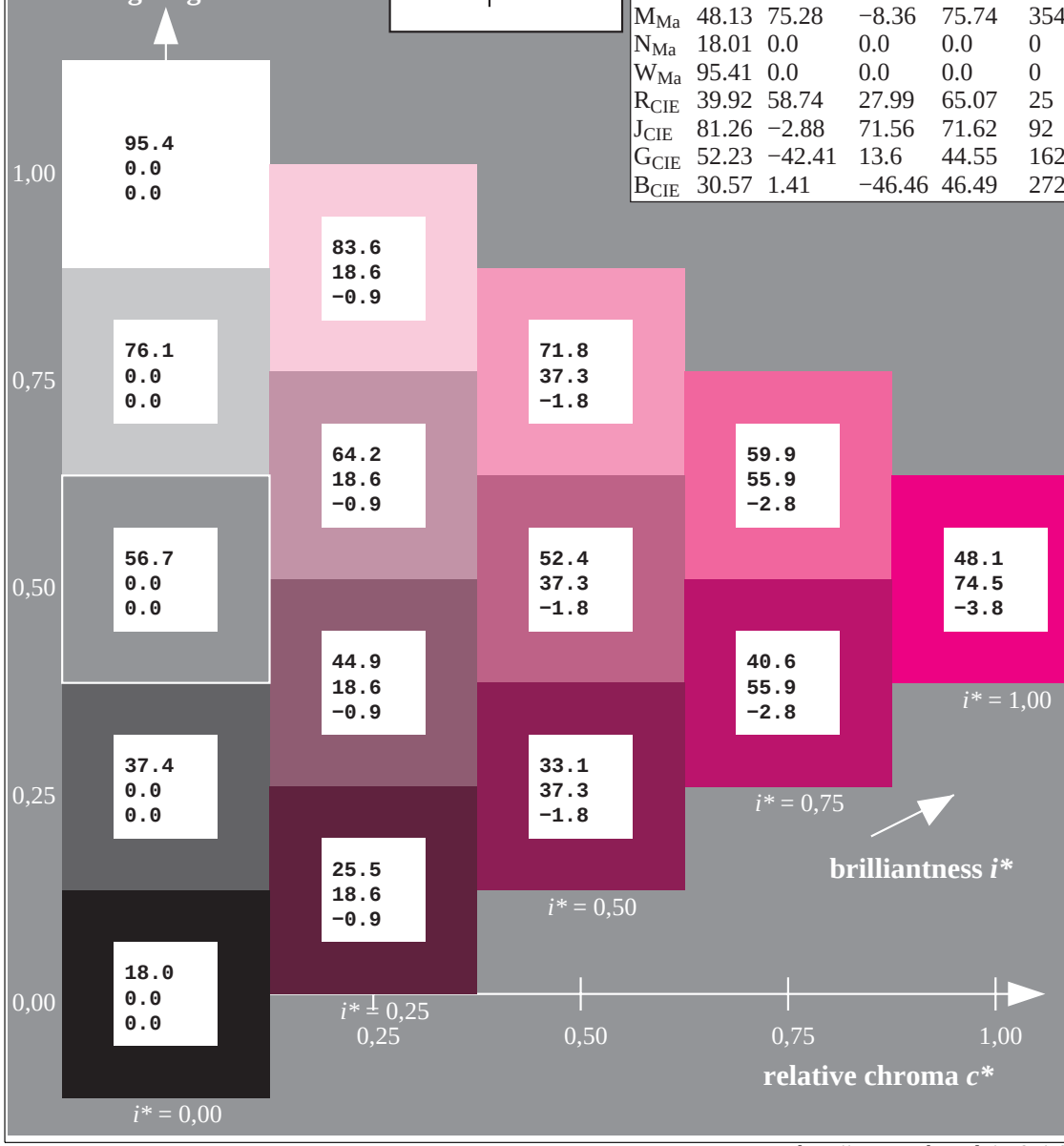


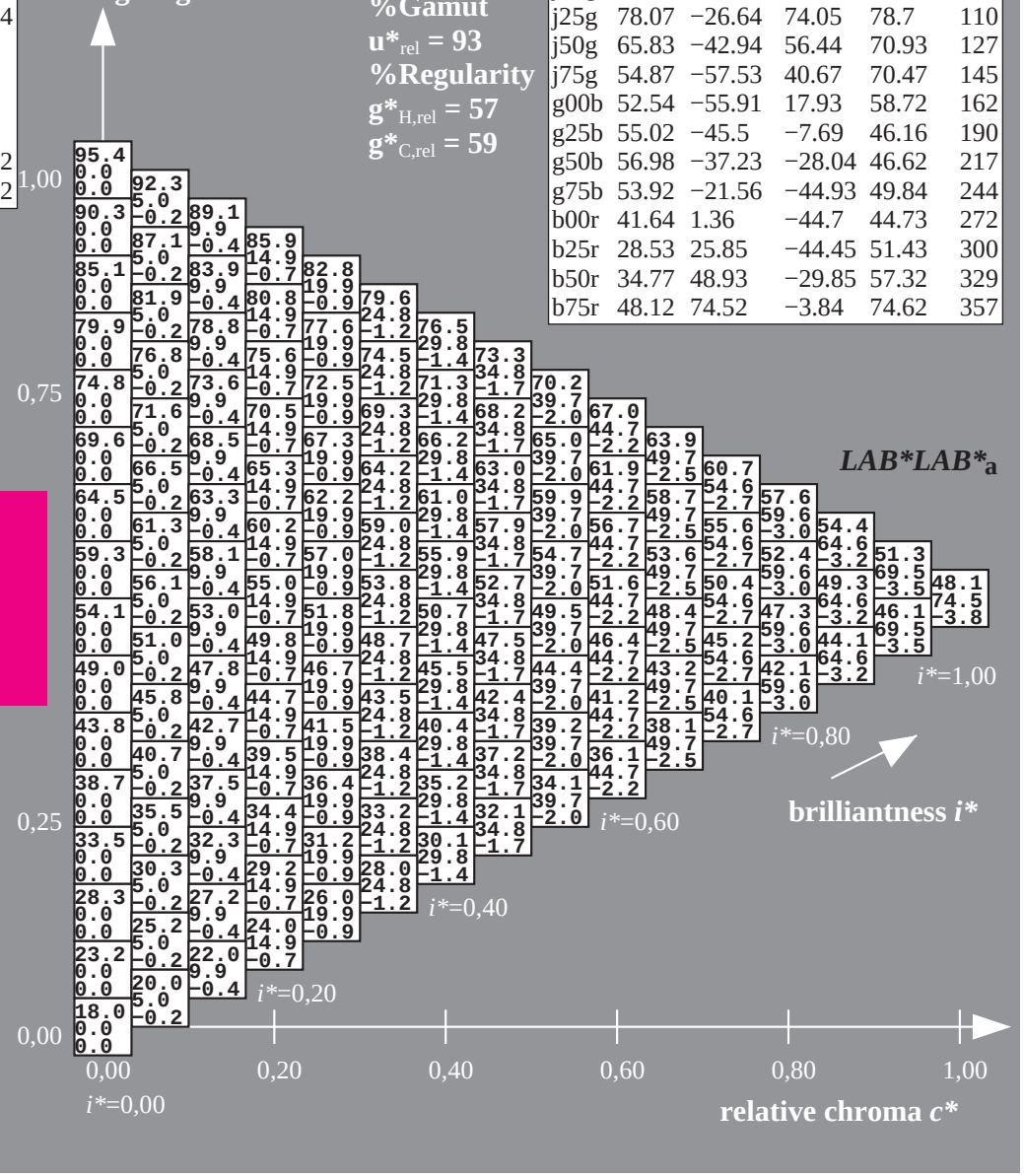
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 75 −3
$LAB^*LCH^*_{Ma}$: 48 75 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.92
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





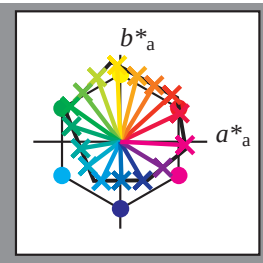
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
01	18.0 0.0 0.0	22.1 -7.7 4.4	26.2 -15.6 8.7	30.3 -23.5 13.1	34.5 -31.3 17.5	38.6 -39.2 21.8	42.7 -47.0 26.2	46.8 -54.9 30.6	50.9 -62.7 35.0	21.8 8.2 6.3	27.1 -1.2 11.5	31.2 -9.0 15.8	35.3 -16.9 20.2	39.4 -24.7 24.6	43.5 -32.6 28.9	47.6 -40.5 33.3	51.7 -48.3 37.7	55.8 -56.2 42.0	25.5 16.3 12.6	30.8 6.9 17.8
02	19.0 3.9 -5.4	23.1 -3.7 -5.5	27.2 -11.5 -1.2	31.3 -19.4 3.1	35.4 -27.3 7.5	39.5 -35.1 11.9	43.6 -43.0 16.2	47.8 -50.8 20.6	51.9 -58.7 25.0	21.8 9.4 -0.9	27.7 0.0 0.0	31.8 -7.8 4.4	35.9 -15.6 8.7	40.0 -23.5 13.1	44.1 -31.3 17.5	48.2 -39.2 21.8	52.4 -47.0 26.2	56.5 -54.9 30.6	25.5 17.6 5.3	31.4 8.2 6.3
03	19.9 7.8 -11.0	24.1 0.1 -11.1	28.2 -7.5 -11.2	32.3 -15.3 -6.8	36.4 -23.2 -2.4	40.5 -31.0 1.9	44.6 -38.9 6.2	48.7 -46.8 10.6	52.8 -54.6 15.0	22.7 13.3 -6.5	28.6 3.9 -5.5	32.8 -3.7 -5.5	36.9 -11.5 -1.2	41.0 -19.4 3.1	45.1 -27.3 7.5	49.2 -35.1 11.9	53.3 -43.0 16.2	57.4 -50.8 20.6	25.5 18.8 -2.0	31.5 9.4 -0.9
04	20.9 11.7 -16.5	25.0 4.0 -16.6	29.1 -3.6 -16.7	33.2 -11.3 -16.8	37.4 -19.1 -12.4	41.5 -27.0 -8.0	45.6 -34.8 -3.7	49.7 -42.7 0.6	53.8 -50.5 5.0	23.7 17.2 -12.0	29.6 7.8 -11.0	33.7 0.1 -11.1	37.8 -7.5 -11.2	41.9 -15.3 -6.8	46.1 -23.2 -2.4	50.2 -31.1 1.9	54.3 -38.9 6.2	58.4 -46.8 10.6	26.5 22.7 -7.5	32.4 13.3 -6.5
05	21.9 15.5 -22.1	26.0 7.9 -22.2	30.1 0.2 -22.3	34.2 -7.4 -22.3	38.3 -15.1 -22.4	42.4 -22.9 -18.0	46.5 -30.8 -13.7	50.7 -38.6 -9.3	54.8 -46.5 -4.9	24.7 21.1 -17.6	30.6 11.7 -16.6	34.7 4.0 -16.6	38.8 -3.6 -16.7	42.9 -11.3 -16.8	47.0 -19.1 -12.4	51.1 -27.0 -8.0	55.2 -34.8 -3.7	59.4 -42.7 0.6	27.5 26.6 -13.1	33.4 17.2 -12.0
06	22.8 19.4 -27.7	26.9 11.8 -27.7	31.1 4.1 -27.8	35.2 -3.5 -27.9	39.3 -11.2 -28.0	43.4 -18.9 -28.0	47.5 -26.7 -23.7	51.6 -34.6 -19.3	55.7 -42.4 -14.9	25.6 25.0 -23.2	31.5 15.5 -22.1	35.7 7.9 -22.2	39.8 0.2 -22.3	43.9 -7.4 -22.3	48.0 -15.1 -22.4	52.1 -22.9 -18.0	56.2 -30.8 -13.7	60.3 -38.6 -9.3	28.4 30.5 -18.6	34.3 21.1 -17.6
07	23.8 23.3 -33.2	27.9 15.6 -33.3	32.0 8.0 -33.4	36.1 0.3 -33.4	40.2 -7.3 -33.5	44.4 -15.0 -33.6	48.5 -22.7 -33.7	52.6 -30.5 -29.3	56.7 -38.4 -24.9	26.6 28.8 -28.7	32.5 19.4 -27.7	36.6 11.8 -27.7	40.7 4.1 -27.8	44.8 -3.5 -27.9	49.0 -11.2 -28.0	53.1 -18.9 -28.0	57.2 -26.7 -23.7	61.3 -34.6 -19.3	29.4 34.4 -24.2	35.3 25.0 -23.2
08	24.8 27.2 -38.8	28.9 19.5 -38.8	33.0 11.9 -38.9	37.1 4.2 -39.0	41.2 -3.4 -39.1	45.3 -11.1 -39.1	49.4 -18.8 -39.2	53.5 -26.5 -39.3	57.7 -34.3 -34.9	27.6 32.7 -34.3	33.5 23.3 -33.2	37.6 15.6 -33.3	41.7 8.0 -33.4	45.8 0.3 -33.4	49.9 -7.3 -33.5	54.0 -15.0 -33.6	58.1 -22.7 -33.7	62.3 -30.5 -29.3	30.4 38.2 -29.7	36.3 28.8 -28.7
09	25.7 31.1 -44.3	29.8 23.4 -44.4	33.9 15.7 -44.5	38.1 8.1 -44.5	42.2 0.4 -44.6	46.3 -7.2 -44.7	50.4 -14.9 -44.8	54.5 -22.6 -44.8	58.6 -30.2 -44.9	28.5 36.6 -39.8	34.4 27.2 -38.8	38.5 19.5 -38.8	42.7 11.8 -38.9	46.8 4.2 -39.0	50.9 -3.4 -39.1	55.0 -11.1 -39.1	59.1 -18.8 -39.2	63.2 -26.5 -39.3	31.3 42.1 -35.3	37.2 32.7 -34.2
10	29.2 24.5 18.9	34.5 15.1 24.1	39.8 5.6 29.2	45.1 -3.7 34.4	49.3 -11.6 38.8	53.4 -19.5 43.1	57.5 -27.3 47.5	61.6 -35.2 51.9	65.7 -43.0 56.2	33.0 32.7 25.3	38.3 23.2 30.4	43.6 13.8 35.6	48.9 4.3 40.7	54.2 -5.0 45.9	58.3 -12.9 50.2	62.4 -20.7 54.6	66.5 -28.6 59.0	70.6 -36.4 63.3	36.7 40.9 31.6	42.0 31.4 36.7
11	29.3 25.7 11.6	35.2 16.3 12.6	40.5 6.9 17.8	45.8 -2.5 22.9	49.9 -10.3 27.3	54.0 -18.2 31.7	58.1 -26.0 36.0	62.2 -33.9 40.4	66.3 -41.7 44.8	33.0 33.9 17.9	38.9 24.5 18.9	44.2 15.1 24.1	49.5 5.6 29.3	54.8 -3.8 34.4	58.9 -11.6 38.8	63.0 -19.5 43.1	67.2 -27.3 47.5	71.3 -35.2 51.9	36.7 42.1 24.2	42.7 32.7 25.3
12	29.3 27.0 4.2	35.2 17.6 5.3	41.1 8.2 6.3	46.4 -1.2 11.5	50.5 -9.0 15.8	54.6 -16.9 20.2	58.7 -24.7 24.6	62.9 -32.6 28.9	67.0 -40.5 33.3	33.0 35.2 10.5	38.9 25.8 11.6	44.8 16.3 12.6	50.1 6.9 17.8	55.5 -2.5 22.9	59.6 -10.3 27.3	63.7 -18.2 31.7	67.8 -26.0 36.0	71.9 -33.9 40.4	36.8 43.3 16.9	42.7 33.9 17.9
13	29.3 28.2 -3.0	35.2 18.8 -2.0	41.1 9.4 -0.9	47.0 0.0 0.0	51.1 -7.8 4.4	55.3 -15.6 8.7	59.4 -23.5 13.1	63.5 -31.3 17.5	67.6 -39.2 21.8	33.1 36.4 3.2	39.0 27.0 4.2	44.9 17.6 5.3	50.8 8.2 6.3	56.1 -1.2 11.5	60.2 -9.0 15.8	64.3 -16.9 20.2	68.4 -24.7 24.6	72.5 -32.6 28.9	36.8 44.6 9.5	42.7 35.2 10.5
14	30.3 32.1 -8.6	36.2 22.7 -7.5	42.1 13.3 -6.5	48.0 3.9 -5.5	52.1 -3.7 -5.5	56.2 -11.5 -1.2	60.3 -19.4 3.1	64.4 -27.3 7.5	68.6 -35.1 11.8	33.1 37.6 -4.1	39.0 28.2 -3.0	44.9 18.8 -2.0	50.8 9.4 -0.9	56.7 0.0 0.0	60.8 -7.8 4.4	64.9 -15.6 8.7	69.0 -23.5 13.1	73.2 -31.3 17.5	36.8 45.8 2.1	42.7 36.4 3.2
15	31.2 36.0 -14.1	37.1 26.6 -13.1	43.1 17.2 -12.0	49.0 7.8 -11.0	53.1 0.1 -11.1	57.2 -7.5 -11.2	61.3 -15.3 -6.8	65.4 -23.2 -2.4	69.5 -31.0 1.8	34.0 41.5 -9.6	39.9 32.1 -8.6	45.9 22.7 -7.5	51.8 13.3 -6.5	57.7 3.9 -5.5	61.8 -3.7 -5.5	65.9 -11.5 -1.2	70.0 -19.4 3.1	74.1 -27.3 7.5	36.8 47.0 -5.1	42.7 37.6 -4.1
16	32.2 39.9 -19.7	38.1 30.5 -18.6	44.0 21.1 -17.6	49.9 11.7 -16.6	54.0 4.0 -16.6	58.2 -3.6 -16.7	62.3 -11.3 -16.8	66.4 -19.1 -12.4	70.5 -27.0 -8.0	35.0 45.4 -15.2	40.9 36.0 -14.1	46.8 26.6 -13.1	52.7 17.2 -12.0	58.6 7.8 -11.0	62.8 0.1 -11.1	66.9 -7.5 -11.2	71.0 -15.3 -6.8	75.1 -23.2 -2.4	37.8 50.9 -10.7	43.7 41.5 -9.6
17	33.2 43.8 -25.2	39.1 34.4 -24.2	45.0 25.0 -23.2	50.9 15.5 -22.1	55.0 7.9 -22.2	59.1 0.2 -22.3	63.2 -7.4 -22.3	67.3 -15.1 -22.4	71.4 -22.9 -18.0	36.0 49.3 -20.7	41.9 39.9 -19.7	47.8 30.5 -18.6	53.7 21.1 -17.6	59.6 11.7 -16.6	63.7 4.0 -16.6	67.8 -3.6 -16.7	71.9 -11.3 -16.8	76.0 -19.1 -12.4	38.8 54.8 -16.2	44.7 45.4 -15.2
18	34.1 47.7 -30.8	40.0 38.3 -29.7	45.9 28.8 -28.7	51.9 19.4 -27.7	56.0 11.8 -27.7	60.1 4.1 -27.8	64.2 -3.5 -27.9	68.3 -11.2 -28.0	72.4 -18.9 -28.0	36.9 53.2 -26.3	42.8 43.8 -25.2	48.7 34.4 -24.2	54.7 25.0 -23.1	60.6 15.5 -22.1	64.7 7.9 -22.2	68.8 0.2 -22.3	72.9 -7.4 -22.3	77.0 -15.1 -22.4	39.7 58.7 -21.8	45.6 49.3 -20.7
19	40.5 49.0 37.9	45.8 39.6 43.0	51.1 30.1 48.2	56.4 20.7 53.3	61.7 11.2 58.5	67.0 1.8 63.6	72.3 -7.6 68.8	76.4 -15.5 73.2	80.5 -23.3 77.5	44.2 57.2 44.2	49.5 47.8 49.3	54.8 38.3 54.5	60.1 28.8 59.7	65.4 19.4 64.8	70.7 9.9 70.0	76.0 0.5 75.1	81.3 -8.9 80.3	85.4 -16.7 84.6	47.9 65.4 50.5	53.2 55.9 55.7
20	40.5 50.3 30.5	46.4 40.9 31.6	51.7 31.4 36.7	57.0 22.0 41.9	62.3 12.5 47.0	67.6 3.0 52.2	72.9 -6.3 57.3	77.0 -14.2 61.7	81.1 -22.0 66.1	44.2 58.4 36.8	50.1 49.0 37.9	55.4 39.6 43.0	60.7 30.1 48.2	66.0 20.7 53.4	71.3 11.2 58.5	76.7 1.8 63.7	82.0 -7.6 68.8	86.1 -15.4 73.2	48.0 66.6 43.2	53.9 57.2 44.2
21	40.5 51.5 23.2	46.4 42.1 24.2	52.3 32.7 25.3	57.6 23.2 30.4	62.9 13.8 35.6	68.2 4.3 40.7	73.5 -5.0 45.9	77.7 -12.9 50.2	81.8 -20.7 54.6	44.3 59.7 29.5	50.2 50.3 30.5	56.1 40.9 31.6	61.4 31.4 36.7	66.7 22.0 41.9	72.0 12.5 47.0	77.3 3.0 52.2	82.6 -6.3 57.3	86.7 -14.2 61.7	48.0 67.8 35.8	53.9 58.4 36.8
22	40.5 52.7 15.8	46.4 43.3 16.9	52.3 33.9 17.9	58.3 24.5 18.9	63.6 15.1 24.1	68.9 5.6 29.3	74.2 -3.8 34.4	78.3 -11.6 38.8	82.4 -19.5 43.1	44.3 60.9 22.1	50.2 51.5 23.2	56.1 42.1 24.2	62.0 32.7 25.3	67.3 23.2 30.4	72.6 13.8 35.6	77.9 4.3 40.7	83.2 -5.0 45.9	87.3 -12.9 50.2	48.0 69.1 28.4	53.9 59.7 29.5
23	40.6 54.0 8.4	46.5 44.6 9.5	52.4 35.2 10.5	58.3 25.8 11.6	64.2 16.3 12.6	69.5 6.9 17.8	74.8 -2.5 22.9	78.9 -10.3 27.3	83.0 -18.2 31.7	44.3 62.2 14.8	50.2 52.7 15.8	56.1 43.3 16.9	62.0 33.9 17.9	67.9 24.5 18.9	73.2 15.1 24.1	78.5 5.6 29.3	83.8 -3.8 34.4	88.0 -11.6 38.8	48.0 70.3 21.1	53.9 60.9 22.1
24	40.6 55.2 1.1	46.5 45.8 2.1	52.4 36.4 3.2	58.3 27.0 4.2	64.2 17.6 5.3	70.1 8.2 6.3	75.4 -1.2 11.5	79.5 -9.0 15.8	83.6 -16.9 20.2	44.3 63.4 7.4	50.2 54.0 8.4	56.1 44.6 9.5	62.0 35.2 10.5	68.0 25.8 11.6	73.9 16.3 12.6	79.2 6.9 17.8	84.5 -2.5 22.9	88.6 -10.3 27.3	48.1 71.6 13.7	54.0 62.2 14.8
25	40.6 56.5 -6.2	46.5 47.0 -5.1	52.4 37.6 -4.1	58.3 28.2 -3.0	64.2 18.8 -2.0	70.2 9.4 -0.9	76.1 0.0 0.0	80.2 -7.8 4.4	84.3 -15.6 8.7	44.3 64.6 0.0	50.3 55.2 1.1	56.2 45.8 2.1	62.1 36.4 3.2	68.0 27.0 4.2	73.9 17.6 5.3	79.8 8.2 6.3	85.1 -1.2 11.5	89.2 -9.0 15.8	48.1 72.8 6.4	54.0 63.4 7.4
26	41.6 60.3 -11.7	47.5 50.9 -10.7	53.4 41.5 -9.6	59.3 32.1 -8.6	65.2 22.7 -7.5	71.1 13.3 -6.5	77.0 3.9 -5.5	81.1 -3.7 -5.5	85.2 -11.5 -1.2	44.4 65.9 -7.2	50.3 56.5 -6.2	56.2 47.0 -5.1	62.1 37.6 -4.1	68.0 28.2 -3.0	73.9 18.8 -2.0	79.8 9.4 -0.9	85.7 0.0 0.0	89.8 -7.7 4.4	48.1 74.0 -0.9	54.0 64.6 0.0
27	42.5 64.2 -17.3	48.4 54.8 -16.2	54.3 45.4 -15.2	60.3 36.0 -14.1	66.2 26.6 -13.1	72.1 17.2 -12.0	78.0 7.8 -11.0	82.1 0.1 -11.1	86.2 -7.5 -11.2	45.3 69.7 -12.8	51.2 60.3 -11.7	57.1 50.9 -10.7	63.1 41.5 -9.6	69.0 32.1 -8.6	74.9 22.7 -7.5	80.8 13.3 -6.5	86.7 3.9 -5.4	90.8 -3.7 -5.5	48.1 75.3 -8.3	54.0 65.9 -7.2

	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*a		
01	36.1 -2.5 22.9	40.2 -10.3 27.3	44.3 -18.2 31.7	48.4 -26.0 36.0	52.5 -33.9 40.4	56.7 -41.7 44.8	60.8 -49.6 49.1	95.4 0.0 0.0	89.5 8.2 6.3	83.5 16.3 12.6	77.6 24.5 18.9	71.7 32.7 25.3	65.7 40.9 31.6	59.8 49.0 37.9	53.9 57.2 44.2	47.9 65.4 50.5	18.0 0.0 0.0	18.0 0.0 0.0	18.0 0.0 0.0	18.0 0.0 0.0
02	36.7 -1.2 11.5	40.8 -9.0 15.8	45.0 -16.9 20.2	49.1 -24.7 24.6	53.2 -32.6 28.9	57.3 -40.5 33.3	61.4 -48.3 37.7	90.8 -3.7 -5.5	85.7 0.0 0.0	79.8 8.2 6.3	73.9 16.3 12.6	67.9 24.5 18.9	62.0 32.7 25.3	56.1 40.9 31.6	50.1 49.0 37.9	44.2 57.2 44.2	27.7 0.0 0.0	27.7 0.0 0.0	27.7 0.0 0.0	27.7 0.0 0.0
03	37.4 0.0 0.0	41.5 -7.8 4.4	45.6 -15.6 8.7	49.7 -23.5 13.1	53.8 -31.3 17.5	57.9 -39.2 21.8	62.0 -47.0 26.2	86.2 -7.5 -11.2	81.1 -3.7 -5.5	76.1 0.0 0.0	70.1 8.2 6.3	64.2 16.3 12.6	58.3 24.5 18.9	52.3 32.7 25.3	46.4 40.9 31.6	40.5 49.0 37.9	37.4 0.0 0.0	37.4 0.0 0.0	37.4 0.0 0.0	37.4 0.0 0.0
04	38.3 3.9 -5.5	42.4 -3.7 -5.5	46.5 -11.5 -1.2	50.7 -19.4 3.1	54.8 -27.3 7.5	58.9 -35.1 11.9	63.0 -43.0 16.2	81.6 -11.3 -16.8	76.5 -7.5 -11.2	71.5 -3.7 -5.5	66.4 0.0 0.0	60.5 8.2 6.3	54.5 16.3 12.6	48.6 24.5 18.9	42.7 32.7 25.3	36.7 40.9 31.6	47.0 0.0 0.0	47.0 0.0 0.0	47.0 0.0 0.0	47.0 0.0 0.0
05	39.3 7.8 -11.0	43.4 0.1 -11.1	47.5 -7.5 -11.2	51.6 -15.3 -6.8	55.7 -23.2 -2.4	59.8 -31.1 1.9	64.0 -38.9 6.2	77.0 -15.1 -22.4	71.9 -11.3 -16.8	66.9 -7.5 -11.2	61.8 -3.7 -5.5	56.7 0.0 0.0	50.8 8.2 6.3	44.8 16.3 12.6	38.9 24.5 18.9	33.0 32.7 25.3	56.7 0.0 0.0	56.7 0.0 0.0	56.7 0.0 0.0	56.7 0.0 0.0
06	40.3 11.7 -16.6	44.4 4.0 -16.6	48.5 -3.6 -16.7	52.6 -11.3 -16.8	56.7 -19.1 -12.4	60.8 -27.0 -8.0	64.9 -34.8 -3.7	72.4 -18.9 -28.0	67.3 -15.1 -22.4	62.3 -11.3 -16.8	57.2 -7.5 -11.2	52.1 -3.7 -5.5	47.0 0.0 0.0	41.1 8.2 6.3	35.2 16.3 12.6	29.2 24.5 18.9	66.4 0.0 0.0	66.4 0.0 0.0	66.4 0.0 0.0	66.4 0.0 0.0
07	41.2 15.5 -22.1	45.3 7.9 -22.2	49.4 0.2 -22.3	53.6 -7.4 -22.3	57.7 -15.1 -22.4	61.8 -22.9 -18.0	65.9 -30.8 -13.7	67.8 -22.7 -33.7	62.7 -18.9 -28.0	57.7 -15.1 -22.4	52.6 -11.3 -16.8	47.5 -7.5 -11.2	42.4 -3.7 -5.5	37.4 0.0 0.0	31.4 8.2 6.3	25.5 16.3 12.6	76.1 0.0 0.0	76.1 0.0 0.0	76.1 0.0 0.0	76.1 0.0 0.0
08	42.2 19.4 -27.7	46.3 11.8 -27.7	50.4 4.1 -27.8	54.5 -3.5 -27.9	58.6 -11.2 -28.0	62.7 -18.9 -28.0	66.8 -26.7 -23.7	63.2 -26.5 -39.3	58.1 -22.7 -33.7	53.1 -18.9 -28.0	48.0 -15.1 -22.4	42.9 -11.3 -16.8	37.8 -7.5 -11.2	32.8 -3.7 -5.5	27.7 0.0 0.0	21.8 8.2 6.3	85.7 0.0 0.0	85.7 0.0 0.0	85.7 0.0 0.0	85.7 0.0 0.0
09	43.1 23.3 -33.2	47.3 15.6 -33.3	51.4 8.0 -33.4	55.5 0.3 -33.4	59.6 -7.3 -33.5	63.7 -15.0 -33.6	67.8 -22.7 -33.7	58.6 -30.2 -44.9	53.5 -26.5 -39.3	48.5 -22.7 -33.7	43.4 -18.9 -28.0	38.3 -15.1 -22.4	33.2 -11.3 -16.8	28.2 -7.5 -11.2	23.1 -3.7 -5.5	18.0 0.0 0.0	95.4 0.0 0.0	95.4 0.0 0.0	95.4 0.0 0.0	95.4 0.0 0.0
10	47.3 22.0 41.9	52.6 12.5 47.0	57.9 3.0 52.2	63.2 -6.3 57.3	67.3 -14.2 61.7	71.5 -22.0 66.1	75.6 -29.9 70.4	95.4 0.0 0.0	94.8 -1.2 11.5	94.1 -2.5 22.9	93.5 -3.7 34.4	92.9 -5.0 45.9	92.3 -6.3 57.3	91.6 -7.6 68.8	91.0 -8.9 80.3	90.4 -10.2 91.7	18.0 0.0 0.0	18.0 0.0 0.0	18.0 0.0 0.0	18.0 0.0 0.0
11	48.0 23.2 30.4	53.3 13.8 35.6	58.6 4.3 40.7	63.9 -5.0 45.9	68.0 -12.9 50.2	72.1 -20.7 54.6	76.2 -28.6 59.0	86.7 3.9 -5.4	85.7 0.0 0.0	85.1 -1.2 11.5	84.5 -2.5 22.9	83.8 -3.8 34.4	83.2 -5.0 45.9	82.6 -6.3 57.3	82.0 -7.6 68.8	81.3 -8.9 80.3	23.2 0.0 0.0	23.2 0.0 0.0	23.2 0.0 0.0	23.2 0.0 0.0
12	48.6 24.5 18.9	53.9 15.1 24.1	59.2 5.6 29.3	64.5 -3.8 34.4	68.6 -11.6 38.8	72.7 -19.5 43.1	76.8 -27.3 47.5	78.0 7.8 -11.0	77.0 3.9 -5.5	76.1 0.0 0.0	75.4 -1.2 11.5	74.8 -2.5 22.9	74.2 -3.8 34.4	73.5 -5.0 45.9	72.9 -6.3 57.3	72.3 -7.6 68.8	28.3 0.0 0.0	28.3 0.0 0.0	28.3 0.0 0.0	28.3 0.0 0.0
13	48.6 25.8 11.6	54.5 16.3 12.6	59.8 6.9 17.8	65.1 -2.5 22.9	69.2 -10.3 27.3	73.3 -18.2 31.7	77.5 -26.0 36.0	69.3 11.7 -16.5	68.3 7.8 -11.0	67.3 3.9 -5.5	66.4 0.0 0.0	65.8 -1.2 11.5	65.1 -2.5 22.9	64.5 -3.8 34.4	63.9 -5.0 45.9	63.2 -6.3 57.3	33.5 0.0 0.0	33.5 0.0 0.0	33.5 0.0 0.0	33.5 0.0 0.0
14	48.6 27.0 4.2	54.5 17.6 5.3	60.5 8.2 6.3	65.8 -1.2 11.5	69.9 -9.0 15.8	74.0 -16.9 20.2	78.1 -24.7 24.6	60.6 15.5 -22.1	59.6 11.7 -16.6	58.6 7.8 -11.0	57.7 3.9 -5.5	56.7 0.0 0.0	56.1 -1.2 11.5	55.5 -2.5 22.9	54.8 -3.8 34.4	54.2 -5.0 45.9	38.7 0.0 0.0	38.7 0.0 0.0	38.7 0.0 0.0	38.7 0.0 0.0
15	48.7 28.2 -3.0	54.6 18.8 -2.0	60.5 9.4 -0.9	66.4 0.0 0.0	70.5 -7.8 4.4	74.6 -15.6 8.7	78.7 -23.5 13.1	51.9 19.4 -27.7	50.9 15.5 -22.1	49.9 11.7 -16.6	49.0 7.8 -11.0	48.0 3.9 -5.5	47.0 0.0 0.0	46.4 -1.2 11.5	45.8 -2.5 22.9	45.1 -3.7 34.4	43.8 0.0 0.0	43.8 0.0 0.0	43.8 0.0 0.0	43.8 0.0 0.0
16	49.6 32.1 -8.6	55.5 22.7 -7.5	61.4 13.3 -6.5	67.3 3.9 -5.5	71.5 -3.7 -5.5	75.6 -11.5 -1.2	79.7 -19.4 3.1	43.1 23.3 -33.2	42.2 19.4 -27.7	41.2 15.5 -22.1	40.3 11.7 -16.6	39.3 7.8 -11.0	38.3 3.9 -5.5	37.4 0.0 0.0	36.7 -1.2 11.5	36.1 -2.5 22.9	49.0 0.0 0.0	49.0 0.0 0.0	49.0 0.0 0.0	49.0 0.0 0.0
17	50.6 36.0 -14.1	56.5 26.6 -13.1	62.4 17.2 -12.0	68.3 7.8 -11.0	72.4 0.1 -11.1	76.5 -7.5 -11.2	80.6 -15.3 -6.8	34.4 27.2 -38.8	33.5 23.3 -33.2	32.5 19.4 -27.7	31.5 15.5 -22.1	30.6 11.7 -16.6	29.6 7.8 -11.0	28.6 3.9 -5.5	27.7 0.0 0.0	27.1 -1.2 11.5	54.1 0.0 0.0	54.1 0.0 0.0	54.1 0.0 0.0	54.1 0.0 0.0
18	51.5 39.9 -19.7	57.5 30.5 -18.6	63.4 21.1 -17.6	69.3 11.7 -16.5	73.4 4.0 -16.6	77.5 -3.6 -16.7	81.6 -11.3 -16.8	25.7 31.1 -44.3	24.8 27.2 -38.8	23.8 23.3 -33.2	22.8 19.4 -27.7	21.9 15.5 -22.1	20.9 11.7 -16.5	19.9 7.8 -11.0	19.0 3.9 -5.4	18.0 0.0 0.0	59.3 0.0 0.0	59.3 0.0 0.0	59.3 0.0 0.0	59.3 0.0 0.0
19	58.5 46.5 60.8	63.8 37.0 66.0	69.2 27.6 71.1	74.5 18.1 76.3	79.8 8.6 81.4	85.1 -0.7 86.6	90.4 -10.2 91.7	95.4 0.0 0.0	89.8 -7.7 4.4	84.3 -15.6 8.7	78.7 -23.5 13.1	73.2 -31.3 17.5	67.6 -39.2 21.8	62.0 -47.0 26.2	56.5 -54.9 30.6	50.9 -62.7 35.0	64.5 0.0 0.0	64.5 0.0 0.0	64.5 0.0 0.0	64.5 0.0 0.0
20	59.2 47.7 49.4	64.5 38.3 54.5	69.8 28.8 59.7	75.1 19.4 64.8	80.4 9.9 70.0	85.7 0.5 75.1	91.0 -8.9 80.3	89.5 9.4 -0.9	85.7 0.0 0.0	80.2 -7.8 4.4	74.6 -15.6 8.7	69.0 -23.5 13.1	63.5 -31.3 17.5	57.9 -39.2 21.8	52.4 -47.0 26.2	46.8 -54.9 30.6	69.6 0.0 0.0	69.6 0.0 0.0	69.6 0.0 0.0	69.6 0.0 0.0
21	59.8 49.0 37.9	65.1 39.6 43.0	70.4 30.1 48.2	75.7 20.7 53.3	81.0 11.2 58.5	86.3 1.7 63.7	91.6 -7.6 68.8	83.6 18.8 -2.0	79.8 9.4 -0.9	76.1 0.0 0.0	70.5 -7.8 4.4	64.9 -15.6 8.7	59.4 -23.5 13.1	53.8 -31.3 17.5	48.2 -39.2 21.8	42.7 -47.0 26.2	74.8 0.0 0.0	74.8 0.0 0.0	74.8 0.0 0.0	74.8 0.0 0.0
22	59.8 50.3 30.5	65.7 40.9 31.6	71.0 31.4 36.7	76.3 21.9 41.9	81.6 12.5 47.0	87.0 3.0 52.2	92.3 -6.3 57.3	77.7 28.2 -3.0	73.9 18.8 -2.0	70.2 9.4 -0.9	66.4 0.0 0.0	60.8 -7.8 4.4	55.3 -15.6 8.7	49.7 -23.5 13.1	44.1 -31.3 17.5	38.6 -39.2 21.8	79.9 0.0 0.0	79.9 0.0 0.0	79.9 0.0 0.0	79.9 0.0 0.0
23	59.9 51.5 23.2	65.8 42.1 24.2	71.7 32.7 25.3	77.0 23.2 30.4	82.3 13.8 35.6	87.6 4.3 40.7	92.9 -5.0 45.9	71.8 37.6 -4.1	68.0 28.2 -3.0	64.2 18.8 -2.0	60.5 9.4 -0.9	56.7 0.0 0.0	51.1 -7.8 4.4	45.6 -15.6 8.7	40.0 -23.5 13.1	34.5 -31.3 17.5	85.1 0.0 0.0	85.1 0.0 0.0	85.1 0.0 0.0	85.1 0.0 0.0
24	59.9 52.7 15.8	65.8 43.3 16.8	71.7 33.9 17.9	77.6 24.5 18.9	82.9 15.1 24.1	88.2 5.6 29.2	93.5 -3.7 34.4	65.9 47.0 -5.1	62.1 37.6 -4.1	58.3 28.2 -3.0	54.6 18.8 -2.0	50.8 9.4 -0.9	47.0 0.0 0.0	41.5 -7.8 4.4	35.9 -15.6 8.7	30.3 -23.5 13.1	90.3 0.0 0.0	90.3 0.0 0.0	90.3 0.0 0.0	90.3 0.0 0.0
25	59.9 54.0 8.4	65.8 44.6 9.5	71.7 35.2 10.5	77.6 25.7 11.6	83.5 16.3 12.6	88.8 6.9 17.8	94.1 -2.5 22.9	59.9 56.5 -6.2	56.2 47.0 -5.1	52.4 37.6 -4.1	48.7 28.2 -3.0	44.9 18.8 -2.0	41.1 9.4 -0.9	37.4 0.0 0.0	31.8 -7.8 4.4	26.2 -15.6 8.7	95.4 0.0 0.0	95.4 0.0 0.0	95.4 0.0 0.0	95.4 0.0 0.0
26	59.9 55.2 1.1	65.8 45.8 2.1	71.7 36.4 3.2	77.7 27.0 4.2	83.6 17.6 5.3	89.5 8.2 6.3	94.8 -1.2 11.5	54.0 65.9 -7.2	50.3 56.5 -6.2	46.5 47.0 -5.1	42.7 37.6 -4.1	39.0 28.2 -3.0	35.2 18.8 -2.0	31.5 9.4 -0.9	27.7 0.0 0.0	22.1 -7.7 4.4	18.0 0.0 0.0	47.9 65.4 50.5	90.4 -10.2 91.7	50.9 -62.7 35.0
27	59.9 56.5 -6.2	65.9 47.0 -5.1	71.8 37.6 -4.1	77.7 28.2 -3.0	83.6 18.8 -2.0	89.5 9.4 -0.9	95.4 0.0 0.0	48.1 75.3 -8.3	44.4 65.9 -7.2	40.6 56.5 -6.2	36.8 47.0 -5.1	33.1 37.6 -4.1	29.3 28.2 -3.0	25.5 18.8 -2.0	21.8 9.4 -0.9	18.0 0.0 0.0	95.4 0.0 0.0	58.6 -30.2 -44.9	25.7 31.1 -44.3	48.1 75.3 -8.3

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u** = 16 hues *r00j, r25j, ..., b75r
contrast reduction factor:
$c_R = 1.0$

ORS18_95aM; adapted (a) CIELAB data

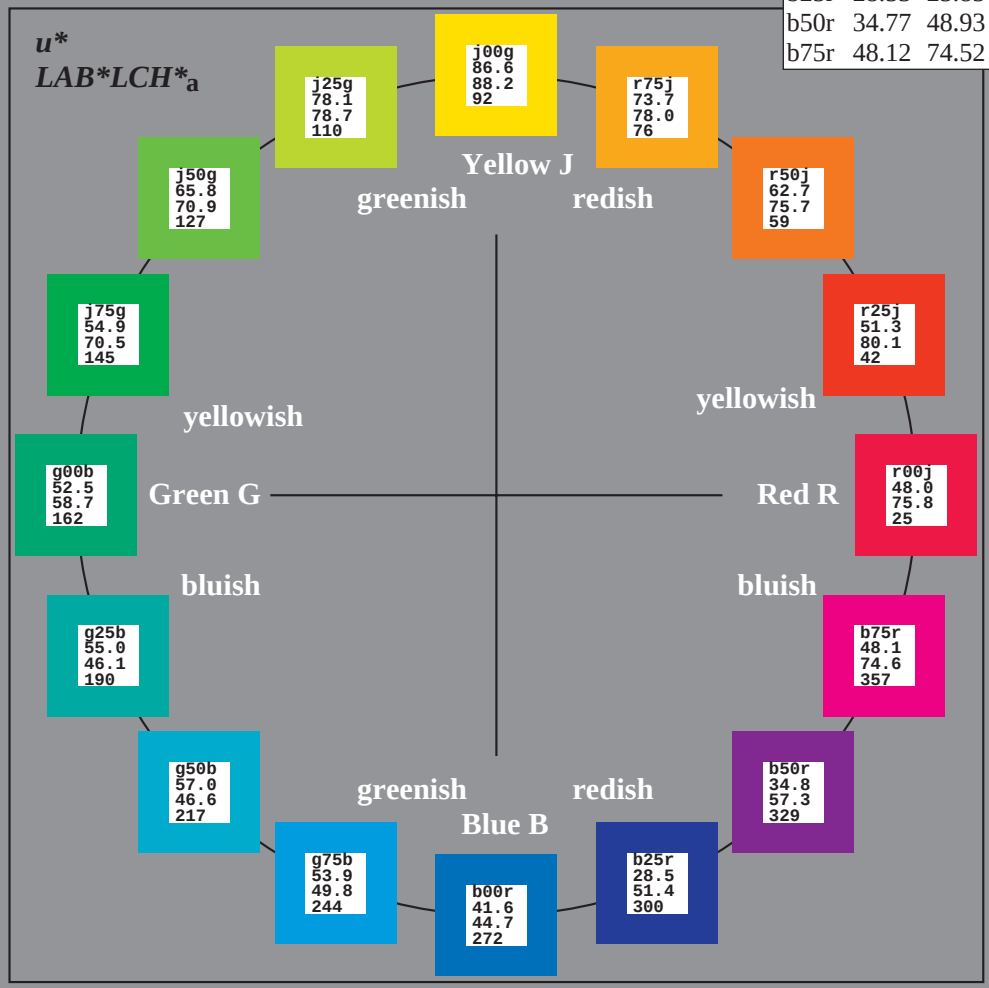
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

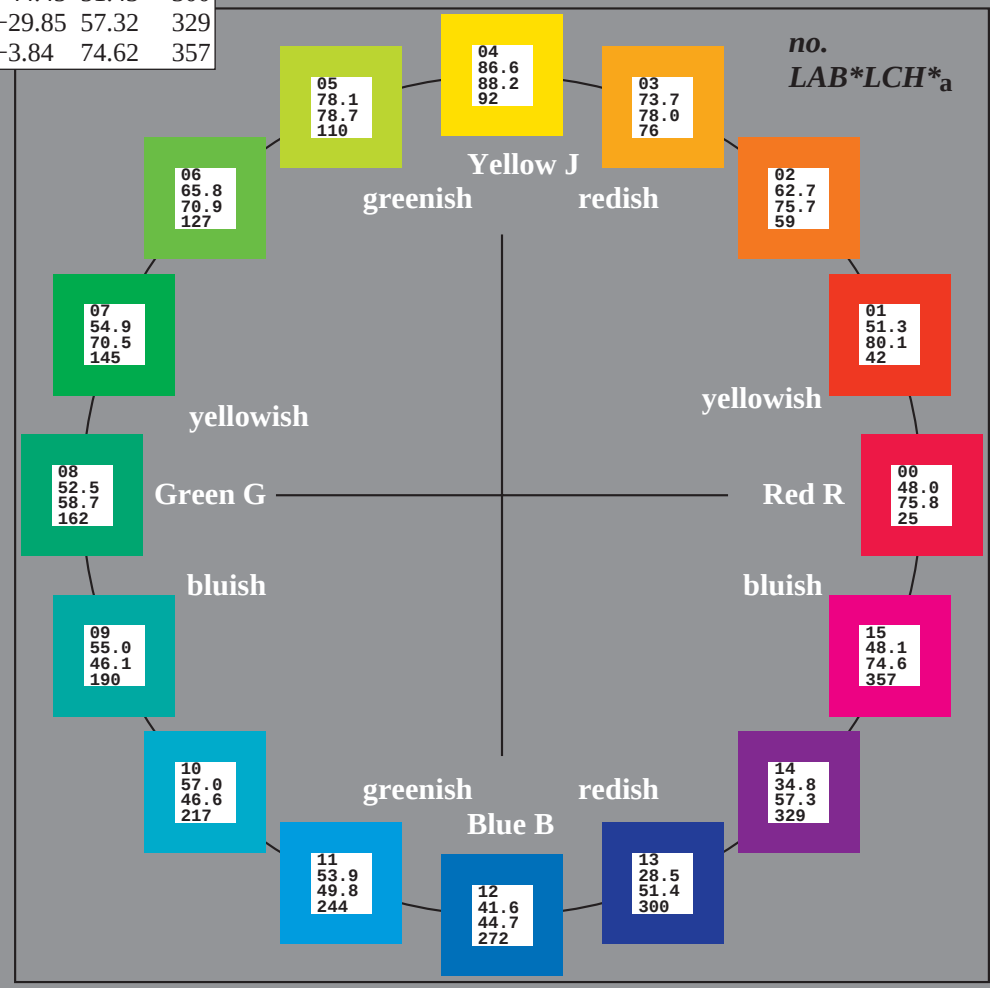


%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

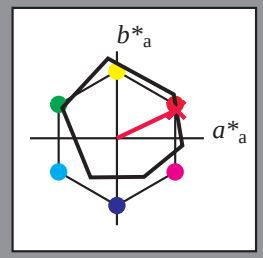




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

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

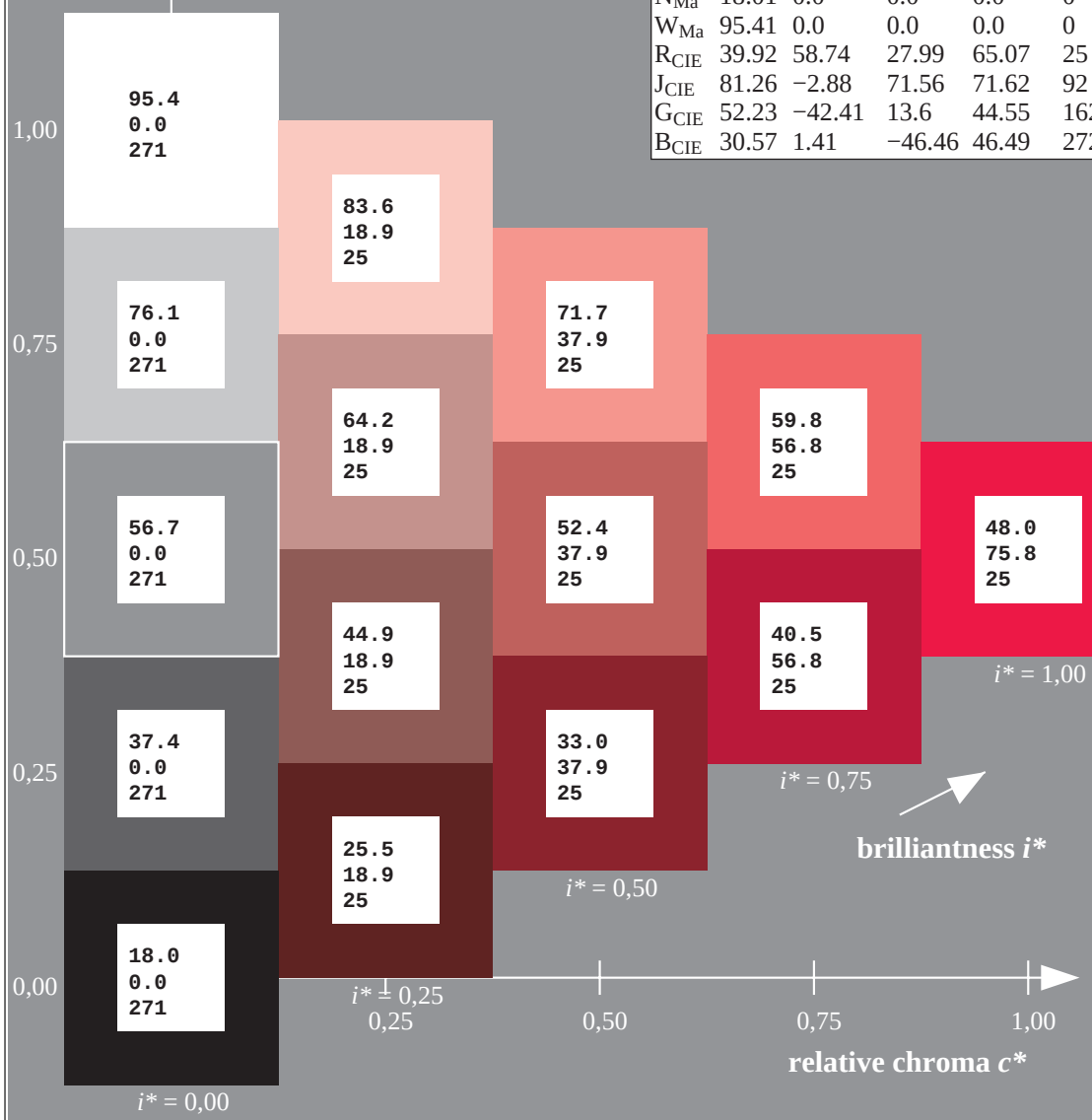
data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r00j$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

triangle lightness t^*



Data for maximum colour (Ma):

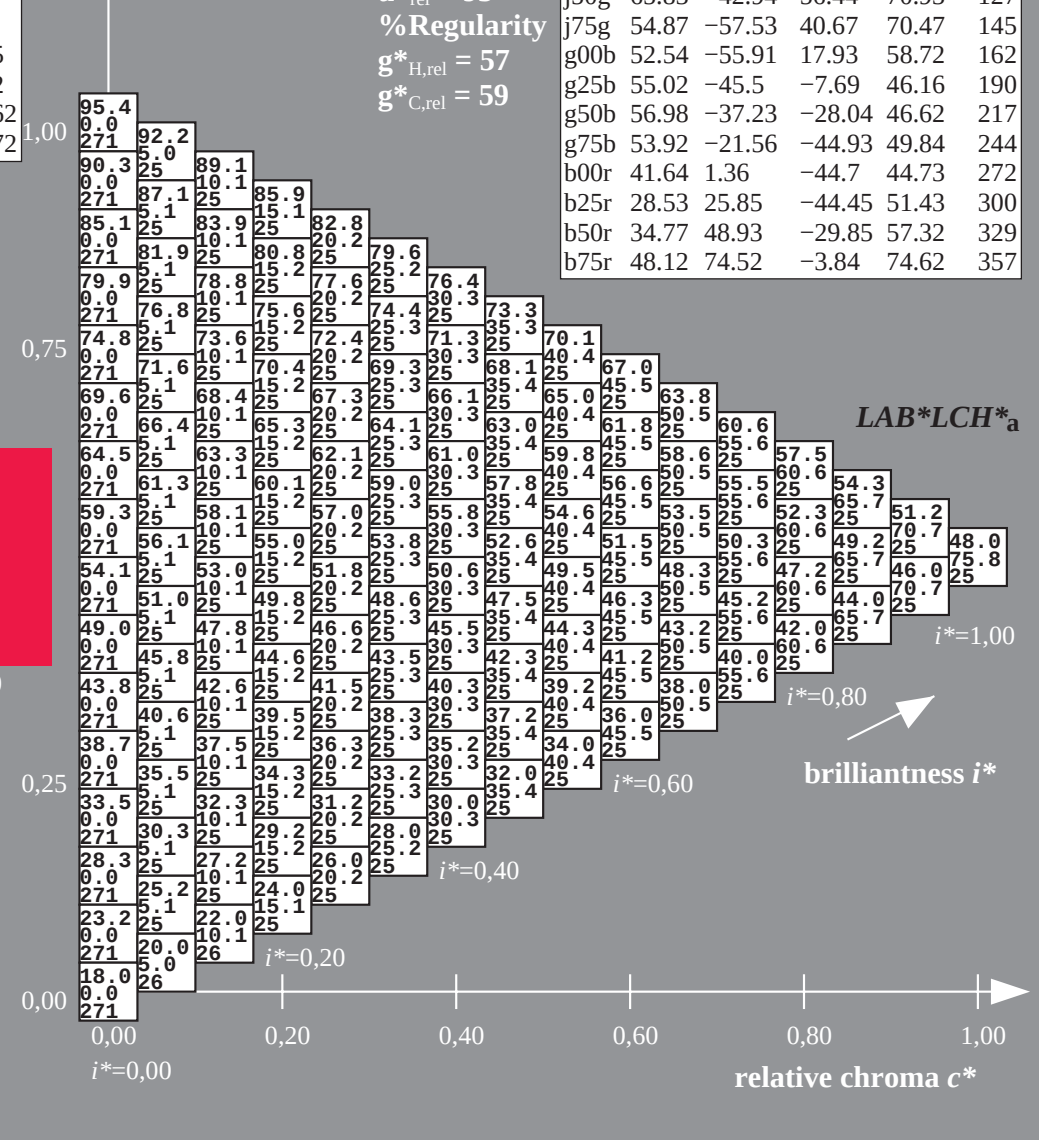
***LAB*LAB**$_{Ma}$: 48 68 33**
***LAB*LCH**$_{Ma}$: 48 76 25**
***lab*rgb**$_{Ma}$: 1.0 0.0 0.0**
***lab*olv**$_{Ma}$: 1.0 0.0 0.3**

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*

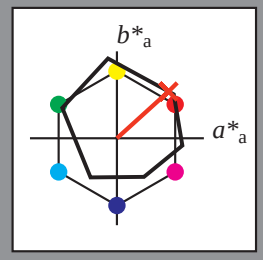
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Data for maximum colour (Ma):

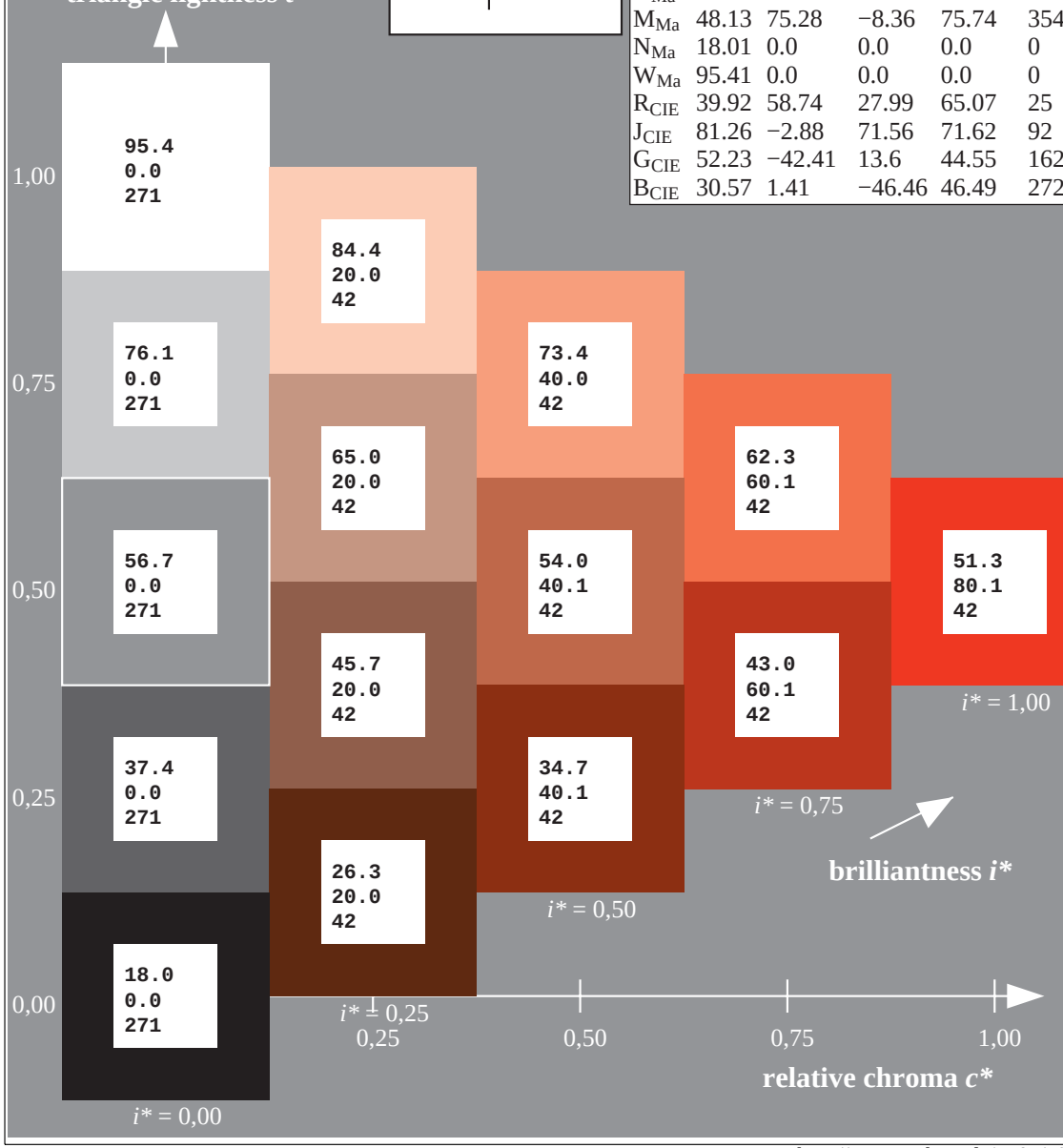
***LAB*LAB**$_{Ma}$: 51 59 54**
***LAB*LCH**$_{Ma}$: 51 80 42**
***lab*rgb**$_{Ma}$: 1.0 0.25 0.0**
***lab*olv**$_{Ma}$: 1.0 0.08 0.0**

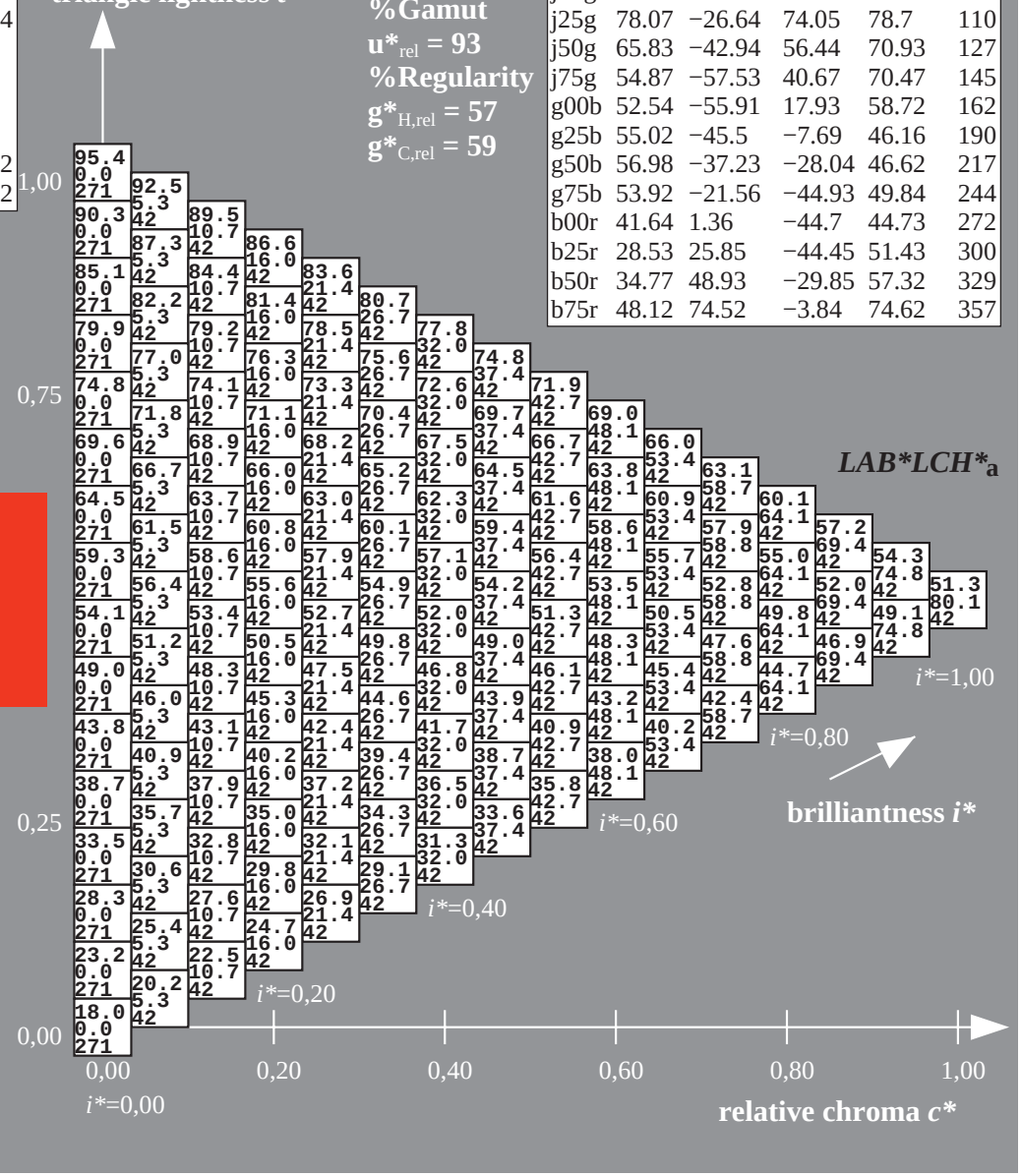
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

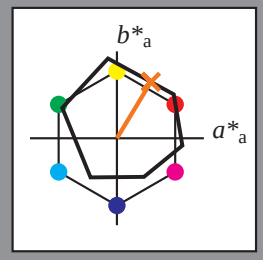




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data

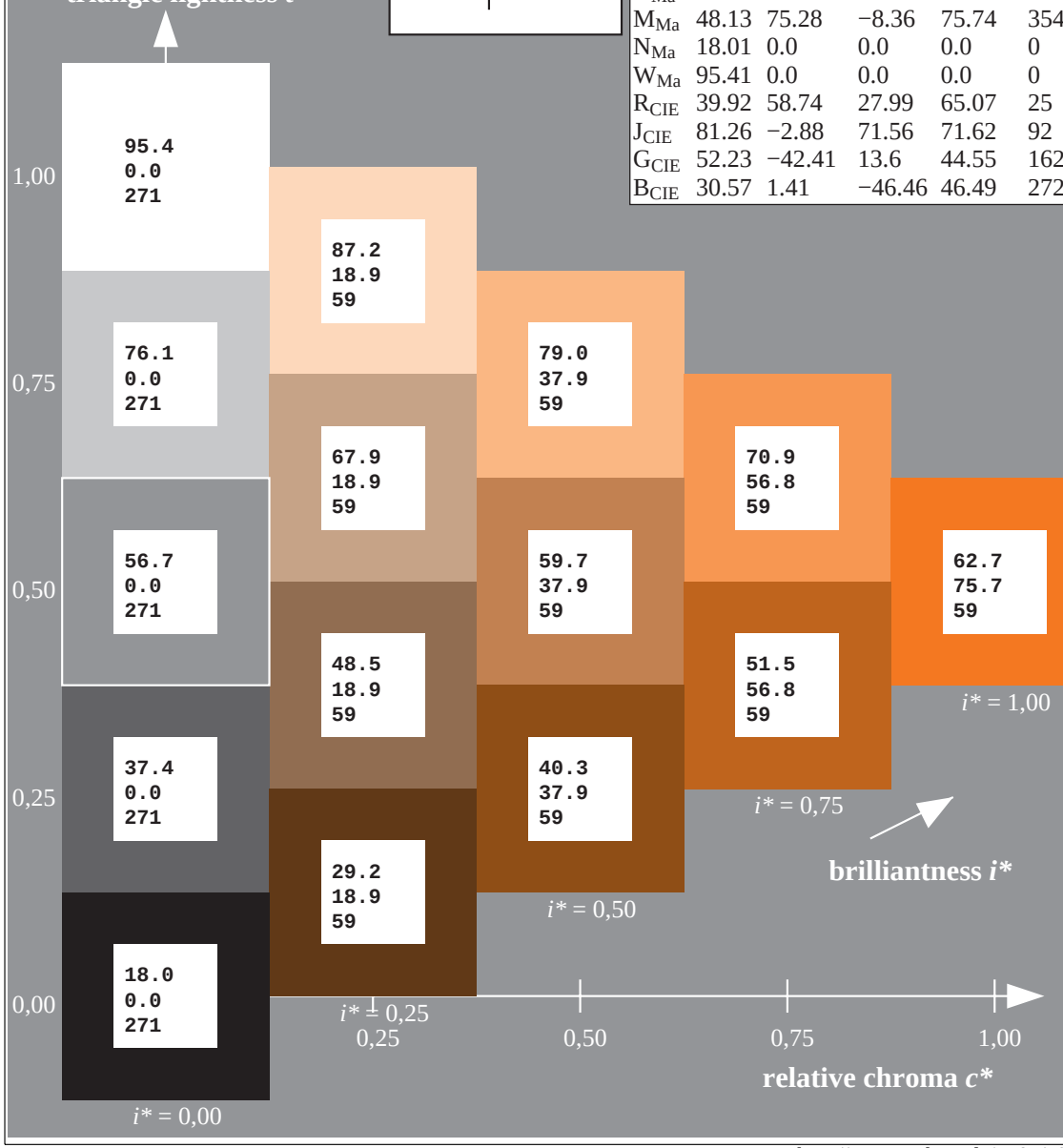
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

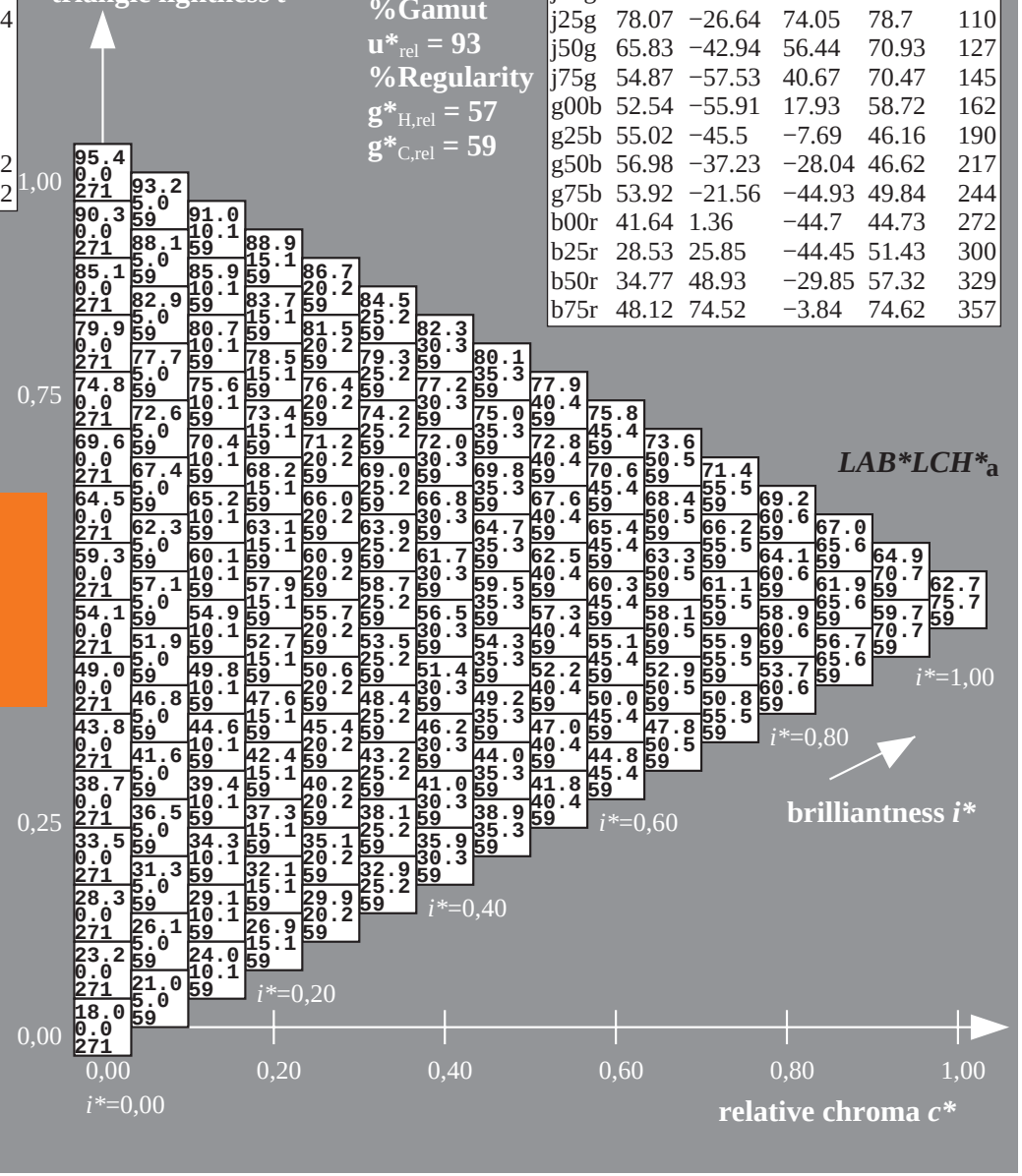
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 63 39 65**
***LAB*LCH**$_{Ma}$: 63 76 59**
***lab*rgb**$_{Ma}$: 1.0 0.5 0.0**
***lab*olv**$_{Ma}$: 1.0 0.35 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

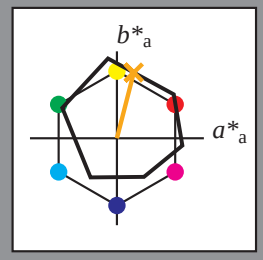




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$

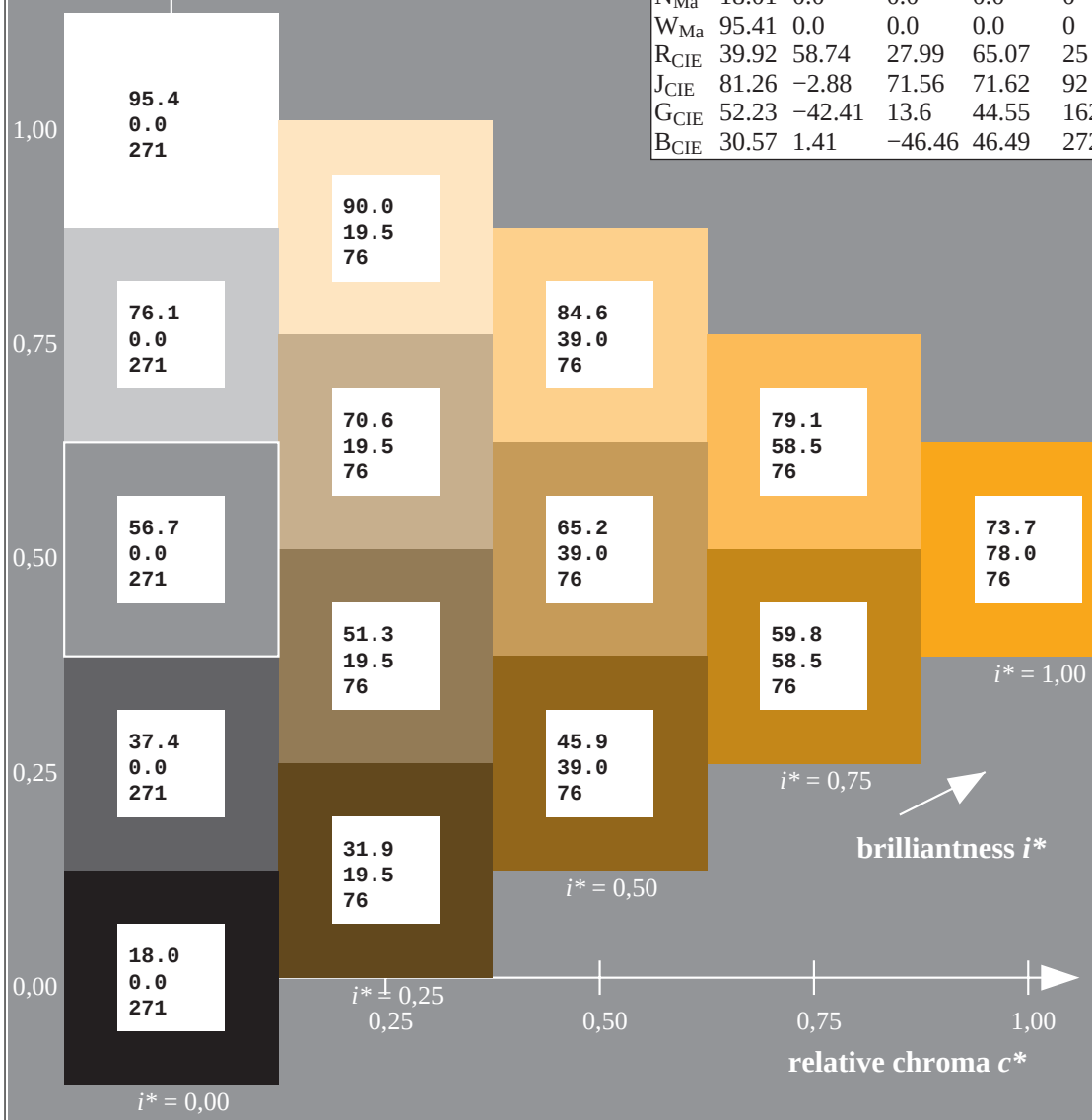


ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 76**
***LAB*LCH**$_{Ma}$: 74 78 76**
***lab*rgb**$_{Ma}$: 1.0 0.75 0.0**
***lab*olv**$_{Ma}$: 1.0 0.61 0.0**

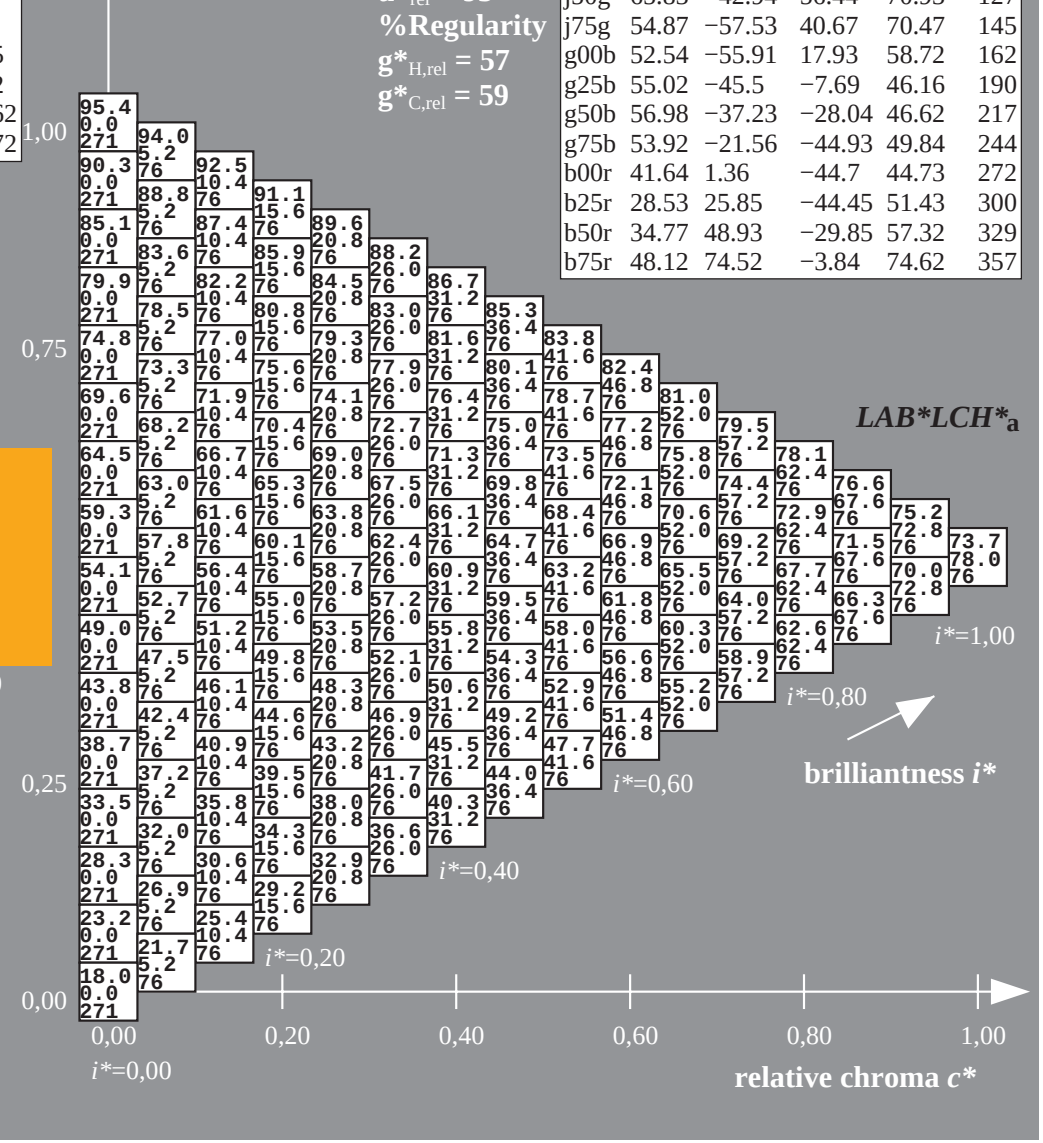
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

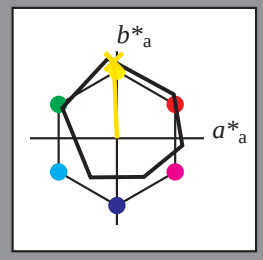
triangle lightness t^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = j00g
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

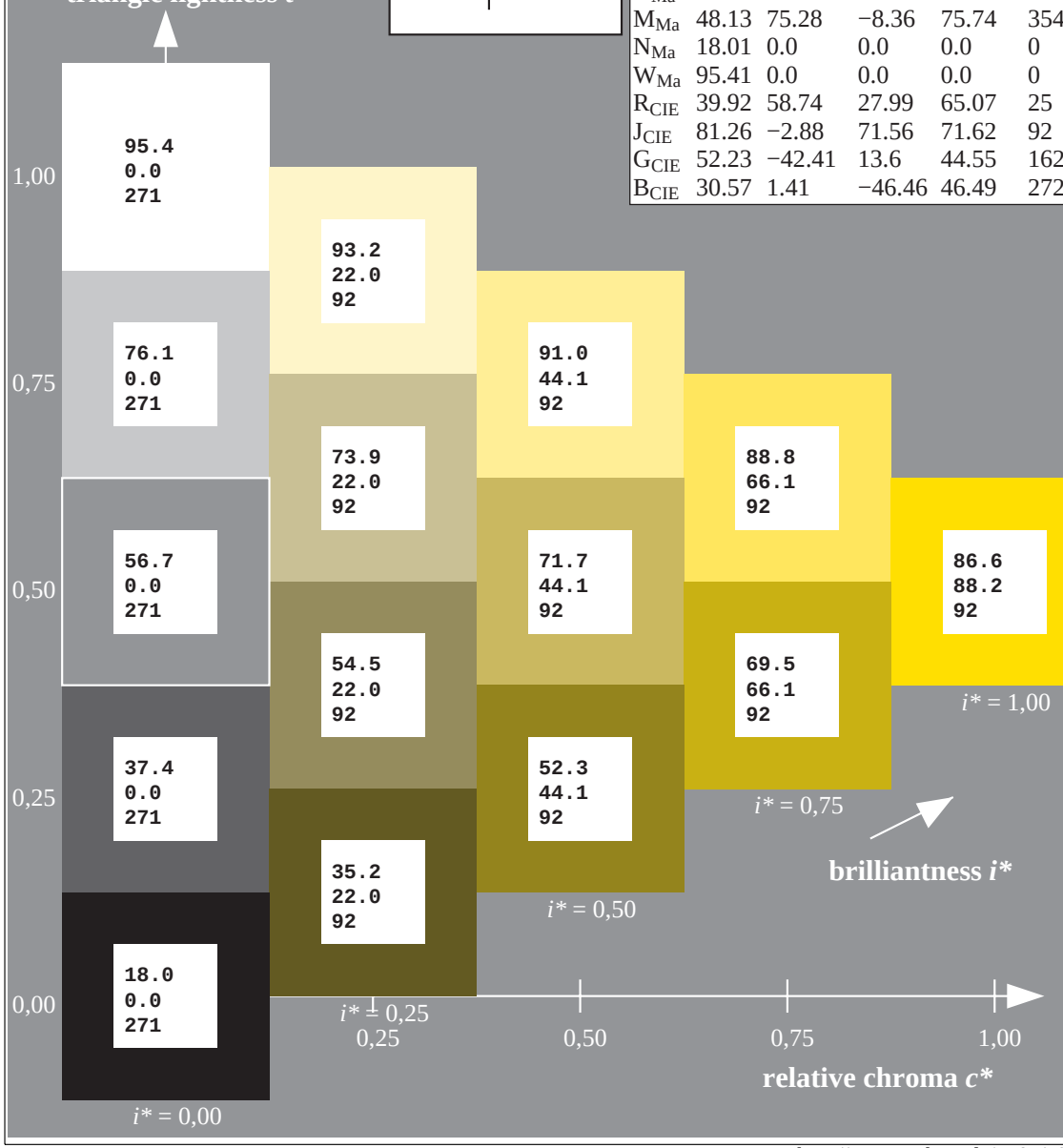
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

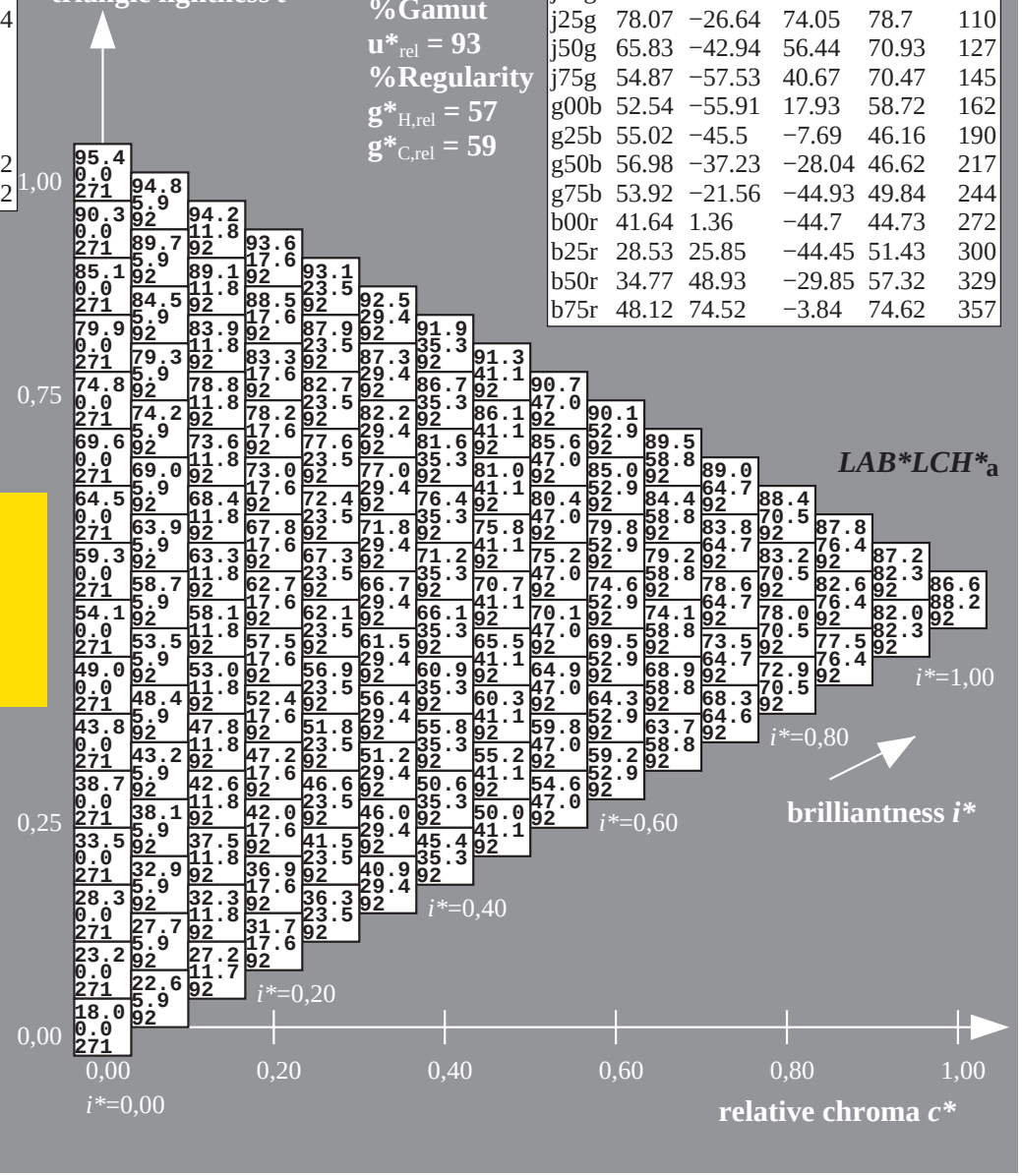
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 87 −3 88**
***LAB*LCH**$_{Ma}$: 87 88 92**
***lab*rgb**$_{Ma}$: 1.0 1.0 0.0**
***lab*olv**$_{Ma}$: 1.0 0.91 0.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

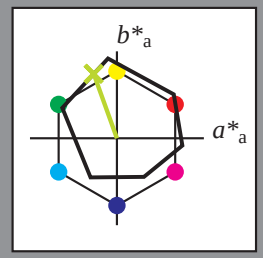




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

$u^* = j25g$
$LAB^*LCH^*_a$

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = j25g
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Data for maximum colour (Ma):

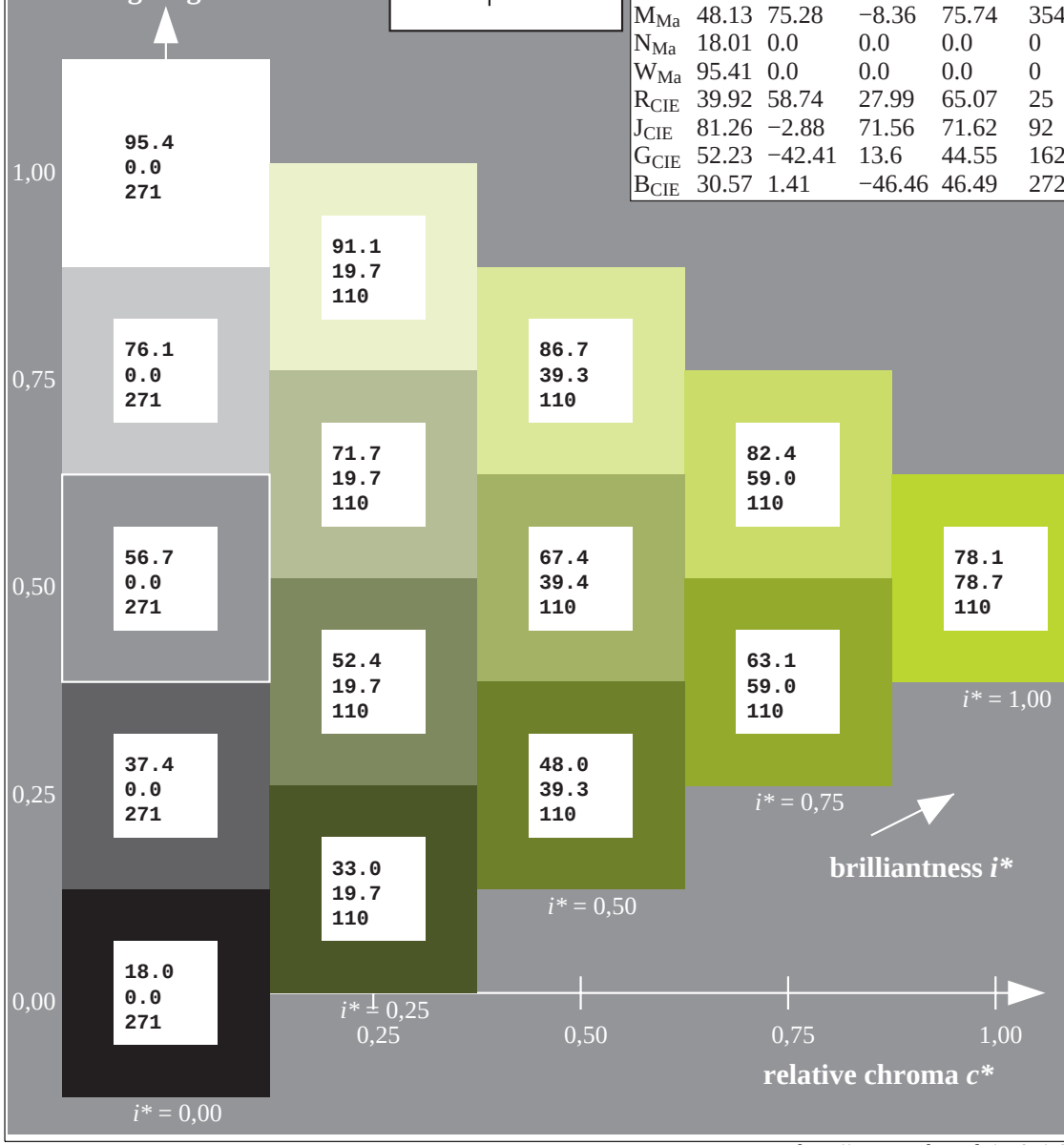
***LAB*LAB**$_{Ma}$: 78 −26 74**
***LAB*LCH**$_{Ma}$: 78 79 110**
***lab*rgb**$_{Ma}$: 0.75 1.0 0.0**
***lab*olv**$_{Ma}$: 0.69 1.0 0.0**

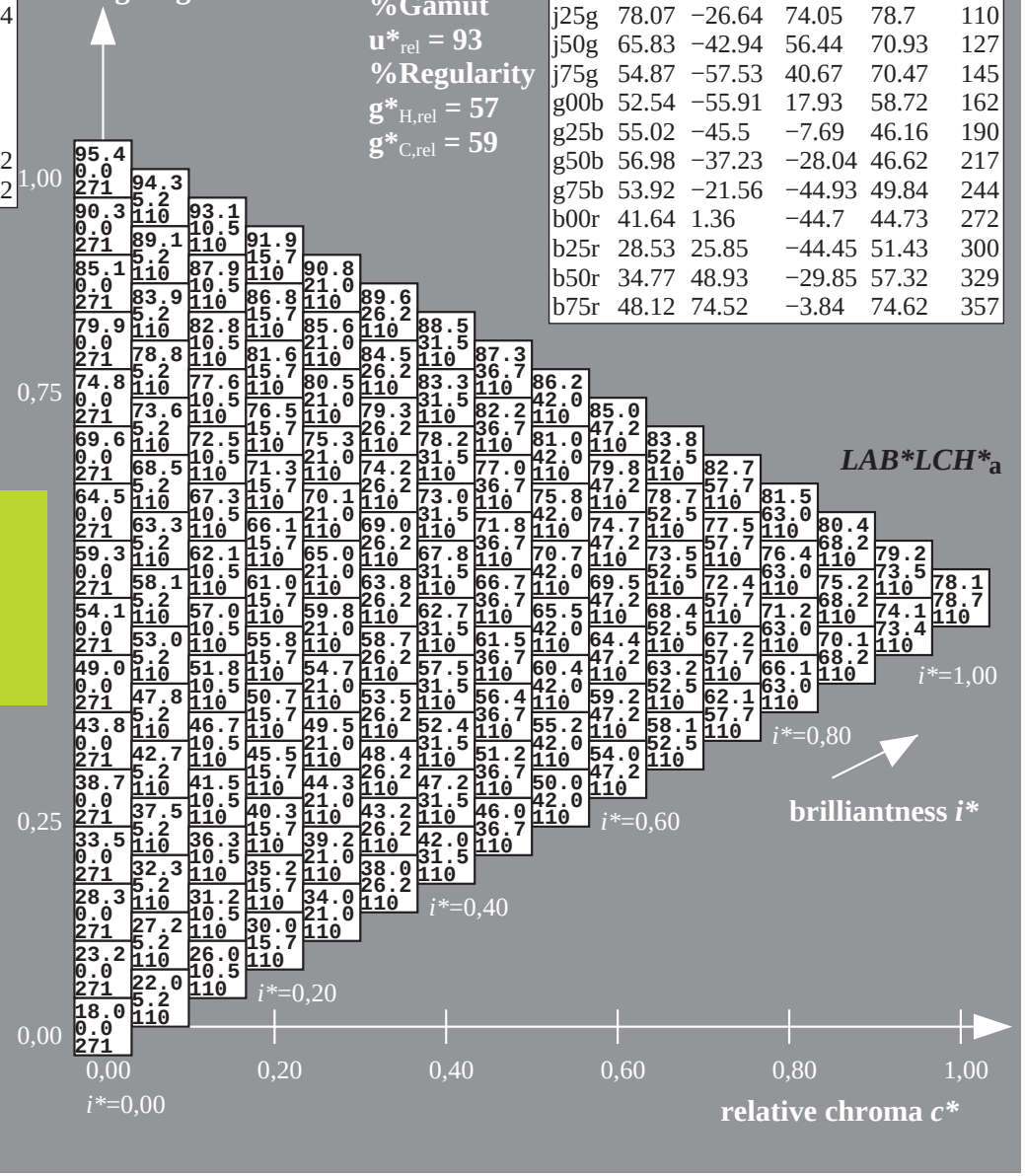
ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

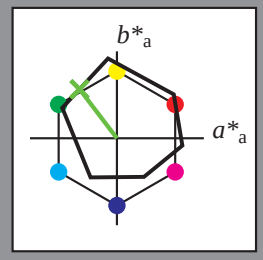




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

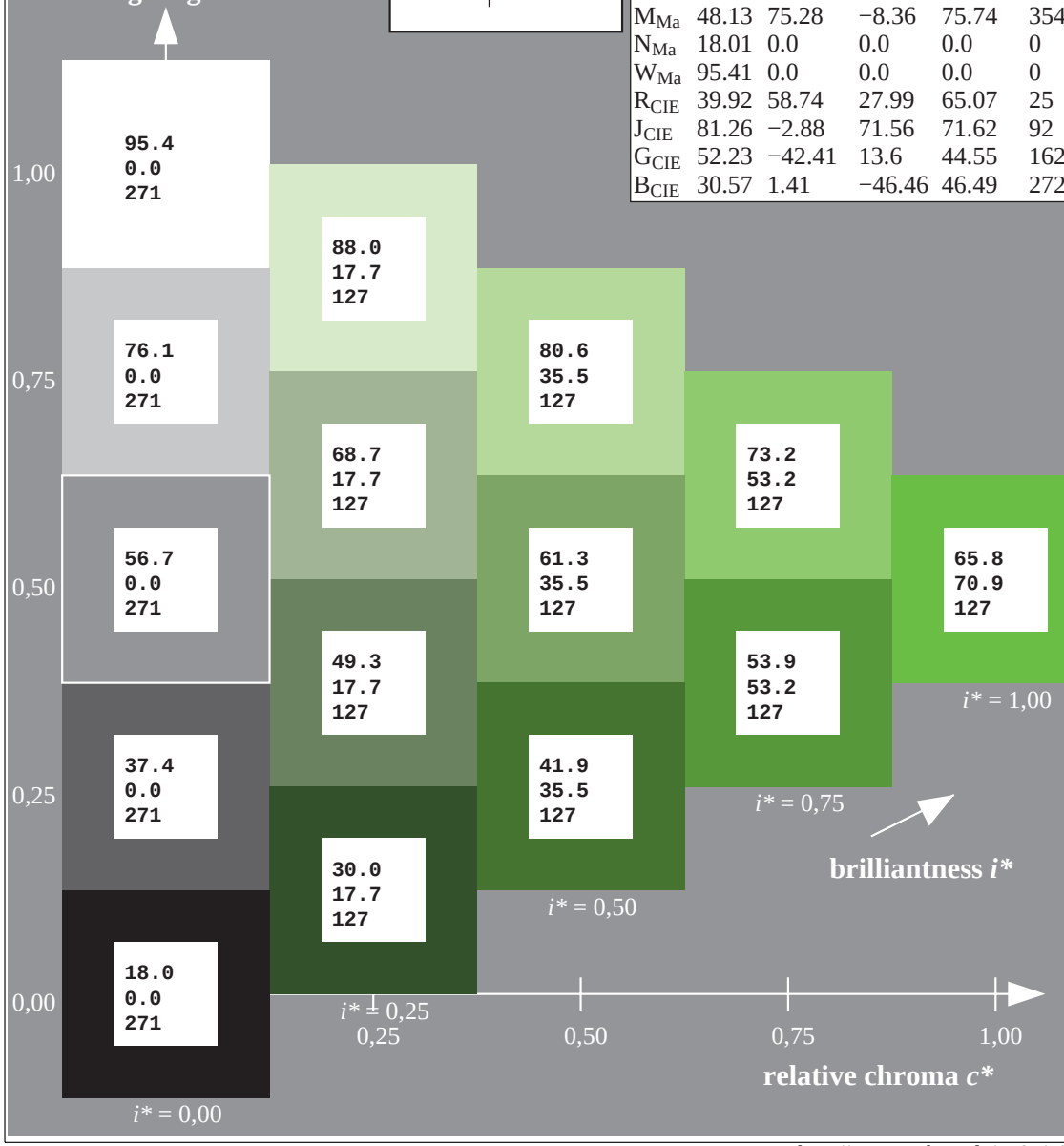


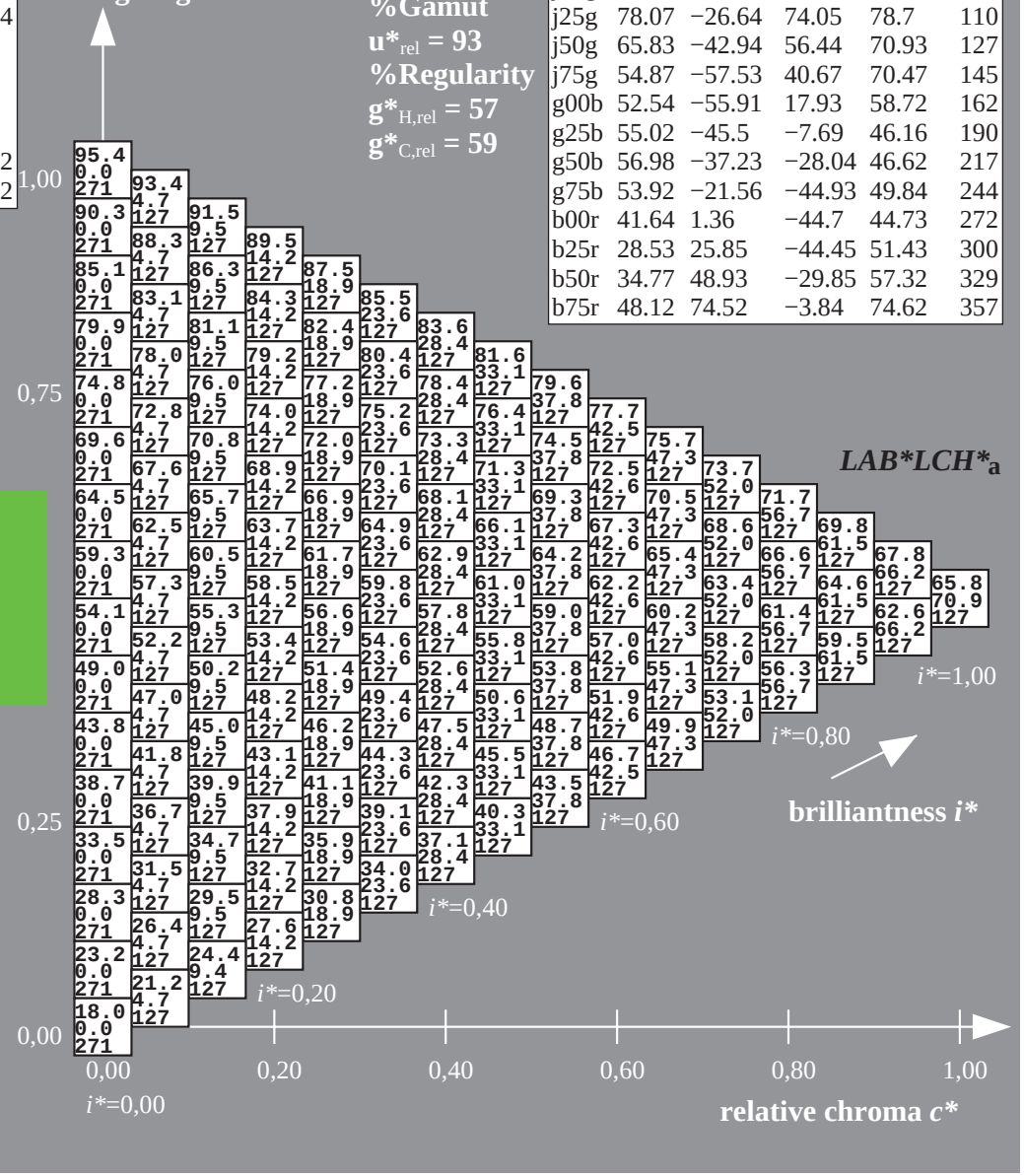
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −42 56**
***LAB*LCH**$_{Ma}$: 66 71 127**
***lab*rgb**$_{Ma}$: 0.5 1.0 0.0**
***lab*olv**$_{Ma}$: 0.38 1.0 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

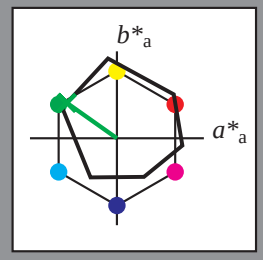




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

$u^* = j75g$
$LAB^*LCH^*_a$

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$

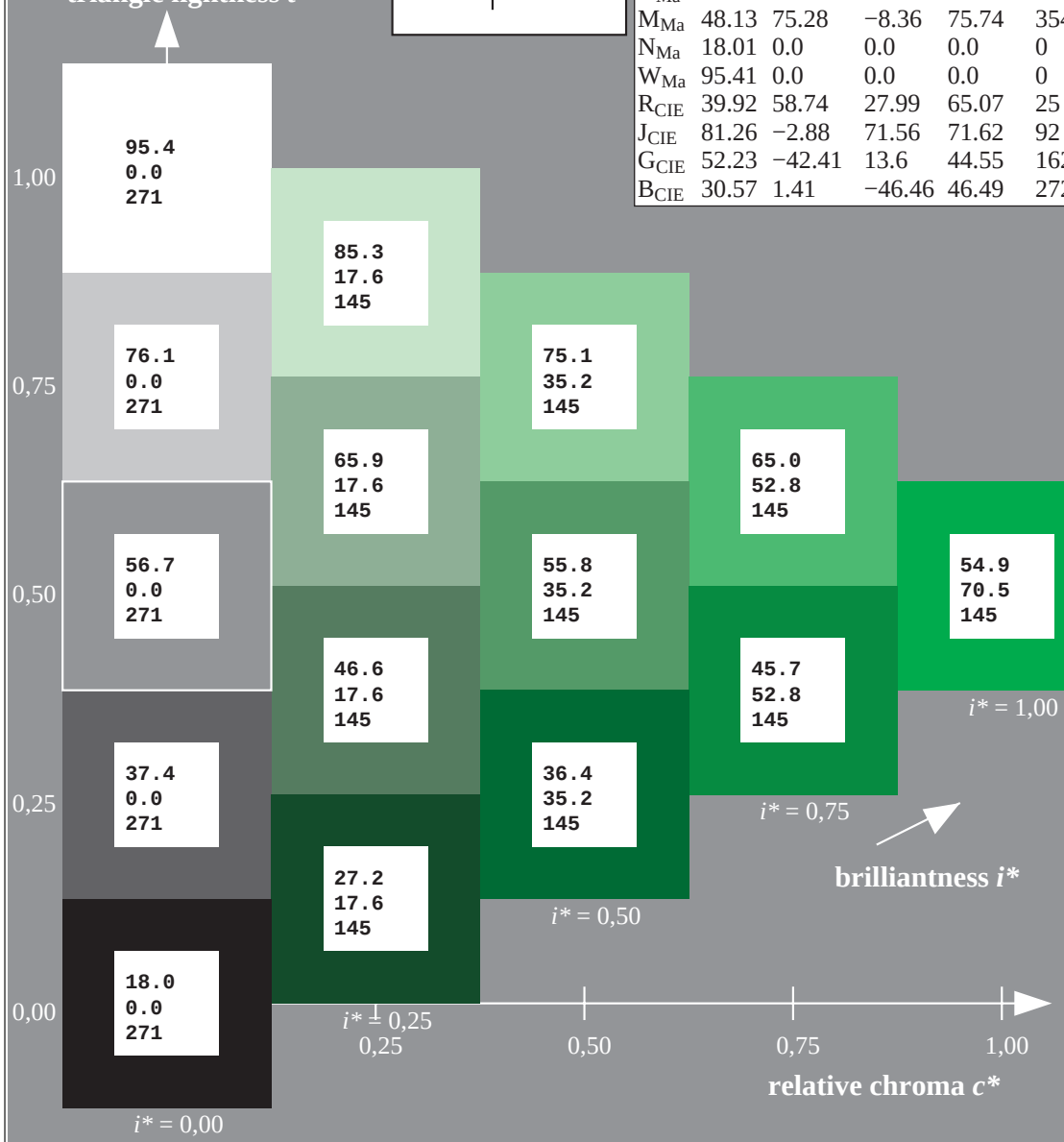


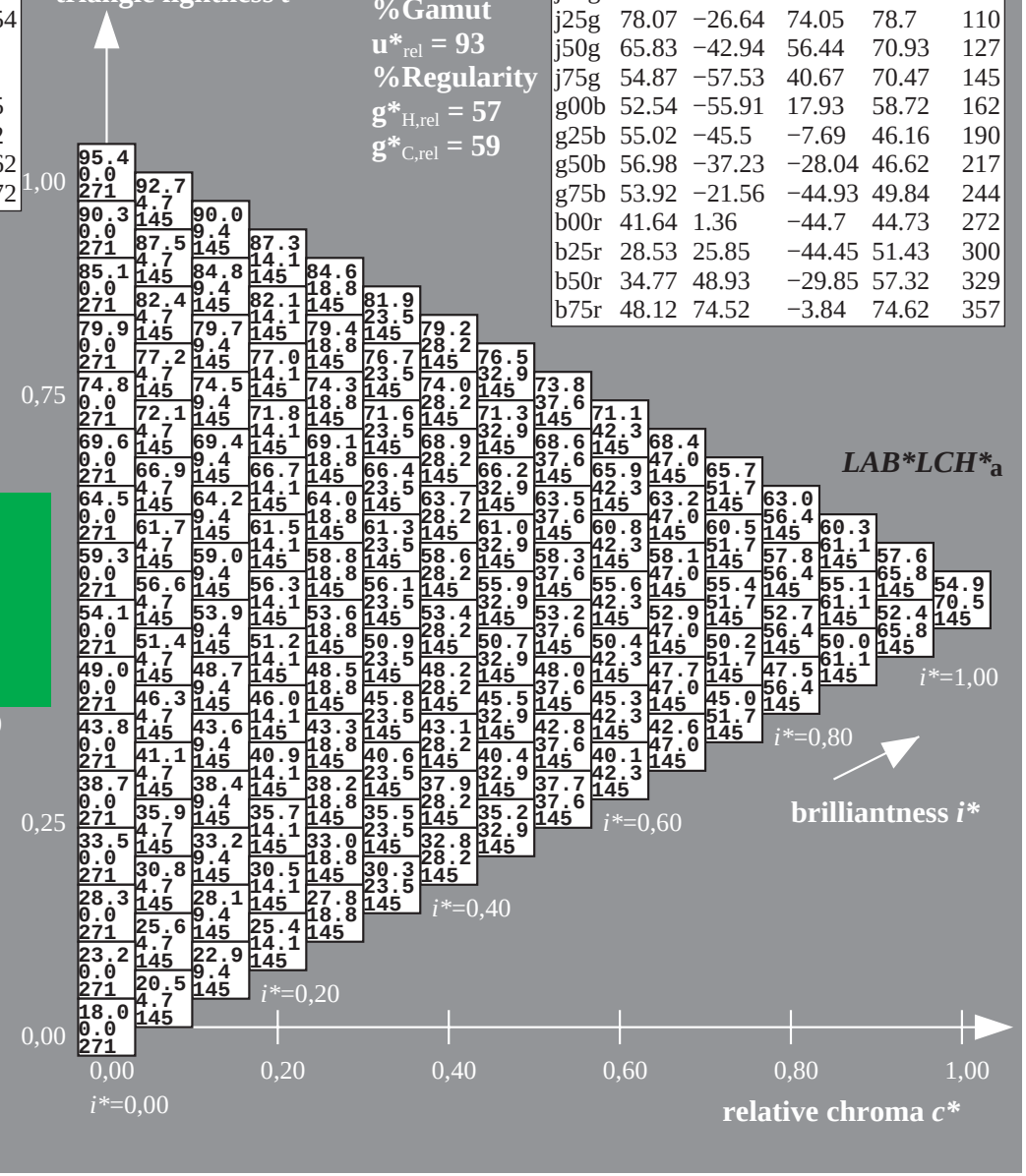
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −57 41**
***LAB*LCH**$_{Ma}$: 55 70 145**
***lab*rgb**$_{Ma}$: 0.25 1.0 0.0**
***lab*olv**$_{Ma}$: 0.1 1.0 0.0**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

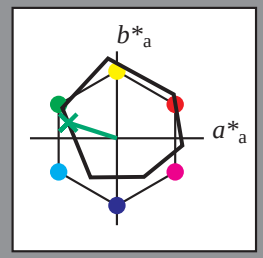




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = g00b
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

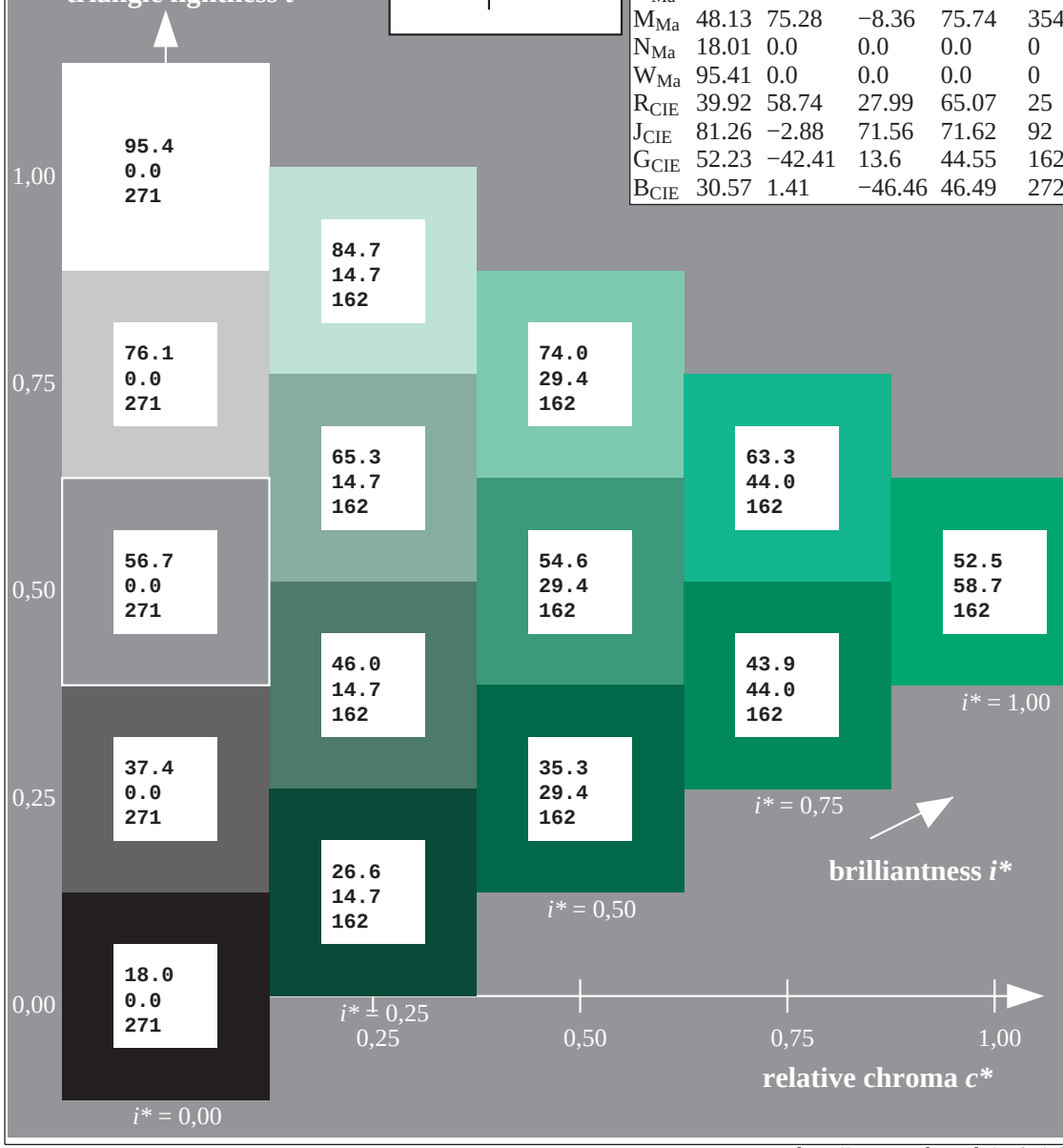


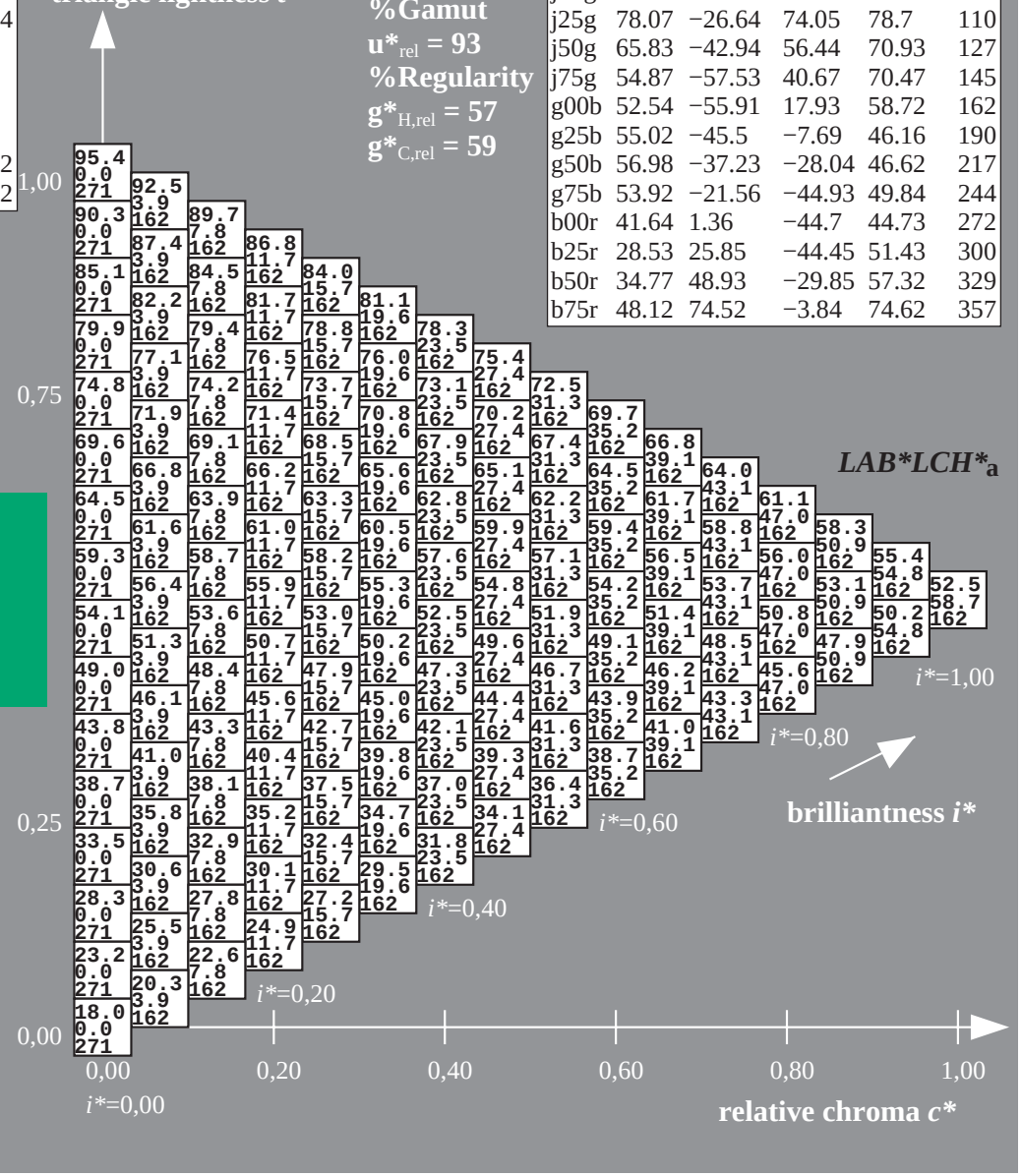
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −55 18**
***LAB*LCH**$_{Ma}$: 53 59 162**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.0**
***lab*olv**$_{Ma}$: 0.0 1.0 0.21**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

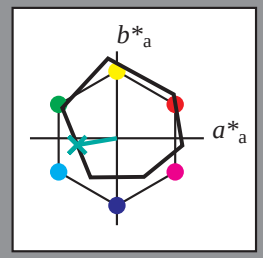




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = g25b
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

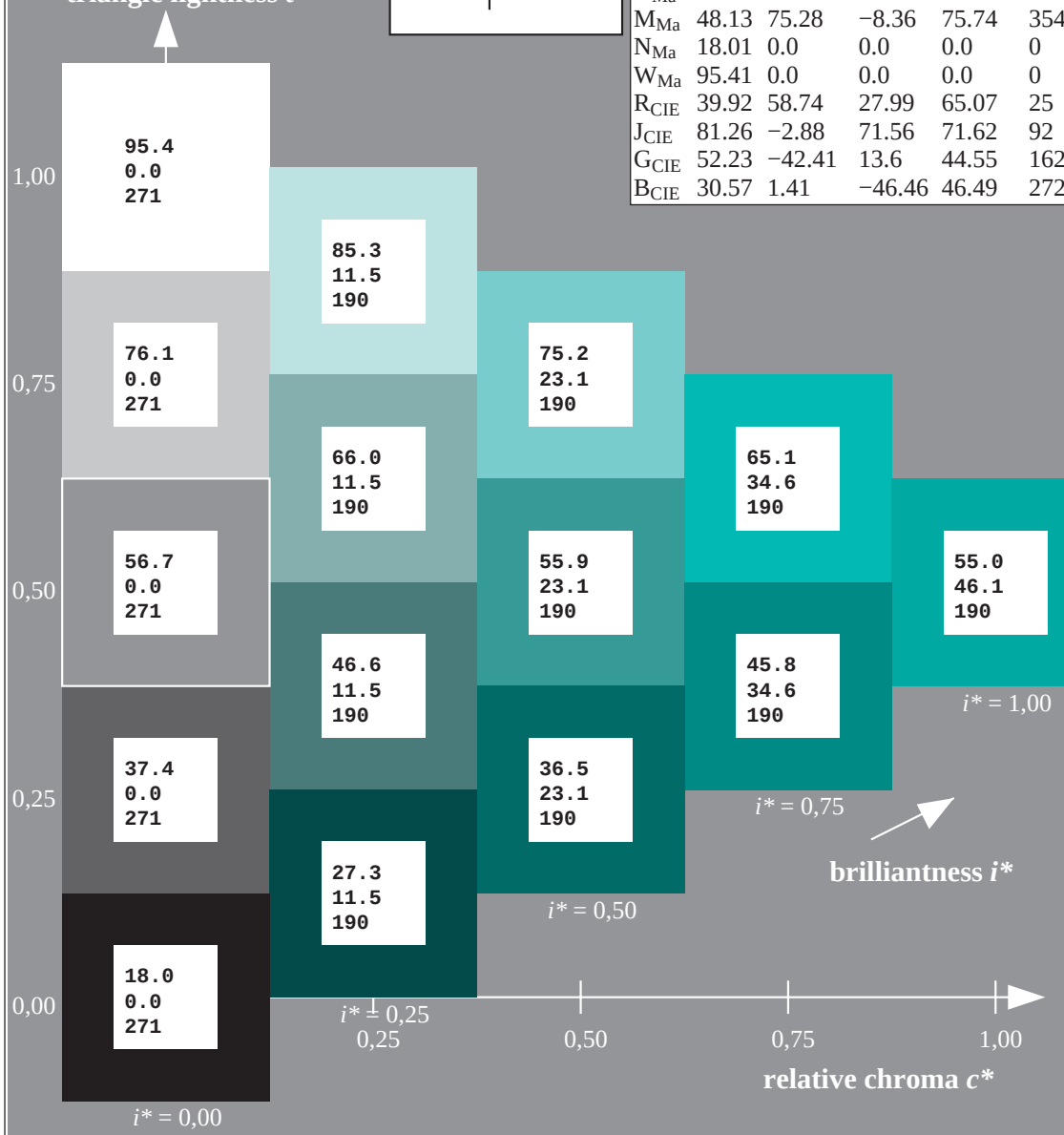
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

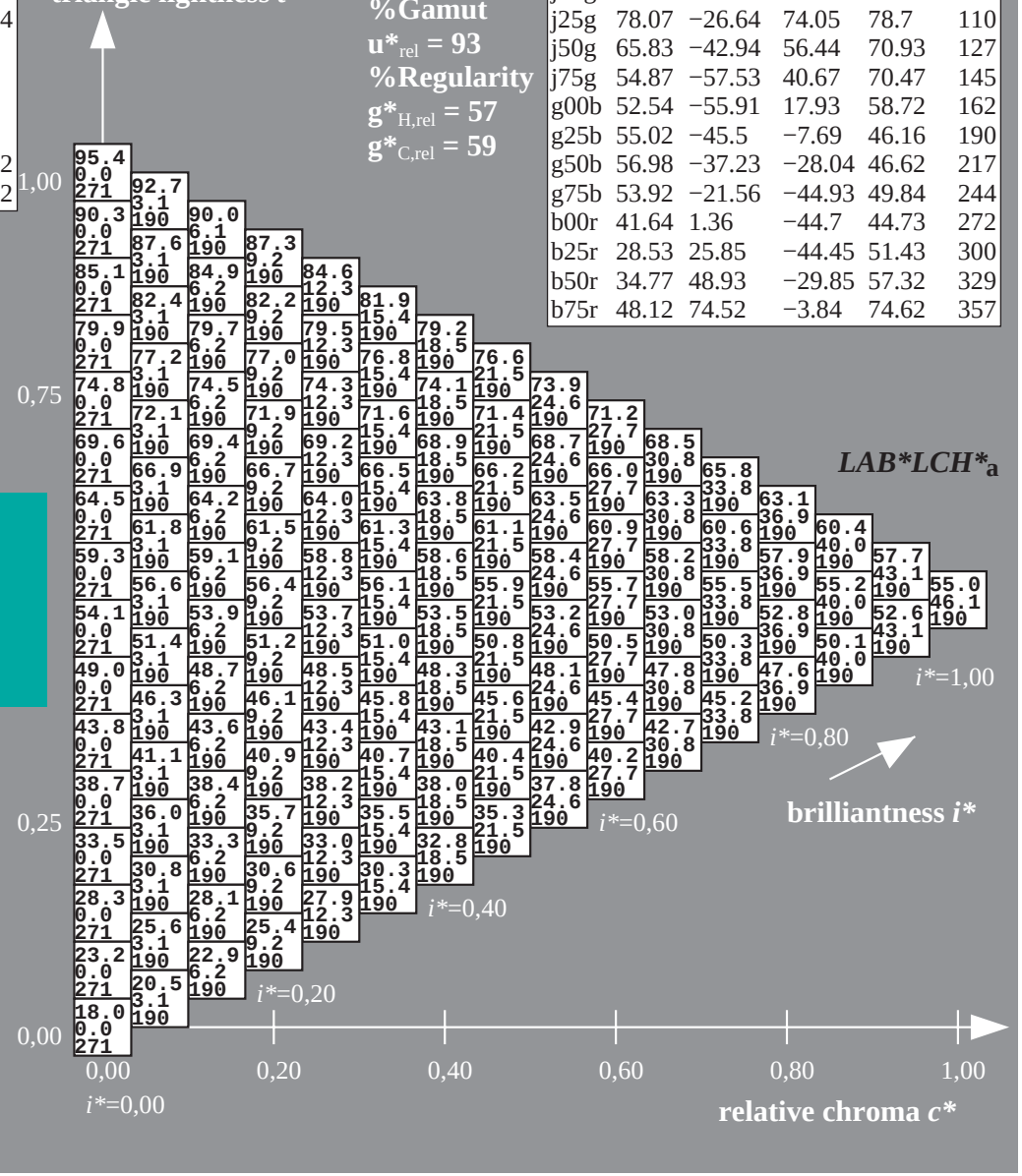
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 55 −45 −7**
***LAB*LCH**$_{Ma}$: 55 46 190**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.5**
***lab*olv**$_{Ma}$: 0.0 1.0 0.53**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

$u^* = g50b$

$LAB^*LCH^*_a$

data for any colour:

lab*tch** and *lab*icu*

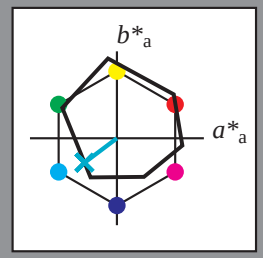
elementary hue text:

u* = g50b

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −36 −27**

***LAB*LCH**$_{Ma}$: 57 47 217**

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

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

triangle lightness *t**

%Gamut

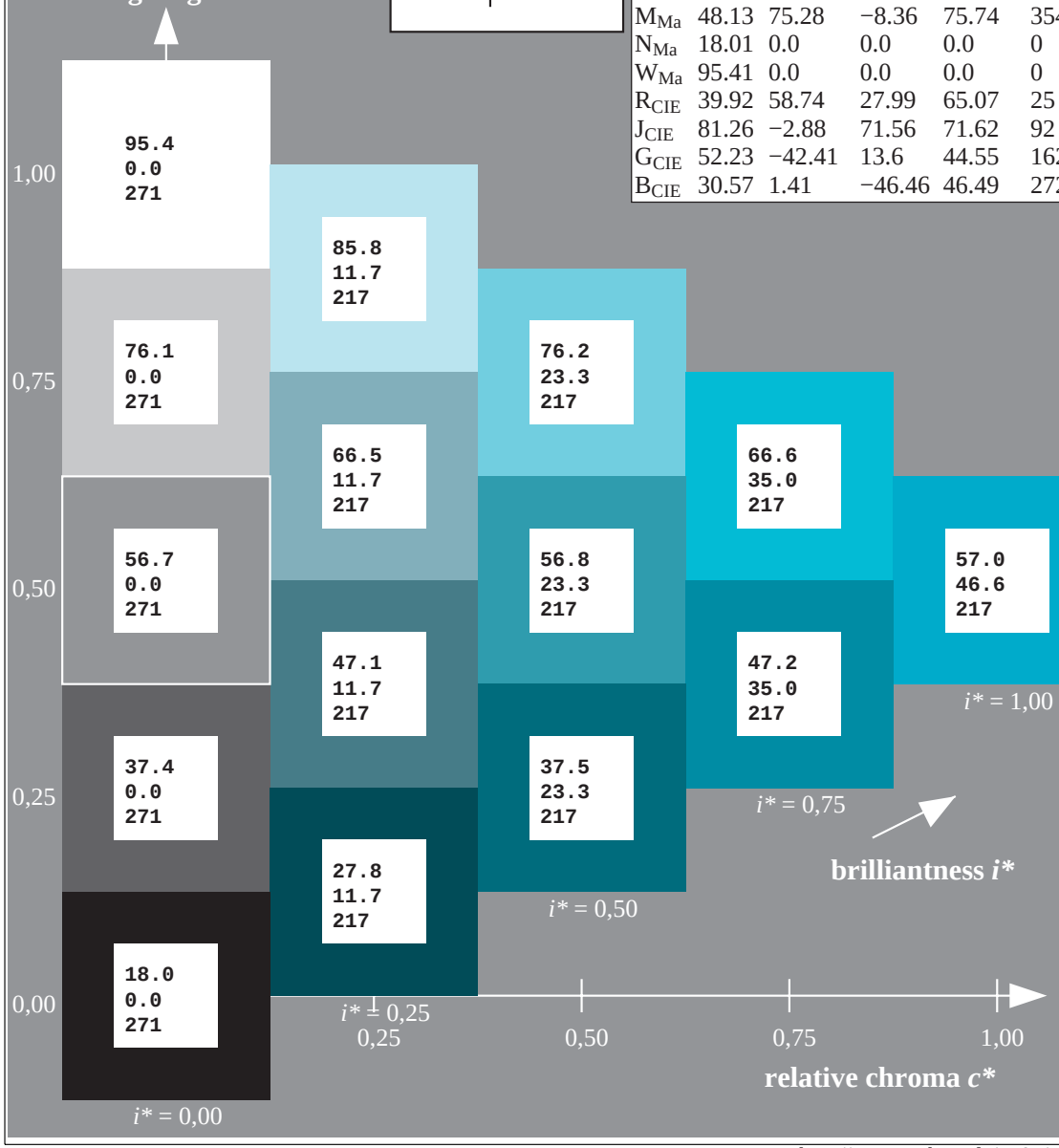
$u^*_{rel} = 93$

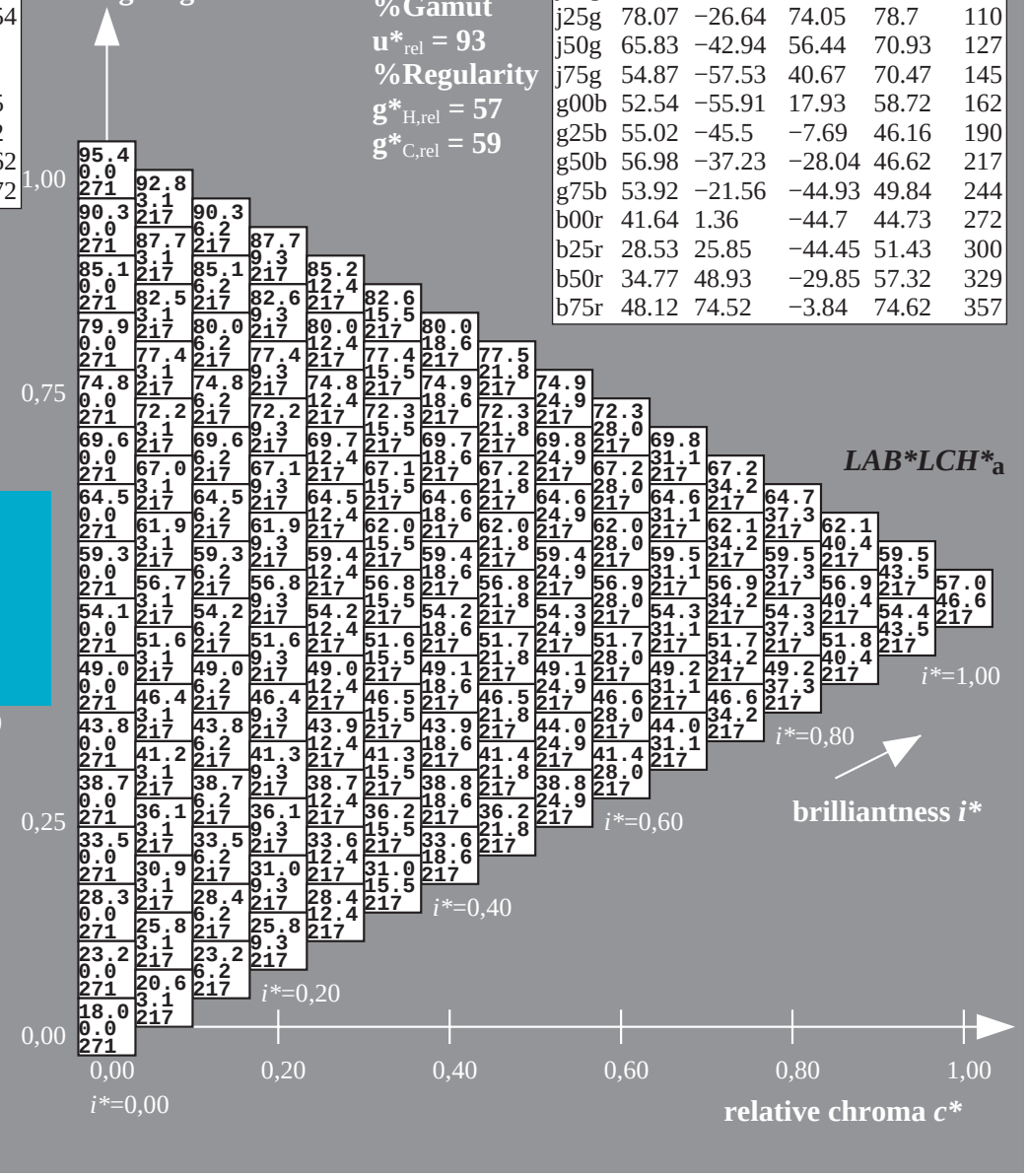
%Regularity

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

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

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

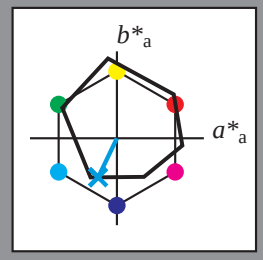




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = g75b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data

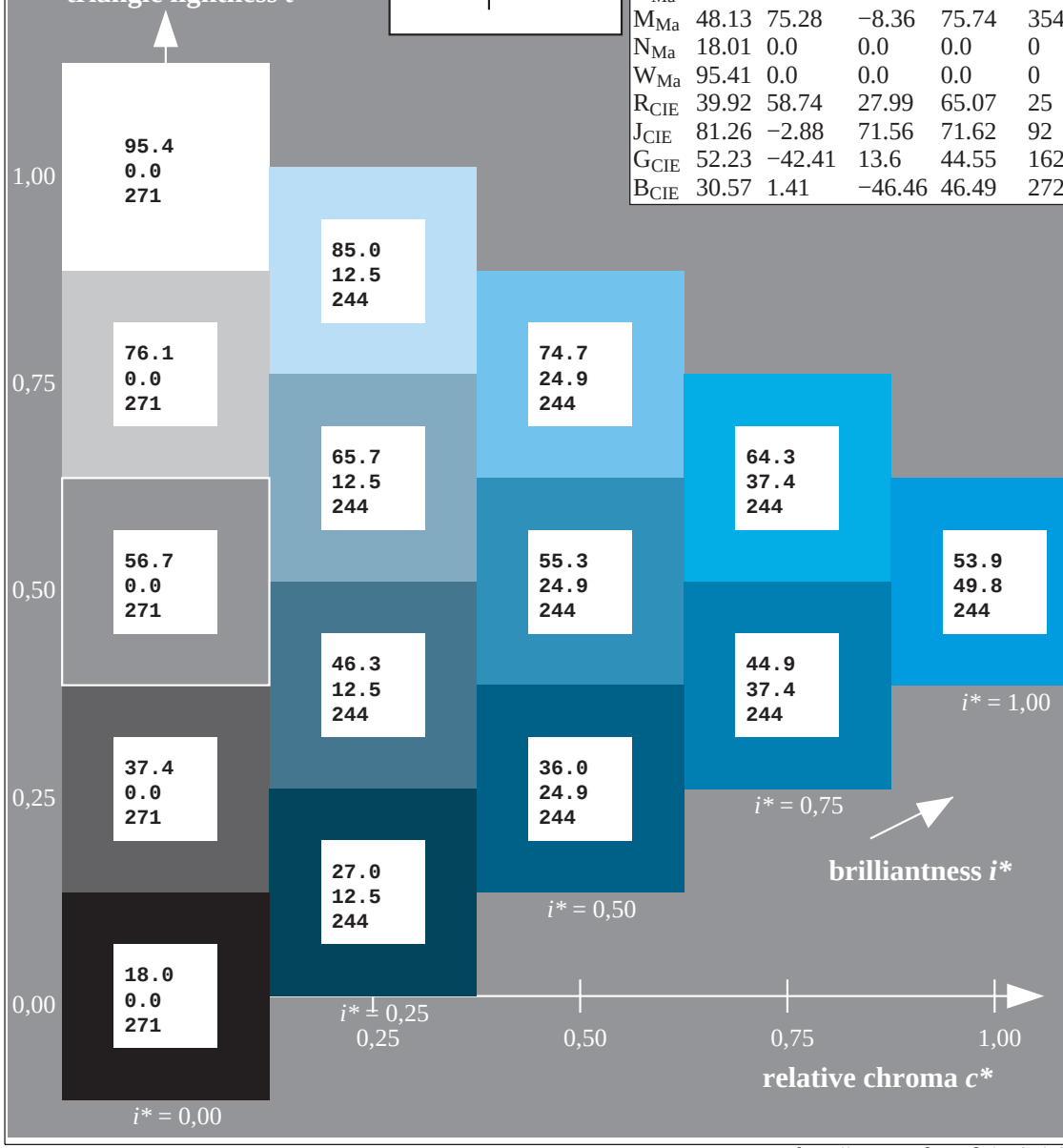
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

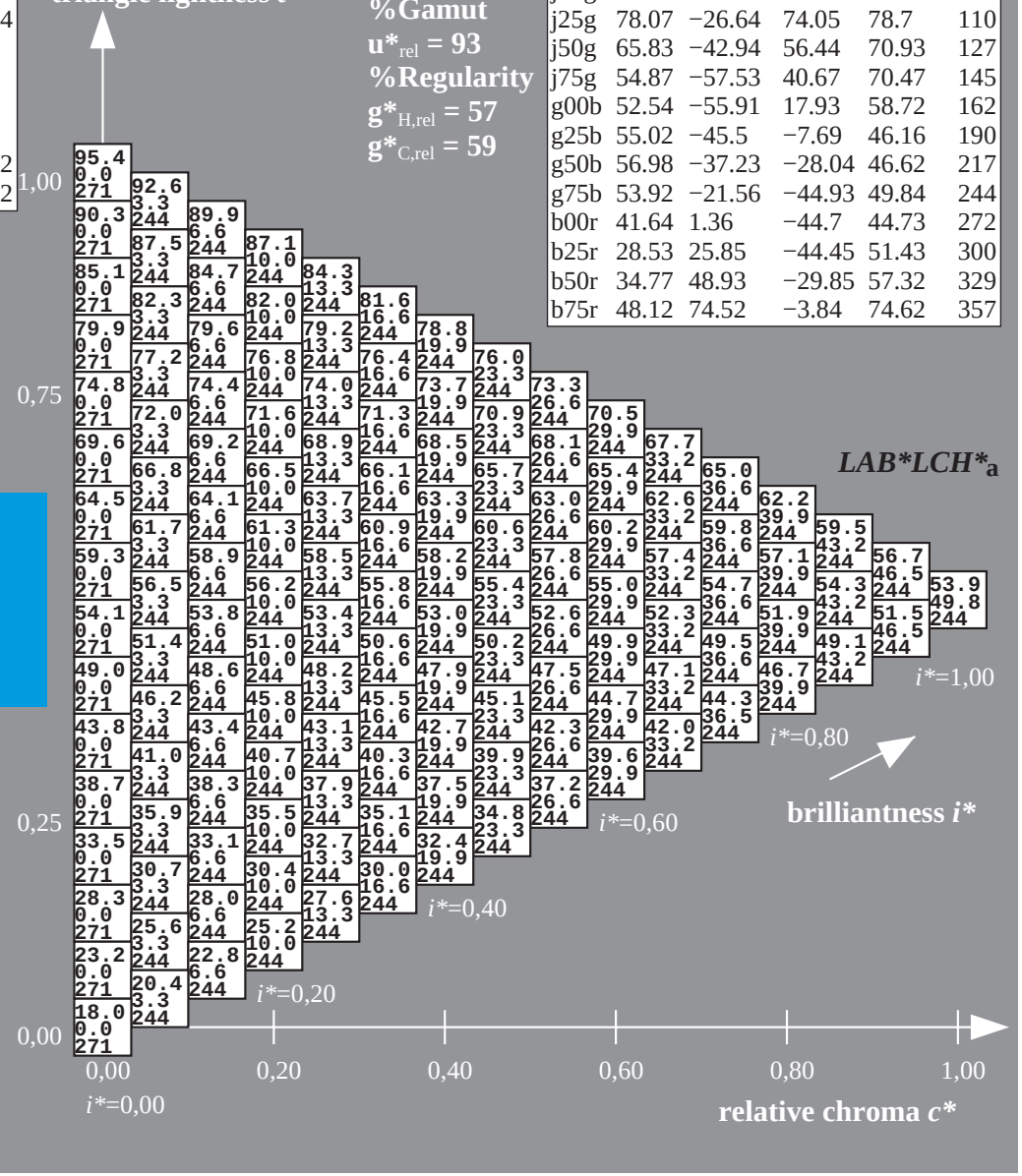
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 54 −21 −44**
***LAB*LCH**$_{Ma}$: 54 50 244**
***lab*rgb**$_{Ma}$: 0.0 0.5 1.0**
***lab*olv**$_{Ma}$: 0.0 0.86 1.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

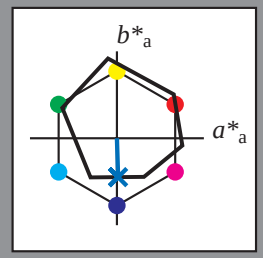




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = b00r
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

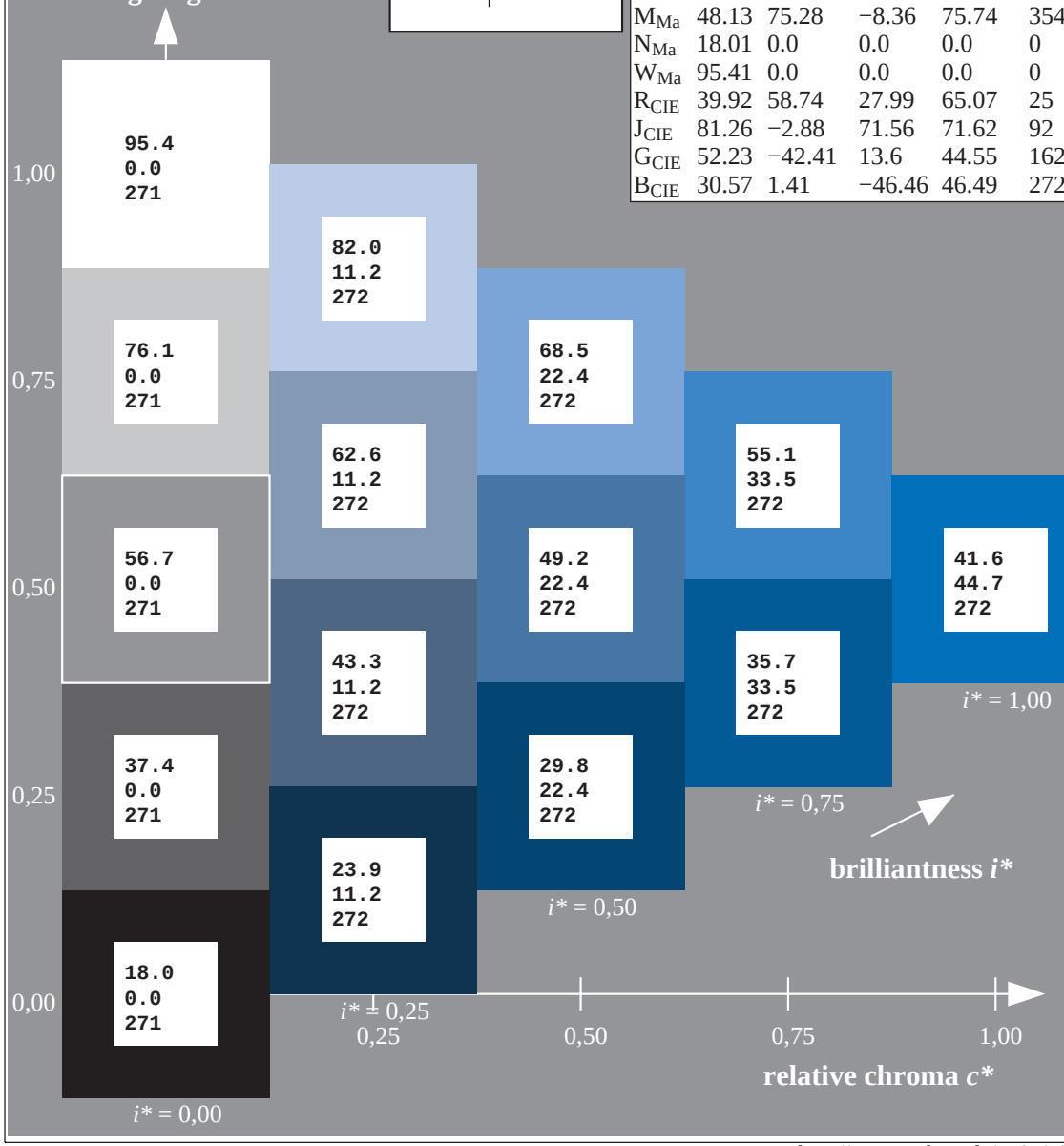


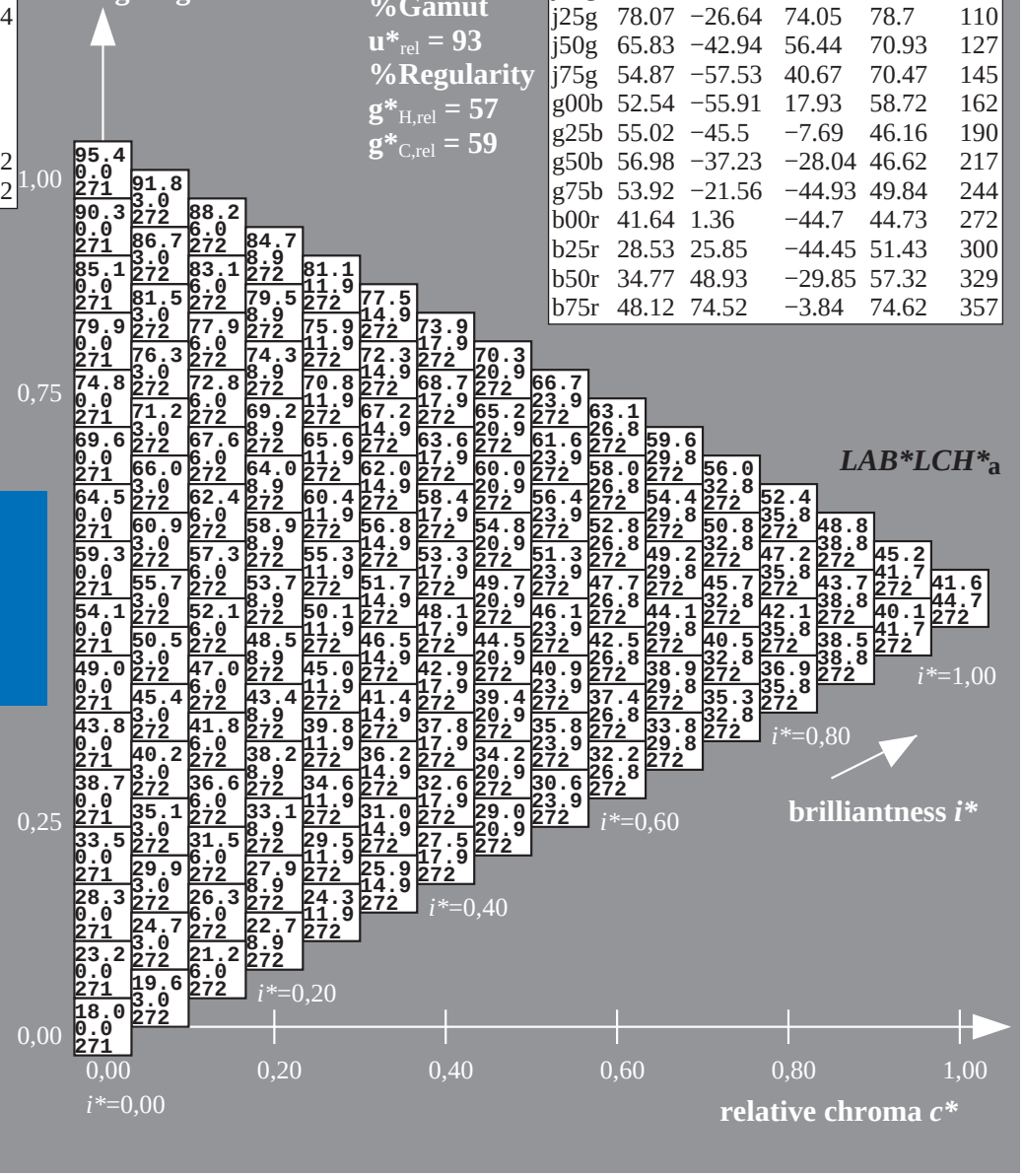
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −44**
***LAB*LCH**$_{Ma}$: 42 45 272**
***lab*rgb**$_{Ma}$: 0.0 0.0 1.0**
***lab*olv**$_{Ma}$: 0.0 0.48 1.0**

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 57$





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

$u^* = b25r$

$LAB^*LCH^*_a$

data for any colour:

lab*tch** and *lab*icu*

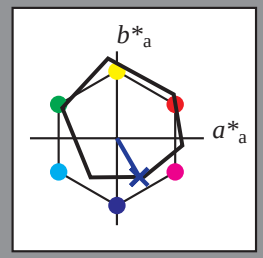
elementary hue text:

u* = b25r

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 26 −43**

***LAB*LCH**$_{Ma}$: 29 51 300**

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

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

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness *t**

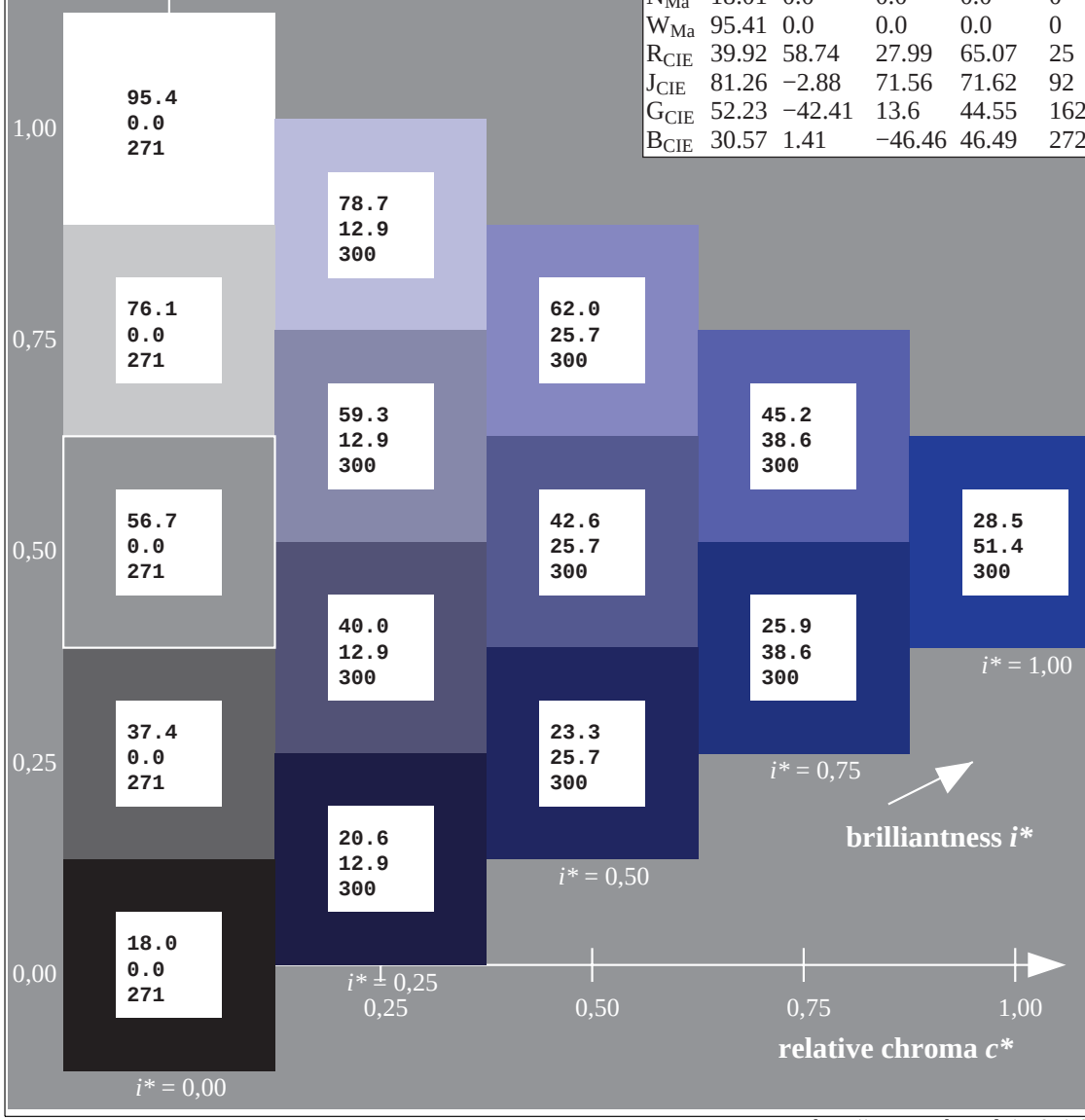
%Gamut

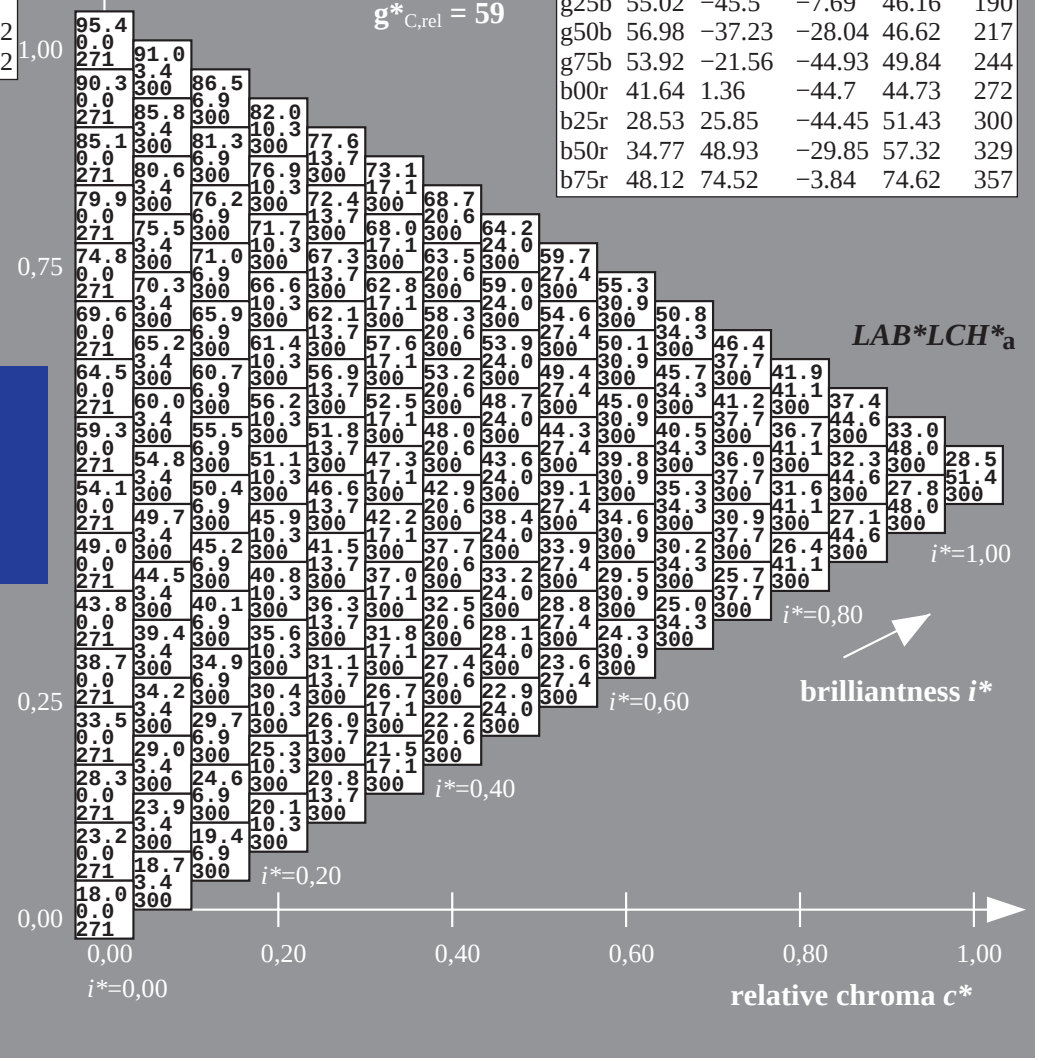
$u^*_{rel} = 93$

%Regularity

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

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

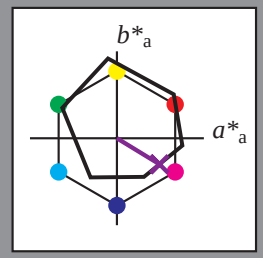




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

$u^* = b50r$
$LAB^*LCH^*_a$

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = b50r
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

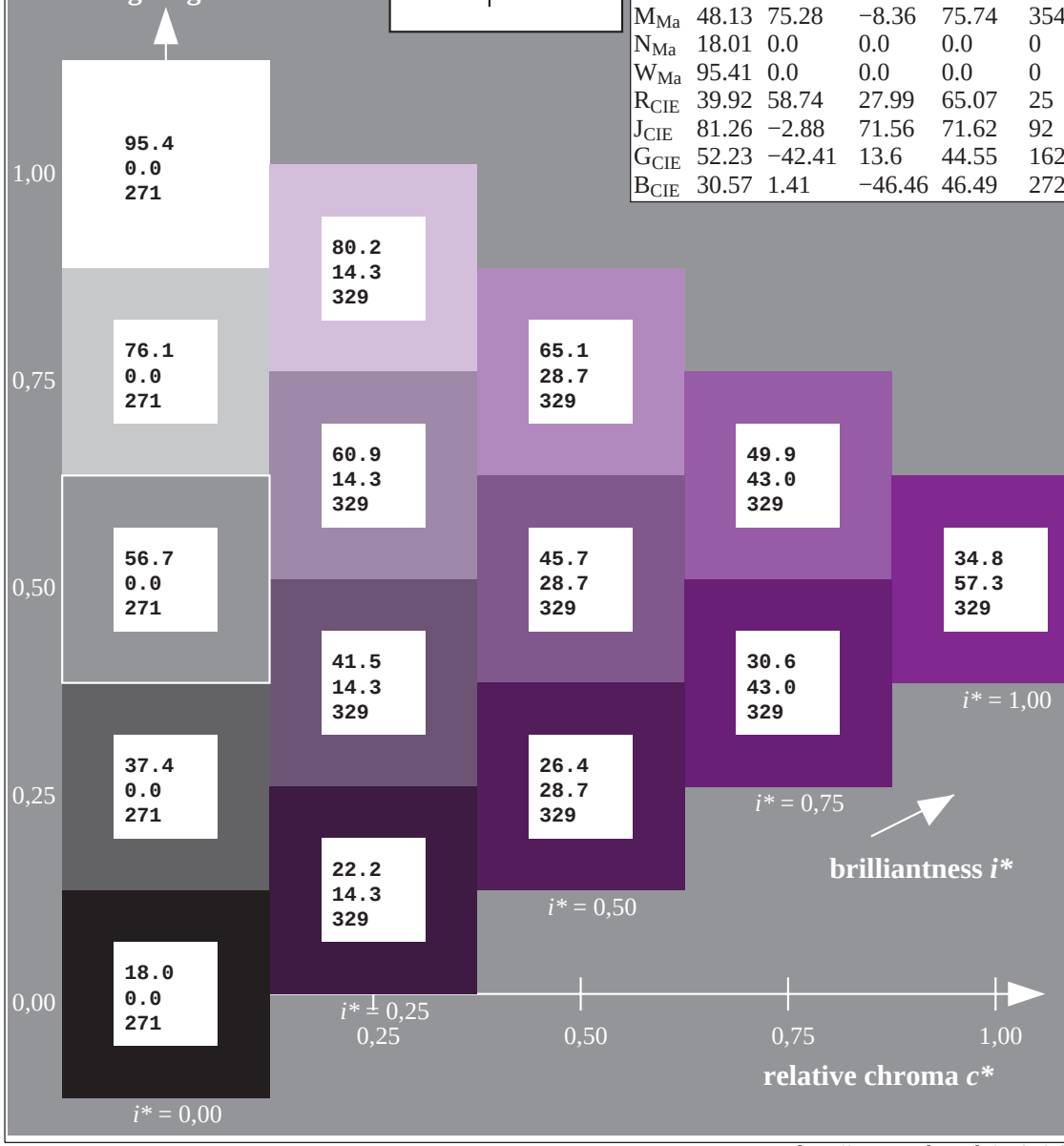


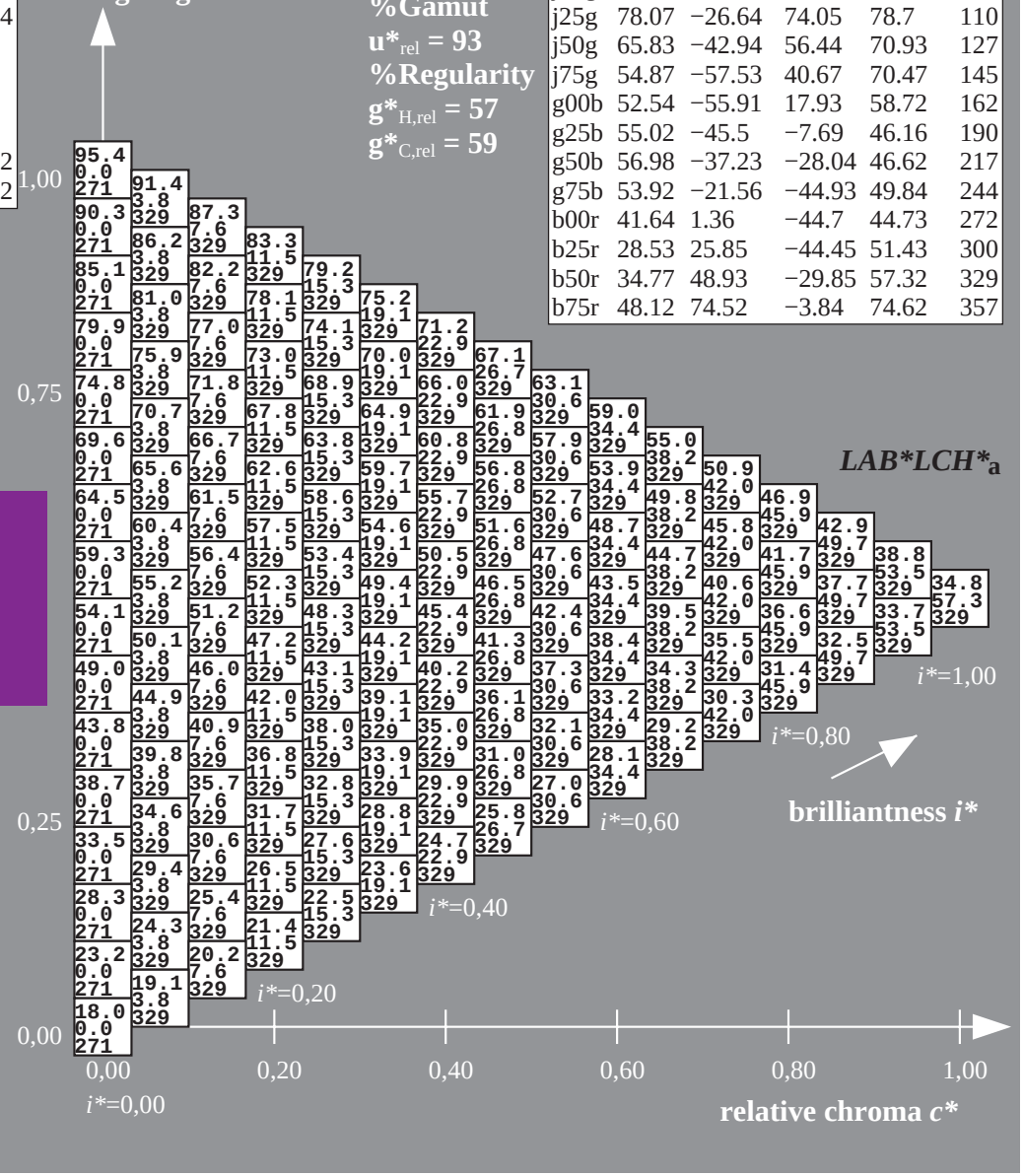
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 49 −29**
***LAB*LCH**$_{Ma}$: 35 57 329**
***lab*rgb**$_{Ma}$: 1.0 0.0 1.0**
***lab*olv**$_{Ma}$: 0.4 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

$u^* = b75r$

$LAB^*LCH^*_a$

data for any colour:

lab*tch** and *lab*icu*

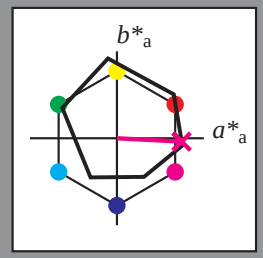
elementary hue text:

u* = b75r

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 75 −3**

***LAB*LCH**$_{Ma}$: 48 75 357**

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

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

%Gamut

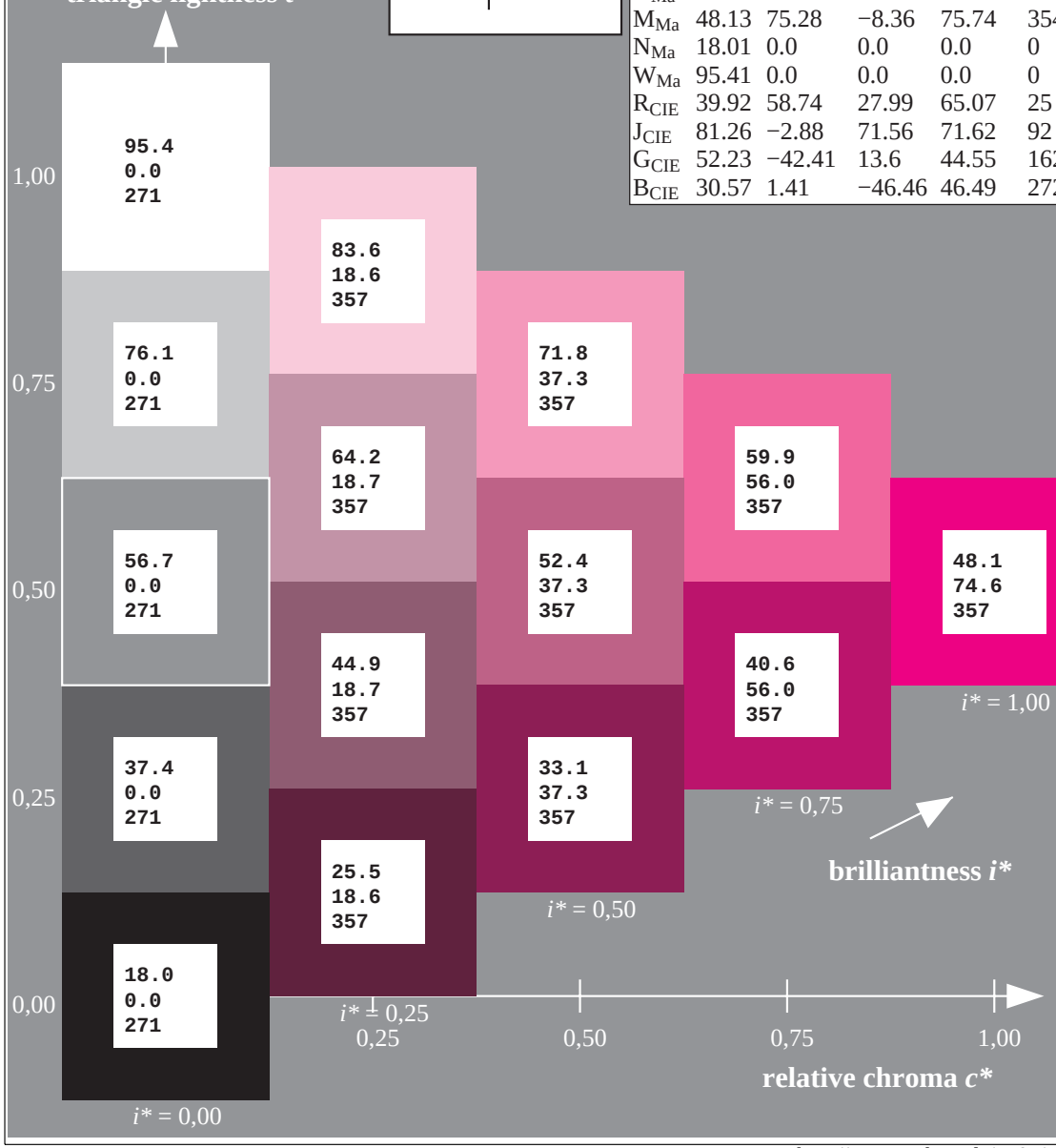
$u^*_{rel} = 93$

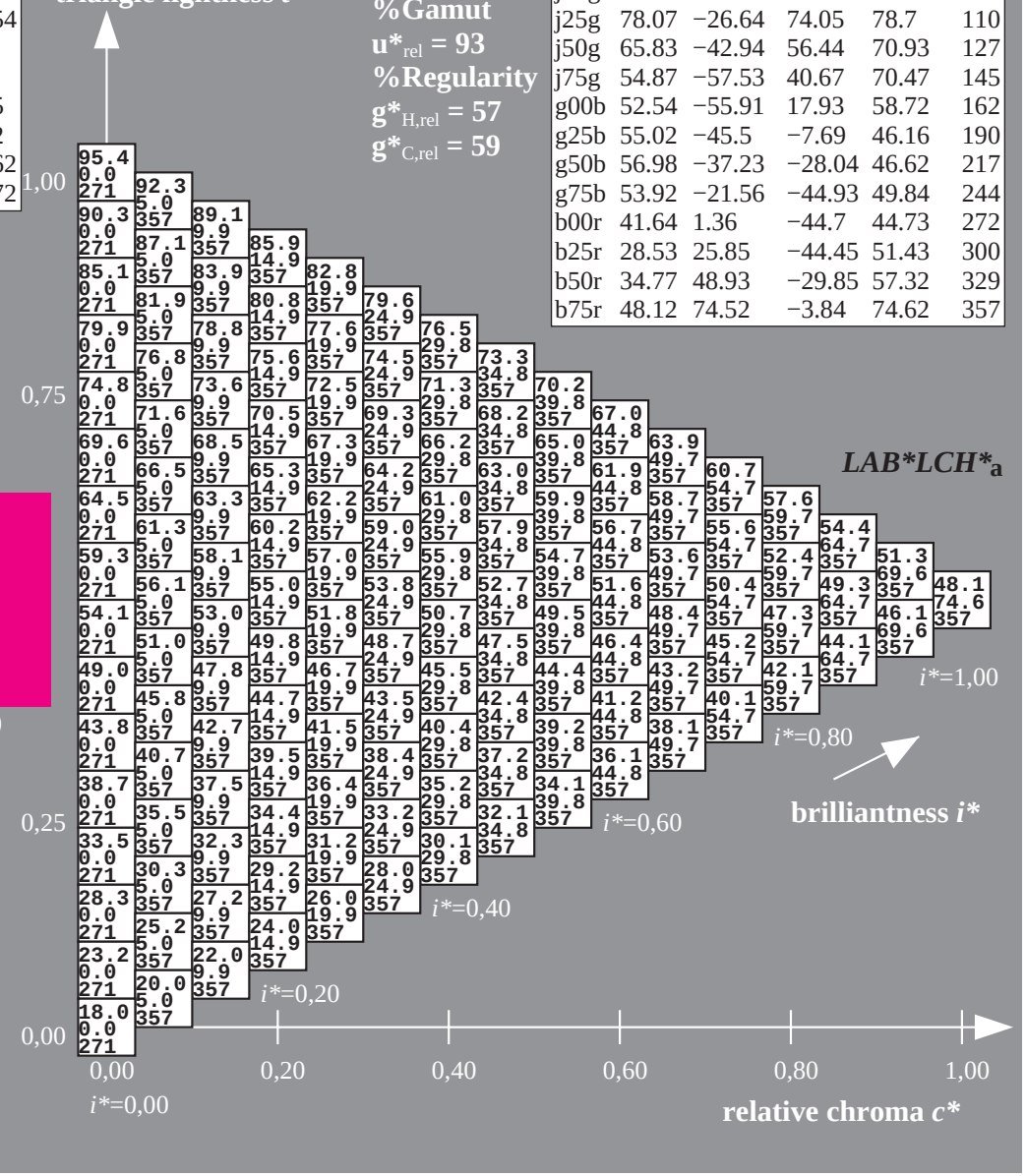
%Regularity

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

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

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





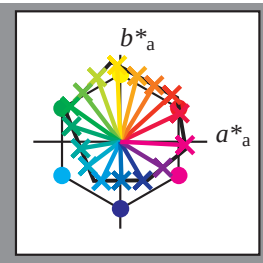
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
01	18.0 0.0 271	22.1 9.0 151	26.2 18.0 151	30.3 27.0 151	34.5 35.9 151	38.6 44.9 151	42.7 53.9 151	46.8 62.9 151	50.9 71.9 151	21.8 10.3 38	27.1 11.5 96	31.2 18.3 120	35.3 26.4 130	39.4 34.9 135	43.5 43.7 138	47.6 52.5 141	51.7 61.3 142	55.8 70.2 143	25.5 20.6 38	30.8 19.1 69
02	19.0 6.8 305	23.1 6.8 236	27.2 11.7 186	31.3 19.7 171	35.4 28.4 165	39.5 37.2 161	43.6 46.0 159	47.8 54.9 158	51.9 63.8 157	21.8 9.5 354	27.7 0.0 271	31.8 9.0 151	35.9 18.0 151	40.0 27.0 151	44.1 36.0 151	48.2 44.9 151	52.4 53.9 151	56.5 62.9 151	25.5 18.3 17	31.4 10.3 38
03	19.9 13.5 305	24.1 11.2 270	28.2 13.6 236	32.3 16.9 204	36.4 23.4 186	40.5 31.2 177	44.6 39.5 171	48.7 48.0 167	52.8 56.7 165	22.7 14.8 334	28.6 6.8 305	32.8 6.8 236	36.9 11.7 186	41.0 19.7 171	45.1 28.4 165	49.2 37.2 161	53.3 46.0 159	57.4 54.9 158	25.5 18.9 354	31.5 9.5 354
04	20.9 20.3 305	25.0 17.2 283	29.1 17.2 258	33.2 20.4 236	37.4 22.9 213	41.5 28.3 197	45.6 35.1 186	49.7 42.8 179	53.8 50.9 174	23.7 21.0 325	29.6 13.6 305	33.7 11.2 270	37.8 13.6 236	41.9 16.9 204	46.1 23.4 186	50.2 31.2 177	54.3 39.5 171	58.4 48.0 167	26.5 24.0 341	32.4 14.8 334
05	21.9 27.1 305	26.0 23.6 289	30.1 22.4 270	34.2 23.6 252	38.3 27.1 236	42.4 29.3 218	46.5 33.8 204	50.7 39.9 194	54.8 46.9 186	24.7 27.5 320	30.6 20.3 305	34.7 17.2 283	38.8 17.2 258	42.9 20.4 236	47.0 22.9 213	51.1 28.3 197	55.2 35.1 186	59.4 42.8 179	27.5 29.7 334	33.4 21.0 325
06	22.8 33.9 305	26.9 30.2 293	31.1 28.2 278	35.2 28.2 263	39.3 30.2 248	43.4 33.9 236	47.5 35.8 222	51.6 39.7 209	55.7 45.1 199	25.6 34.1 317	31.5 27.1 305	35.7 23.6 289	39.8 22.4 270	43.9 23.7 252	48.0 27.1 236	52.1 29.3 218	56.2 33.8 204	60.3 39.9 194	28.4 35.8 328	34.3 27.5 320
07	23.8 40.7 305	27.9 36.9 295	32.0 34.4 283	36.1 33.5 270	40.2 34.4 258	44.4 36.9 246	48.5 40.7 236	52.6 42.4 224	56.7 45.9 213	26.6 40.8 315	32.5 33.9 305	36.6 30.2 293	40.7 28.2 278	44.8 28.2 263	49.0 30.2 248	53.1 33.9 236	57.2 35.8 222	61.3 39.7 209	29.4 42.1 325	35.3 34.1 317
08	24.8 47.4 305	28.9 43.6 297	33.0 40.8 287	37.1 39.3 276	41.2 39.3 265	45.3 40.8 254	49.4 43.6 244	53.5 47.5 236	57.7 49.1 226	27.6 47.4 314	33.5 40.7 305	37.6 36.9 295	41.7 34.4 283	45.8 33.5 270	49.9 34.4 258	54.0 36.9 246	58.1 40.7 236	62.3 42.4 224	30.4 48.5 322	36.3 40.8 315
09	25.7 54.2 305	29.8 50.3 298	33.9 47.3 289	38.1 45.4 280	42.2 44.7 270	46.3 45.4 261	50.4 47.3 252	54.5 50.3 243	58.6 54.3 236	28.5 54.2 313	34.4 47.4 305	38.5 43.6 297	42.7 40.8 287	46.8 39.3 276	50.9 39.3 265	55.0 40.8 254	59.1 43.6 244	63.2 47.5 236	31.3 55.0 320	37.2 47.4 314
10	29.2 31.0 38	34.5 28.4 58	39.8 29.8 79	45.1 34.6 96	49.3 40.5 107	53.4 47.4 114	57.5 54.8 120	61.6 62.7 124	65.7 70.9 127	33.0 41.3 38	38.3 38.3 53	43.6 38.1 69	48.9 40.9 84	54.2 46.2 96	58.3 51.9 104	62.4 58.4 111	66.5 65.6 116	70.6 73.1 120	36.7 51.6 38	42.0 48.3 49
11	29.3 28.2 24	35.2 20.7 38	40.5 19.1 69	45.8 23.1 96	49.9 29.2 111	54.0 36.6 120	58.1 44.5 126	62.2 52.8 130	66.3 61.3 133	33.0 38.4 28	38.9 31.0 38	44.2 28.4 58	49.5 29.8 79	54.8 34.6 96	58.9 40.5 107	63.0 47.4 114	67.2 54.9 120	71.3 62.7 124	36.7 48.6 30	42.7 41.3 38
12	29.3 27.3 9	35.2 18.4 17	41.1 10.3 38	46.4 11.5 96	50.5 18.3 120	54.6 26.4 130	58.7 34.9 135	62.9 43.7 138	67.0 52.5 141	33.0 36.7 17	38.9 28.2 24	44.8 20.7 38	50.1 19.1 69	55.5 23.1 96	59.6 29.2 111	63.7 36.6 120	67.8 44.5 126	71.9 52.8 130	36.8 46.5 21	42.7 38.4 28
13	29.3 28.4 354	35.2 18.9 354	41.1 9.5 354	47.0 0.0 271	51.1 9.0 151	55.3 18.0 151	59.4 27.0 151	63.5 36.0 151	67.6 44.9 151	33.1 36.5 5	39.0 27.3 9	44.9 18.4 17	50.8 10.3 38	56.1 11.5 96	60.2 18.3 120	64.3 26.4 130	68.4 34.9 135	72.5 43.7 138	36.8 45.6 12	42.7 36.7 17
14	30.3 33.3 345	36.2 24.0 341	42.1 14.8 334	48.0 6.8 305	52.1 6.8 236	56.2 11.7 186	60.3 19.7 171	64.4 28.4 165	68.6 37.1 161	33.1 37.9 354	39.0 28.4 354	44.9 18.9 354	50.8 9.5 354	56.7 0.0 271	60.8 9.0 151	64.9 18.0 151	69.0 27.0 151	73.2 35.9 151	36.8 45.9 3	42.7 36.5 5
15	31.2 38.7 338	37.1 29.7 334	43.1 21.0 325	49.0 13.6 305	53.1 11.2 270	57.2 13.6 236	61.3 16.9 204	65.4 23.4 186	69.5 31.2 177	34.0 42.6 347	39.9 33.3 345	45.9 24.0 341	51.8 14.8 334	57.7 6.8 305	61.8 6.8 236	65.9 11.7 186	70.0 19.7 171	74.1 28.4 165	36.8 47.3 354	42.7 37.9 354
16	32.2 44.5 334	38.1 35.8 328	44.0 27.5 320	49.9 20.3 305	54.0 17.2 283	58.2 17.2 258	62.3 20.4 236	66.4 22.9 213	70.5 28.3 197	35.0 47.9 341	40.9 38.7 338	46.8 29.7 334	52.7 21.0 325	58.6 13.6 305	62.8 11.2 270	66.9 13.6 236	71.0 16.9 204	75.1 23.4 186	37.8 52.1 348	43.7 42.7 347
17	33.2 50.6 330	39.1 42.1 325	45.0 34.1 317	50.9 27.1 305	55.0 23.6 289	59.1 22.4 270	63.2 23.7 252	67.3 27.1 236	71.4 29.3 218	36.0 53.5 337	41.9 44.5 334	47.8 35.8 328	53.7 27.5 320	59.6 20.3 305	63.7 17.2 283	67.8 17.2 258	71.9 20.4 236	76.0 22.9 213	38.8 57.2 343	44.7 47.9 341
18	34.1 56.8 327	40.0 48.5 322	45.9 40.8 315	51.9 33.9 305	56.0 30.2 293	60.1 28.2 278	64.2 28.2 263	68.3 30.2 248	72.4 33.9 236	36.9 59.4 334	42.8 50.6 330	48.7 42.1 325	54.7 34.1 317	60.6 27.1 305	64.7 23.6 289	68.8 22.4 270	72.9 23.7 252	77.0 27.1 236	39.7 62.6 340	45.6 53.5 337
19	40.5 62.0 38	45.8 58.5 47	51.1 56.8 58	56.4 57.2 69	61.7 59.6 79	67.0 63.7 88	72.3 69.2 96	76.4 74.8 102	80.5 81.0 107	44.2 72.3 38	49.5 68.7 46	54.8 66.6 55	60.1 66.3 64	65.4 67.6 73	70.7 70.7 82	76.0 75.1 90	81.3 80.8 96	85.4 86.3 101	47.9 82.6 38	53.2 78.9 45
20	40.5 58.8 31	46.4 51.6 38	51.7 48.3 49	57.0 47.3 62	62.3 48.7 75	67.6 52.3 87	72.9 57.7 96	77.0 63.3 103	81.1 69.7 109	44.2 69.1 32	50.1 62.0 38	55.4 58.5 47	60.7 56.8 58	66.0 57.2 69	71.3 59.6 79	76.7 63.7 88	82.0 69.2 96	86.1 74.8 102	48.0 79.4 33	53.9 72.3 38
21	40.5 56.5 24	46.4 48.6 30	52.3 41.3 38	57.6 38.3 53	62.9 38.1 69	68.2 41.0 84	73.5 46.2 96	77.7 51.9 104	81.8 58.5 111	44.3 66.6 26	50.2 58.8 31	56.1 51.6 38	61.4 48.3 49	66.7 47.3 62	72.0 48.7 75	77.3 52.3 87	82.6 57.7 96	86.7 63.3 103	48.0 76.7 28	53.9 69.1 32
22	40.5 55.1 17	46.4 46.5 21	52.3 38.4 28	58.3 31.0 38	63.6 28.4 58	68.9 29.8 79	74.2 34.6 96	78.3 40.5 107	82.4 47.4 114	44.3 64.8 20	50.2 56.5 24	56.1 48.6 30	62.0 41.3 38	67.3 38.3 53	72.6 38.1 69	77.9 41.0 84	83.2 46.2 96	87.3 51.9 104	48.0 74.7 22	53.9 66.6 26
23	40.6 54.6 9	46.5 45.6 12	52.4 36.7 17	58.3 28.2 24	64.2 20.7 38	69.5 19.1 69	74.8 23.1 96	78.9 29.2 111	83.0 36.6 120	44.3 63.9 13	50.2 55.1 17	56.1 46.5 21	62.0 38.4 28	67.9 31.0 38	73.2 28.4 58	78.5 29.8 79	83.8 34.6 96	88.0 40.5 107	48.0 73.4 17	53.9 64.8 20
24	40.6 55.2 1	46.5 45.9 3	52.4 36.5 5	58.3 27.3 9	64.2 18.4 17	70.1 10.3 38	75.4 11.5 96	79.5 18.3 120	83.6 26.4 130	44.3 63.8 7	50.2 54.6 9	56.1 45.6 12	62.0 36.7 17	68.0 28.2 24	73.9 20.7 38	79.2 19.1 69	84.5 23.1 96	88.6 29.2 111	48.1 72.9 11	54.0 63.9 13
25	40.6 56.8 354	46.5 47.3 354	52.4 37.9 354	58.3 28.4 354	64.2 18.9 354	70.2 9.5 354	76.1 0.0 271	80.2 9.0 151	84.3 18.0 151	44.3 64.6 0	50.3 55.2 1	56.2 45.9 3	62.1 36.5 5	68.0 27.3 9	73.9 18.4 17	79.8 10.3 38	85.1 11.5 96	89.2 18.3 120	48.1 73.1 5	54.0 63.8 7
26	41.6 61.5 349	47.5 52.1 348	53.4 42.7 347	59.3 33.3 345	65.2 24.0 341	71.1 14.8 334	77.0 6.8 305	81.1 6.8 236	85.2 11.7 186	44.4 66.3 354	50.3 56.8 354	56.2 47.3 354	62.1 37.9 354	68.0 28.4 354	73.9 18.9 354	79.8 9.5 354	85.7 0.0 271	89.8 9.0 151	48.1 74.0 359	54.0 64.6 0
27	42.5 66.5 345	48.4 57.2 343	54.3 47.9 341	60.3 38.7 338	66.2 29.7 334	72.1 21.0 325	78.0 13.5 305	82.1 11.2 270	86.2 13.6 236	45.3 70.9 350	51.2 61.5 349	57.1 52.1 348	63.1 42.6 347	69.0 33.3 345	74.9 24.0 341	80.8 14.8 334	86.7 6.8 305	90.8 6.8 236	48.1 75.7 354	54.0 66.3 354

	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LCH*a		
01	36.1 23.1 96	40.2 29.2 111	44.3 36.6 120	48.4 44.5 126	52.5 52.8 130	56.7 61.3 133	60.8 69.9 135	95.4 0.0 271	89.5 10.3 38	83.5 20.6 38	77.6 31.0 38	71.7 41.3 38	65.7 51.6 38	59.8 62.0 38	53.9 72.3 38	47.9 82.6 38	18.0 0.0 271	18.0 0.0 271	18.0 0.0 271	18.0 0.0 271
02	36.7 11.5 96	40.8 18.3 120	45.0 26.4 130	49.1 34.9 135	53.2 43.7 138	57.3 52.5 141	61.4 61.3 142	90.8 6.8 236	85.7 0.0 271	79.8 10.3 38	73.9 20.7 38	67.9 31.0 38	62.0 41.3 38	56.1 51.6 38	50.1 62.0 38	44.2 72.3 38	27.7 0.0 271	27.7 0.0 271	27.7 0.0 271	27.7 0.0 271
03	37.4 0.0 271	41.5 9.0 151	45.6 18.0 151	49.7 27.0 151	53.8 36.0 151	57.9 44.9 151	62.0 53.9 151	86.2 13.6 236	81.1 6.8 236	76.1 0.0 271	70.1 10.3 38	64.2 20.7 38	58.3 31.0 38	52.3 41.3 38	46.4 51.6 38	40.5 62.0 38	37.4 0.0 271	37.4 0.0 271	37.4 0.0 271	37.4 0.0 271
04	38.3 6.8 305	42.4 6.8 236	46.5 11.7 186	50.7 19.7 171	54.8 28.4 165	58.9 37.2 161	63.0 46.0 159	81.6 20.4 236	76.5 13.6 236	71.5 6.8 236	66.4 0.0 271	60.5 10.3 38	54.5 20.7 38	48.6 31.0 38	42.7 41.3 38	36.7 51.6 38	47.0 0.0 271	47.0 0.0 271	47.0 0.0 271	47.0 0.0 271
05	39.3 13.6 305	43.4 11.2 270	47.5 13.6 236	51.6 16.9 204	55.7 23.4 186	59.8 31.2 177	64.0 39.5 171	77.0 27.1 236	71.9 20.4 236	66.9 13.6 236	61.8 6.8 236	56.7 0.0 271	50.8 10.3 38	44.8 20.7 38	38.9 31.0 38	33.0 41.3 38	56.7 0.0 271	56.7 0.0 271	56.7 0.0 271	56.7 0.0 271
06	40.3 20.3 305	44.4 17.2 283	48.5 17.2 258	52.6 20.4 236	56.7 22.9 213	60.8 28.3 197	64.9 35.1 186	72.4 33.9 236	67.3 27.1 236	62.3 20.4 236	57.2 13.6 236	52.1 6.8 236	47.0 0.0 271	41.1 10.3 38	35.2 20.7 38	29.2 31.0 38	66.4 0.0 271	66.4 0.0 271	66.4 0.0 271	66.4 0.0 271
07	41.2 27.1 305	45.3 23.6 289	49.4 22.4 270	53.6 23.7 252	57.7 27.1 236	61.8 29.3 218	65.9 33.8 204	67.8 40.7 236	62.7 33.9 236	57.7 27.1 236	52.6 20.4 236	47.5 13.6 236	42.4 6.8 236	37.4 0.0 271	31.4 10.3 38	25.5 20.6 38	76.1 0.0 271	76.1 0.0 271	76.1 0.0 271	76.1 0.0 271
08	42.2 33.9 305	46.3 30.2 293	50.4 28.2 278	54.5 28.2 263	58.6 30.2 248	62.7 33.9 236	66.8 35.8 222	63.2 47.5 236	58.1 40.7 236	53.1 33.9 236	48.0 27.1 236	42.9 20.4 236	37.8 13.6 236	32.8 6.8 236	27.7 0.0 271	21.8 10.3 38	85.7 0.0 271	85.7 0.0 271	85.7 0.0 271	85.7 0.0 271
09	43.1 40.7 305	47.3 36.9 295	51.4 34.4 283	55.5 33.5 270	59.6 34.4 258	63.7 36.9 246	67.8 40.7 236	58.6 54.3 236	53.5 47.5 236	48.5 40.7 236	43.4 33.9 236	38.3 27.1 236	33.2 20.4 236	28.2 13.6 236	23.1 6.8 236	18.0 0.0 271	95.4 0.0 271	95.4 0.0 271	95.4 0.0 271	95.4 0.0 271
10	47.3 47.3 62	52.6 48.7 75	57.9 52.3 87	63.2 57.7 96	67.3 63.3 103	71.5 69.7 109	75.6 76.6 113	95.4 0.0 271	94.8 11.5 96	94.1 23.1 96	93.5 34.6 96	92.9 46.2 96	92.3 57.7 96	91.6 69.2 96	91.0 80.8 96	90.4 92.3 96	18.0 0.0 271	18.0 0.0 271	18.0 0.0 271	18.0 0.0 271
11	48.0 38.3 53	53.3 38.1 69	58.6 41.0 84	63.9 46.2 96	68.0 51.9 104	72.1 58.5 111	76.2 65.6 116	86.7 6.8 305	85.7 0.0 271	85.1 11.5 96	84.5 23.1 96	83.8 34.6 96	83.2 46.2 96	82.6 57.7 96	82.0 69.2 96	81.3 80.8 96	23.2 0.0 271	23.2 0.0 271	23.2 0.0 271	23.2 0.0 271
12	48.6 31.0 38	53.9 28.4 58	59.2 29.8 79	64.5 34.6 96	68.6 40.5 107	72.7 47.4 114	76.8 54.9 120	78.0 13.5 305	77.0 6.8 305	76.1 0.0 271	75.4 11.5 96	74.8 23.1 96	74.2 34.6 96	73.5 46.2 96	72.9 57.7 96	72.3 69.2 96	28.3 0.0 271	28.3 0.0 271	28.3 0.0 271	28.3 0.0 271
13	48.6 28.2 24	54.5 20.7 38	59.8 19.1 69	65.1 23.1 96	69.2 29.2 111	73.3 36.6 120	77.5 44.5 126	69.3 20.3 305	68.3 13.6 305	67.3 6.8 305	66.4 0.0 271	65.8 11.5 96	65.1 23.1 96	64.5 34.6 96	63.9 46.2 96	63.2 57.7 96	33.5 0.0 271	33.5 0.0 271	33.5 0.0 271	33.5 0.0 271
14	48.6 27.3 9	54.5 18.4 17	60.5 10.3 38	65.8 11.5 96	69.9 18.3 120	74.0 26.4 130	78.1 34.9 135	60.6 27.1 305	59.6 20.3 305	58.6 13.6 305	57.7 6.8 305	56.7 0.0 271	56.1 11.5 96	55.5 23.1 96	54.8 34.6 96	54.2 46.2 96	38.7 0.0 271	38.7 0.0 271	38.7 0.0 271	38.7 0.0 271
15	48.7 28.4 354	54.6 18.9 354	60.5 9.5 354	66.4 0.0 271	70.5 9.0 151	74.6 18.0 151	78.7 27.0 151	51.9 33.9 305	50.9 27.1 305	49.9 20.3 305	49.0 13.6 305	48.0 6.8 305	47.0 0.0 271	46.4 11.5 96	45.8 23.1 96	45.1 34.6 96	43.8 0.0 271	43.8 0.0 271	43.8 0.0 271	43.8 0.0 271
16	49.6 33.3 345	55.5 24.0 341	61.4 14.8 334	67.3 6.8 305	71.5 6.8 236	75.6 11.7 186	79.7 19.7 171	43.1 40.7 305	42.2 33.9 305	41.2 27.1 305	40.3 20.3 305	39.3 13.6 305	38.3 6.8 305	37.4 0.0 271	36.7 11.5 96	36.1 23.1 96	49.0 0.0 271	49.0 0.0 271	49.0 0.0 271	49.0 0.0 271
17	50.6 38.7 338	56.5 29.7 334	62.4 21.0 325	68.3 13.6 305	72.4 11.2 270	76.5 13.6 236	80.6 16.9 204	34.4 47.4 305	33.5 40.7 305	32.5 33.9 305	31.5 27.1 305	30.6 20.3 305	29.6 13.6 305	28.6 6.8 305	27.7 0.0 271	27.1 11.5 96	54.1 0.0 271	54.1 0.0 271	54.1 0.0 271	54.1 0.0 271
18	51.5 44.5 334	57.5 35.8 328	63.4 27.5 320	69.3 20.3 305	73.4 17.2 283	77.5 17.2 258	81.6 20.4 236	25.7 54.2 305	24.8 47.4 305	23.8 40.7 305	22.8 33.9 305	21.9 27.1 305	20.9 20.3 305	19.9 13.5 305	19.0 6.8 305	18.0 0.0 271	59.3 0.0 271	59.3 0.0 271	59.3 0.0 271	59.3 0.0 271
19	58.5 76.5 53	63.8 75.6 61	69.2 76.3 69	74.5 78.4 77	79.8 81.9 84	85.1 86.6 91	90.4 92.3 96	95.4 0.0 271	89.8 9.0 151	84.3 18.0 151	78.7 27.0 151	73.2 35.9 151	67.6 44.9 151	62.0 53.9 151	56.5 62.9 151	50.9 71.9 151	64.5 0.0 271	64.5 0.0 271	64.5 0.0 271	64.5 0.0 271
20	59.2 68.7 46	64.5 66.6 55	69.8 66.3 64	75.1 67.6 73	80.4 70.7 82	85.7 75.1 90	91.0 80.8 96	89.5 9.5 354	85.7 0.0 271	80.2 9.0 151	74.6 18.0 151	69.0 27.0 151	63.5 36.0 151	57.9 44.9 151	52.4 53.9 151	46.8 62.9 151	69.6 0.0 271	69.6 0.0 271	69.6 0.0 271	69.6 0.0 271
21	59.8 62.0 38	65.1 58.5 47	70.4 56.8 58	75.7 57.2 69	81.0 59.6 79	86.3 63.7 88	91.6 69.2 96	83.6 18.9 354	79.8 9.5 354	76.1 0.0 271	70.5 9.0 151	64.9 18.0 151	59.4 27.0 151	53.8 36.0 151	48.2 44.9 151	42.7 53.9 151	74.8 0.0 271	74.8 0.0 271	74.8 0.0 271	74.8 0.0 271
22	59.8 58.8 31	65.7 51.6 38	71.0 48.3 49	76.3 47.3 62	81.6 48.7 75	87.0 52.3 87	92.3 57.7 96	77.7 28.4 354	73.9 18.9 354	70.2 9.5 354	66.4 0.0 271	60.8 9.0 151	55.3 18.0 151	49.7 27.0 151	44.1 36.0 151	38.6 44.9 151	79.9 0.0 271	79.9 0.0 271	79.9 0.0 271	79.9 0.0 271
23	59.9 56.5 24	65.8 48.6 30	71.7 41.3 38	77.0 38.3 53	82.3 38.1 69	87.6 40.9 84	92.9 46.2 96	71.8 37.9 354	68.0 28.4 354	64.2 18.9 354	60.5 9.5 354	56.7 0.0 271	51.1 9.0 151	45.6 18.0 151	40.0 27.0 151	34.5 35.9 151	85.1 0.0 271	85.1 0.0 271	85.1 0.0 271	85.1 0.0 271
24	59.9 55.1 17	65.8 46.5 21	71.7 38.4 28	77.6 31.0 38	82.9 28.4 58	88.2 29.8 79	93.5 34.6 96	65.9 47.3 354	62.1 37.9 354	58.3 28.4 354	54.6 18.9 354	50.8 9.5 354	47.0 0.0 271	41.5 9.0 151	35.9 18.0 151	30.3 27.0 151	90.3 0.0 271	90.3 0.0 271	90.3 0.0 271	90.3 0.0 271
25	59.9 54.6 9	65.8 45.6 12	71.7 36.7 17	77.6 28.2 24	83.5 20.6 38	88.8 19.1 69	94.1 23.1 96	59.9 56.8 354	56.2 47.3 354	52.4 37.9 354	48.7 28.4 354	44.9 18.9 354	41.1 9.5 354	37.4 0.0 271	31.8 9.0 151	26.2 18.0 151	95.4 0.0 271	95.4 0.0 271	95.4 0.0 271	95.4 0.0 271
26	59.9 55.2 1	65.8 45.9 3	71.7 36.5 5	77.7 27.3 9	83.6 18.3 17	89.5 10.3 38	94.8 11.5 96	54.0 66.3 354	50.3 56.8 354	46.5 47.3 354	42.7 37.9 354	39.0 28.4 354	35.2 18.9 354	31.5 9.5 354	27.7 0.0 271	22.1 9.0 151	18.0 0.0 271	47.9 82.6 38	90.4 92.3 96	50.9 71.9 151
27	59.9 56.8 354	65.9 47.3 354	71.8 37.9 354	77.7 28.4 354	83.6 18.9 354	89.5 9.5 354	95.4 0.0 271	48.1 75.7 354	44.4 66.3 354	40.6 56.8 354	36.8 47.3 354	33.1 37.9 354	29.3 28.4 354	25.5 18.9 354	21.8 9.5 354	18.0 0.0 271	95.4 0.0 271	58.6 54.3 236	25.7 54.2 305	48.1 75.7 354

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* **= 16 hues** ***r00j, r25j, ..., b75r***
contrast reduction factor:
$c_R = 1.0$

ORS18_95aM; adapted (a) CIELAB data

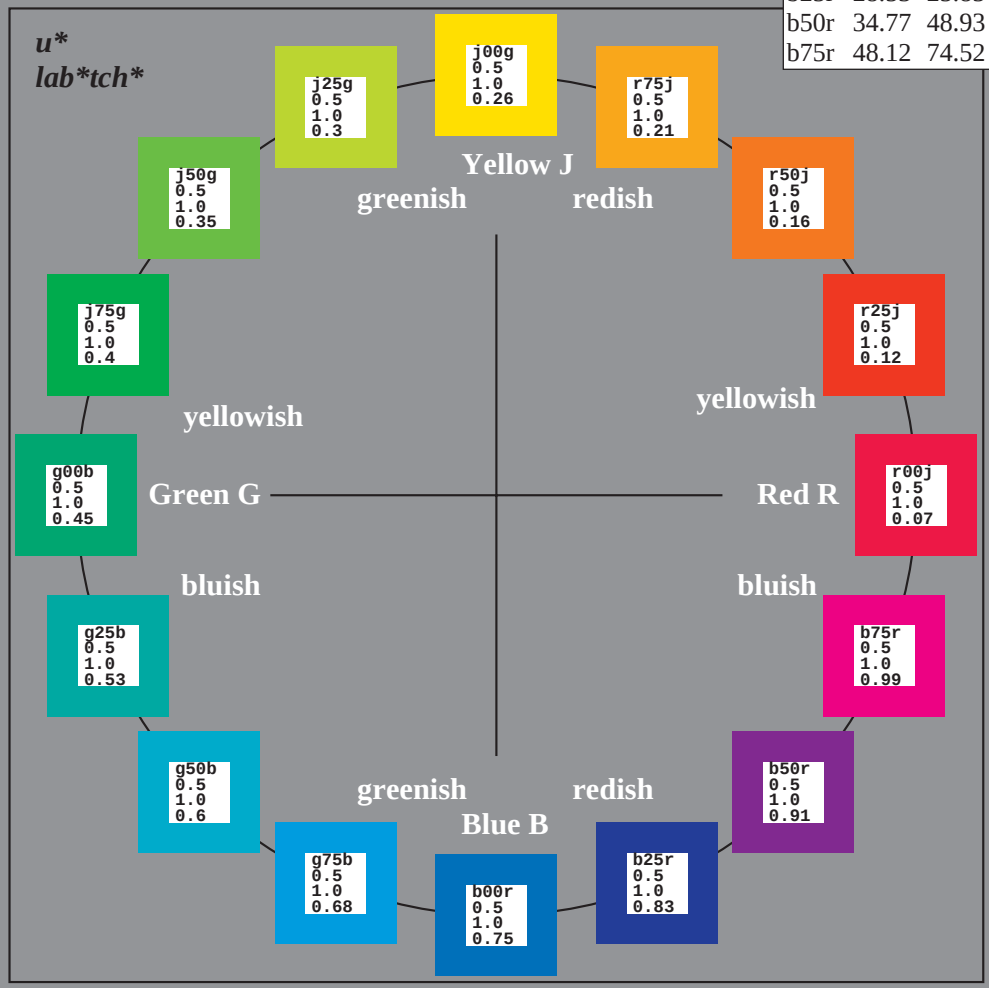
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

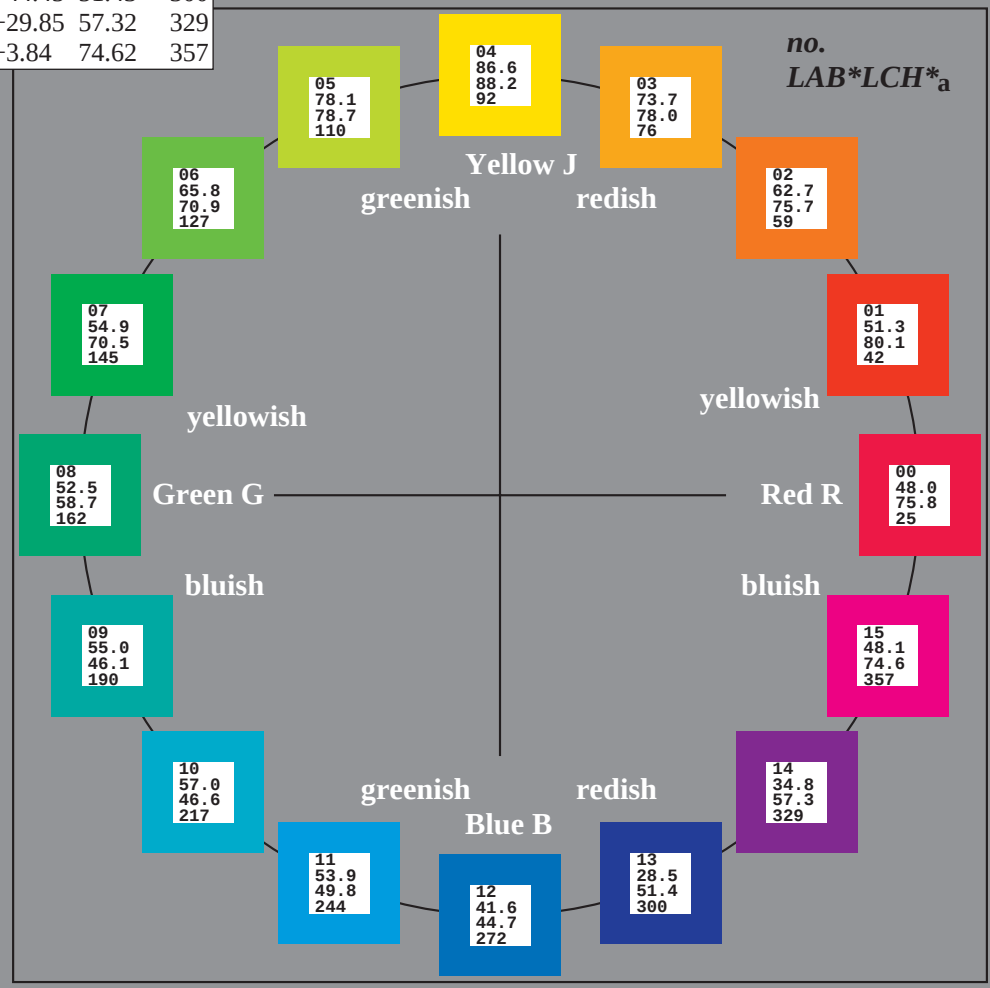


%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

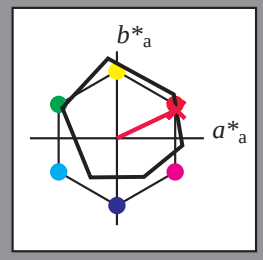




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

$u^* = r00j$
lab^*tch^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r00j$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Data for maximum colour (Ma):

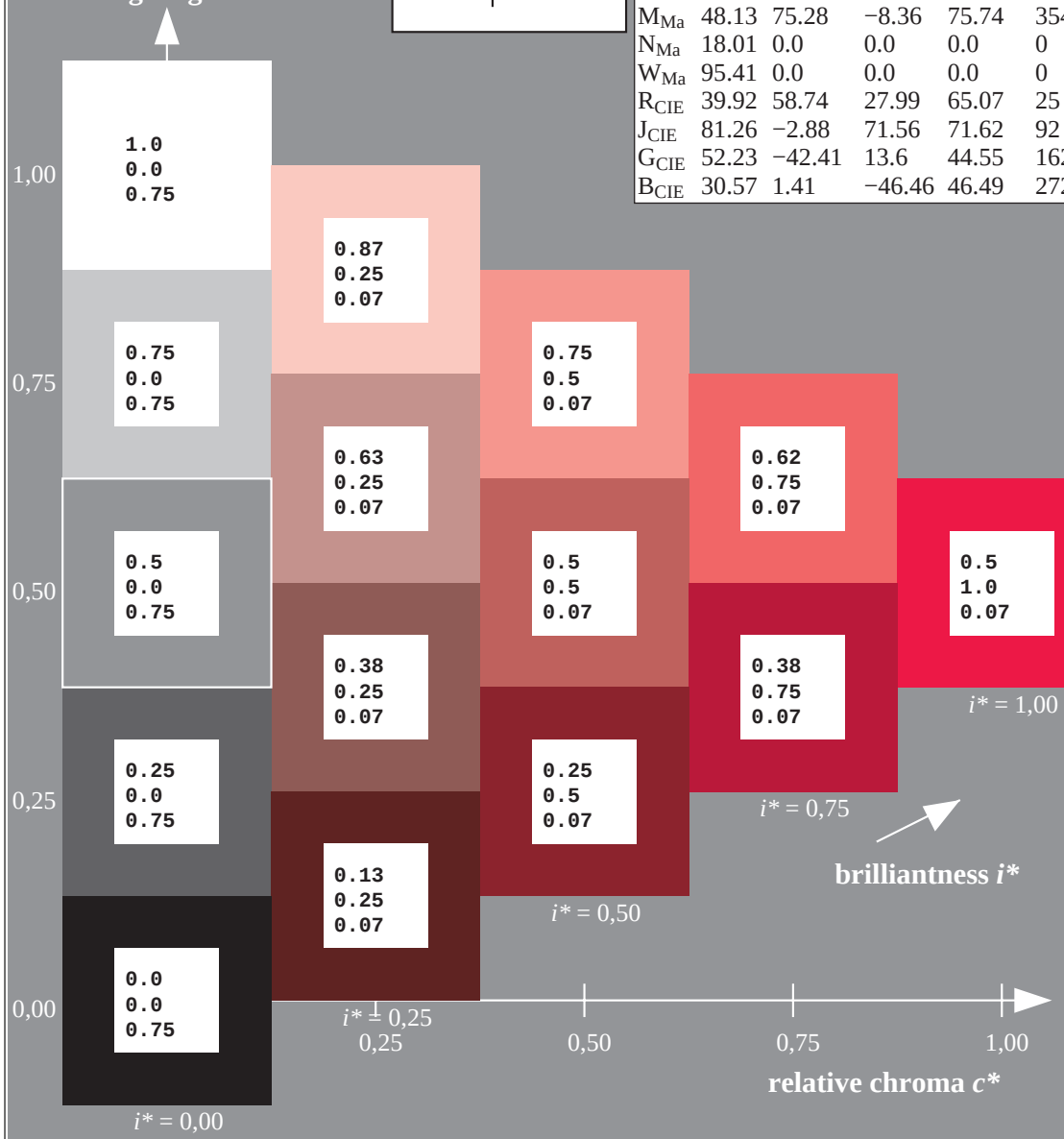
$LAB^*LAB^*_{Ma}$: 48 68 33
$LAB^*LCH^*_{Ma}$: 48 76 25
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
$lab^*olv^*_{Ma}$: 1.0 0.0 0.3

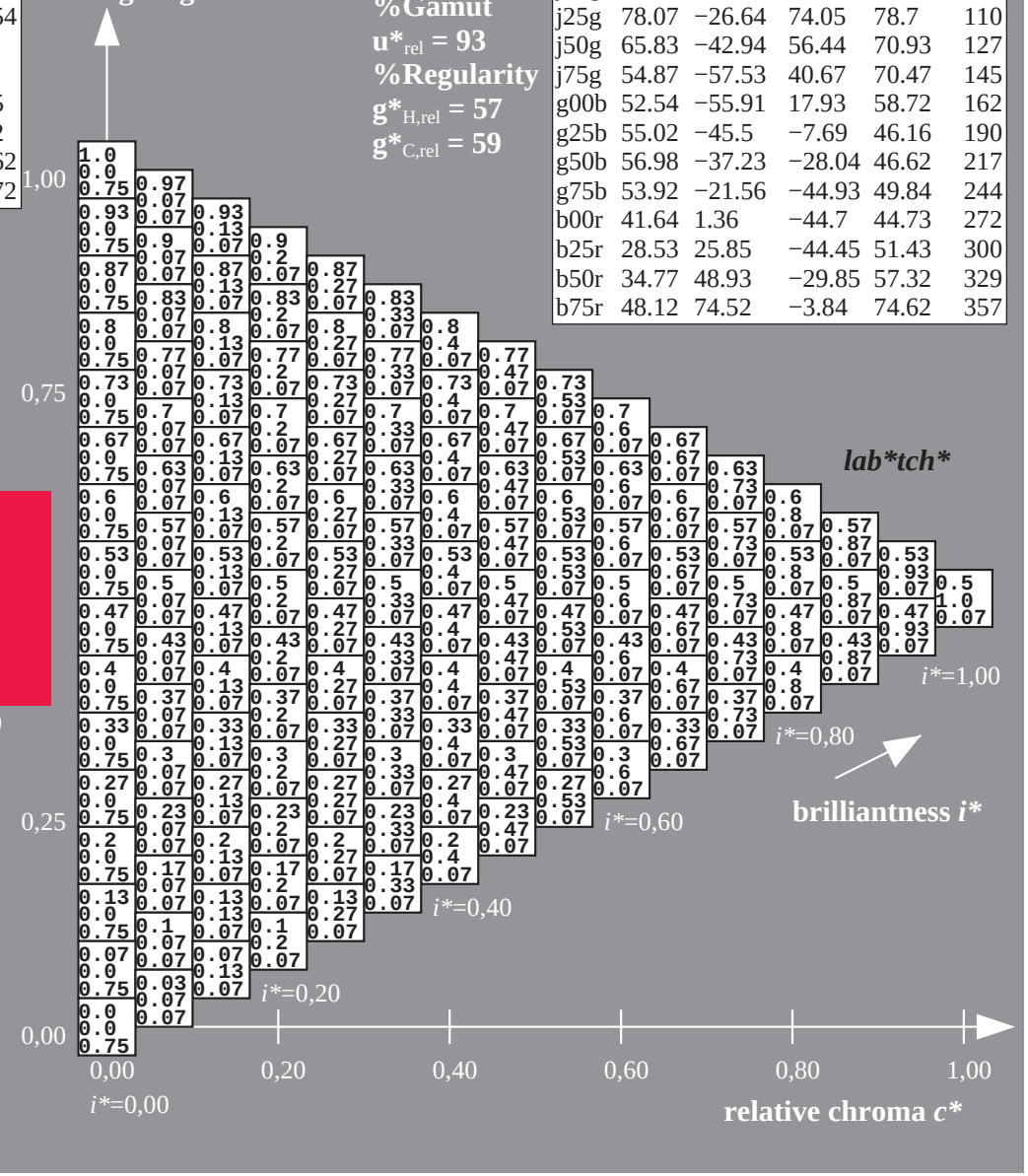
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

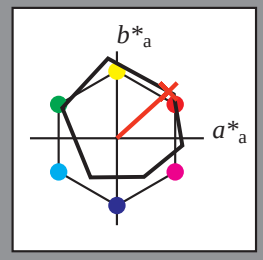




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

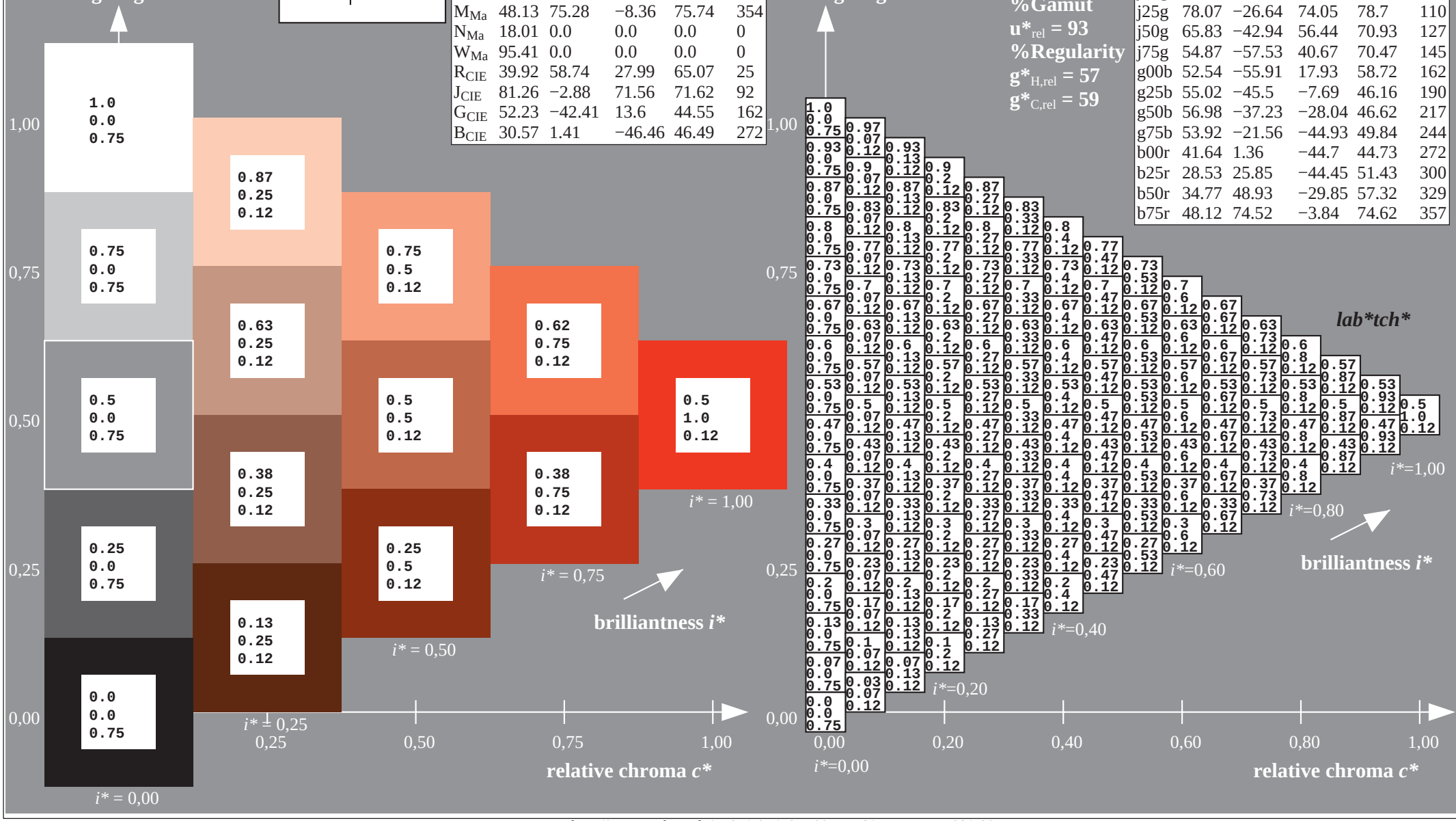
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 51 59 54
$LAB^*LCH^*_{Ma}$: 51 80 42
$lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
$lab^*olv^*_{Ma}$: 1.0 0.08 0.0

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

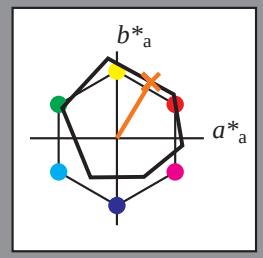
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

$u^* = r50j$
lab^*tch^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$



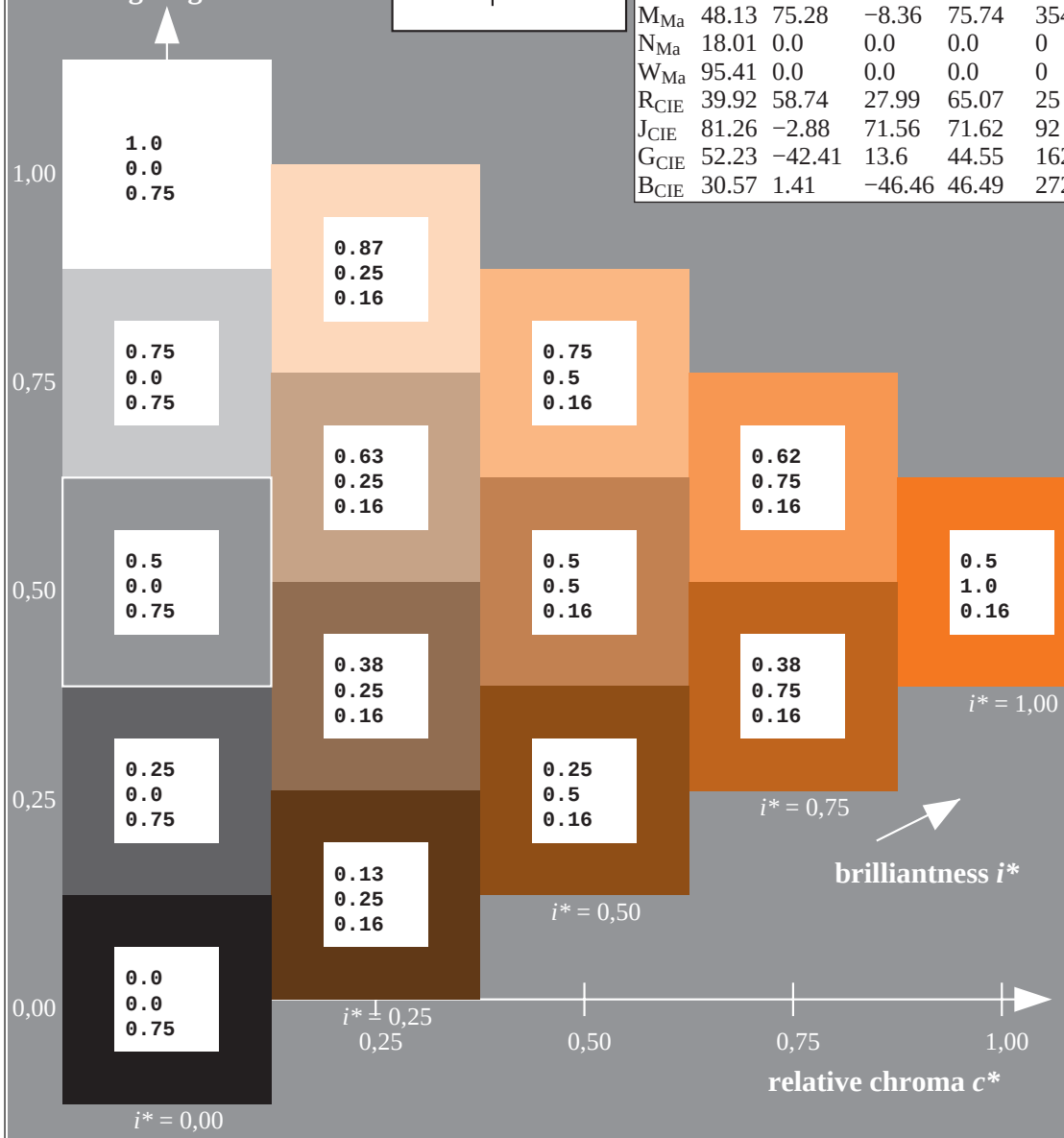
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 39 65
$LAB^*LCH^*_{Ma}$: 63 76 59
$lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
$lab^*olv^*_{Ma}$: 1.0 0.35 0.0

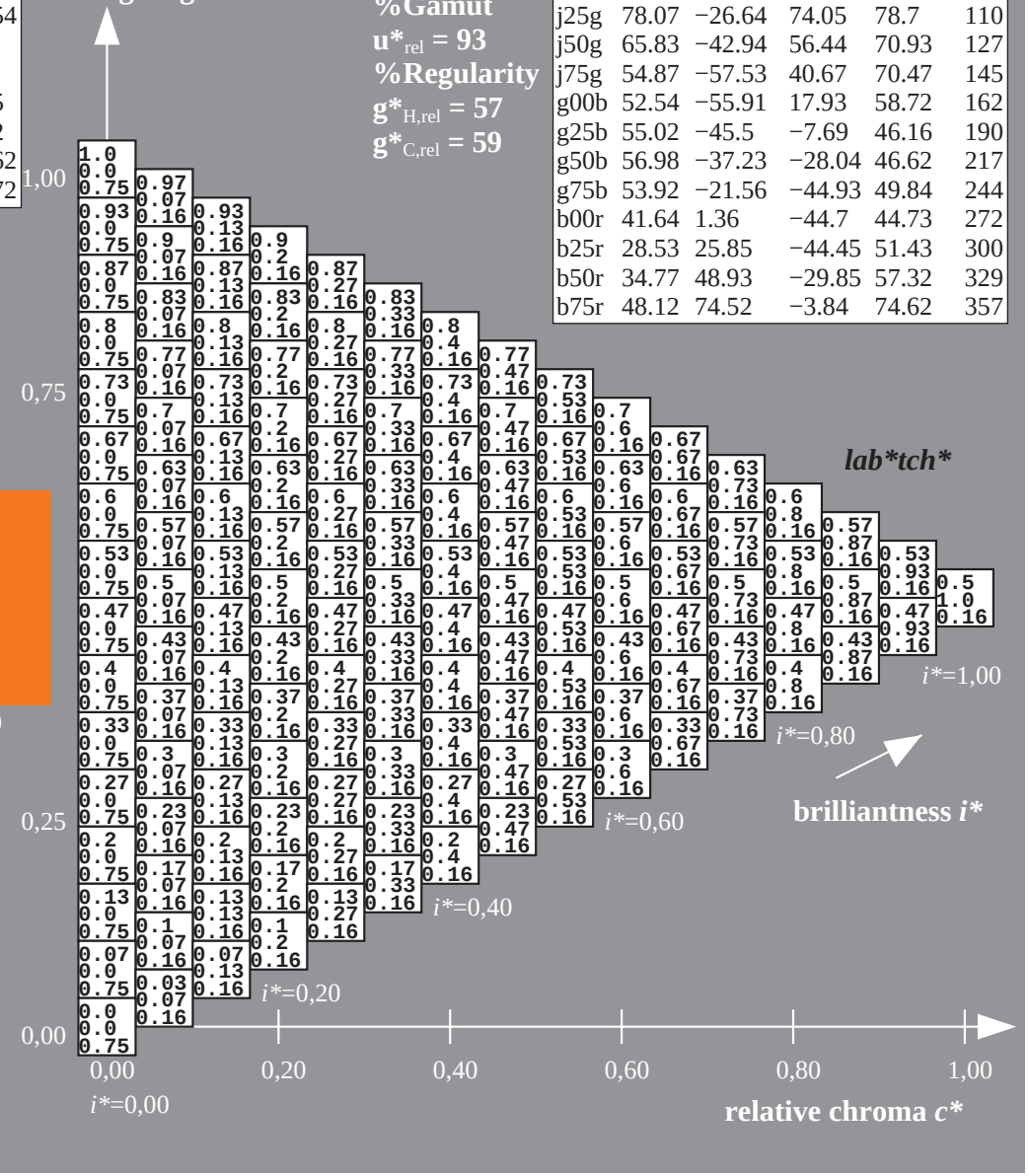
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



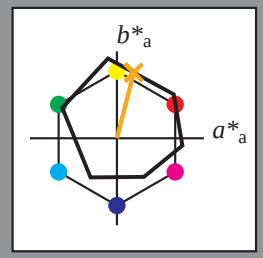
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

lab^*tch^*



Input and output: Colorimetric Printer Reflective System ORS18_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:
$c_R = 1.0$
triangle lightness *t**



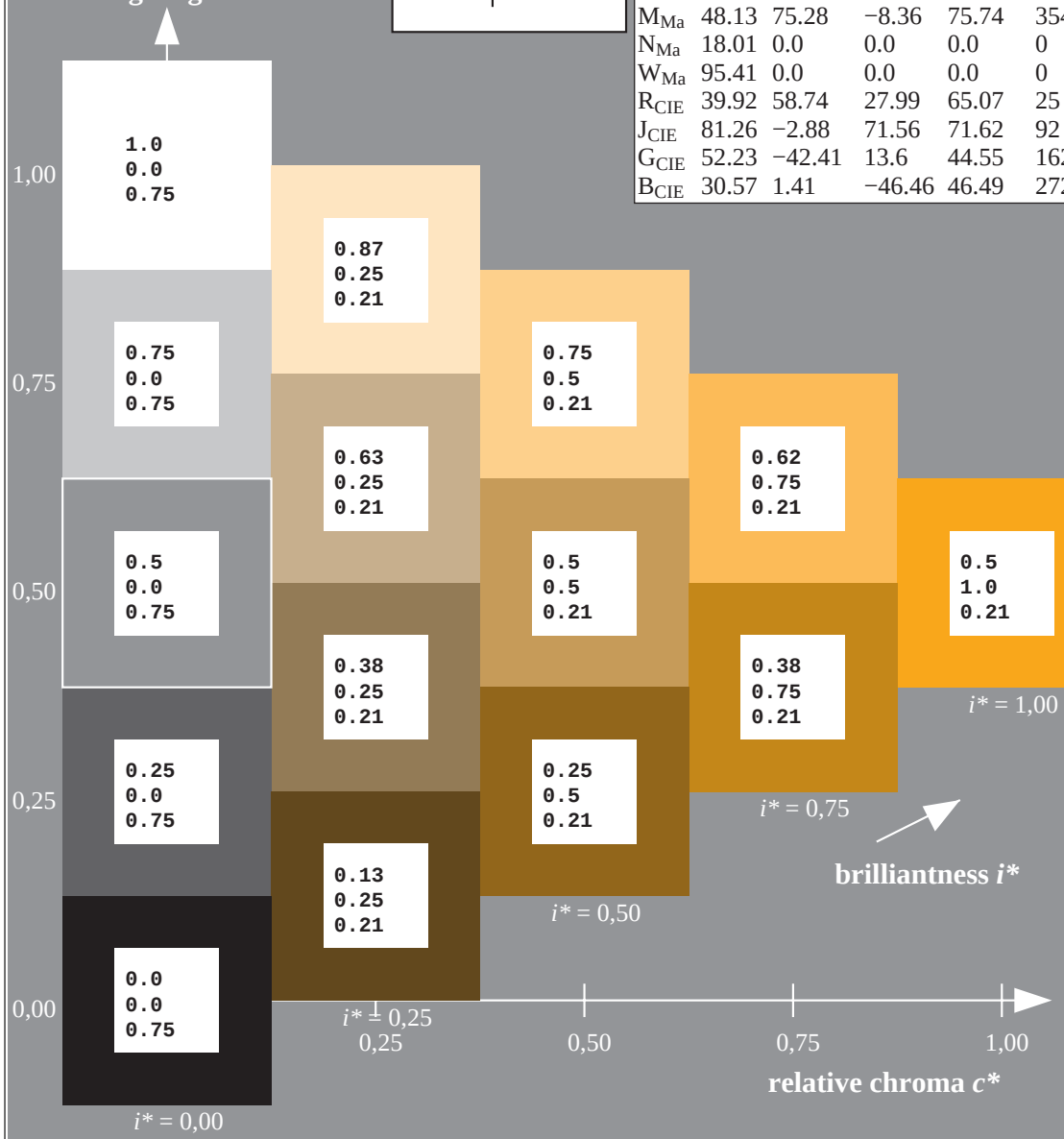
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

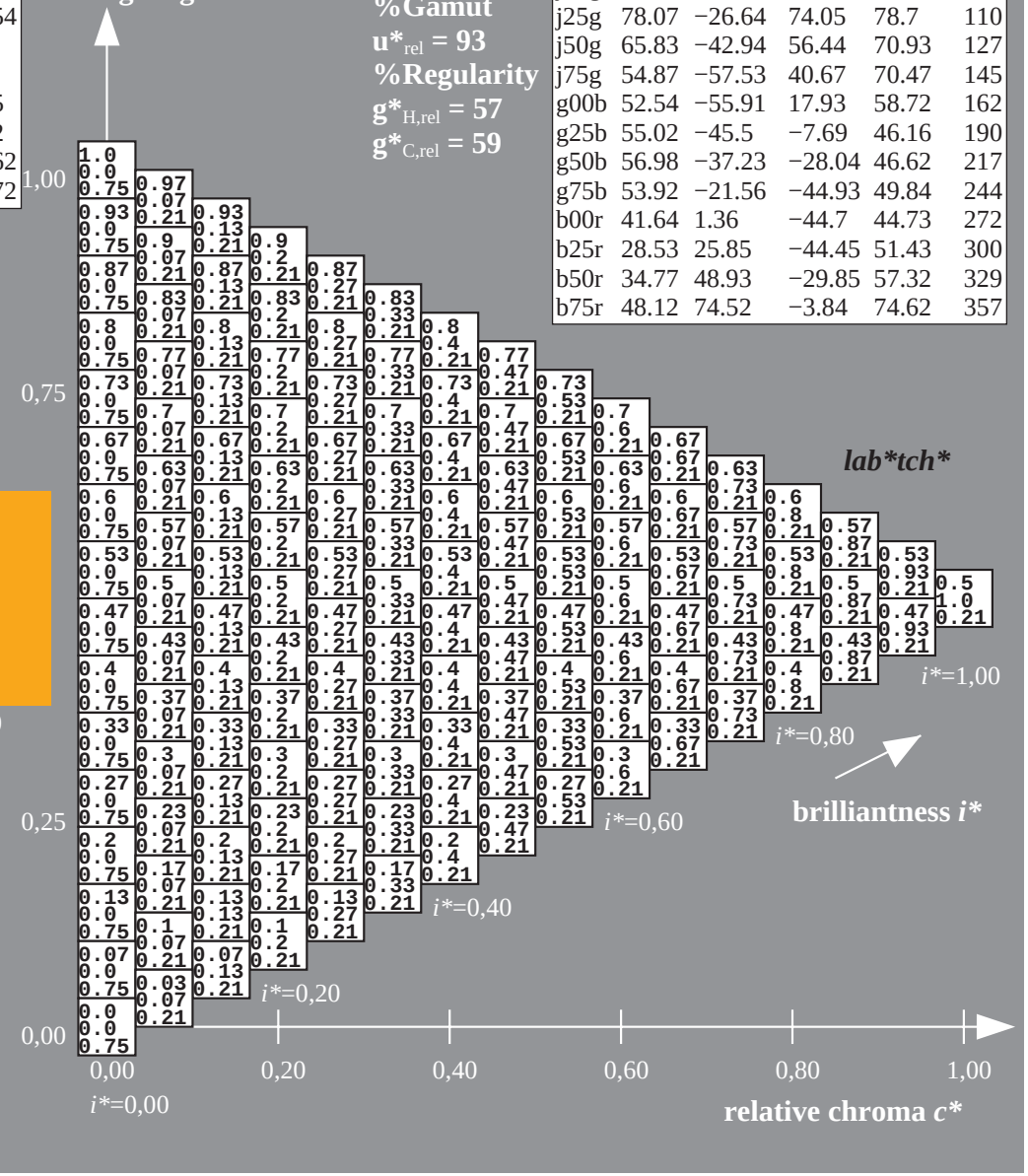
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 74 19 76
*LAB*LCH**$_{Ma}$: 74 78 76
*lab*rgb**$_{Ma}$: 1.0 0.75 0.0
*lab*olv**$_{Ma}$: 1.0 0.61 0.0
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

u* = r75j
lab*tch*

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

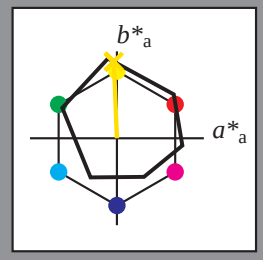




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j00g$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −3 88**

***$LAB^*LCH^*_{Ma}$*: 87 88 92**

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

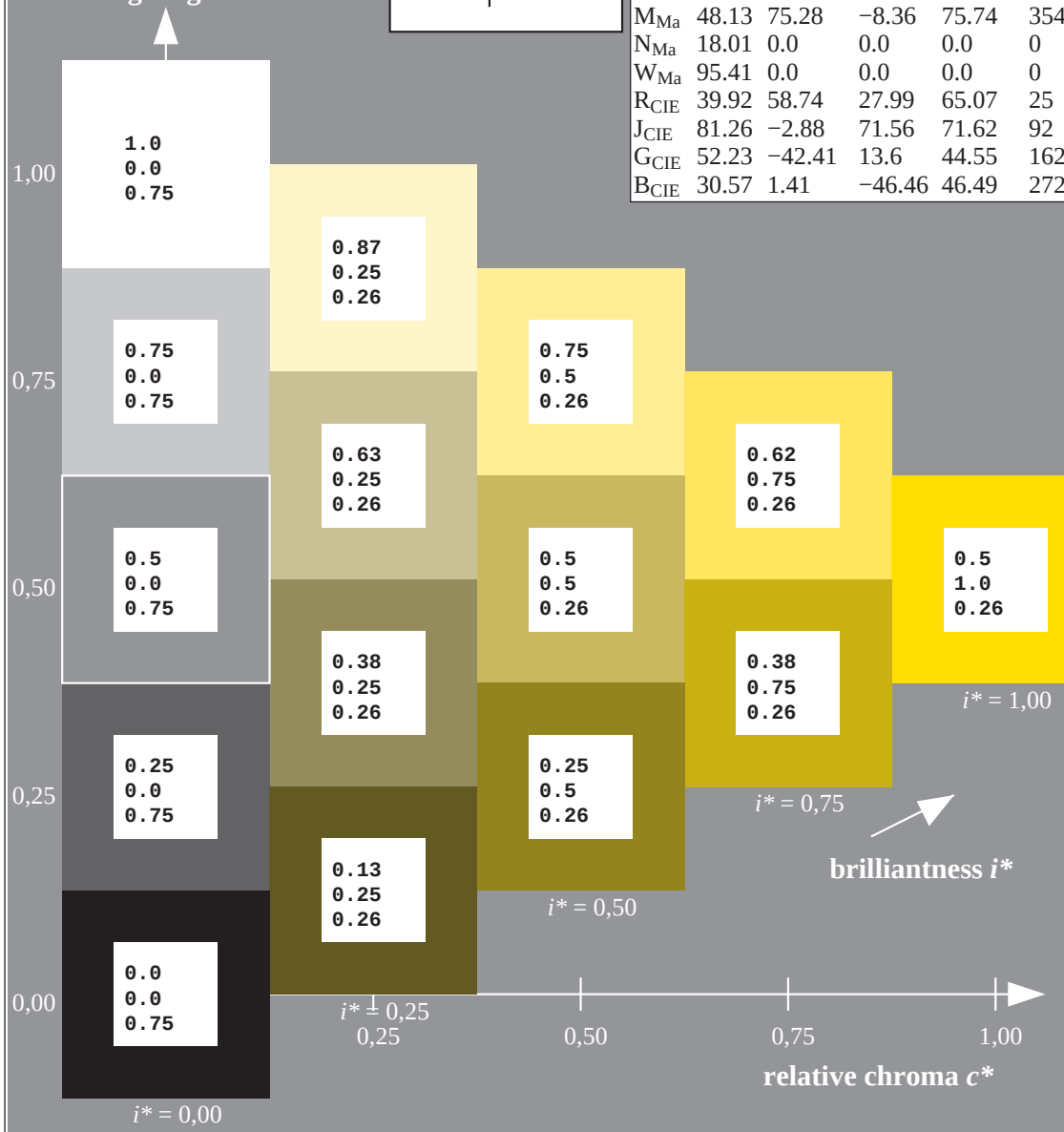
***$lab^*olv^*_{Ma}$*: 1.0 0.91 0.0**

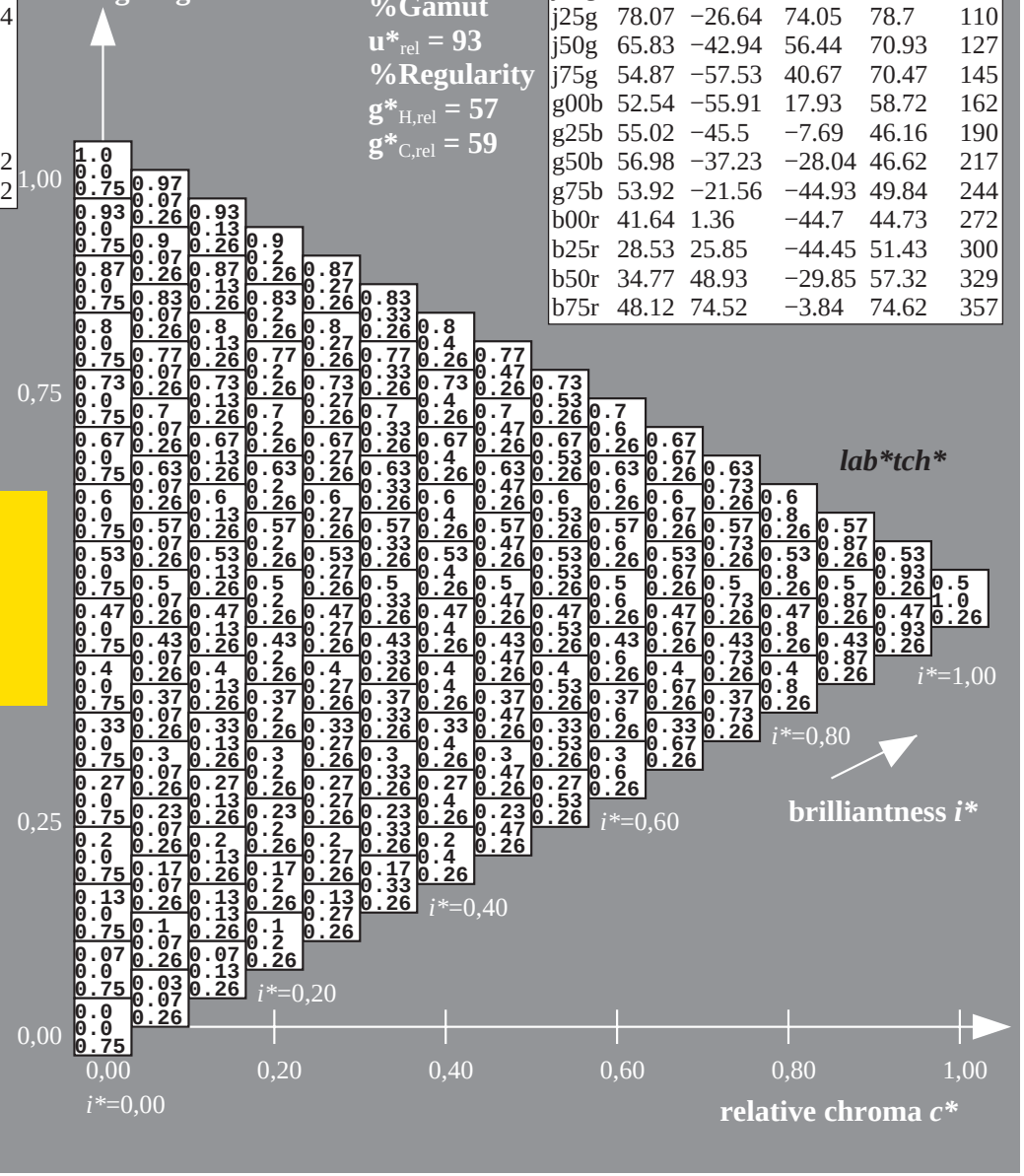
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

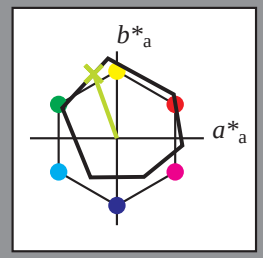




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

$u^* = j25g$
lab^*tch^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

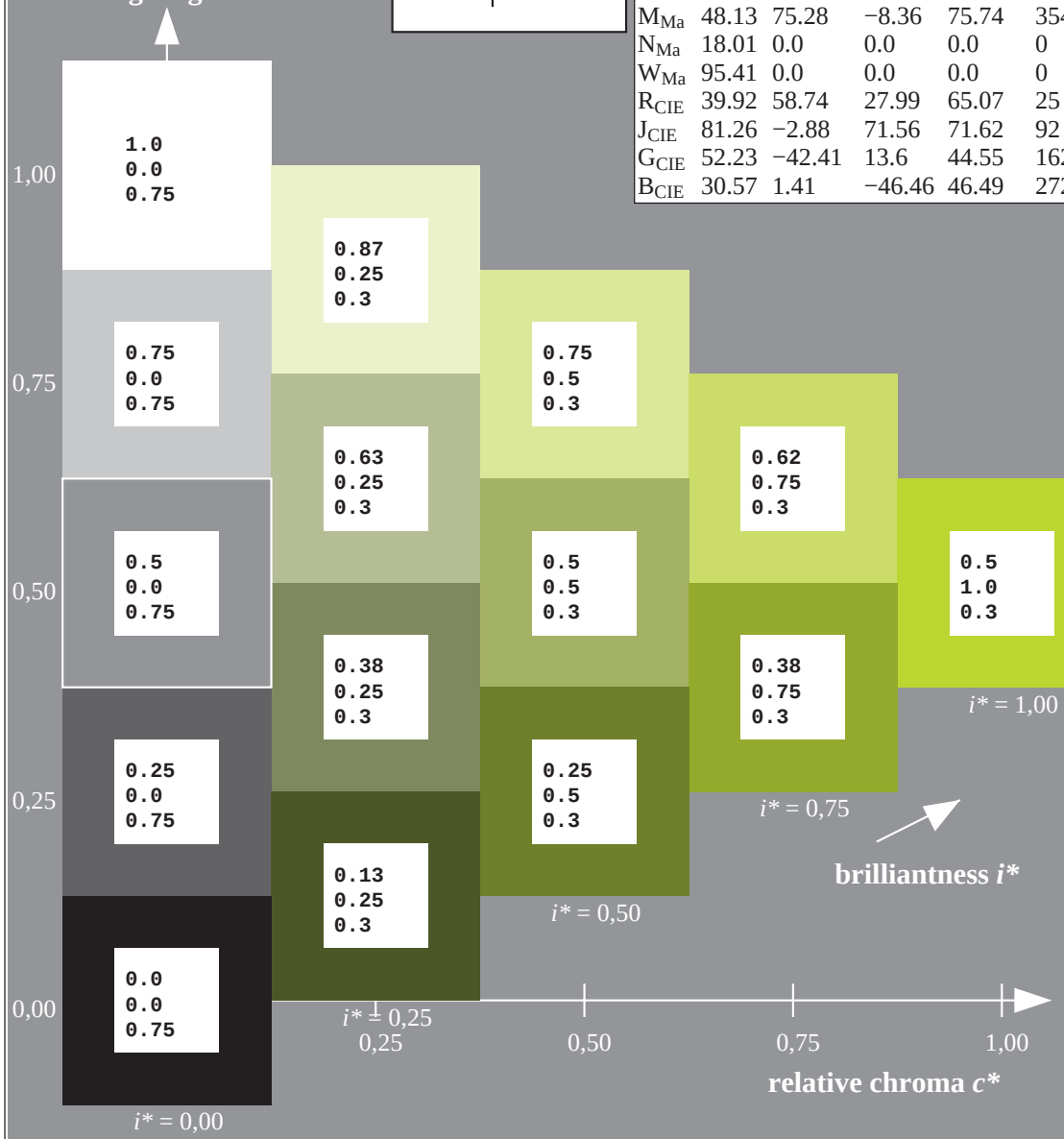
Data for maximum colour (Ma):

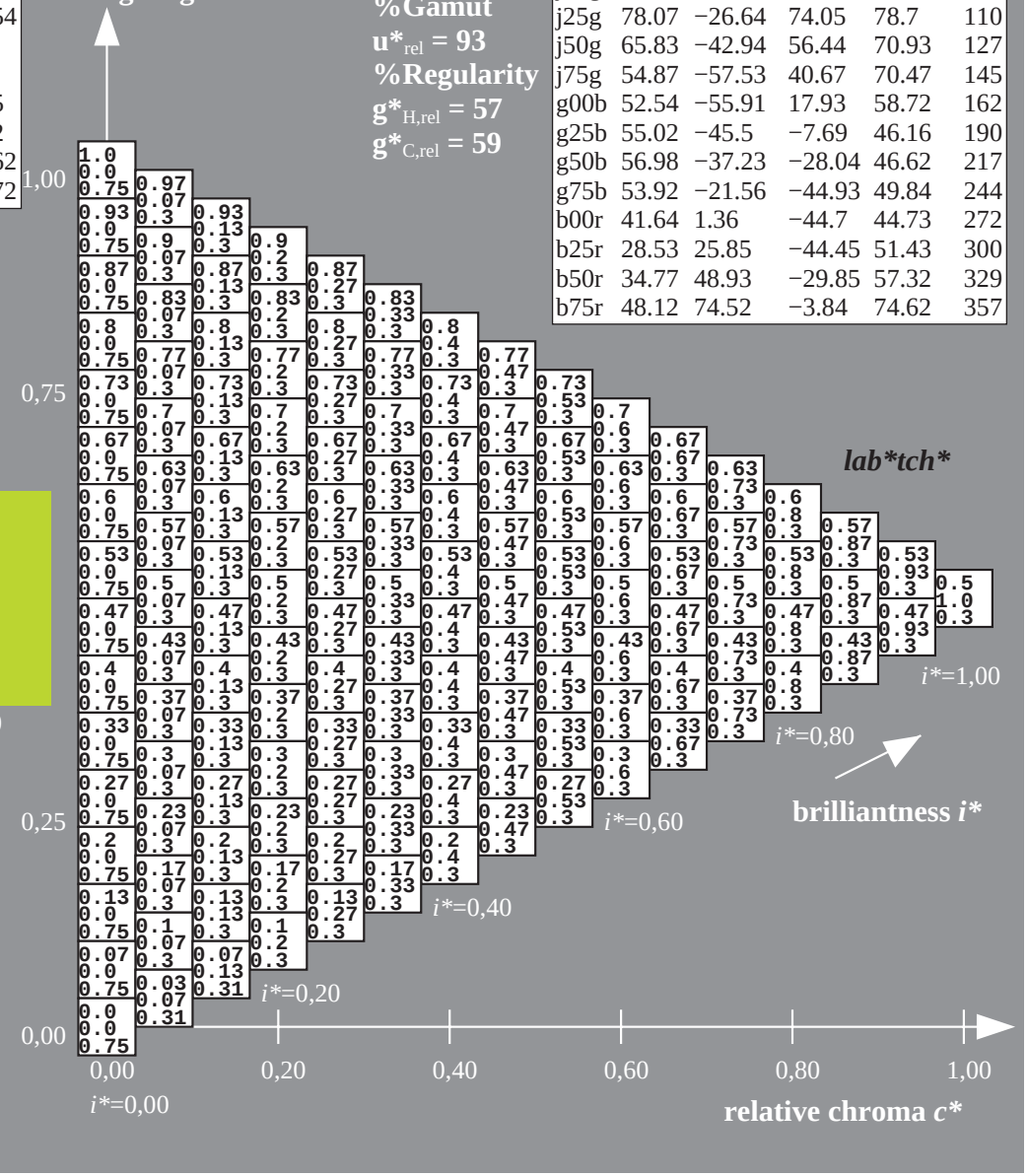
$LAB^*LAB^*_{Ma}$: 78 −26 74
$LAB^*LCH^*_{Ma}$: 78 79 110
$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
$lab^*olv^*_{Ma}$: 0.69 1.0 0.0

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

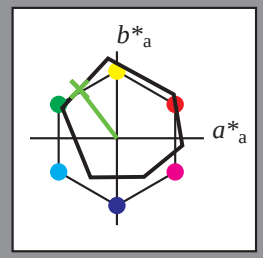




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −42 56

$LAB^*LCH^*_{Ma}$: 66 71 127

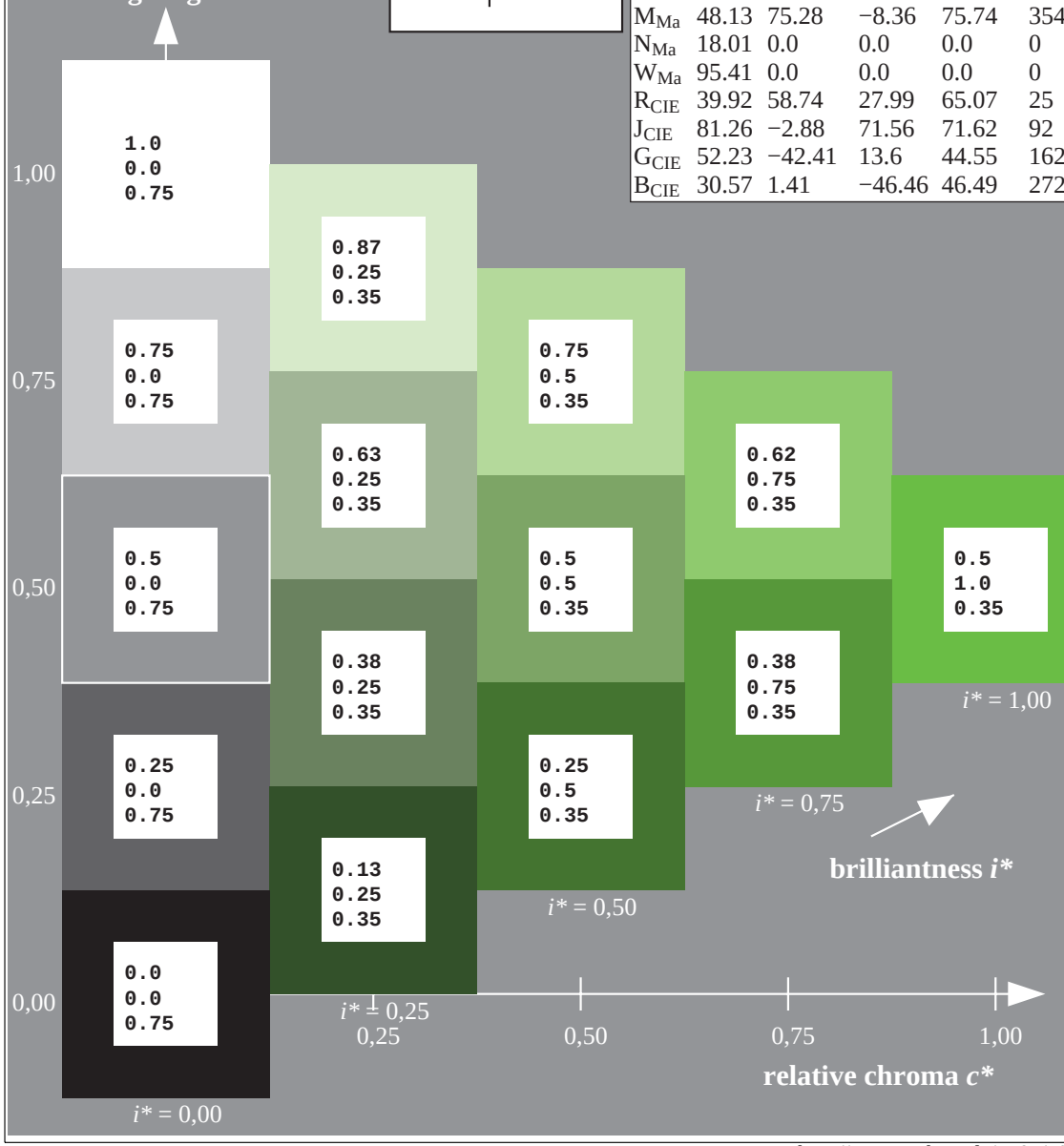
$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0

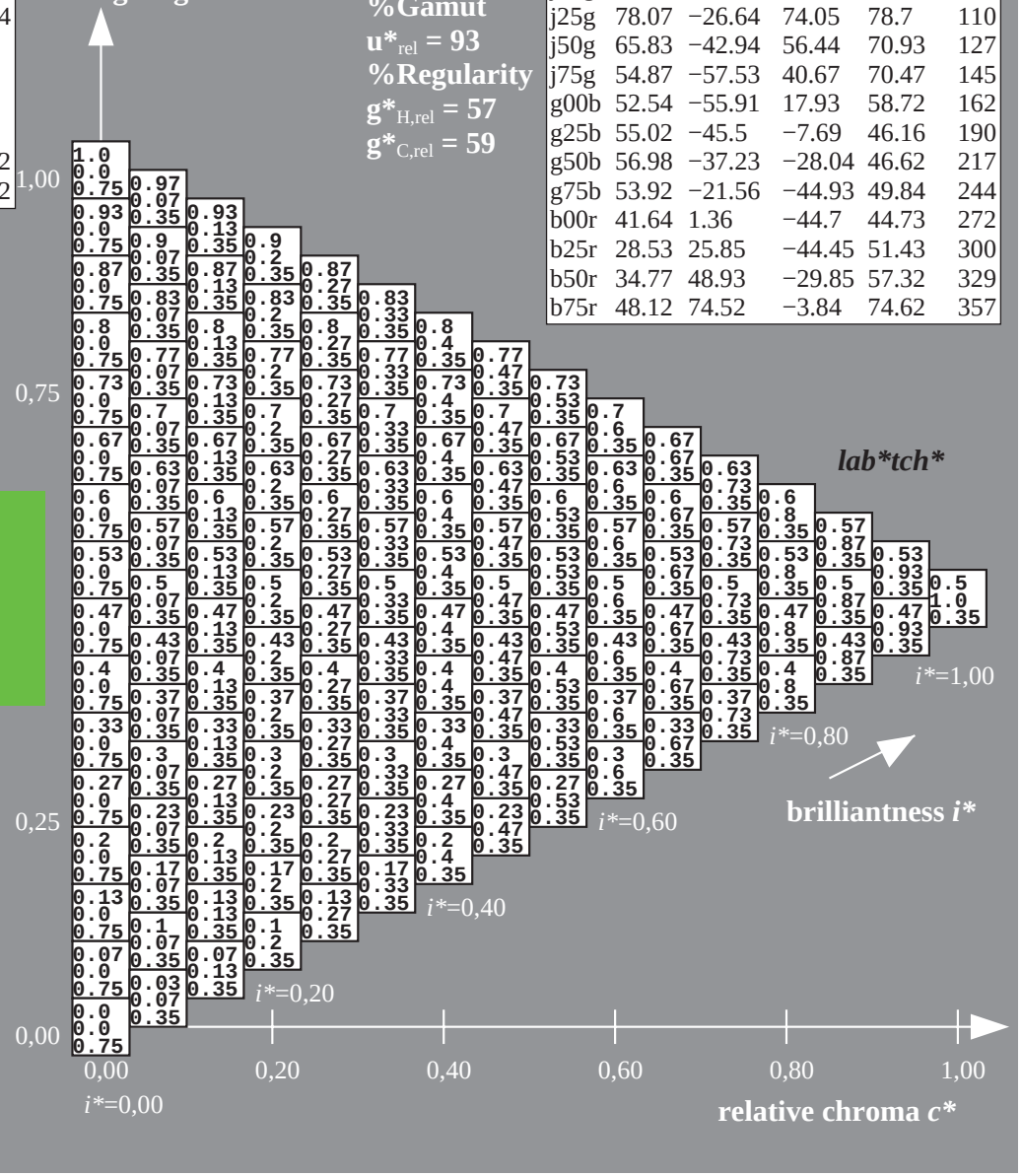
$lab^*olv^*_{Ma}$: 0.38 1.0 0.0

triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

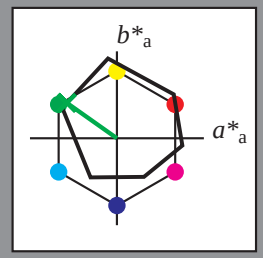




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

$u^* = j75g$
lab^*tch^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

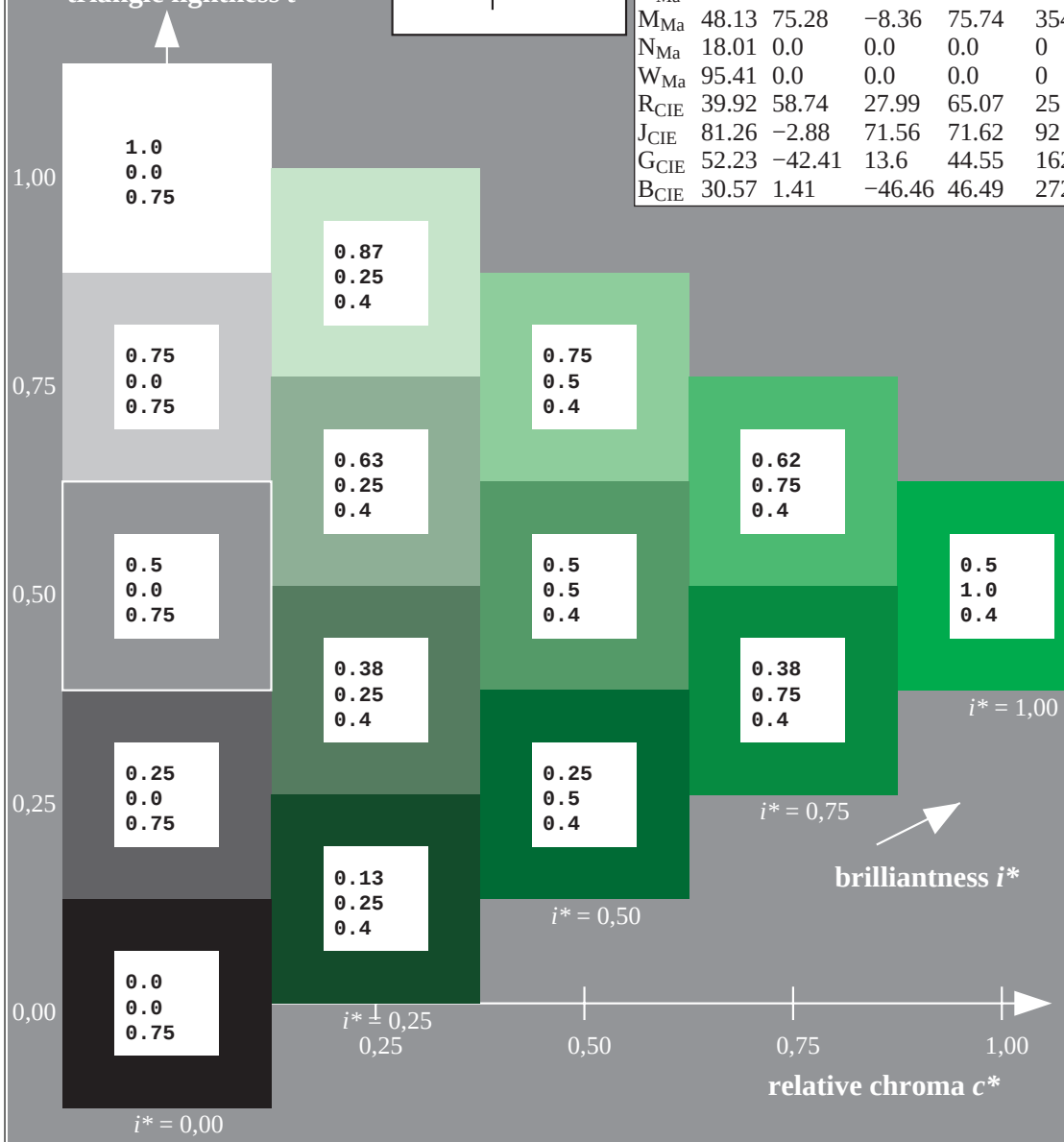
Data for maximum colour (Ma):

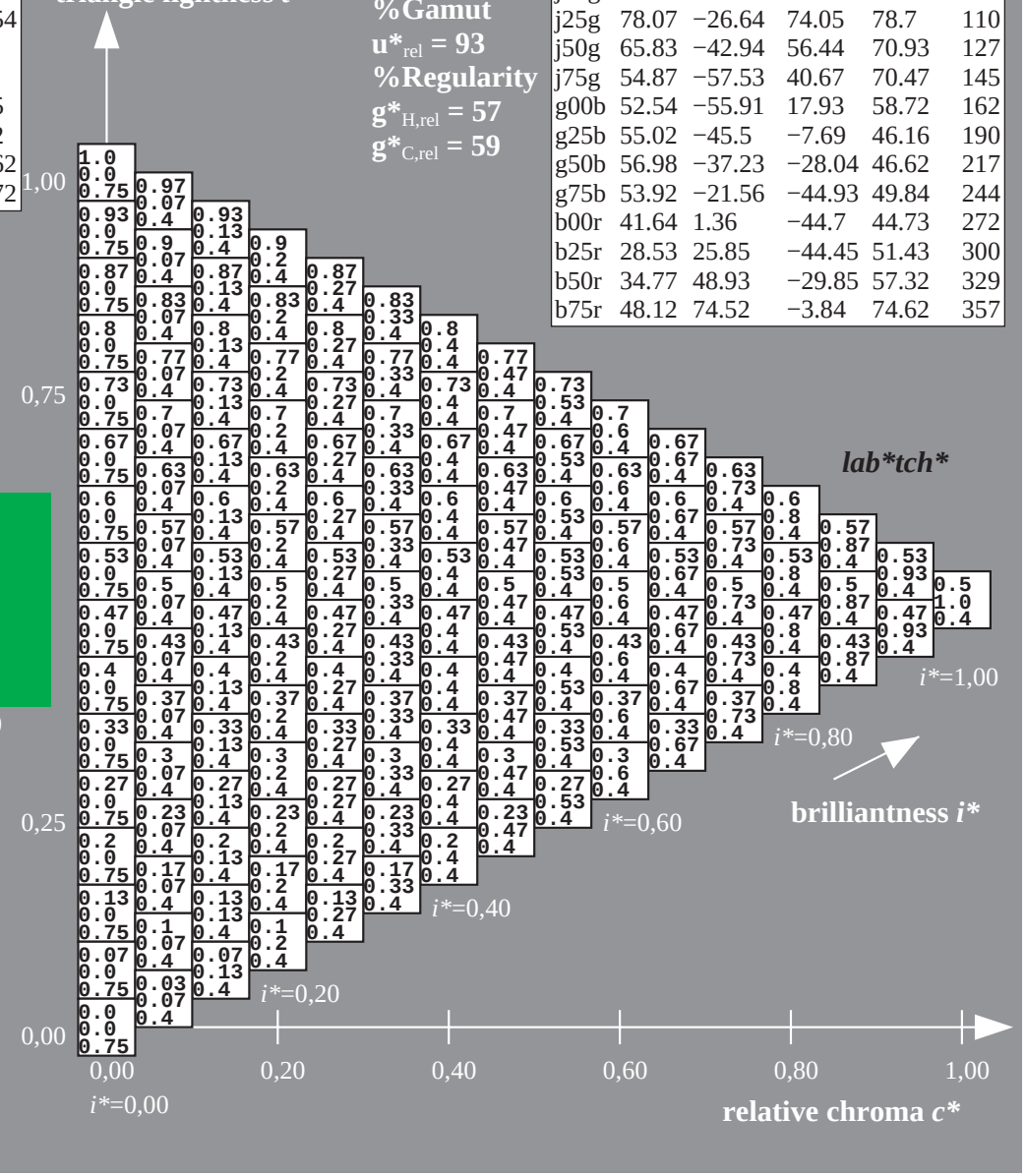
$LAB^*LAB^*_{Ma}$: 55 −57 41
$LAB^*LCH^*_{Ma}$: 55 70 145
$lab^*rgb^*_{Ma}$: 0.25 1.0 0.0
$lab^*olv^*_{Ma}$: 0.1 1.0 0.0

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

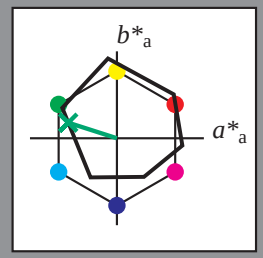




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

$u^* = g00b$
lab^*tch^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = g00b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

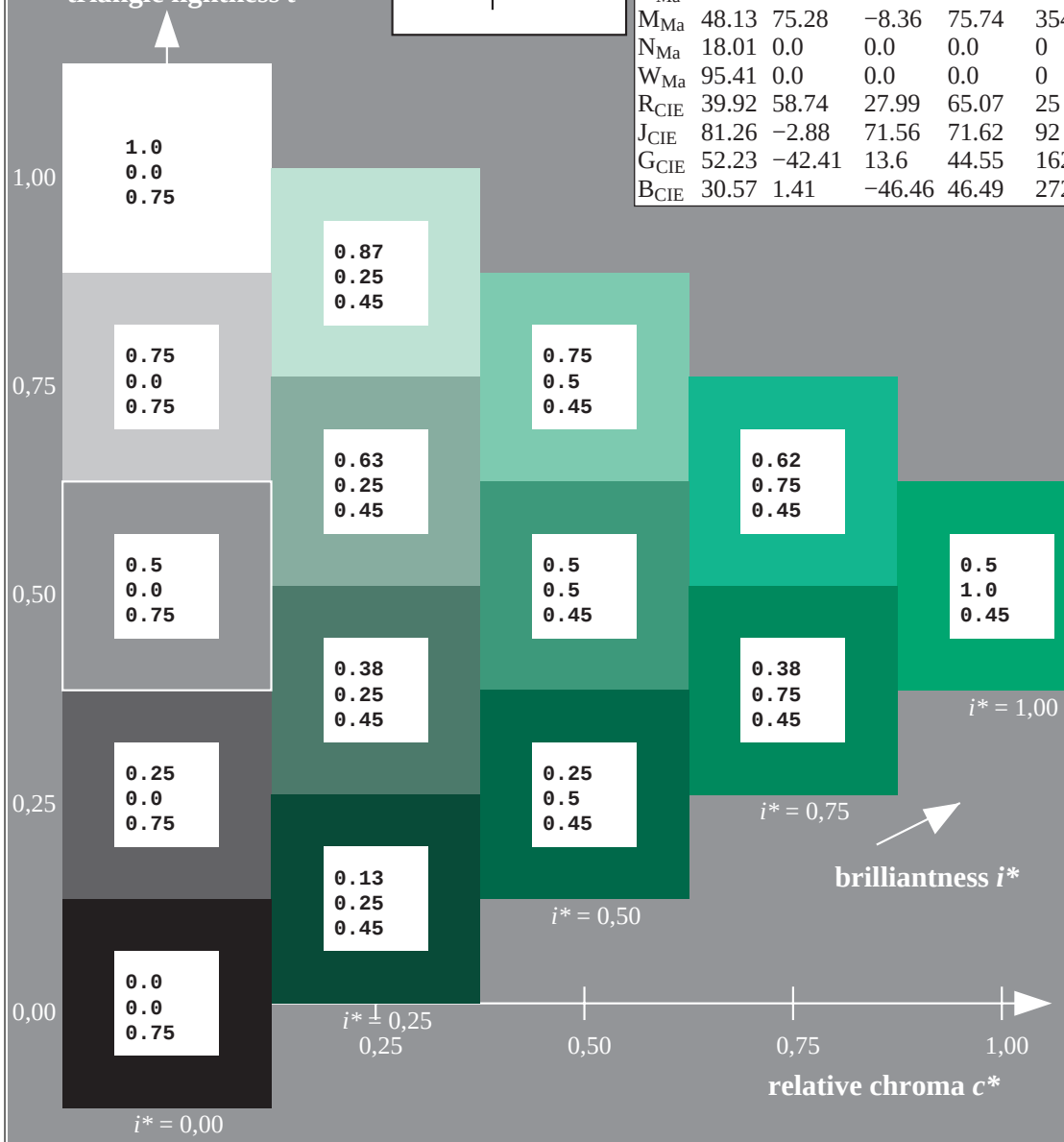
Data for maximum colour (Ma):

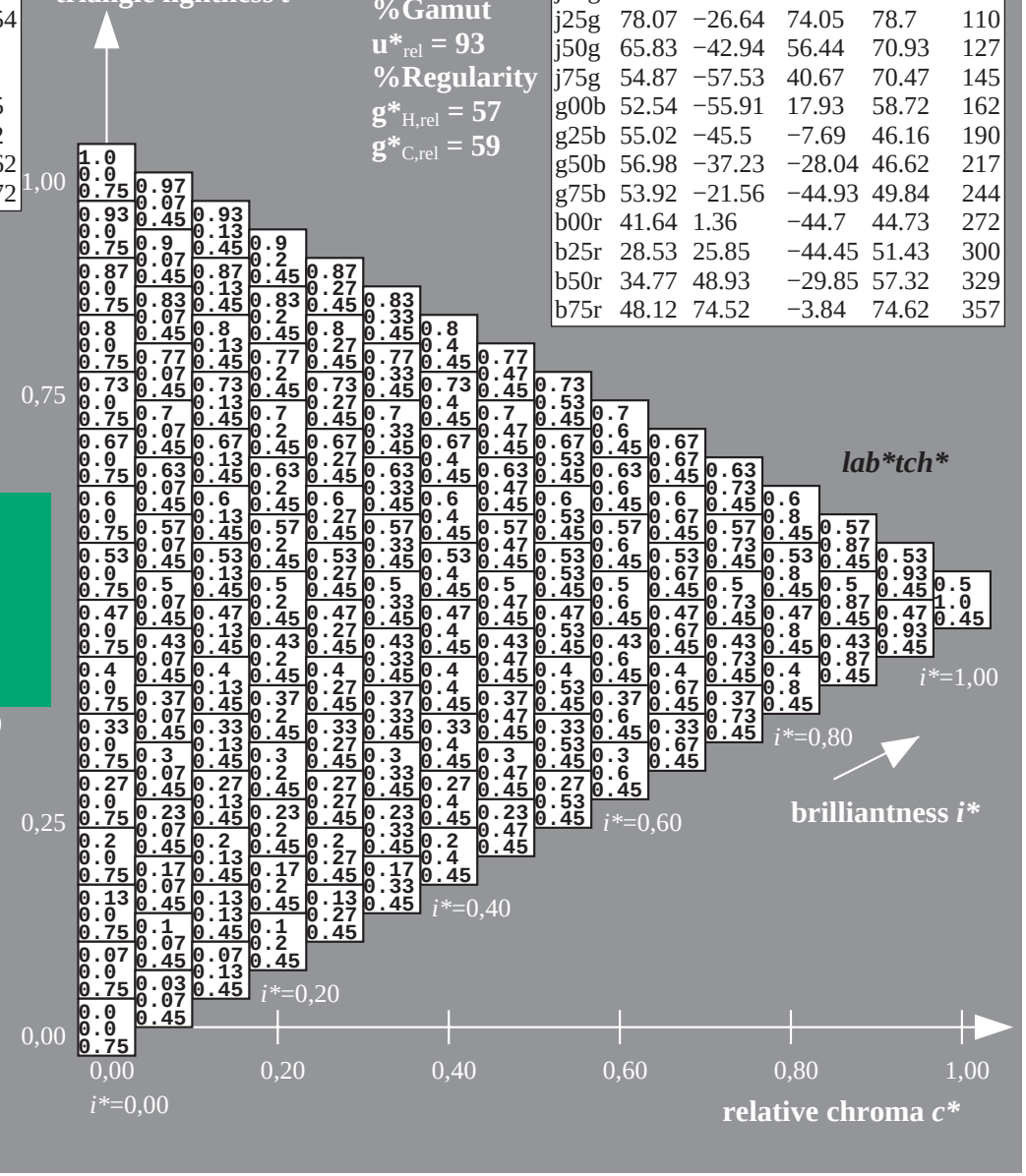
$LAB^*LAB^*_{Ma}$: 53 −55 18
$LAB^*LCH^*_{Ma}$: 53 59 162
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.21
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

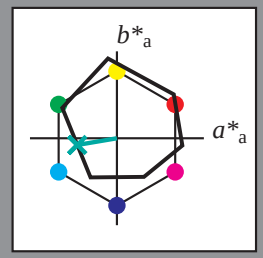




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

$u^* = g25b$
lab^*tch^*

data for any colour:
lab^*tch^** and *lab^*icu^*
elementary hue text:
$u^* = g25b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −45 −7**

***$LAB^*LCH^*_{Ma}$*: 55 46 190**

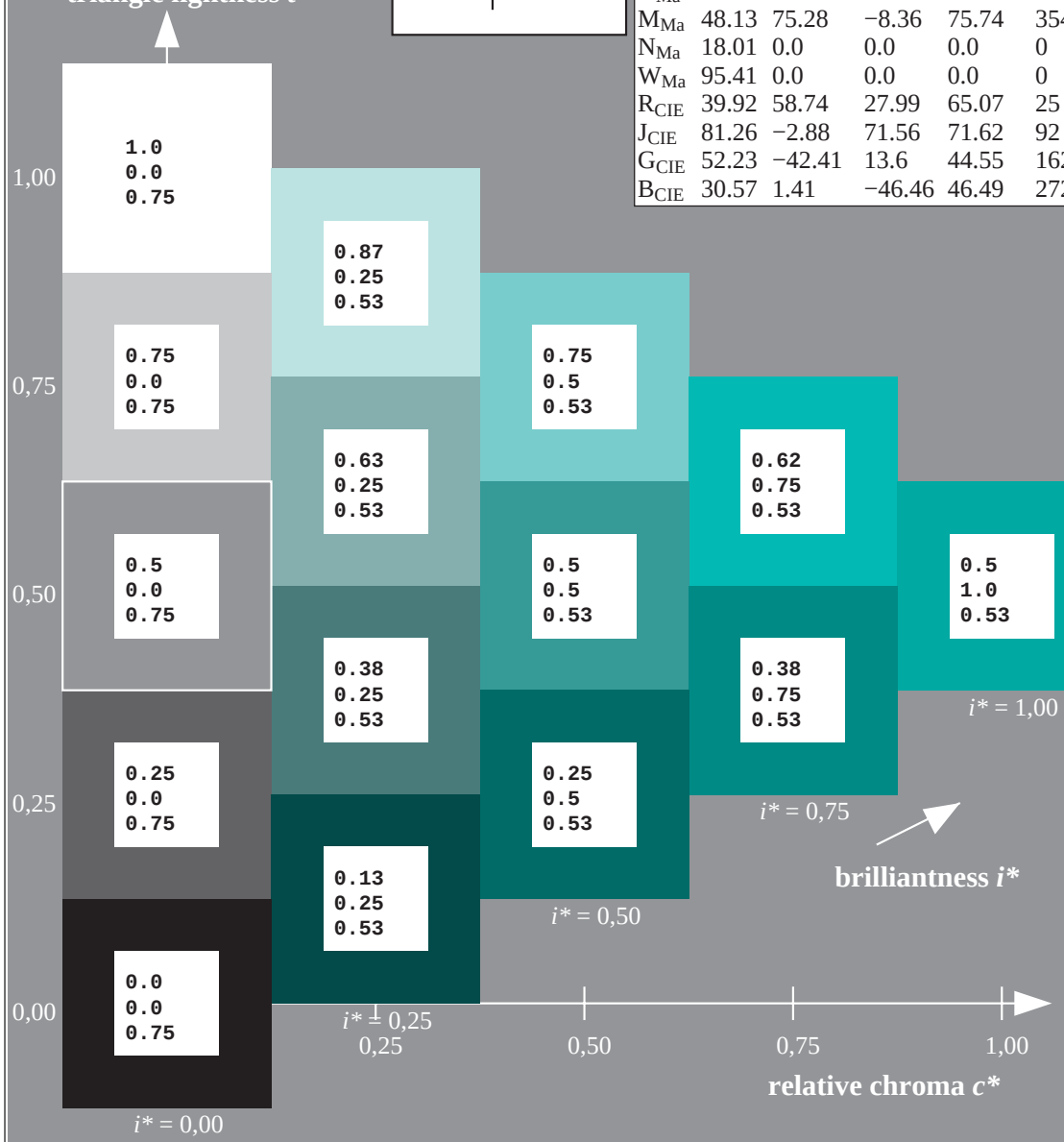
***$lab^*rgb^*_{Ma}$*: 0.0 1.0 0.5**

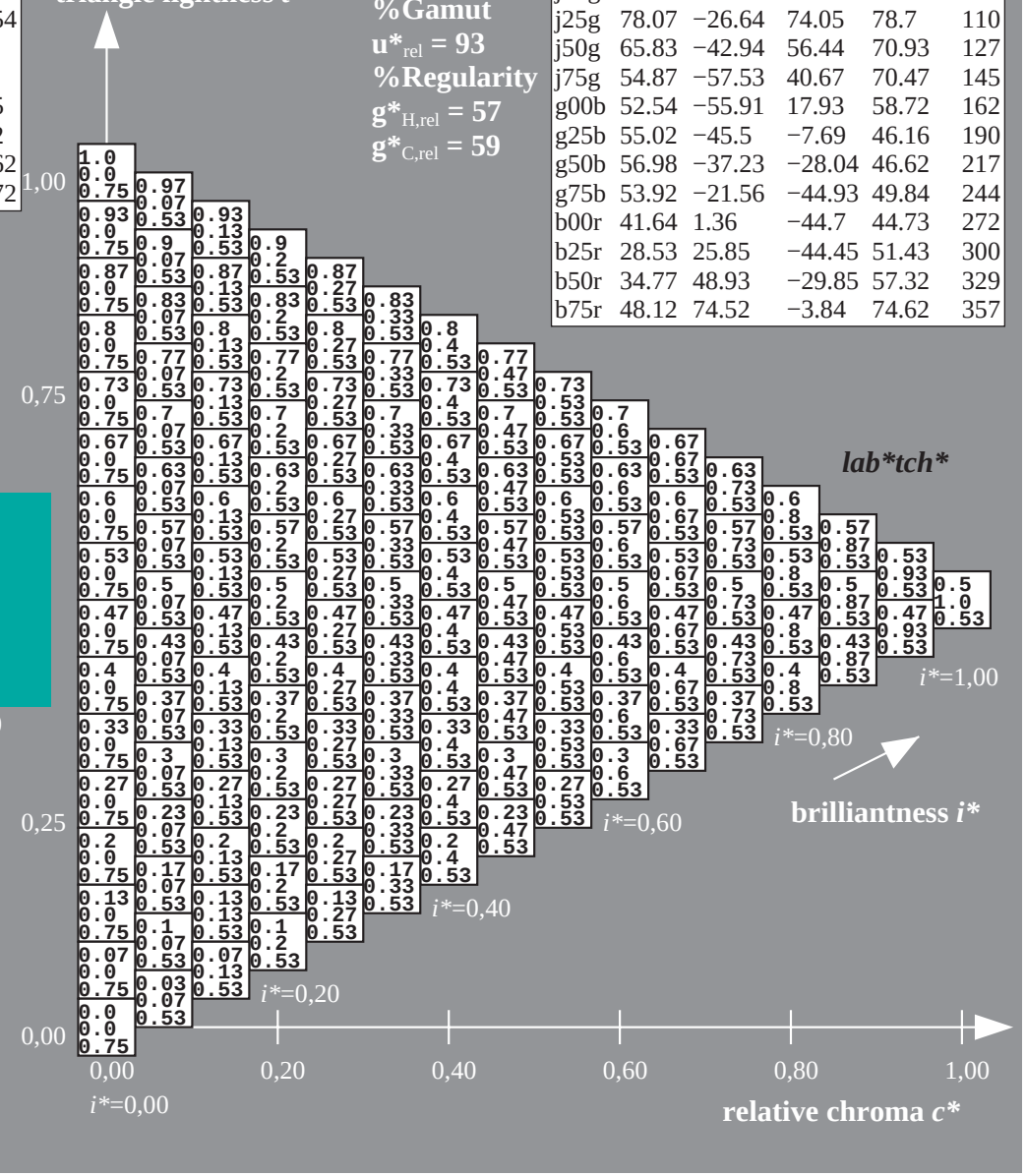
***$lab^*olv^*_{Ma}$*: 0.0 1.0 0.53**

triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

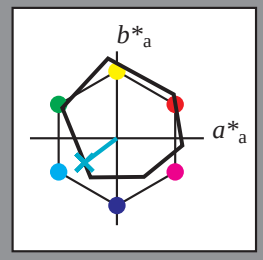




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = g50b$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

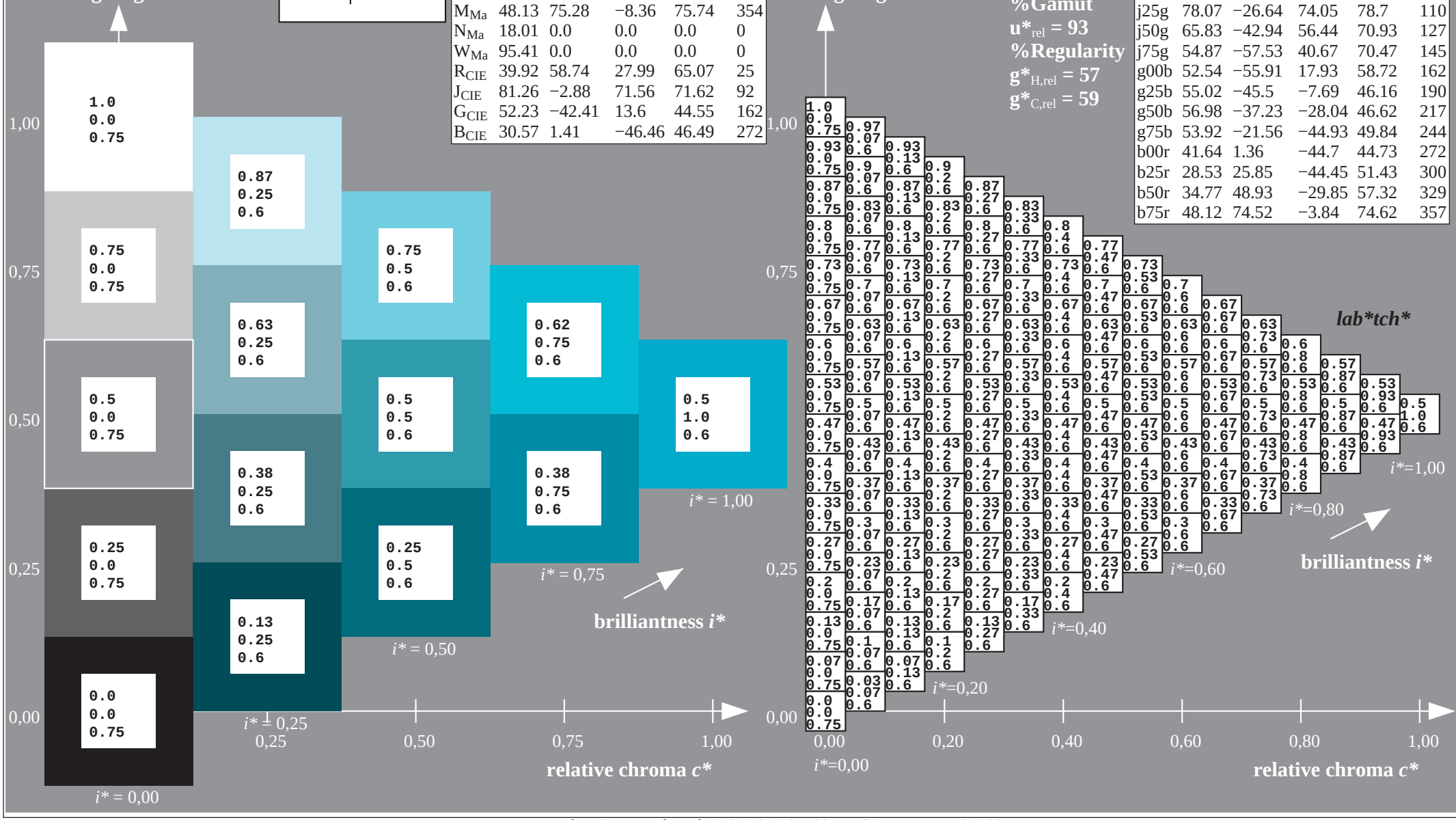
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 57 −36 −27
$LAB^*LCH^*_{Ma}$: 57 47 217
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.79

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*

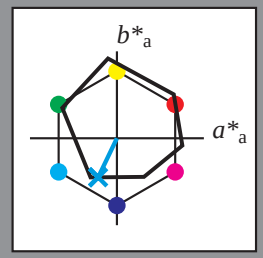
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

$u^* = g75b$
lab^*tch^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = g75b$
contrast reduction factor:
$c_R = 1.0$

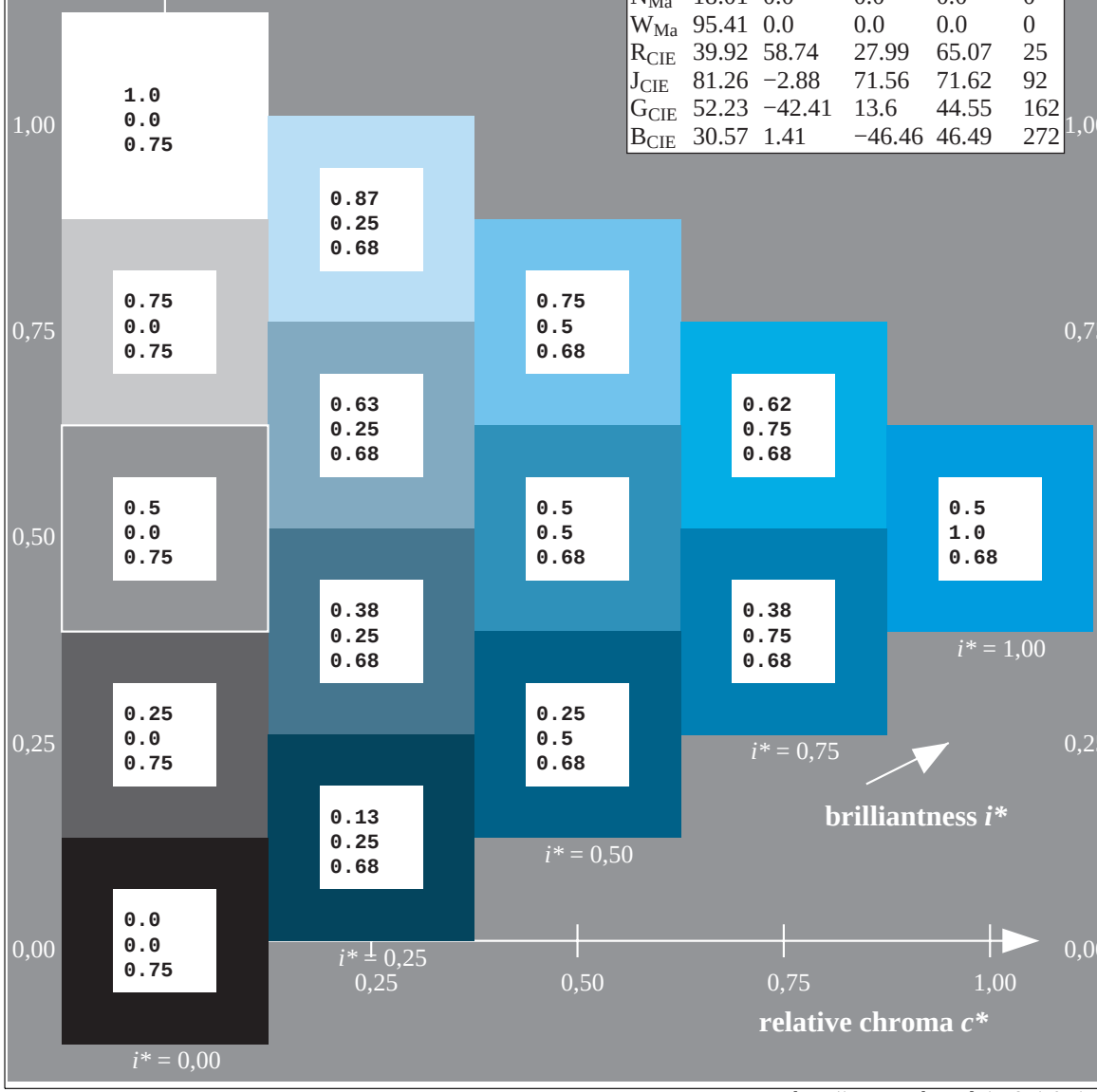


ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −21 −44
$LAB^*LCH^*_{Ma}$: 54 50 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

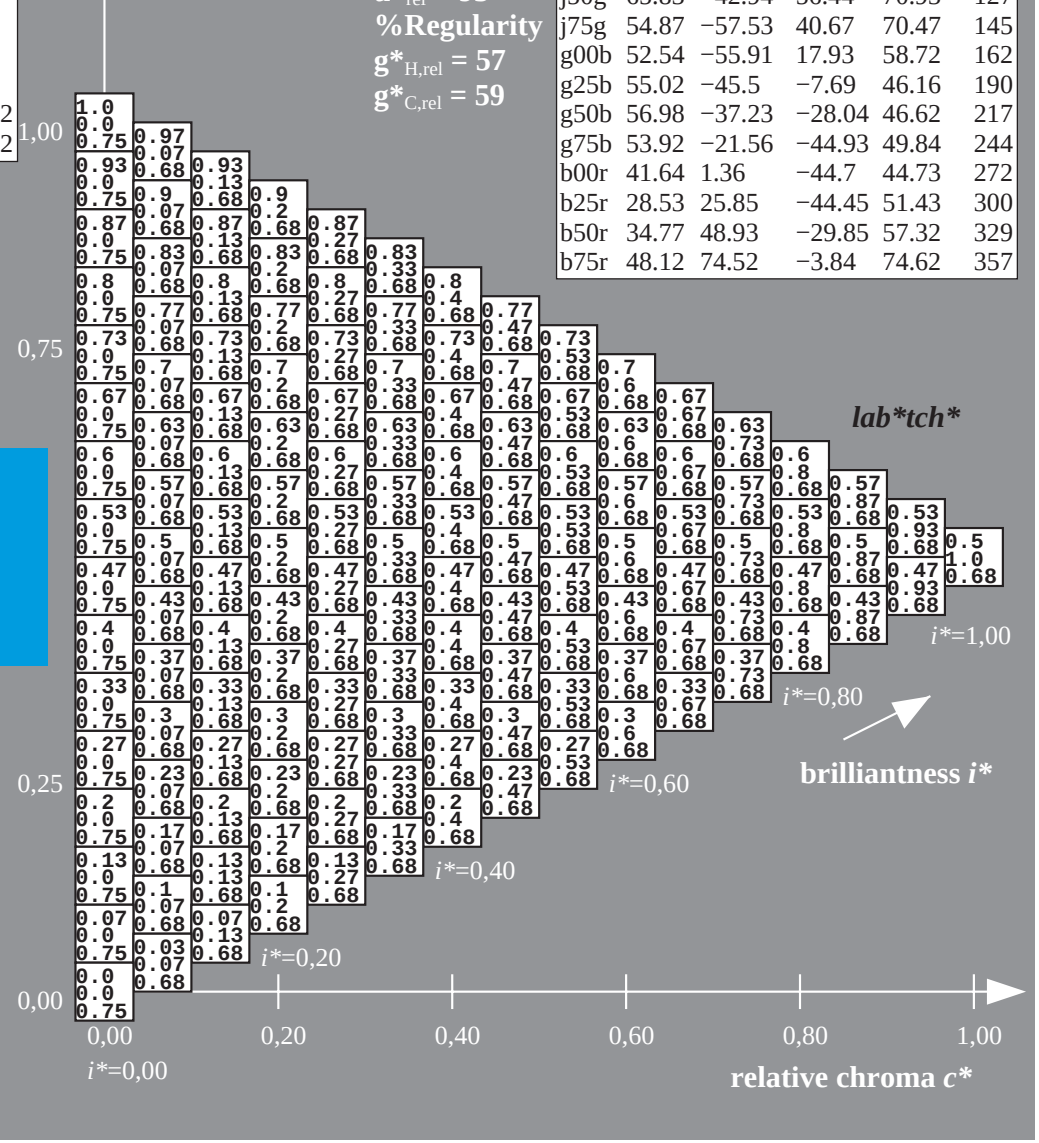
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



triangle lightness t^*

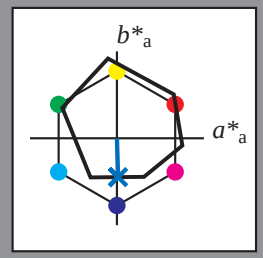
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

$u^* = b00r$
lab^*tch^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b00r$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

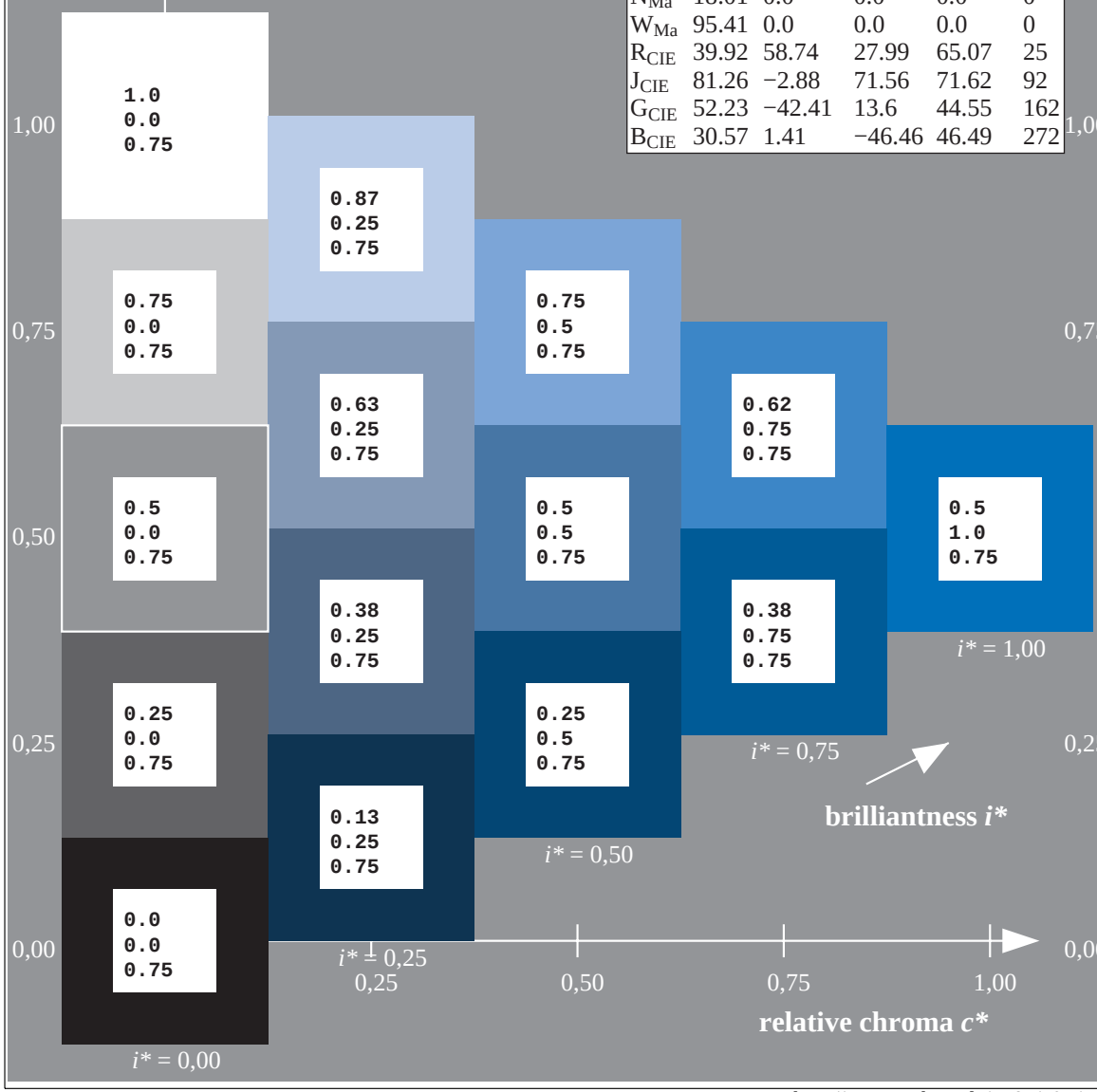
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 42 1 −44
$LAB^*LCH^*_{Ma}$: 42 45 272
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.48 1.0

ORS18_95aM; adapted (a) CIELAB data

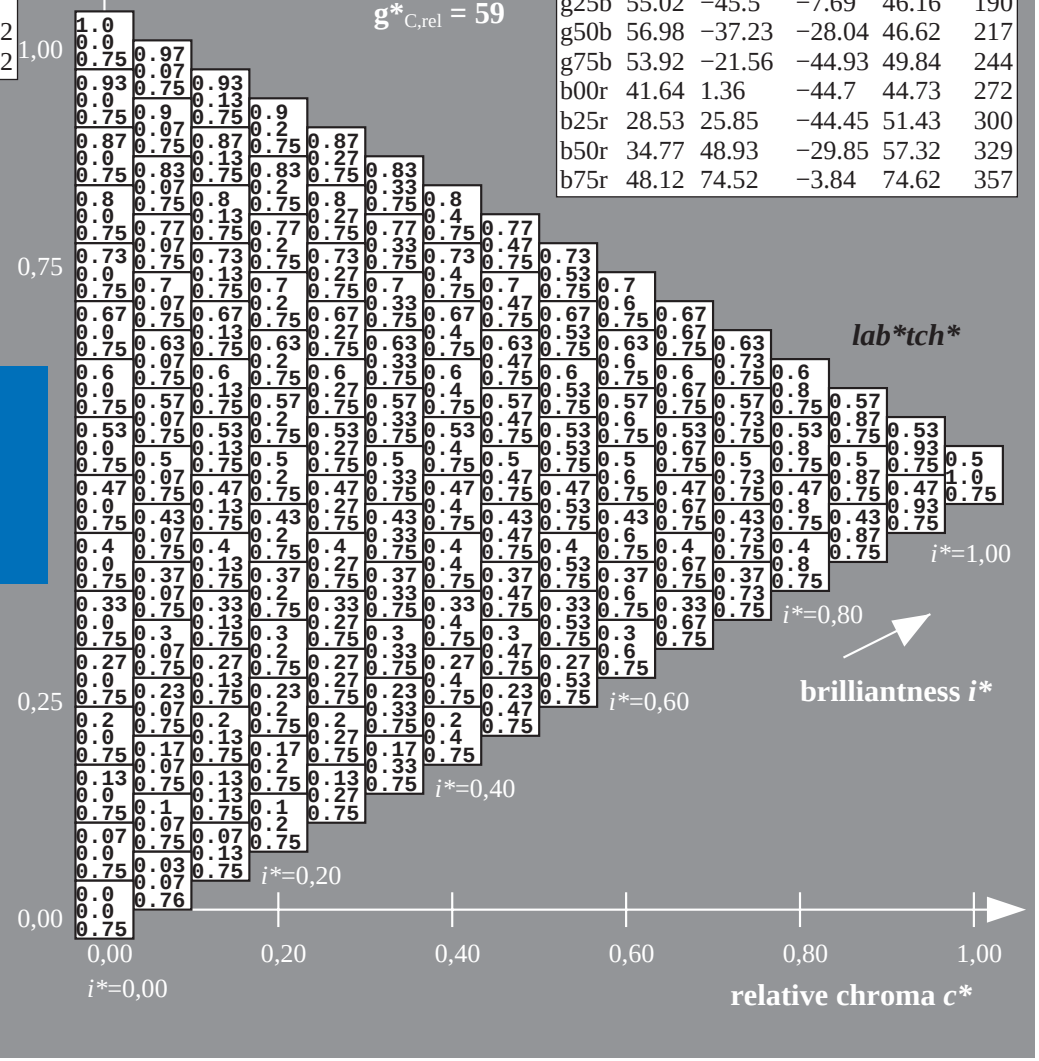
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*



%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

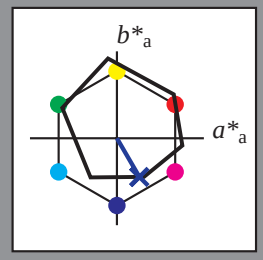
triangle lightness t^*



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

$u^* = b25r$
lab^*tch^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b25r$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

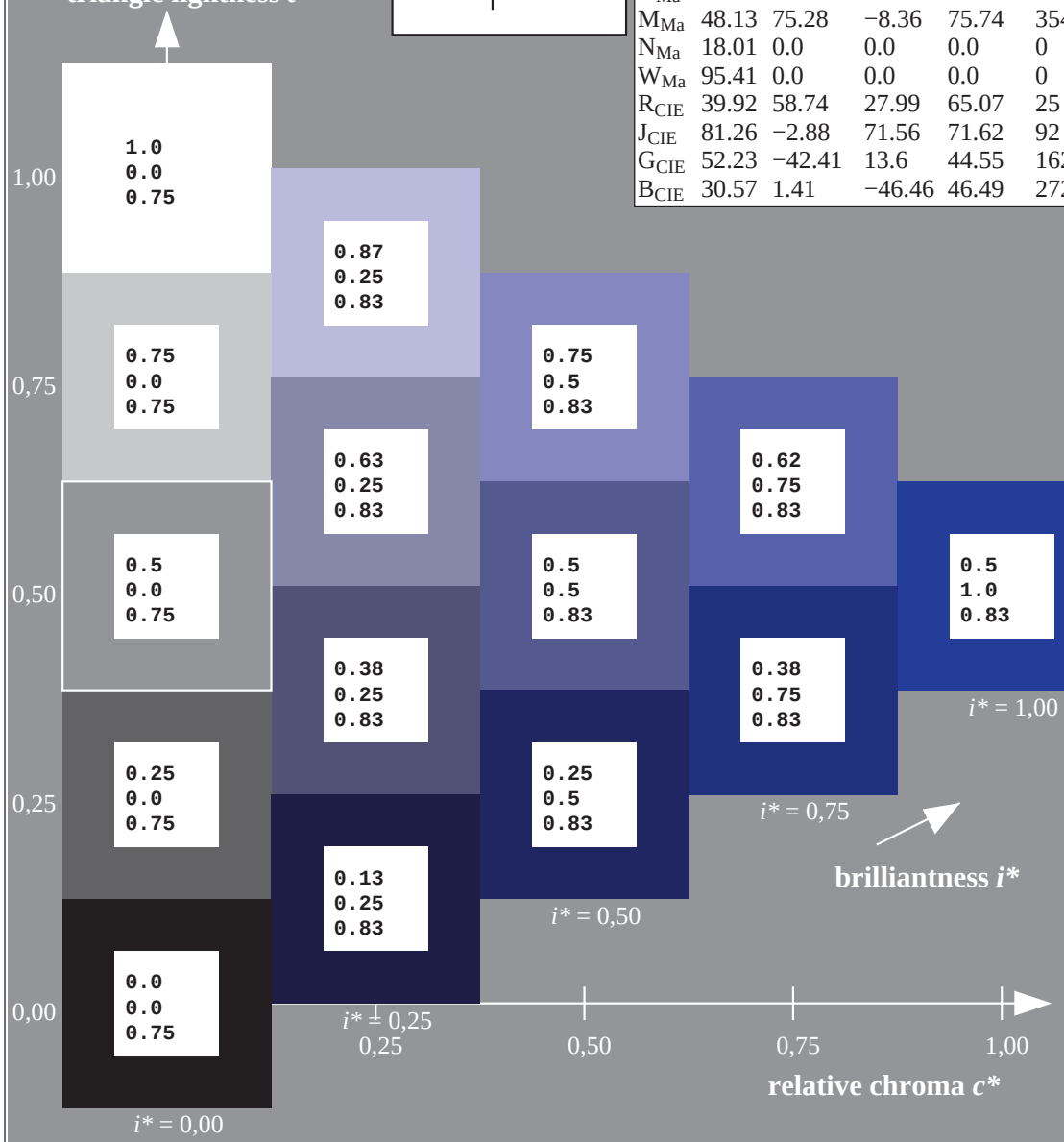
Data for maximum colour (Ma):

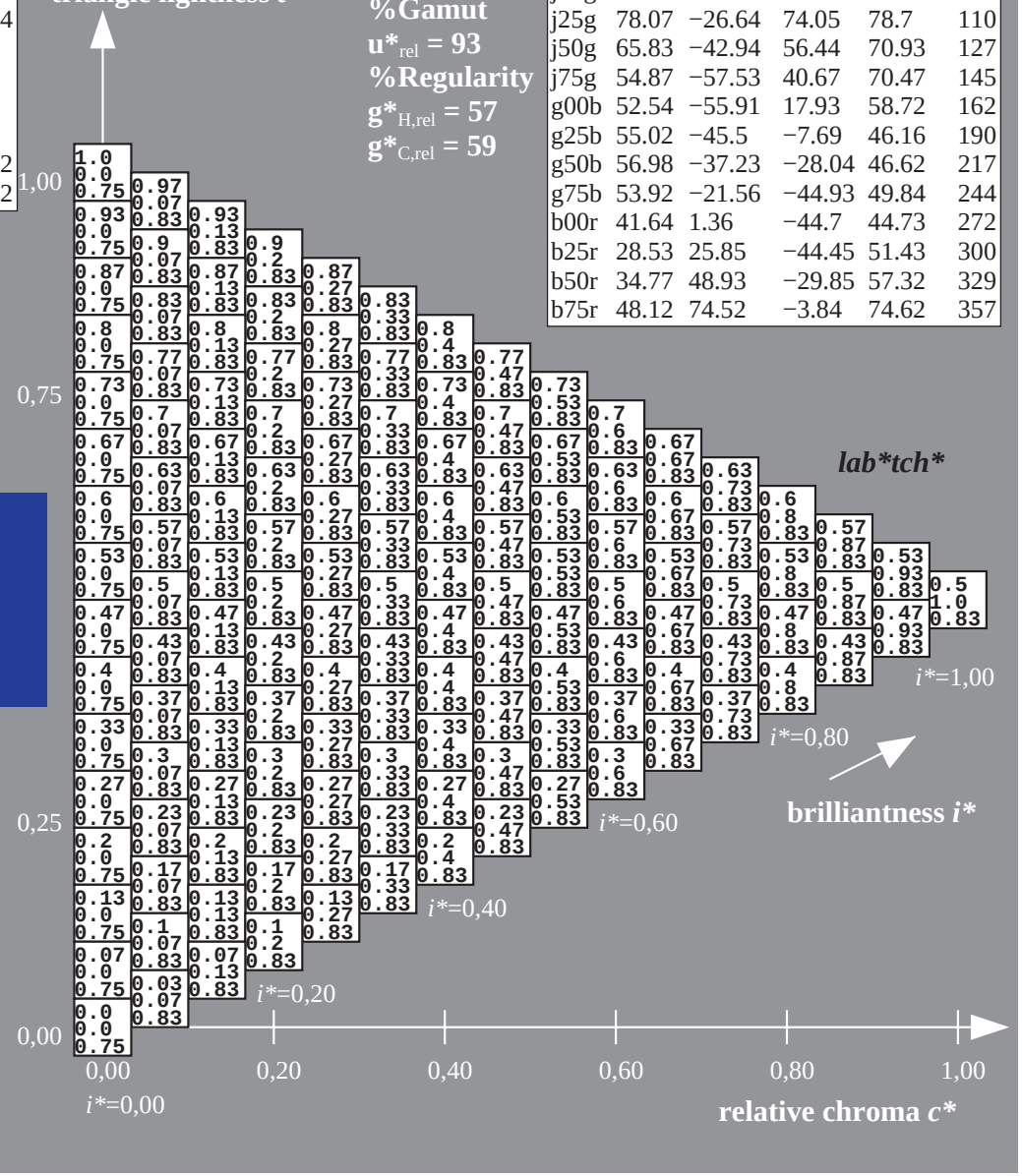
$LAB^*LAB^*_{Ma}$: 29 26 −43
$LAB^*LCH^*_{Ma}$: 29 51 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

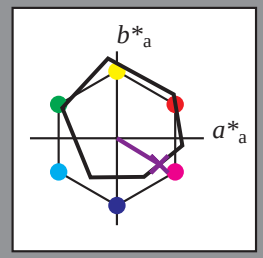




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

$u^* = b50r$
lab^*tch^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b50r$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

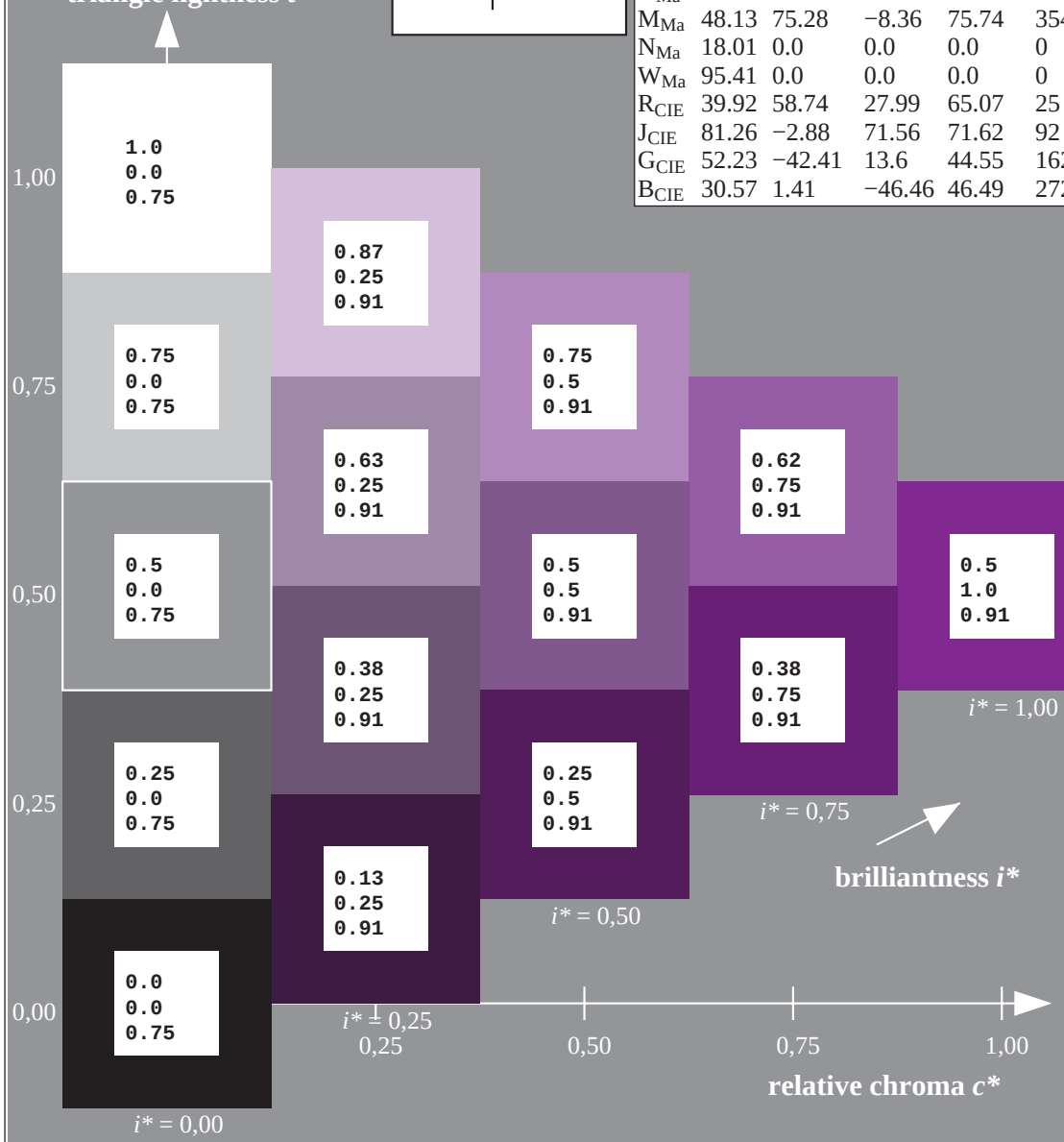
Data for maximum colour (Ma):

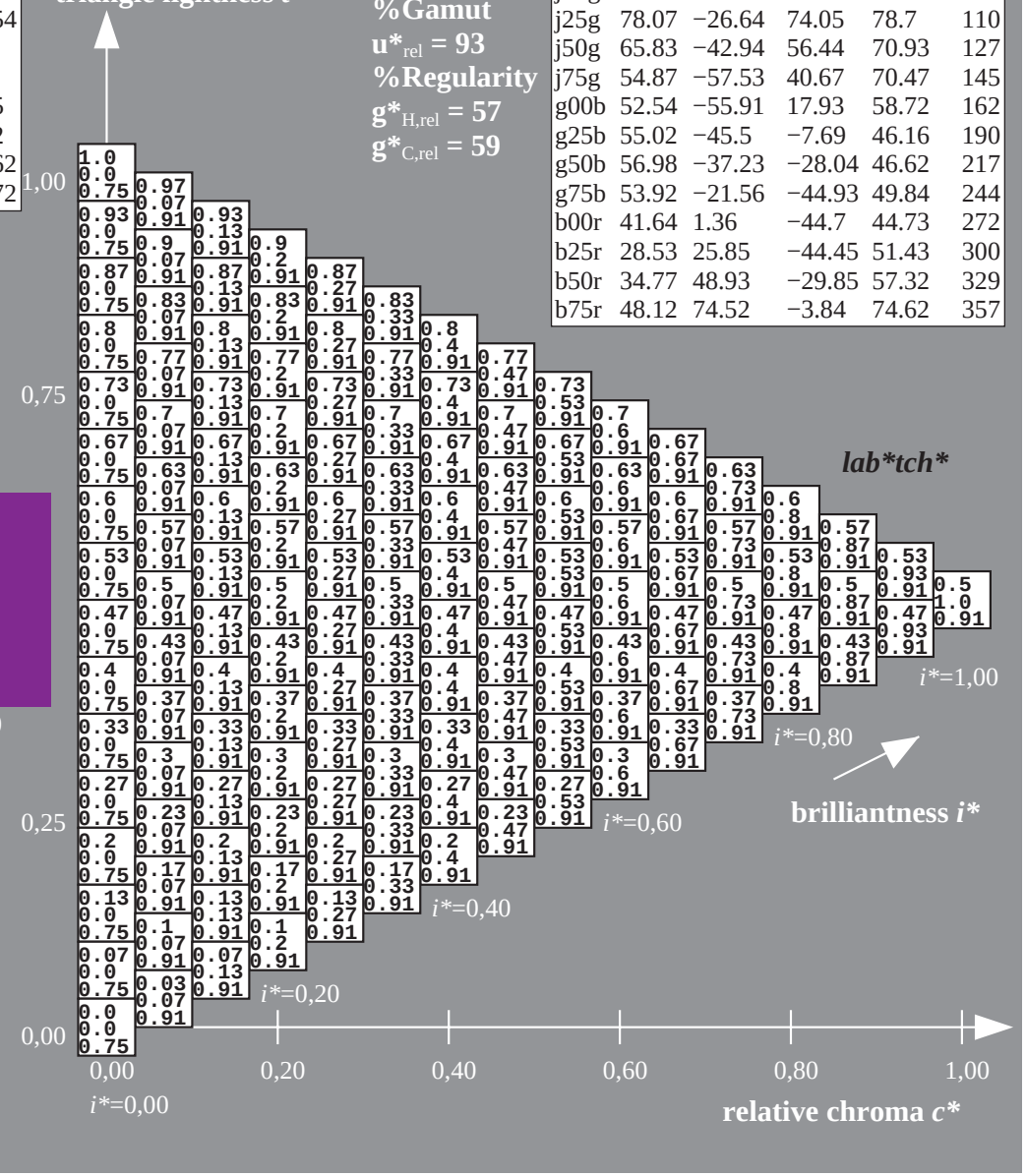
$LAB^*LAB^*_{Ma}$: 35 49 −29
$LAB^*LCH^*_{Ma}$: 35 57 329
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.4 0.0 1.0

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

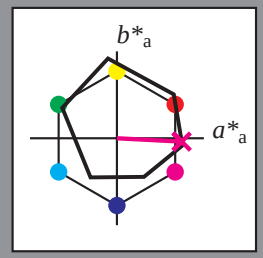




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b75r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data

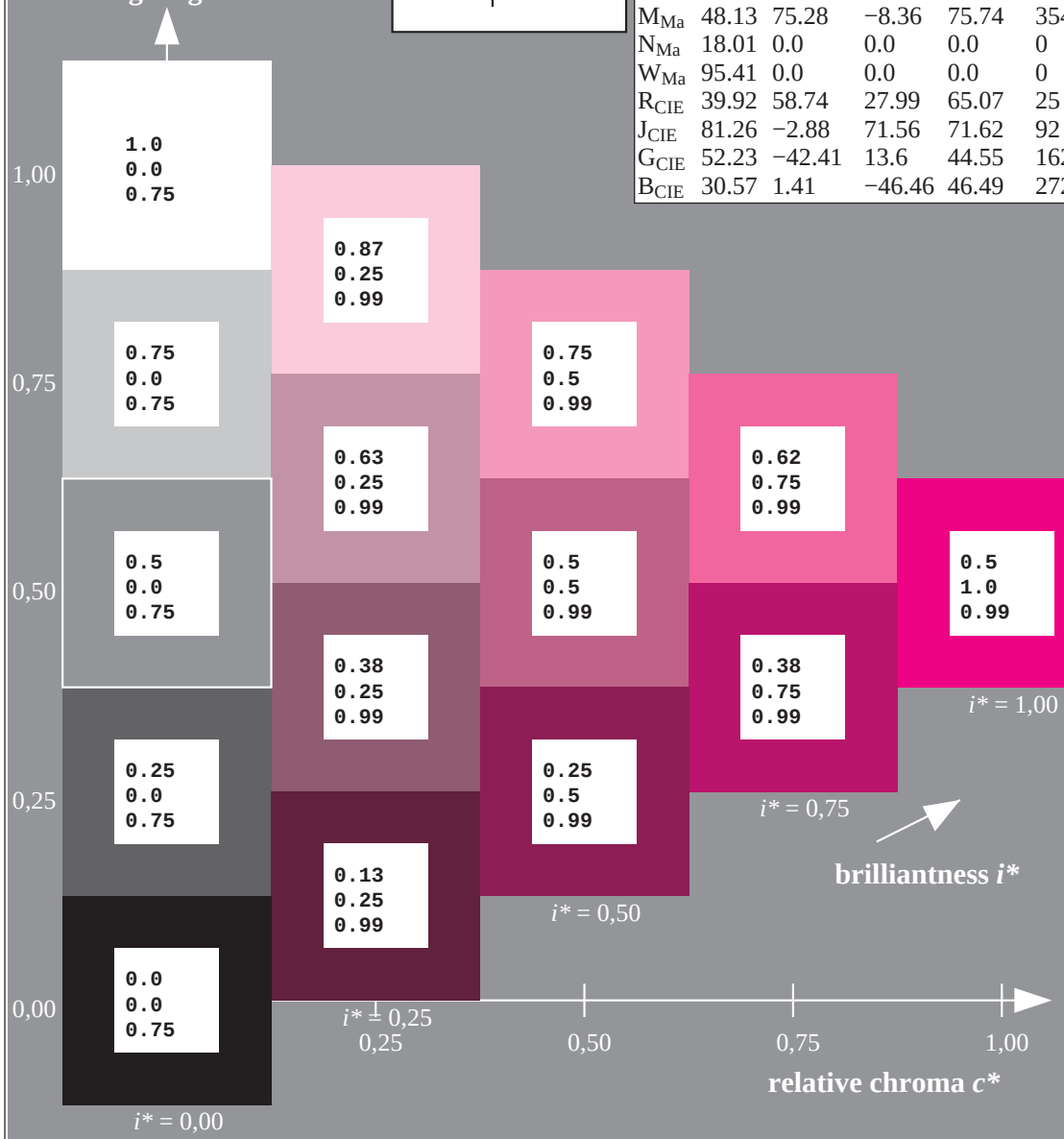
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

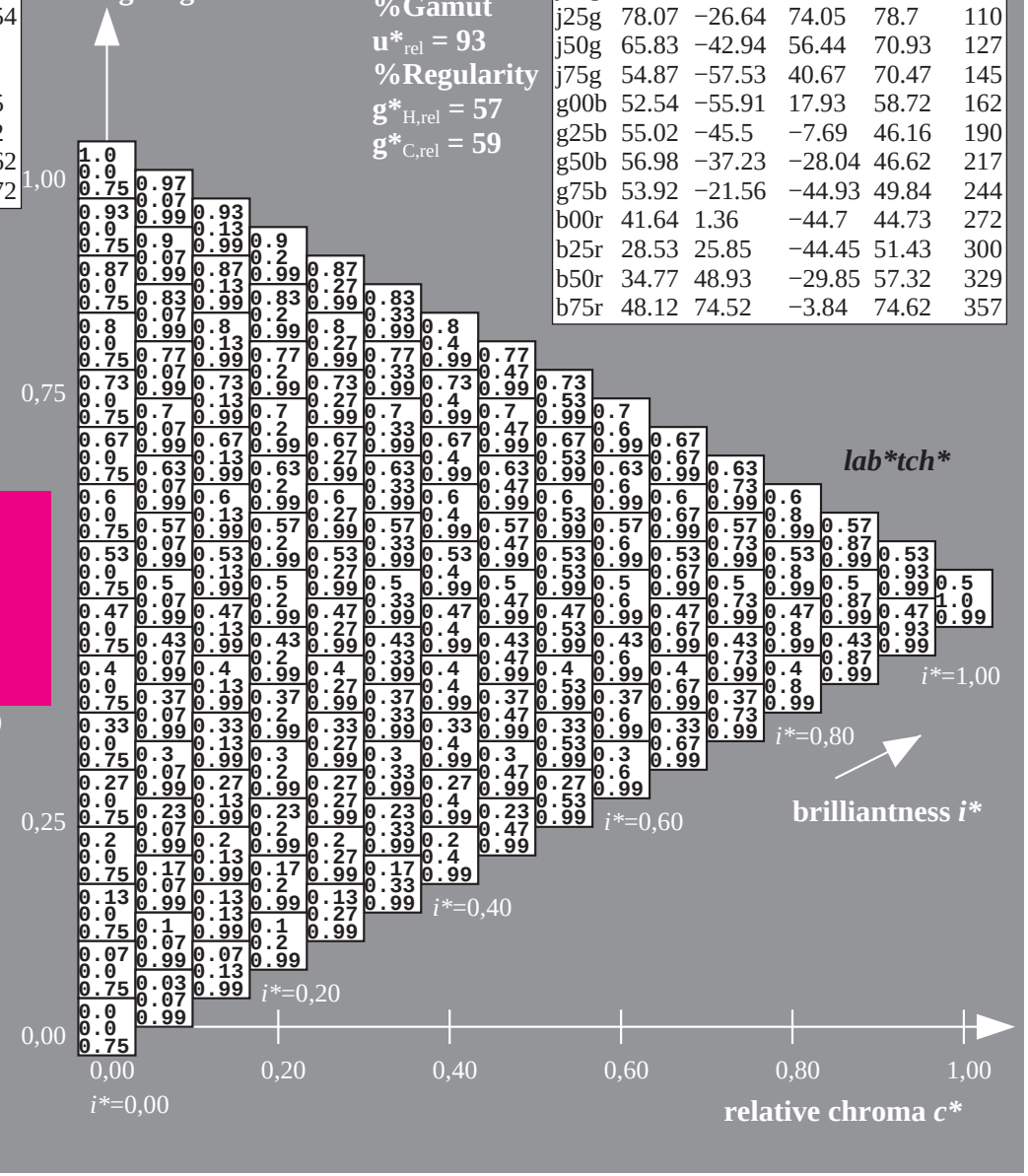
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 75 −3
$LAB^*LCH^*_{Ma}$: 48 75 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.92
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



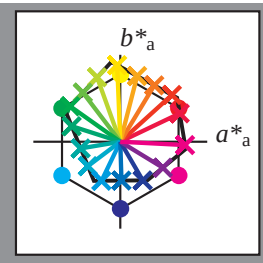


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*tch*		
01	0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	1.0	0.94	0.87	0.81	0.75	0.69	0.62	0.56	0.5	0.0	0.0	0.0	0.0
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.12	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.25	0.25	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.0	0.0	0.0
	0.75	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	0.1	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	0.75	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	0.75	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	0.37	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	0.66	0.75	0.1	0.1	0.1	0.1	0.1	0.1	0.75	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	0.0	0.13	0.25	0.38	0.5	0.62	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	0.75	0.1	0.1	0.1	0.1	0.1	0.75	0.75	0.75	0.75
05	0.25	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.25	0.31	0.31	0.31	0.31	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	0.62	0.75	0.87	1.0	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.87	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0	0.0
	0.85	0.8	0.75	0.7	0.66	0.61	0.57	0.54	0.52	0.89	0.85	0.79	0.72	0.66	0.59	0.55	0.52	0.5	0.93	0.9	0.85	0.75	0.66	0.57	0.52	0.49	0.47	0.66	0.66	0.66	0.66	0.75	0.1	0.1	0.1	0.1	0.75	0.75	0.75	0.75
06	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.31	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.31	0.38	0.44	0.44	0.44	0.44	0.5	0.56	0.62	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.63	0.63	0.63	0.63
	0.62	0.62	0.62	0.62	0.62	0.62	0.75	0.87	1.0	0.62	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.87	0.62	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.37	0.0	0.0	0.0	0.0
	0.85	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	0.75	0.1	0.1	0.1	0.75	0.75	0.75	0.75
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	0.56	0.62	0.62	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.75	0.75	0.75	0.75
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.87	1.0	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.87	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	0.0
	0.85	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	0.75	0.1	0.1	0.75	0.75	0.75	0.75
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	0.62	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.88	0.88	0.88	0.88
	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	1.0	0.87	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.87	0.87	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.12	0.0	0.0	0.0	0.0
	0.85	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	0.75	0.1	0.75	0.75	0.75	0.75
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	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	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	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	1.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	0.0	0.0	0.0	0.0
	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	0.75	0.75	0.75	0.75	0.75
10	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.25	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	1.0	0.94	0.87	0.81	0.75	0.69	0.62	0.56	0.5	0.0	0.0	0.0	0.0
	0.37	0.37	0.37	0.37	0.5	0.62	0.75	0.87	1.0	0.5	0.5	0.5	0.5	0.5	0.62	0.75	0.87	1.0	0.62	0.62	0.62	0.62	0.62	0.62	0.75	0.87	1.0	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.0	0.0	0.0
	0.1	0.16	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	0.75	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.75	0.75	0.75	0.75
11	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.31	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.07	0.07	0.07	0.07
	0.37	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.87	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.87	0.62	0.5	0.5	0.5	0.5	0.5	0.63	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
	0.07	0.1	0.19	0.27	0.31	0.33	0.35	0.36	0.37	0.08	0.1	0.16	0.22	0.27	0.3	0.32	0.33	0.35	0.08	0.1	0.15	0.19	0.23	0.27	0.29	0.31	0.32	0.85	0.75	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.75	0.75	0.75	0.75
12	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.62	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.62	0.31	0.38	0.44	0.44	0.44	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	0.13	0.13	0.13	0.13
	0.37	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.62	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.0	0.0	0.0	0.0
	0.02	0.05	0.1	0.27	0.33	0.36	0.38	0.38	0.39	0.05	0.07	0.1	0.19	0.27	0.31	0.33	0.35	0.36	0.06	0.08	0.1	0.16	0.22	0.27	0.3	0.32	0.33	0.85	0.85	0.75	0.27	0.27	0.27	0.27	0.27	0.27	0.75	0.75	0.75	0.75
13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.25	0.31	0.38	0.44	0.44	0.5	0.56	0.63	0.69	0.31	0.38	0.44	0.5	0.5	0.5	0.56	0.63	0.69	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.2	0.2	0.2	0.2
	0.37	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.62	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.62	0.62	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.62	0.37	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.62	0.0	0.0	0.0	0.0
	0.98	0.98	0.98	0.75	0.42	0.42	0.42	0.42	0.42	0.01	0.02	0.05	0.1	0.27	0.33	0.36	0.38	0.38	0.03	0.05	0.07	0.1	0.19	0.27	0.31	0.33	0.35	0.85	0.85	0.85	0.75	0.27	0.27	0.27	0.27	0.27	0.75	0.75	0.75	0.75
14	0.25	0.31	0.38	0.44	0.44	0.5	0.56	0.63	0.69	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.31	0.38	0.44	0.5	0.56	0.56	0.63	0.69	0.75	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.27	0.27	0.27	0.27
	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.62	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.62	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0	0.0
	0.96	0.95	0.93	0.85	0.66	0.52	0.47	0.46	0.45	0.98	0.98	0.98	0.98	0.75	0.42	0.42	0.42	0.42	0.01	0.01	0.02	0.05	0.1	0.27	0.33	0.36	0.38	0.85	0.85	0.85	0.85	0.75	0.27	0.27	0.27	0.27	0.75	0.75	0.75	0.75
15	0.31	0.38	0.44	0.5	0.5	0.5	0.56	0.63	0.69	0.31	0.38	0.44	0.5	0.56	0.56	0.63	0.69	0.75	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.33	0.33	0.33	0.33
	0.62	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.62	0.62	0.5	0.38	0.25	0.13	0.13	0.25	0.38	0.5	0.62	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.37	0.62	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.37	0.0	0.0	0.0	0.0
	0.94	0.93	0.9	0.85	0.75	0.66	0.57	0.52	0.49	0.96	0.96	0.95	0.93	0.85	0.66	0.52	0.47	0.46	0.98	0.98	0.98	0.98	0.98	0.75	0.42	0.42	0.42	0.85	0.85	0.85	0.85	0.85	0.75	0.27	0.27	0.27	0.75	0.75	0.75	0.75
16	0.38	0.44	0.5	0.56	0.56	0.56	0.56	0.63	0.69	0.38	0.44	0.5	0.56	0.63	0.63	0.63	0.69	0.75	0.38	0.44	0.5	0.56	0.63	0.69	0.69	0.75	0.81	0.62	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.4	0.4	0.4	0.4
	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.62	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.37	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	0.0
	0.93	0.91	0.89	0.85	0.79	0.72	0.66	0.59	0.55	0.95	0.94	0.93	0.9	0.85	0.75	0.66	0.57	0.52	0.97	0.96	0.96	0.95	0.93	0.85	0.66	0.52	0.47	0.85	0.85	0.85	0.85	0.85	0.85	0.75	0.27	0.27	0.75	0.75	0.75	0.75
17	0.44	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.69	0.44	0.5	0.56	0.63	0.69	0.69	0.69	0.69	0.75	0.44	0.5	0.56	0.63	0.69	0.75	0.75	0.75	0.81	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.47	0.47	0.47	0.47
	0.87	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.62	0.87	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.87	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.37	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.12	0.0	0.0	0.0	0.0
	0.92	0.9	0.88	0.85	0.8	0.75	0.7	0.66	0.61	0.94	0.93	0.91	0.89	0.85	0.79	0.72	0.66	0.59	0.95	0.95	0.94	0.93	0.9	0.85	0.75	0.66	0.57	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.75	0.27	0.75	0.75	0.75	0.75
18	0.5	0.56	0.62	0.69	0.69	0.69	0.69	0.69	0.69	0.5	0.56	0.62	0.69	0.75	0.75	0.75	0.75	0.75	0.5	0.56	0.62	0.69	0.75	0.81	0.81	0.81	0.81	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	0.53	0.53	0.53	0.53
	1.0	0.87	0.75	0.62	0.62	0.62	0.62	0.62	0.62	1.0	0.87	0.75	0.62	0.5	0.5	0.5	0.5	0.5	1.0	0.87	0.75	0.62	0.5	0.37	0.37	0.37	0.37	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	0.0	0.0	0.0	0.0
	0.91	0.89	0.88	0.85	0.81	0.77	0.73	0.69	0.66	0.93	0.92	0.9	0.88	0.85	0.8	0.75	0.7	0.66	0.94	0.94	0.93	0.91	0.89	0.85	0.79	0.72	0.66	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.75	0.75	0.75	0.75	0.75
19	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.94	0.87	0.81	0.75	0.69	0.62	0.56	0.5	0.6	0.6	0.6	0.6
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.87	1.0	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.0	0.0	0.0
	0.1	0.13	0.16	0.19	0.22	0.25	0.27	0.28	0.3	0.1	0.13	0.15	0.18	0.2	0.23	0.25	0.27	0.28	0.1	0.12	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.75	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.75	0.75	0.75	0.75
20	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.67	0.67	0.67	0.67
	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.87	0.87	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.87	1.0	0.87	0.87	0.87	0.87	0.87	0.87	0.87	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
	0.09	0.1	0.14	0.17	0.21	0.24	0.27	0.29	0.3	0.09	0.1	0.13	0.16	0.19	0.22	0.25	0.27	0.28	0.09	0.1	0.13	0.15	0.18	0.2	0.23	0.25	0.27	0.98	0.75	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.75	0.75	0.75	0.75
21	0.38	0.44	0.5	0.5	0.5	0.5	0.5	0.56	0.62	0.44	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.62	0.5	0.56	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.87	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.73	0.73	0.73	0.73
	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.87	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.75	1.0	0.87	0.75	0.75	0.75	0.75	0.75	0.75	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
	0.07	0.08	0.1	0.15	0.19	0.23	0.27	0.29	0.31	0.07	0.09	0.1	0.14	0.17	0.21	0.24	0.27	0.29	0.08	0.09	0.1	0.13	0.16	0.19	0.22	0.25	0.27	0.98	0.98	0.75	0.42	0.42	0.42	0.42	0.42	0.42	0.75	0.75	0.75	0.75
22	0.38	0.44	0.5	0.56	0.56	0.56	0.56	0.63	0.69	0.44	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.69	0.5	0.56	0.62	0.69	0.69	0.69	0.69	0.69	0.69	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.8	0.8	0.8	0.8
	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	0.62	0.87	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.62	1.0	0.87	0.75	0.62	0.62	0.62	0.62	0.62	0.62	0.37	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.62	0.0	0.0	0.0	0.0
	0.05	0.06	0.08	0.1	0.16	0.22	0.27	0.3	0.32	0.06	0.07	0.08	0.1	0.15	0.19	0.23	0.27	0.29	0.06	0.07	0.09	0.1	0.14	0.17	0.21	0.24	0.27	0.98	0.98	0.98	0.75	0.42	0.42	0.42	0.42	0.42	0.75	0.75	0.75	0.75
23	0.38	0.44	0.5	0.56	0.63	0.63	0.63	0.69	0.75	0.44	0.5	0.56	0.63	0.69	0.69	0.69	0.69	0.75	0.5	0.56	0.62	0.69	0.75	0.75	0.75	0.75	0.75	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.87	0.87	0.87	0.87
	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.38	0.5	0.87	0.75	0.63	0.5	0.38	0.38	0.38	0.38	0.5	1.0	0.87	0.75	0.62	0.5	0.5	0.5	0.5	0.5	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.0	0.0	0.0	0.0
	0.02	0.03	0.05	0.07	0.1	0.19	0.27	0.31	0.33	0.04	0.05	0.06	0.08	0.1	0.16	0.22	0.27	0.3	0.05	0.06	0.07	0.08	0.1	0.15	0.19	0.23	0.27	0.98	0.98	0.98	0.98	0.75	0.42	0.42	0.42	0.42	0.75	0.75	0.75	0.75
24	0.38	0.44	0.5	0.56	0.63	0.69	0.69	0.75	0.81	0.44	0.5	0.56	0.63	0.69	0.75	0.75	0.75	0.81	0.5	0.56	0.62	0.69	0.75	0.81	0.81	0.81	0.81	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.93	0.93	0.93	0.93
	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.37	0.87	0.75	0.63	0.5	0.38	0.25	0.25	0.25	0.37	1.0	0.87	0.75	0.62	0.5	0.37	0.37	0.37	0.37	0.62	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.37	0.0	0.0	0.0	0.0
	0.0	0.01	0.01	0.02	0.05	0.1	0.27	0.33	0.36	0.02	0.02	0.03	0.05	0.07	0.1	0.19	0.27	0.31	0.03	0.04	0.05	0.06	0.08	0.1	0.16	0.22	0.27	0.98	0.98	0.98	0.98	0.98	0.75	0.42	0.42	0.42	0.75	0.75	0.75	0.75
25	0.38	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.87	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.81	0.87	0.5	0.56	0.62	0.69	0.75	0.81	0.87	0.87	0.87	0.62	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	1.0	1.0	1.0	1.0
	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.25	0.25	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.0	0.0	0.0	0.0
	0.98	0.98	0.98	0.98	0.98	0.98	0.75	0.42	0.42	0.0	0.0	0.01	0.01	0.02	0.05	0.1	0.27	0.33	0.01	0.02	0.02	0.03	0.05	0.07	0.1	0.19	0.27	0.98	0.98	0.98	0.98	0.98	0.98	0.75	0.42	0.42	0.75	0.75	0.75	0.75
26	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.81	0.87	0.44	0.5	0.56	0.63	0.69	0.75	0.81	0.88	0.94	0.5	0.56	0.62	0.69	0.75	0.81	0.87	0.94	0.94	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	0.5	0.5	0.5
	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.13	0.25	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.12	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.12	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.12	0.0	1.0	1.0	1.0
	0.97	0.97	0.96	0.96	0.95	0.93	0.85	0.66	0.52	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.75	0.42	1.0	0.0	0.0	0.01	0.01	0.02	0.05	0.1	0.27	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.75	0.42	0.75	0.1	0.27	0.42
27	0.5	0.56	0.62	0.69	0.75	0.81	0.87	0.87	0.87	0.5	0.56	0.62	0.69	0.75	0.81	0.87	0.94	0.94	0.5	0.56	0.62	0.69	0.75	0.81	0.87	0.94	1.0	0.5	0.44	0.38	0.31	0.25	0.19	0.13	0.06	0.0	1.0	0.5	0.5	0.5
	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.25	0.25	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.12	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	0.0	1.0	1.0	1.0
	0.96	0.95	0.95	0.94	0.93	0.9	0.85	0.75	0.66	0.97	0.97	0.97	0.96	0.96	0.95	0.93	0.85	0.66	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.75	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.75	0.75	0.66	0.85	0.98

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u** = 16 hues *r00j, r25j, ..., b75r
contrast reduction factor:
$c_R = 1.0$

ORS18_95aM; adapted (a) CIELAB data

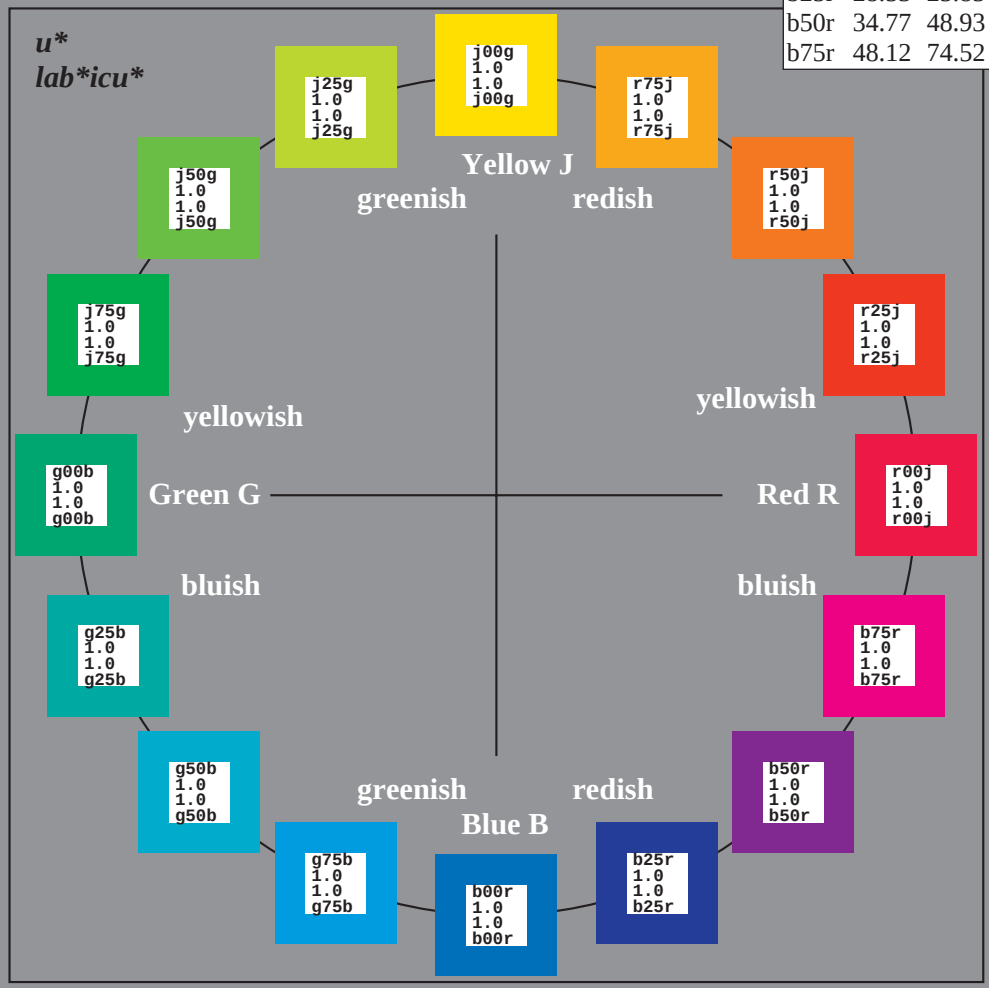
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

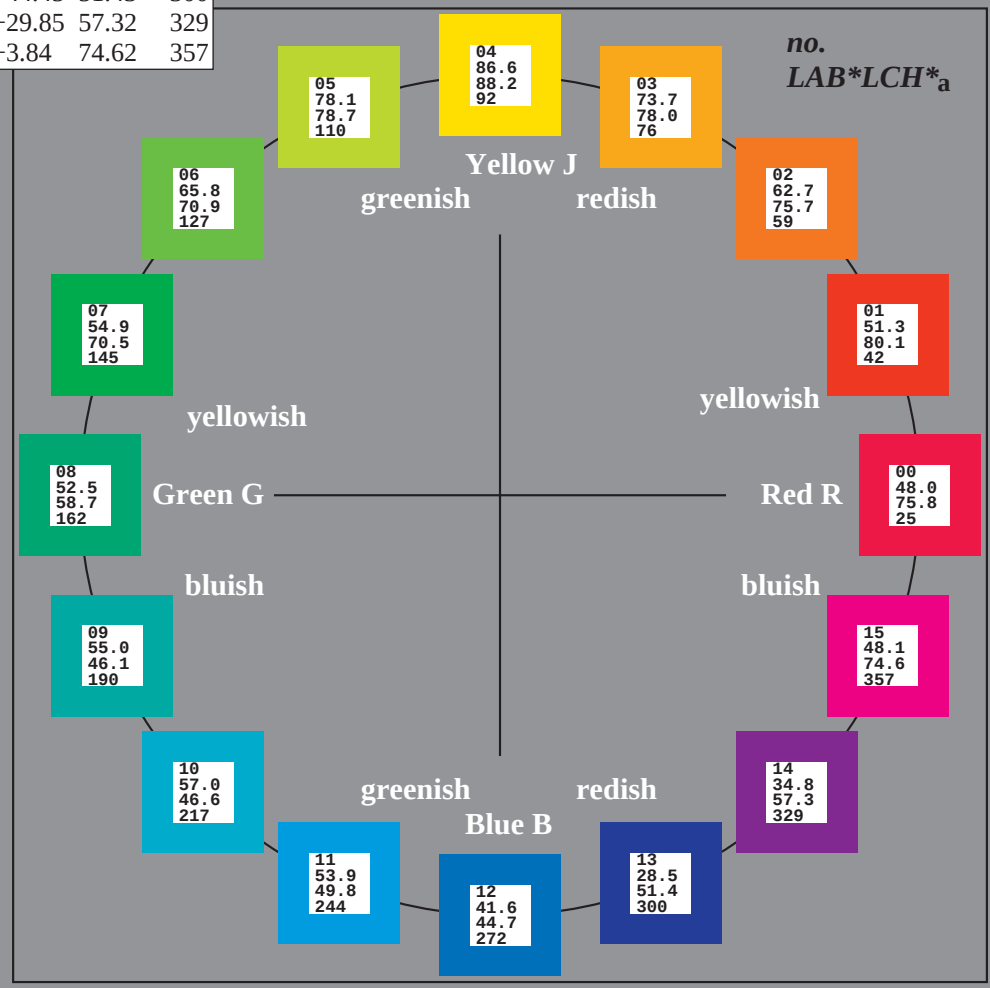


%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; adapted (a) CIELAB data

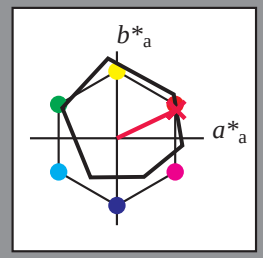
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	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 ORS18_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:
$c_R = 1.0$
triangle lightness *t**



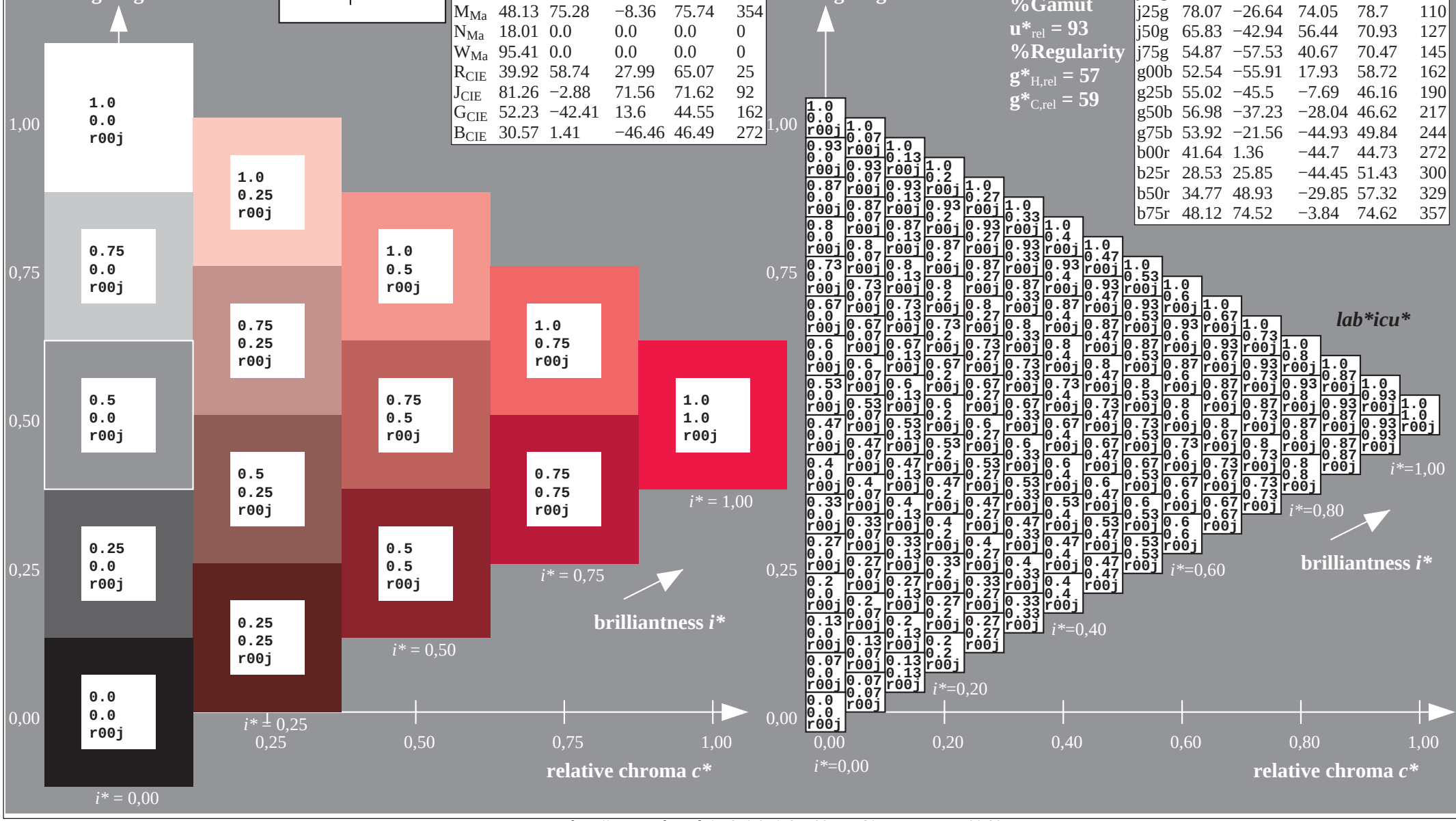
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 68 33**
***LAB*LCH*Ma*: 48 76 25**
***lab*rgb*Ma*: 1.0 0.0 0.0**
***lab*olv*Ma*: 1.0 0.0 0.3**
triangle lightness *t**

u* = r00j
lab*icu*

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

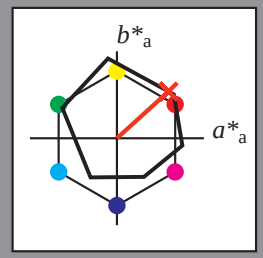
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

$u^* = r25j$
lab^*icu^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 59 54

$LAB^*LCH^*_{Ma}$: 51 80 42

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

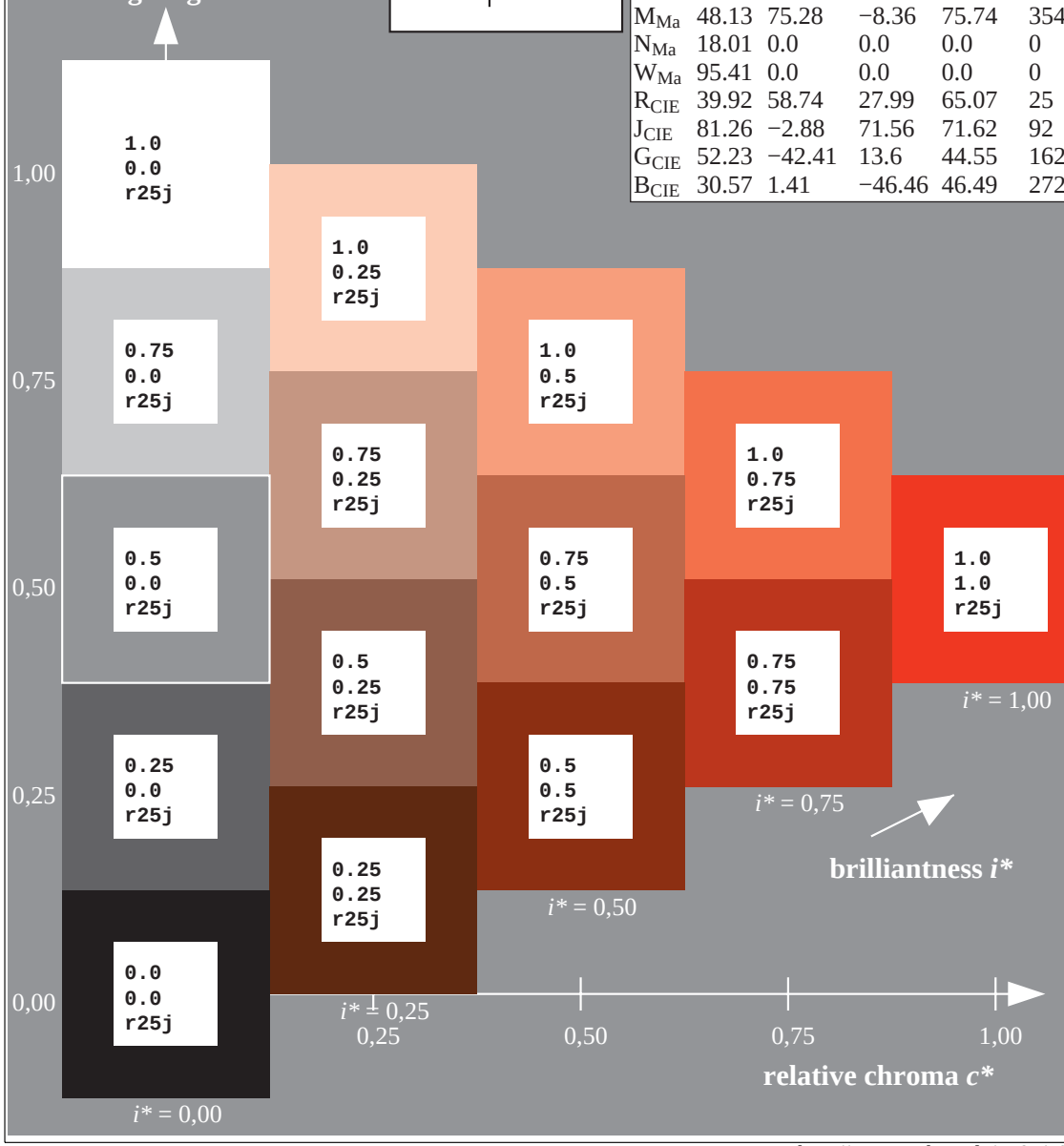
$lab^*olv^*_{Ma}$: 1.0 0.08 0.0

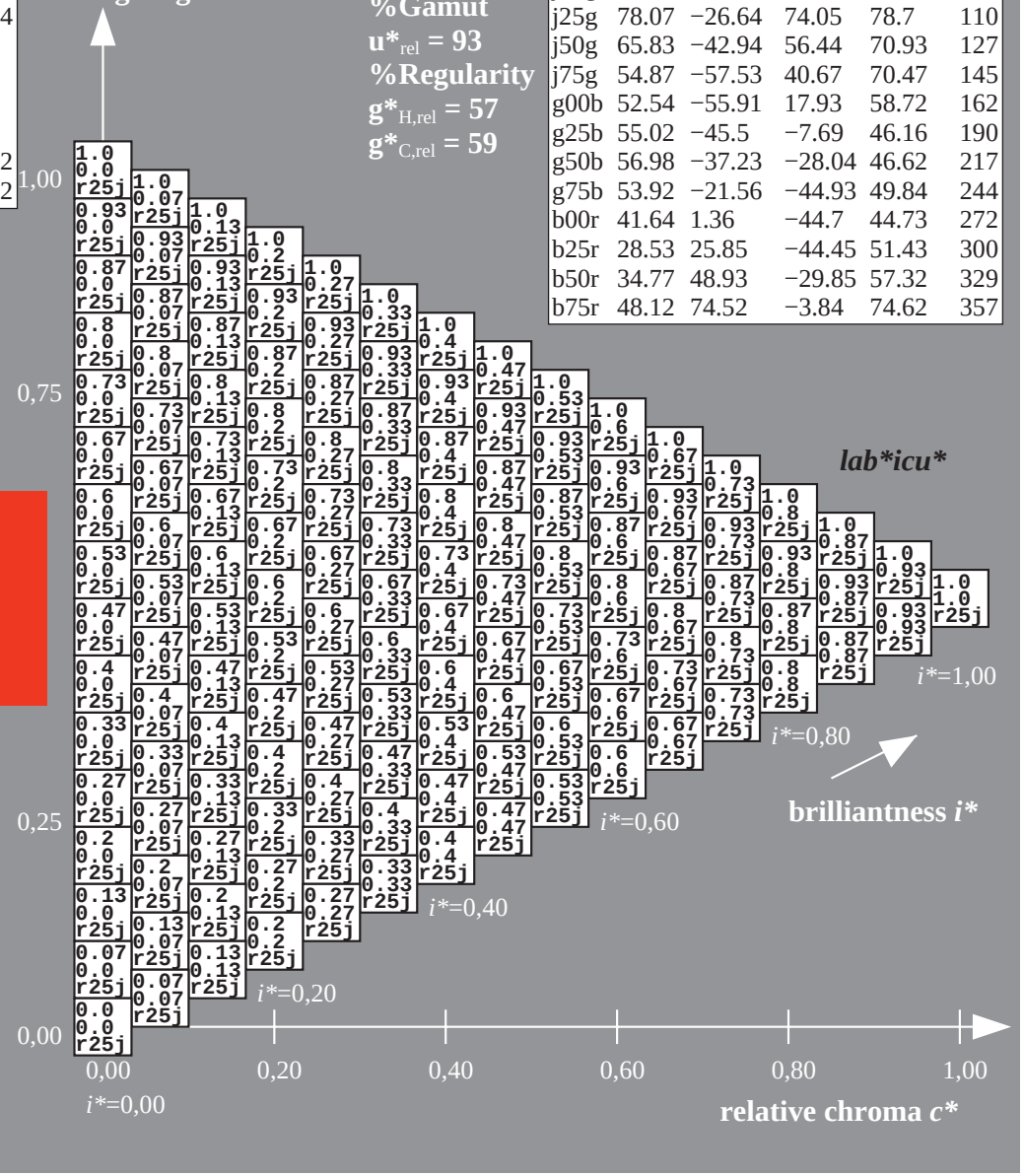
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

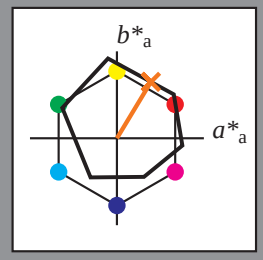




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

$u^* = r50j$
lab^*icu^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$

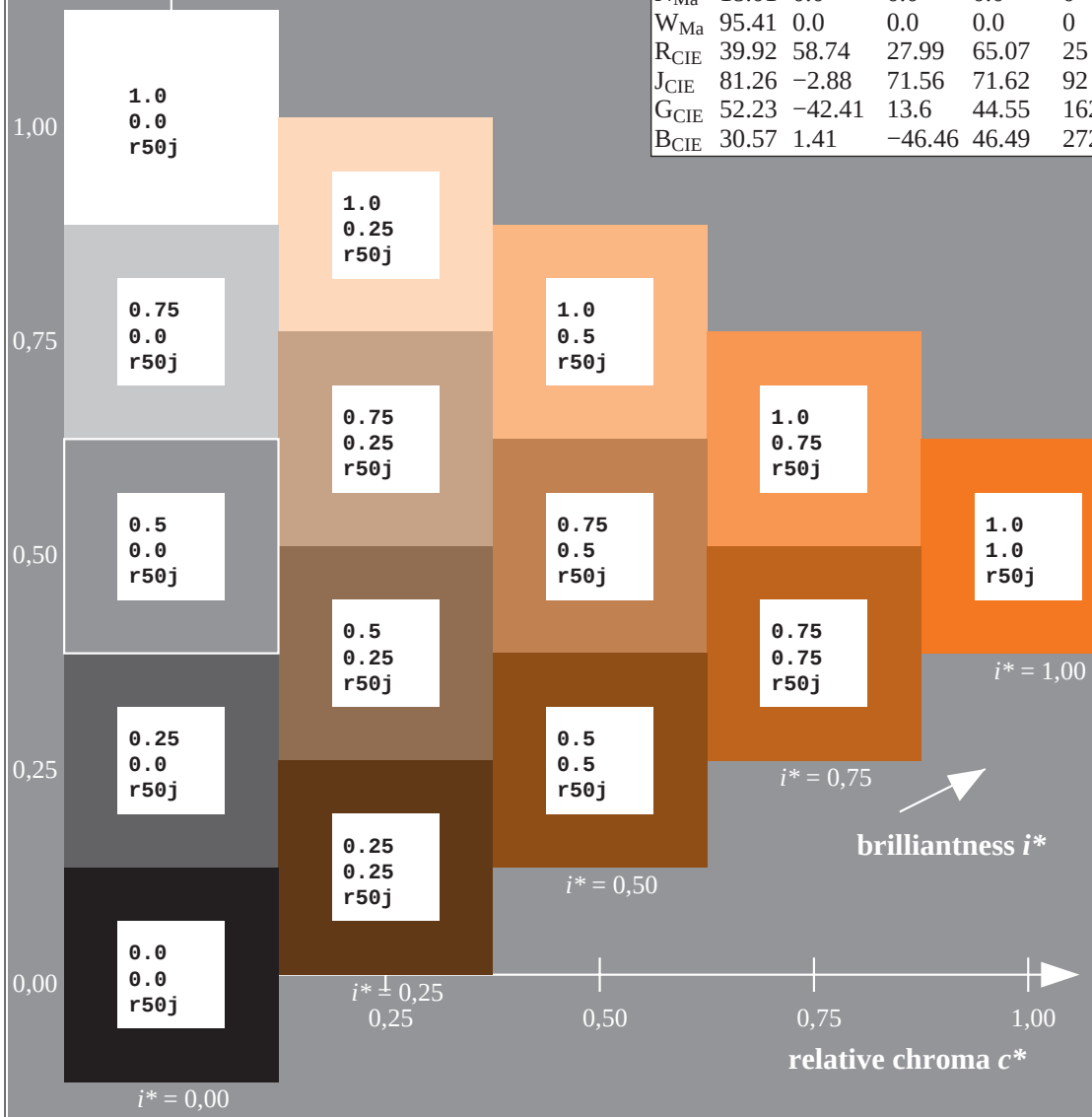


ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 39 65
$LAB^*LCH^*_{Ma}$: 63 76 59
$lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
$lab^*olv^*_{Ma}$: 1.0 0.35 0.0

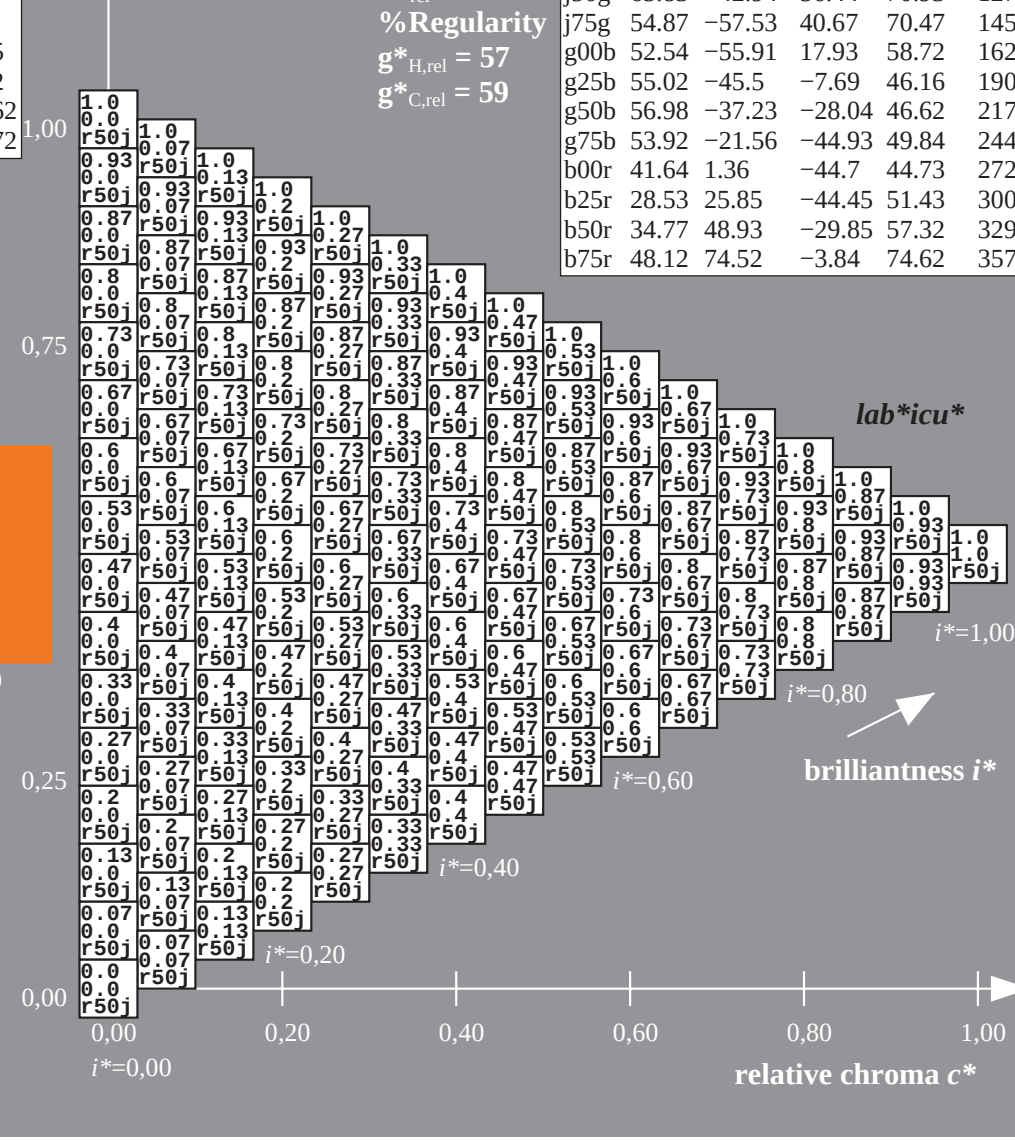
triangle lightness t^*



%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

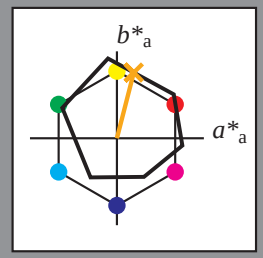
ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



Input and output: Colorimetric Printer Reflective System ORS18_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:
$c_R = 1.0$
triangle lightness *t**



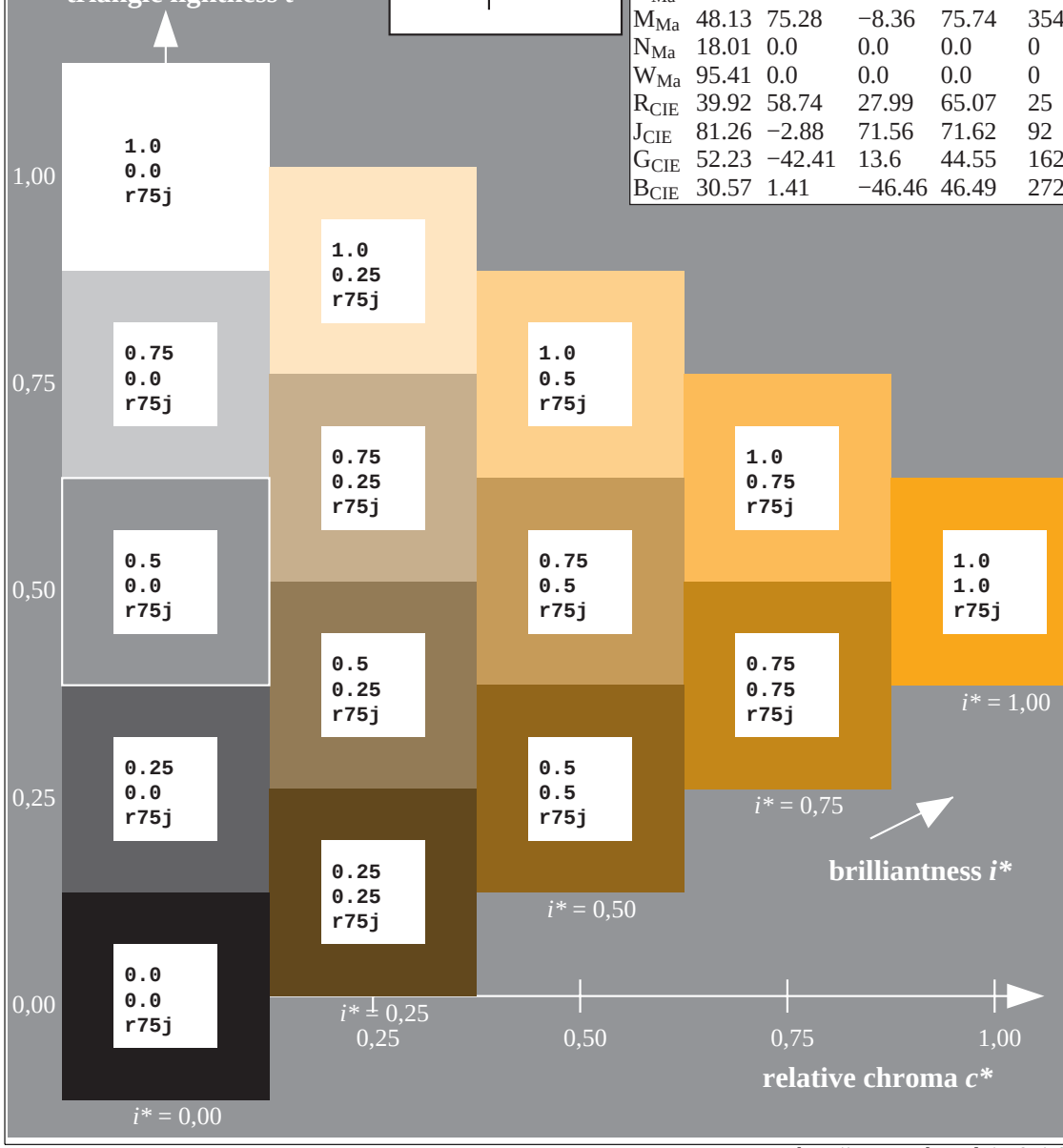
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

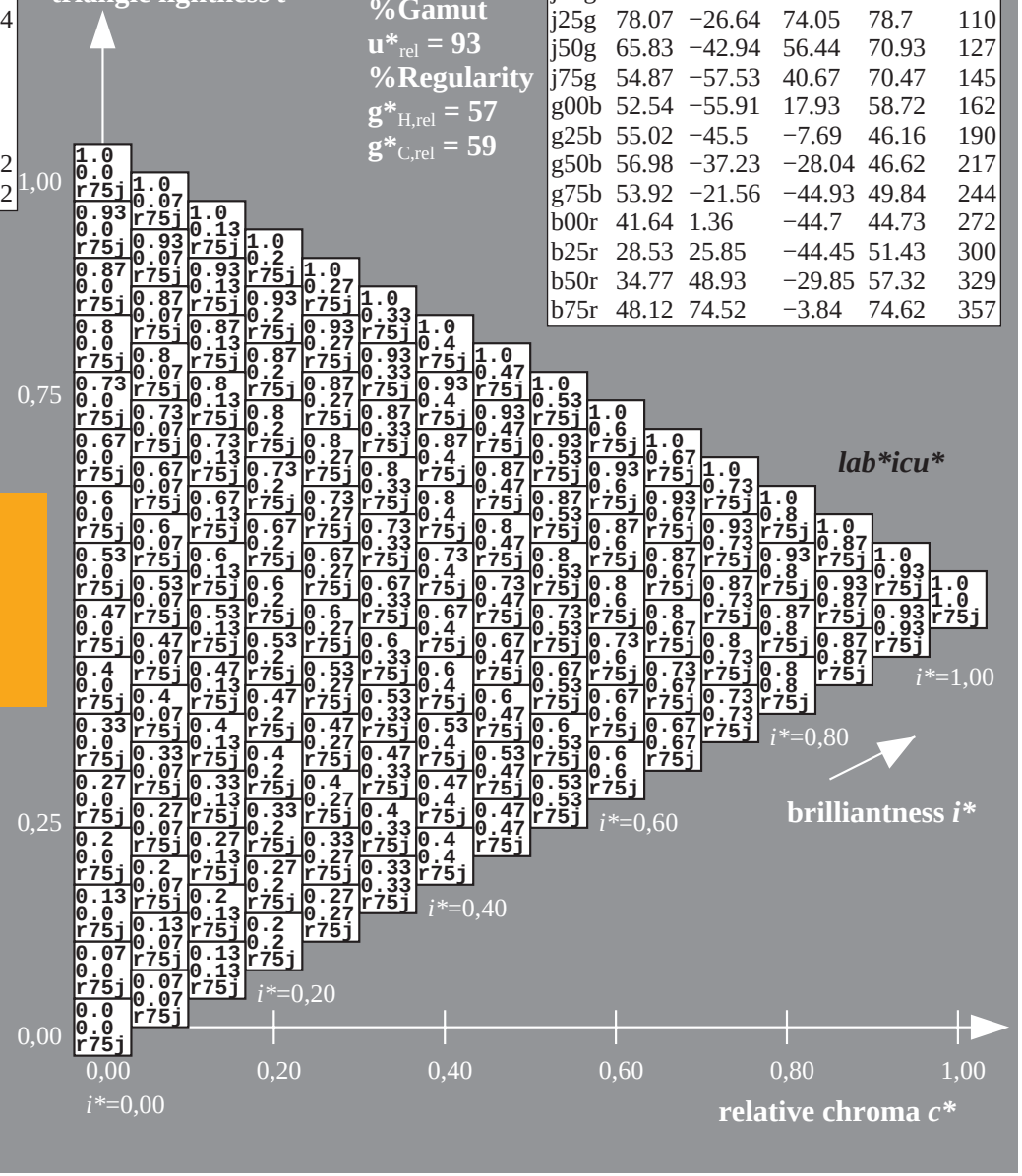
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 74 19 76
*LAB*LCH**$_{Ma}$: 74 78 76
*lab*rgb**$_{Ma}$: 1.0 0.75 0.0
*lab*olv**$_{Ma}$: 1.0 0.61 0.0
triangle lightness *t**

u* = r75j
lab*icu*

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

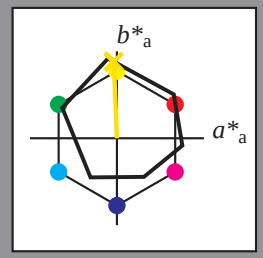
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$





Input and output: Colorimetric Printer Reflective System ORS18_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:
$c_R = 1.0$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

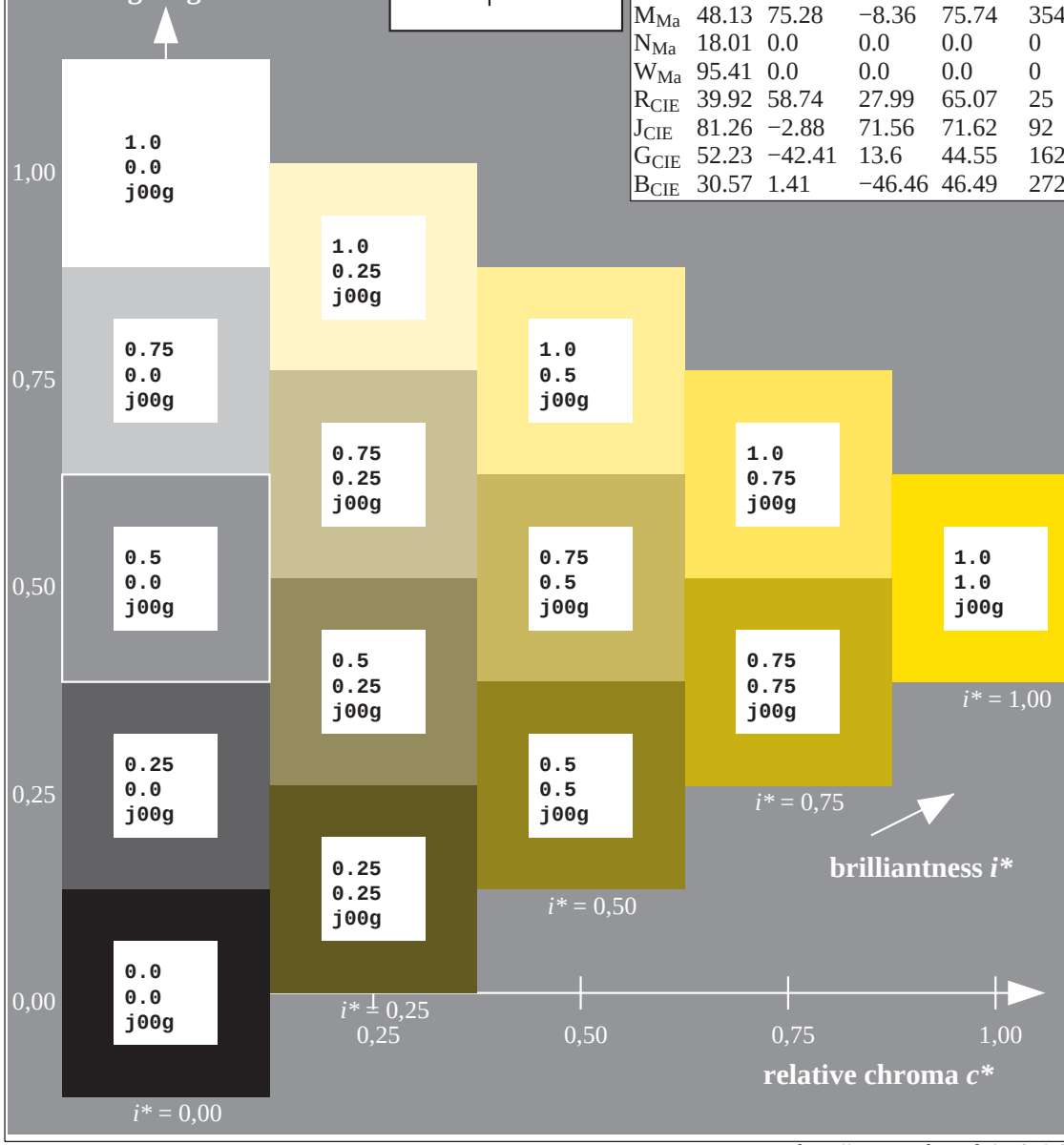
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 87 −3 88
*LAB*LCH**$_{Ma}$: 87 88 92
*lab*rgb**$_{Ma}$: 1.0 1.0 0.0
*lab*olv**$_{Ma}$: 1.0 0.91 0.0

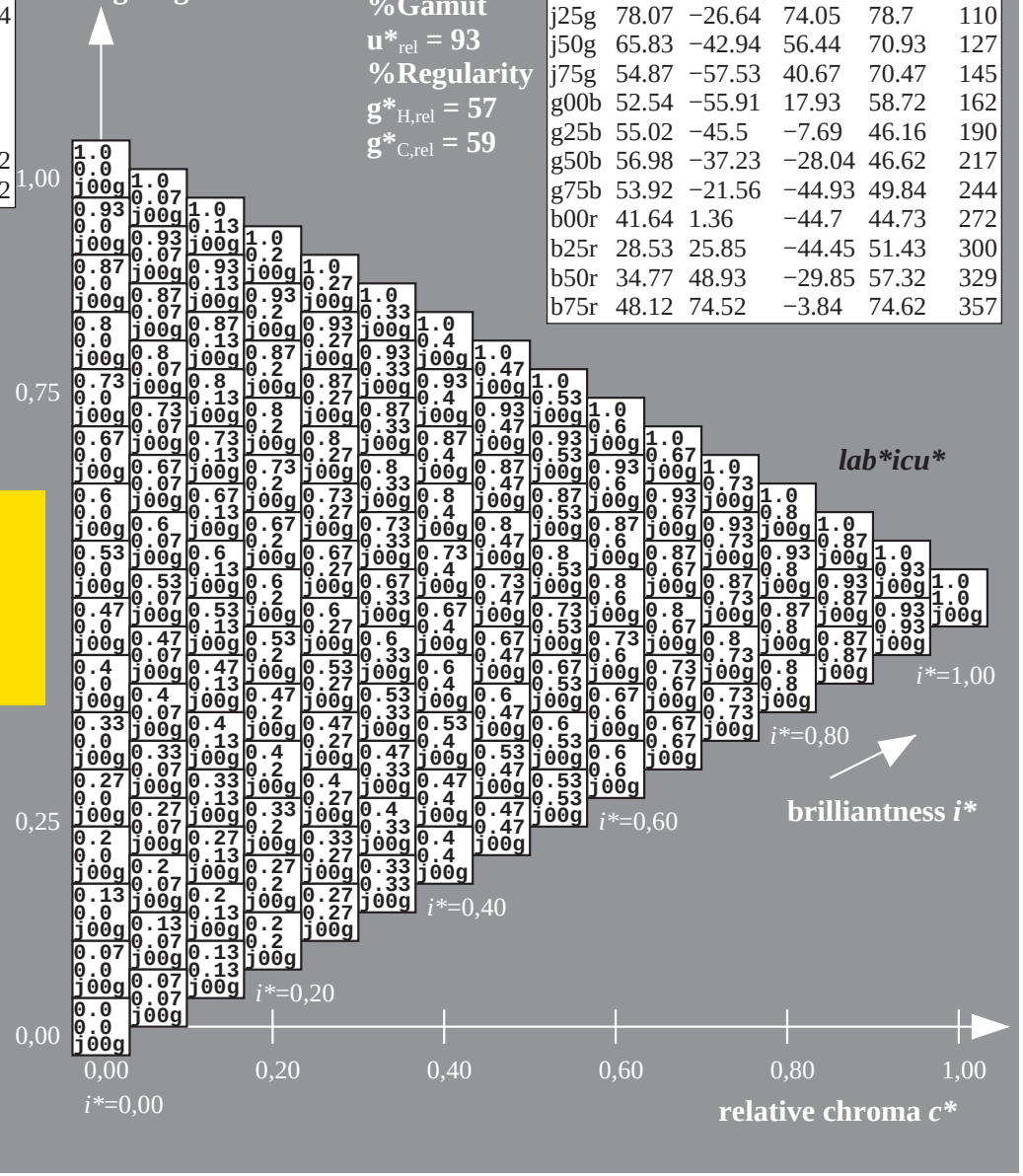
u* = j00g
lab*icu*

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

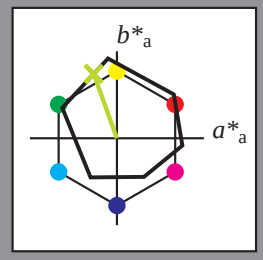




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

$u^* = j25g$
lab^*icu^*

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = j25g
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

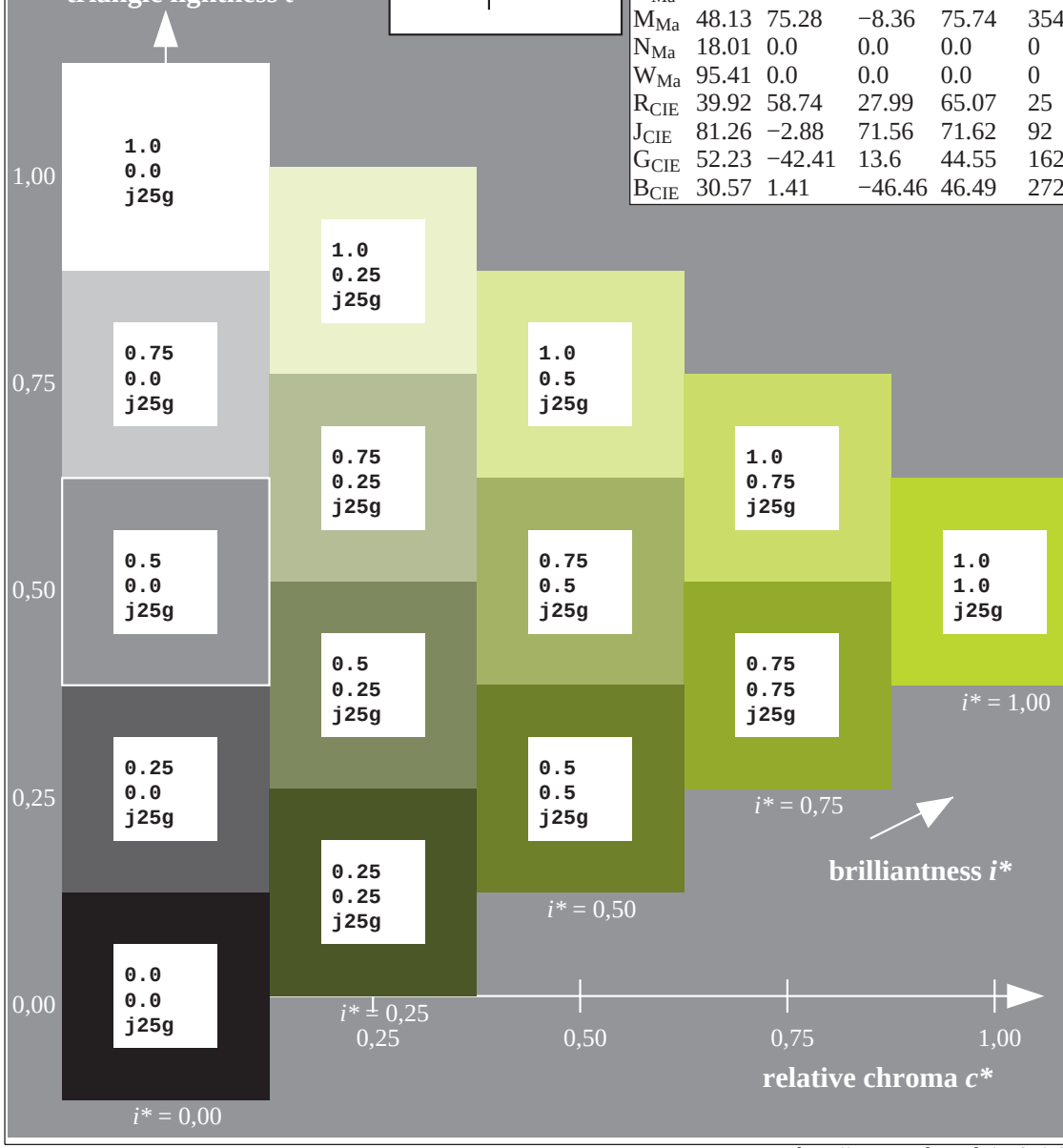
Data for maximum colour (Ma):

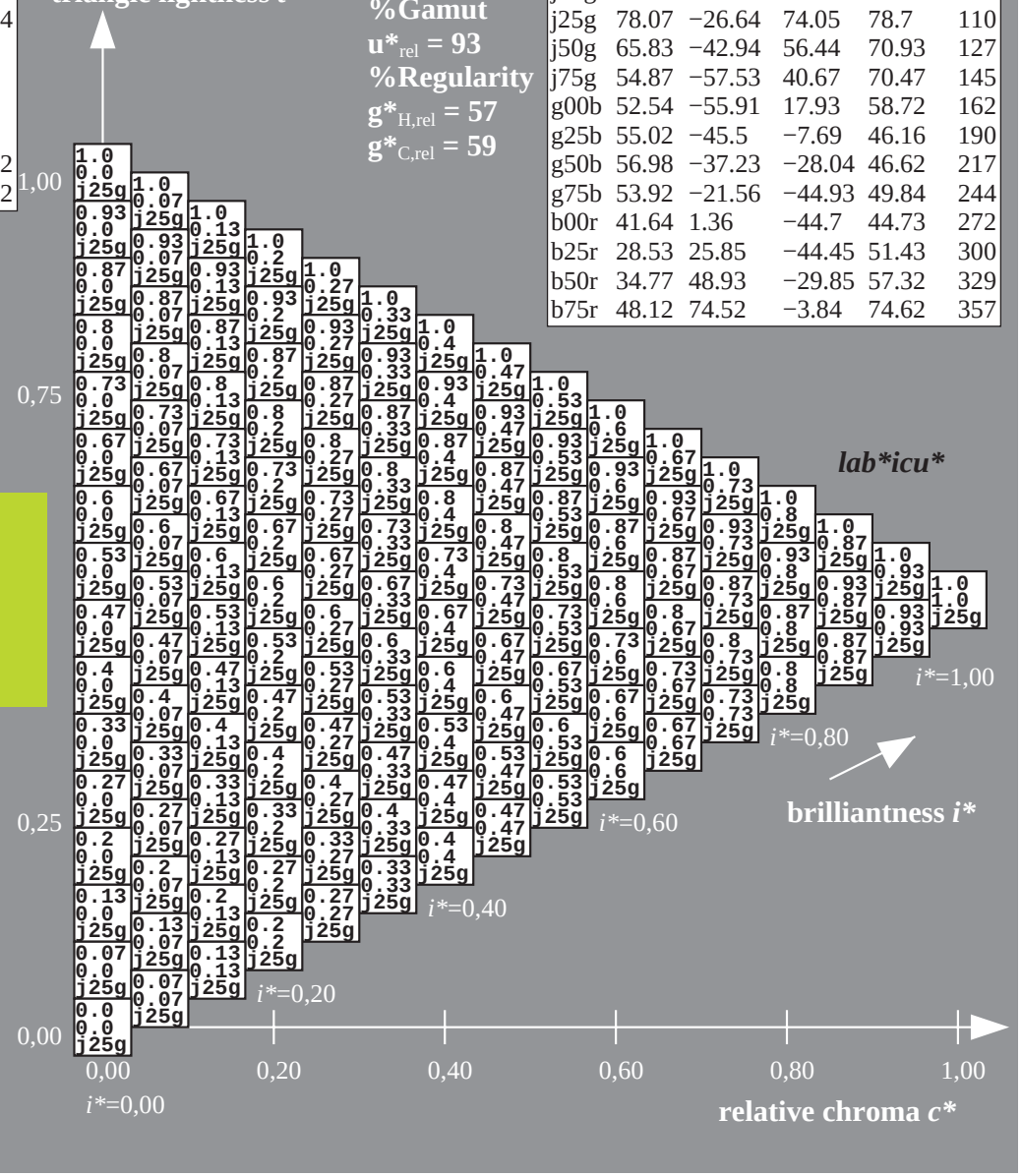
***LAB*LAB*$_{Ma}$*: 78 −26 74**
***LAB*LCH*$_{Ma}$*: 78 79 110**
***lab*rgb*$_{Ma}$*: 0.75 1.0 0.0**
***lab*olv*$_{Ma}$*: 0.69 1.0 0.0**

triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

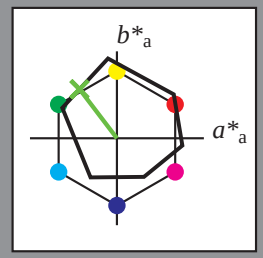




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

$u^* = j50g$
lab^*icu^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

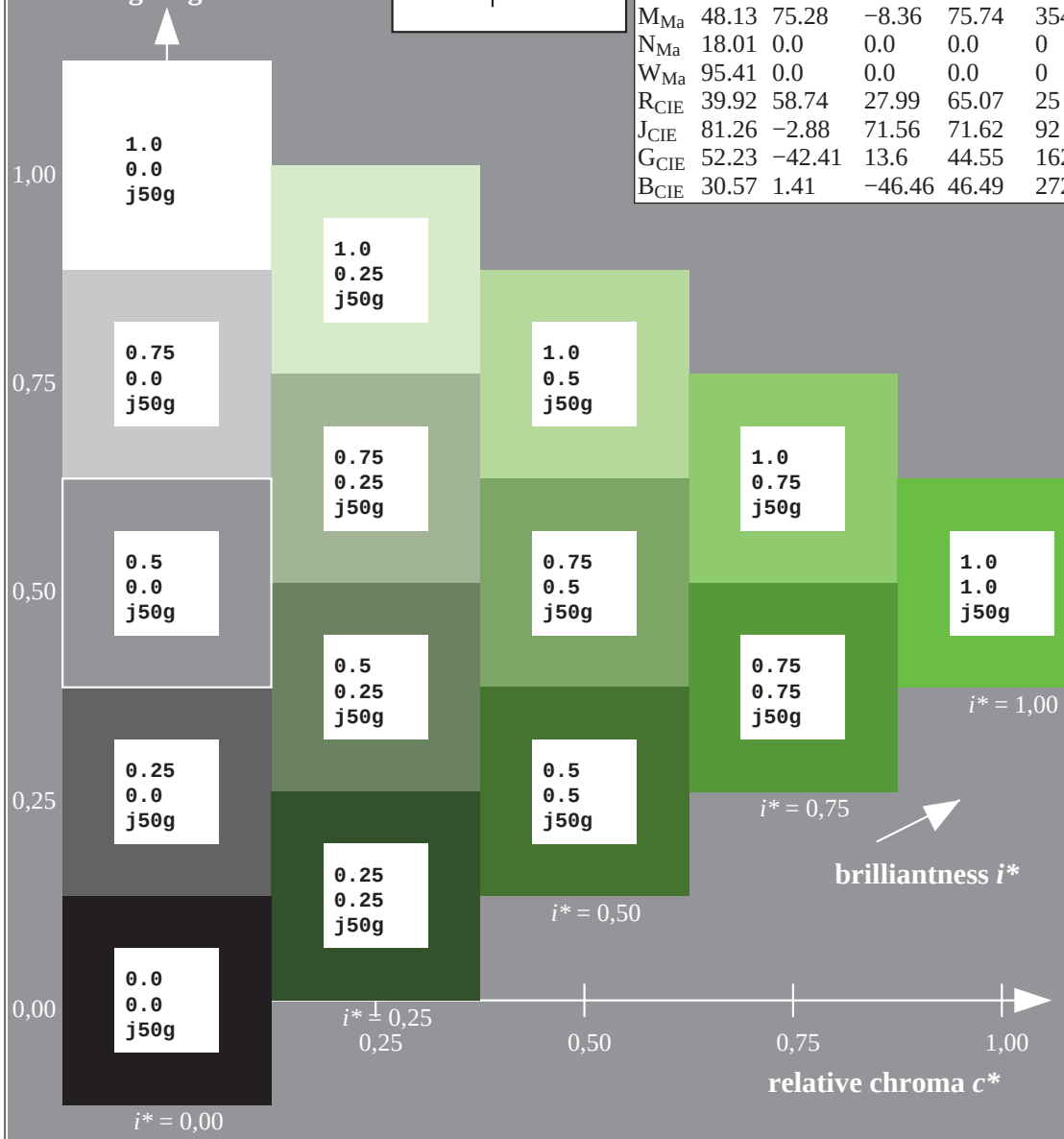


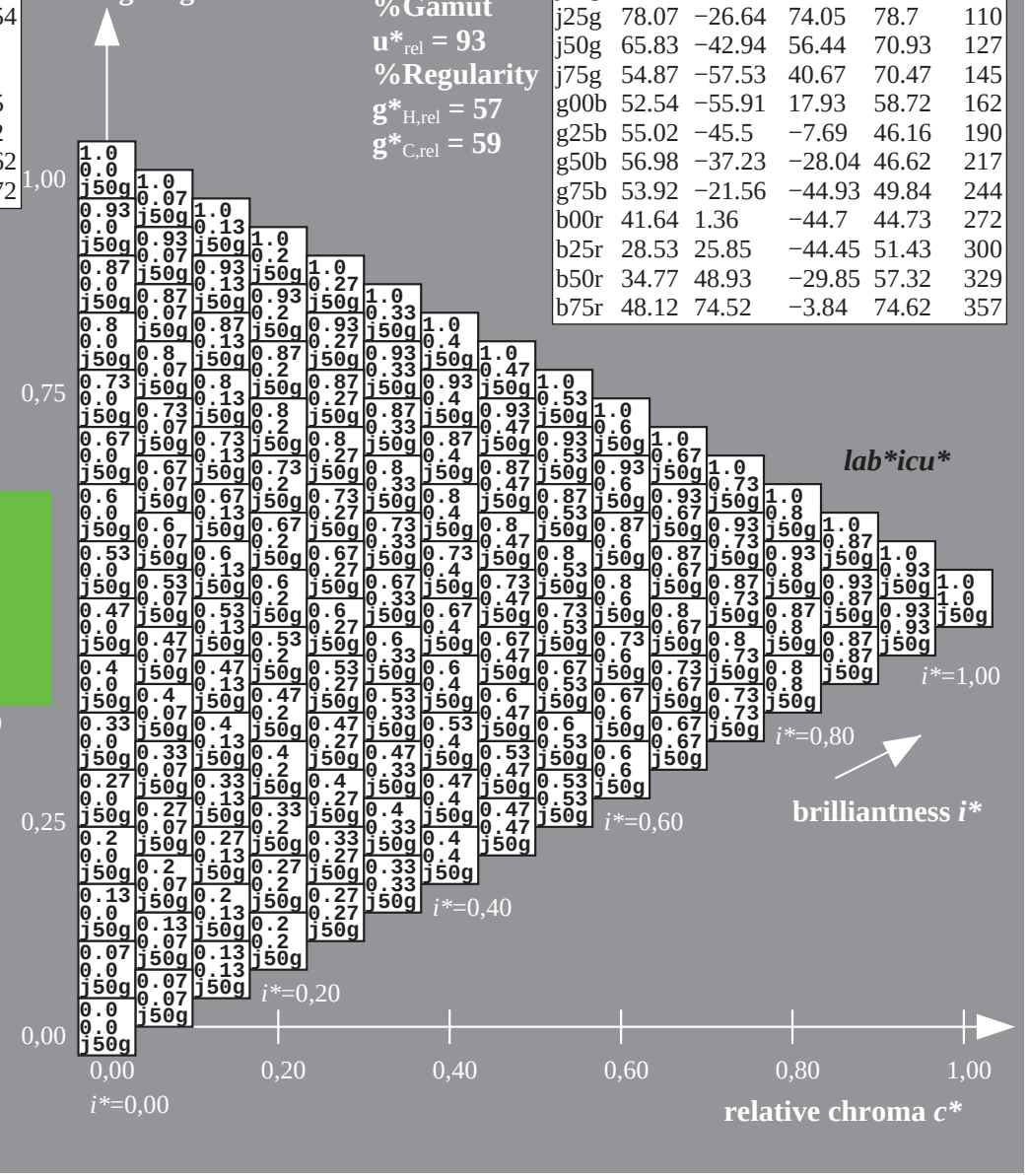
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −42 56
$LAB^*LCH^*_{Ma}$: 66 71 127
$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
$lab^*olv^*_{Ma}$: 0.38 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ ***u* = j75g***

lab*icu*

data for any colour:

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

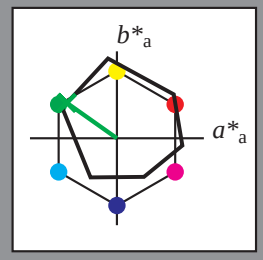
elementary hue text:

u* = j75g

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −57 41

LAB*LCH*$_{Ma}$: 55 70 145

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

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

%Gamut

$u^*_{rel} = 93$

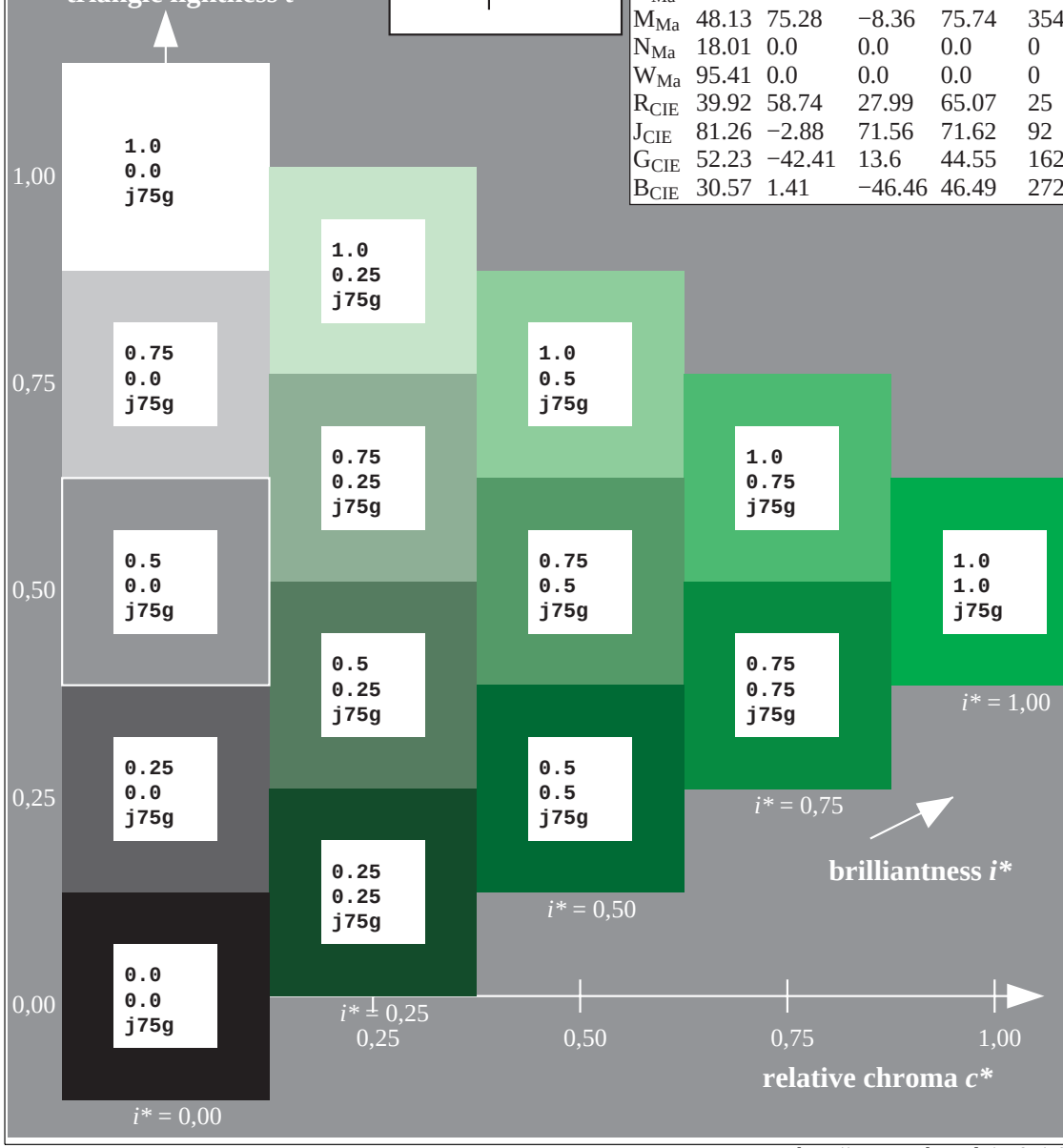
%Regularity

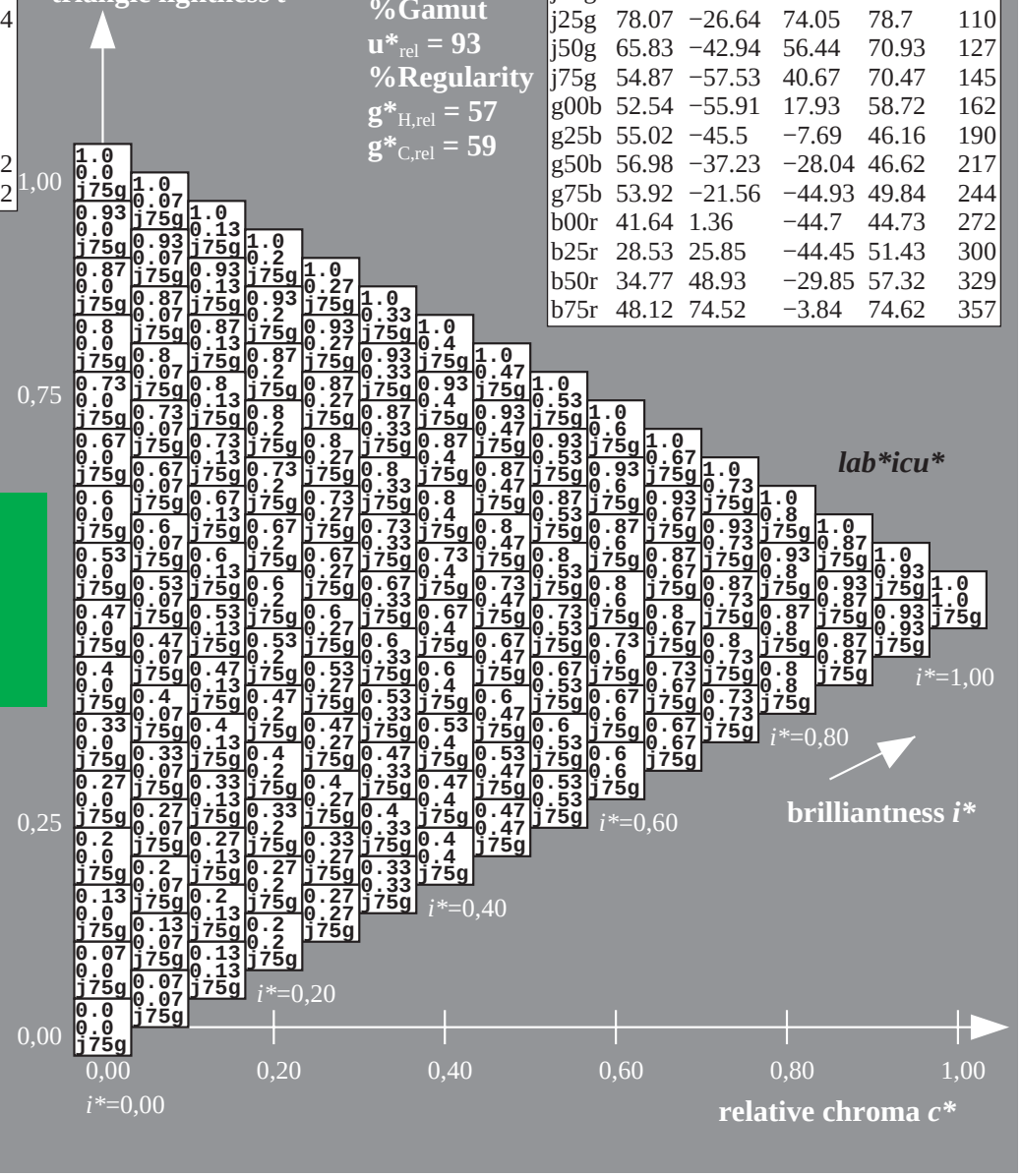
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

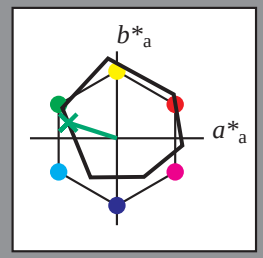




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = g00b
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

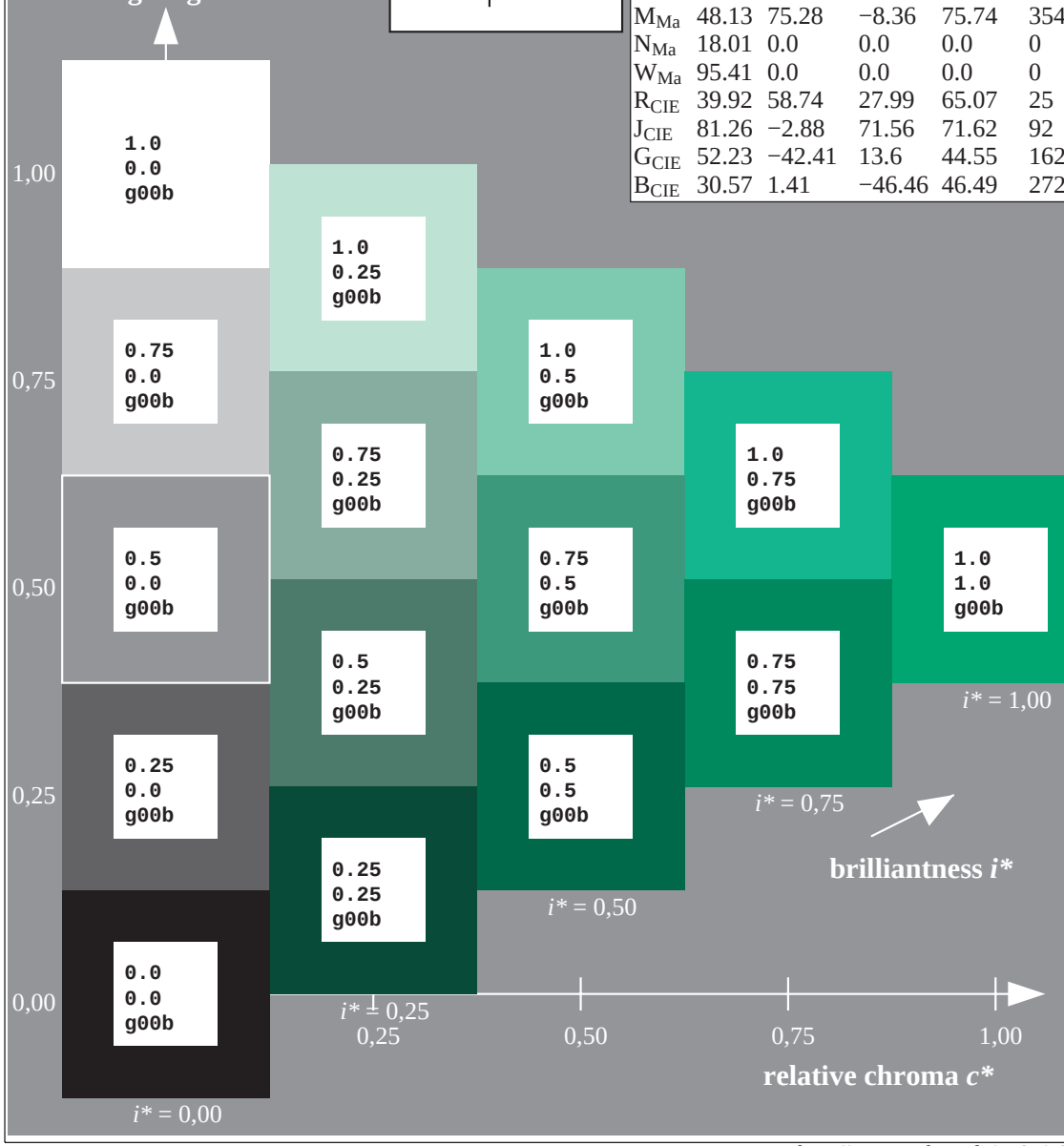


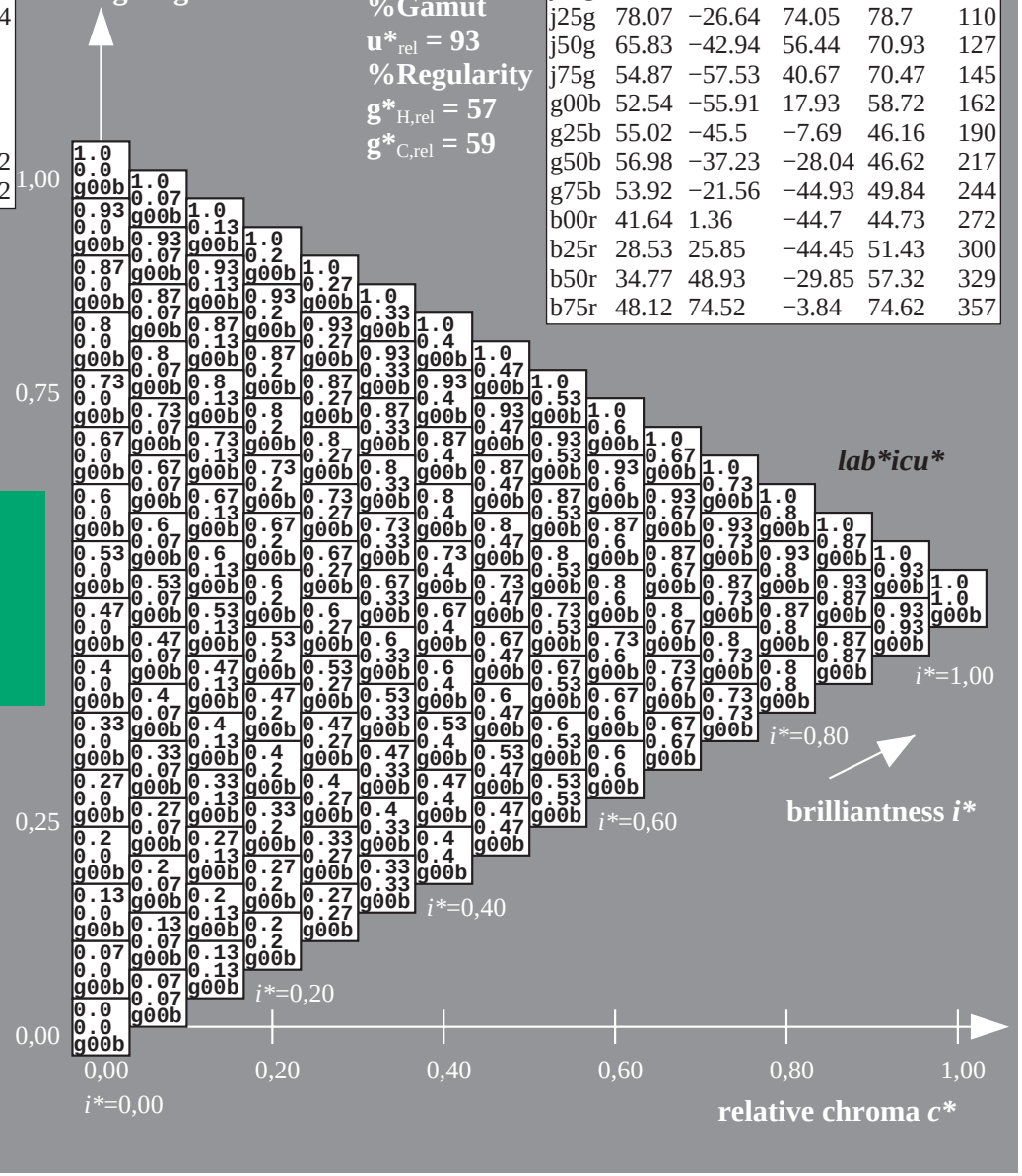
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −55 18**
***LAB*LCH*$_{Ma}$*: 53 59 162**
***lab*rgb*$_{Ma}$*: 0.0 1.0 0.0**
***lab*olv*$_{Ma}$*: 0.0 1.0 0.21**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

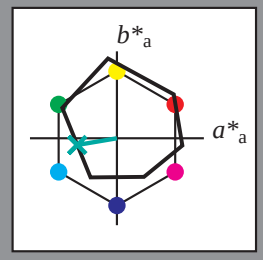




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

$u^* = g25b$
lab^*icu^*

data for any colour:
lab^*tch^** and *lab^*icu^*
elementary hue text:
$u^* = g25b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −45 −7**

***$LAB^*LCH^*_{Ma}$*: 55 46 190**

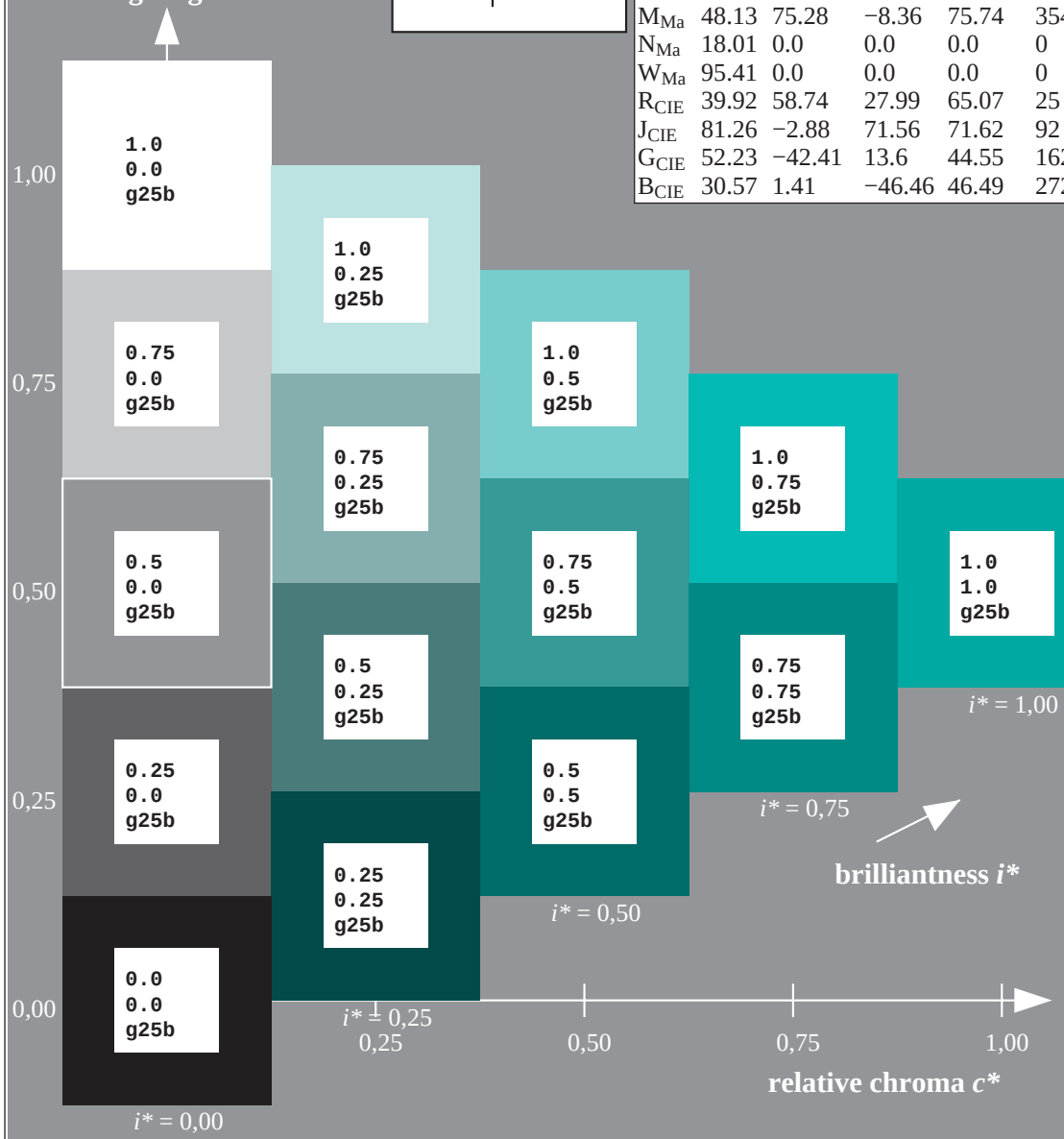
***$lab^*rgb^*_{Ma}$*: 0.0 1.0 0.5**

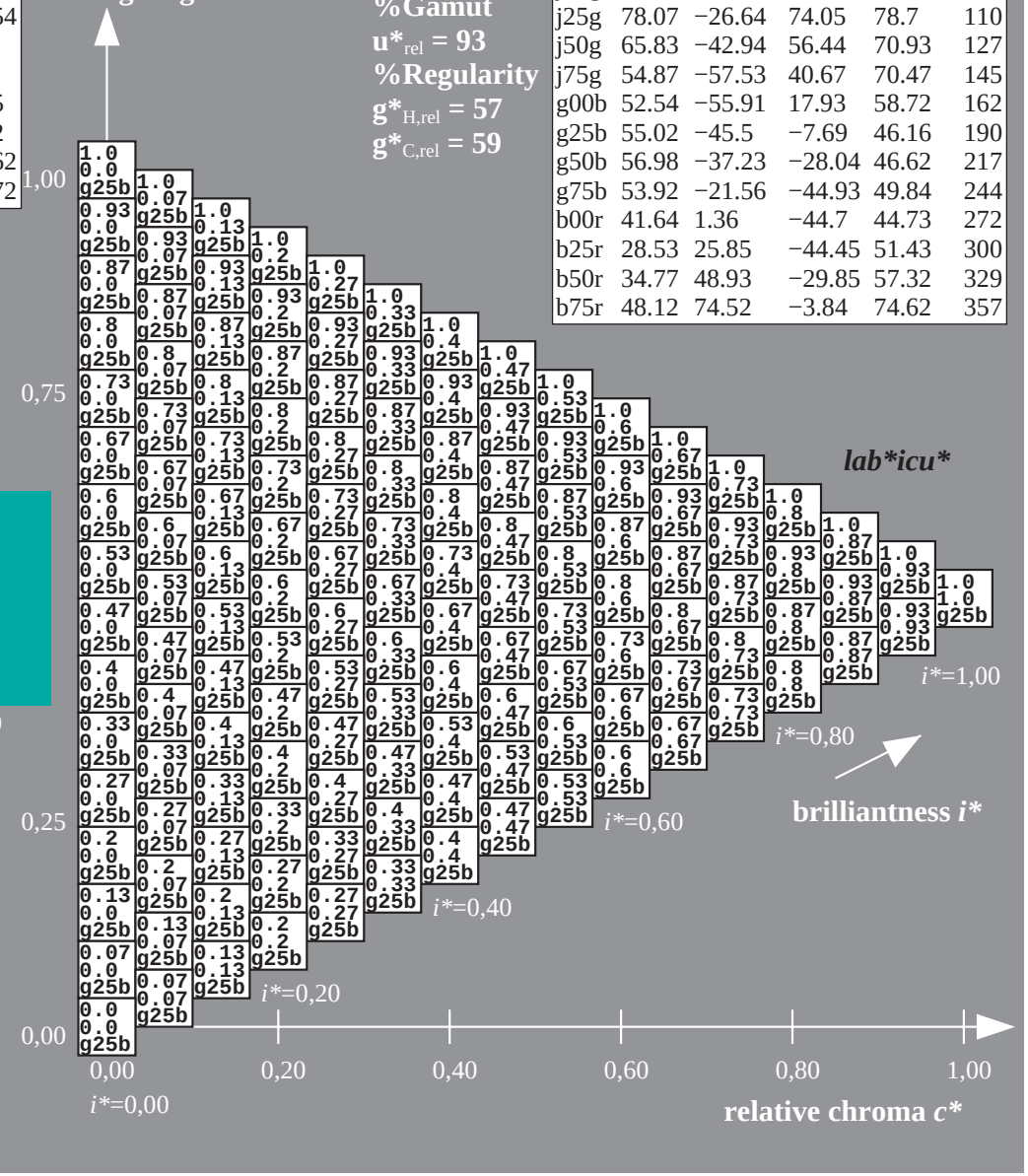
***$lab^*olv^*_{Ma}$*: 0.0 1.0 0.53**

triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

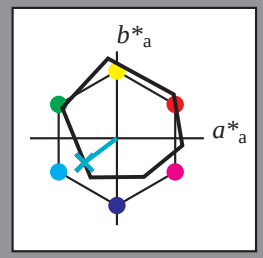




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

$u^* = g50b$
lab^*icu^*

data for any colour:
lab^*tch^** and *lab^*icu^*
elementary hue text:
$u^* = g50b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −36 −27**

***$LAB^*LCH^*_{Ma}$*: 57 47 217**

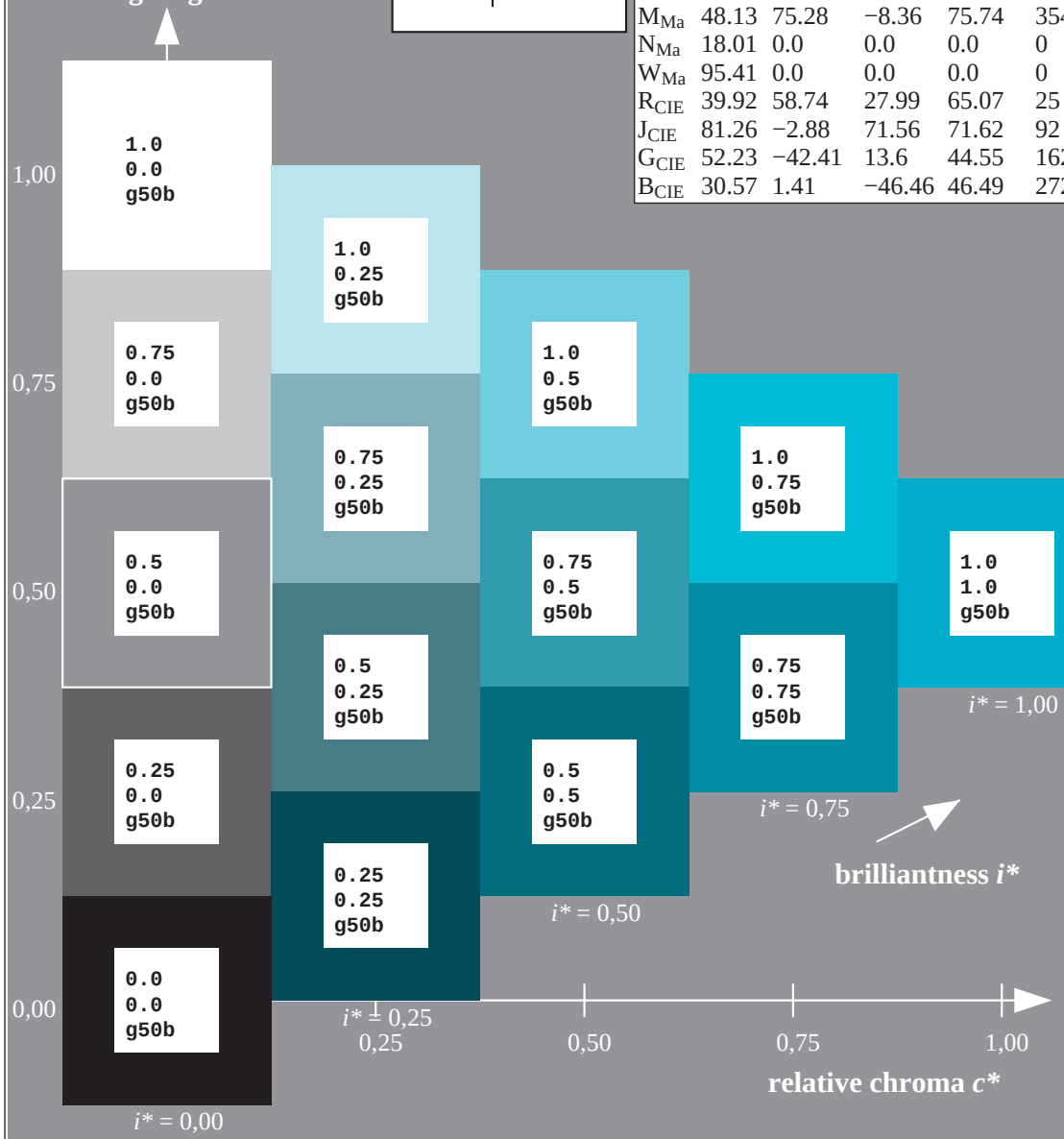
***$lab^*rgb^*_{Ma}$*: 0.0 1.0 1.0**

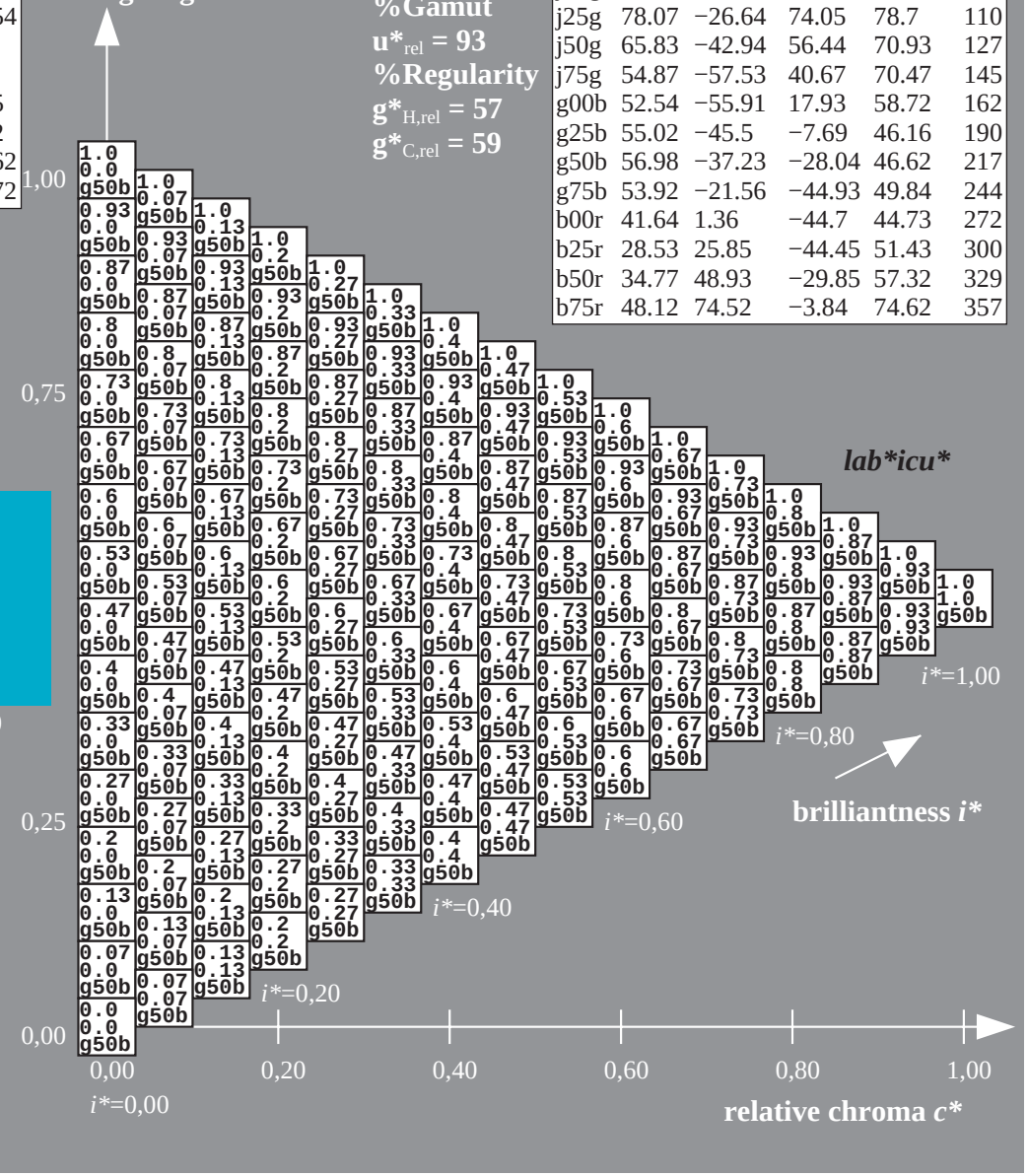
***$lab^*olv^*_{Ma}$*: 0.0 1.0 0.79**

triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

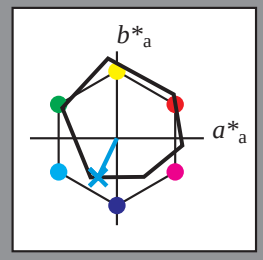




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

$u^* = g75b$
lab^*icu^*

data for any colour:
lab^*tch^** and *lab^*icu^*
elementary hue text:
$u^* = g75b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

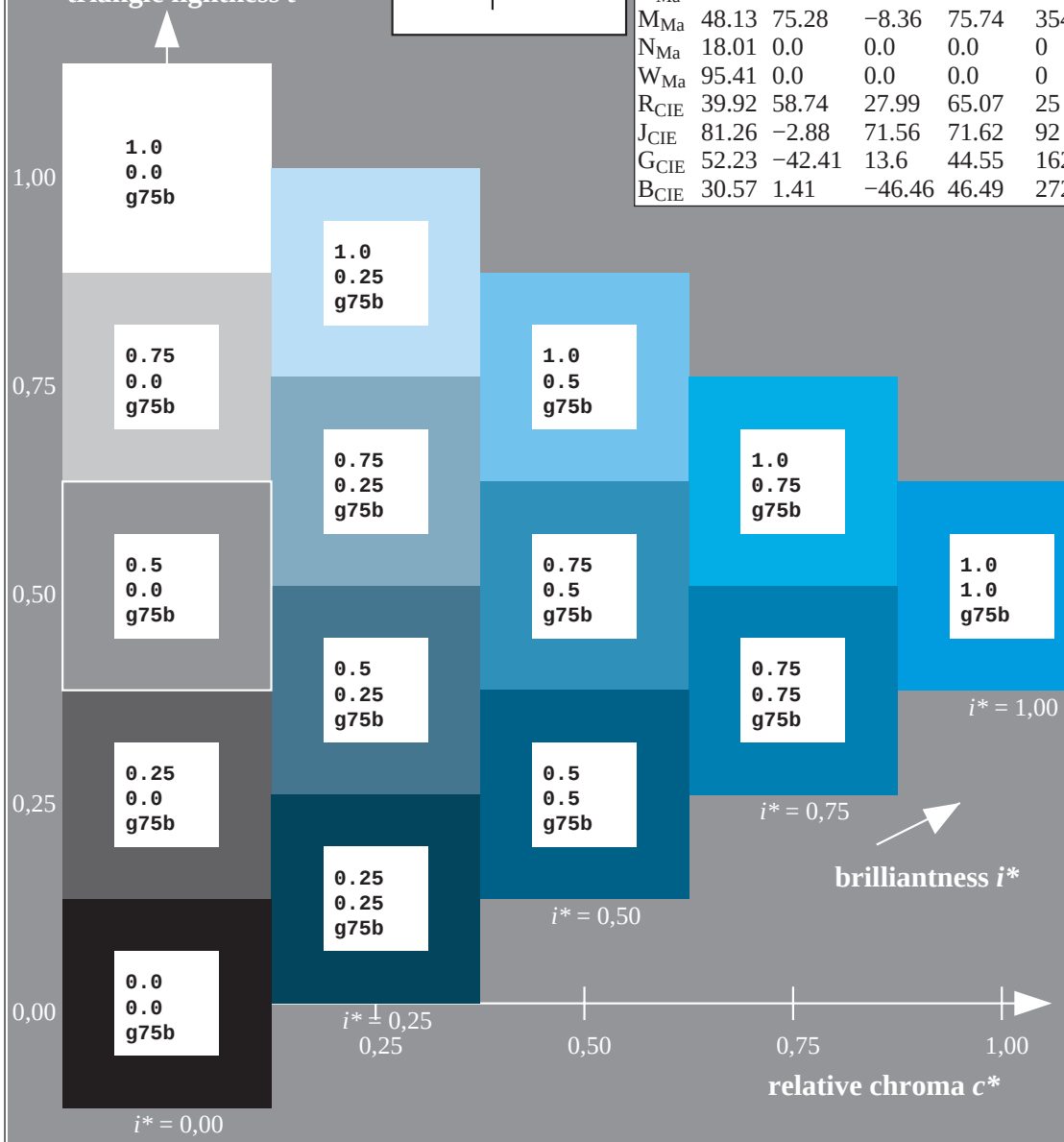


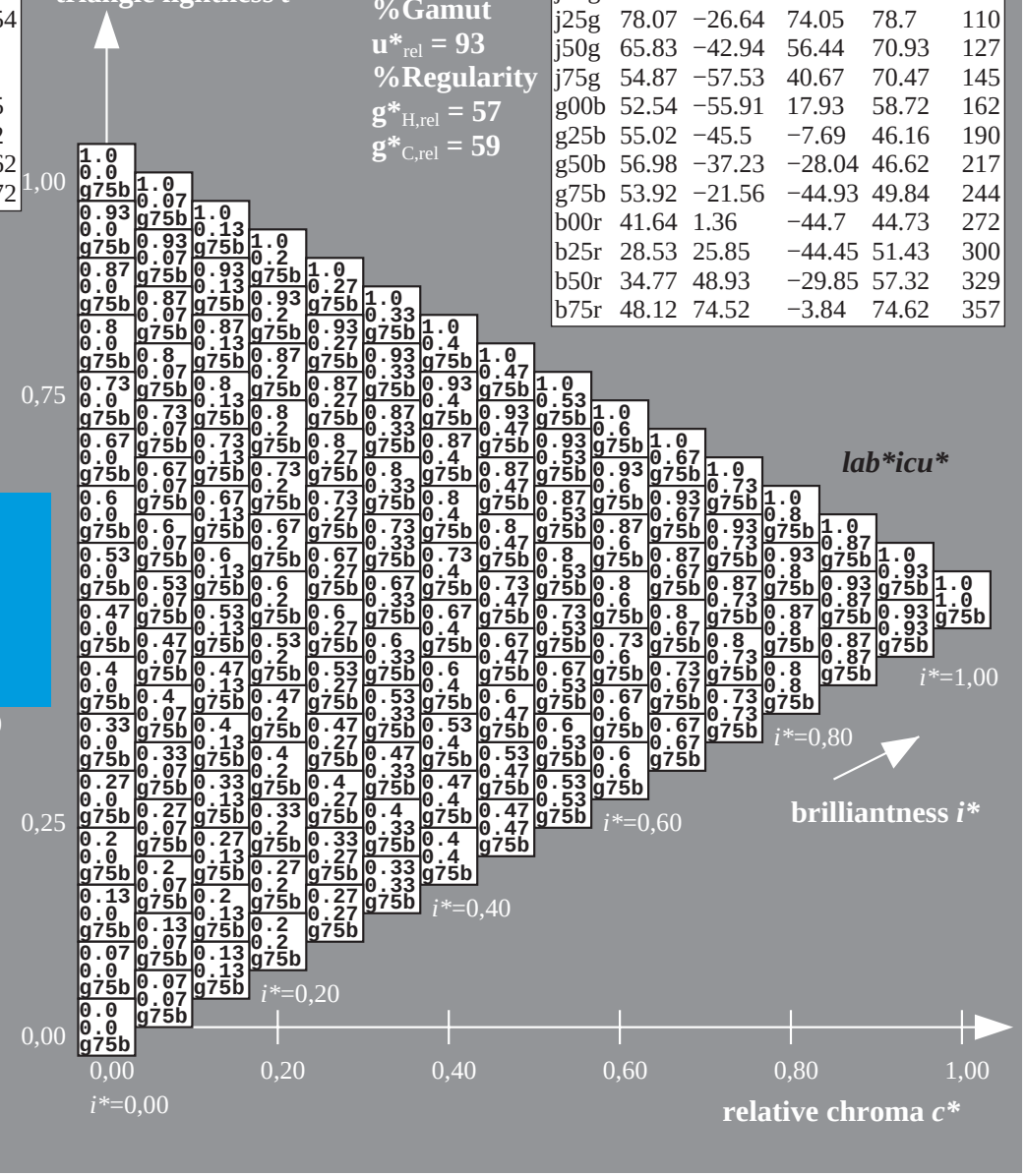
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −21 −44**
***$LAB^*LCH^*_{Ma}$*: 54 50 244**
***$lab^*rgb^*_{Ma}$*: 0.0 0.5 1.0**
***$lab^*olv^*_{Ma}$*: 0.0 0.86 1.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

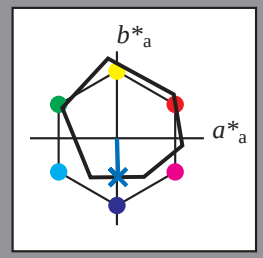




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

$u^* = b00r$
lab^*icu^*

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b00r$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 −44

$LAB^*LCH^*_{Ma}$: 42 45 272

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

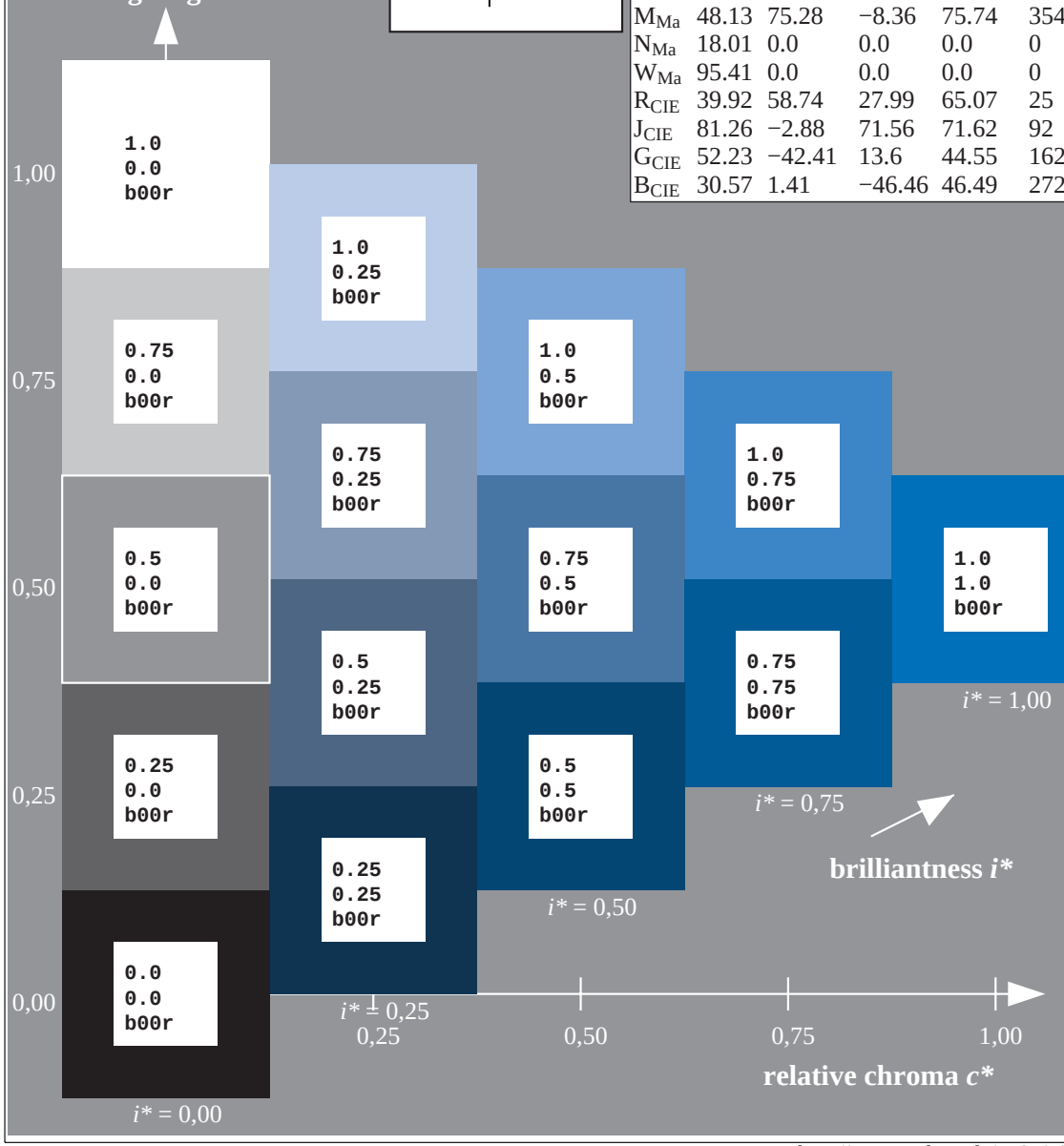
$lab^*olv^*_{Ma}$: 0.0 0.48 1.0

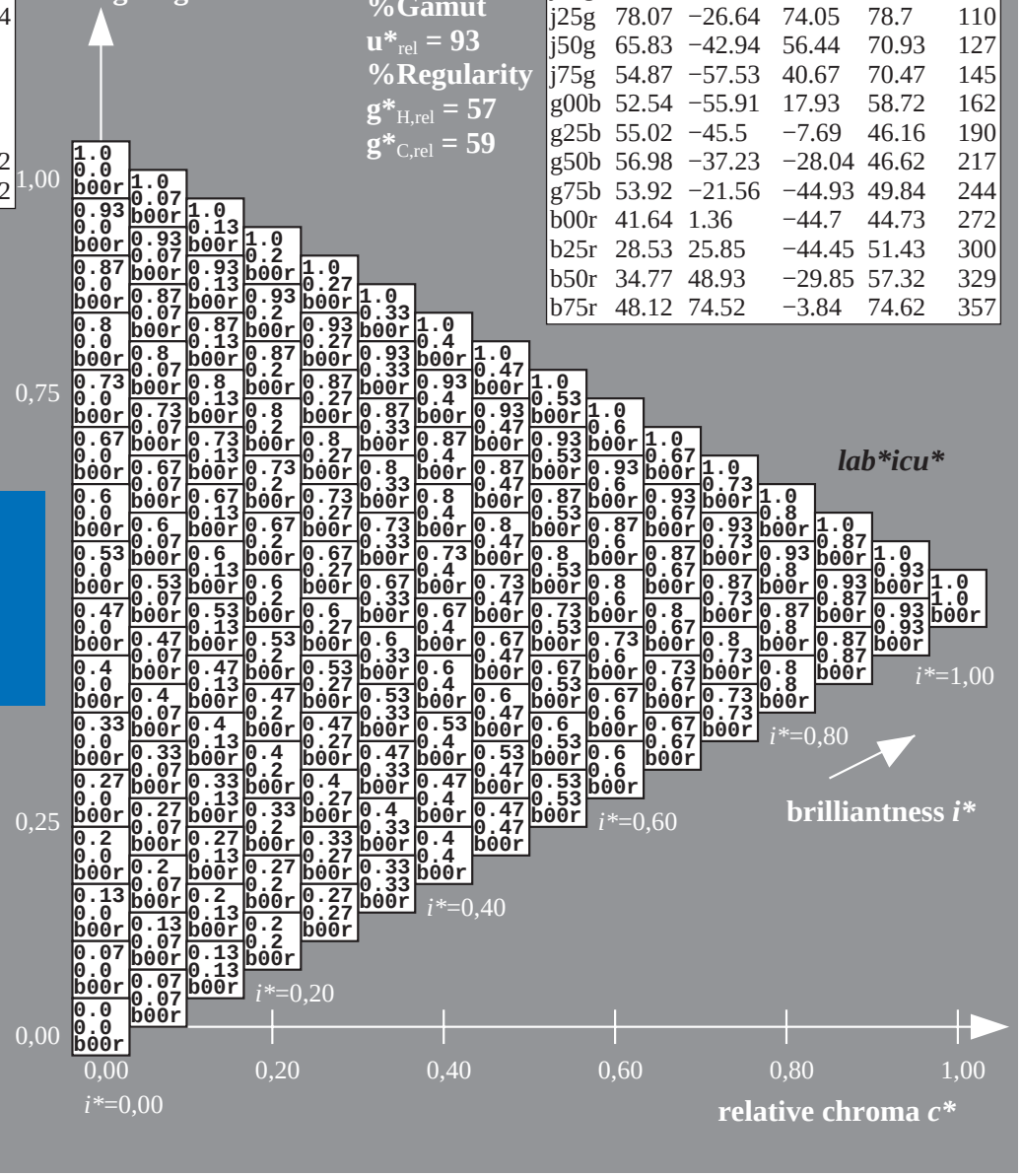
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

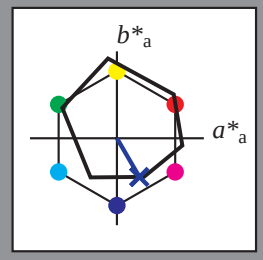




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b25r$
contrast reduction factor:
$c_R = 1.0$



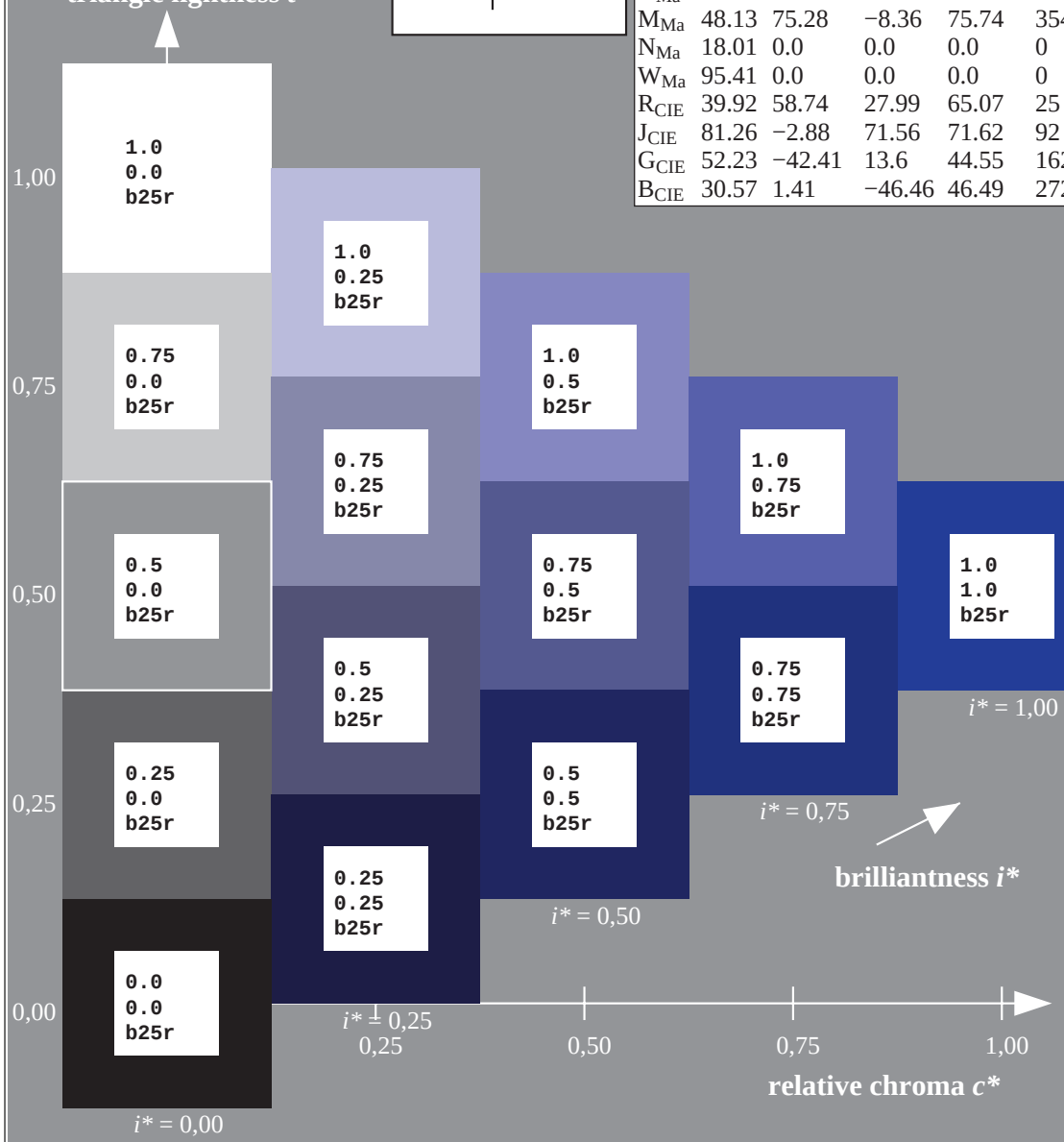
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

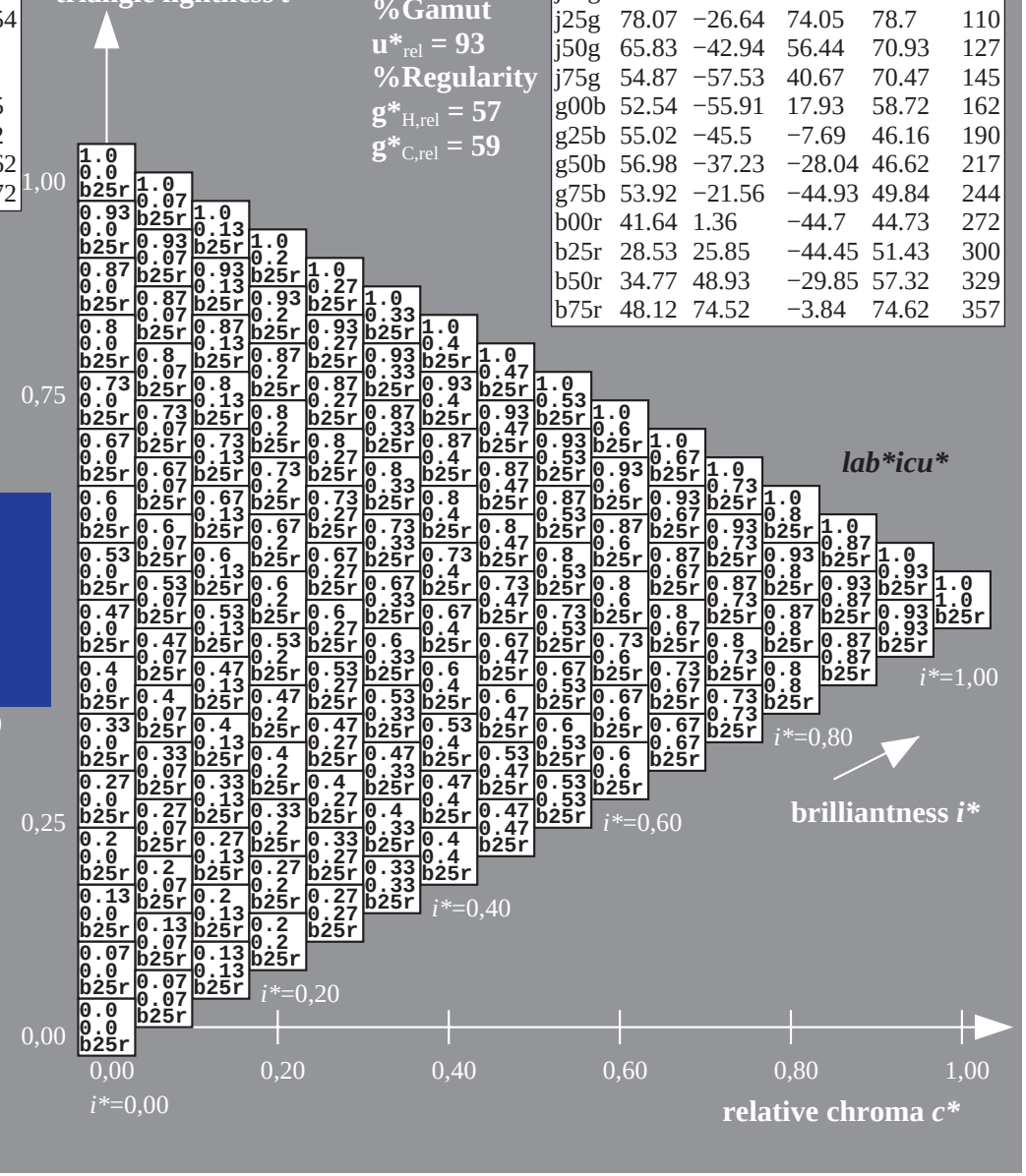
Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 29 26 −43
$LAB^*LCH^*_{Ma}$: 29 51 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

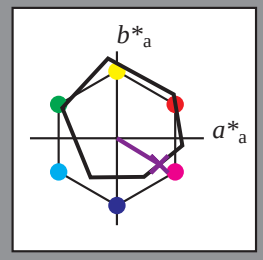




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

$u^* = b50r$
lab^*icu^*

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = b50r
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**

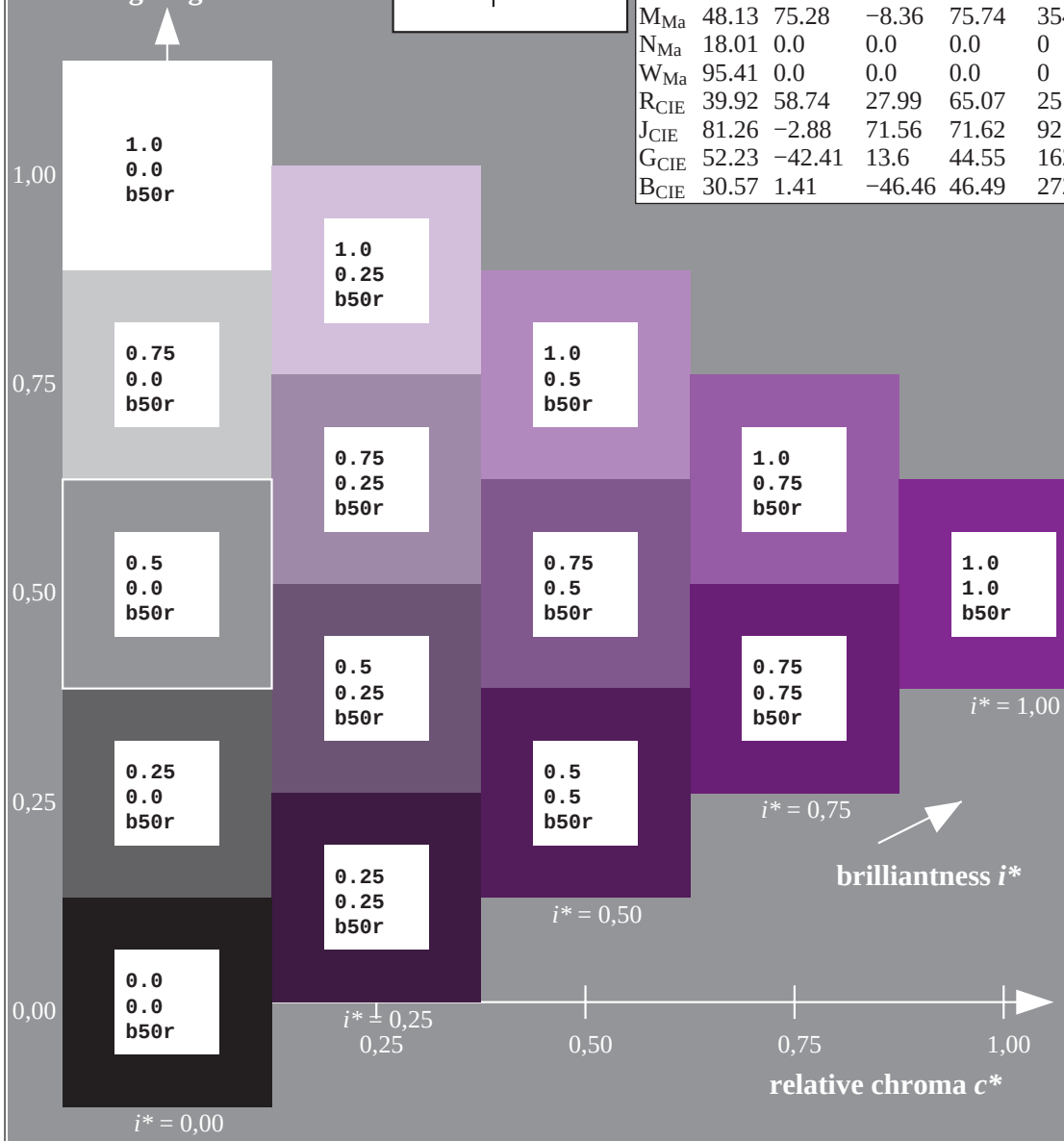


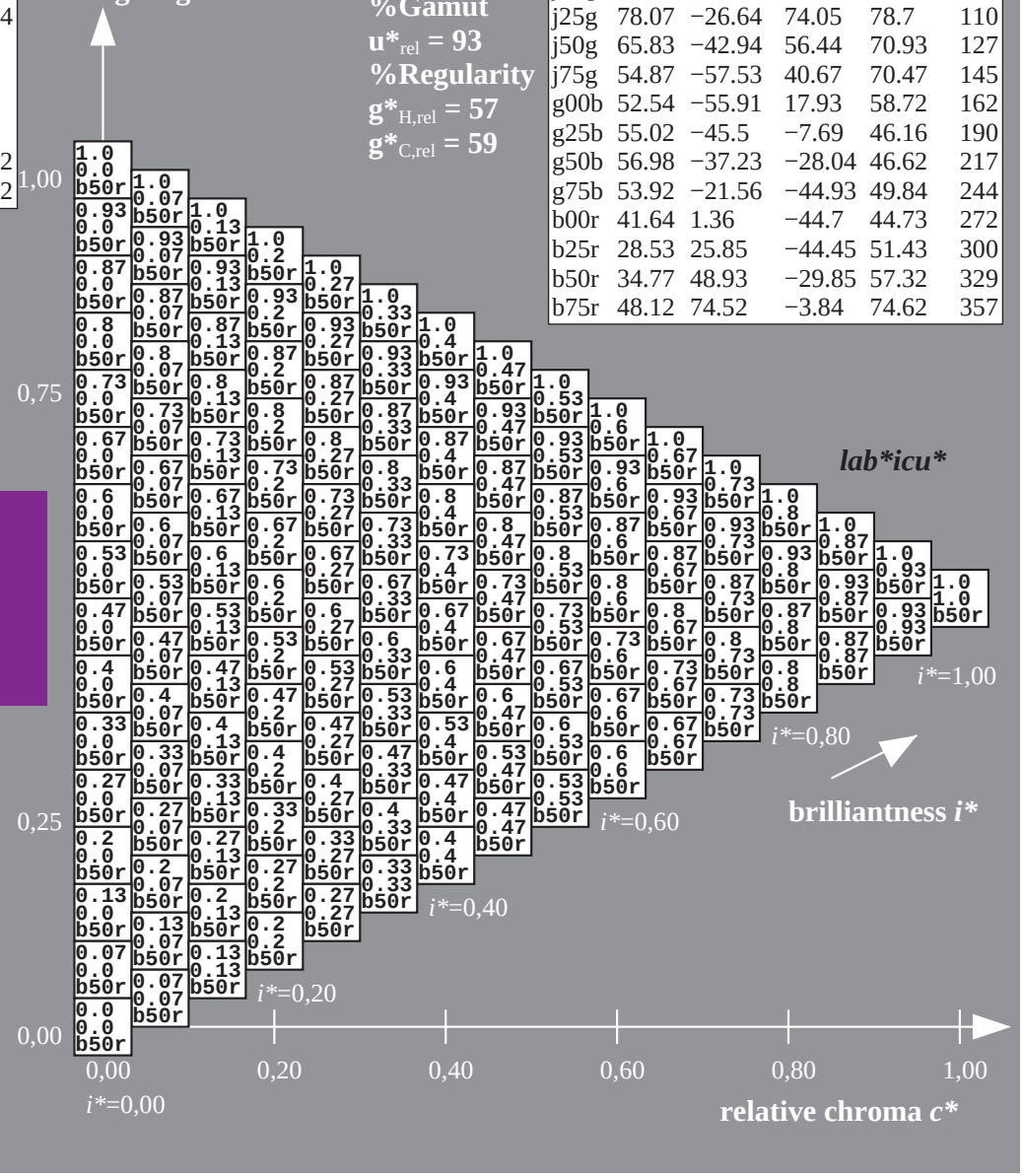
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 49 −29**
***LAB*LCH*Ma*: 35 57 329**
***lab*rgb*Ma*: 1.0 0.0 1.0**
***lab*olv*Ma*: 0.4 0.0 1.0**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

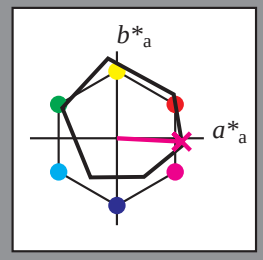




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

$u^* = b75r$
lab^*icu^*

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = b75r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

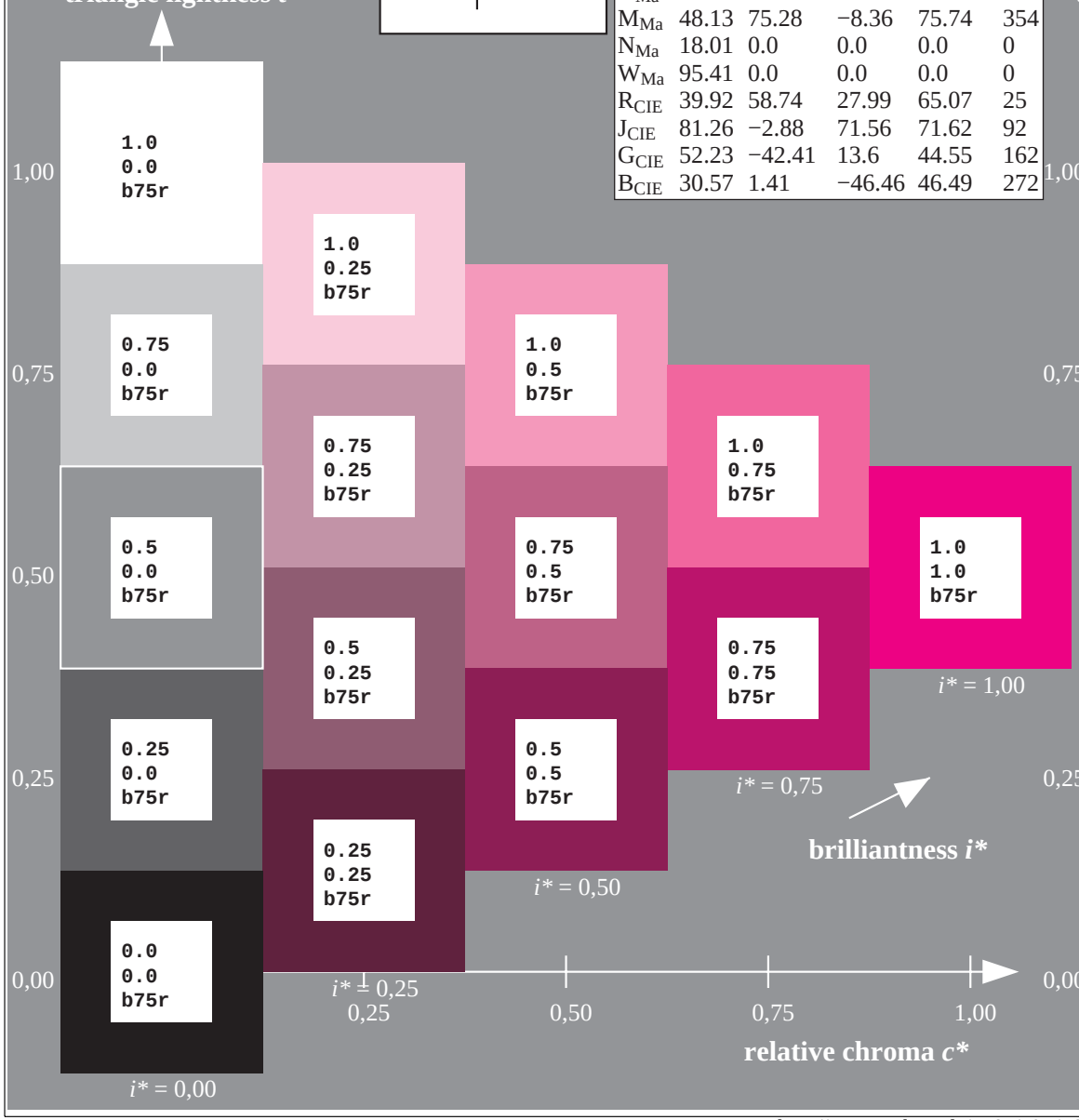


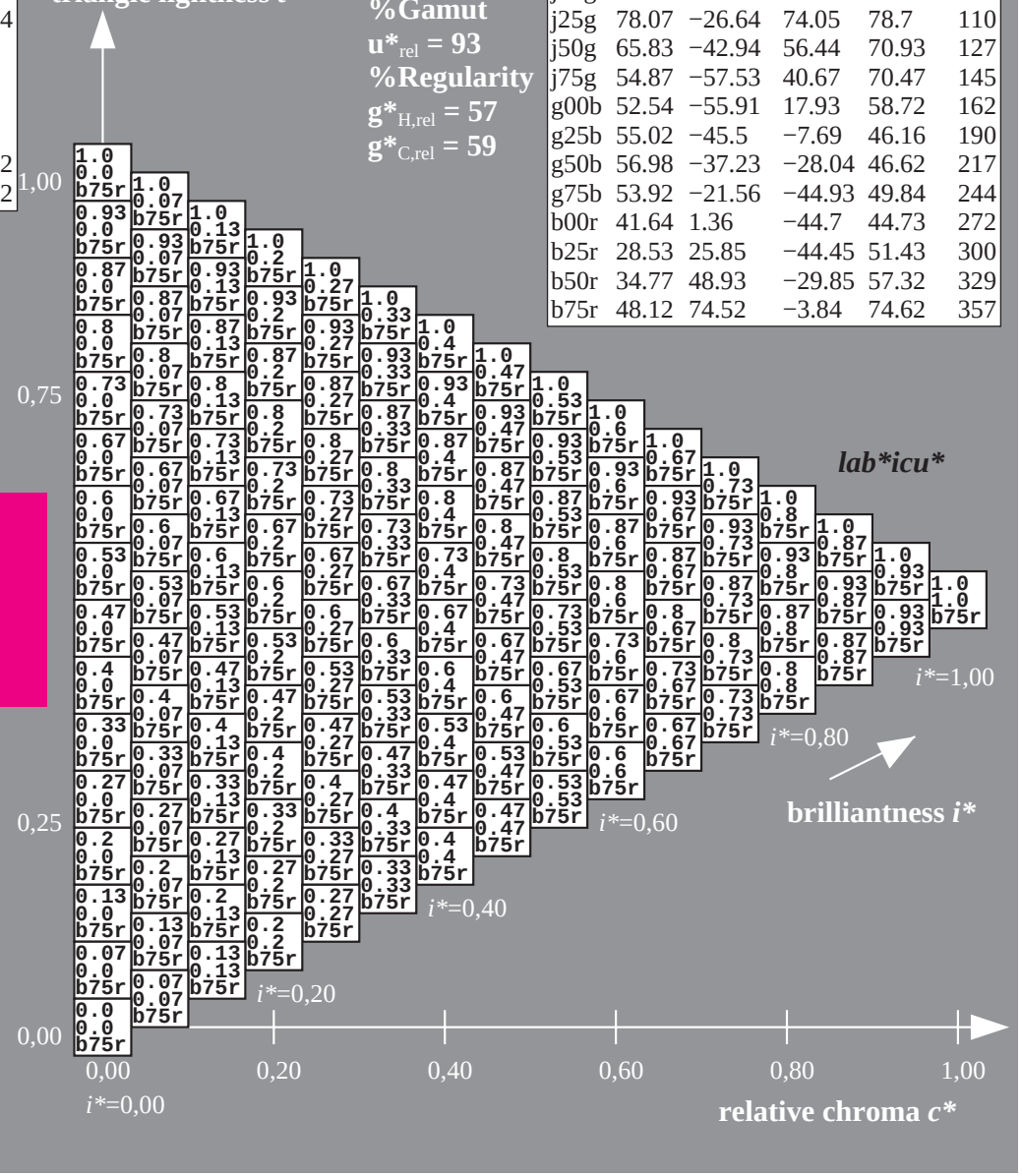
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	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 75 −3**
***LAB*LCH**$_{Ma}$: 48 75 357**
***lab*rgb**$_{Ma}$: 1.0 0.0 0.5**
***lab*olv**$_{Ma}$: 1.0 0.0 0.92**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



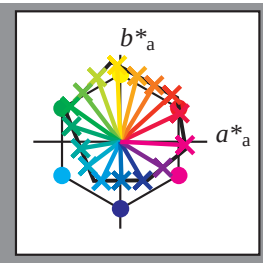


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	*lab*icu**		
01	0.0 0.0 g98b	0.13 0.12 j82g	0.25 0.25 j82g	0.38 0.37 j82g	0.5 0.5 j82g	0.63 0.62 j82g	0.75 0.75 j82g	0.88 0.87 j82g	1.0 1.0 j82g	0.13 0.12 r18j	0.13 0.12 j05g	0.25 0.25 j39g	0.38 0.37 j53g	0.5 0.5 j60g	0.63 0.62 j65g	0.75 0.75 j68g	0.88 0.87 j70g	1.0 1.0 j72g	0.25 0.25 r18j	0.25 0.25 r64j	0.25 0.25 j05g	0.38 0.37 j26g	0.5 0.5 j39g	0.63 0.62 j47g	0.75 0.75 j53g	0.88 0.87 j57g	1.0 1.0 j60g	1.0 0.0 g98b	1.0 0.12 r18j	1.0 0.25 r18j	1.0 0.37 r18j	1.0 0.5 r18j	1.0 0.62 r18j	1.0 0.75 r18j	1.0 0.87 r18j	1.0 1.0 r18j	0.0 0.0 g98b	0.0 0.0 g98b	0.0 0.0 g98b	0.0 0.0 g98b
02	0.13 0.12 b28r	0.13 0.12 g66b	0.25 0.25 g21b	0.38 0.37 g07b	0.5 0.5 g02b	0.63 0.62 j97g	0.75 0.75 j94g	0.88 0.87 j92g	1.0 1.0 j91g	0.13 0.12 b71r	0.13 0.0 g98b	0.25 0.13 j82g	0.38 0.25 j82g	0.5 0.38 j82g	0.63 0.5 j82g	0.75 0.63 j82g	0.88 0.75 j82g	1.0 0.87 j82g	0.25 0.25 b91r	0.25 0.13 r18j	0.25 0.13 j05g	0.38 0.25 j39g	0.5 0.38 j53g	0.63 0.5 j60g	0.75 0.63 j65g	0.88 0.75 j68g	1.0 0.87 j70g	1.0 0.12 g66b	0.88 0.0 g98b	0.88 0.13 r18j	0.88 0.25 r18j	0.88 0.38 r18j	0.88 0.5 r18j	0.88 0.63 r18j	0.88 0.75 r18j	0.88 0.87 r18j	0.13 0.0 g98b	0.13 0.0 g98b	0.13 0.0 g98b	0.13 0.0 g98b
03	0.25 0.25 b28r	0.25 0.25 g97b	0.25 0.25 g66b	0.38 0.37 g37b	0.5 0.5 g21b	0.63 0.62 g12b	0.75 0.75 g07b	0.88 0.87 g04b	1.0 1.0 g02b	0.25 0.25 b53r	0.25 0.13 b28r	0.25 0.13 g66b	0.38 0.25 g21b	0.5 0.38 g07b	0.63 0.5 g02b	0.75 0.63 j97g	0.88 0.75 j94g	1.0 0.87 j92g	0.25 0.25 b71r	0.25 0.13 b71r	0.25 0.0 g98b	0.38 0.13 j82g	0.5 0.25 j82g	0.63 0.38 j82g	0.75 0.5 j82g	0.88 0.63 j82g	1.0 0.75 j82g	1.0 0.25 g66b	0.88 0.13 g66b	0.75 0.0 g98b	0.75 0.13 r18j	0.75 0.25 r18j	0.75 0.38 r18j	0.75 0.5 r18j	0.75 0.63 r18j	0.75 0.75 r18j	0.25 0.0 g98b	0.25 0.0 g98b	0.25 0.0 g98b	0.25 0.0 g98b
04	0.38 0.37 b28r	0.38 0.37 b10r	0.38 0.37 g86b	0.38 0.37 g66b	0.5 0.5 g45b	0.63 0.62 g31b	0.75 0.75 g21b	0.88 0.87 g15b	1.0 1.0 g11b	0.38 0.37 b46r	0.38 0.25 b28r	0.38 0.25 g97b	0.38 0.25 g66b	0.5 0.38 g37b	0.63 0.5 g21b	0.75 0.63 g12b	0.88 0.75 g07b	1.0 0.87 g04b	0.38 0.37 b60r	0.38 0.25 b53r	0.38 0.13 b28r	0.38 0.13 g66b	0.5 0.25 g21b	0.63 0.38 g07b	0.75 0.5 g02b	0.88 0.63 j97g	1.0 0.75 j94g	1.0 0.37 g66b	0.88 0.25 g66b	0.75 0.13 g66b	0.63 0.0 g98b	0.63 0.13 r18j	0.63 0.25 r18j	0.63 0.38 r18j	0.63 0.5 r18j	0.63 0.62 r18j	0.38 0.0 g98b	0.38 0.0 g98b	0.38 0.0 g98b	0.38 0.0 g98b
05	0.5 0.5 b28r	0.5 0.5 b15r	0.5 0.5 g97b	0.5 0.5 g80b	0.5 0.5 g66b	0.63 0.62 g50b	0.75 0.75 g37b	0.88 0.87 g28b	1.0 1.0 g21b	0.5 0.5 b41r	0.5 0.38 b28r	0.5 0.38 b10r	0.5 0.38 g86b	0.5 0.38 g66b	0.63 0.5 g45b	0.75 0.63 g31b	0.88 0.75 g21b	1.0 0.87 g15b	0.5 0.5 b53r	0.5 0.38 b46r	0.5 0.25 b28r	0.5 0.25 g97b	0.5 0.25 g66b	0.63 0.38 g37b	0.75 0.5 g21b	0.88 0.63 g12b	1.0 0.75 g07b	1.0 0.5 g66b	0.88 0.38 g66b	0.75 0.25 g66b	0.63 0.13 g66b	0.5 0.0 g98b	0.5 0.13 r18j	0.5 0.25 r18j	0.5 0.38 r18j	0.5 0.5 r18j	0.5 0.0 g98b	0.5 0.0 g98b	0.5 0.0 g98b	0.5 0.0 g98b
06	0.63 0.62 b28r	0.63 0.62 b18r	0.63 0.62 b05r	0.63 0.62 g90b	0.63 0.62 g77b	0.63 0.62 g66b	0.75 0.75 g53b	0.88 0.87 g42b	1.0 1.0 g33b	0.63 0.62 b39r	0.63 0.5 b28r	0.63 0.5 b15r	0.63 0.5 g97b	0.63 0.5 g80b	0.63 0.5 g66b	0.75 0.63 g50b	0.88 0.75 g37b	1.0 0.87 g28b	0.63 0.62 b49r	0.63 0.5 b41r	0.63 0.38 b28r	0.63 0.38 b10r	0.63 0.38 g86b	0.63 0.38 g66b	0.75 0.5 g45b	0.88 0.63 g31b	1.0 0.75 g21b	1.0 0.62 g66b	0.88 0.5 g66b	0.75 0.38 g66b	0.63 0.25 g66b	0.5 0.13 g66b	0.38 0.0 g98b	0.38 0.13 r18j	0.38 0.25 r18j	0.38 0.37 r18j	0.63 0.0 g98b	0.63 0.0 g98b	0.63 0.0 g98b	0.63 0.0 g98b
07	0.75 0.75 b28r	0.75 0.75 b20r	0.75 0.75 b10r	0.75 0.75 g97b	0.75 0.75 g86b	0.75 0.75 g75b	0.75 0.75 g66b	0.88 0.87 g55b	1.0 1.0 g45b	0.75 0.75 b37r	0.75 0.63 b28r	0.75 0.63 b18r	0.75 0.63 b05r	0.75 0.63 g90b	0.75 0.63 g77b	0.75 0.63 g66b	0.88 0.75 g53b	1.0 0.87 g42b	0.75 0.75 b46r	0.75 0.63 b39r	0.75 0.5 b28r	0.75 0.5 b15r	0.75 0.5 g97b	0.75 0.5 g80b	0.75 0.5 g66b	0.88 0.63 g50b	1.0 0.75 g37b	1.0 0.75 g66b	0.88 0.63 g66b	0.75 0.5 g66b	0.63 0.38 g66b	0.5 0.25 g66b	0.38 0.13 g66b	0.25 0.0 g98b	0.25 0.13 r18j	0.25 0.25 r18j	0.75 0.0 g98b	0.75 0.0 g98b	0.75 0.0 g98b	0.75 0.0 g98b
08	0.88 0.87 b28r	0.88 0.87 b21r	0.88 0.87 b13r	0.88 0.87 b03r	0.88 0.87 g92b	0.88 0.87 g83b	0.88 0.87 g74b	0.88 0.87 g66b	1.0 1.0 g57b	0.88 0.87 b36r	0.88 0.75 b28r	0.88 0.75 b20r	0.88 0.75 b10r	0.88 0.75 g97b	0.88 0.75 g86b	0.88 0.75 g75b	0.88 0.75 g66b	1.0 0.87 g55b	0.88 0.87 b43r	0.88 0.75 b37r	0.88 0.63 b28r	0.88 0.63 b18r	0.88 0.63 b05r	0.88 0.63 g90b	0.88 0.63 g77b	0.88 0.63 g66b	1.0 0.75 g53b	1.0 0.87 g66b	0.88 0.75 g66b	0.75 0.63 g66b	0.63 0.5 g66b	0.5 0.38 g66b	0.38 0.25 g66b	0.25 0.13 g66b	0.13 0.0 g98b	0.13 0.12 r18j	0.88 0.0 g98b	0.88 0.0 g98b	0.88 0.0 g98b	0.88 0.0 g98b
09	1.0 1.0 b28r	1.0 1.0 b22r	1.0 1.0 b15r	1.0 1.0 b07r	1.0 1.0 g97b	1.0 1.0 g89b	1.0 1.0 g80b	1.0 1.0 g73b	1.0 1.0 g66b	1.0 1.0 b35r	1.0 0.87 b28r	1.0 0.87 b21r	1.0 0.87 b13r	1.0 0.87 b03r	1.0 0.87 g92b	1.0 0.87 g83b	1.0 0.87 g74b	1.0 0.87 g66b	1.0 1.0 b41r	1.0 0.87 b36r	1.0 0.75 b28r	1.0 0.75 b20r	1.0 0.75 b10r	1.0 0.75 g97b	1.0 0.75 g86b	1.0 0.75 g75b	1.0 0.75 g66b	1.0 1.0 g66b	0.88 0.87 g66b	0.75 0.75 g66b	0.63 0.62 g66b	0.5 0.5 g66b	0.38 0.37 g66b	0.25 0.25 g66b	0.13 0.12 g66b	0.0 0.0 g98b	1.0 0.0 g98b	1.0 0.0 g98b	1.0 0.0 g98b	1.0 0.0 g98b
10	0.38 0.37 r18j	0.38 0.37 r48j	0.38 0.37 r79j	0.38 0.37 j05g	0.5 0.5 j20g	0.63 0.62 j31g	0.75 0.75 j39g	0.88 0.87 j45g	1.0 1.0 j49g	0.5 0.5 r18j	0.5 0.5 r40j	0.5 0.5 r64j	0.5 0.5 r86j	0.5 0.5 j05g	0.63 0.62 j17g	0.75 0.75 j26g	0.88 0.87 j33g	1.0 1.0 j39g	0.63 0.62 r18j	0.63 0.62 r35j	0.63 0.62 r54j	0.63 0.62 r73j	0.63 0.62 r90j	0.63 0.62 j05g	0.75 0.75 j15g	0.88 0.87 j22g	1.0 1.0 j29g	1.0 0.0 g98b	1.0 0.12 j05g	1.0 0.25 j05g	1.0 0.37 j05g	1.0 0.5 j05g	1.0 0.62 j05g	1.0 0.75 j05g	1.0 0.87 j05g	1.0 1.0 j05g	0.0 0.0 g98b	0.0 0.0 g98b	0.0 0.0 g98b	0.0 0.0 g98b
11	0.38 0.37 b97r	0.38 0.25 r18j	0.38 0.25 r64j	0.38 0.25 j05g	0.5 0.38 j26g	0.63 0.5 j39g	0.75 0.63 j47g	0.88 0.75 j53g	1.0 0.87 j57g	0.5 0.5 r03j	0.5 0.38 r18j	0.5 0.38 r48j	0.5 0.38 r79j	0.5 0.38 j05g	0.63 0.5 j20g	0.75 0.63 j31g	0.88 0.75 j39g	1.0 0.87 j45g	0.63 0.62 r06j	0.63 0.5 r18j	0.63 0.5 r40j	0.63 0.5 r64j	0.63 0.5 r86j	0.63 0.5 j05g	0.75 0.63 j17g	0.88 0.75 j26g	1.0 0.87 j33g	1.0 0.12 b28r	0.88 0.0 g98b	0.88 0.13 j05g	0.88 0.25 j05g	0.88 0.38 j05g	0.88 0.5 j05g	0.88 0.63 j05g	0.88 0.75 j05g	0.88 0.87 j05g	0.07 0.0 g98b	0.07 0.0 g98b	0.07 0.0 g98b	0.07 0.0 g98b
12	0.38 0.37 b84r	0.38 0.25 b91r	0.38 0.13 r18j	0.38 0.13 j05g	0.5 0.25 j39g	0.63 0.38 j53g	0.75 0.5 j60g	0.88 0.63 j65g	1.0 0.75 j68g	0.5 0.5 b91r	0.5 0.38 b97r	0.5 0.25 r18j	0.5 0.25 r64j	0.5 0.25 j05g	0.63 0.38 j26g	0.75 0.5 j39g	0.88 0.63 j47g	1.0 0.75 j53g	0.63 0.62 b95r	0.63 0.5 r03j	0.63 0.38 r18j	0.63 0.38 r48j	0.63 0.38 r79j	0.63 0.38 j05g	0.75 0.5 j20g	0.88 0.63 j31g	1.0 0.75 j39g	1.0 0.25 b28r	0.88 0.13 b28r	0.75 0.0 g98b	0.75 0.13 j05g	0.75 0.25 j05g	0.75 0.38 j05g	0.75 0.5 j05g	0.75 0.63 j05g	0.75 0.75 j05g	0.13 0.0 g98b	0.13 0.0 g98b	0.13 0.0 g98b	0.13 0.0 g98b
13	0.38 0.37 b71r	0.38 0.25 b71r	0.38 0.13 b71r	0.38 0.0 g98b	0.5 0.13 j82g	0.63 0.25 j82g	0.75 0.38 j82g	0.88 0.5 j82g	1.0 0.62 j82g	0.5 0.5 b81r	0.5 0.38 b84r	0.5 0.25 b91r	0.5 0.13 r18j	0.5 0.13 j05g	0.63 0.25 j39g	0.75 0.38 j53g	0.88 0.5 j60g	1.0 0.62 j65g	0.63 0.62 b87r	0.63 0.5 b91r	0.63 0.38 b97r	0.63 0.25 r18j	0.63 0.25 r64j	0.63 0.25 j05g	0.75 0.38 j26g	0.88 0.5 j39g	1.0 0.62 j47g	1.0 0.37 b28r	0.88 0.25 b28r	0.75 0.13 b28r	0.63 0.0 g98b	0.63 0.13 j05g	0.63 0.25 j05g	0.63 0.38 j05g	0.63 0.5 j05g	0.63 0.62 j05g	0.2 0.0 g98b	0.2 0.0 g98b	0.2 0.0 g98b	0.2 0.0 g98b
14	0.5 0.5 b63r	0.5 0.38 b60r	0.5 0.25 b53r	0.5 0.13 b28r	0.5 0.13 g66b	0.63 0.25 g21b	0.75 0.38 g07b	0.88 0.5 g02b	1.0 0.62 j97g	0.5 0.5 b71r	0.5 0.38 b71r	0.5 0.25 b71r	0.5 0.13 b71r	0.5 0.0 g98b	0.63 0.13 j82g	0.75 0.25 j82g	0.88 0.38 j82g	1.0 0.5 j82g	0.63 0.62 b79r	0.63 0.5 b81r	0.63 0.38 b84r	0.63 0.25 b91r	0.63 0.13 r18j	0.63 0.13 j05g	0.75 0.25 j39g	0.88 0.38 j53g	1.0 0.5 j60g	1.0 0.5 b28r	0.88 0.38 b28r	0.75 0.25 b28r	0.63 0.13 b28r	0.5 0.0 g98b	0.5 0.13 j05g	0.5 0.25 j05g	0.5 0.38 j05g	0.5 0.5 j05g	0.27 0.0 g98b	0.27 0.0 g98b	0.27 0.0 g98b	0.27 0.0 g98b
15	0.63 0.62 b58r	0.63 0.5 b53r	0.63 0.38 b46r	0.63 0.25 b28r	0.63 0.25 g97b	0.63 0.25 g66b	0.75 0.38 g37b	0.88 0.5 g21b	1.0 0.62 g12b	0.63 0.62 b65r	0.63 0.5 b63r	0.63 0.38 b60r	0.63 0.25 b53r	0.63 0.13 b28r	0.63 0.13 g66b	0.75 0.25 g21b	0.88 0.38 g07b	1.0 0.5 g02b	0.63 0.62 b71r	0.63 0.5 b71r	0.63 0.38 b71r	0.63 0.25 b71r	0.63 0.13 b71r	0.63 0.0 g98b	0.75 0.13 j82g	0.88 0.25 j82g	1.0 0.37 j82g	1.0 0.62 b28r	0.88 0.5 b28r	0.75 0.38 b28r	0.63 0.25 b28r	0.5 0.13 b28r	0.38 0.0 g98b	0.38 0.13 j05g	0.38 0.25 j05g	0.38 0.37 j05g	0.33 0.0 g98b	0.33 0.0 g98b	0.33 0.0 g98b	0.33 0.0 g98b
16	0.75 0.75 b53r	0.75 0.63 b49r	0.75 0.5 b41r	0.75 0.38 b28r	0.75 0.38 b10r	0.75 0.38 g86b	0.75 0.38 g66b	0.88 0.5 g45b	1.0 0.62 g31b	0.75 0.75 b60r	0.75 0.63 b58r	0.75 0.5 b53r	0.75 0.38 b46r	0.75 0.25 b28r	0.75 0.25 g97b	0.75 0.25 g66b	0.88 0.38 g37b	1.0 0.5 g21b	0.75 0.75 b66r	0.75 0.63 b65r	0.75 0.5 b63r	0.75 0.38 b60r	0.75 0.25 b53r	0.75 0.13 b28r	0.75 0.13 g66b	0.88 0.25 g21b	1.0 0.37 g07b	1.0 0.75 b28r	0.88 0.63 b28r	0.75 0.5 b28r	0.63 0.38 b28r	0.5 0.25 b28r	0.38 0.13 b28r	0.25 0.0 g98b	0.25 0.13 j05g	0.25 0.25 j05g	0.4 0.0 g98b	0.4 0.0 g98b	0.4 0.0 g98b	0.4 0.0 g98b
17	0.88 0.87 b50r	0.88 0.75 b46r	0.88 0.63 b39r	0.88 0.5 b28r	0.88 0.5 b15r	0.88 0.5 g97b	0.88 0.5 g80b	0.88 0.5 g66b	1.0 0.62 g50b	0.88 0.87 b56r	0.88 0.75 b53r	0.88 0.63 b49r	0.88 0.5 b41r	0.88 0.38 b28r	0.88 0.38 b10r	0.88 0.38 g86b	0.88 0.38 g66b	1.0 0.5 g45b	0.88 0.87 b62r	0.88 0.75 b60r	0.88 0.63 b58r	0.88 0.5 b53r	0.88 0.38 b46r	0.88 0.25 b28r	0.88 0.25 g97b	0.88 0.25 g66b	1.0 0.37 g37b	1.0 0.87 b28r	0.88 0.75 b28r	0.75 0.63 b28r	0.63 0.5 b28r	0.5 0.38 b28r	0.38 0.25 b28r	0.25 0.13 b28r	0.13 0.0 g98b	0.13 0.12 j05g	0.47 0.0 g98b	0.47 0.0 g98b	0.47 0.0 g98b	0.47 0.0 g98b
18	1.0 1.0 b48r	1.0 0.87 b43r	1.0 0.75 b37r	1.0 0.62 b28r	1.0 0.62 b18r	1.0 0.62 b05r	1.0 0.62 g90b	1.0 0.62 g77b	1.0 0.62 g66b	1.0 1.0 b53r	1.0 0.87 b50r	1.0 0.75 b46r	1.0 0.62 b39r	1.0 0.5 b28r	1.0 0.5 b15r	1.0 0.5 g97b	1.0 0.5 g80b	1.0 0.5 g66b	1.0 1.0 b59r	1.0 0.87 b56r	1.0 0.75 b53r	1.0 0.62 b49r	1.0 0.5 b41r	1.0 0.37 b28r	1.0 0.37 b10r	1.0 0.37 g86b	1.0 0.37 g66b	1.0 1.0 b28r	0.88 0.87 b28r	0.75 0.75 b28r	0.63 0.62 b28r	0.5 0.5 b28r	0.38 0.37 b28r	0.25 0.25 b28r	0.13 0.12 b28r	0.0 0.0 g98b	0.53 0.0 g98b	0.53 0.0 g98b	0.53 0.0 g98b	0.53 0.0 g98b
19	0.75 0.75 r18j	0.75 0.75 r32j	0.75 0.75 r48j	0.75 0.75 r64j	0.75 0.75 r79j	0.75 0.75 r93j	0.75 0.75 j05g	0.88 0.87 j13g	1.0 1.0 j20g	0.88 0.87 r18j	0.88 0.87 r30j	0.88 0.87 r43j	0.88 0.87 r57j	0.88 0.87 r70j	0.88 0.87 r83j	0.88 0.87 r95j	0.88 0.87 j05g	1.0 1.0 j12g	1.0 1.0 r18j	1.0 1.0 r28j	1.0 1.0 r40j	1.0 1.0 r52j	1.0 1.0 r64j	1.0 1.0 r75j	1.0 1.0 r86j	1.0 1.0 r96j	1.0 1.0 j05g	1.0 0.0 g98b	1.0 0.12 j82g	1.0 0.25 j82g	1.0 0.37 j82g	1.0 0.5 j82g	1.0 0.62 j82g	1.0 0.75 j82g	1.0 0.87 j82g	1.0 1.0 j82g	0.6 0.0 g98b	0.6 0.0 g98b	0.6 0.0 g98b	0.6 0.0 g98b
20	0.75 0.75 r08j	0.75 0.63 r18j	0.75 0.63 r35j	0.75 0.63 r54j	0.75 0.63 r73j	0.75 0.63 r90j	0.75 0.63 j05g	0.88 0.75 j15g	1.0 0.87 j22g	0.88 0.87 r09j	0.88 0.75 r18j	0.88 0.75 r32j	0.88 0.75 r48j	0.88 0.75 r64j	0.88 0.75 r79j	0.88 0.75 r93j	0.88 0.75 j05g	1.0 0.87 j13g	1.0 1.0 r11j	1.0 0.87 r18j	1.0 0.87 r30j	1.0 0.87 r43j	1.0 0.87 r57j	1.0 0.87 r70j	1.0 0.87 r83j	1.0 0.87 r95j	1.0 0.87 j05g	1.0 0.12 b71r	0.88 0.0 g98b	0.88 0.13 j82g	0.88 0.25 j82g	0.88 0.38 j82g	0.88 0.5 j82g	0.88 0.63 j82g	0.88 0.75 j82g	0.88 0.87 j82g	0.67 0.0 g98b	0.67 0.0 g98b	0.67 0.0 g98b	0.67 0.0 g98b
21	0.75 0.75 b97r	0.75 0.63 r06j	0.75 0.5 r18j	0.75 0.5 r40j	0.75 0.5 r64j	0.75 0.5 r86j	0.75 0.5 j05g	0.88 0.63 j17g	1.0 0.75 j26g	0.88 0.87 r01j	0.88 0.75 r08j	0.88 0.63 r18j	0.88 0.63 r35j	0.88 0.63 r54j	0.88 0.63 r73j	0.88 0.63 r90j	0.88 0.63 j05g	1.0 0.75 j15g	1.0 1.0 r03j	1.0 0.87 r09j	1.0 0.75 r18j	1.0 0.75 r32j	1.0 0.75 r48j	1.0 0.75 r64j	1.0 0.75 r79j	1.0 0.75 r93j	1.0 0.75 j05g	1.0 0.25 b71r	0.88 0.13 b71r	0.75 0.0 g98b	0.75 0.13 j82g	0.75 0.25 j82g	0.75 0.38 j82g	0.75 0.5 j82g	0.75 0.63 j82g	0.75 0.75 j82g	0.73 0.0 g98b	0.73 0.0 g98b	0.73 0.0 g98b	0.73 0.0 g98b
22	0.75 0.75 b91r	0.75 0.63 b95r	0.75 0.5 r03j	0.75 0.38 r18j	0.75 0.38 r48j	0.75 0.38 r79j	0.75 0.38 j05g	0.88 0.5 j20g	1.0 0.62 j31g	0.88 0.87 b94r	0.88 0.75 b97r	0.88 0.63 r06j	0.88 0.5 r18j	0.88 0.5 r40j	0.88 0.5 r64j	0.88 0.5 r86j	0.88 0.5 j05g	1.0 0.62 j17g	1.0 1.0 b96r	1.0 0.87 r01j	1.0 0.75 r08j	1.0 0.62 r18j	1.0 0.62 r35j	1.0 0.62 r54j	1.0 0.62 r73j	1.0 0.62 r90j	1.0 0.62 j05g	1.0 0.37 b71r	0.88 0.25 b71r	0.75 0.13 b71r	0.63 0.0 g98b	0.63 0.13 j82g	0.63 0.25 j82g	0.63 0.38 j82g	0.63 0.5 j82g	0.63 0.62 j82g	0.8 0.0 g98b	0.8 0.0 g98b	0.8 0.0 g98b	0.8 0.0 g98b
23	0.75 0.75 b84r	0.75 0.63 b87r	0.75 0.5 b91r	0.75 0.38 b97r	0.75 0.25 r18j	0.75 0.25 r64j	0.75 0.25 j05g	0.88 0.38 j26g	1.0 0.5 j39g	0.88 0.87 b88r	0.88 0.75 b91r	0.88 0.63 b95r	0.88 0.5 r03j	0.88 0.38 r18j	0.88 0.38 r48j	0.88 0.38 r79j	0.88 0.38 j05g	1.0 0.5 j20g	1.0 1.0 b91r	1.0 0.87 b94r	1.0 0.75 b97r	1.0 0.62 r06j	1.0 0.5 r18j	1.0 0.5 r40j	1.0 0.5 r64j	1.0 0.5 r86j	1.0 0.5 j05g	1.0 0.5 b71r	0.88 0.38 b71r	0.75 0.25 b71r	0.63 0.13 b71r	0.5 0.0 g98b	0.5 0.13 j82g	0.5 0.25 j82g	0.5 0.38 j82g	0.5 0.5 j82g	0.87 0.0 g98b	0.87 0.0 g98b	0.87 0.0 g98b	0.87 0.0 g98b
24	0.75 0.75 b77r	0.75 0.63 b79r	0.75 0.5 b81r	0.75 0.38 b84r	0.75 0.25 b91r	0.75 0.13 r18j	0.75 0.13 j05g	0.88 0.25 j39g	1.0 0.37 j53g	0.88 0.87 b82r	0.88 0.75 b84r	0.88 0.63 b87r	0.88 0.5 b91r	0.88 0.38 b97r	0.88 0.25 r18j	0.88 0.25 r64j	0.88 0.25 j05g	1.0 0.37 j26g	1.0 1.0 b86r	1.0 0.87 b88r	1.0 0.75 b91r	1.0 0.62 b95r	1.0 0.5 r03j	1.0 0.37 r18j	1.0 0.37 r48j	1.0 0.37 r79j	1.0 0.37 j05g	1.0 0.62 b71r	0.88 0.5 b71r	0.75 0.38 b71r	0.63 0.25 b71r	0.5 0.13 b71r	0.38 0.0 g98b	0.38 0.13 j82g	0.38 0.25 j82g	0.38 0.37 j82g	0.93 0.0 g98b	0.93 0.0 g98b	0.93 0.0 g98b	0.93 0.0 g98b
25	0.75 0.75 b71r	0.75 0.63 b71r	0.75 0.5 b71r	0.75 0.38 b71r	0.75 0.25 b71r	0.75 0.13 b71r	0.75 0.0 g98b	0.88 0.13 j82g	1.0 0.25 j82g	0.88 0.87 b76r	0.88 0.75 b77r	0.88 0.63 b79r	0.88 0.5 b81r	0.88 0.38 b84r	0.88 0.25 b91r	0.88 0.13 r18j	0.88 0.13 j05g	1.0 0.25 j39g	1.0 1.0 b81r	1.0 0.87 b82r	1.0 0.75 b84r	1.0 0.62 b87r	1.0 0.5 b91r	1.0 0.37 b97r	1.0 0.25 r18j	1.0 0.25 r64j	1.0 0.25 j05g	1.0 0.75 b71r	0.88 0.63 b71r	0.75 0.5 b71r	0.63 0.38 b71r	0.5 0.25 b71r	0.38 0.13 b71r	0.25 0.0 g98b	0.25 0.13 j82g	0.25 0.25 j82g	1.0 0.0 g98b	1.0 0.0 g98b	1.0 0.0 g98b	1.0 0.0 g98b
26	0.88 0.87 b67r	0.88 0.75 b66r	0.88 0.63 b65r	0.88 0.5 b63r	0.88 0.38 b60r	0.88 0.25 b53r	0.88 0.13 b28r	0.88 0.13 g66b	1.0 0.25 g21b	0.88 0.87 b71r	0.88 0.75 b71r	0.88 0.63 b71r	0.88 0.5 b71r	0.88 0.38 b71r	0.88 0.25 b71r	0.88 0.13 b71r	0.88 0.0 g98b	1.0 0.12 j82g	1.0 1.0 b76r	1.0 0.87 b76r	1.0 0.75 b77r	1.0 0.62 b79r	1.0 0.5 b81r	1.0 0.37 b84r	1.0 0.25 b91r	1.0 0.12 r18j	1.0 0.12 j05g	1.0 0.87 b71r	0.88 0.75 b71r	0.75 0.63 b71r	0.63 0.5 b71r	0.5 0.38 b71r	0.38 0.25 b71r	0.25 0.13 b71r	0.13 0.0 g98b	0.13 0.12 j82g	0.0 0.0 g98b	1.0 1.0 r18j	1.0 1.0 j05g	1.0 1.0 j82g
27	1.0 1.0 b63r	1.0 0.87 b62r	1.0 0.75 b60r	1.0 0.62 b58r	1.0 0.5 b53r	1.0 0.37 b46r	1.0 0.25 b28r	1.0 0.25 g97b	1.0 0.25 g66b	1.0 1.0 b67r	1.0 0.87 b67r	1.0 0.75 b66r	1.0 0.62 b65r	1.0 0.5 b63r	1.0 0.37 b60r	1.0 0.25 b53r	1.0 0.12 b28r	1.0 0.12 g66b	1.0 1.0 b71r	1.0 0.87 b71r	1.0 0.75 b71r	1.0 0.62 b71r	1.0 0.5 b71r	1.0 0.37 b71r	1.0 0.25 b71r	1.0 0.12 b71r	1.0 0.0 g98b	1.0 1.0 b71r	0.88 0.87 b71r	0.75 0.75 b71r	0.63 0.62 b71r	0.5 0.5 b71r	0.38 0.37 b71r	0.25 0.25 b71r	0.13 0.12 b71r	0.0 0.0 g98b	1.0 0.0 g98b	1.0 1.0 g66b	1.0 1.0 b28r	1.0 1.0 b71r

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* **= 16 hues** ***r00j, r25j, ..., b75r***
contrast reduction factor:
$c_R = 1.0$

ORS18_95aM; adapted (a) CIELAB data

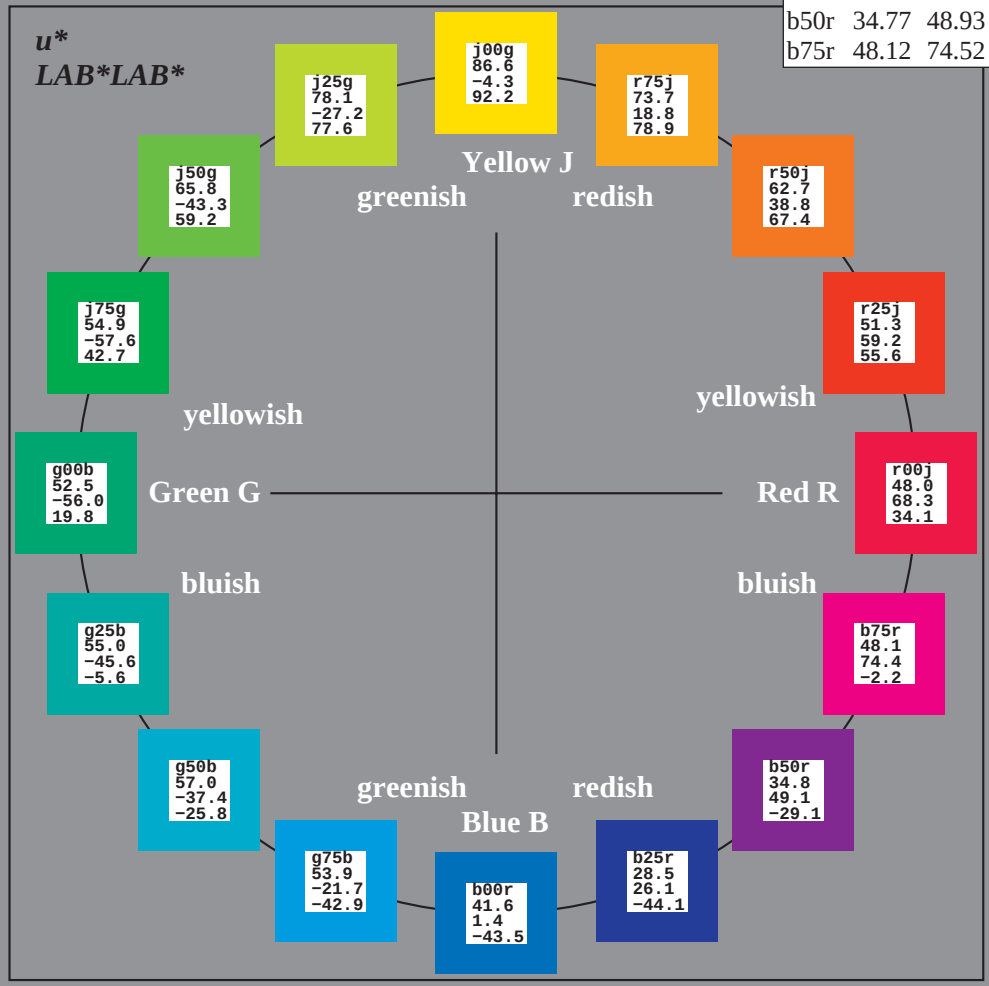
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

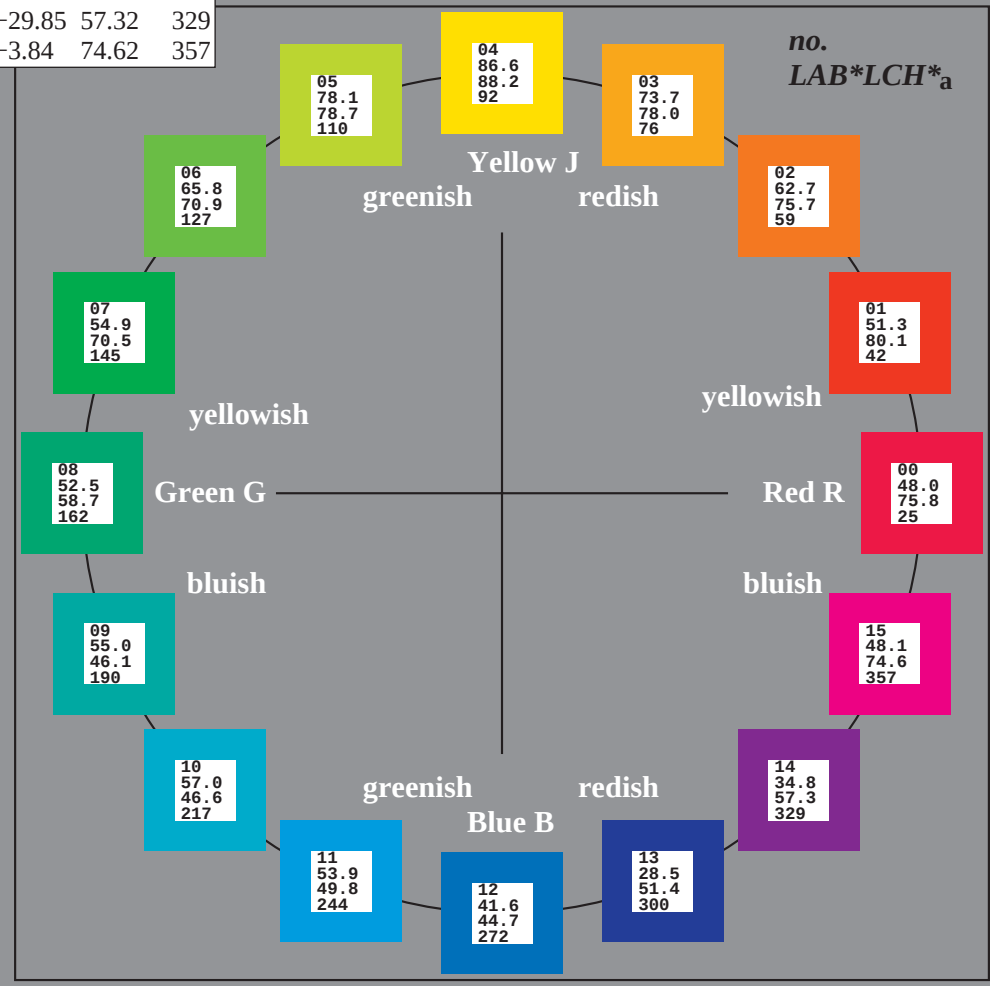


%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

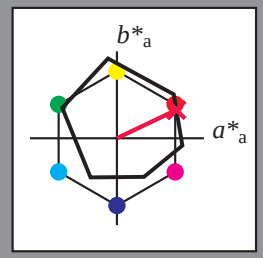




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r00j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 68 33

$LAB^*LCH^*_{Ma}$: 48 76 25

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

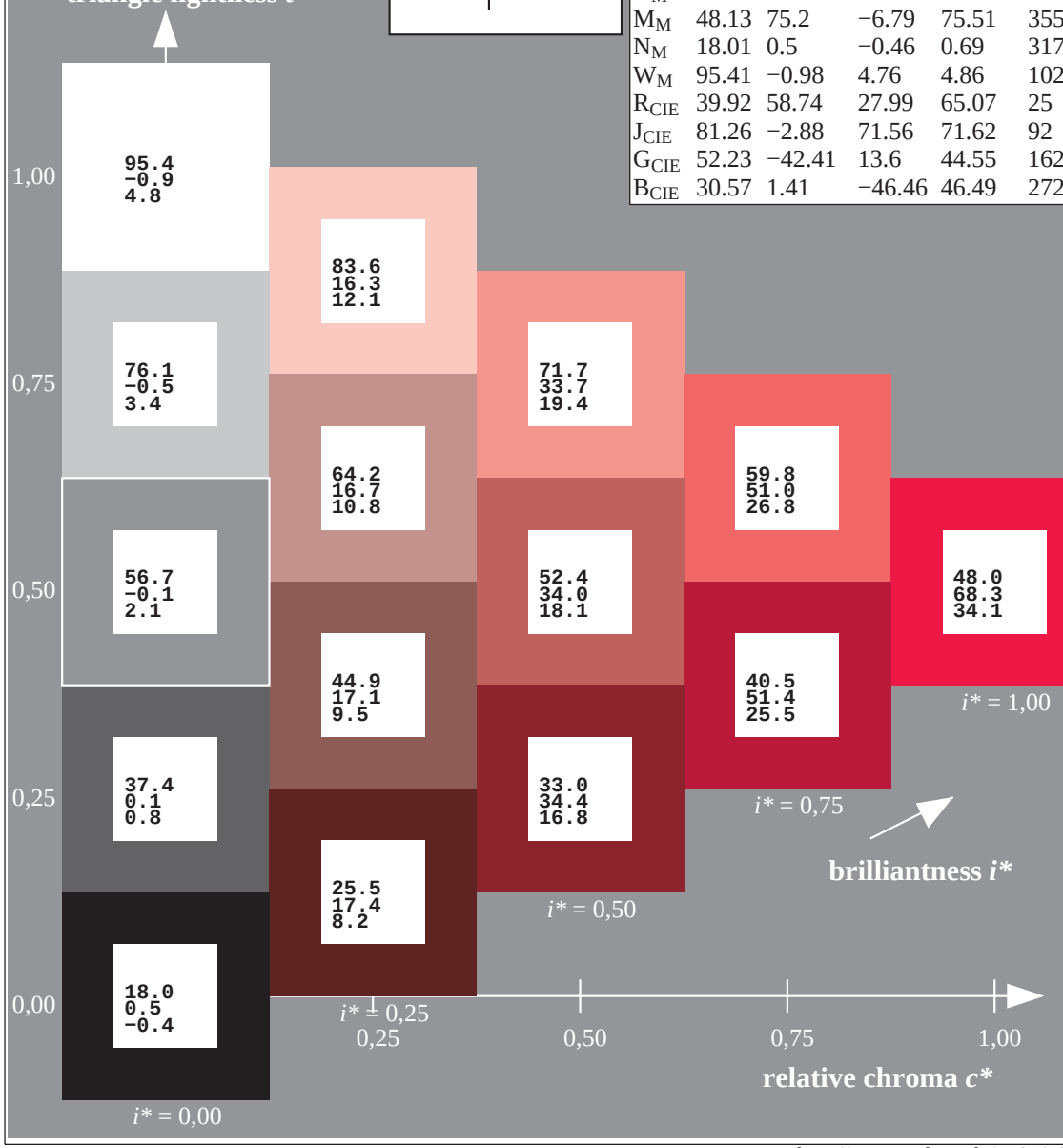
$lab^*olv^*_{Ma}$: 1.0 0.0 0.3

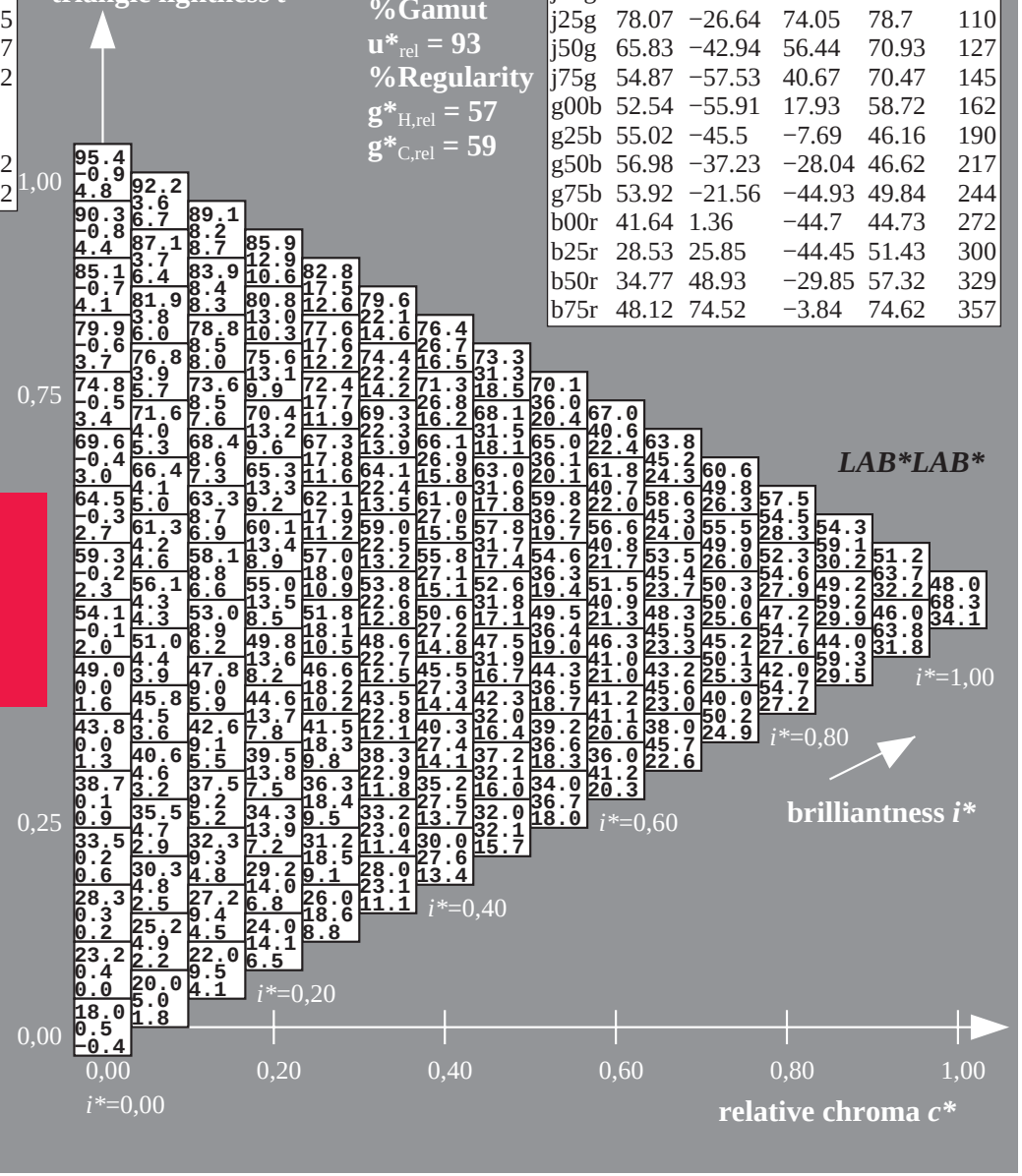
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

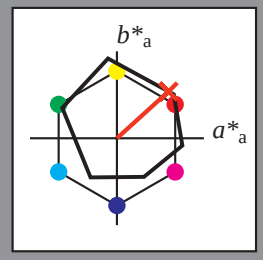




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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):

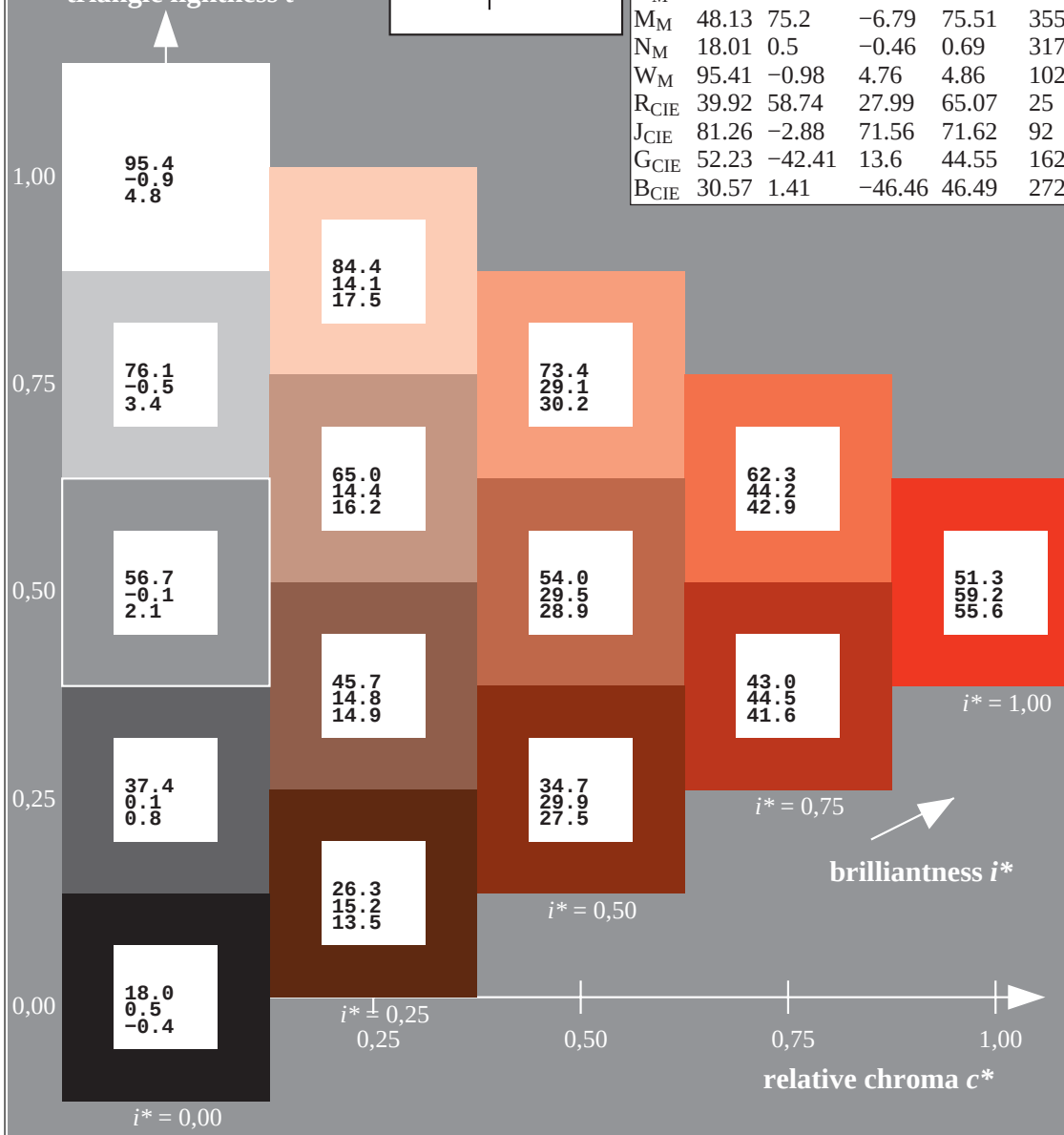
***$LAB^*LAB^*_{Ma}$*: 51 59 54**
***$LAB^*LCH^*_{Ma}$*: 51 80 42**
***$lab^*rgb^*_{Ma}$*: 1.0 0.25 0.0**
***$lab^*olv^*_{Ma}$*: 1.0 0.08 0.0**

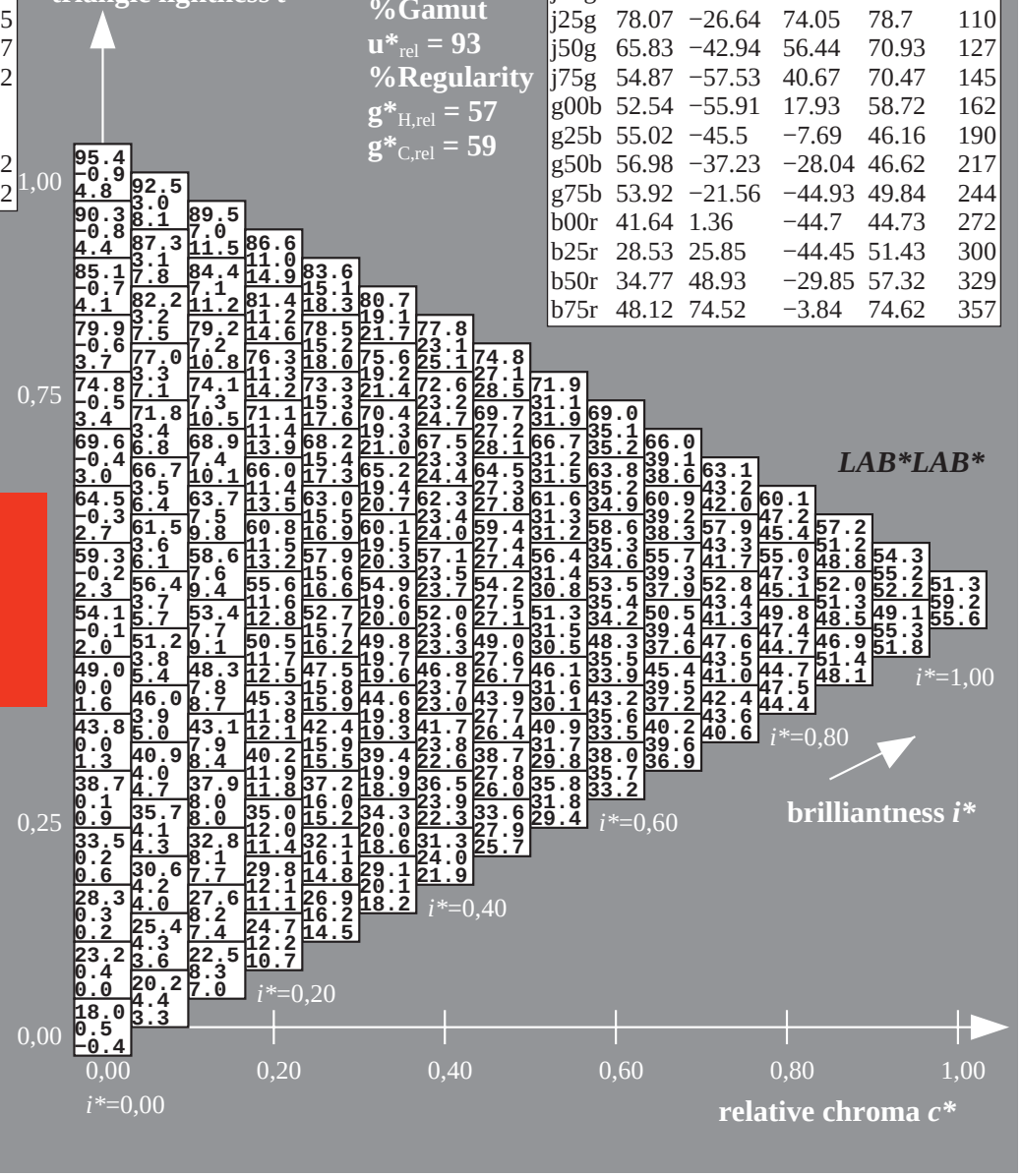
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

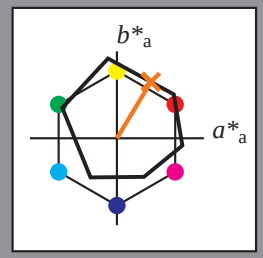




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

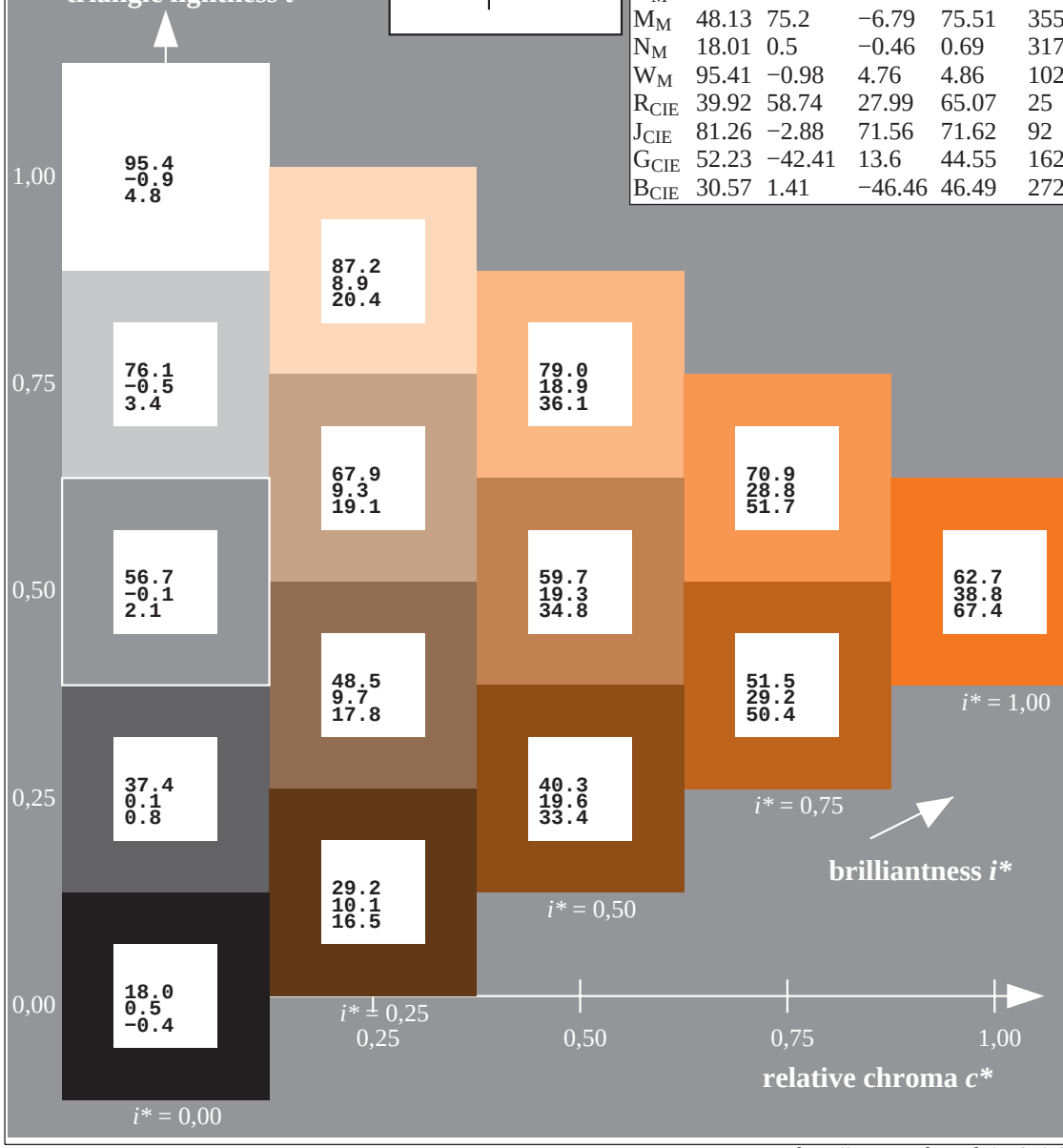
Data for maximum colour (Ma):

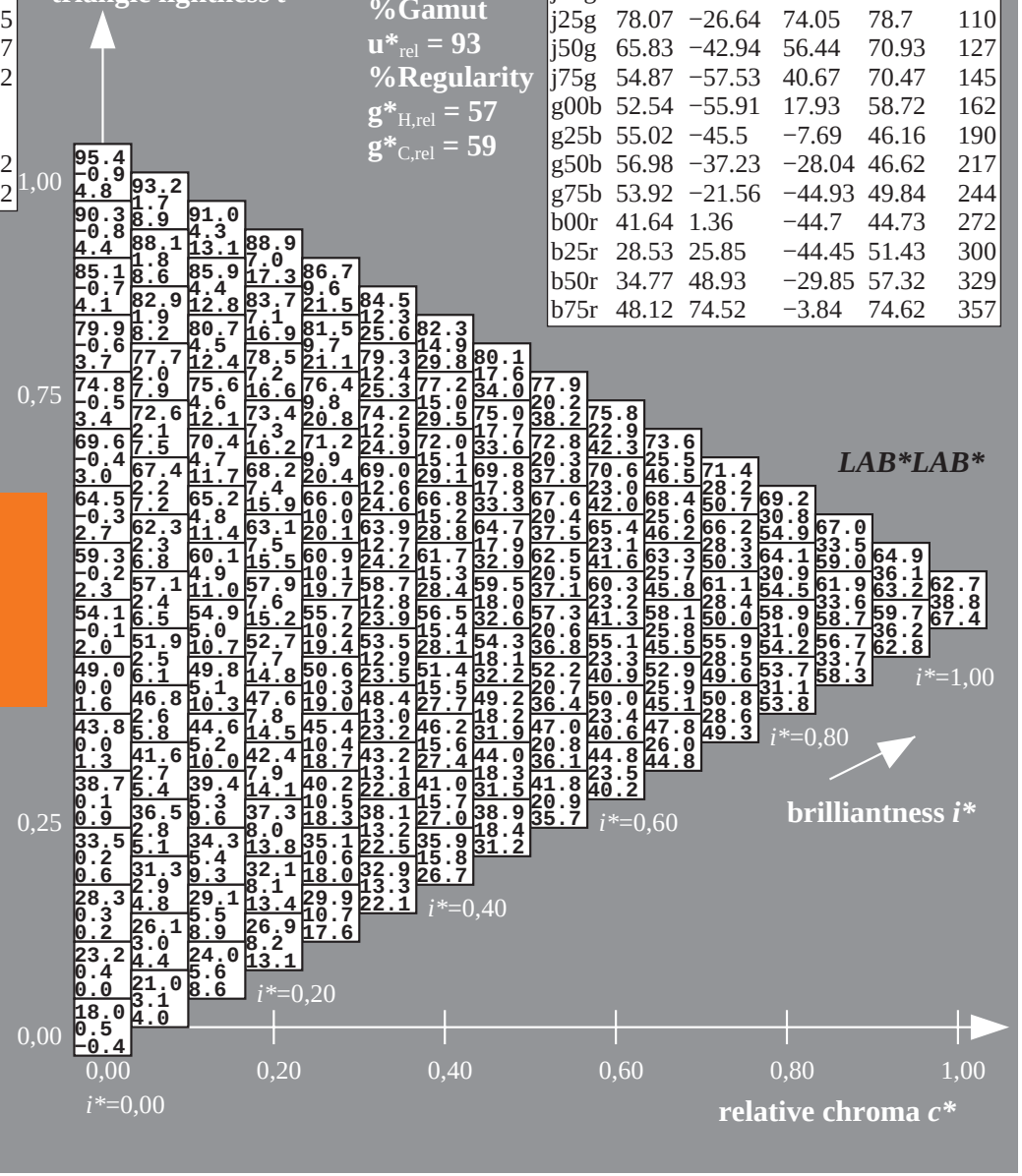
***$LAB^*LAB^*_{Ma}$*: 63 39 65**
***$LAB^*LCH^*_{Ma}$*: 63 76 59**
***$lab^*rgb^*_{Ma}$*: 1.0 0.5 0.0**
***$lab^*olv^*_{Ma}$*: 1.0 0.35 0.0**

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

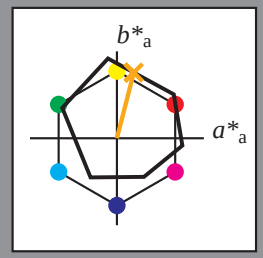




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

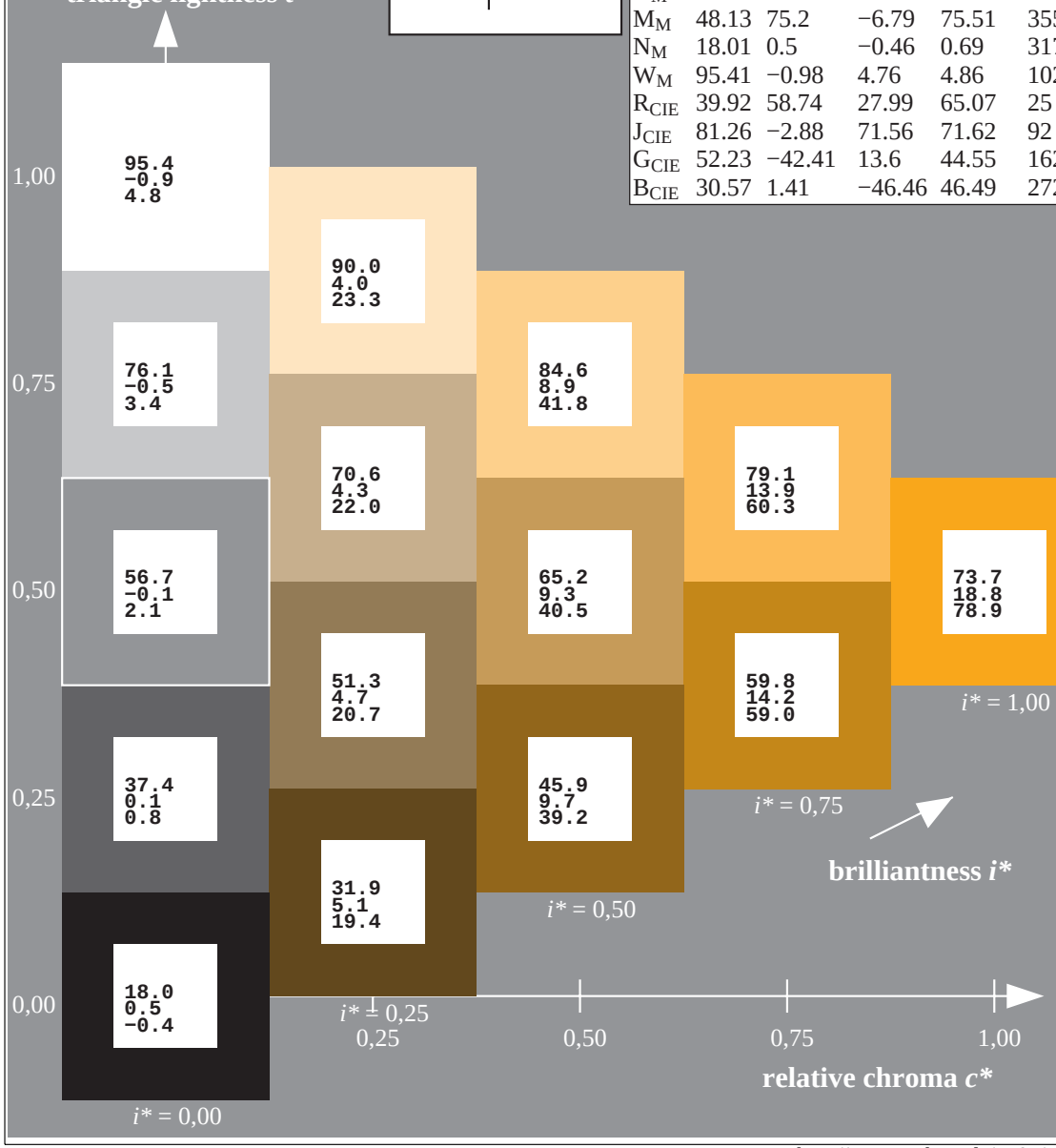
Data for maximum colour (Ma):

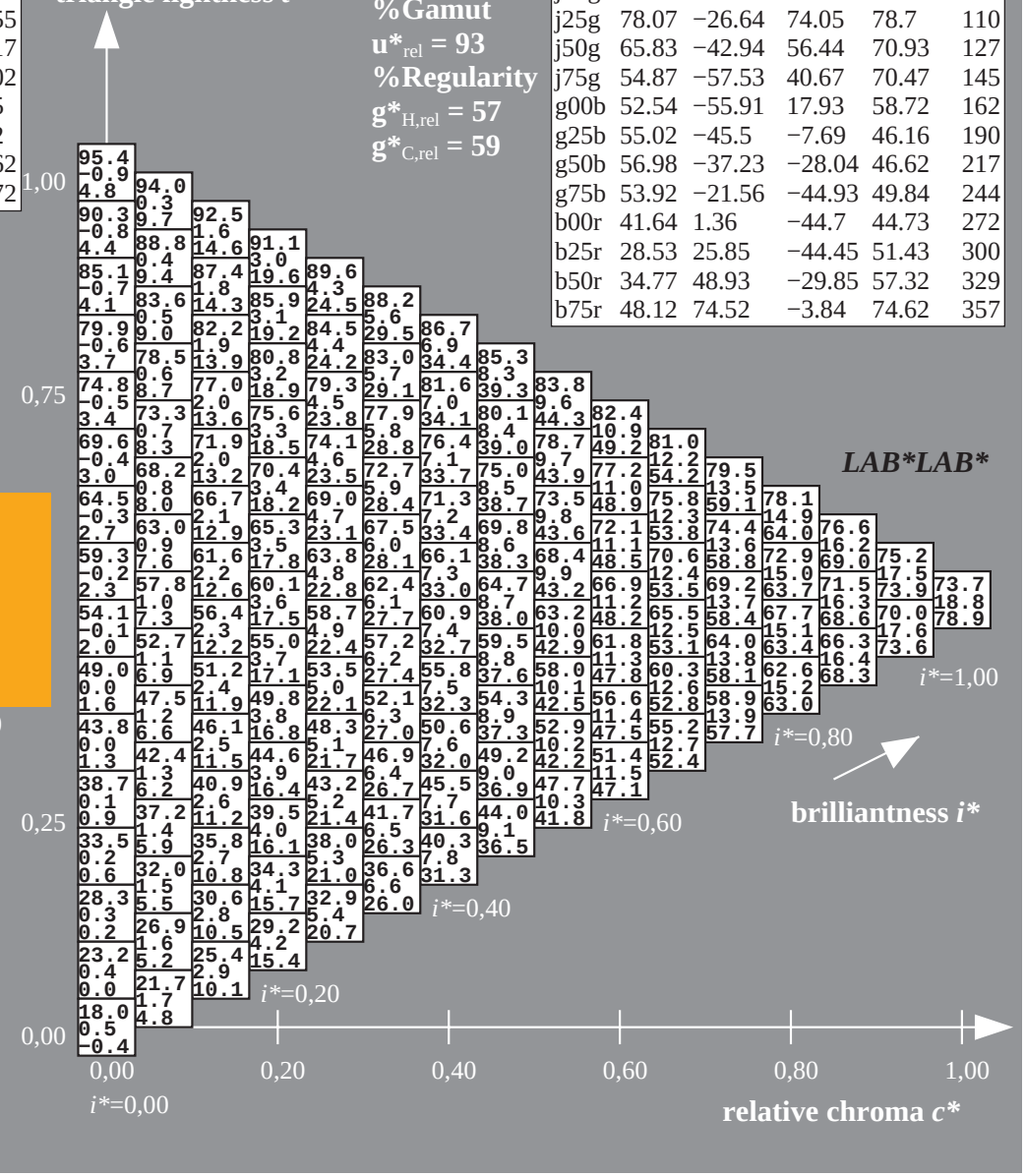
***$LAB^*LAB^*_{Ma}$*: 74 19 76**
***$LAB^*LCH^*_{Ma}$*: 74 78 76**
***$lab^*rgb^*_{Ma}$*: 1.0 0.75 0.0**
***$lab^*olv^*_{Ma}$*: 1.0 0.61 0.0**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

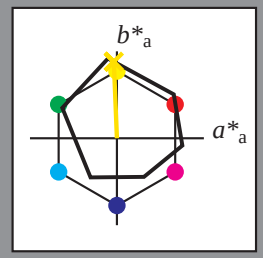




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

u* = j00g
LAB*LAB*

data for any colour:
lab*tch **and** ***lab*icu****
elementary hue text:
u* = j00g
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

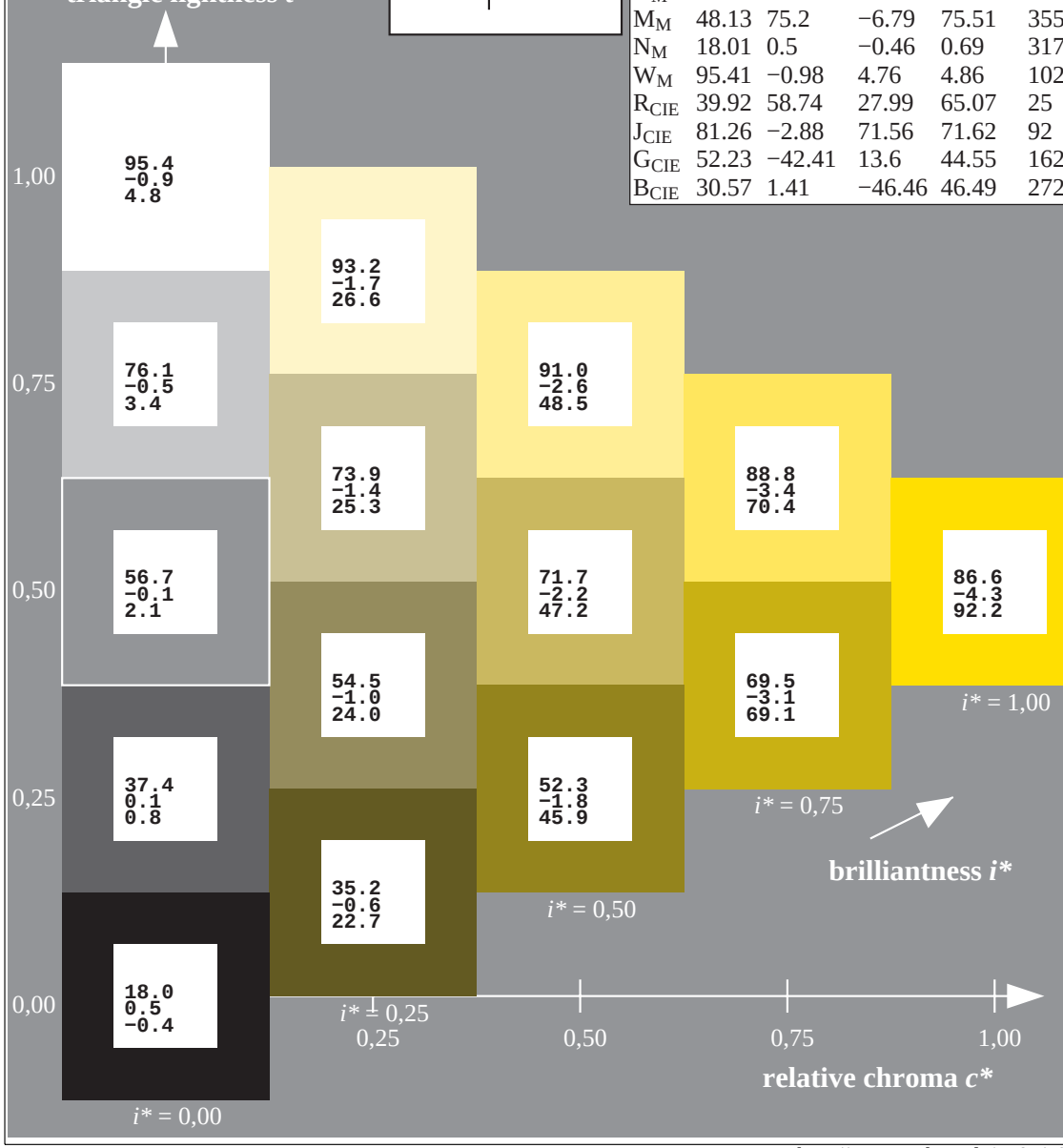
Data for maximum colour (Ma):

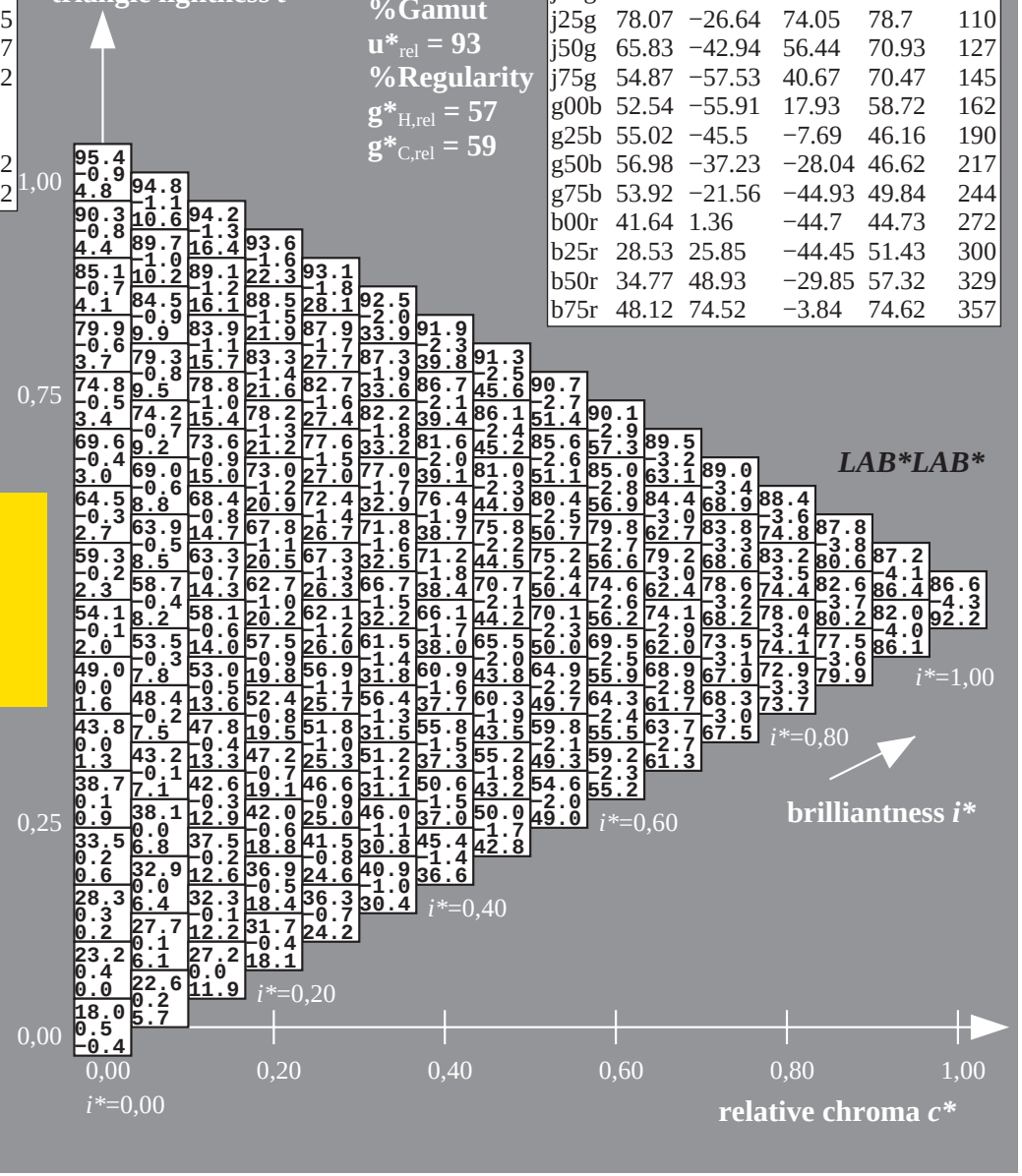
LAB*LAB*$_{Ma}$: 87 −3 88
LAB*LCH*$_{Ma}$: 87 88 92
lab*rgb*$_{Ma}$: 1.0 1.0 0.0
lab*olv*$_{Ma}$: 1.0 0.91 0.0

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

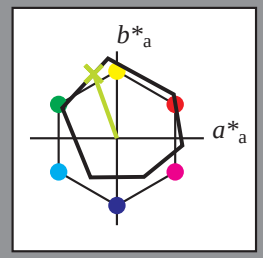




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

$u^* = j25g$
LAB^*LAB^*

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

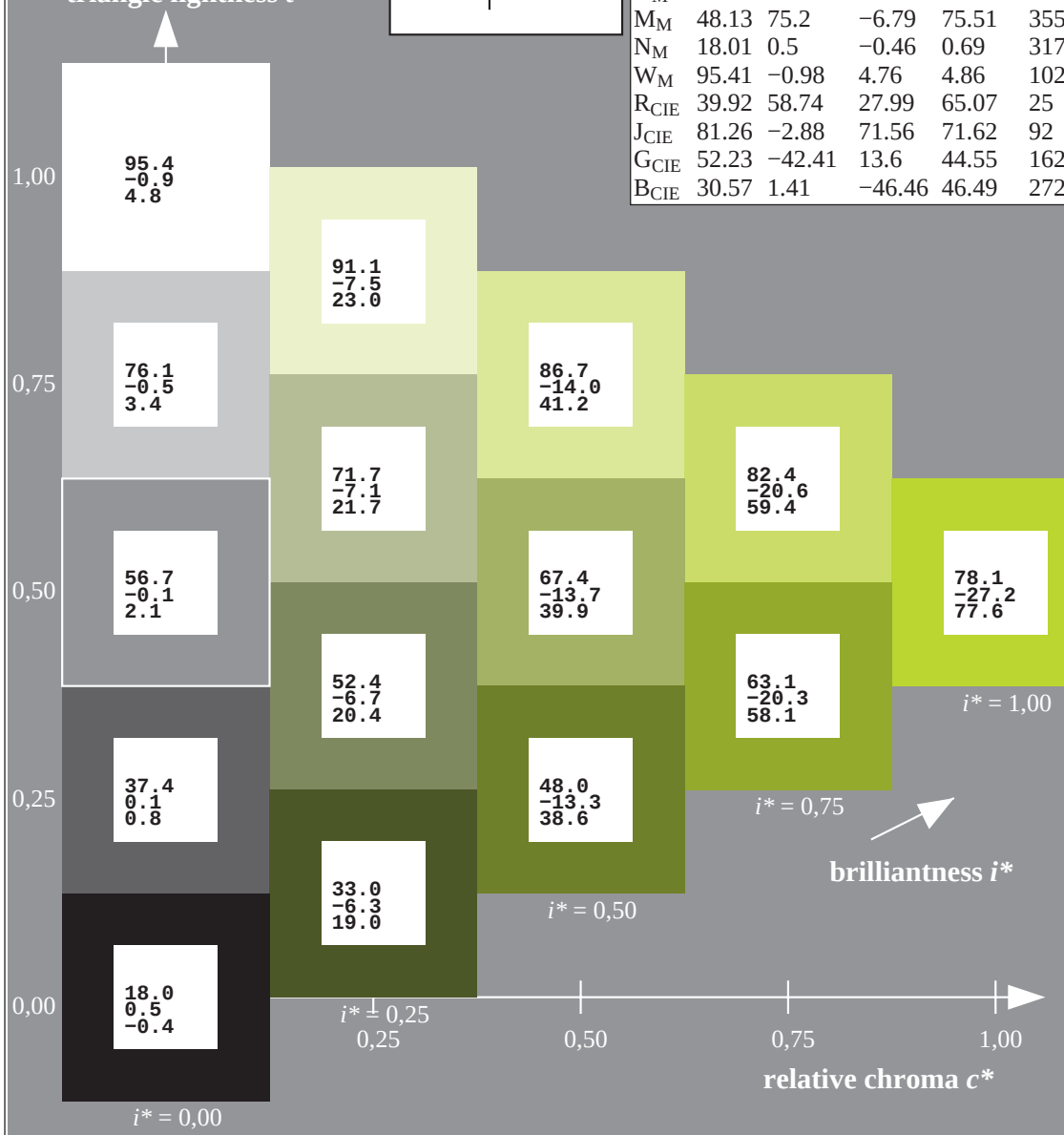
Data for maximum colour (Ma):

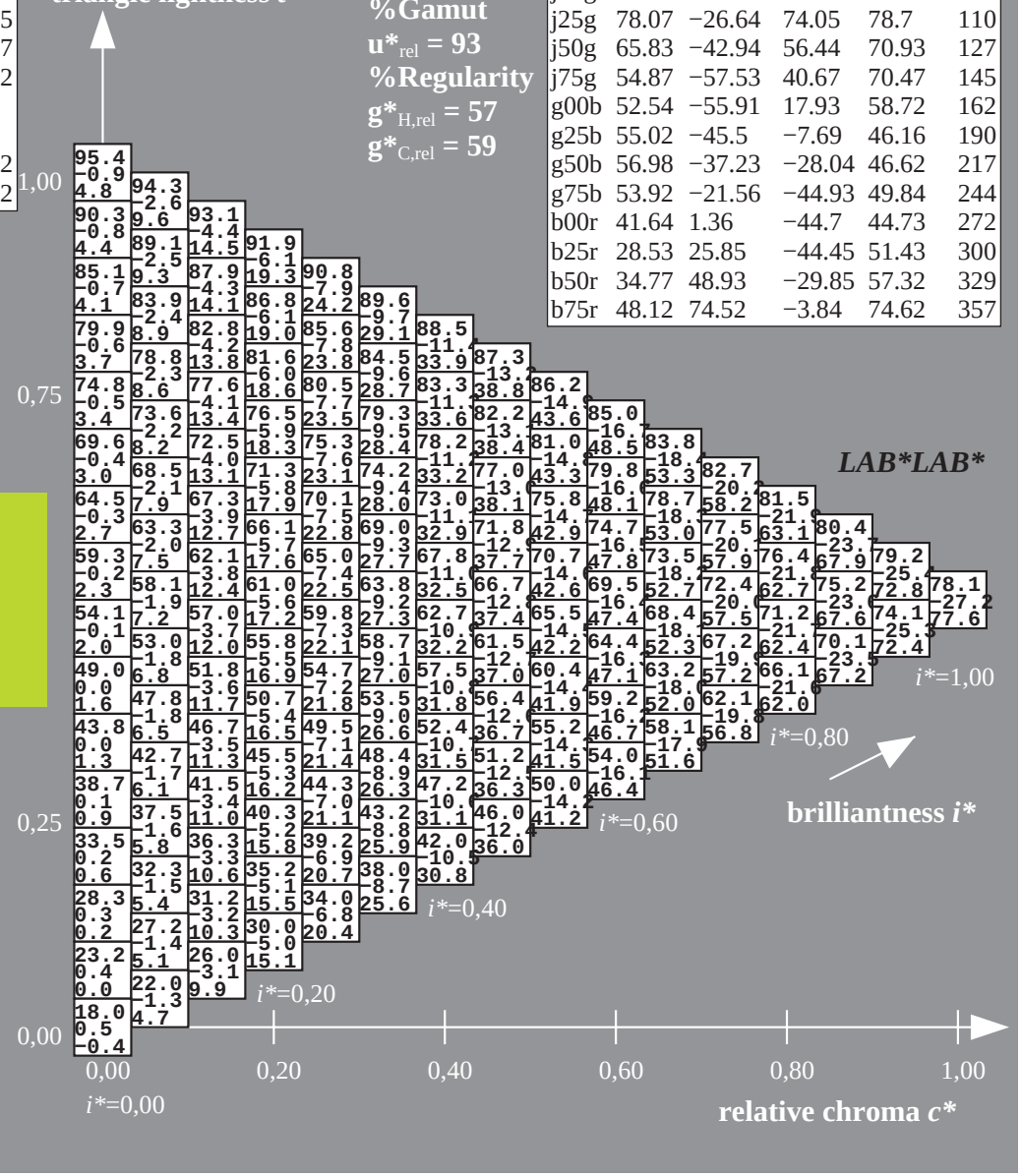
$LAB^*LAB^*_{Ma}$: 78 −26 74
$LAB^*LCH^*_{Ma}$: 78 79 110
$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
$lab^*olv^*_{Ma}$: 0.69 1.0 0.0

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

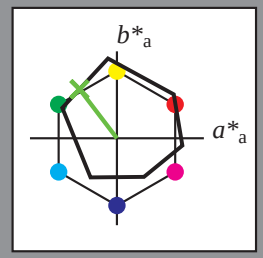




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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):

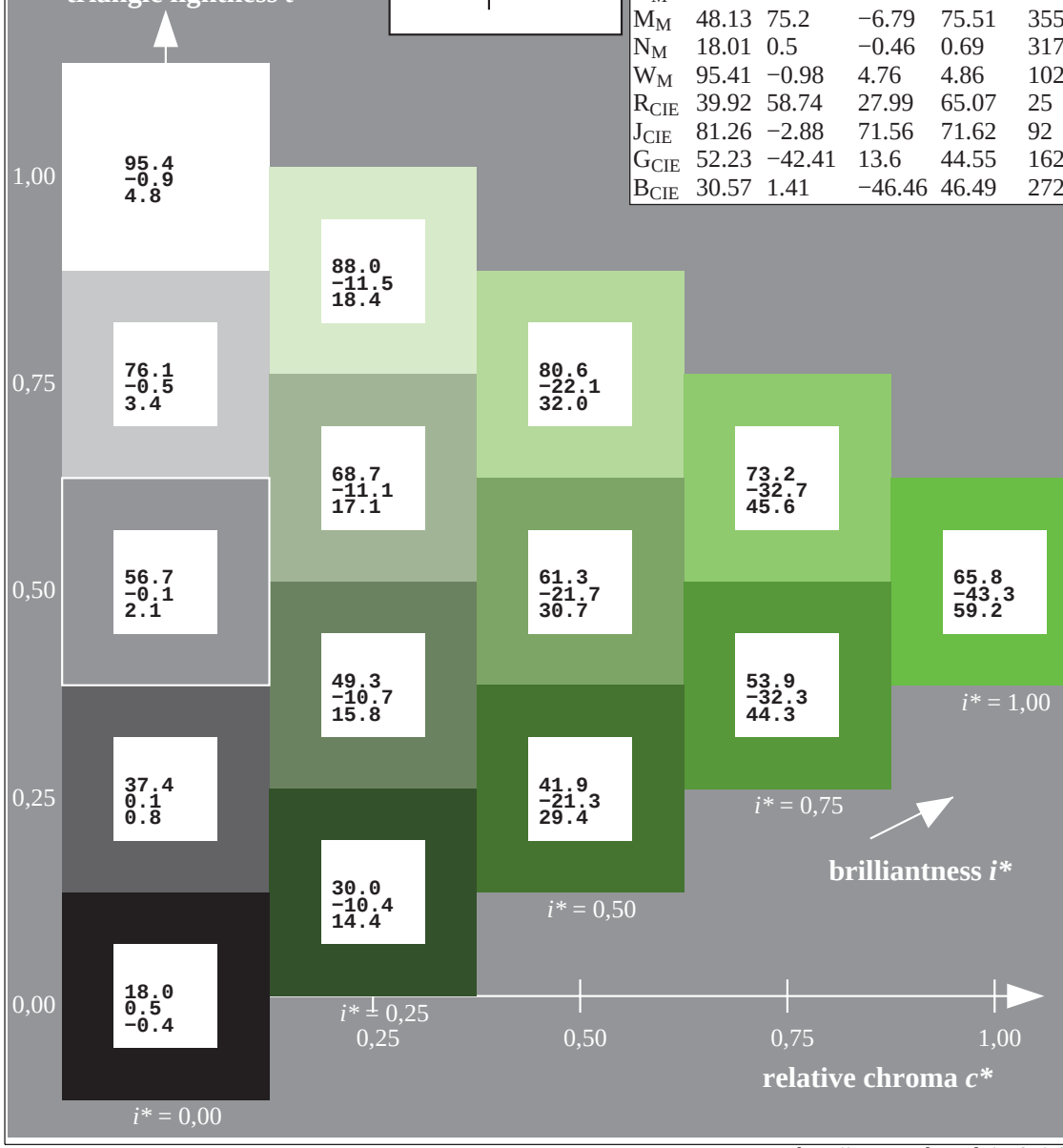
***LAB*LAB**$_{Ma}$: 66 −42 56**
***LAB*LCH**$_{Ma}$: 66 71 127**
***lab*rgb**$_{Ma}$: 0.5 1.0 0.0**
***lab*olv**$_{Ma}$: 0.38 1.0 0.0**

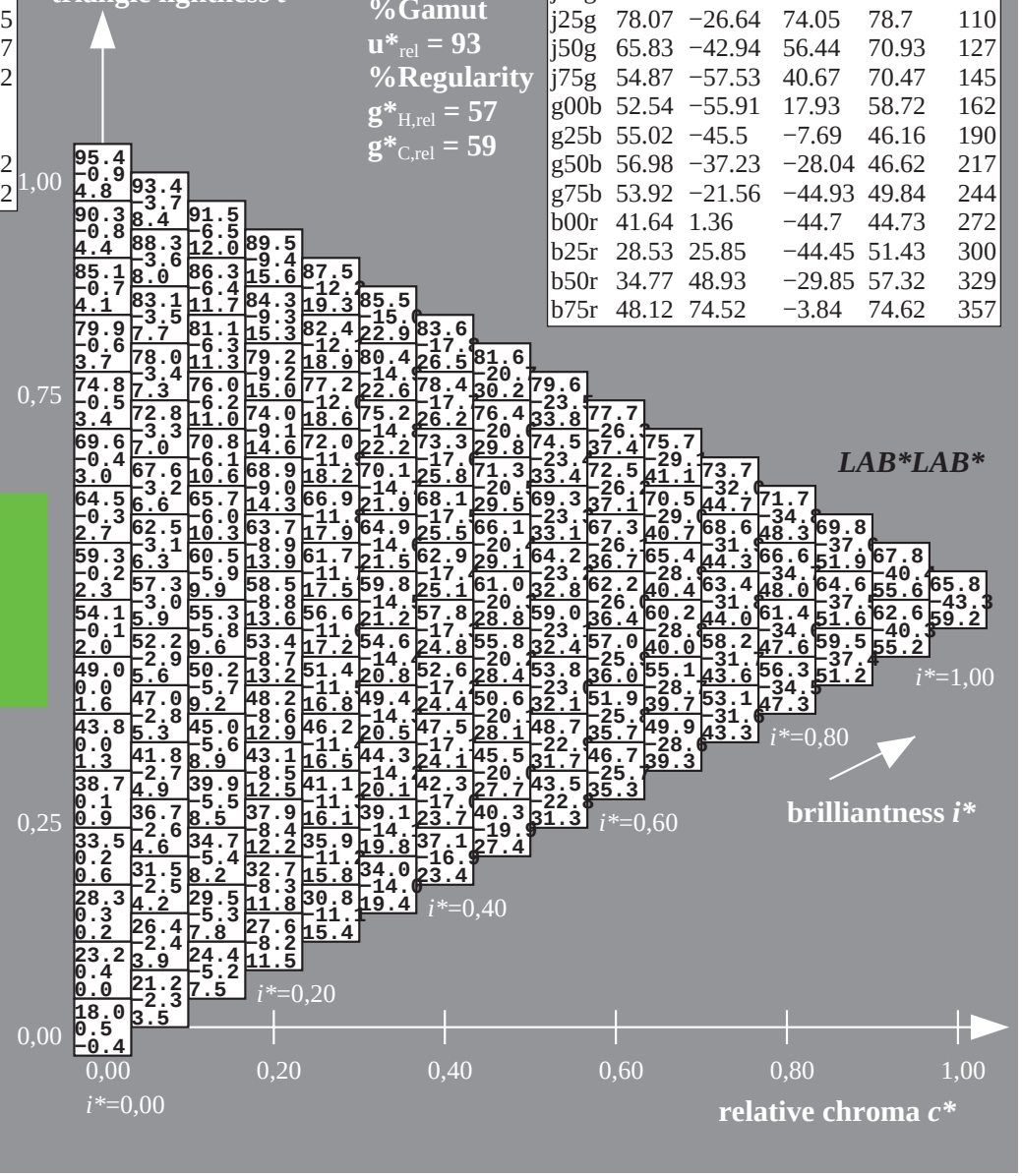
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

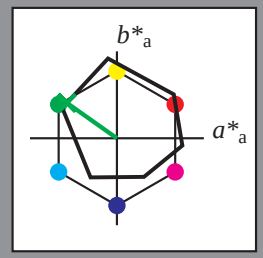




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

$u^* = j75g$
LAB^*LAB^*

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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):

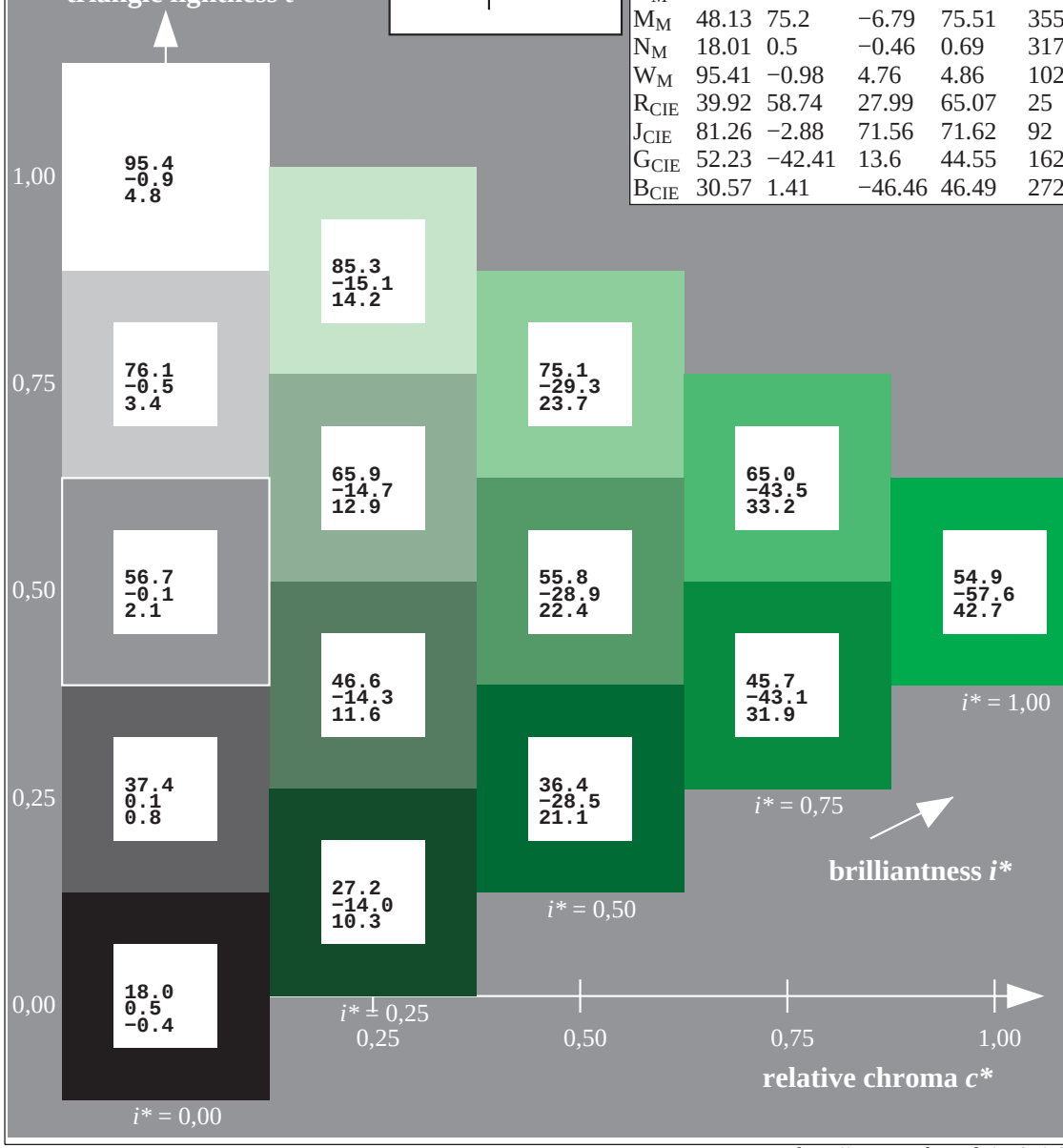
***$LAB^*LAB^*_{Ma}$*: 55 −57 41**
***$LAB^*LCH^*_{Ma}$*: 55 70 145**
***$lab^*rgb^*_{Ma}$*: 0.25 1.0 0.0**
***$lab^*olv^*_{Ma}$*: 0.1 1.0 0.0**

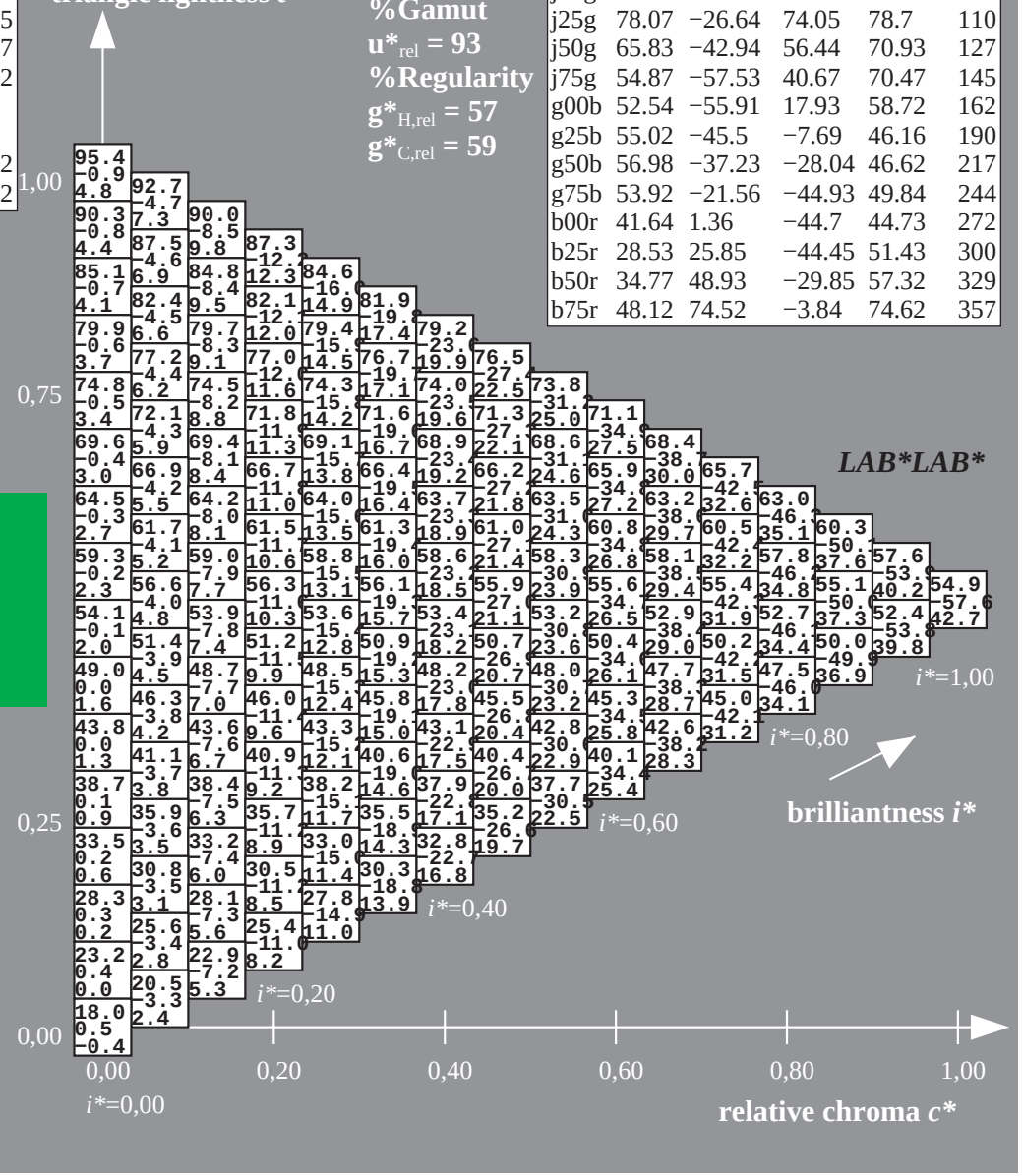
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

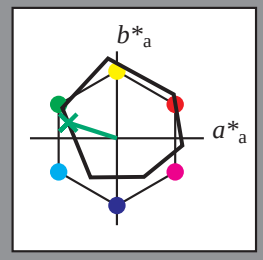




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = g00b
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

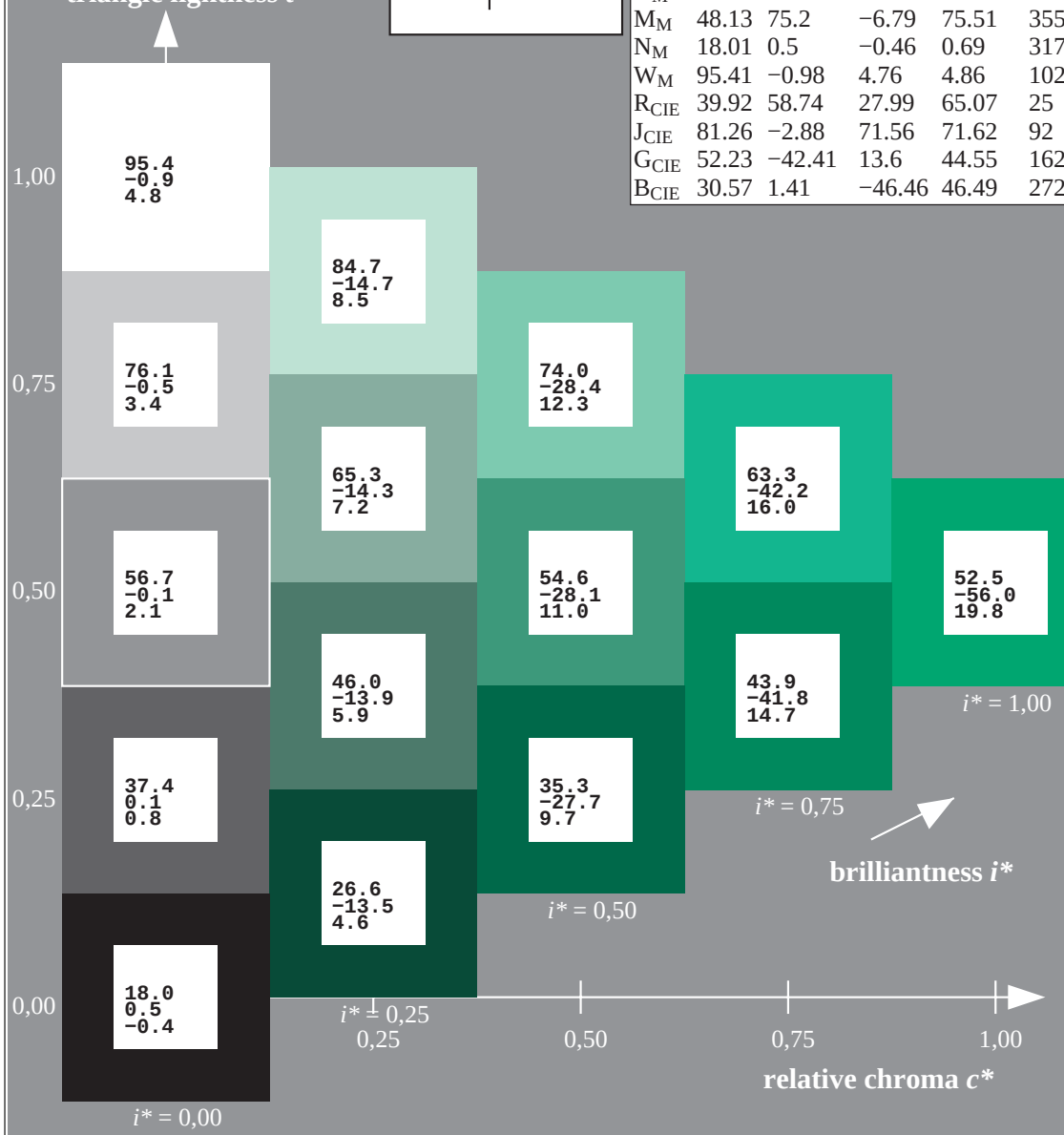
Data for maximum colour (Ma):

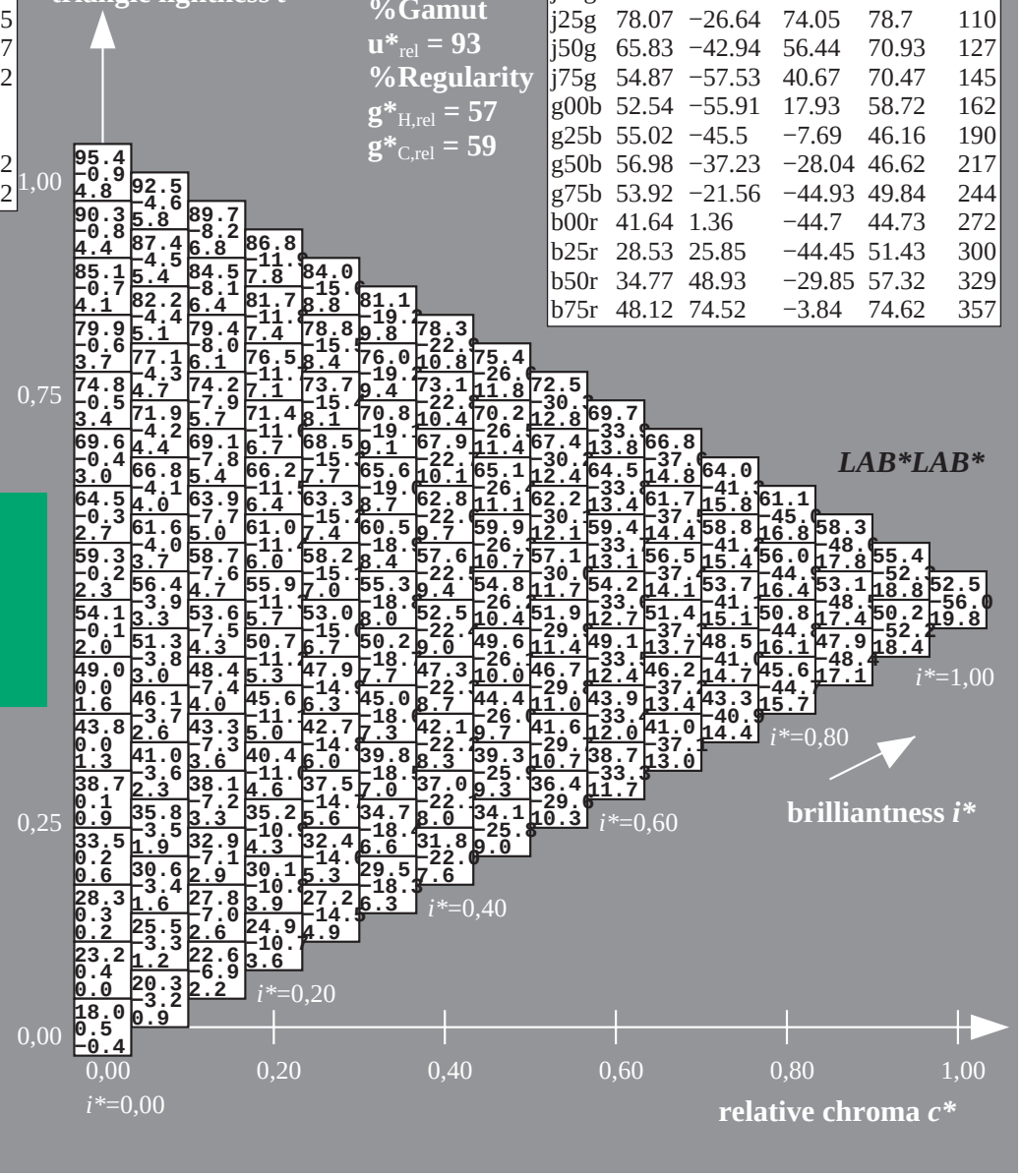
***LAB*LAB**$_{Ma}$: 53 −55 18**
***LAB*LCH**$_{Ma}$: 53 59 162**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.0**
***lab*olv**$_{Ma}$: 0.0 1.0 0.21**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

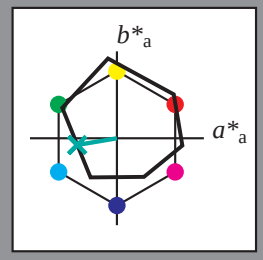




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = g25b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

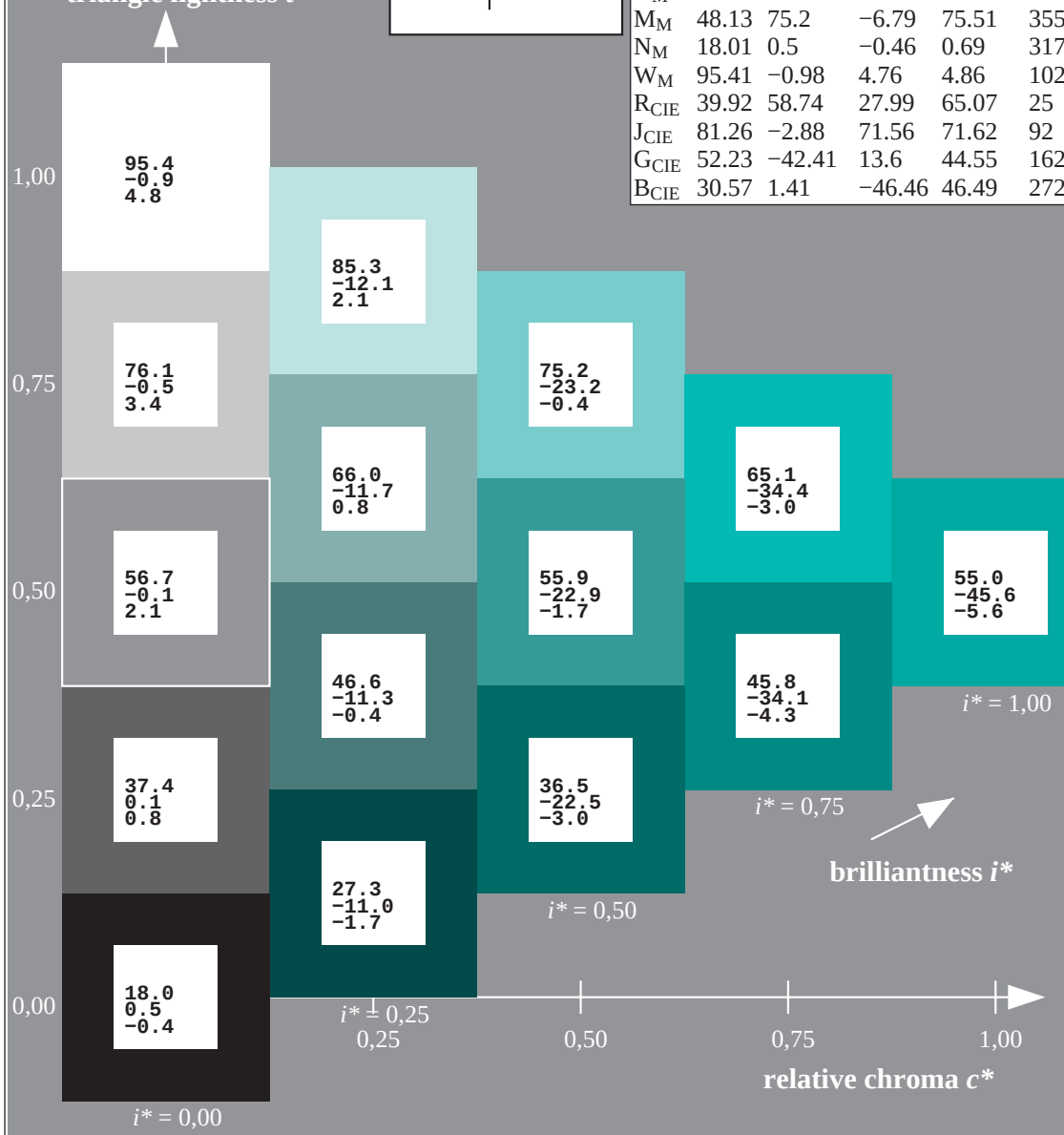
Data for maximum colour (Ma):

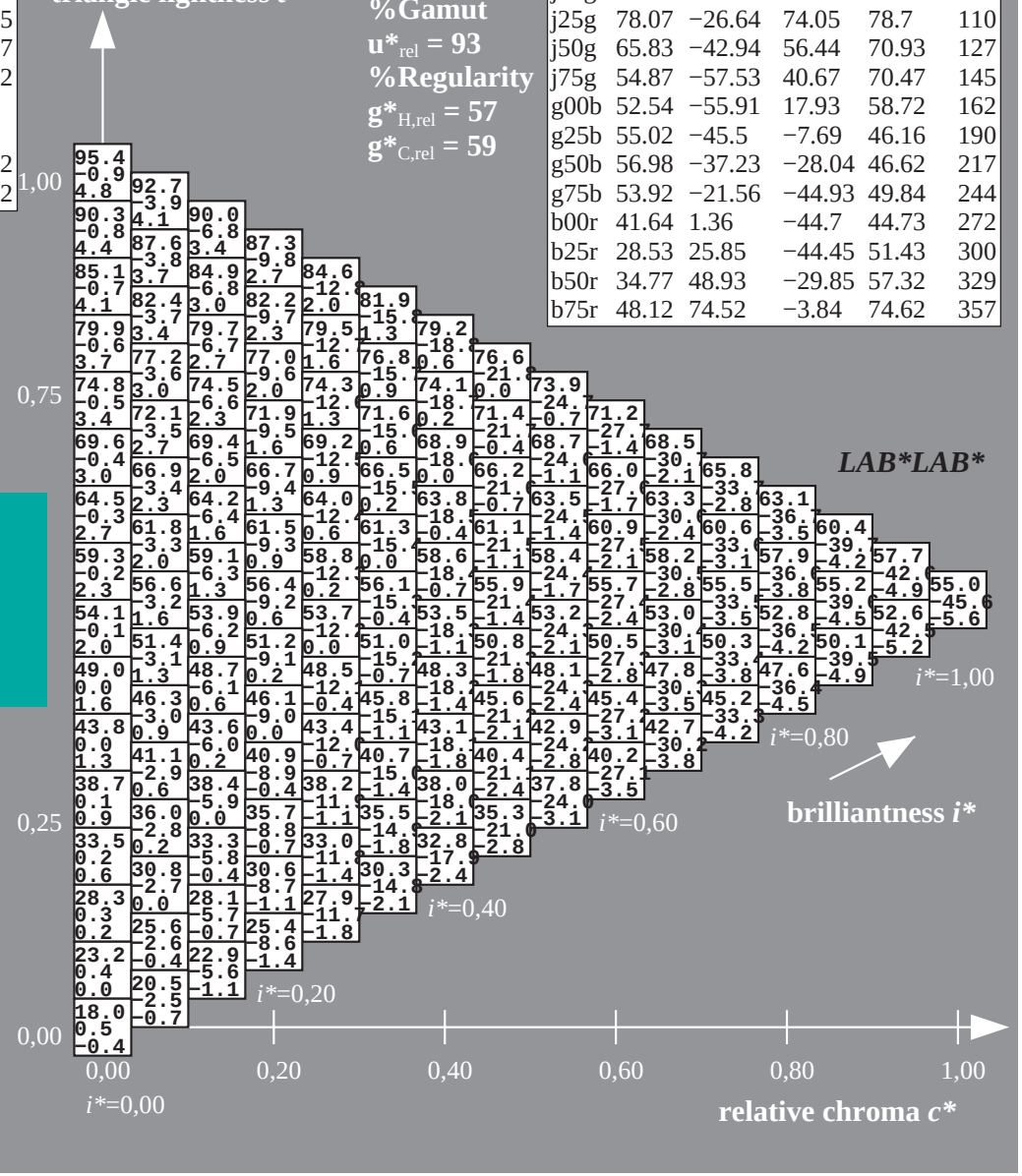
***LAB*LAB**$_{Ma}$: 55 −45 −7**
***LAB*LCH**$_{Ma}$: 55 46 190**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.5**
***lab*olv**$_{Ma}$: 0.0 1.0 0.53**

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

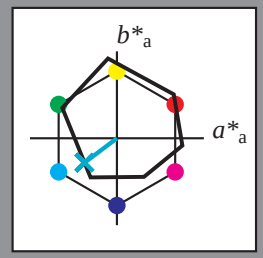




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = g50b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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):

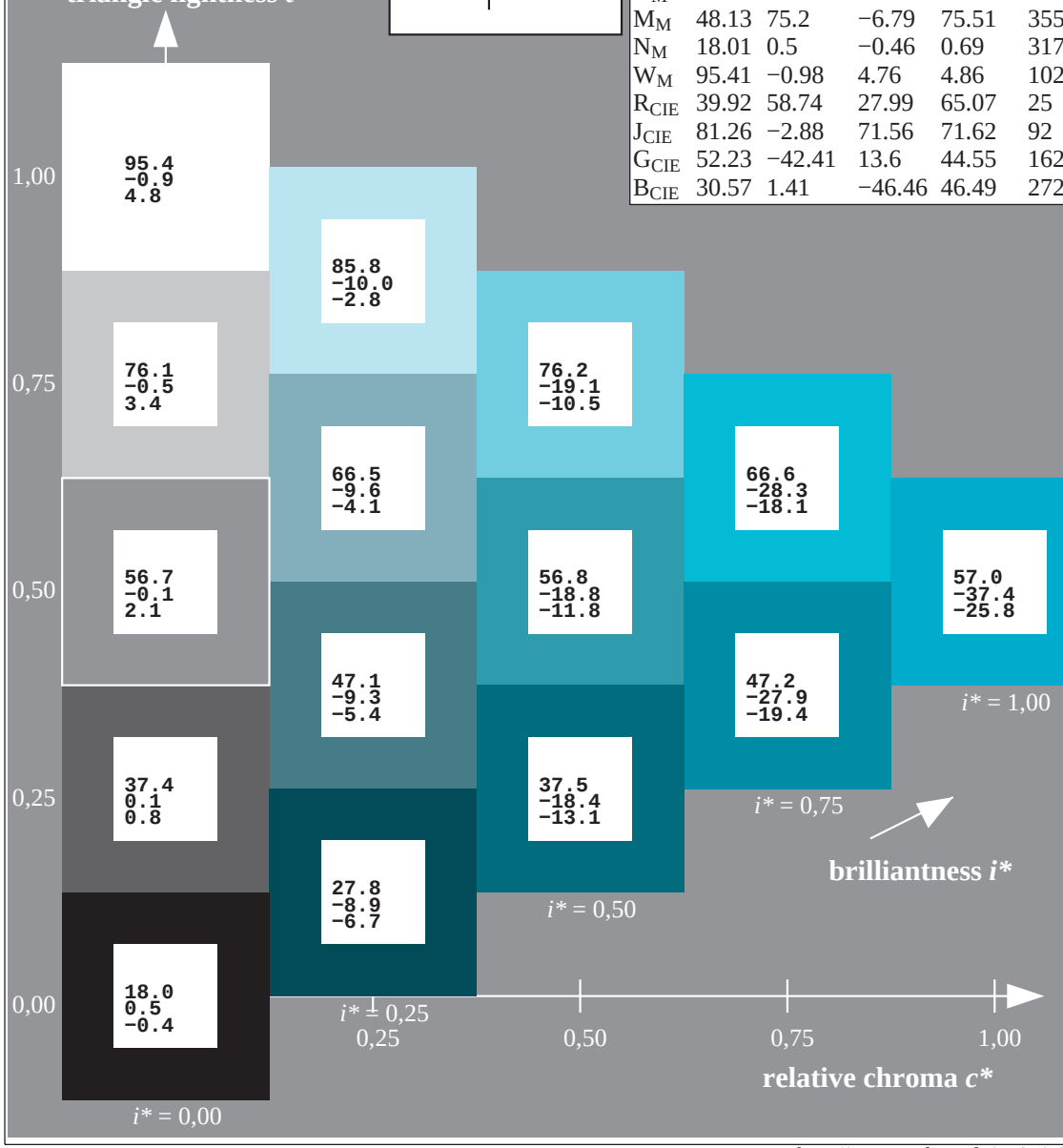
***$LAB^*LAB^*_{Ma}$*: 57 −36 −27**
***$LAB^*LCH^*_{Ma}$*: 57 47 217**
***$lab^*rgb^*_{Ma}$*: 0.0 1.0 1.0**
***$lab^*olv^*_{Ma}$*: 0.0 1.0 0.79**

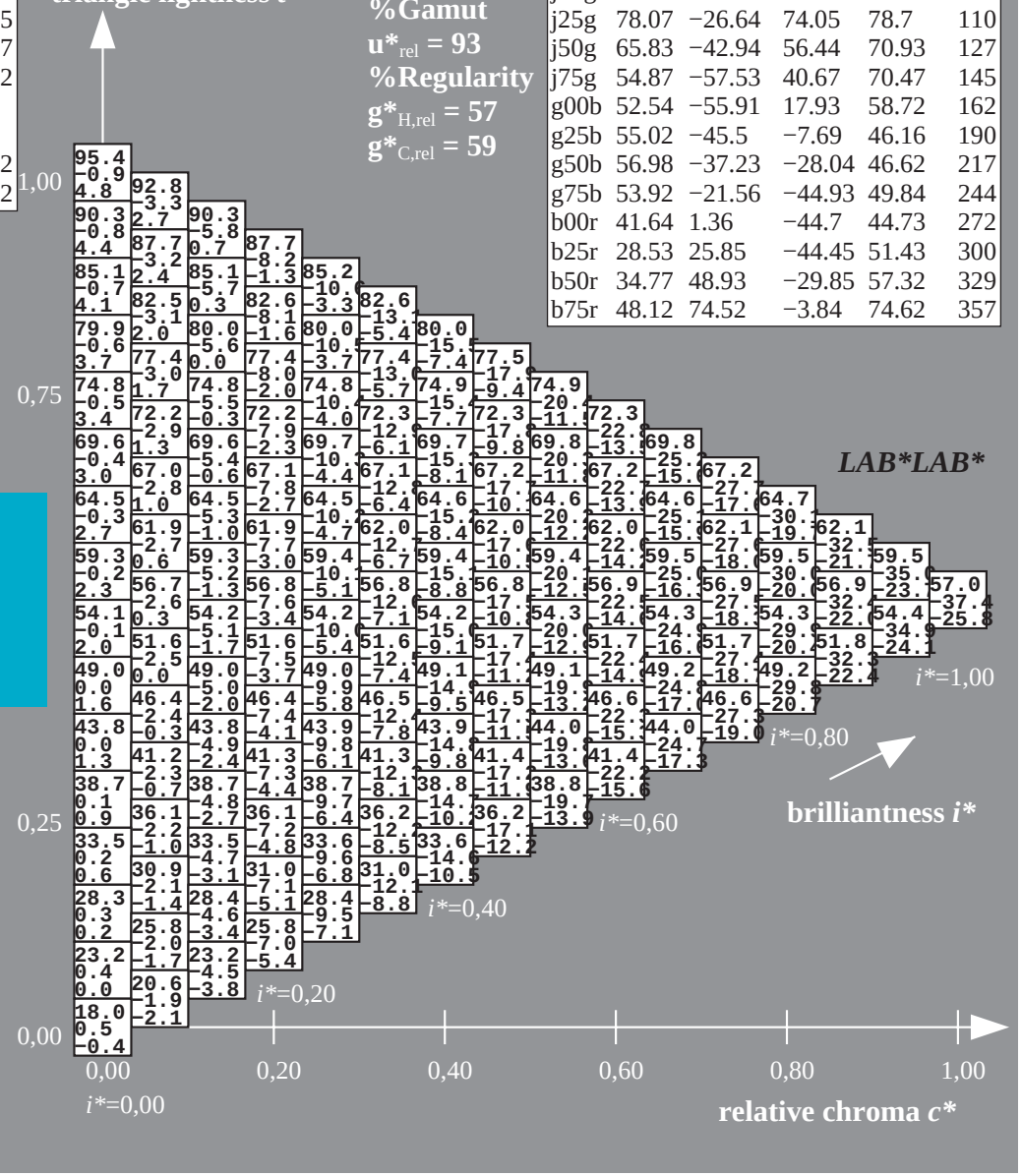
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

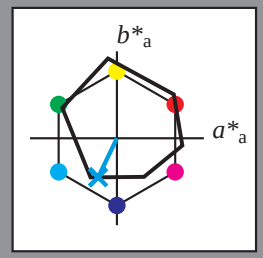




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = g75b
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS18_95M; CIELAB data

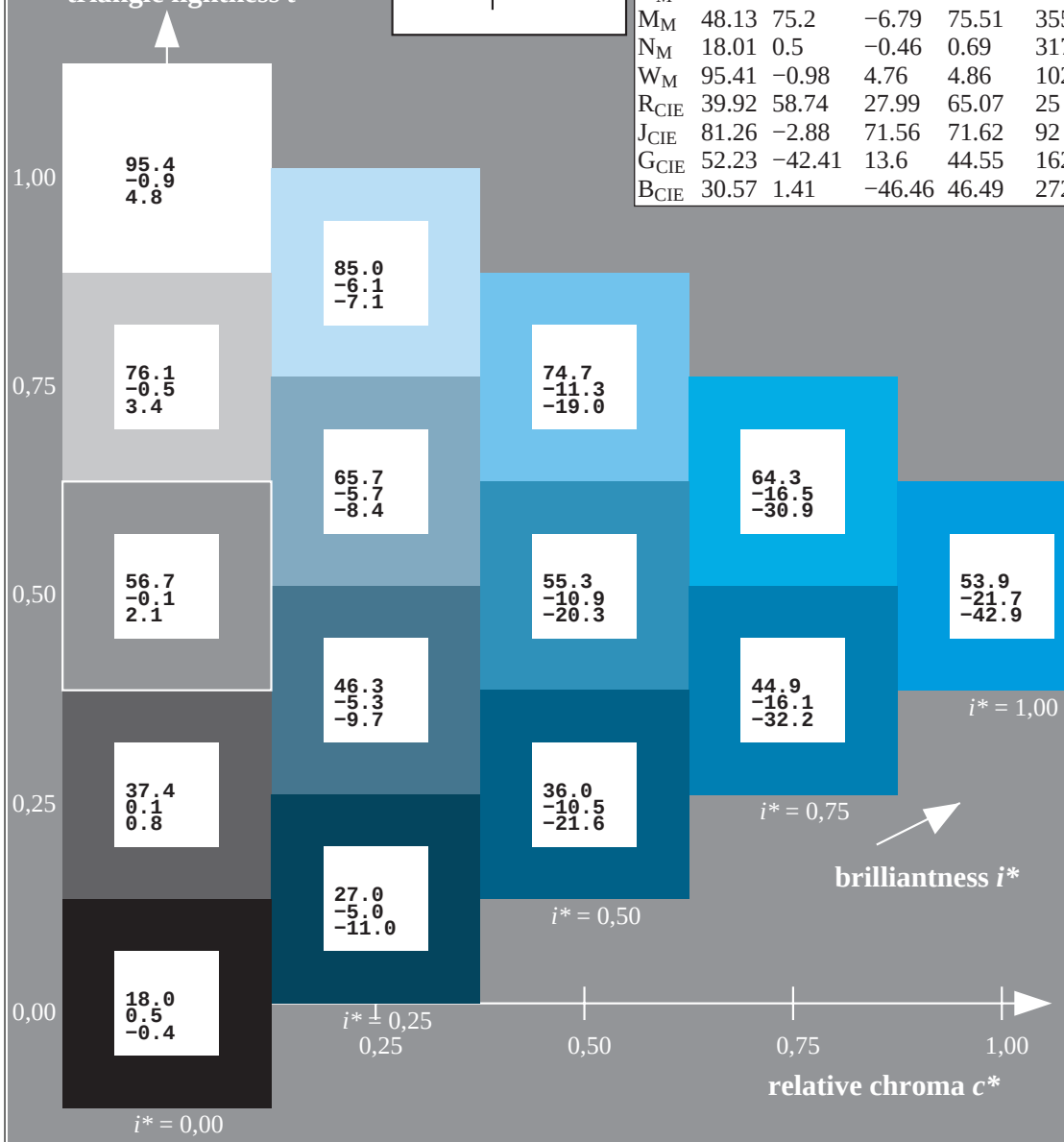
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	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

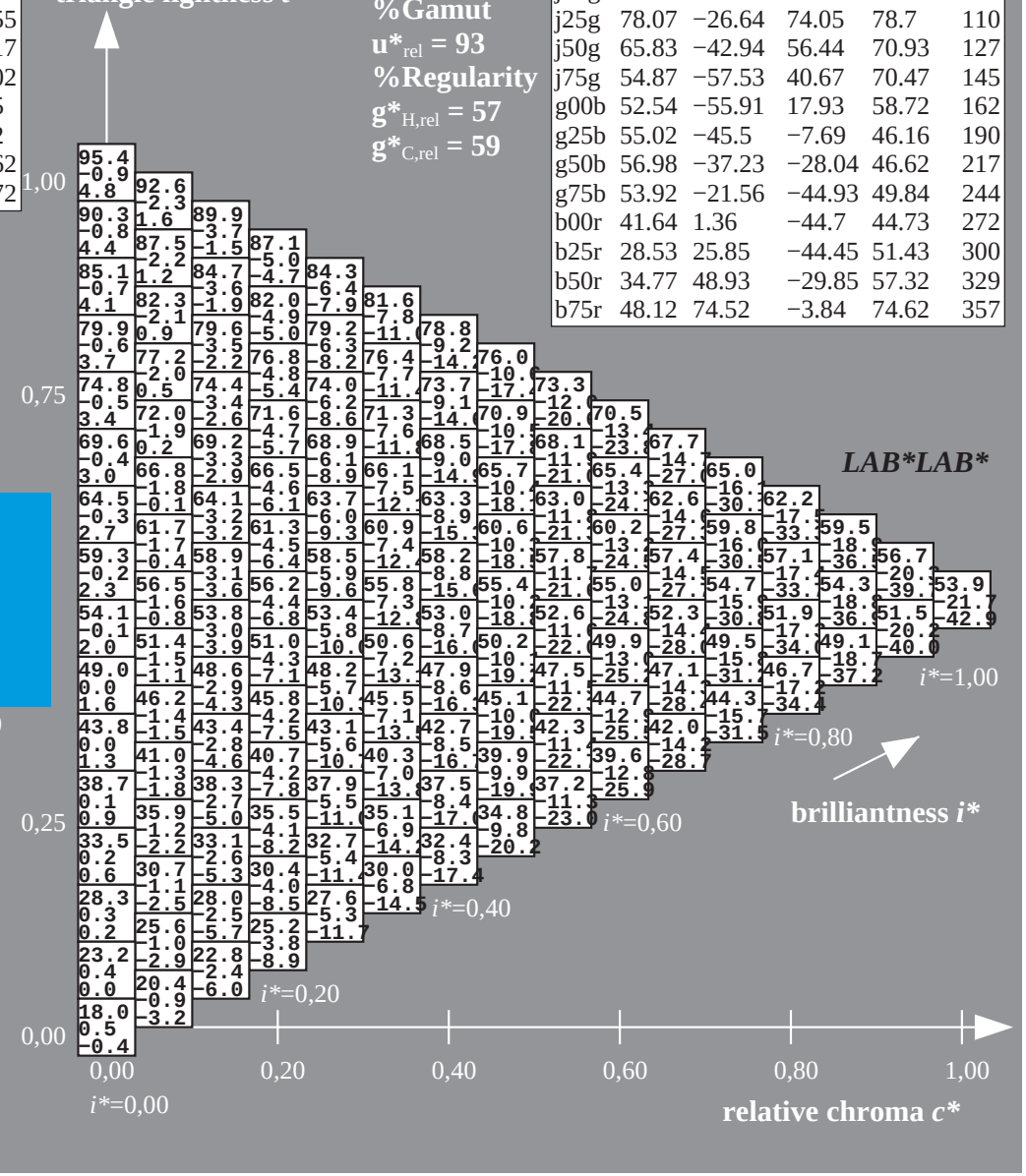
Data for maximum colour (Ma):

***LAB*LAB*Ma*: 54 −21 −44**
***LAB*LCH*Ma*: 54 50 244**
***lab*rgb*Ma*: 0.0 0.5 1.0**
***lab*olv*Ma*: 0.0 0.86 1.0**

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

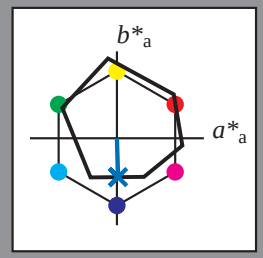




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = b00r$
contrast reduction factor:
$c_R = 1.0$



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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):

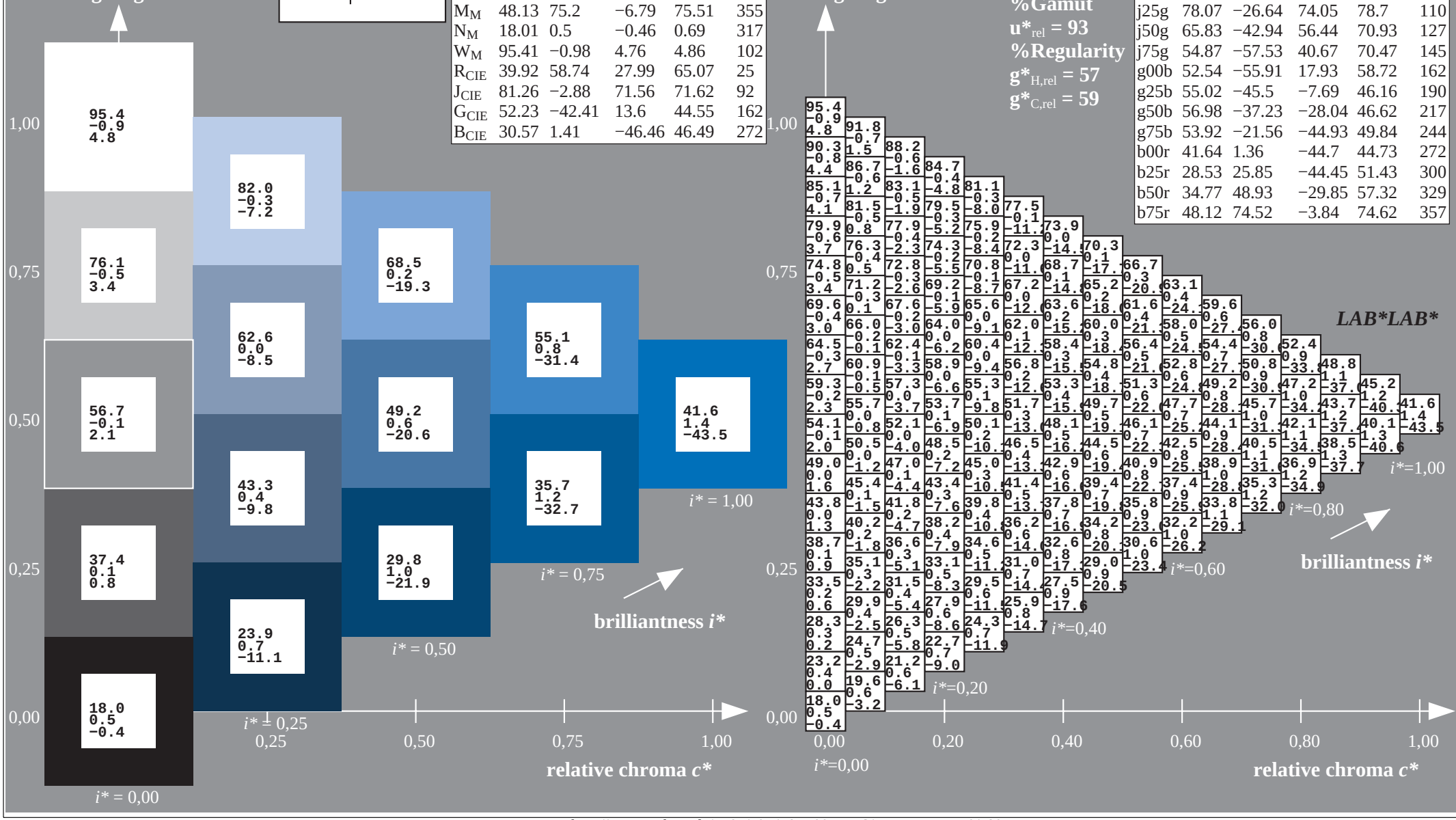
***LAB*LAB**$_{Ma}$: 42 1 −44**
***LAB*LCH**$_{Ma}$: 42 45 272**
***lab*rgb**$_{Ma}$: 0.0 0.0 1.0**
***lab*olv**$_{Ma}$: 0.0 0.48 1.0**

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*

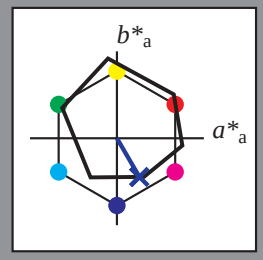
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = b25r$
contrast reduction factor:
$c_R = 1.0$



ORS18_95M; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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):

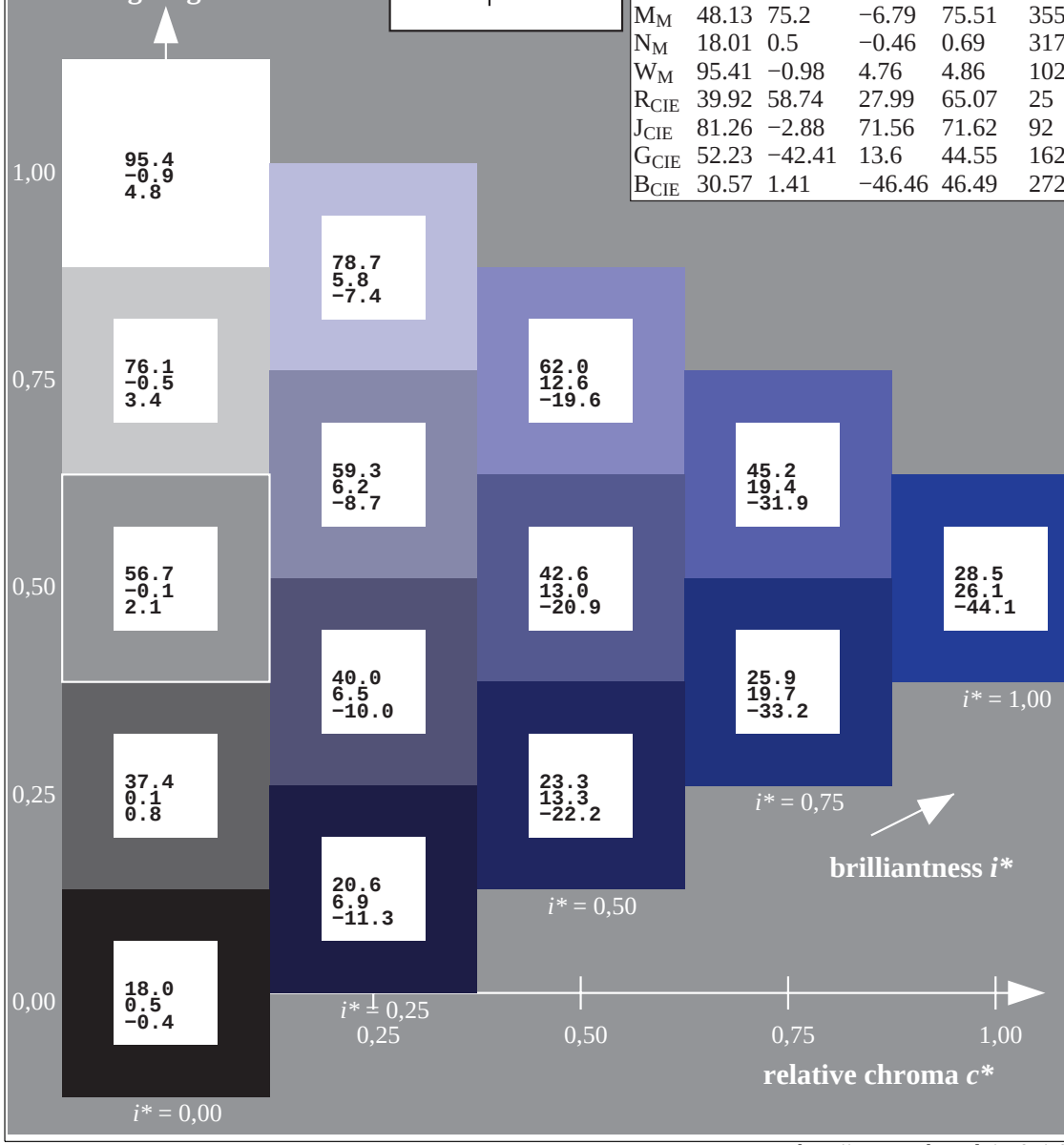
***LAB*LAB**$_{Ma}$: 29 26 −43**
***LAB*LCH**$_{Ma}$: 29 51 300**
***lab*rgb**$_{Ma}$: 0.5 0.0 1.0**
***lab*olv**$_{Ma}$: 0.0 0.09 1.0**

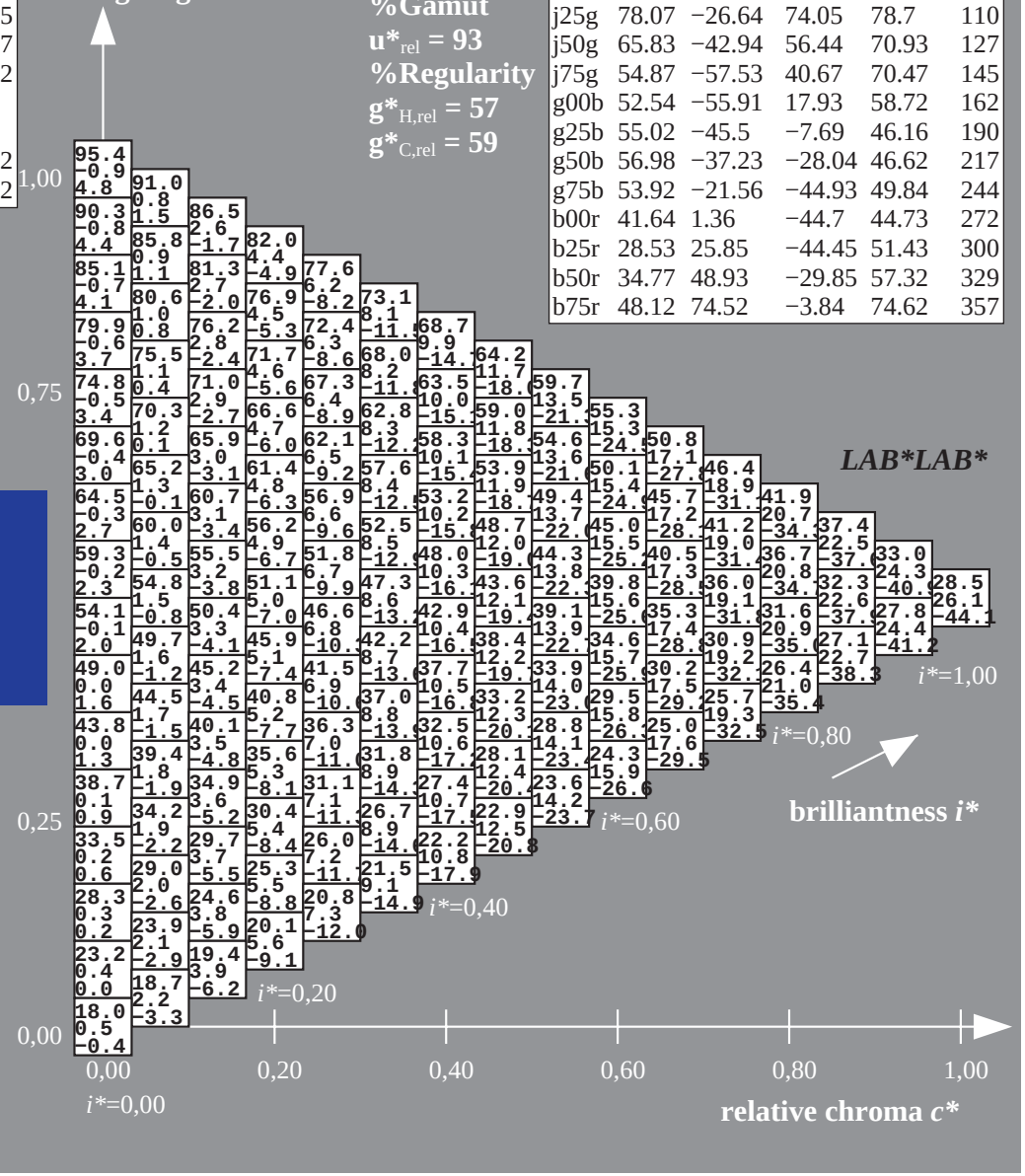
ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

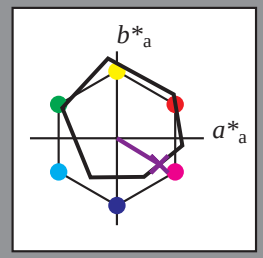




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = b50r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95M; CIELAB data

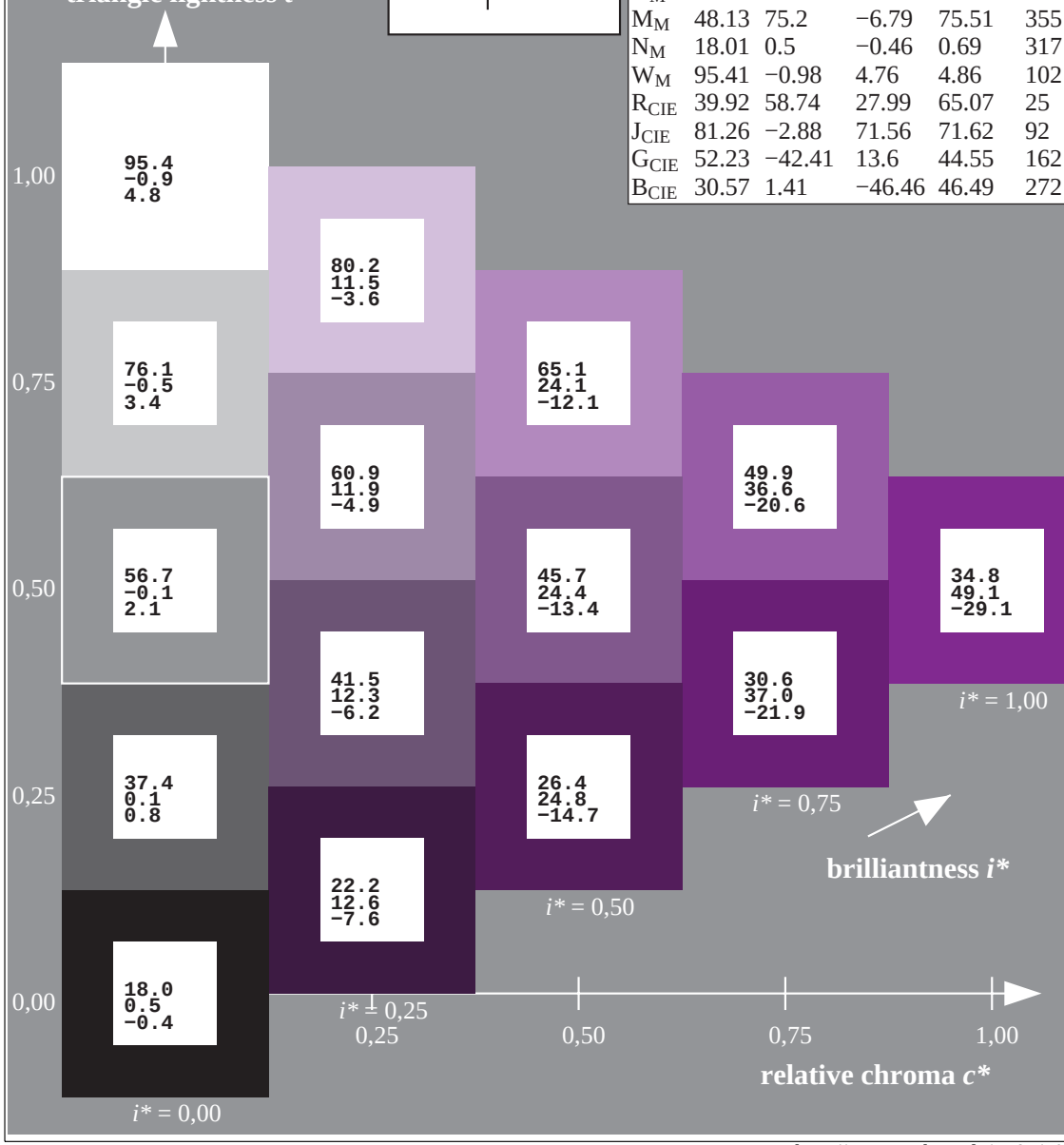
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	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 49 −29**
***LAB*LCH**$_{Ma}$: 35 57 329**
***lab*rgb**$_{Ma}$: 1.0 0.0 1.0**
***lab*olv**$_{Ma}$: 0.4 0.0 1.0**

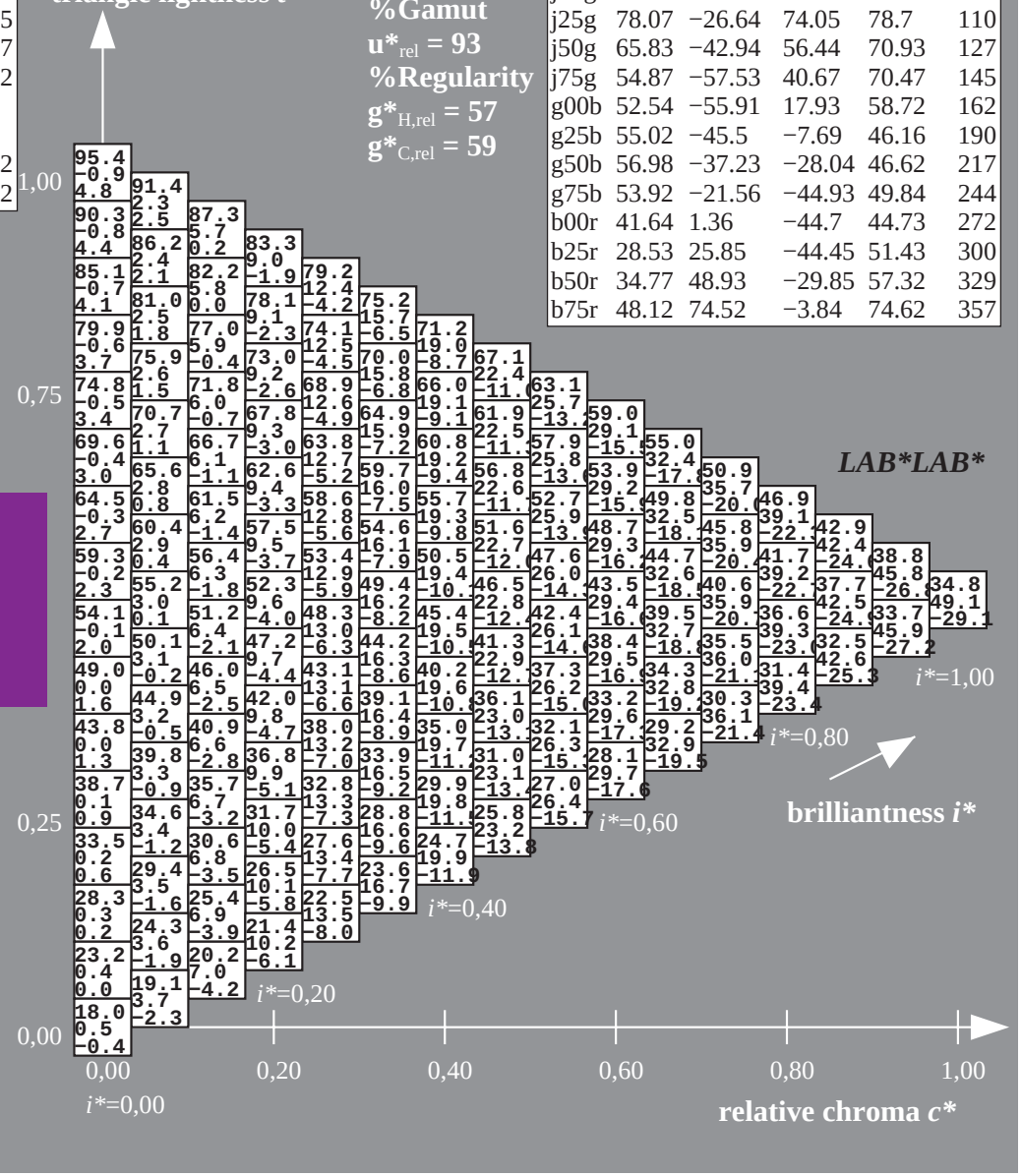
ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



triangle lightness t^*

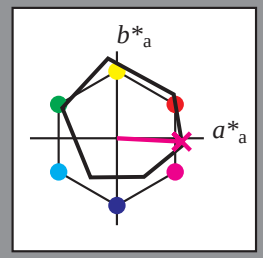
%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

$u^* = b75r$
LAB^*LAB^*

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = b75r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95M; CIELAB data

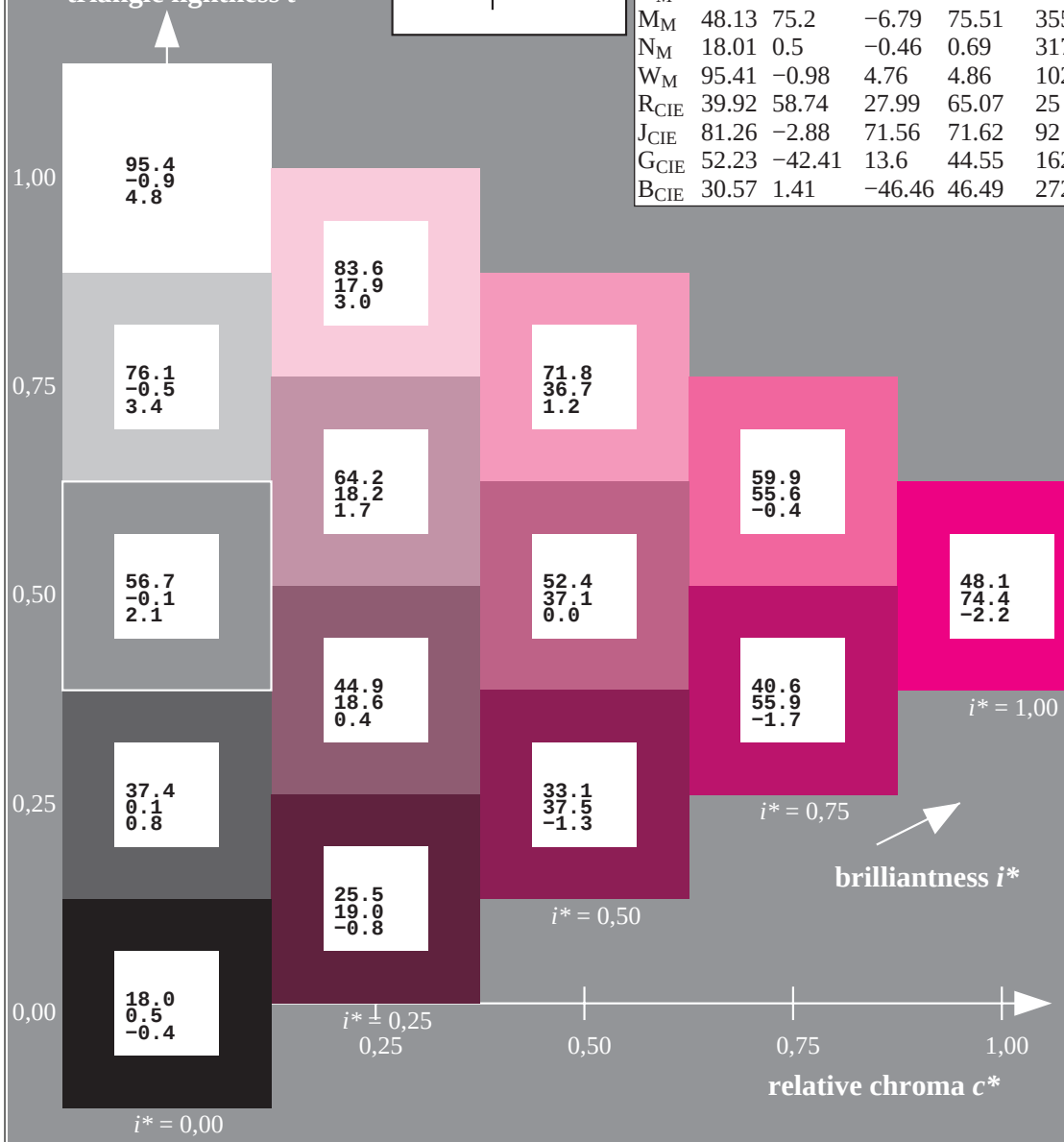
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	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

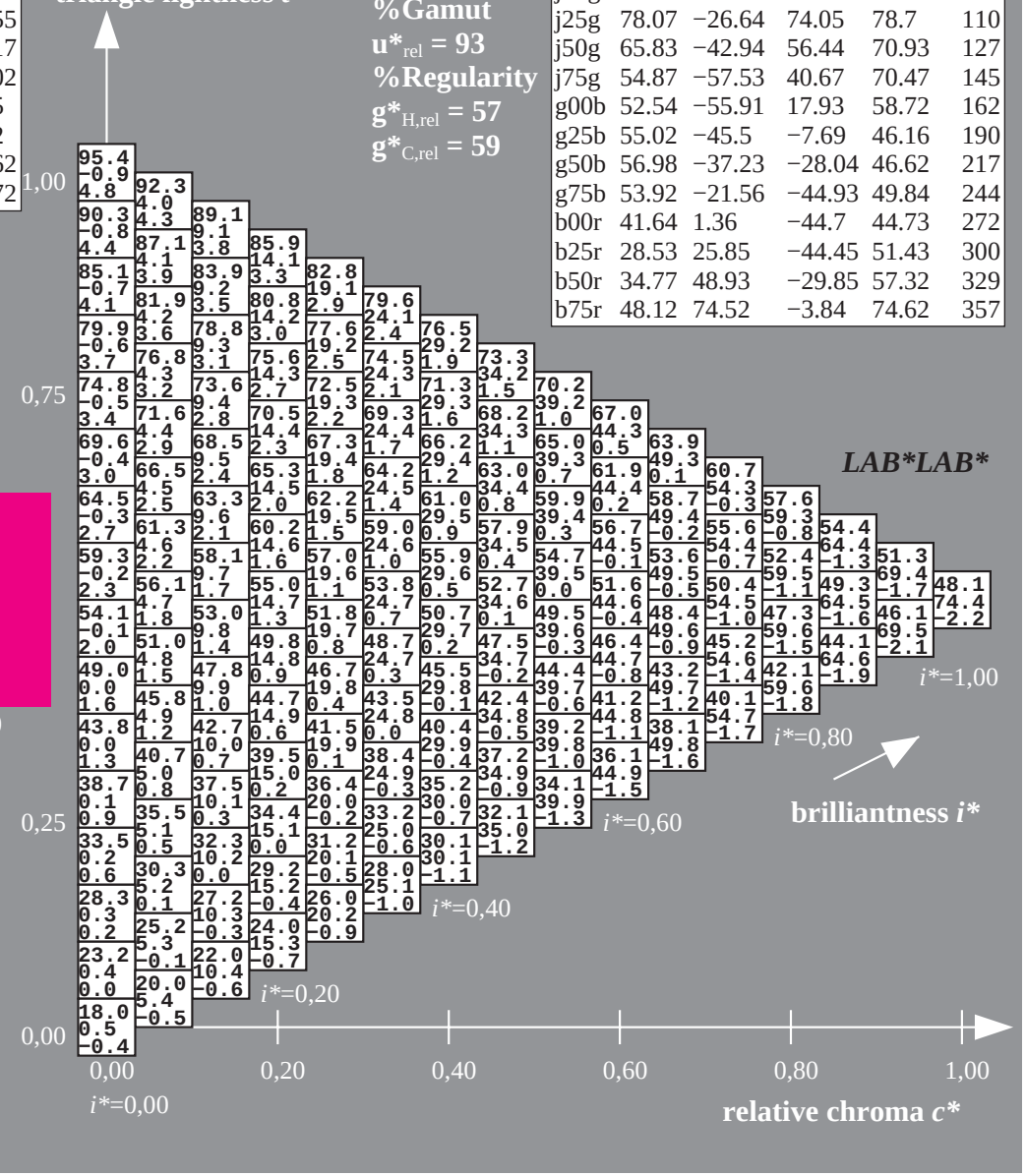
Data for maximum colour (Ma):

***LAB*LAB**$_{Ma}$: 48 75 −3**
***LAB*LCH**$_{Ma}$: 48 75 357**
***lab*rgb**$_{Ma}$: 1.0 0.0 0.5**
***lab*olv**$_{Ma}$: 1.0 0.0 0.92**

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



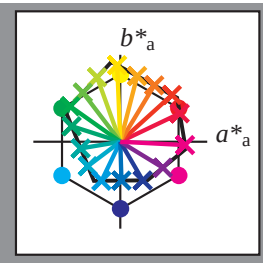


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*		
01	18.0	22.1	26.2	30.3	34.5	38.6	42.7	46.8	50.9	21.8	27.1	31.2	35.3	39.4	43.5	47.6	51.7	55.8	25.5	30.8	36.1	40.2	44.3	48.4	52.5	56.7	60.8	95.4	89.5	83.5	77.6	71.7	65.7	59.8	53.9	47.9	18.0	18.0	18.0	18.0
	0.5	-7.3	-15.3	-23.2	-31.1	-39.1	-47.0	-54.9	-62.9	8.6	-0.9	-8.8	-16.7	-24.7	-32.6	-40.5	-48.5	-56.4	16.7	7.1	-2.3	-10.2	-18.2	-26.1	-34.0	-42.0	-49.9	-0.9	7.3	15.6	23.9	32.2	40.4	48.7	57.0	65.3	0.5	0.5	0.5	0.5
	-0.4	4.2	8.8	13.5	18.1	22.8	27.4	32.1	36.7	6.1	11.6	16.2	20.9	25.5	30.2	34.8	39.5	44.1	12.7	18.2	23.7	28.3	33.0	37.6	42.3	46.9	51.6	4.8	10.7	16.6	22.5	28.4	34.3	40.2	46.2	52.1	-0.4	-0.4	-0.4	-0.4
02	19.0	23.1	27.2	31.3	35.4	39.5	43.6	47.8	51.9	21.8	27.7	31.8	35.9	40.0	44.1	48.2	52.4	56.5	25.5	31.4	36.7	40.8	45.0	49.1	53.2	57.3	61.4	90.8	85.7	79.8	73.9	67.9	62.0	56.1	50.1	44.2	27.7	27.7	27.7	27.7
	4.4	-3.3	-11.2	-19.2	-27.1	-35.0	-43.0	-50.9	-58.8	9.8	0.3	-7.5	-15.5	-23.4	-31.3	-39.3	-47.2	-55.1	17.9	8.4	-1.0	-9.0	-16.9	-24.8	-32.8	-40.7	-48.6	-4.6	-0.7	7.5	15.8	24.1	32.3	40.6	48.9	57.2	0.3	0.3	0.3	0.3
	-5.9	-5.7	-1.0	3.5	8.2	12.8	17.5	22.1	26.8	-1.2	0.2	4.8	9.5	14.1	18.8	23.4	28.1	32.7	5.3	6.8	12.3	16.9	21.6	26.2	30.9	35.5	40.1	-1.1	4.1	10.0	15.9	21.8	27.8	33.7	39.6	45.5	0.2	0.2	0.2	0.2
03	19.9	24.1	28.2	32.3	36.4	40.5	44.6	48.7	52.8	22.7	28.6	32.8	36.9	41.0	45.1	49.2	53.3	57.4	25.5	31.5	37.4	41.5	45.6	49.7	53.8	57.9	62.0	86.2	81.1	76.1	70.1	64.2	58.3	52.3	46.4	40.5	37.4	37.4	37.4	37.4
	8.2	0.5	-7.2	-15.1	-23.0	-31.0	-38.9	-46.8	-54.8	13.7	4.2	-3.5	-11.4	-19.3	-27.3	-35.2	-43.1	-51.1	19.2	9.7	0.1	-7.7	-15.6	-23.6	-31.5	-39.4	-47.4	-8.3	-4.4	-0.5	7.7	16.0	24.2	32.5	40.8	49.1	0.1	0.1	0.1	0.1
	-11.3	-11.1	-10.9	-6.3	-1.6	2.9	7.6	12.2	16.8	-6.6	-5.2	-5.0	-0.4	4.2	8.8	13.5	18.1	22.8	-2.0	-0.5	0.8	5.5	10.1	14.8	19.4	24.1	28.7	-7.0	-1.7	3.4	9.4	15.3	21.2	27.1	33.0	38.9	0.8	0.8	0.8	0.8
04	20.9	25.0	29.1	33.2	37.4	41.5	45.6	49.7	53.8	23.7	29.6	33.7	37.8	41.9	46.1	50.2	54.3	58.4	26.5	32.4	38.3	42.4	46.5	50.7	54.8	58.9	63.0	81.6	76.5	71.5	66.4	60.5	54.5	48.6	42.7	36.7	47.0	47.0	47.0	47.0
	12.1	4.3	-3.3	-11.1	-19.0	-26.9	-34.9	-42.8	-50.7	17.6	8.1	0.3	-7.4	-15.3	-23.2	-31.2	-39.1	-47.0	23.0	13.5	4.0	-3.7	-11.6	-19.5	-27.5	-35.4	-43.3	-12.0	-8.1	-4.2	-0.3	7.9	16.1	24.4	32.7	41.0	0.0	0.0	0.0	0.0
	-16.8	-16.6	-16.4	-16.2	-11.6	-6.9	-2.3	2.3	6.9	-12.1	-10.7	-10.5	-10.3	-5.6	-1.0	3.6	8.2	12.8	-7.4	-6.0	-4.5	-4.3	0.2	4.8	9.5	14.1	18.8	-13.0	-7.7	-2.4	2.8	8.7	14.6	20.5	26.5	32.4	1.5	1.5	1.5	1.5
05	21.9	26.0	30.1	34.2	38.3	42.4	46.5	50.7	54.8	24.7	30.6	34.7	38.8	42.9	47.0	51.1	55.2	59.4	27.5	33.4	39.3	43.4	47.5	51.6	55.7	59.8	64.0	77.0	71.9	66.9	61.8	56.7	50.8	44.8	38.9	33.0	56.7	56.7	56.7	56.7
	16.0	8.2	0.5	-7.2	-15.0	-22.9	-30.8	-38.8	-46.7	21.4	11.9	4.2	-3.5	-11.3	-19.2	-27.1	-35.1	-43.0	26.9	17.4	7.9	0.1	-7.6	-15.5	-23.4	-31.4	-39.3	-15.7	-11.8	-7.9	-4.0	-0.1	8.0	16.3	24.6	32.9	-0.1	-0.1	-0.1	-0.1
	-22.3	-22.1	-21.9	-21.7	-21.5	-16.9	-12.2	-7.6	-2.9	-17.6	-16.2	-16.0	-15.8	-15.6	-10.9	-6.3	-1.6	2.9	-12.9	-11.5	-10.0	-9.8	-9.6	-5.0	-0.3	4.2	8.9	-18.9	-13.6	-8.3	-3.0	2.1	8.1	14.0	19.9	25.8	2.1	2.1	2.1	2.1
06	22.8	26.9	31.1	35.2	39.3	43.4	47.5	51.6	55.7	25.6	31.5	35.7	39.8	43.9	48.0	52.1	56.2	60.3	28.4	34.3	40.3	44.4	48.5	52.6	56.7	60.8	64.9	72.4	67.3	62.3	57.2	52.1	47.0	41.1	35.2	29.2	66.4	66.4	66.4	66.4
	19.8	12.1	4.3	-3.3	-11.1	-18.9	-26.8	-34.7	-42.6	25.3	15.8	8.0	0.3	-7.4	-15.2	-23.1	-31.0	-38.9	30.8	21.3	11.7	4.0	-3.7	-11.4	-19.4	-27.3	-35.2	-19.4	-15.5	-11.6	-7.7	-3.9	0.0	8.2	16.5	24.8	-0.3	-0.3	-0.3	-0.3
	-27.8	-27.6	-27.4	-27.2	-27.0	-26.8	-22.1	-17.5	-12.9	-23.1	-21.7	-21.5	-21.3	-21.1	-20.9	-16.2	-11.6	-6.9	-18.4	-17.0	-15.5	-15.3	-15.1	-14.9	-10.3	-5.6	-1.0	-24.8	-19.5	-14.3	-9.0	-3.7	1.5	7.4	13.3	19.2	2.8	2.8	2.8	2.8
07	23.8	27.9	32.0	36.1	40.2	44.4	48.5	52.6	56.7	26.6	32.5	36.6	40.7	44.8	49.0	53.1	57.2	61.3	29.4	35.3	41.2	45.3	49.4	53.6	57.7	61.8	65.9	67.8	62.7	57.7	52.6	47.5	42.4	37.4	31.4	25.5	76.1	76.1	76.1	76.1
	23.7	16.0	8.2	0.4	-7.2	-15.0	-22.7	-30.7	-38.6	29.2	19.7	11.9	4.1	-3.5	-11.3	-19.0	-27.0	-34.9	34.6	25.1	15.6	7.8	0.1	-7.6	-15.3	-23.3	-31.2	-23.1	-19.2	-15.3	-11.4	-7.6	-3.7	0.1	8.4	16.7	-0.5	-0.5	-0.5	-0.5
	-33.3	-33.1	-32.9	-32.7	-32.5	-32.3	-32.1	-27.4	-22.8	-28.6	-27.1	-26.9	-26.7	-26.5	-26.3	-26.1	-21.5	-16.8	-23.9	-22.5	-21.0	-20.8	-20.6	-20.4	-20.2	-15.6	-10.9	-30.8	-25.5	-20.2	-14.9	-9.6	-4.3	0.8	6.8	12.7	3.4	3.4	3.4	3.4
08	24.8	28.9	33.0	37.1	41.2	45.3	49.4	53.5	57.7	27.6	33.5	37.6	41.7	45.8	49.9	54.0	58.1	62.3	30.4	36.3	42.2	46.3	50.4	54.5	58.6	62.7	66.8	63.2	58.1	53.1	48.0	42.9	37.8	32.8	27.7	21.8	85.7	85.7	85.7	85.7
	27.6	19.8	12.1	4.3	-3.4	-11.1	-18.9	-26.6	-34.6	33.0	23.5	15.8	8.0	0.2	-7.4	-15.2	-22.9	-30.9	38.5	29.0	19.5	11.7	4.0	-3.7	-11.5	-19.2	-27.2	-26.8	-22.9	-19.0	-15.2	-11.3	-7.4	-3.5	0.3	8.6	-0.7	-0.7	-0.7	-0.7
	-38.8	-38.6	-38.4	-38.2	-38.0	-37.8	-37.6	-37.4	-32.7	-34.1	-32.6	-32.4	-32.2	-32.0	-31.8	-31.6	-31.4	-26.8	-29.4	-27.9	-26.5	-26.3	-26.1	-25.9	-25.7	-25.5	-20.8	-36.7	-31.4	-26.1	-20.9	-15.6	-10.3	-5.0	0.2	6.1	4.1	4.1	4.1	4.1
09	25.7	29.8	33.9	38.1	42.2	46.3	50.4	54.5	58.6	28.5	34.4	38.5	42.7	46.8	50.9	55.0	59.1	63.2	31.3	37.2	43.1	47.3	51.4	55.5	59.6	63.7	67.8	58.6	53.5	48.5	43.4	38.3	33.2	28.2	23.1	18.0	95.4	95.4	95.4	95.4
	31.4	23.7	15.9	8.2	0.4	-7.3	-15.0	-22.8	-30.5	36.9	27.4	19.6	11.9	4.1	-3.5	-11.3	-19.1	-26.8	42.4	32.9	23.3	15.6	7.8	0.1	-7.6	-15.4	-23.1	-30.5	-26.6	-22.7	-18.9	-15.0	-11.1	-7.2	-3.3	0.5	-0.9	-0.9	-0.9	-0.9
	-44.3	-44.0	-43.8	-43.6	-43.4	-43.2	-43.0	-42.8	-42.6	-39.6	-38.1	-37.9	-37.7	-37.5	-37.3	-37.1	-36.9	-36.7	-34.9	-33.4	-32.0	-31.8	-31.6	-31.4	-31.2	-31.0	-30.8	-42.6	-37.4	-32.1	-26.8	-21.5	-16.2	-10.9	-5.7	-0.4	4.8	4.8	4.8	4.8
10	29.2	34.5	39.8	45.1	49.3	53.4	57.5	61.6	65.7	33.0	38.3	43.6	48.9	54.2	58.3	62.4	66.5	70.6	36.7	42.0	47.3	52.6	57.9	63.2	67.3	71.5	75.6	95.4	94.8	94.1	93.5	92.9	92.3	91.6	91.0	90.4	18.0	18.0	18.0	18.0
	24.8	15.2	5.7	-3.8	-11.7	-19.6	-27.6	-35.5	-43.4	32.9	23.3	13.8	4.2	-5.2	-13.2	-21.1	-29.0	-37.0	41.0	31.4	21.9	12.3	2.8	-6.7	-14.6	-22.6	-30.5	-0.9	-2.2	-3.4	-4.7	-6.0	-7.2	-8.5	-9.8	-11.1	0.5	0.5	0.5	0.5
	19.2	24.7	30.2	35.8	40.4	45.1	49.7	54.4	59.0	25.8	31.3	36.8	42.3	47.8	52.5	57.1	61.8	66.4	32.4	37.9	43.4	48.9	54.4	59.9	64.6	69.2	73.9	4.8	16.2	27.6	39.0	50.5	61.9	73.3	84.7	96.2	-0.4	-0.4	-0.4	-0.4
11	29.3	35.2	40.5	45.8	49.9	54.0	58.1	62.2	66.3	33.0	38.9	44.2	49.5	54.8	58.9	63.0	67.2	71.3	36.7	42.7	48.0	53.3	58.6	63.9	68.0	72.1	76.2	86.7	85.7	85.1	84.5	83.8	83.2	82.6	82.0	81.3	23.2	23.2	23.2	23.2
	26.0	16.5	7.0	-2.5	-10.4	-18.4	-26.3	-34.2	-42.2	34.1	24.6	15.1	5.5	-4.0	-11.9	-19.8	-27.8	-35.7	42.2	32.7	23.2	13.6	4.0	-5.4	-13.4	-21.3	-29.2	3.1	-0.7	-2.0	-3.2	-4.5	-5.8	-7.1	-8.3	-9.6	0.4	0.4	0.4	0.4
	11.9	13.3	18.8	24.3	29.0	33.6	38.3	42.9	47.6	18.4	19.9	25.4	30.9	36.4	41.1	45.7	50.4	55.0	25.0	26.5	32.0	37.5	43.0	48.5	53.2	57.8	62.4	-1.3	4.1	15.5	27.0	38.4	49.8	61.2	72.7	84.1	0.0	0.0	0.0	0.0
12	29.3	35.2	41.1	46.4	50.5	54.6	58.7	62.9	67.0	33.0	38.9	44.8	50.1	55.5	59.6	63.7	67.8	71.9	36.8	42.7	48.6	53.9	59.2	64.5	68.6	72.7	76.8	78.0	77.0	76.1	75.4	74.8	74.2	73.5	72.9	72.3	28.3	28.3	28.3	28.3
	27.3	17.8	8.2	-1.2	-9.2	-17.1	-25.0	-33.0	-40.9	35.4	25.9	16.3	6.8	-2.7	-10.6	-18.6	-26.5	-34.4	43.5	34.0	24.4	14.9	5.3	-4.1	-12.1	-20.0	-27.9	7.1	3.3	-0.5	-1.8	-3.1	-4.3	-5.6	-6.9	-8.1	0.3	0.3	0.3	0.3
	4.5	6.0	7.4	12.9	17.6	22.2	26.9	31.5	36.2	11.1	12.5	14.0	19.5	25.0	29.6	34.3	38.9	43.6	17.7	19.1	20.5	26.1	31.6	37.1	41.7	46.4	51.0	-7.4	-1.9	3.4	14.9	26.3	37.7	49.2	60.6	72.0	0.2	0.2	0.2	0.2
13	29.3	35.2	41.1	47.0	51.1	55.3	59.4	63.5	67.6	33.1	39.0	44.9	50.8	56.1	60.2	64.3	68.4	72.5	36.8	42.7	48.6	54.5	59.8	65.1	69.2	73.3	77.5	69.3	68.3	67.3	66.4	65.8	65.1	64.5	63.9	63.2	33.5	33.5	33.5	33.5
	28.5	19.0	9.5	0.0	-7.9	-15.8	-23.8	-31.7	-39.6	36.6	27.1	17.6	8.0	-1.4	-9.4	-17.3	-25.2	-33.1	44.7	35.2	25.7	16.1	6.6	-2.9	-10.8	-18.7	-26.7	11.2	7.3	3.4	-0.3	-1.6	-2.9	-4.1	-5.4	-6.7	0.2	0.2	0.2	0.2
	-2.7	-1.3	0.0	1.5	6.1	10.8	15.4	20.1	24.7	3.7	5.2	6.6	8.1	13.6	18.2	22.9	27.5	32.2	10.3	11.7	13.2	14.6	20.1	25.7	30.3	34.9	39.6	-13.6	-8.1	-2.6	2.8	14.2	25.7	37.1	48.5	59.9	0.6	0.6	0.6	0.6
14	30.3	36.2	42.1	48.0	52.1	56.2	60.3	64.4	68.6	33.1	39.0	44.9	50.8	56.7	60.8	64.9	69.0	73.2	36.8	42.7	48.6	54.5	60.5	65.8	69.9	74.0	78.1	60.6	59.6	58.6	57.7	56.7	56.1	55.5	54.8	54.2	38.7	38.7	38.7	38.7
	32.4	22.9	13.3	3.8	-3.9	-11.8	-19.7	-27.7	-35.6	37.8	28.3	18.8	9.3	-0.1	-8.1	-16.0	-23.9	-31.9	45.9	36.4	26.9	17.4	7.9	-1.6	-9.5	-17.5	-25.4	15.2	11.4	7.5	3.6	-0.1	-1.4	-2.7	-4.0	-5.2	0.1	0.1	0.1	0.1
	-8.2	-6.8	-5.3	-3.9	-3.7	0.9	5.5	10.1	14.8	-3.5	-2.1	-0.6	0.7	2.1	6.8	11.4	16.1	20.7	2.9	4.4	5.8	7.3	8.7	14.2	18.9	23.5	28.2	-19.7	-14.2	-8.7	-3.2	2.1	13.6	25.0	36.4	47.8	0.9	0.9	0.9	0.9
15	31.2	37.1	43.1	49.0	53.1	57.2	61.3	65.4	69.5	34.0	39.9	45.9	51.8	57.7	61.8	65.9	70.0	74.1	36.8	42.7	48.7	54.6	60.5	66.4	70.5	74.6	78.7	51.9	50.9	49.9	49.0	48.0	47.0	46.4	45.8	45.1	43.8	43.8	43.8	43.8
	36.2	26.7	17.2	7.7	0.0	-7.7	-15.7	-23.6	-31.5	41.7	32.2	22.7	13.1	3.6	-4.0	-12.0	-19.9	-27.8	47.2	37.7	28.1	18.6	9.1	-0.3	-8.3	-16.2	-24.1	19.3	15.4	11.5	7.7	3.8	0.0	-1.2	-2.5	-3.8	0.0	0.0	0.0	0.0
	-13.7	-12.3	-10.8	-9.4	-9.2	-9.0	-4.3	0.2	4.9	-9.0	-7.6	-6.1	-4.7	-3.2	-3.0	1.5	6.2	10.8	-4.3	-2.9	-1.4	0.0	1.4	2.8	7.4	12.1	16.7	-25.8	-20.4	-14.9	-9.4	-3.9	1.5	12.9	24.3	35.8	1.3	1.3	1.3	1.3
16	32.2	38.1	44.0	49.9	54.0	58.2	62.3	66.4	70.5	35.0	40.9	46.8	52.7	58.6	62.8	66.9	71.0	75.1	37.8	43.7	49.6	55.5	61.4	67.3	71.5	75.6	79.7	43.1	42.2	41.2	40.3	39.3	38.3	37.4	36.7	36.1	49.0	49.0	49.0	49.0
	40.1	30.6	21.1	11.5	3.8	-3.9	-11.6	-19.6	-27.5	45.6	36.1	26.5	17.0	7.5	-0.2	-7.9	-15.9	-23.8	51.0	41.5	32.0	22.5	13.0	3.4	-4.2	-12.2	-20.1	23.3	19.5	15.6	11.7	7.9	4.0	0.1	-1.0	-2.3	0.0	0.0	0.0	0.0
	-19.2	-17.8	-16.3	-14.9	-14.7	-14.5	-14.3	-9.6	-5.0	-14.5	-13.1	-11.6	-10.2	-8.7	-8.5	-8.3	-3.7	0.9	-9.8	-8.4	-6.9	-5.5	-4.0	-2.6	-2.4	2.2	6.8	-32.0	-26.5	-21.0	-15.5	-10.0	-4.5	0.8	12.3	23.7	1.6	1.6	1.6	1.6
17	33.2	39.1	45.0	50.9	55.0	59.1	63.2	67.3	71.4	36.0	41.9	47.8	53.7	59.6	63.7	67.8	71.9	76.0	38.8	44.7	50.6	56.5	62.4	68.3	72.4	76.5	80.6	34.4	33.5	32.5	31.5	30.6	29.6	28.6	27.7	27.1	54.1	54.1	54.1	54.1
	44.0	34.5	24.9	15.4	7.7	0.0	-7.8	-15.5	-23.5	49.4	39.9	30.4	20.9	11.4	3.6	-4.1	-11.8	-19.7	54.9	45.4	35.9	26.4	16.8	7.3	-0.4	-8.1	-16.0	27.4	23.5	19.7	15.8	11.9	8.1	4.2	0.3	-0.9	-0.1	-0.1	-0.1	-0.1
	-24.7	-23.2	-21.8	-20.4	-20.2	-20.0	-19.8	-19.5	-14.9	-20.0	-18.5	-17.1	-15.7	-14.2	-14.0	-13.8	-13.6	-9.0	-15.3	-13.9	-12.4	-11.0	-9.5	-8.1	-7.9	-7.7	-3.0	-38.1	-32.6	-27.1	-21.7	-16.2	-10.7	-5.2	0.2	11.6	2.0	2.0	2.0	2.0
18	34.1	40.0	45.9	51.9	56.0	60.1	64.2	68.3	72.4	36.9	42.8	48.7	54.7	60.6	64.7	68.8	72.9	77.0	39.7	45.6	51.5	57.5	63.4	69.3	73.4	77.5	81.6	25.7	24.8	23.8	22.8	21.9	20.9	19.9	19.0	18.0	59.3	59.3	59.3	59.3
	47.8	38.3	28.8	19.3	11.5	3.8	-3.9	-11.7	-19.4	53.3	43.8	34.3	24.8	15.2	7.5	-0.2	-8.0	-15.7	58.8	49.3	39.7	30.2	20.7	11.2	3.4	-4.2	-12.0	31.4	27.6	23.7	19.8	16.0	12.1	8.2	4.4	0.5	-0.2	-0.2	-0.2	-0.2
	-30.2	-28.7	-27.3	-25.8	-25.6	-25.4	-25.2	-25.0	-24.8	-25.5	-24.0	-22.6	-21.1	-19.7	-19.5	-19.3	-19.1	-18.9	-20.8	-19.3	-17.9	-16.4	-15.0	-13.6	-13.4	-13.2	-13.0	-44.3	-38.8	-33.3	-27.8	-22.3	-16.8	-11.3	-5.9	-0.4	2.3	2.3	2.3	2.3
19	40.5	45.8	51.1	56.4	61.7	67.0	72.3	76.4	80.5	44.2	49.5	54.8	60.1	65.4	70.7	76.0	81.3	85.4	47.9	53.2	58.5	63.8	69.2	74.5	79.8	85.1	90.4	95.4	89.8	84.3	78.7	73.2	67.6	62.0	56.5	50.9	64.5	64.5	64.5	64.5
	49.1	39.5	30.0	20.4	10.9	1.3	-8.1	-16.1	-24.0	57.2	47.7	38.1	28.5	19.0	9.4	0.0	-9.6	-17.5	65.3	55.7	46.2	36.6	27.1	17.5	8.0	-1.5	-11.1	-0.9	-8.6	-16.4	-24.1	-31.9	-39.6	-47.4	-55.1	-62.9	-0.3	-0.3	-0.3	-0.3
	38.9	44.4	50.0	55.5	61.0	66.5	72.0	76.6	81.3	45.5	51.0	56.5	62.0	67.5	73.1	78.6	84.1	88.7	52.1	57.6	63.1	68.6	74.1	79.6	85.1	90.6	96.2	4.8	8.8	12.7	16.7	20.7	24.7	28.7	32.7	36.7	2.7	2.7	2.7	2.7
20	40.5	46.4	51.7	57.0	62.3	67.6	72.9	77.0	81.1	44.2	50.1	55.4	60.7	66.0	71.3	76.7	82.0	86.1	48.0	53.9	59.2	64.5	69.8	75.1	80.4	85.7	91.0	89.5	85.7	80.2	74.6	69.0	63.5	57.9	52.4	46.8	69.6	69.6	69.6	69.6
	50.3	40.8	31.3	21.7	12.1	2.6	-6.9	-14.8	-22.7	58.4	48.9	39.4	29.8	20.2	10.7	1.1	-8.3	-16.3	66.5	57.0	47.5	37.9	28.3	18.8	9.2	-0.2	-9.8	8.5	-0.7	-8.5	-16.2	-23.9	-31.7	-39.4	-47.2	-54.9	-0.4	-0.4	-0.4	-0.4
	31.6	33.0	38.5	44.0	49.6	55.1	60.6	65.2	69.9	38.1	39.6	45.1	50.6	56.1	61.6	67.2	72.7	77.3	44.7	46.2	51.7	57.2	62.7	68.2	73.7	79.2	84.7	3.3	4.1	8.1	12.1	16.1	20.1	24.1	28.1	32.1	3.0	3.0	3.0	3.0
21	40.5	46.4	52.3	57.6	62.9	68.2	73.5	77.7	81.8	44.3	50.2	56.1	61.4	66.7	72.0	77.3	82.6	86.7	48.0	53.9	59.8	65.1	70.4	75.7	81.0	86.3	91.6	83.6	79.8	76.1	70.5	64.9	59.4	53.8	48.2	42.7	74.8	74.8	74.8	74.8
	51.6	42.1	32.5	23.0	13.4	3.9	-5.6	-13.5	-21.5	59.7	50.2	40.6	31.1	21.5	12.0	2.4	-7.1	-15.0	67.8	58.3	48.7	39.2	29.6	20.1	10.5	0.9	-8.5	18.1	8.7	-0.5	-8.3	-16.0	-23.8	-31.5	-39.3	-47.0	-0.5	-0.5	-0.5	-0.5
	24.2	25.7	27.1	32.6	38.1	43.6	49.2	53.8	58.4	30.8	32.2	33.7	39.2	44.7	50.2	55.7	61.2	65.9	37.3	38.8	40.2	45.7	51.3	56.8	62.3	67.8	73.3	1.9	2.7	3.4	7.4	11.4	15.4	19.4	23.4	27.4	3.4	3.4	3.4	3.4
22	40.5	46.4	52.3	58.3	63.6	68.9	74.2	78.3	82.4	44.3	50.2	56.1	62.0	67.3	72.6	77.9	83.2	87.3	48.0	53.9	59.8	65.7	71.0	76.3	81.6	87.0	92.3	77.7	73.9	70.2	66.4	60.8	55.3	49.7	44.1	38.6	79.9	79.9	79.9	79.9
	52.8	43.3	33.8	24.2	14.7	5.1	-4.3	-12.3	-20.2	60.9	51.4	41.9	32.3	22.8	13.2	3.7	-5.8	-13.7	69.0	59.5	50.0	40.4	30.9	21.3	11.8	2.2	-7.2	27.6	18.2	8.9	-0.3	-8.1	-15.8	-23.6	-31.3	-39.1	-0.6	-0.6	-0.6	-0.6
	16.9	18.3	19.7	21.2	26.7	32.2	37.7	42.4	47.0	23.4	24.9	26.3	27.8	33.3	38.8	44.3	49.8	54.5	30.0	31.4	32.9	34.3	39.8	45.3	50.9	56.4	61.9	0.4	1.2	2.0	2.8	6.8	10.8	14.8	18.8	22.8	3.7	3.7	3.7	3.7
23	40.6	46.5	52.4	58.3	64.2	69.5	74.8	78.9	83.0	44.3	50.2	56.1	62.0	67.9	73.2	78.5	83.8	88.0	48.0	53.9	59.9	65.8	71.7	77.0	82.3	87.6	92.9	71.8	68.0	64.2	60.5	56.7	51.1	45.6	40.0	34.5	85.1	85.1	85.1	85.1
	54.0	44.5	35.0	25.5	16.0	6.4	-3.1	-11.0	-18.9	62.1	52.6	43.1	33.6	24.1	14.5	4.9	-4.5	-12.4	70.2	60.7	51.2	41.7	32.2	22.6	13.0	3.5	-6.0	37.1	27.8	18.4	9.1	-0.1	-7.9	-15.6	-23.4	-31.1	-0.7	-0.7	-0.7	-0.7
	9.5	10.9	12.4	13.8	15.3	20.8	26.3	31.0	35.6	16.1	17.5	19.0	20.4	21.8	27.4	32.9	38.4	43.0	22.6	24.1	25.5	27.0	28.4	33.9	39.4	44.9	50.5	-0.9	-0.1	0.6	1.4	2.1	6.1	10.1	14.1	18.1	4.1	4.1	4.1	4.1
24	40.6	46.5	52.4	58.3	64.2	70.1	75.4	79.5	83.6	44.3	50.2	56.1	62.0	68.0	73.9	79.2	84.5	88.6	48.1	54.0	59.9	65.8	71.7	77.6	82.9	88.2	93.5	65.9	62.1	58.3	54.6	50.8	47.0	41.5	35.9	30.3	90.3	90.3	90.3	90.3
	55.3	45.8	36.2	26.7	17.2	7.7	-1.8	-9.7	-17.6	63.4	53.9	44.3	34.8	25.3	15.8	6.2	-3.2	-11.2	71.5	62.0	52.4	42.9	33.4	23.9	14.3	4.7	-4.7	46.6	37.3	28.0	18.6	9.3	0.0	-7.7	-15.5	-23.2	-0.8	-0.8	-0.8	-0.8
	2.1	3.6	5.0	6.5	7.9	9.4	14.9	19.5	24.2	8.7	10.2	11.6	13.0	14.5	15.9	21.4	27.0	31.6	15.3	16.7	18.2	19.6	21.1	22.5	28.0	33.5	39.0	-2.4	-1.6	-0.8	0.0	0.7	1.5	5.5	9.5	13.5	4.4	4.4	4.4	4.4
25	40.6	46.5	52.4	58.3	64.2	70.2	76.1	80.2	84.3	44.3	50.3	56.2	62.1	68.0	73.9	79.8	85.1	89.2	48.1	54.0	59.9	65.8	71.7	77.6	83.5	88.8	94.1	59.9	56.2	52.4	48.7	44.9	41.1	37.4	31.8	26.2	95.4	95.4	95.4	95.4
	56.5	47.0	37.5	28.0	18.4	8.9	-0.5	-8.5	-16.4	64.6	55.1	45.6	36.1	26.5	17.0	7.5	-2.0	-9.9	72.7	63.2	53.7	44.1	34.6	25.1	15.6	6.0	-3.4	56.1	46.8	37.5	28.1	18.8	9.5	0.1	-7.5	-15.3	-0.9	-0.9	-0.9	-0.9
	-5.1	-3.7	-2.2	-0.8	0.6	2.0	3.4	8.1	12.7	1.4	2.8	4.2	5.7	7.1	8.6	10.0	15.5	20.2	7.9	9.4	10.8	12.2	13.7	15.1	16.6	22.1	27.6	-3.8	-3.0	-2.2	-1.4	-0.6	0.0	0.8	4.8	8.8	4.8	4.8	4.8	4.8
26	41.6	47.5	53.4	59.3	65.2	71.1	77.0	81.1	85.2	44.4	50.3	56.2	62.1	68.0	73.9	79.8	85.7	89.8	48.1	54.0	59.9	65.8	71.7	77.7	83.6	89.5	94.8	54.0	50.3	46.5	42.7	39.0	35.2	31.5	27.7	22.1	18.0	47.9	90.4	50.9
	60.4	50.9	41.3	31.8	22.3	12.8	3.3	-4.4	-12.3	65.9	56.3	46.8	37.3	27.8	18.2	8.7	-0.7	-8.6	73.9	64.4	54.9	45.4	35.9	26.3	16.8	7.3	-2.2	65.7	56.3	47.0	37.7	28.3	19.0	9.7	0.3	-7.3	0.5	65.3	-11.1	-62.9
	-10.6	-9.2	-7.7	-6.3	-4.8	-3.4	-1.9	-1.7	2.8	-5.9	-4.5	-3.0	-1.6	-0.1	1.2	2.7	4.1	8.8	0.6	2.0	3.4	4.9	6.3	7.8	9.2	10.7	16.2	-5.3	-4.5	-3.7	-2.9	-2.1	-1.3	-0.5	0.2	4.2	-0.4	52.1	96.2	36.7
27	42.5	48.4	54.3	60.3	66.2	72.1	78.0	82.1	86.2	45.3	51.2	57.1	63.1	69.0	74.9	80.8	86.7	90.8	48.1	54.0	59.9	65.9	71.8	77.7	83.6	89.5	95.4	48.1	44.4	40.6	36.8	33.1	29.3	25.5	21.8	18.0	95.4	58.6	25.7	48.1
	64.3	54.7	45.2	35.7	26.2	16.6	7.1	-0.5	-8.3	69.7	60.2	50.7	41.2	31.6	22.1	12.6	3.1	-4.6	75.2	65.7	56.1	46.6	37.1	27.6	18.1	8.5	-0.9	75.2	65.9	56.5	47.2	37.8	28.5	19.2	9.8	0.5	-0.9	-30.5	31.4	75.2
	-16.1	-14.6	-13.2	-11.8	-10.3	-8.9	-7.4	-7.2	-7.0	-11.4	-9.9	-8.5	-7.1	-5.6	-4.2	-2.7	-1.3	-1.1	-6.7	-5.3	-3.8	-2.4	-0.9	0.4	1.9	3.3	4.8	-6.7	-5.9	-5.1	-4.3	-3.5	-2.7	-2.0	-1.2	-0.4	4.8	-42.6	-44.3	-6.7

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* **= 16 hues** ***r00j, r25j, ..., b75r***
contrast reduction factor:
$c_R = 1.0$

ORS18_95aM; adapted (a) CIELAB data

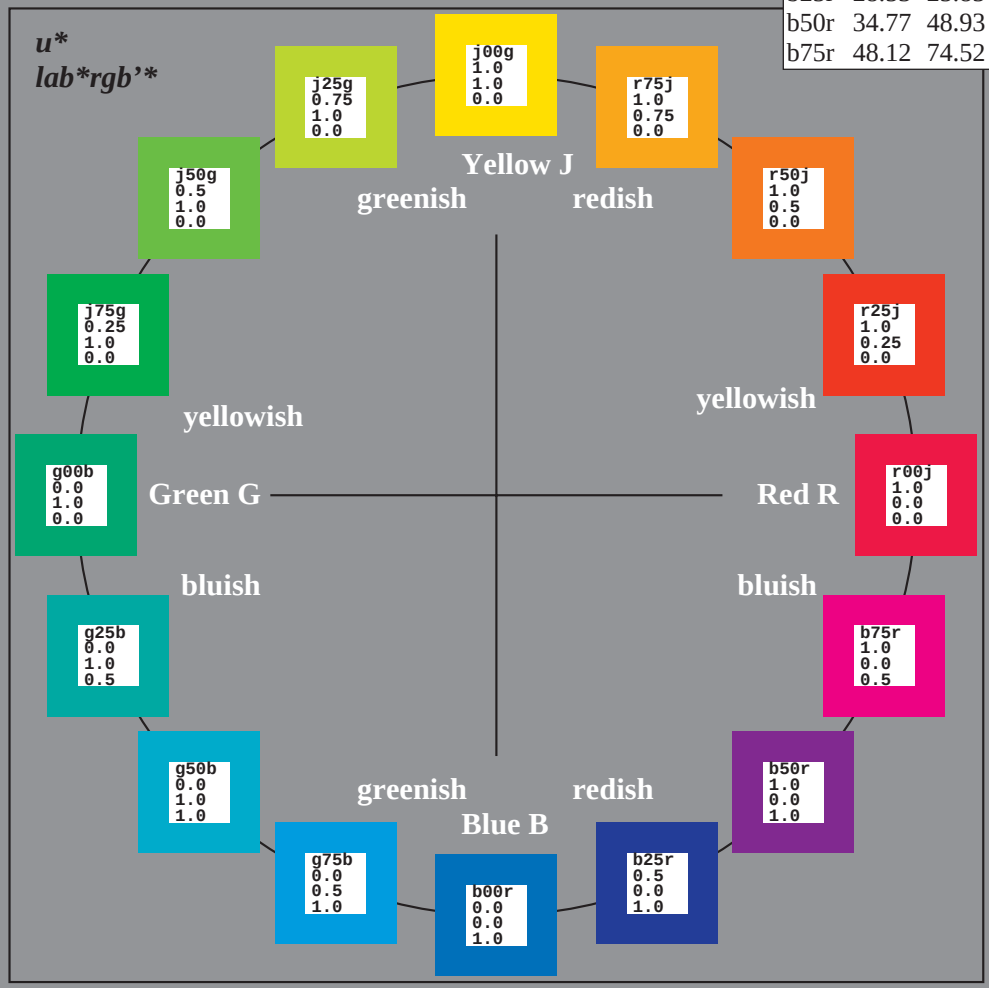
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

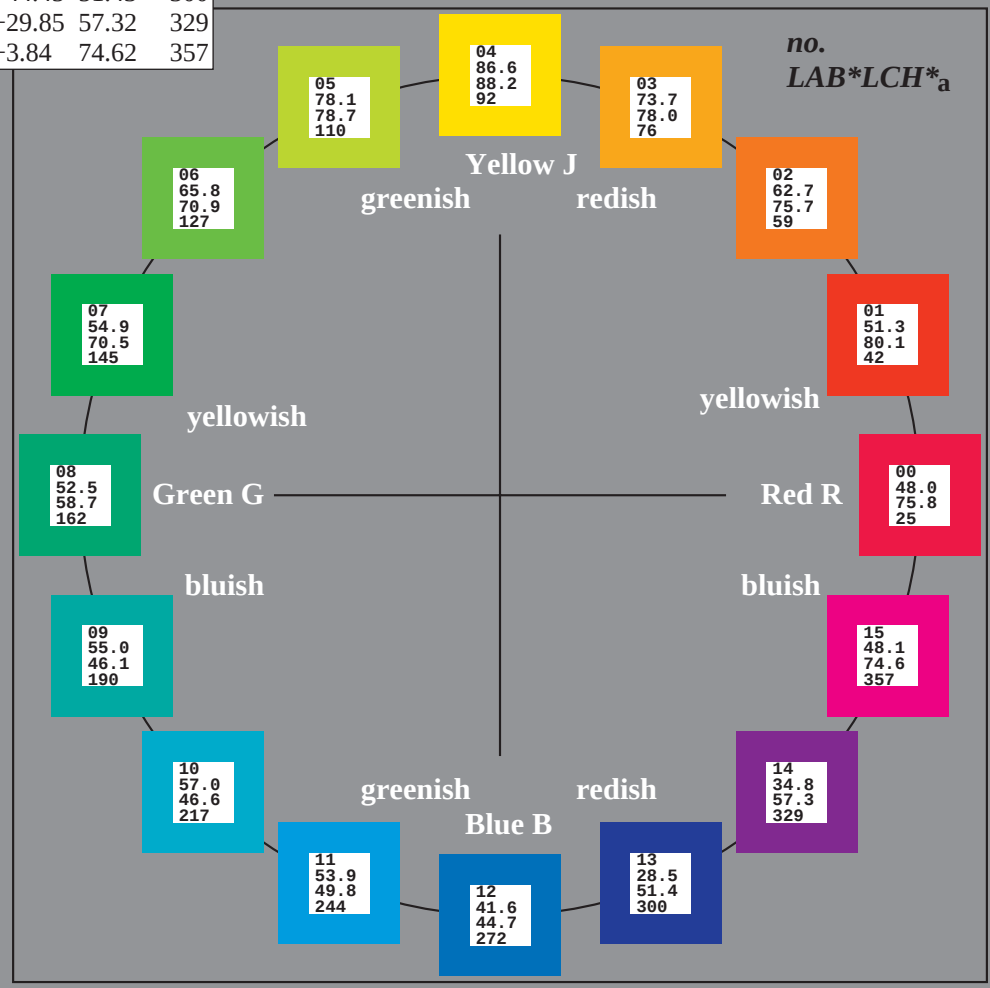


%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

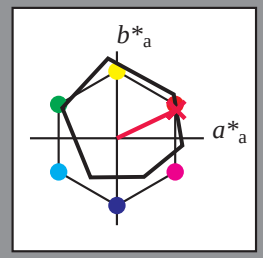




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

$u^* = r00j$
$lab^*rgb'^*$

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r00j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

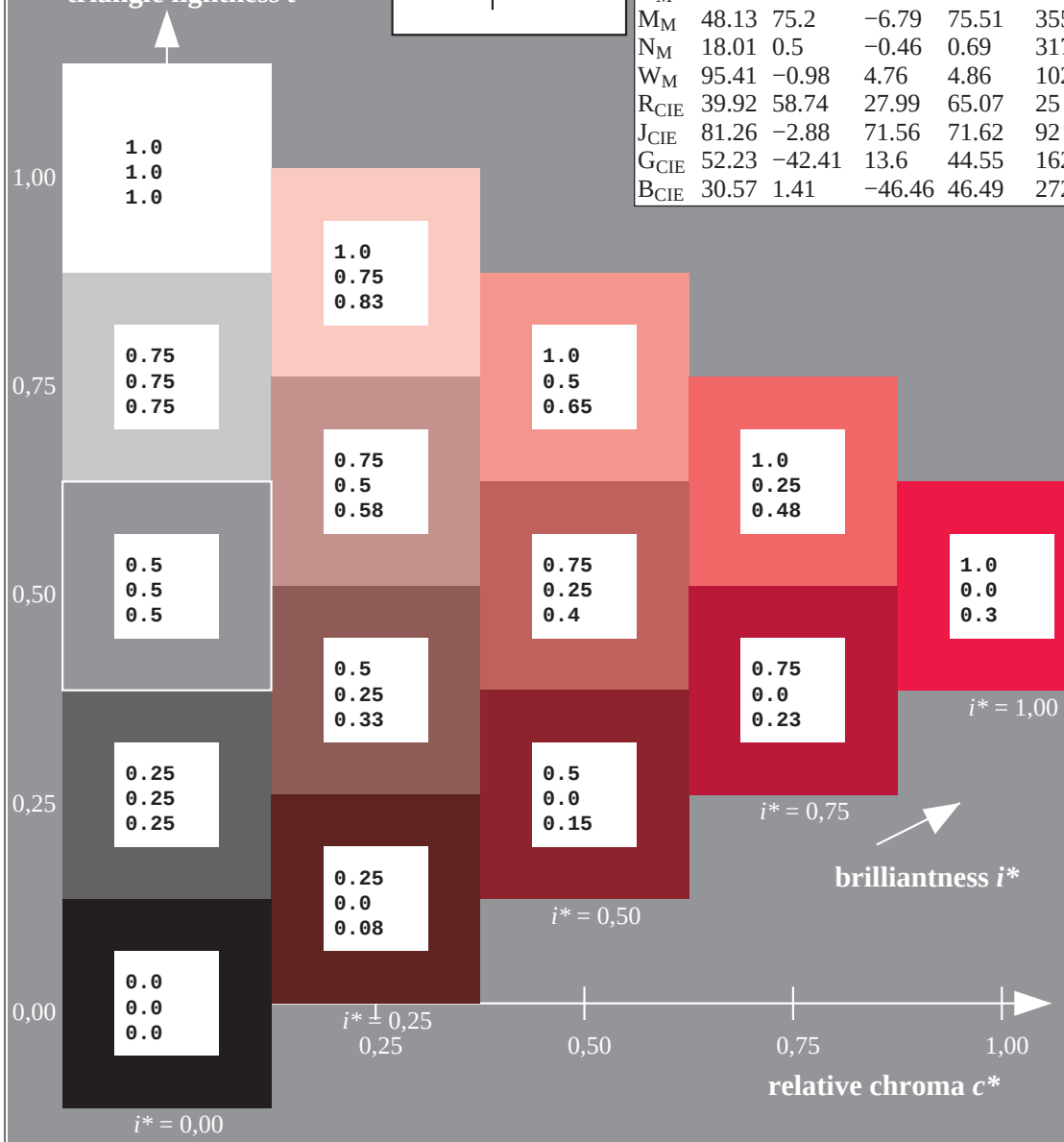
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	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

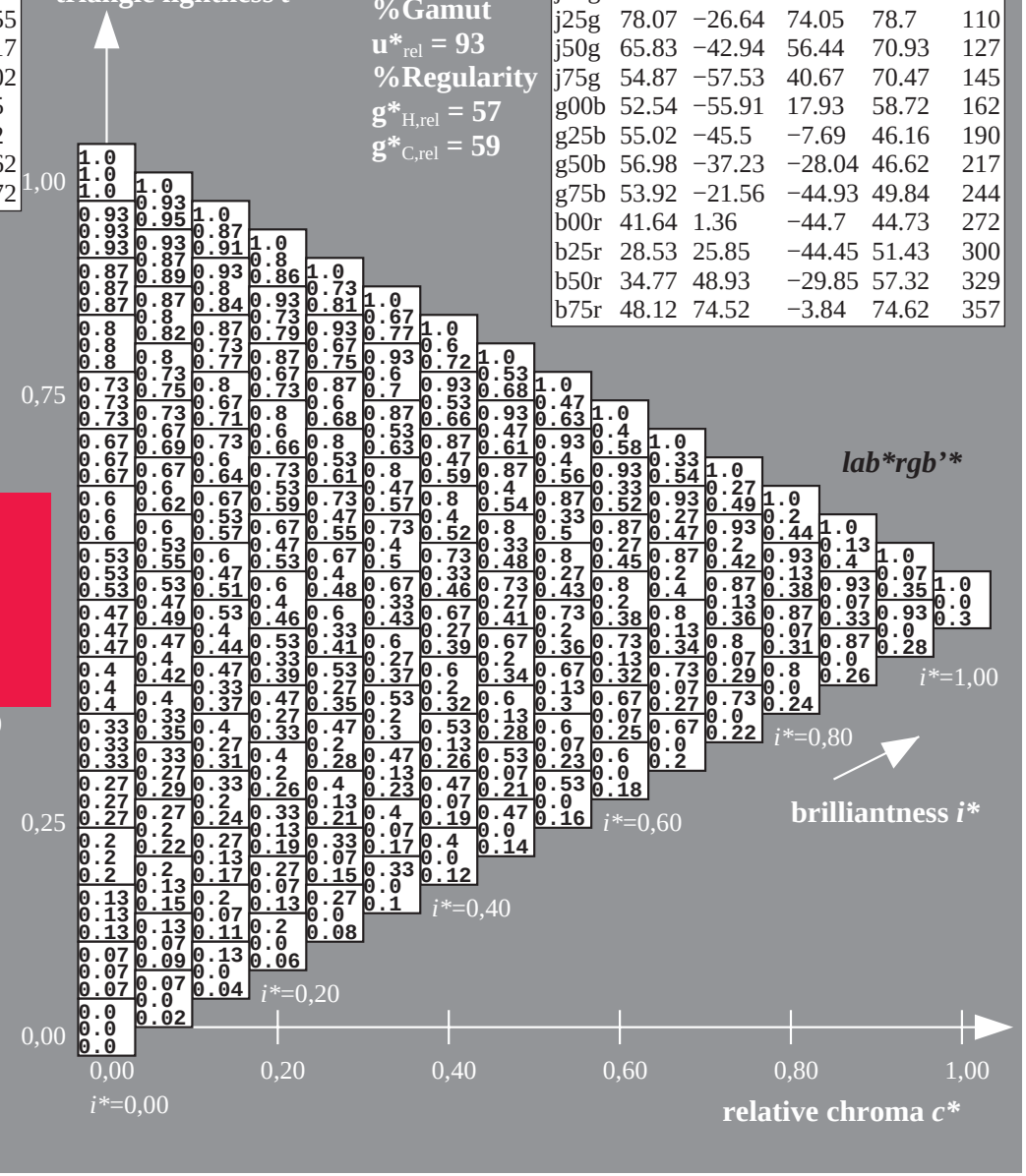
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 48 68 33**
***LAB*LCH**$_{Ma}$: 48 76 25**
***lab*rgb**$_{Ma}$: 1.0 0.0 0.0**
***lab*olv**$_{Ma}$: 1.0 0.0 0.3**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

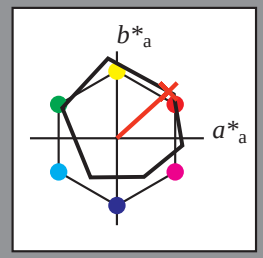




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

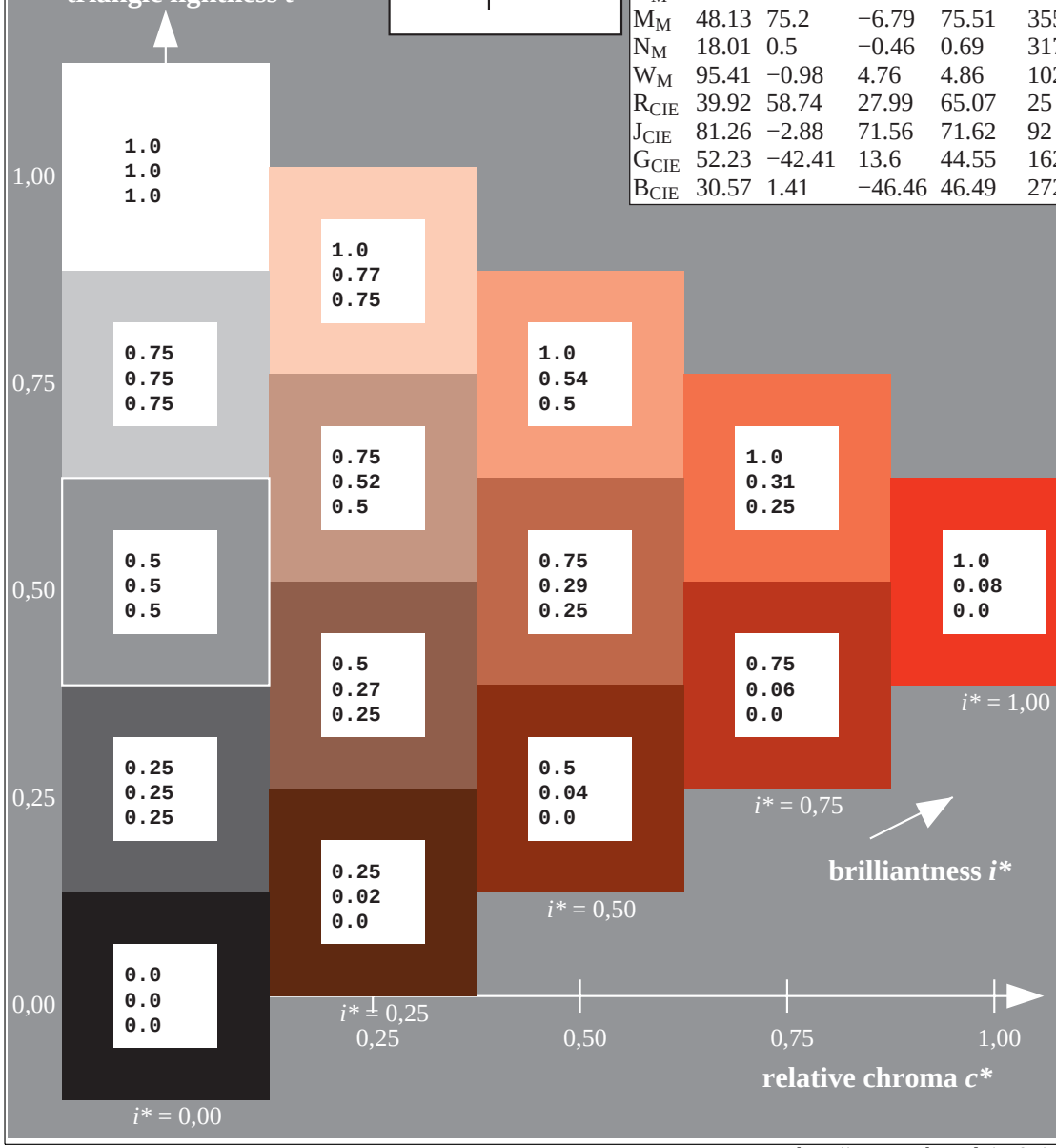
Data for maximum colour (Ma):

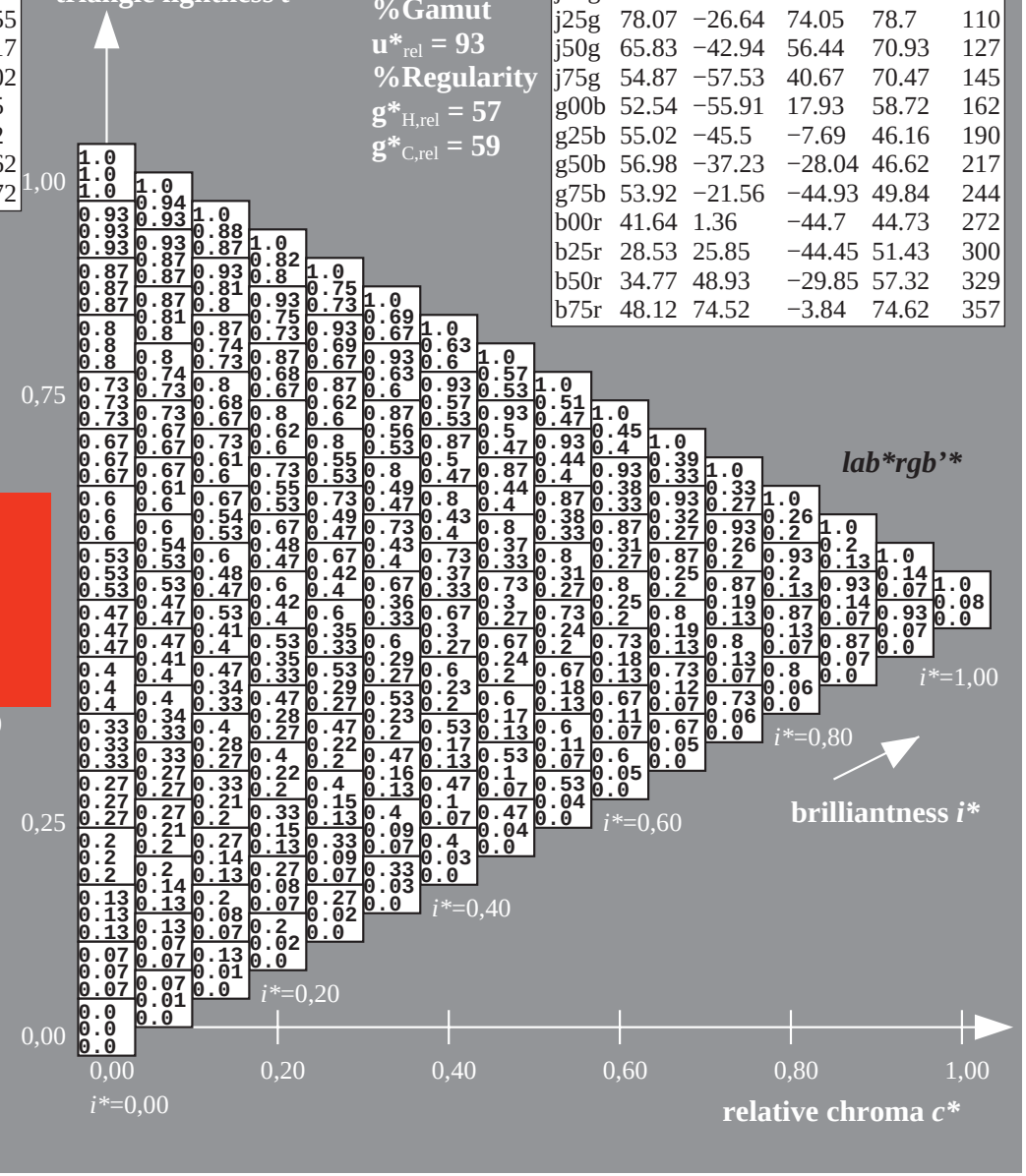
$LAB^*LAB^*_{Ma}$: 51 59 54
$LAB^*LCH^*_{Ma}$: 51 80 42
$lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
$lab^*olv^*_{Ma}$: 1.0 0.08 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

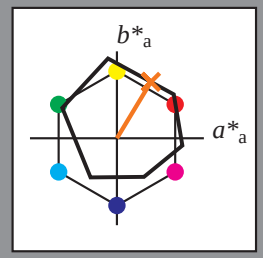




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

$u^* = r50j$
$lab^*rgb'^*$

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

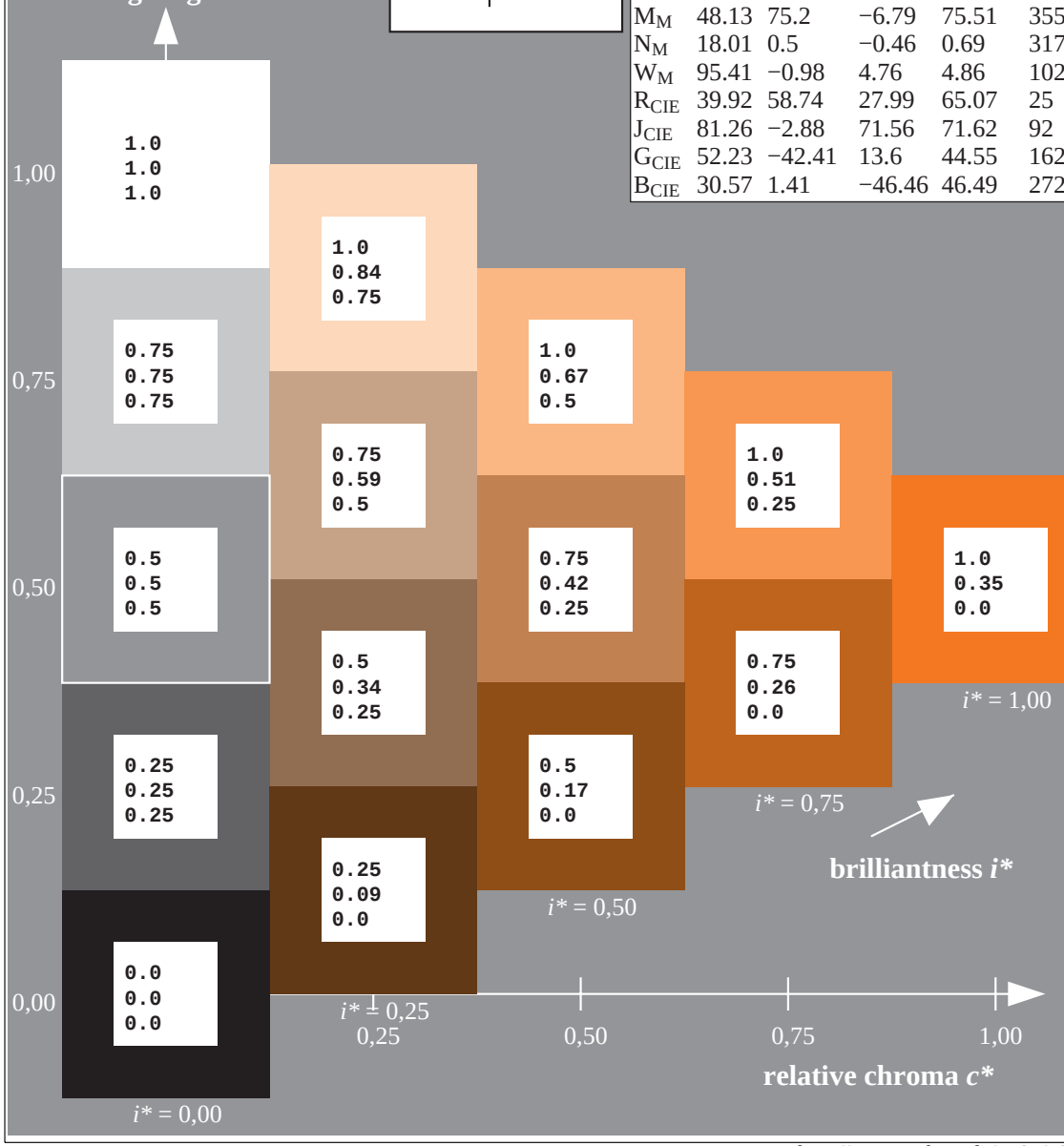
Data for maximum colour (Ma):

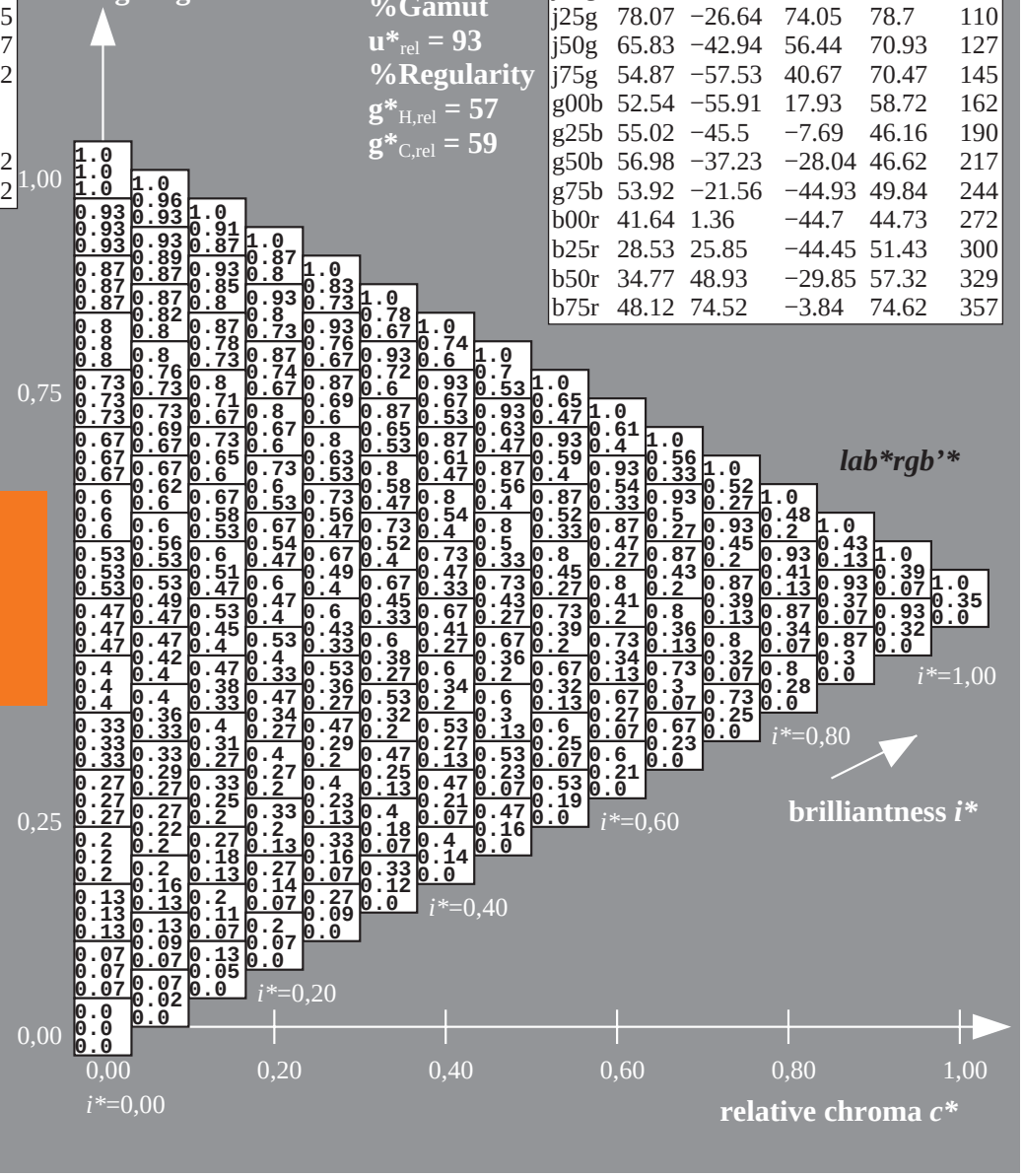
$LAB^*LAB^*_{Ma}$: 63 39 65
$LAB^*LCH^*_{Ma}$: 63 76 59
$lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
$lab^*olv^*_{Ma}$: 1.0 0.35 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

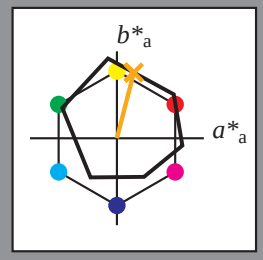




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

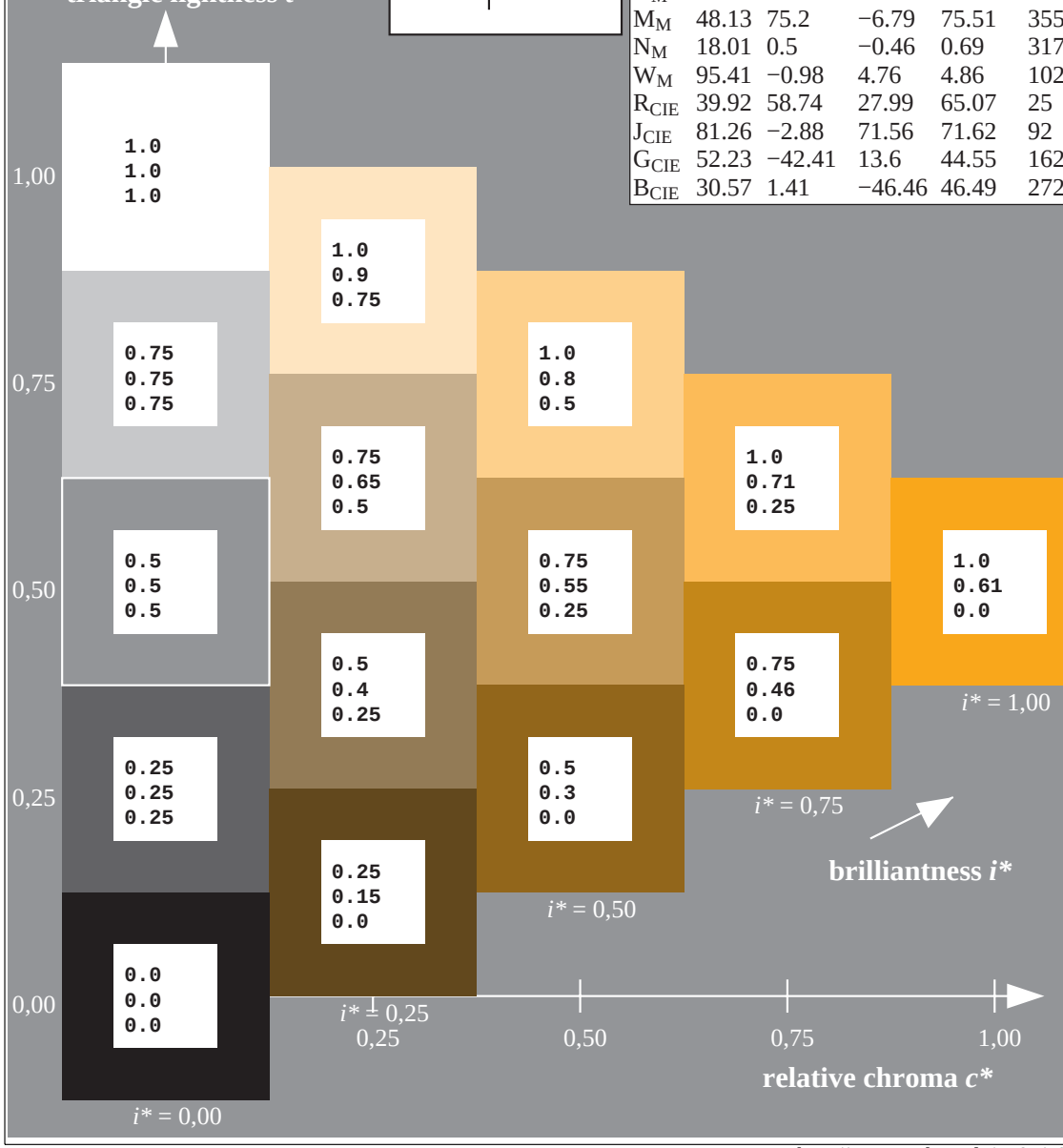
Data for maximum colour (Ma):

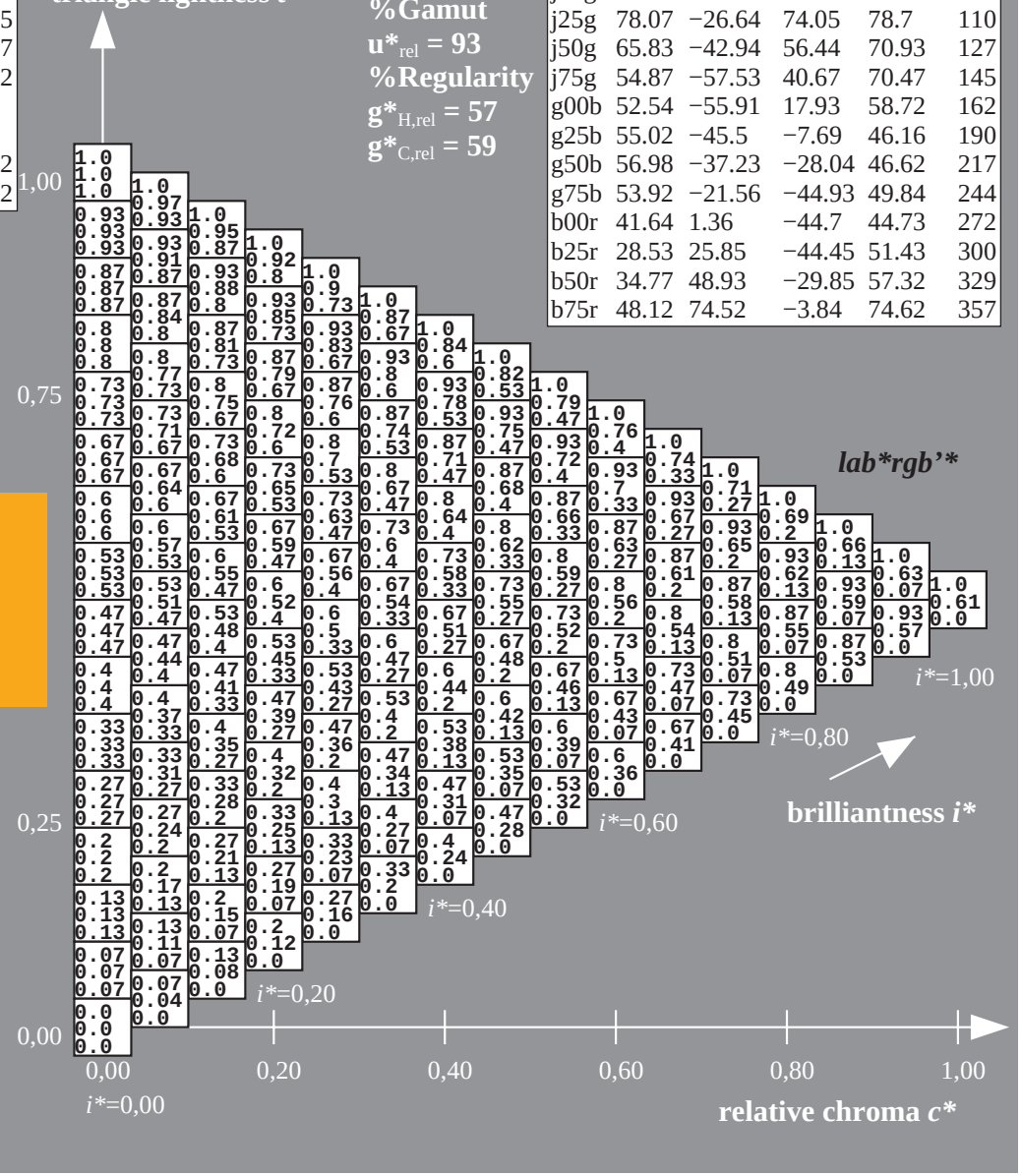
$LAB^*LAB^*_{Ma}$: 74 19 76
$LAB^*LCH^*_{Ma}$: 74 78 76
$lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
$lab^*olv^*_{Ma}$: 1.0 0.61 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

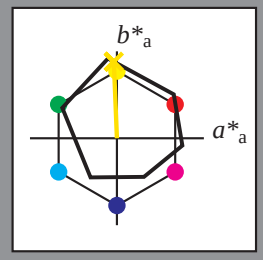




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

$u^* = j00g$
$lab^*rgb'^*$

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j00g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

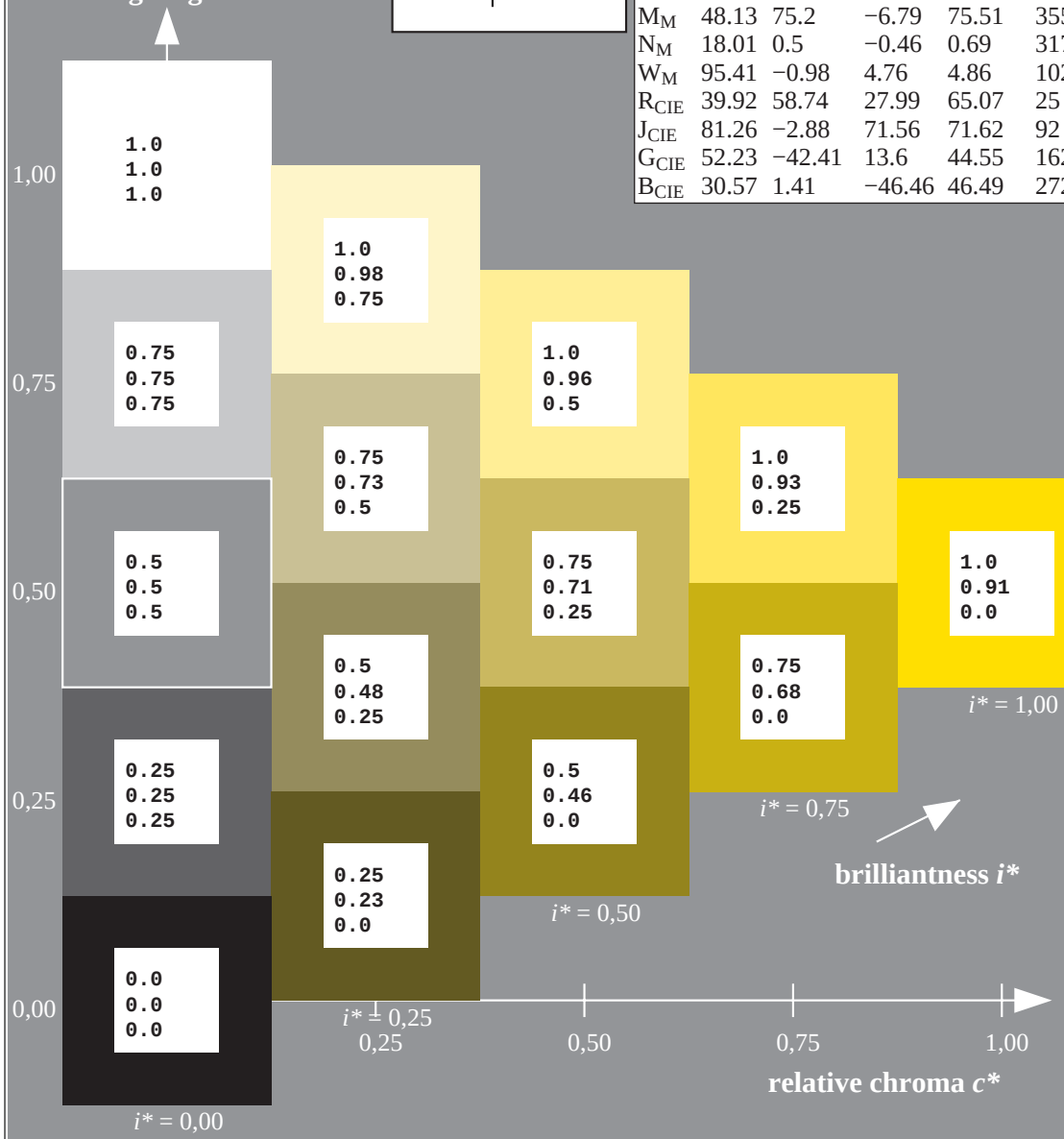
Data for maximum colour (Ma):

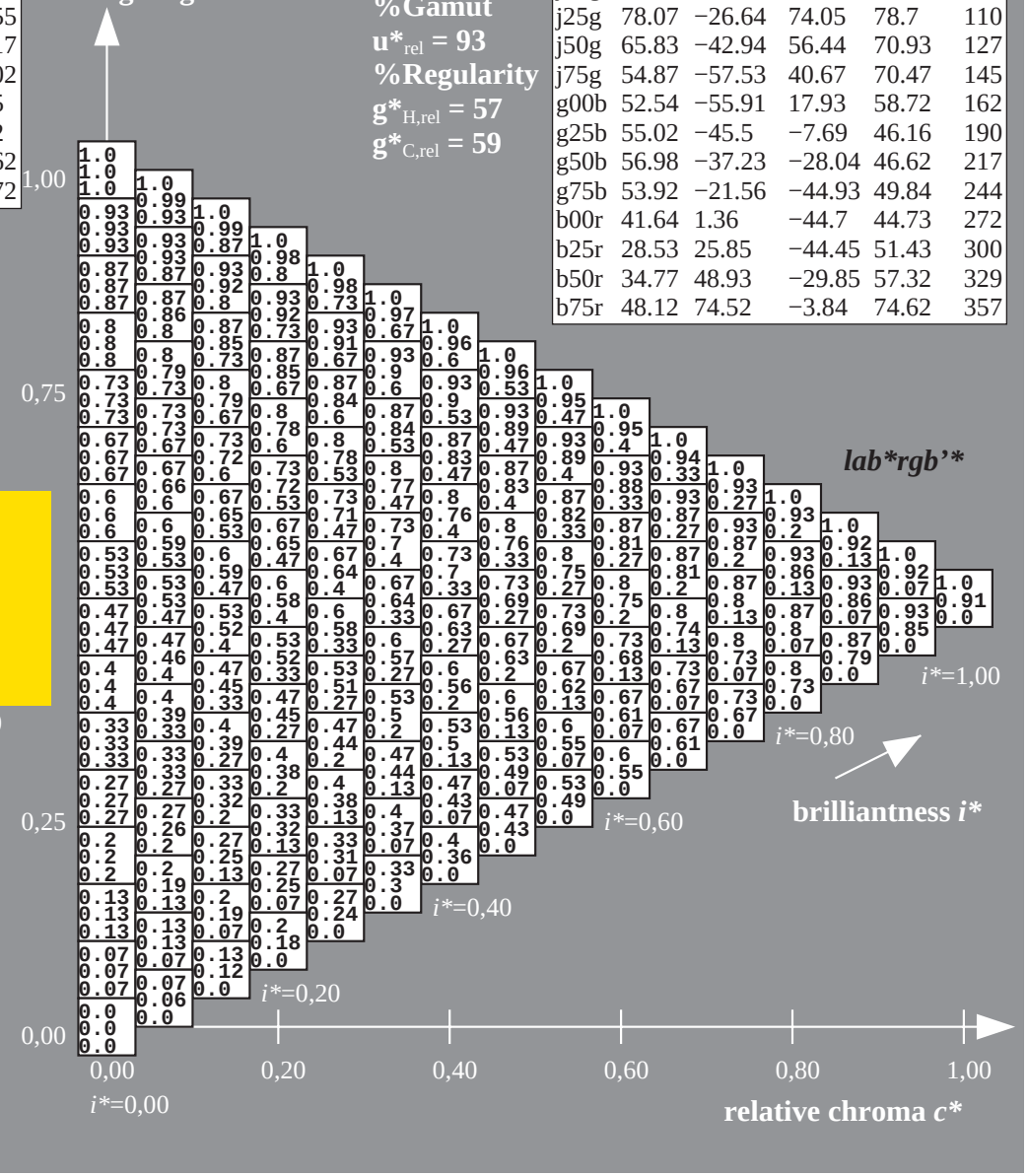
$LAB^*LAB^*_{Ma}$: 87 −3 88
$LAB^*LCH^*_{Ma}$: 87 88 92
$lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
$lab^*olv^*_{Ma}$: 1.0 0.91 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

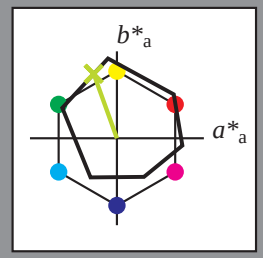




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 −26 74

$LAB^*LCH^*_{Ma}$: 78 79 110

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

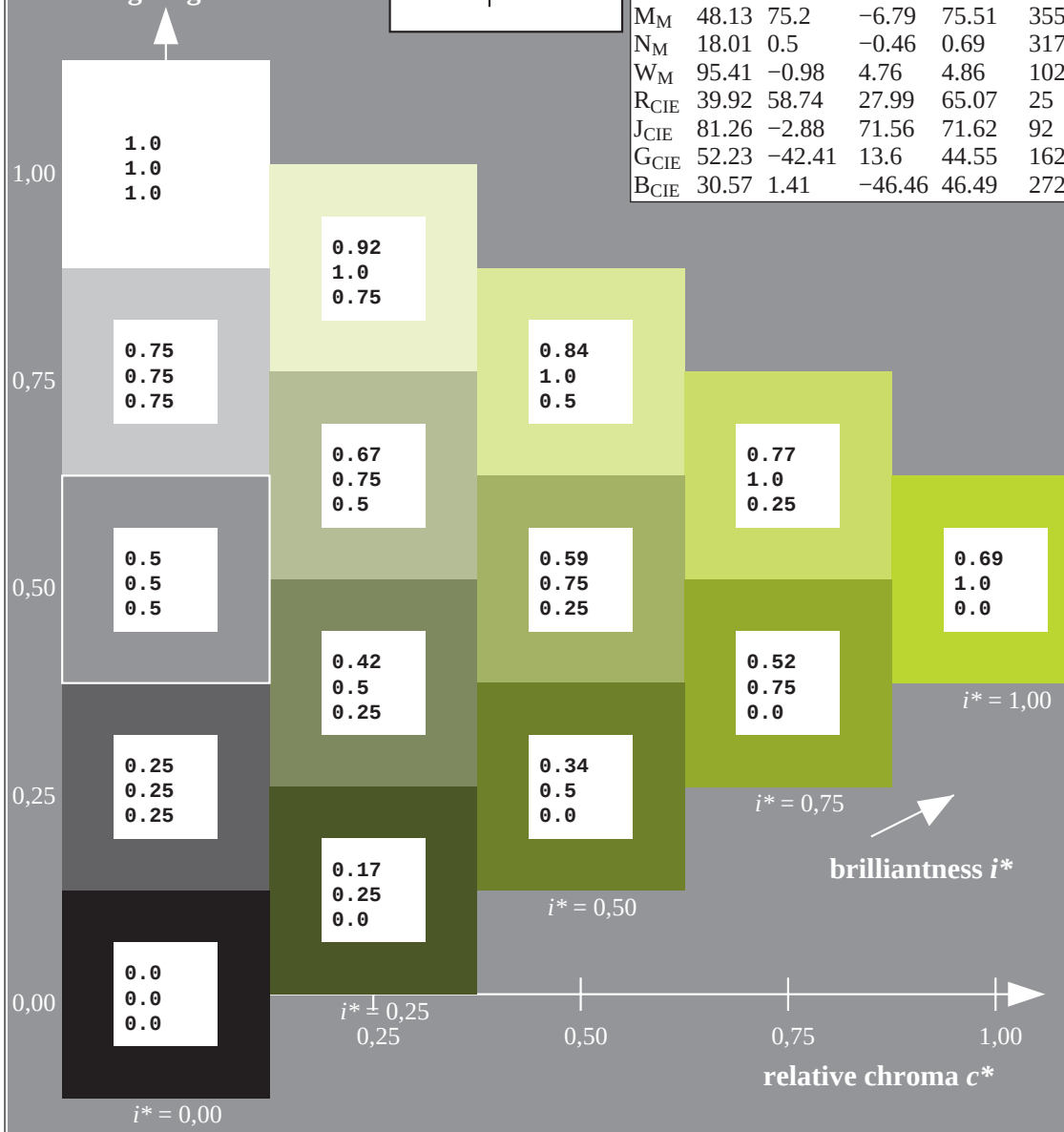
$lab^*olv^*_{Ma}$: 0.69 1.0 0.0

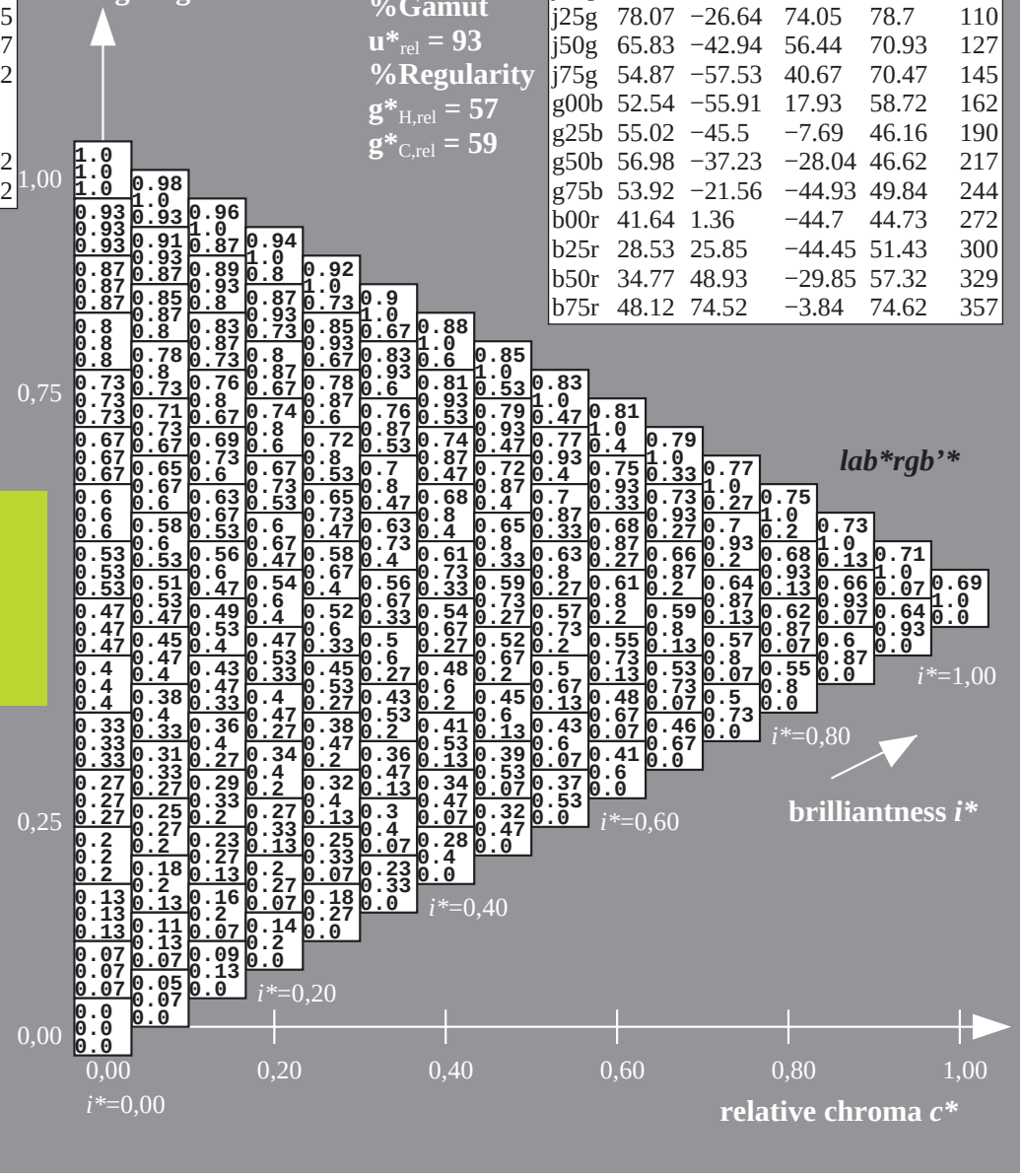
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

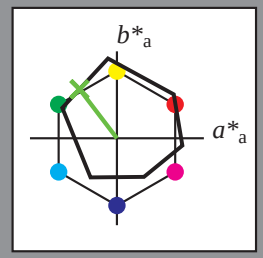




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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):

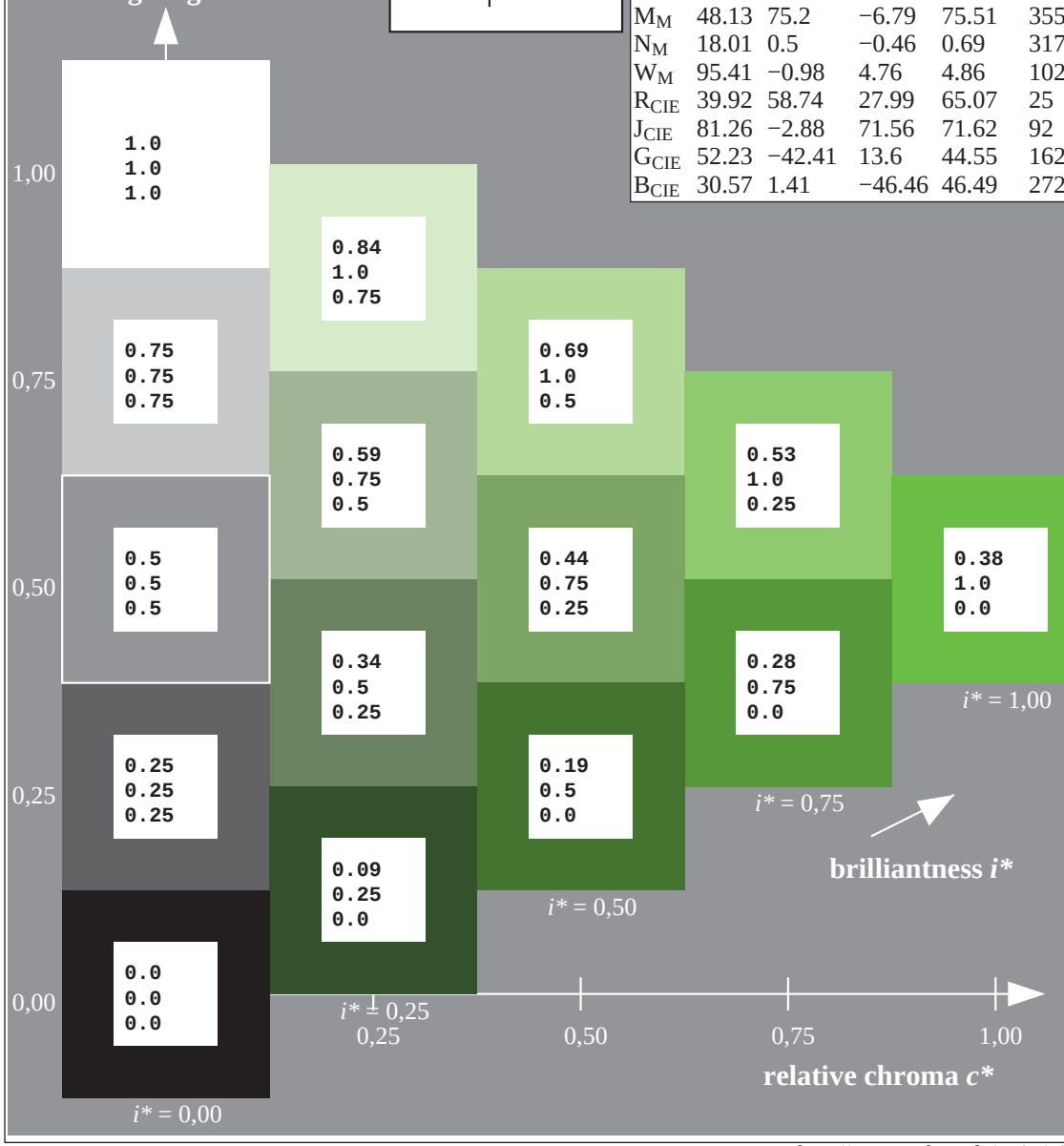
$LAB^*LAB^*_{Ma}$: 66 −42 56
$LAB^*LCH^*_{Ma}$: 66 71 127
$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
$lab^*olv^*_{Ma}$: 0.38 1.0 0.0

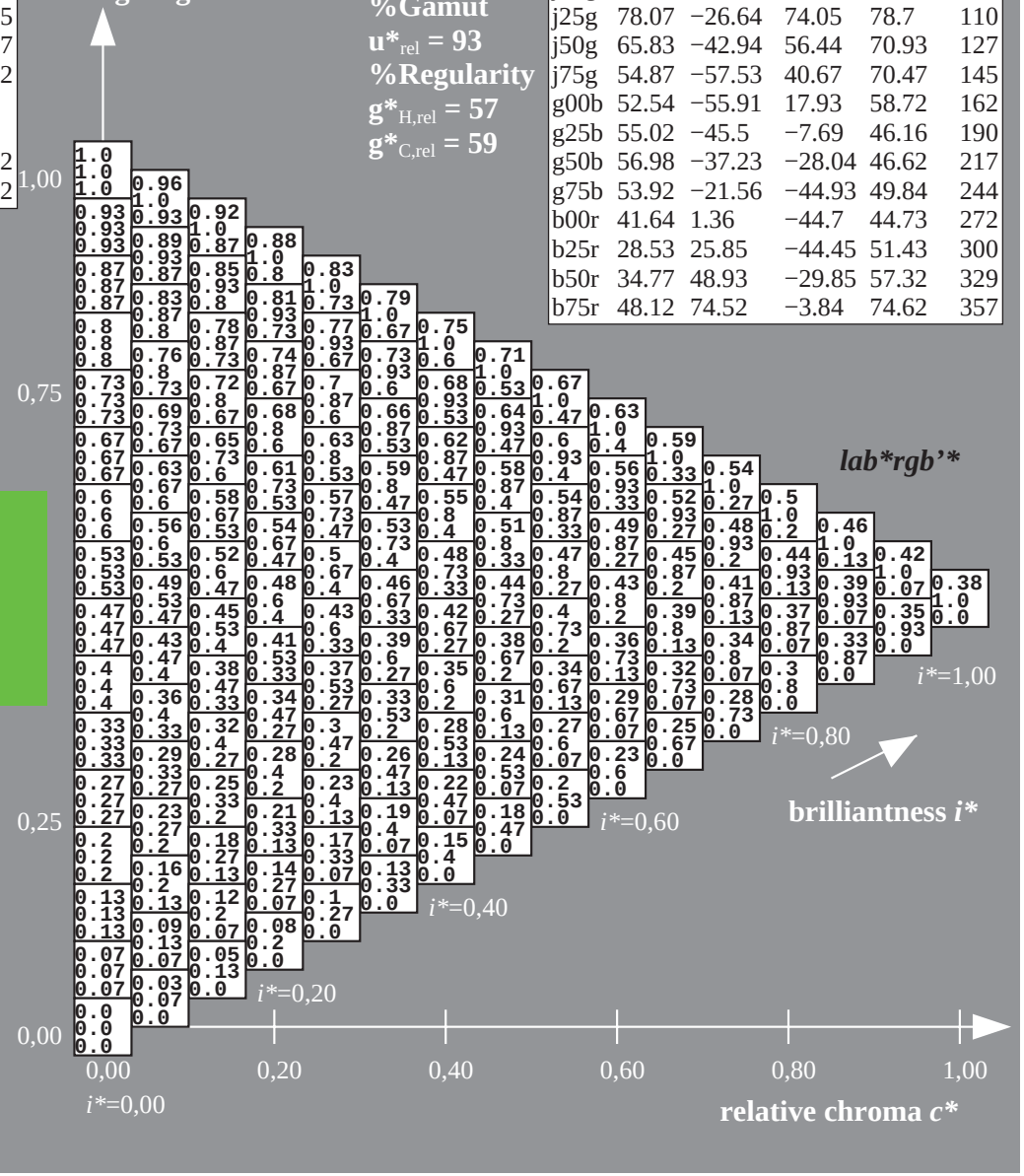
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

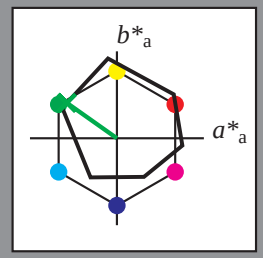




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

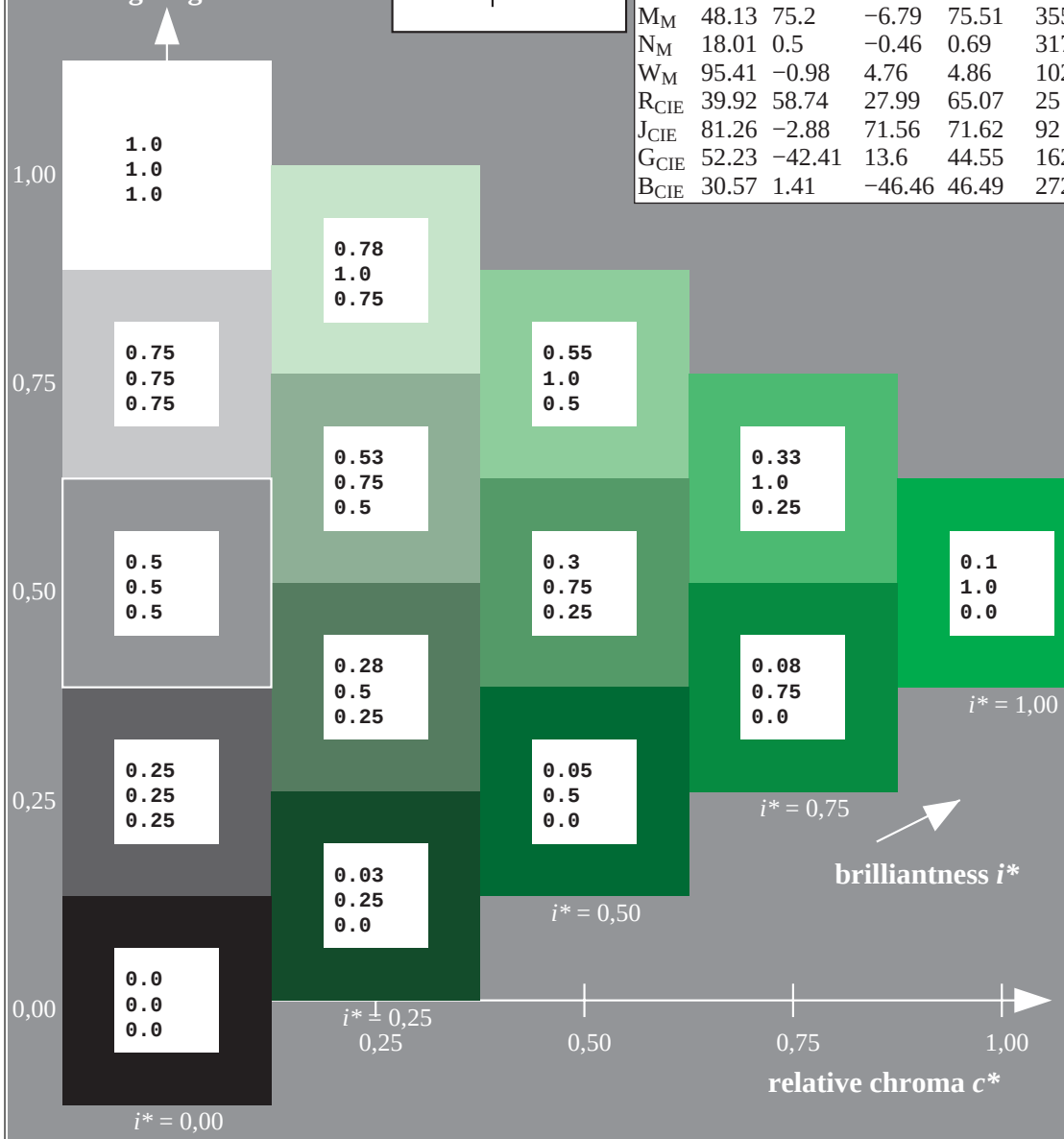
Data for maximum colour (Ma):

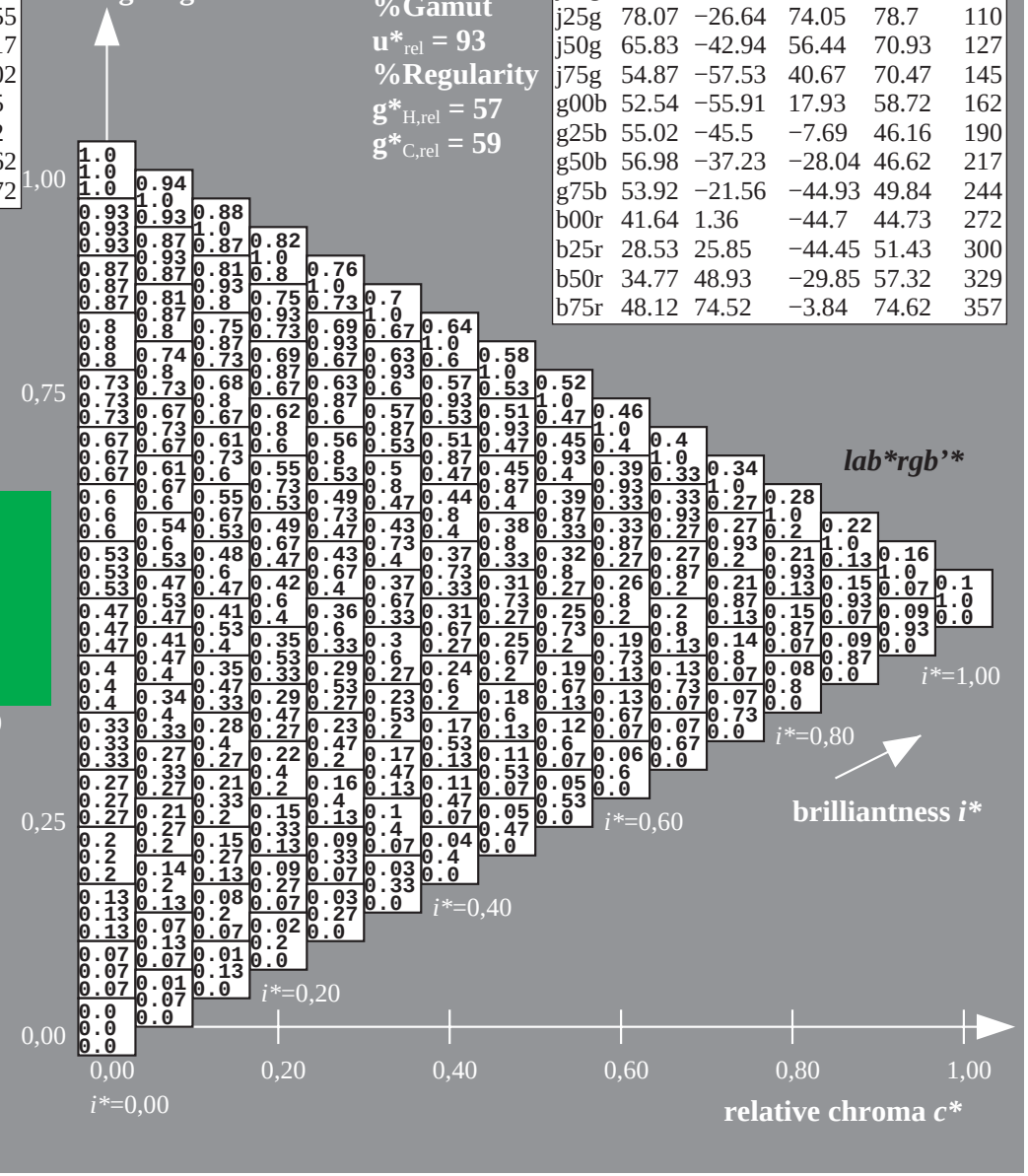
$LAB^*LAB^*_{Ma}$: 55 −57 41
$LAB^*LCH^*_{Ma}$: 55 70 145
$lab^*rgb^*_{Ma}$: 0.25 1.0 0.0
$lab^*olv^*_{Ma}$: 0.1 1.0 0.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

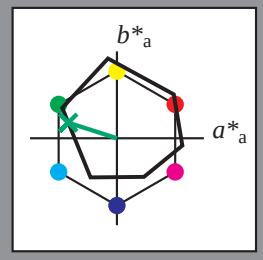




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

$u^* = g00b$
$lab^*rgb'^*$

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
u* = g00b
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS18_95aM; CIELAB data

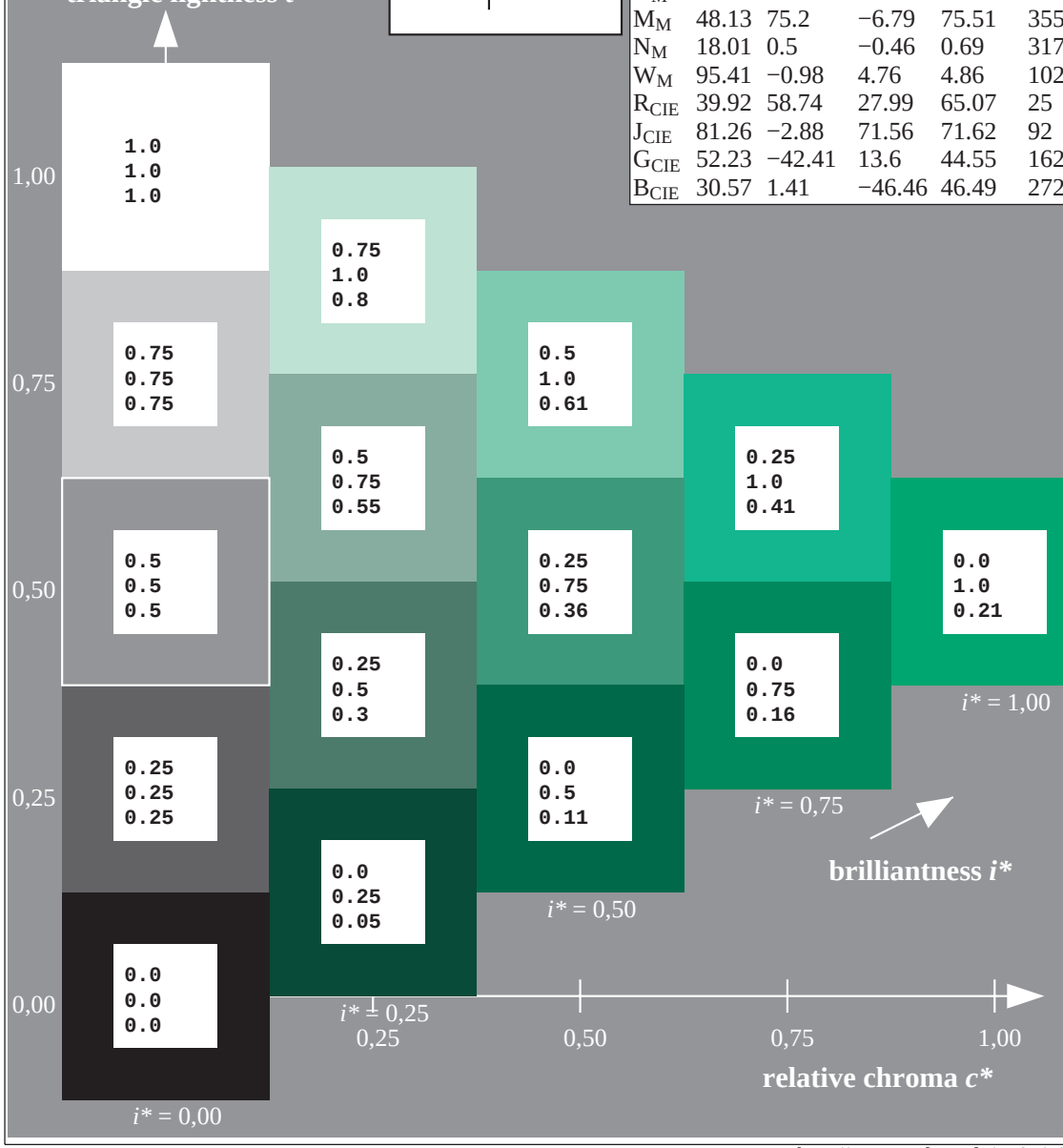
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	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

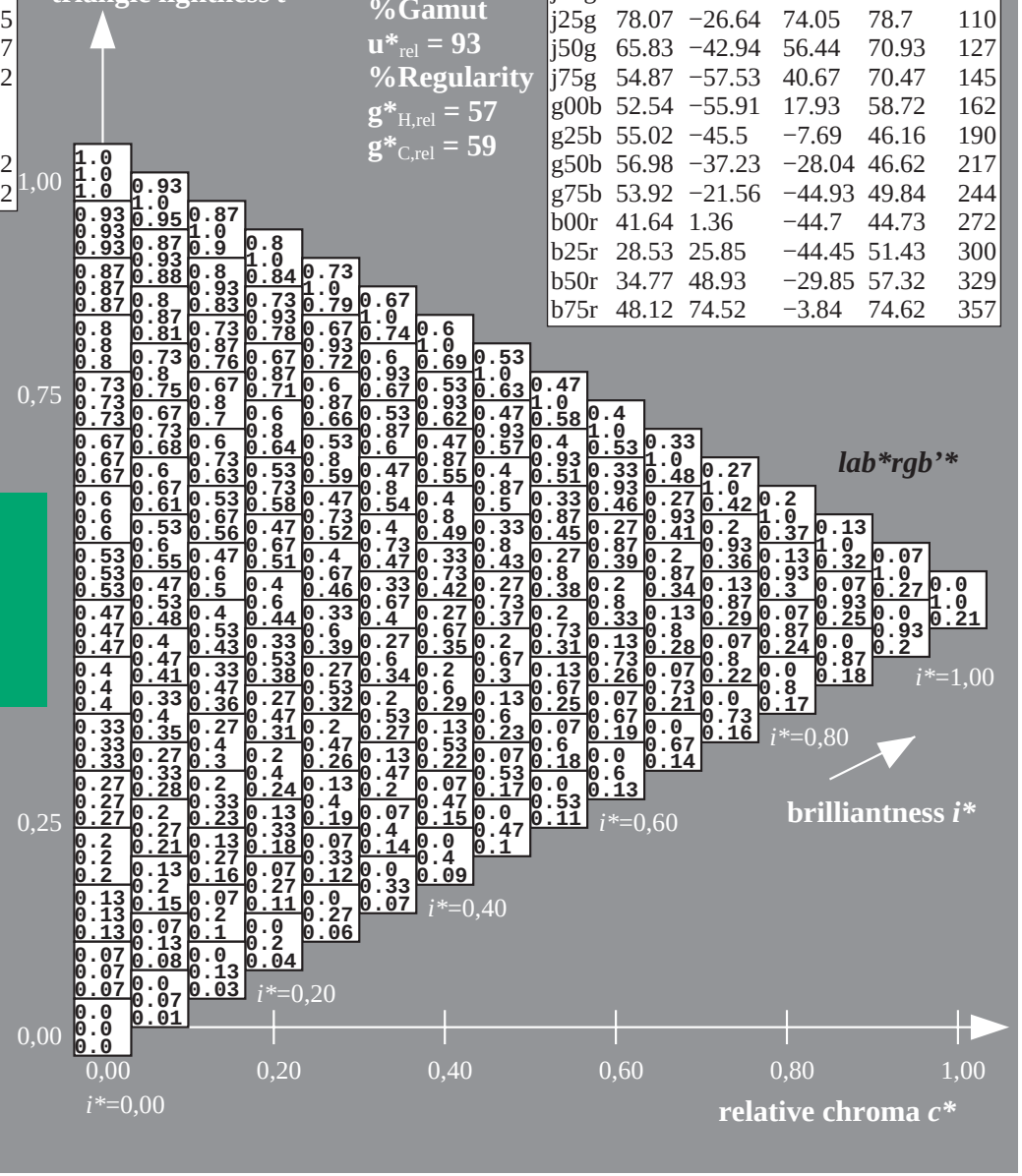
Data for maximum colour (Ma):
***LAB*LAB**$_{Ma}$: 53 −55 18**
***LAB*LCH**$_{Ma}$: 53 59 162**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.0**
***lab*olv**$_{Ma}$: 0.0 1.0 0.21**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

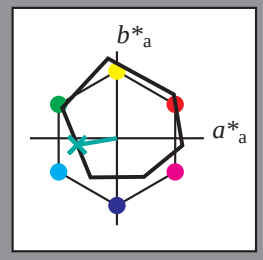




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

$u^* = g25b$
$lab^*rgb'^*$

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = g25b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

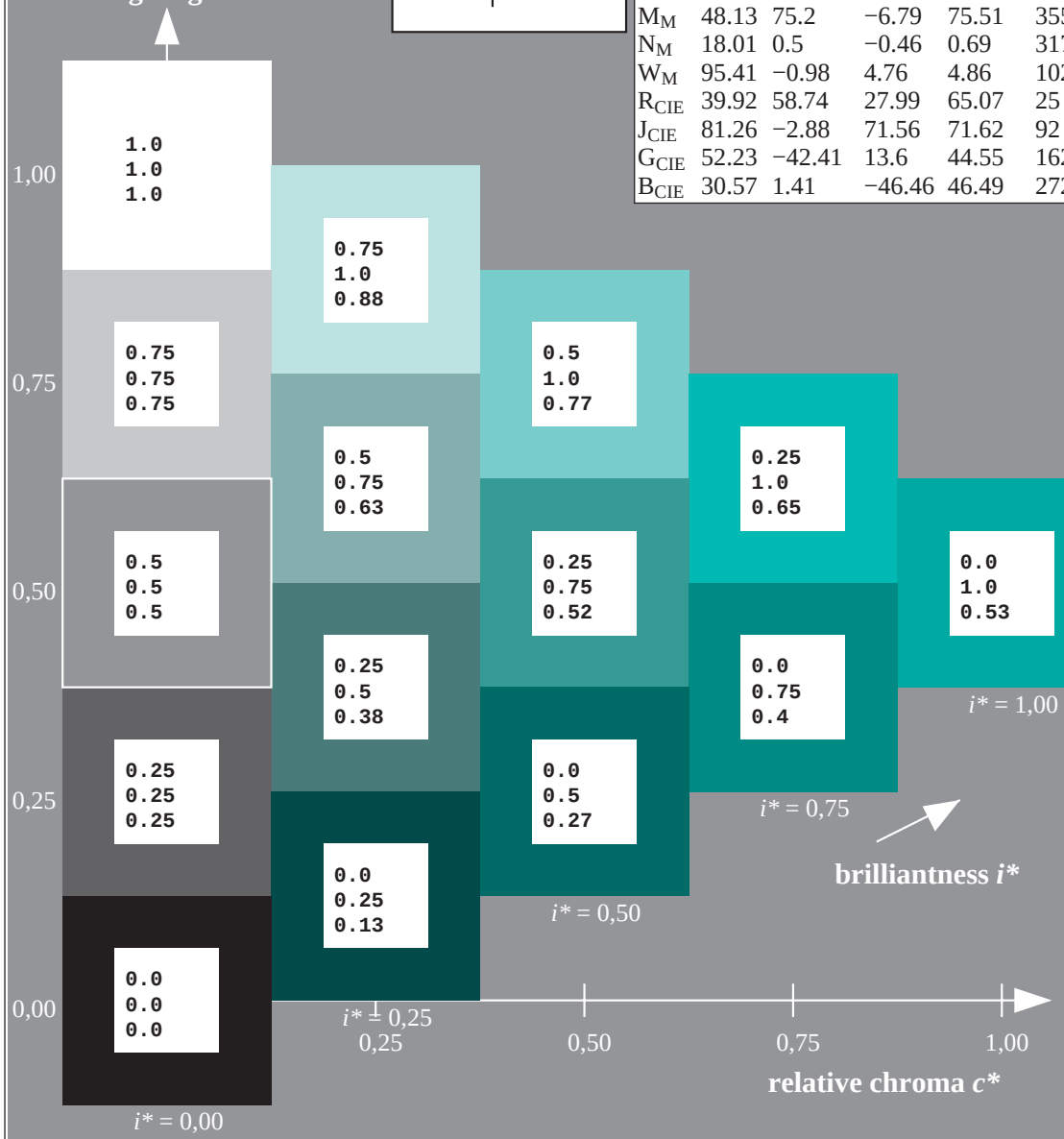
Data for maximum colour (Ma):

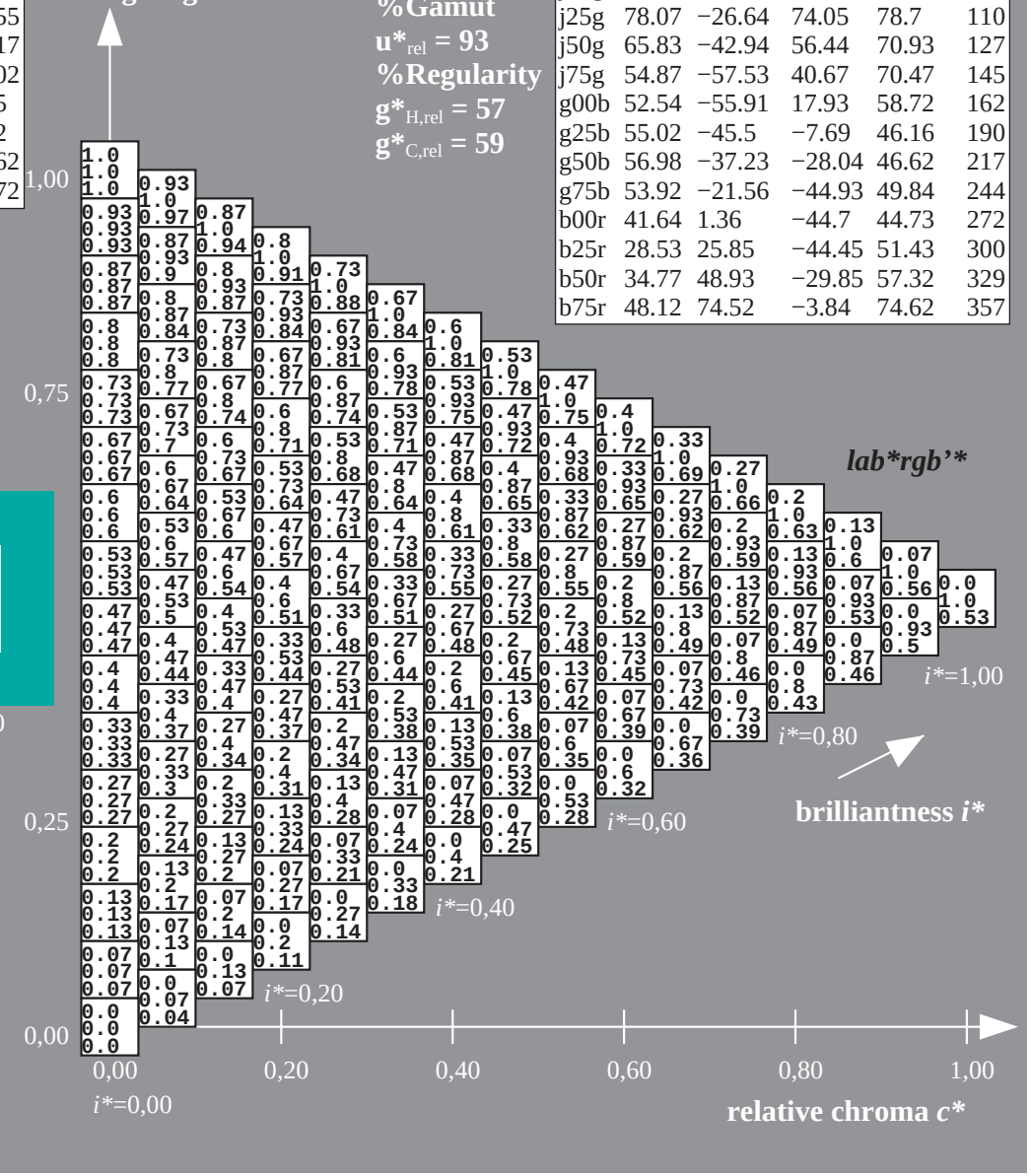
***LAB*LAB**$_{Ma}$: 55 −45 −7**
***LAB*LCH**$_{Ma}$: 55 46 190**
***lab*rgb**$_{Ma}$: 0.0 1.0 0.5**
***lab*olv**$_{Ma}$: 0.0 1.0 0.53**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

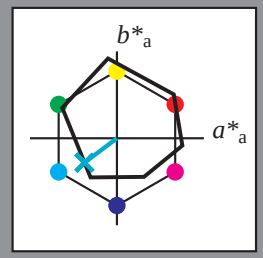




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

$u^* = g50b$
$lab^*rgb'^*$

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = g50b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

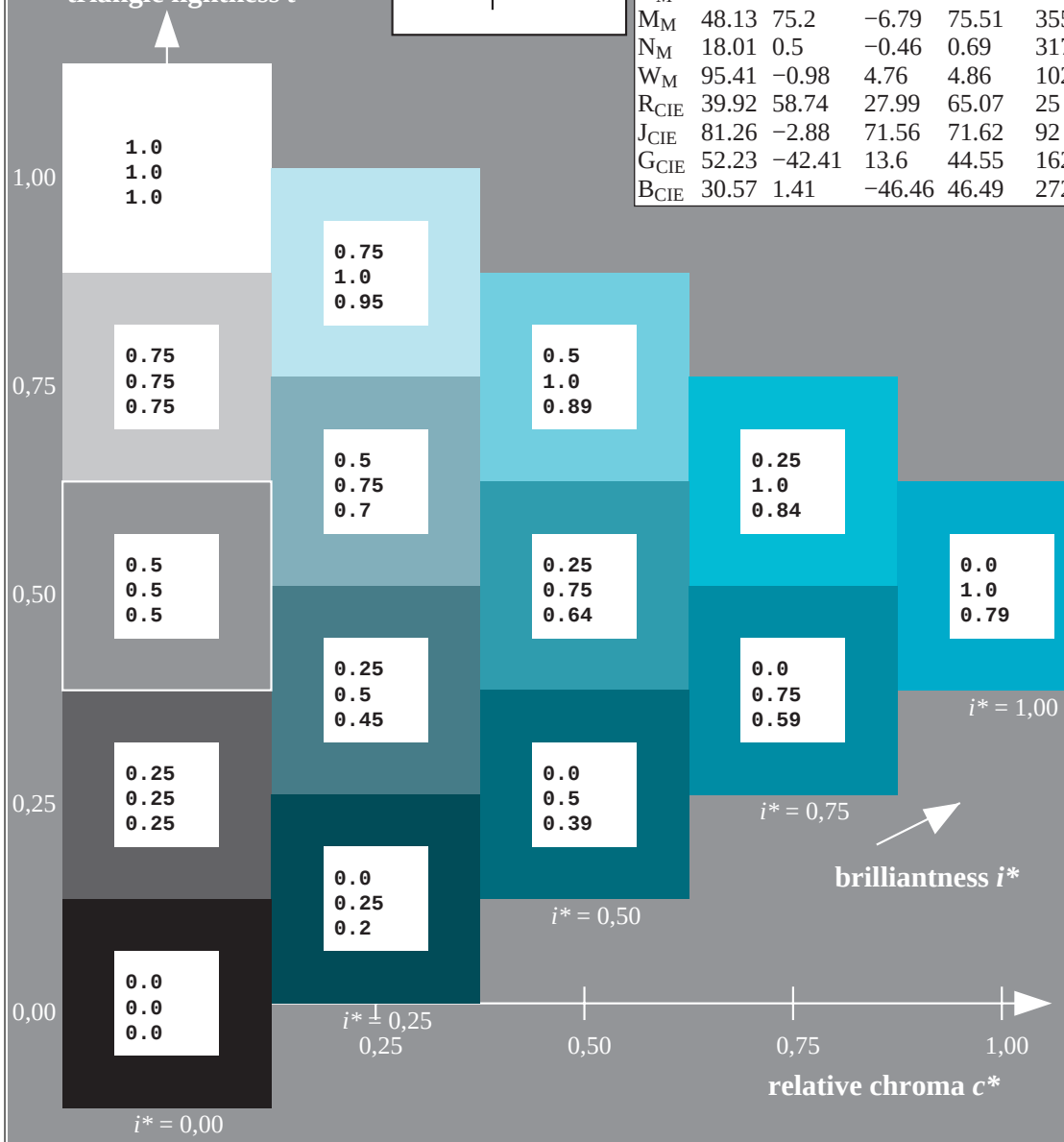
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	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

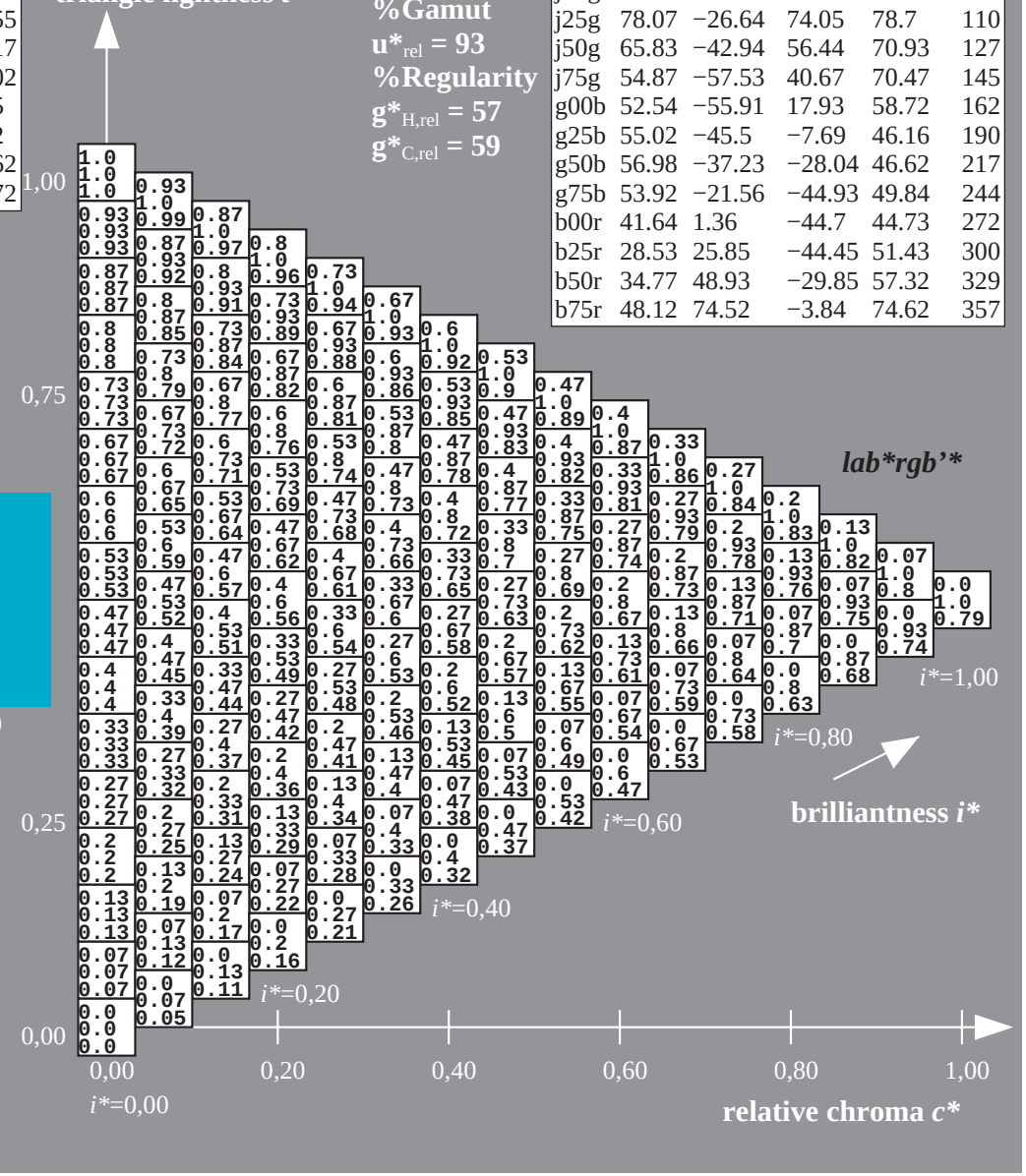
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −36 −27
$LAB^*LCH^*_{Ma}$: 57 47 217
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.79
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

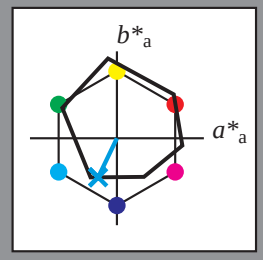




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = g75b$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 −21 −44

$LAB^*LCH^*_{Ma}$: 54 50 244

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

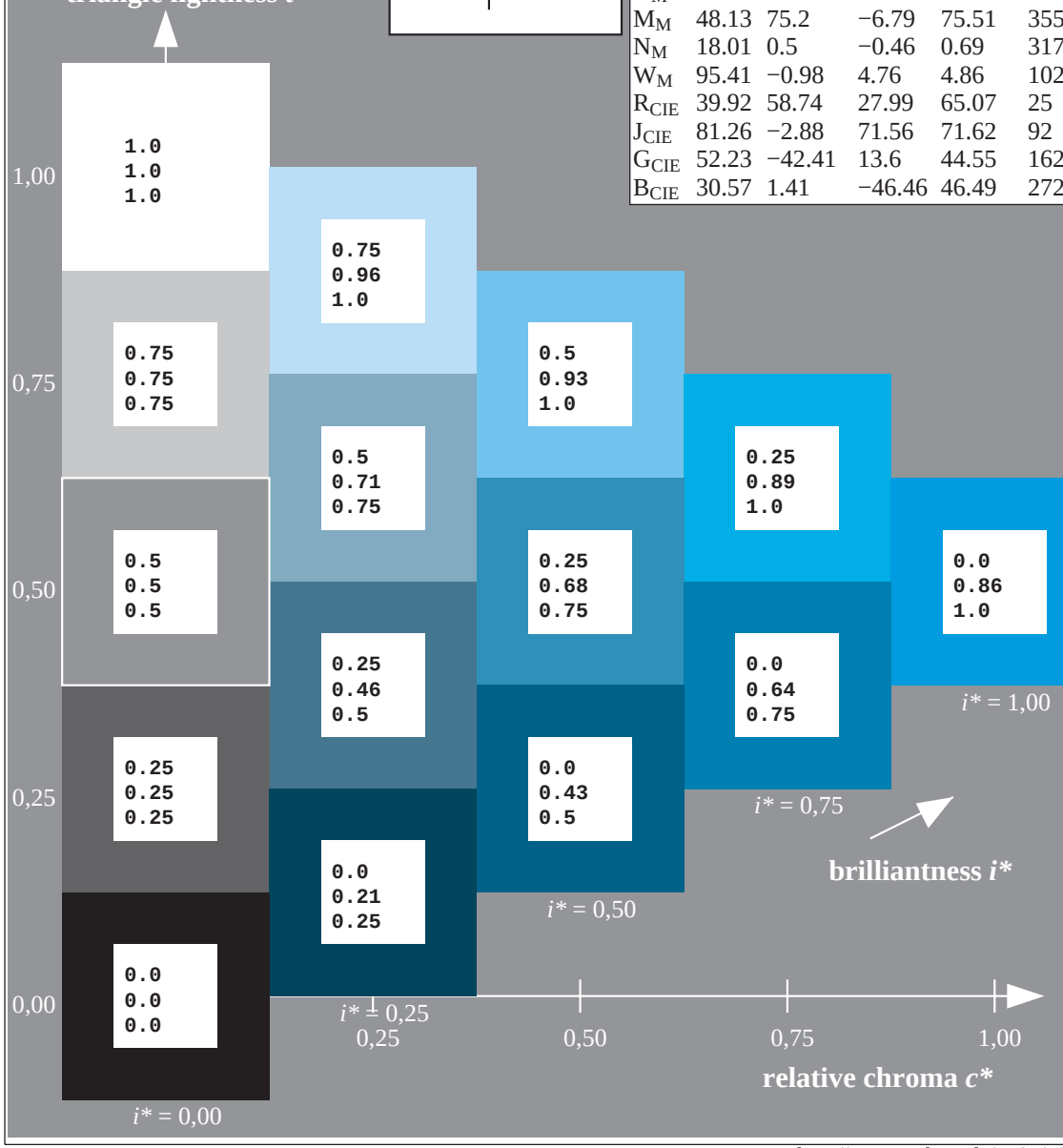
$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

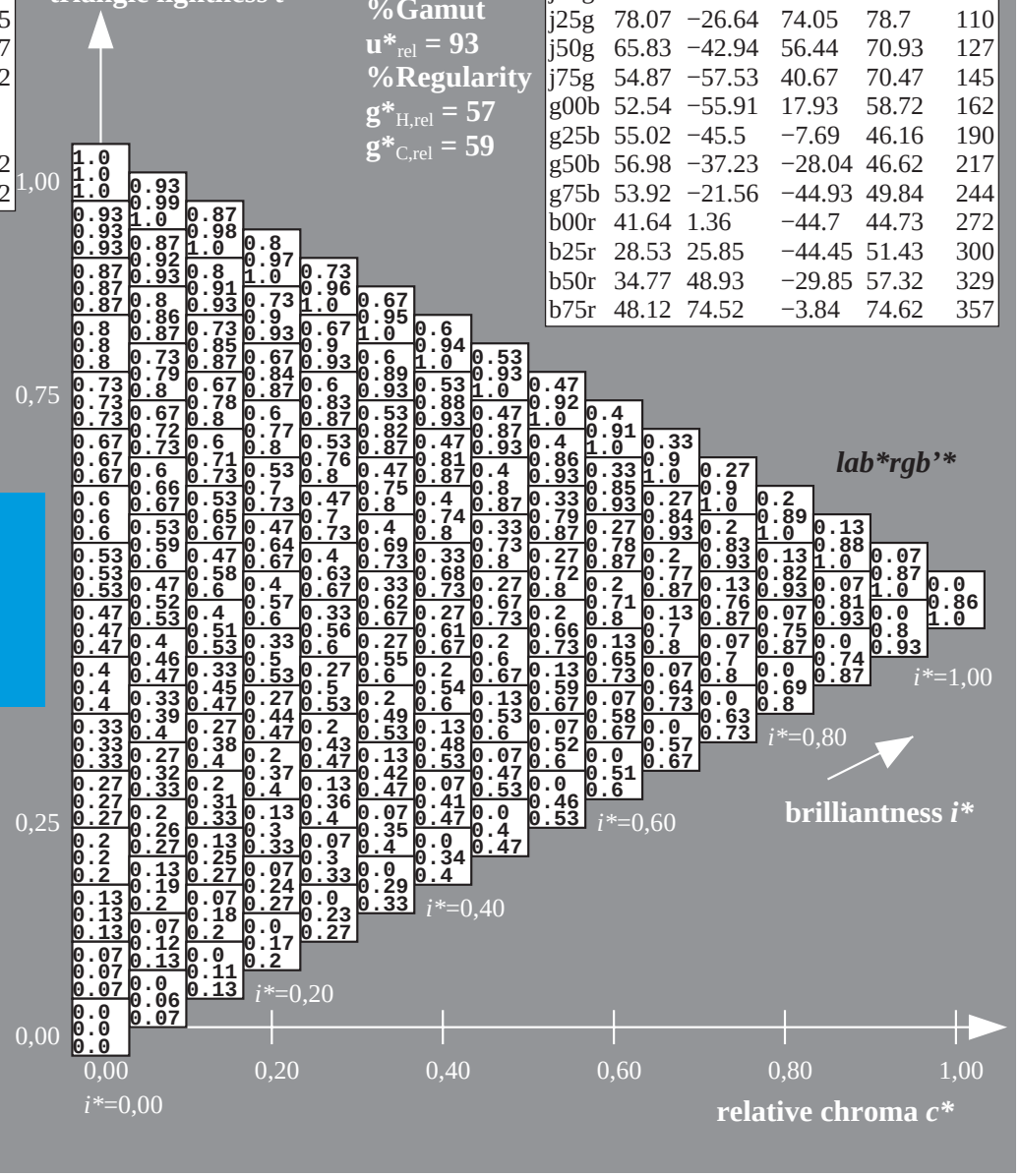
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

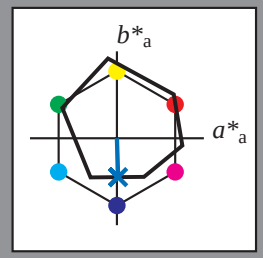




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

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

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b00r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 −44

$LAB^*LCH^*_{Ma}$: 42 45 272

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

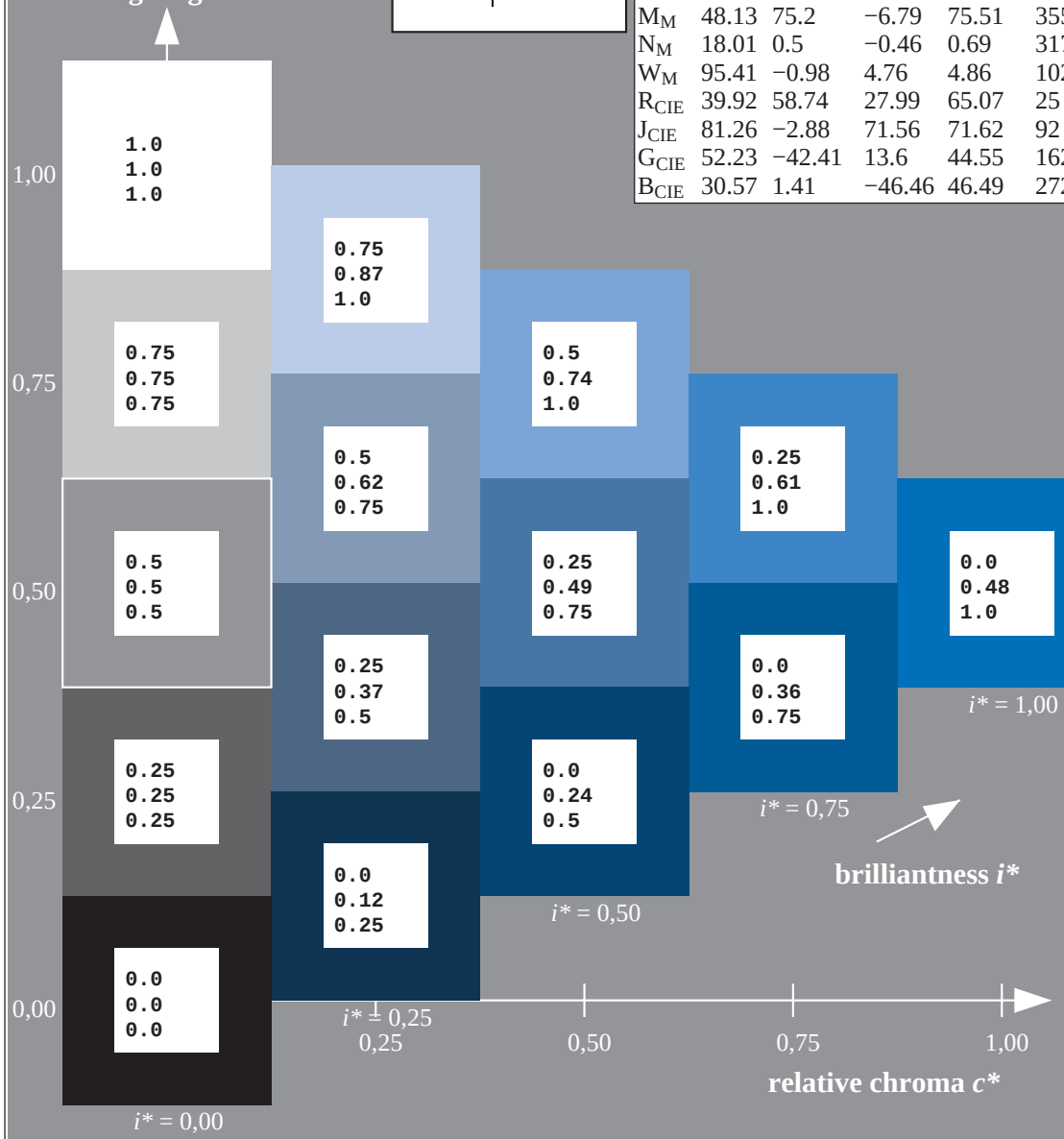
$lab^*olv^*_{Ma}$: 0.0 0.48 1.0

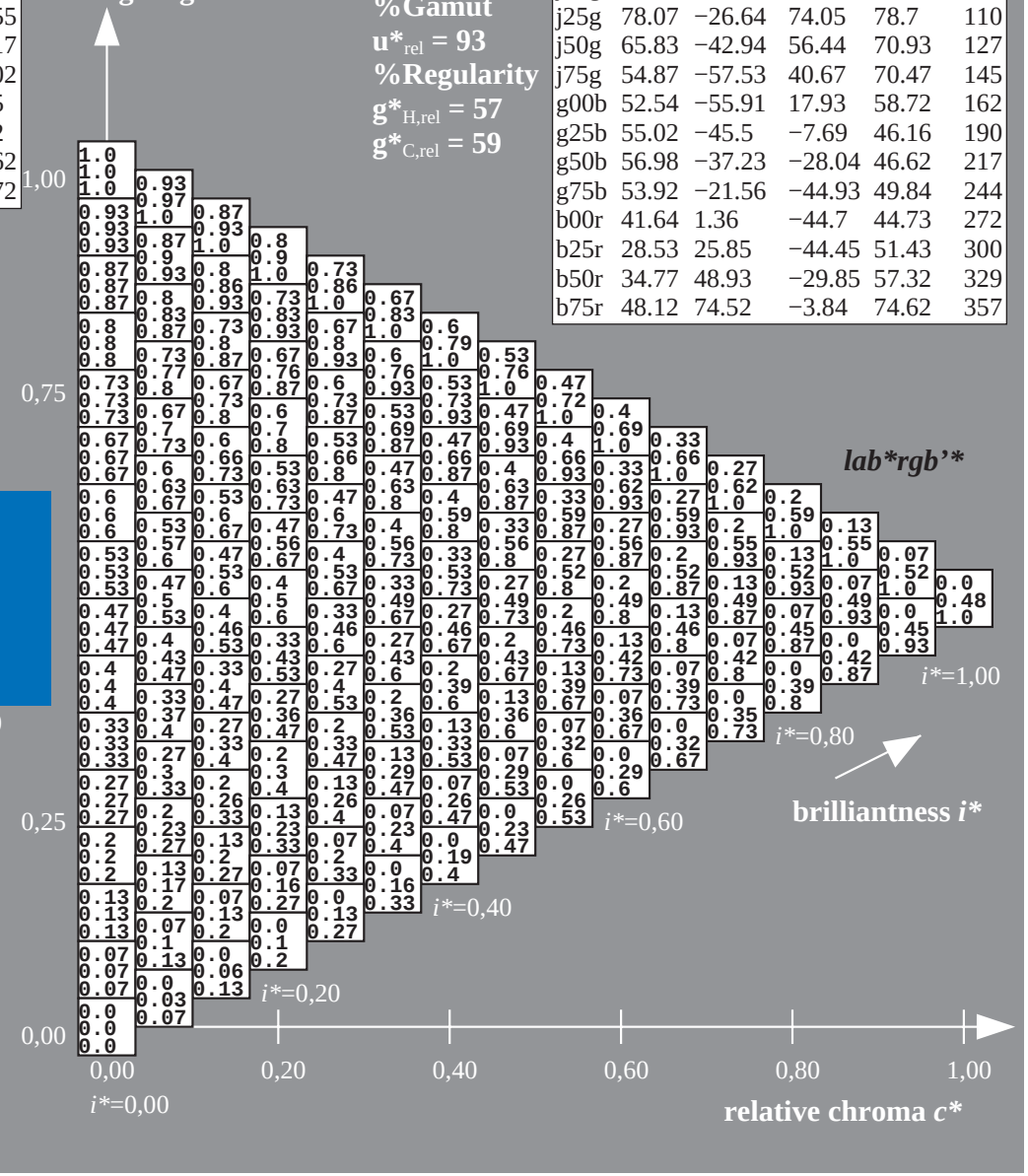
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

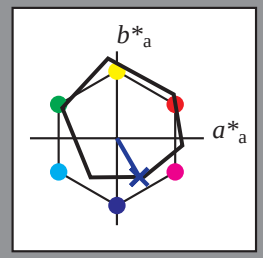




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

$u^* = b25r$
$lab^*rgb'^*$

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b25r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

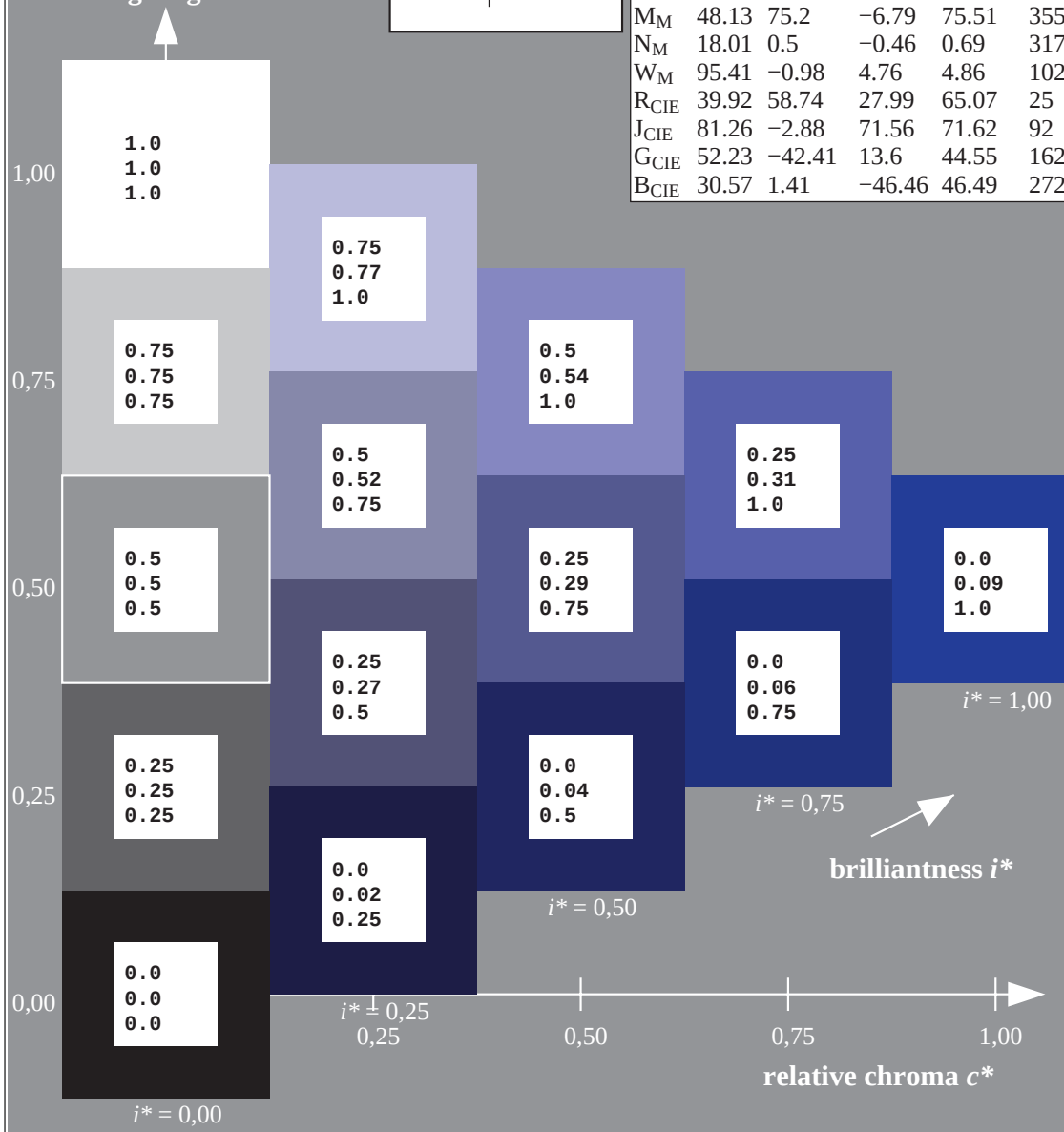
Data for maximum colour (Ma):

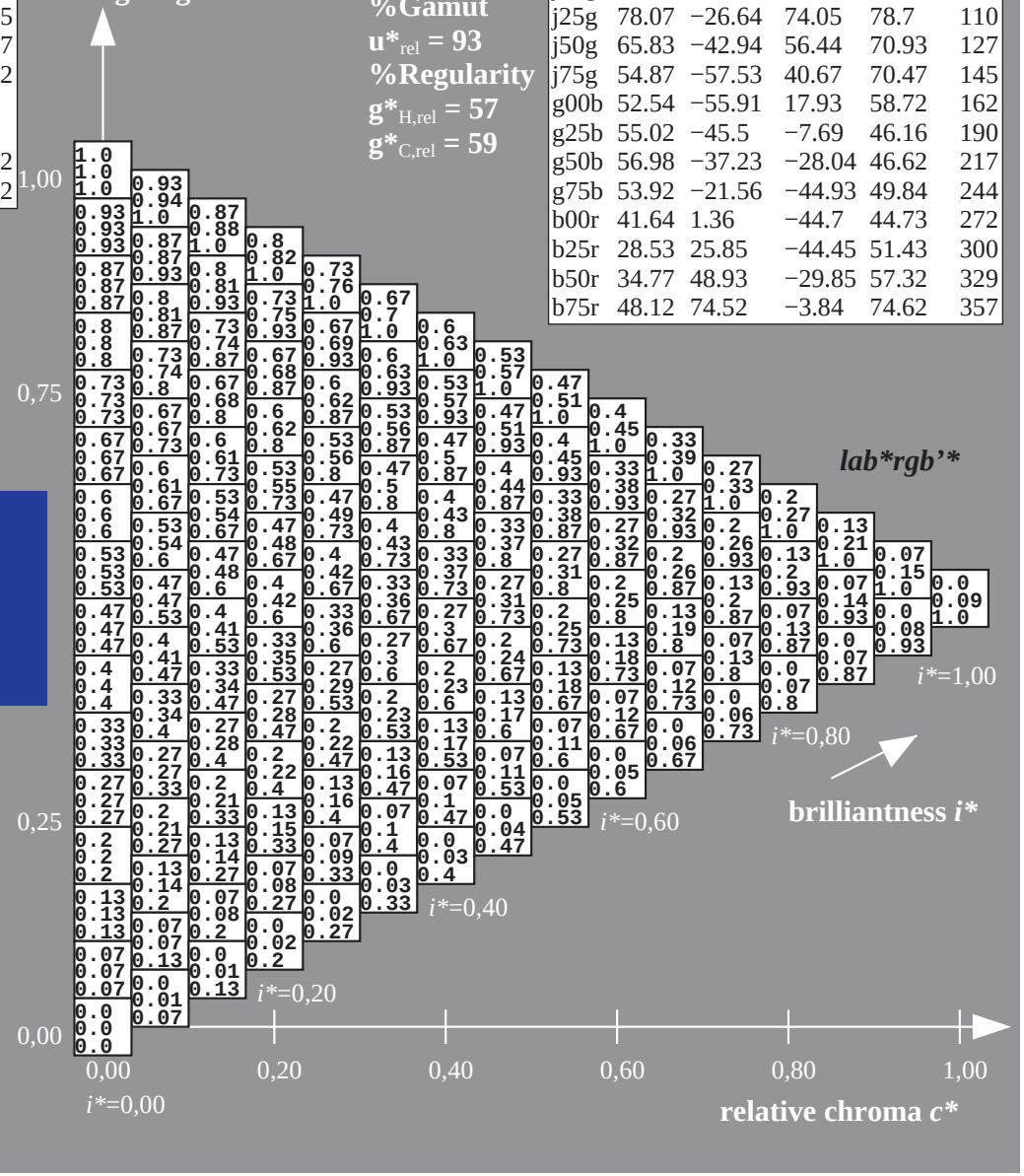
$LAB^*LAB^*_{Ma}$: 29 26 −43
$LAB^*LCH^*_{Ma}$: 29 51 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.09 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

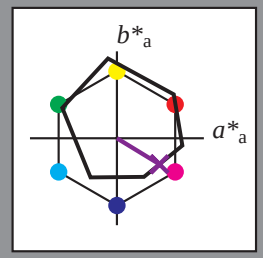




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

$u^* = b50r$
$lab^*rgb'^*$

data for any colour:
lab^*tch^* and lab^*icu^*
elementary hue text:
$u^* = b50r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

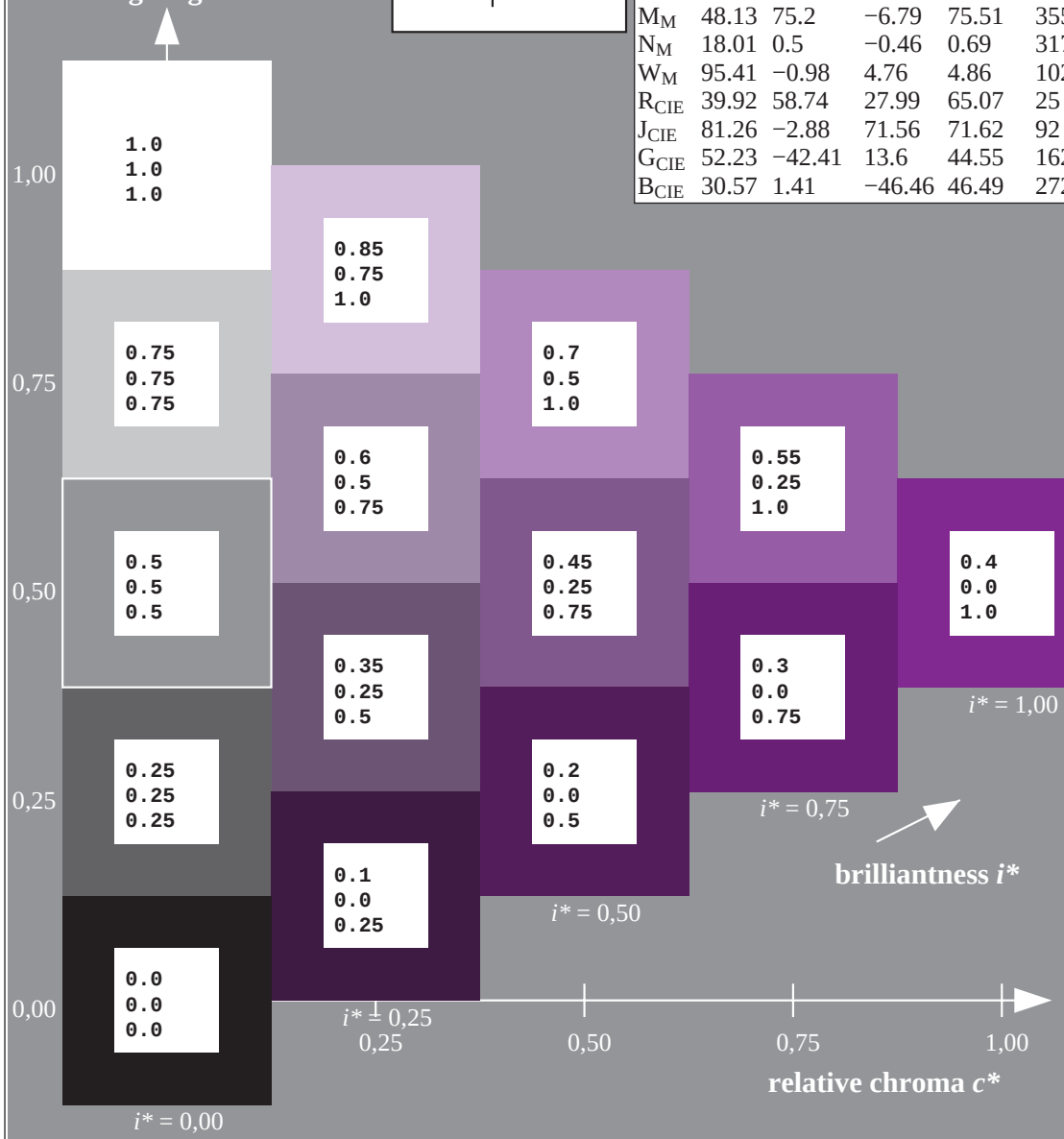
Data for maximum colour (Ma):

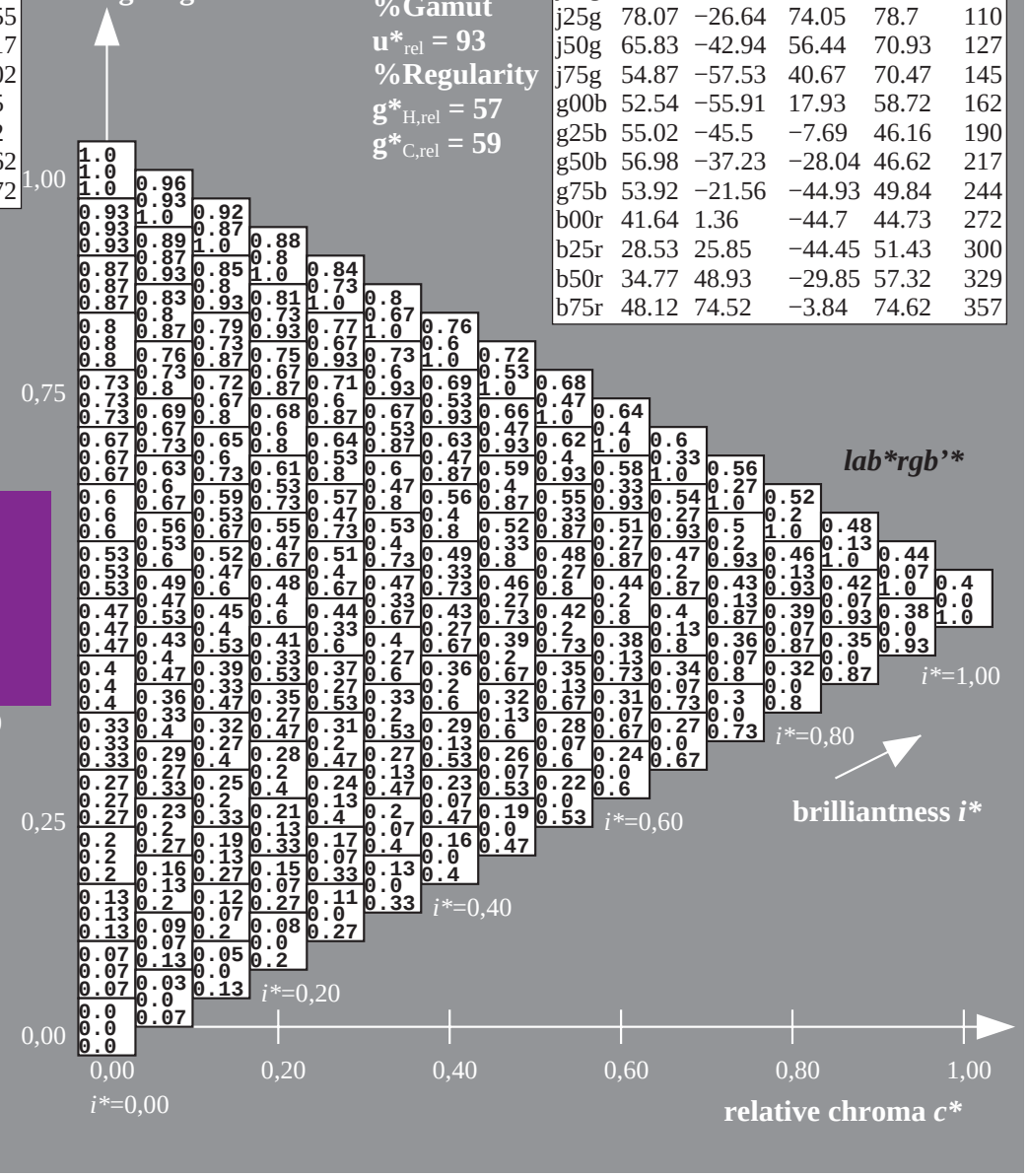
$LAB^*LAB^*_{Ma}$: 35 49 −29
$LAB^*LCH^*_{Ma}$: 35 57 329
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.4 0.0 1.0
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

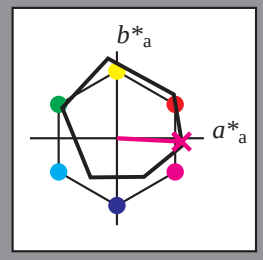




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

$u^* = b75r$
$lab^*rgb'^*$

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = b75r$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

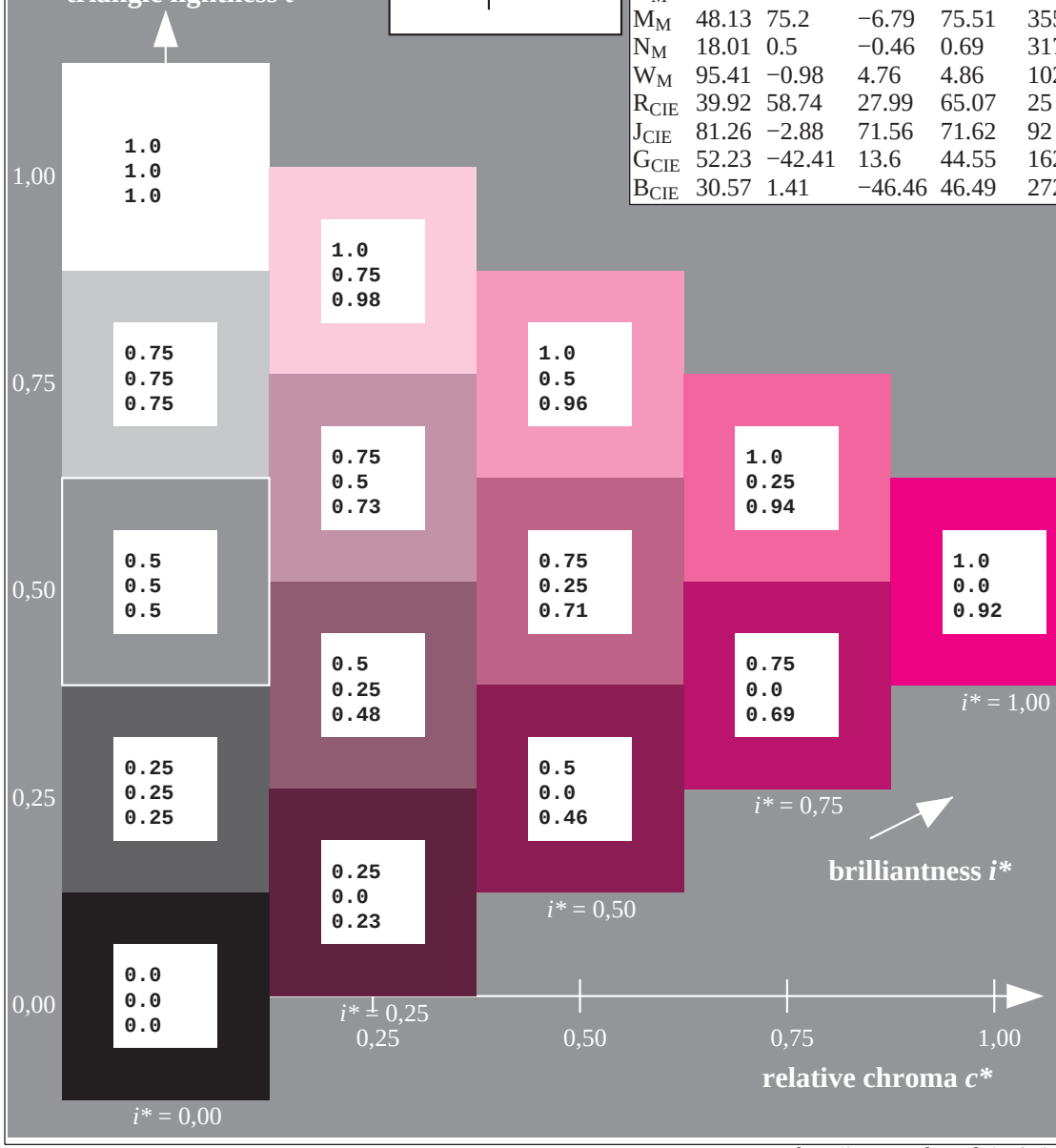
Data for maximum colour (Ma):

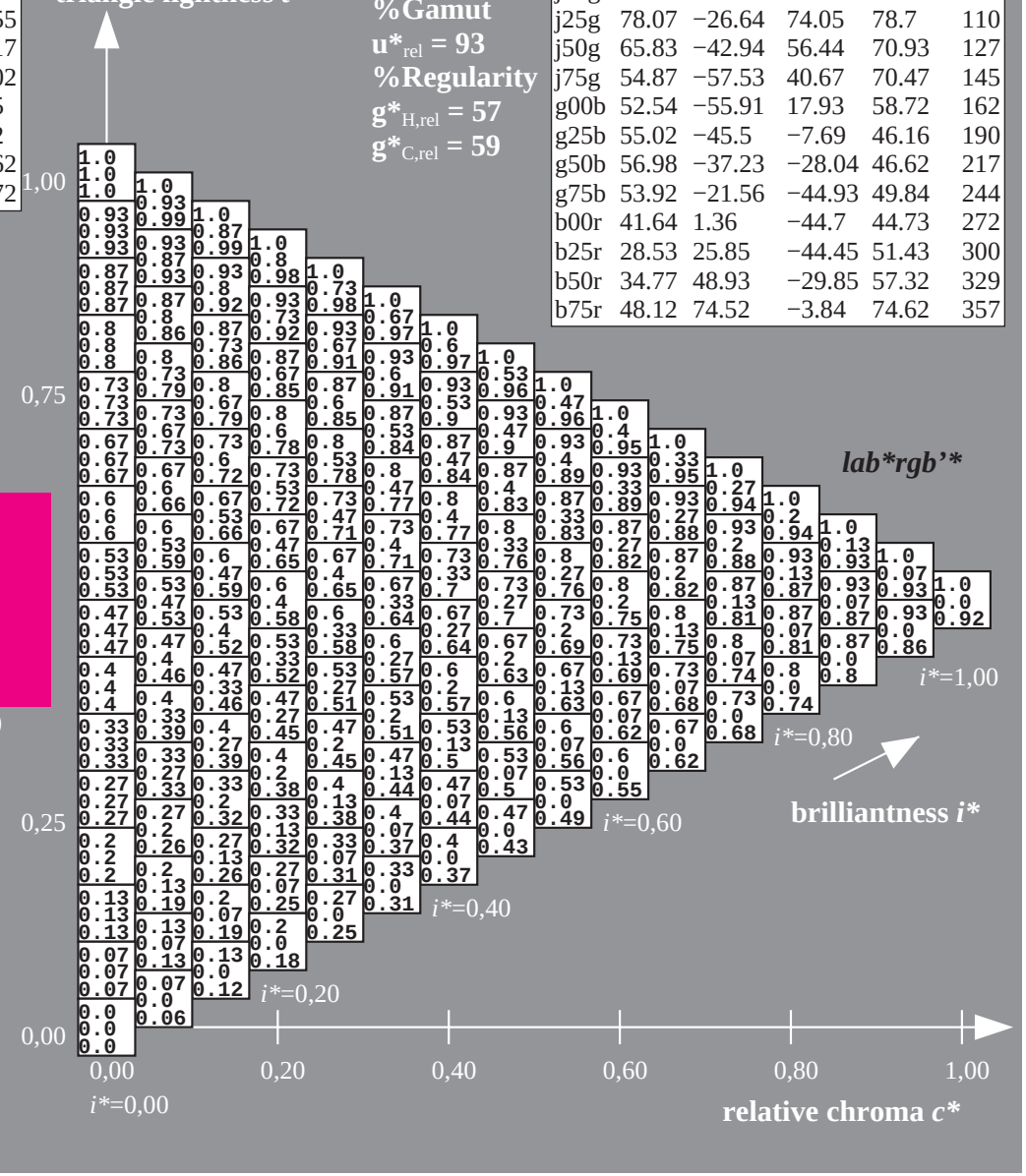
***LAB*LAB**$_{Ma}$: 48 75 −3**
***LAB*LCH**$_{Ma}$: 48 75 357**
***lab*rgb**$_{Ma}$: 1.0 0.0 0.5**
***lab*olv**$_{Ma}$: 1.0 0.0 0.92**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357



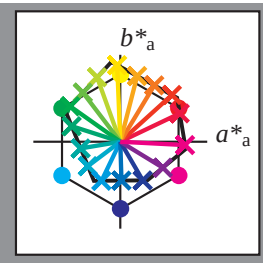


	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*rgb’*		
01	0.0 0.0 0.0	0.0 0.13 0.0	0.0 0.25 0.0	0.0 0.38 0.0	0.0 0.5 0.0	0.0 0.63 0.0	0.0 0.75 0.0	0.0 0.88 0.0	0.0 1.0 0.0	0.13 0.0 0.0	0.13 0.13 0.0	0.13 0.25 0.0	0.13 0.38 0.0	0.13 0.5 0.0	0.13 0.63 0.0	0.13 0.75 0.0	0.13 0.88 0.0	0.13 1.0 0.0	0.25 0.0 0.0	0.25 0.13 0.0	0.25 0.25 0.0	0.25 0.38 0.0	0.25 0.5 0.0	0.25 0.63 0.0	0.25 0.75 0.0	0.25 0.88 0.0	0.25 1.0 0.0	1.0 1.0 1.0	1.0 0.88 0.88	1.0 0.75 0.75	1.0 0.63 0.63	1.0 0.5 0.5	1.0 0.38 0.38	1.0 0.25 0.25	1.0 0.13 0.13	1.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	0.0 0.0 0.13	0.0 0.13 0.13	0.0 0.25 0.13	0.0 0.38 0.13	0.0 0.5 0.13	0.0 0.63 0.13	0.0 0.75 0.13	0.0 0.88 0.13	0.0 1.0 0.13	0.13 0.0 0.13	0.13 0.13 0.13	0.13 0.25 0.13	0.13 0.38 0.13	0.13 0.5 0.13	0.13 0.63 0.13	0.13 0.75 0.13	0.13 0.88 0.13	0.13 1.0 0.13	0.25 0.0 0.13	0.25 0.13 0.13	0.25 0.25 0.13	0.25 0.38 0.13	0.25 0.5 0.13	0.25 0.63 0.13	0.25 0.75 0.13	0.25 0.88 0.13	0.25 1.0 0.13	0.88 1.0 1.0	0.88 0.88 0.88	0.88 0.75 0.75	0.88 0.63 0.63	0.88 0.5 0.5	0.88 0.38 0.38	0.88 0.25 0.25	0.88 0.13 0.13	0.88 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
03	0.0 0.0 0.25	0.0 0.13 0.25	0.0 0.25 0.25	0.0 0.38 0.25	0.0 0.5 0.25	0.0 0.63 0.25	0.0 0.75 0.25	0.0 0.88 0.25	0.0 1.0 0.25	0.13 0.0 0.25	0.13 0.13 0.25	0.13 0.25 0.25	0.13 0.38 0.25	0.13 0.5 0.25	0.13 0.63 0.25	0.13 0.75 0.25	0.13 0.88 0.25	0.13 1.0 0.25	0.25 0.0 0.25	0.25 0.13 0.25	0.25 0.25 0.25	0.25 0.38 0.25	0.25 0.5 0.25	0.25 0.63 0.25	0.25 0.75 0.25	0.25 0.88 0.25	0.25 1.0 0.25	0.75 1.0 1.0	0.75 0.88 0.88	0.75 0.75 0.75	0.75 0.63 0.63	0.75 0.5 0.5	0.75 0.38 0.38	0.75 0.25 0.25	0.75 0.13 0.13	0.75 0.0 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
04	0.0 0.0 0.38	0.0 0.13 0.38	0.0 0.25 0.38	0.0 0.38 0.38	0.0 0.5 0.38	0.0 0.63 0.38	0.0 0.75 0.38	0.0 0.88 0.38	0.0 1.0 0.38	0.13 0.0 0.38	0.13 0.13 0.38	0.13 0.25 0.38	0.13 0.38 0.38	0.13 0.5 0.38	0.13 0.63 0.38	0.13 0.75 0.38	0.13 0.88 0.38	0.13 1.0 0.38	0.25 0.0 0.38	0.25 0.13 0.38	0.25 0.25 0.38	0.25 0.38 0.38	0.25 0.5 0.38	0.25 0.63 0.38	0.25 0.75 0.38	0.25 0.88 0.38	0.25 1.0 0.38	0.63 1.0 1.0	0.63 0.88 0.88	0.63 0.75 0.75	0.63 0.63 0.63	0.63 0.5 0.5	0.63 0.38 0.38	0.63 0.25 0.25	0.63 0.13 0.13	0.63 0.0 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
05	0.0 0.0 0.5	0.0 0.13 0.5	0.0 0.25 0.5	0.0 0.38 0.5	0.0 0.5 0.5	0.0 0.63 0.5	0.0 0.75 0.5	0.0 0.88 0.5	0.0 1.0 0.5	0.13 0.0 0.5	0.13 0.13 0.5	0.13 0.25 0.5	0.13 0.38 0.5	0.13 0.5 0.5	0.13 0.63 0.5	0.13 0.75 0.5	0.13 0.88 0.5	0.13 1.0 0.5	0.25 0.0 0.5	0.25 0.13 0.5	0.25 0.25 0.5	0.25 0.38 0.5	0.25 0.5 0.5	0.25 0.63 0.5	0.25 0.75 0.5	0.25 0.88 0.5	0.25 1.0 0.5	0.5 1.0 1.0	0.5 0.88 0.88	0.5 0.75 0.75	0.5 0.63 0.63	0.5 0.5 0.5	0.5 0.38 0.38	0.5 0.25 0.25	0.5 0.13 0.13	0.5 0.0 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
06	0.0 0.0 0.63	0.0 0.13 0.63	0.0 0.25 0.63	0.0 0.38 0.63	0.0 0.5 0.63	0.0 0.63 0.63	0.0 0.75 0.63	0.0 0.88 0.63	0.0 1.0 0.63	0.13 0.0 0.63	0.13 0.13 0.63	0.13 0.25 0.63	0.13 0.38 0.63	0.13 0.5 0.63	0.13 0.63 0.63	0.13 0.75 0.63	0.13 0.88 0.63	0.13 1.0 0.63	0.25 0.0 0.63	0.25 0.13 0.63	0.25 0.25 0.63	0.25 0.38 0.63	0.25 0.5 0.63	0.25 0.63 0.63	0.25 0.75 0.63	0.25 0.88 0.63	0.25 1.0 0.63	0.38 1.0 1.0	0.38 0.88 0.88	0.38 0.75 0.75	0.38 0.63 0.63	0.38 0.5 0.5	0.38 0.38 0.38	0.38 0.25 0.25	0.38 0.13 0.13	0.38 0.0 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
07	0.0 0.0 0.75	0.0 0.13 0.75	0.0 0.25 0.75	0.0 0.38 0.75	0.0 0.5 0.75	0.0 0.63 0.75	0.0 0.75 0.75	0.0 0.88 0.75	0.0 1.0 0.75	0.13 0.0 0.75	0.13 0.13 0.75	0.13 0.25 0.75	0.13 0.38 0.75	0.13 0.5 0.75	0.13 0.63 0.75	0.13 0.75 0.75	0.13 0.88 0.75	0.13 1.0 0.75	0.25 0.0 0.75	0.25 0.13 0.75	0.25 0.25 0.75	0.25 0.38 0.75	0.25 0.5 0.75	0.25 0.63 0.75	0.25 0.75 0.75	0.25 0.88 0.75	0.25 1.0 0.75	0.25 1.0 1.0	0.25 0.88 0.88	0.25 0.75 0.75	0.25 0.63 0.63	0.25 0.5 0.5	0.25 0.38 0.38	0.25 0.25 0.25	0.25 0.13 0.13	0.25 0.0 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
08	0.0 0.0 0.88	0.0 0.13 0.88	0.0 0.25 0.88	0.0 0.38 0.88	0.0 0.5 0.88	0.0 0.63 0.88	0.0 0.75 0.88	0.0 0.88 0.88	0.0 1.0 0.88	0.13 0.0 0.88	0.13 0.13 0.88	0.13 0.25 0.88	0.13 0.38 0.88	0.13 0.5 0.88	0.13 0.63 0.88	0.13 0.75 0.88	0.13 0.88 0.88	0.13 1.0 0.88	0.25 0.0 0.88	0.25 0.13 0.88	0.25 0.25 0.88	0.25 0.38 0.88	0.25 0.5 0.88	0.25 0.63 0.88	0.25 0.75 0.88	0.25 0.88 0.88	0.25 1.0 0.88	0.13 1.0 1.0	0.13 0.88 0.88	0.13 0.75 0.75	0.13 0.63 0.63	0.13 0.5 0.5	0.13 0.38 0.38	0.13 0.25 0.25	0.13 0.13 0.13	0.13 0.0 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
09	0.0 0.0 1.0	0.0 0.13 1.0	0.0 0.25 1.0	0.0 0.38 1.0	0.0 0.5 1.0	0.0 0.63 1.0	0.0 0.75 1.0	0.0 0.88 1.0	0.0 1.0 1.0	0.13 0.0 1.0	0.13 0.13 1.0	0.13 0.25 1.0	0.13 0.38 1.0	0.13 0.5 1.0	0.13 0.63 1.0	0.13 0.75 1.0	0.13 0.88 1.0	0.13 1.0 1.0	0.25 0.0 1.0	0.25 0.13 1.0	0.25 0.25 1.0	0.25 0.38 1.0	0.25 0.5 1.0	0.25 0.63 1.0	0.25 0.75 1.0	0.25 0.88 1.0	0.25 1.0 1.0	0.0 1.0 1.0	0.0 0.88 0.88	0.0 0.75 0.75	0.0 0.63 0.63	0.0 0.5 0.5	0.0 0.38 0.38	0.0 0.25 0.25	0.0 0.13 0.13	0.0 0.0 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
10	0.38 0.0 0.0	0.38 0.13 0.0	0.38 0.25 0.0	0.38 0.38 0.0	0.38 0.5 0.0	0.38 0.63 0.0	0.38 0.75 0.0	0.38 0.88 0.0	0.38 1.0 0.0	0.5 0.0 0.0	0.5 0.13 0.0	0.5 0.25 0.0	0.5 0.38 0.0	0.5 0.5 0.0	0.5 0.63 0.0	0.5 0.75 0.0	0.5 0.88 0.0	0.5 1.0 0.0	0.63 0.0 0.0	0.63 0.13 0.0	0.63 0.25 0.0	0.63 0.38 0.0	0.63 0.5 0.0	0.63 0.63 0.0	0.63 0.75 0.0	0.63 0.88 0.0	0.63 1.0 0.0	1.0 1.0 1.0	1.0 1.0 0.88	1.0 1.0 0.75	1.0 1.0 0.63	1.0 1.0 0.5	1.0 1.0 0.38	1.0 1.0 0.25	1.0 1.0 0.13	1.0 1.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
11	0.38 0.0 0.13	0.38 0.13 0.13	0.38 0.25 0.13	0.38 0.38 0.13	0.38 0.5 0.13	0.38 0.63 0.13	0.38 0.75 0.13	0.38 0.88 0.13	0.38 1.0 0.13	0.5 0.0 0.13	0.5 0.13 0.13	0.5 0.25 0.13	0.5 0.38 0.13	0.5 0.5 0.13	0.5 0.63 0.13	0.5 0.75 0.13	0.5 0.88 0.13	0.5 1.0 0.13	0.63 0.0 0.13	0.63 0.13 0.13	0.63 0.25 0.13	0.63 0.38 0.13	0.63 0.5 0.13	0.63 0.63 0.13	0.63 0.75 0.13	0.63 0.88 0.13	0.63 1.0 0.13	0.88 0.88 1.0	0.88 0.88 0.88	0.88 0.88 0.75	0.88 0.88 0.63	0.88 0.88 0.5	0.88 0.88 0.38	0.88 0.88 0.25	0.88 0.88 0.13	0.88 0.88 0.0	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07	0.07 0.07 0.07
12	0.38 0.0 0.25	0.38 0.13 0.25	0.38 0.25 0.25	0.38 0.38 0.25	0.38 0.5 0.25	0.38 0.63 0.25	0.38 0.75 0.25	0.38 0.88 0.25	0.38 1.0 0.25	0.5 0.0 0.25	0.5 0.13 0.25	0.5 0.25 0.25	0.5 0.38 0.25	0.5 0.5 0.25	0.5 0.63 0.25	0.5 0.75 0.25	0.5 0.88 0.25	0.5 1.0 0.25	0.63 0.0 0.25	0.63 0.13 0.25	0.63 0.25 0.25	0.63 0.38 0.25	0.63 0.5 0.25	0.63 0.63 0.25	0.63 0.75 0.25	0.63 0.88 0.25	0.63 1.0 0.25	0.75 0.75 1.0	0.75 0.75 0.88	0.75 0.75 0.75	0.75 0.75 0.63	0.75 0.75 0.5	0.75 0.75 0.38	0.75 0.75 0.25	0.75 0.75 0.13	0.75 0.75 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
13	0.38 0.0 0.38	0.38 0.13 0.38	0.38 0.25 0.38	0.38 0.38 0.38	0.38 0.5 0.38	0.38 0.63 0.38	0.38 0.75 0.38	0.38 0.88 0.38	0.38 1.0 0.38	0.5 0.0 0.38	0.5 0.13 0.38	0.5 0.25 0.38	0.5 0.38 0.38	0.5 0.5 0.38	0.5 0.63 0.38	0.5 0.75 0.38	0.5 0.88 0.38	0.5 1.0 0.38	0.63 0.0 0.38	0.63 0.13 0.38	0.63 0.25 0.38	0.63 0.38 0.38	0.63 0.5 0.38	0.63 0.63 0.38	0.63 0.75 0.38	0.63 0.88 0.38	0.63 1.0 0.38	0.63 0.63 1.0	0.63 0.63 0.88	0.63 0.63 0.75	0.63 0.63 0.63	0.63 0.63 0.5	0.63 0.63 0.38	0.63 0.63 0.25	0.63 0.63 0.13	0.63 0.63 0.0	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2
14	0.38 0.0 0.5	0.38 0.13 0.5	0.38 0.25 0.5	0.38 0.38 0.5	0.38 0.5 0.5	0.38 0.63 0.5	0.38 0.75 0.5	0.38 0.88 0.5	0.38 1.0 0.5	0.5 0.0 0.5	0.5 0.13 0.5	0.5 0.25 0.5	0.5 0.38 0.5	0.5 0.5 0.5	0.5 0.63 0.5	0.5 0.75 0.5	0.5 0.88 0.5	0.5 1.0 0.5	0.63 0.0 0.5	0.63 0.13 0.5	0.63 0.25 0.5	0.63 0.38 0.5	0.63 0.5 0.5	0.63 0.63 0.5	0.63 0.75 0.5	0.63 0.88 0.5	0.63 1.0 0.5	0.5 0.5 1.0	0.5 0.5 0.88	0.5 0.5 0.75	0.5 0.5 0.63	0.5 0.5 0.5	0.5 0.5 0.38	0.5 0.5 0.25	0.5 0.5 0.13	0.5 0.5 0.0	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27	0.27 0.27 0.27
15	0.38 0.0 0.63	0.38 0.13 0.63	0.38 0.25 0.63	0.38 0.38 0.63	0.38 0.5 0.63	0.38 0.63 0.63	0.38 0.75 0.63	0.38 0.88 0.63	0.38 1.0 0.63	0.5 0.0 0.63	0.5 0.13 0.63	0.5 0.25 0.63	0.5 0.38 0.63	0.5 0.5 0.63	0.5 0.63 0.63	0.5 0.75 0.63	0.5 0.88 0.63	0.5 1.0 0.63	0.63 0.0 0.63	0.63 0.13 0.63	0.63 0.25 0.63	0.63 0.38 0.63	0.63 0.5 0.63	0.63 0.63 0.63	0.63 0.75 0.63	0.63 0.88 0.63	0.63 1.0 0.63	0.38 0.38 1.0	0.38 0.38 0.88	0.38 0.38 0.75	0.38 0.38 0.63	0.38 0.38 0.5	0.38 0.38 0.38	0.38 0.38 0.25	0.38 0.38 0.13	0.38 0.38 0.0	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33
16	0.38 0.0 0.75	0.38 0.13 0.75	0.38 0.25 0.75	0.38 0.38 0.75	0.38 0.5 0.75	0.38 0.63 0.75	0.38 0.75 0.75	0.38 0.88 0.75	0.38 1.0 0.75	0.5 0.0 0.75	0.5 0.13 0.75	0.5 0.25 0.75	0.5 0.38 0.75	0.5 0.5 0.75	0.5 0.63 0.75	0.5 0.75 0.75	0.5 0.88 0.75	0.5 1.0 0.75	0.63 0.0 0.75	0.63 0.13 0.75	0.63 0.25 0.75	0.63 0.38 0.75	0.63 0.5 0.75	0.63 0.63 0.75	0.63 0.75 0.75	0.63 0.88 0.75	0.63 1.0 0.75	0.25 0.25 1.0	0.25 0.25 0.88	0.25 0.25 0.75	0.25 0.25 0.63	0.25 0.25 0.5	0.25 0.25 0.38	0.25 0.25 0.25	0.25 0.25 0.13	0.25 0.25 0.0	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4
17	0.38 0.0 0.88	0.38 0.13 0.88	0.38 0.25 0.88	0.38 0.38 0.88	0.38 0.5 0.88	0.38 0.63 0.88	0.38 0.75 0.88	0.38 0.88 0.88	0.38 1.0 0.88	0.5 0.0 0.88	0.5 0.13 0.88	0.5 0.25 0.88	0.5 0.38 0.88	0.5 0.5 0.88	0.5 0.63 0.88	0.5 0.75 0.88	0.5 0.88 0.88	0.5 1.0 0.88	0.63 0.0 0.88	0.63 0.13 0.88	0.63 0.25 0.88	0.63 0.38 0.88	0.63 0.5 0.88	0.63 0.63 0.88	0.63 0.75 0.88	0.63 0.88 0.88	0.63 1.0 0.88	0.13 0.13 1.0	0.13 0.13 0.88	0.13 0.13 0.75	0.13 0.13 0.63	0.13 0.13 0.5	0.13 0.13 0.38	0.13 0.13 0.25	0.13 0.13 0.13	0.13 0.13 0.0	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47	0.47 0.47 0.47
18	0.38 0.0 1.0	0.38 0.13 1.0	0.38 0.25 1.0	0.38 0.38 1.0	0.38 0.5 1.0	0.38 0.63 1.0	0.38 0.75 1.0	0.38 0.88 1.0	0.38 1.0 1.0	0.5 0.0 1.0	0.5 0.13 1.0	0.5 0.25 1.0	0.5 0.38 1.0	0.5 0.5 1.0	0.5 0.63 1.0	0.5 0.75 1.0	0.5 0.88 1.0	0.5 1.0 1.0	0.63 0.0 1.0	0.63 0.13 1.0	0.63 0.25 1.0	0.63 0.38 1.0	0.63 0.5 1.0	0.63 0.63 1.0	0.63 0.75 1.0	0.63 0.88 1.0	0.63 1.0 1.0	0.0 0.0 1.0	0.0 0.0 0.88	0.0 0.0 0.75	0.0 0.0 0.63	0.0 0.0 0.5	0.0 0.0 0.38	0.0 0.0 0.25	0.0 0.0 0.13	0.0 0.0 0.0	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53
19	0.75 0.0 0.0	0.75 0.13 0.0	0.75 0.25 0.0	0.75 0.38 0.0	0.75 0.5 0.0	0.75 0.63 0.0	0.75 0.75 0.0	0.75 0.88 0.0	0.75 1.0 0.0	0.88 0.0 0.0	0.88 0.13 0.0	0.88 0.25 0.0	0.88 0.38 0.0	0.88 0.5 0.0	0.88 0.63 0.0	0.88 0.75 0.0	0.88 0.88 0.0	0.88 1.0 0.0	1.0 0.0 0.0	1.0 0.13 0.0	1.0 0.25 0.0	1.0 0.38 0.0	1.0 0.5 0.0	1.0 0.63 0.0	1.0 0.75 0.0	1.0 0.88 0.0	1.0 1.0 0.0	1.0 1.0 1.0	0.88 1.0 0.88	0.75 1.0 0.75	0.63 1.0 0.63	0.5 1.0 0.5	0.38 1.0 0.38	0.25 1.0 0.25	0.13 1.0 0.13	0.0 1.0 0.0	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6
20	0.75 0.0 0.13	0.75 0.13 0.13	0.75 0.25 0.13	0.75 0.38 0.13	0.75 0.5 0.13	0.75 0.63 0.13	0.75 0.75 0.13	0.75 0.88 0.13	0.75 1.0 0.13	0.88 0.0 0.13	0.88 0.13 0.13	0.88 0.25 0.13	0.88 0.38 0.13	0.88 0.5 0.13	0.88 0.63 0.13	0.88 0.75 0.13	0.88 0.88 0.13	0.88 1.0 0.13	1.0 0.0 0.13	1.0 0.13 0.13	1.0 0.25 0.13	1.0 0.38 0.13	1.0 0.5 0.13	1.0 0.63 0.13	1.0 0.75 0.13	1.0 0.88 0.13	1.0 1.0 0.13	1.0 0.88 1.0	0.88 0.88 0.88	0.75 0.88 0.75	0.63 0.88 0.63	0.5 0.88 0.5	0.38 0.88 0.38	0.25 0.88 0.25	0.13 0.88 0.13	0.0 0.88 0.0	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67	0.67 0.67 0.67
21	0.75 0.0 0.25	0.75 0.13 0.25	0.75 0.25 0.25	0.75 0.38 0.25	0.75 0.5 0.25	0.75 0.63 0.25	0.75 0.75 0.25	0.75 0.88 0.25	0.75 1.0 0.25	0.88 0.0 0.25	0.88 0.13 0.25	0.88 0.25 0.25	0.88 0.38 0.25	0.88 0.5 0.25	0.88 0.63 0.25	0.88 0.75 0.25	0.88 0.88 0.25	0.88 1.0 0.25	1.0 0.0 0.25	1.0 0.13 0.25	1.0 0.25 0.25	1.0 0.38 0.25	1.0 0.5 0.25	1.0 0.63 0.25	1.0 0.75 0.25	1.0 0.88 0.25	1.0 1.0 0.25	1.0 0.75 1.0	0.88 0.75 0.88	0.75 0.75 0.75	0.63 0.75 0.63	0.5 0.75 0.5	0.38 0.75 0.38	0.25 0.75 0.25	0.13 0.75 0.13	0.0 0.75 0.0	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73
22	0.75 0.0 0.38	0.75 0.13 0.38	0.75 0.25 0.38	0.75 0.38 0.38	0.75 0.5 0.38	0.75 0.63 0.38	0.75 0.75 0.38	0.75 0.88 0.38	0.75 1.0 0.38	0.88 0.0 0.38	0.88 0.13 0.38	0.88 0.25 0.38	0.88 0.38 0.38	0.88 0.5 0.38	0.88 0.63 0.38	0.88 0.75 0.38	0.88 0.88 0.38	0.88 1.0 0.38	1.0 0.0 0.38	1.0 0.13 0.38	1.0 0.25 0.38	1.0 0.38 0.38	1.0 0.5 0.38	1.0 0.63 0.38	1.0 0.75 0.38	1.0 0.88 0.38	1.0 1.0 0.38	1.0 0.63 1.0	0.88 0.63 0.88	0.75 0.63 0.75	0.63 0.63 0.63	0.5 0.63 0.5	0.38 0.63 0.38	0.25 0.63 0.25	0.13 0.63 0.13	0.0 0.63 0.0	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8
23	0.75 0.0 0.5	0.75 0.13 0.5	0.75 0.25 0.5	0.75 0.38 0.5	0.75 0.5 0.5	0.75 0.63 0.5	0.75 0.75 0.5	0.75 0.88 0.5	0.75 1.0 0.5	0.88 0.0 0.5	0.88 0.13 0.5	0.88 0.25 0.5	0.88 0.38 0.5	0.88 0.5 0.5	0.88 0.63 0.5	0.88 0.75 0.5	0.88 0.88 0.5	0.88 1.0 0.5	1.0 0.0 0.5	1.0 0.13 0.5	1.0 0.25 0.5	1.0 0.38 0.5	1.0 0.5 0.5	1.0 0.63 0.5	1.0 0.75 0.5	1.0 0.88 0.5	1.0 1.0 0.5	1.0 0.5 1.0	0.88 0.5 0.88	0.75 0.5 0.75	0.63 0.5 0.63	0.5 0.5 0.5	0.38 0.5 0.38	0.25 0.5 0.25	0.13 0.5 0.13	0.0 0.5 0.0	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87	0.87 0.87 0.87
24	0.75 0.0 0.63	0.75 0.13 0.63	0.75 0.25 0.63	0.75 0.38 0.63	0.75 0.5 0.63	0.75 0.63 0.63	0.75 0.75 0.63	0.75 0.88 0.63	0.75 1.0 0.63	0.88 0.0 0.63	0.88 0.13 0.63	0.88 0.25 0.63	0.88 0.38 0.63	0.88 0.5 0.63	0.88 0.63 0.63	0.88 0.75 0.63	0.88 0.88 0.63	0.88 1.0 0.63	1.0 0.0 0.63	1.0 0.13 0.63	1.0 0.25 0.63	1.0 0.38 0.63	1.0 0.5 0.63	1.0 0.63 0.63	1.0 0.75 0.63	1.0 0.88 0.63	1.0 1.0 0.63	1.0 0.38 1.0	0.88 0.38 0.88	0.75 0.38 0.75	0.63 0.38 0.63	0.5 0.38 0.5	0.38 0.38 0.38	0.25 0.38 0.25	0.13 0.38 0.13	0.0 0.38 0.0	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93
25	0.75 0.0 0.75	0.75 0.13 0.75	0.75 0.25 0.75	0.75 0.38 0.75	0.75 0.5 0.75	0.75 0.63 0.75	0.75 0.75 0.75	0.75 0.88 0.75	0.75 1.0 0.75	0.88 0.0 0.75	0.88 0.13 0.75	0.88 0.25 0.75	0.88 0.38 0.75	0.88 0.5 0.75	0.88 0.63 0.75	0.88 0.75 0.75	0.88 0.88 0.75	0.88 1.0 0.75	1.0 0.0 0.75	1.0 0.13 0.75	1.0 0.25 0.75	1.0 0.38 0.75	1.0 0.5 0.75	1.0 0.63 0.75	1.0 0.75 0.75	1.0 0.88 0.75	1.0 1.0 0.75	1.0 0.25 1.0	0.88 0.25 0.88	0.75 0.25 0.75	0.63 0.25 0.63	0.5 0.25 0.5	0.38 0.25 0.38	0.25 0.25 0.25	0.13 0.25 0.13	0.0 0.25 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
26	0.75 0.0 0.88	0.75 0.13 0.88	0.75 0.25 0.88	0.75 0.38 0.88	0.75 0.5 0.88	0.75 0.63 0.88	0.75 0.75 0.88	0.75 0.88 0.88	0.75 1.0 0.88	0.88 0.0 0.88	0.88 0.13 0.88	0.88 0.25 0.88	0.88 0.38 0.88	0.88 0.5 0.88	0.88 0.63 0.88	0.88 0.75 0.88	0.88 0.88 0.88	0.88 1.0 0.88	1.0 0.0 0.88	1.0 0.13 0.88	1.0 0.25 0.88	1.0 0.38 0.88	1.0 0.5 0.88	1.0 0.63 0.88	1.0 0.75 0.88	1.0 0.88 0.88	1.0 1.0 0.88	1.0 0.13 1.0	0.88 0.13 0.88	0.75 0.13 0.75	0.63 0.13 0.63	0.5 0.13 0.5	0.38 0.13 0.38	0.25 0.13 0.25	0.13 0.13 0.13	0.0 0.13 0.0	0.0 0.0 0.0	1.0 0.0 0.0	1.0 1.0 0.0	0.0 1.0 0.0
27	0.75 0.0 1.0	0.75 0.13 1.0	0.75 0.25 1.0	0.75 0.38 1.0	0.75 0.5 1.0	0.75 0.63 1.0	0.75 0.75 1.0	0.75 0.88 1.0	0.75 1.0 1.0	0.88 0.0 1.0	0.88 0.13 1.0	0.88 0.25 1.0	0.88 0.38 1.0	0.88 0.5 1.0	0.88 0.63 1.0	0.88 0.75 1.0	0.88 0.88 1.0	0.88 1.0 1.0	1.0 0.0 1.0	1.0 0.13 1.0	1.0 0.25 1.0	1.0 0.38 1.0	1.0 0.5 1.0	1.0 0.63 1.0	1.0 0.75 1.0	1.0 0.88 1.0	1.0 1.0 1.0	1.0 0.0 1.0	0.88 0.0 0.88	0.75 0.0 0.75	0.63 0.0 0.63	0.5 0.0 0.5	0.38 0.0 0.38	0.25 0.0 0.25	0.13 0.0 0.13	0.0 0.0 0.0	1.0 1.0 1.0	0.0 1.0 1.0	0.0 0.0 1.0	1.0 0.0 1.0

Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* **= 16 hues** ***r00j, r25j, ..., b75r***
contrast reduction factor:
$c_R = 1.0$

ORS18_95aM; adapted (a) CIELAB data

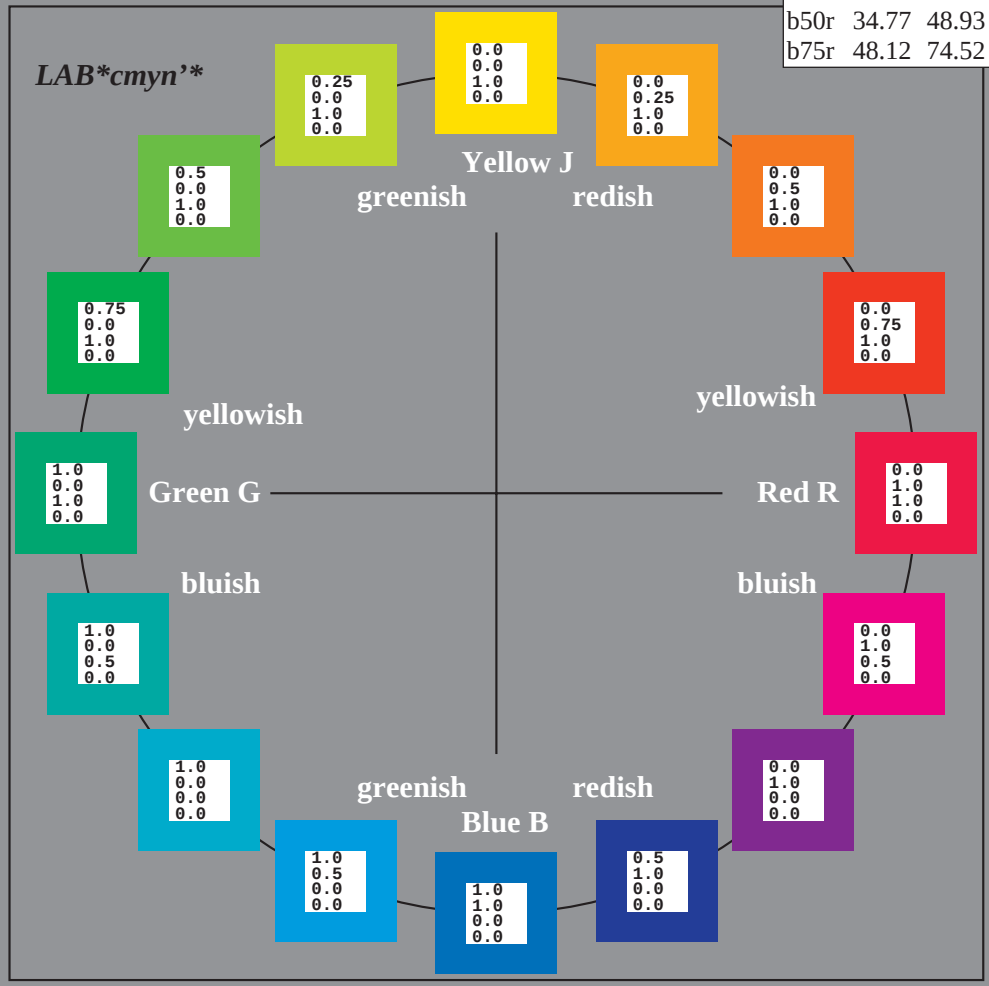
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

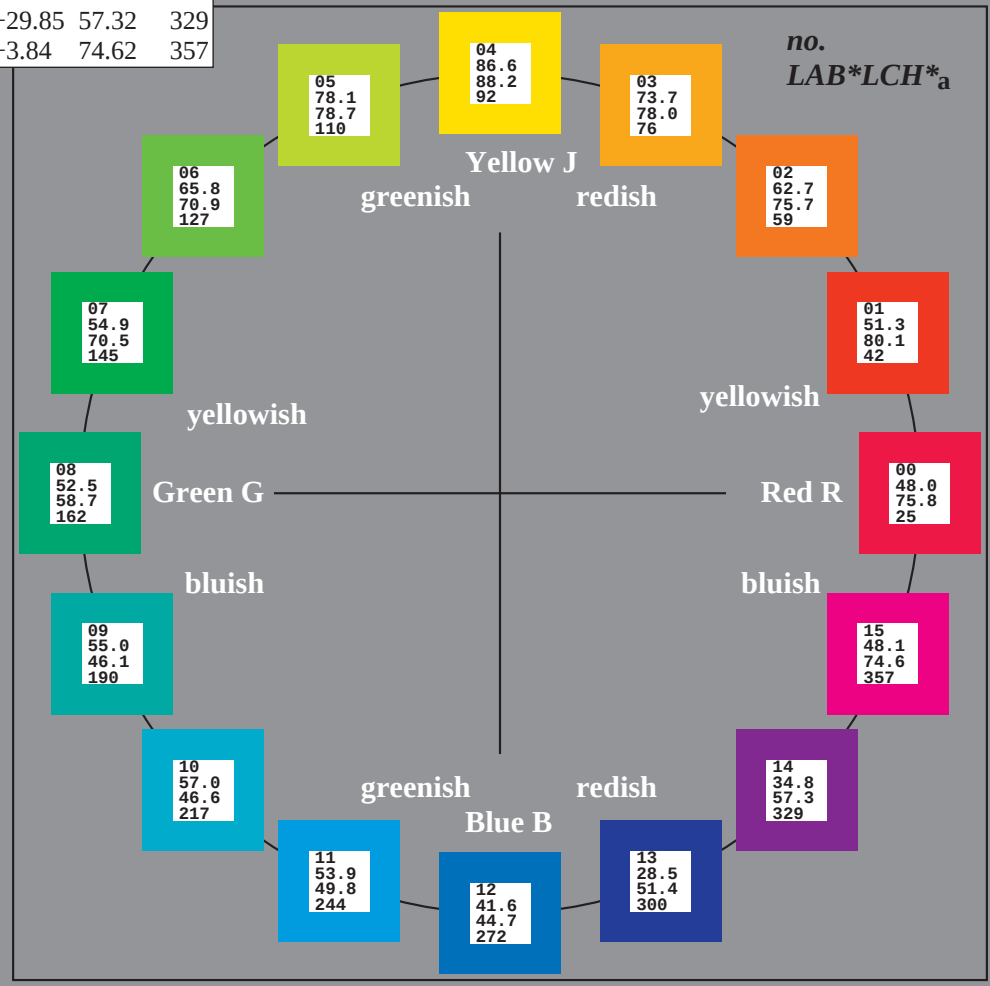


%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

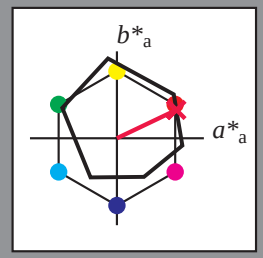




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

u* = r00j
LAB*cmyn'*

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = r00j
contrast reduction factor:
$c_R = 1.0$
triangle lightness *t**



ORS18_95aM; CIELAB data

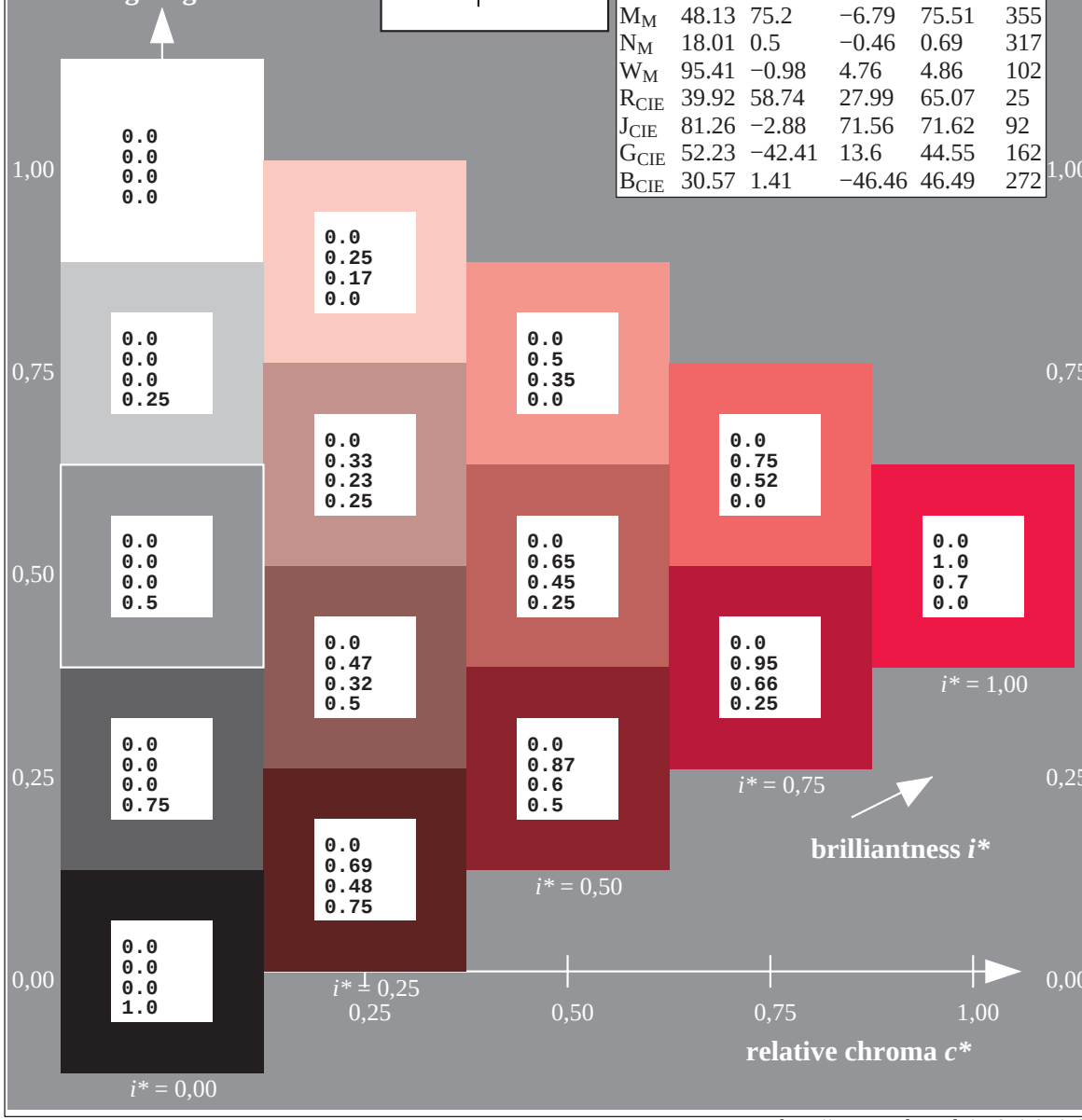
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	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

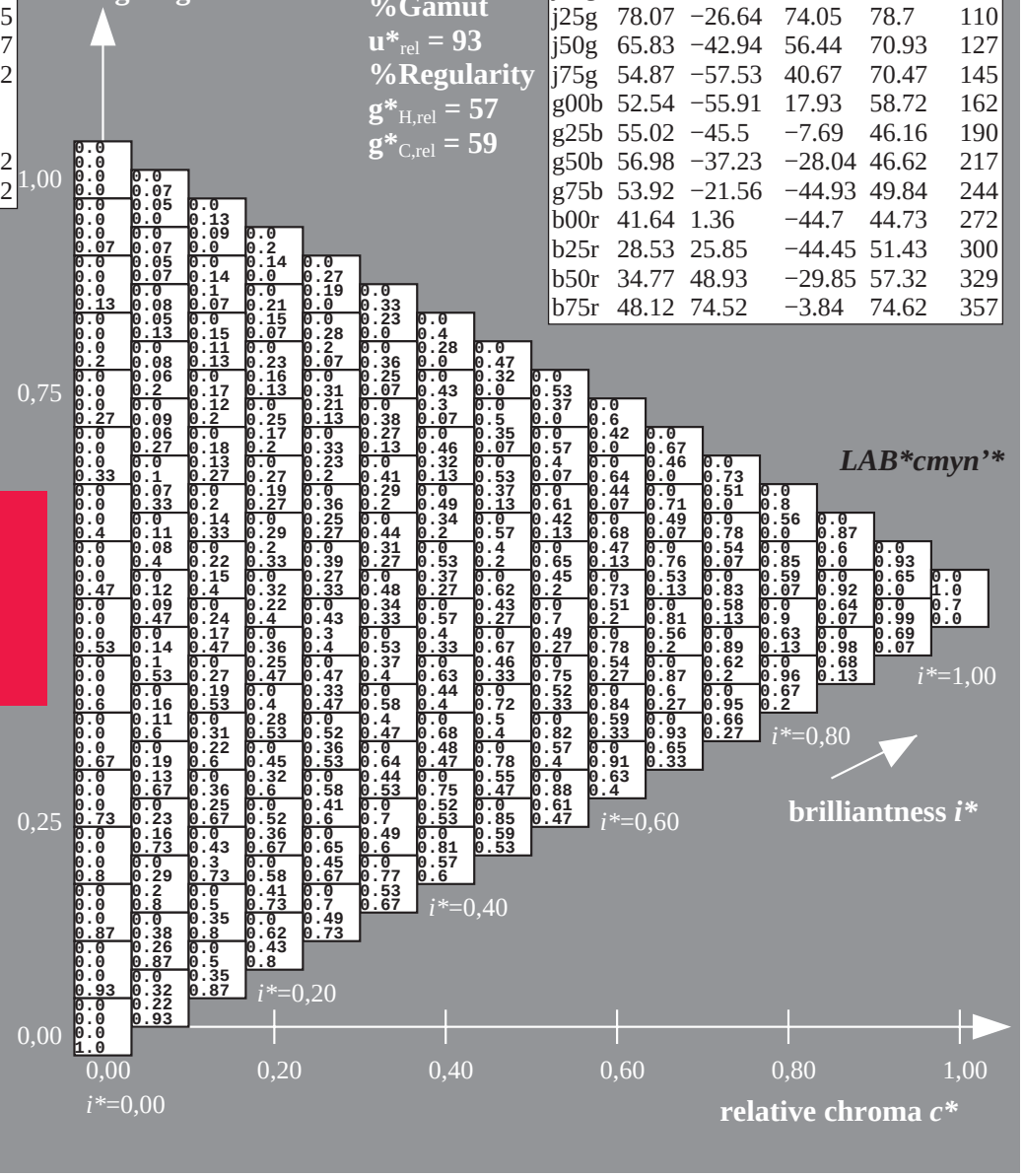
Data for maximum colour (Ma):
LAB*LAB*$_{Ma}$**: 48 68 33**
LAB*LCH*$_{Ma}$**: 48 76 25**
lab*rgb*$_{Ma}$**: 1.0 0.0 0.0**
lab*olv*$_{Ma}$**: 1.0 0.0 0.3**
triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

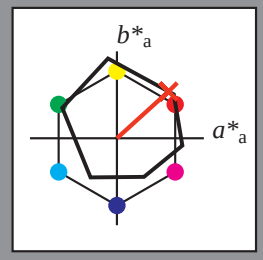




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

$u^* = r25j$
$LAB^*cmyn'^*$

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

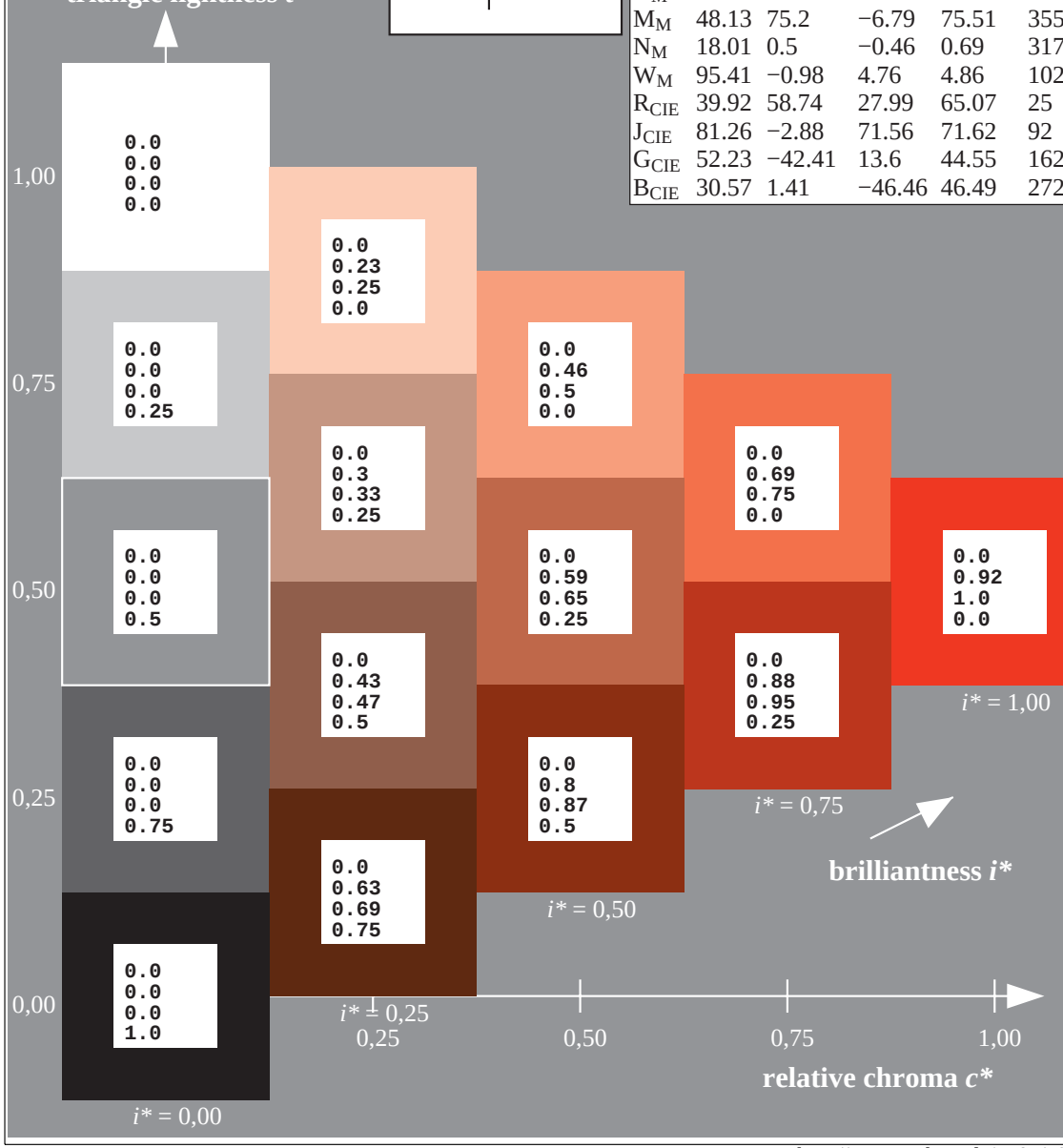
Data for maximum colour (Ma):

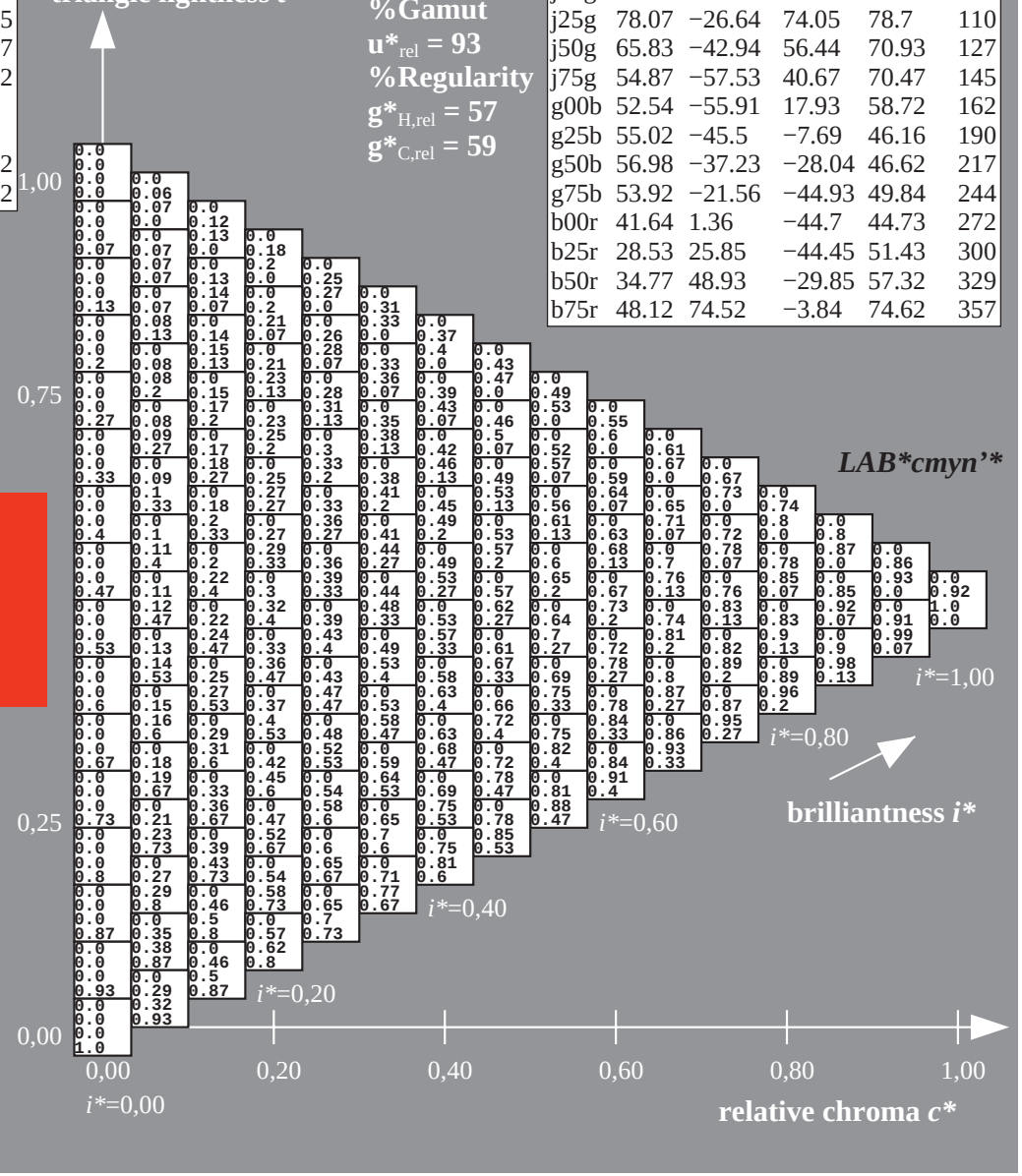
***LAB*LAB**$_{Ma}$: 51 59 54**
***LAB*LCH**$_{Ma}$: 51 80 42**
***lab*rgb**$_{Ma}$: 1.0 0.25 0.0**
***lab*olv**$_{Ma}$: 1.0 0.08 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

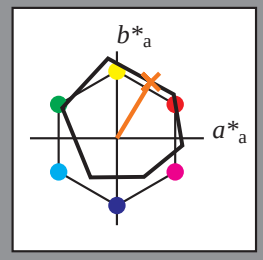




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

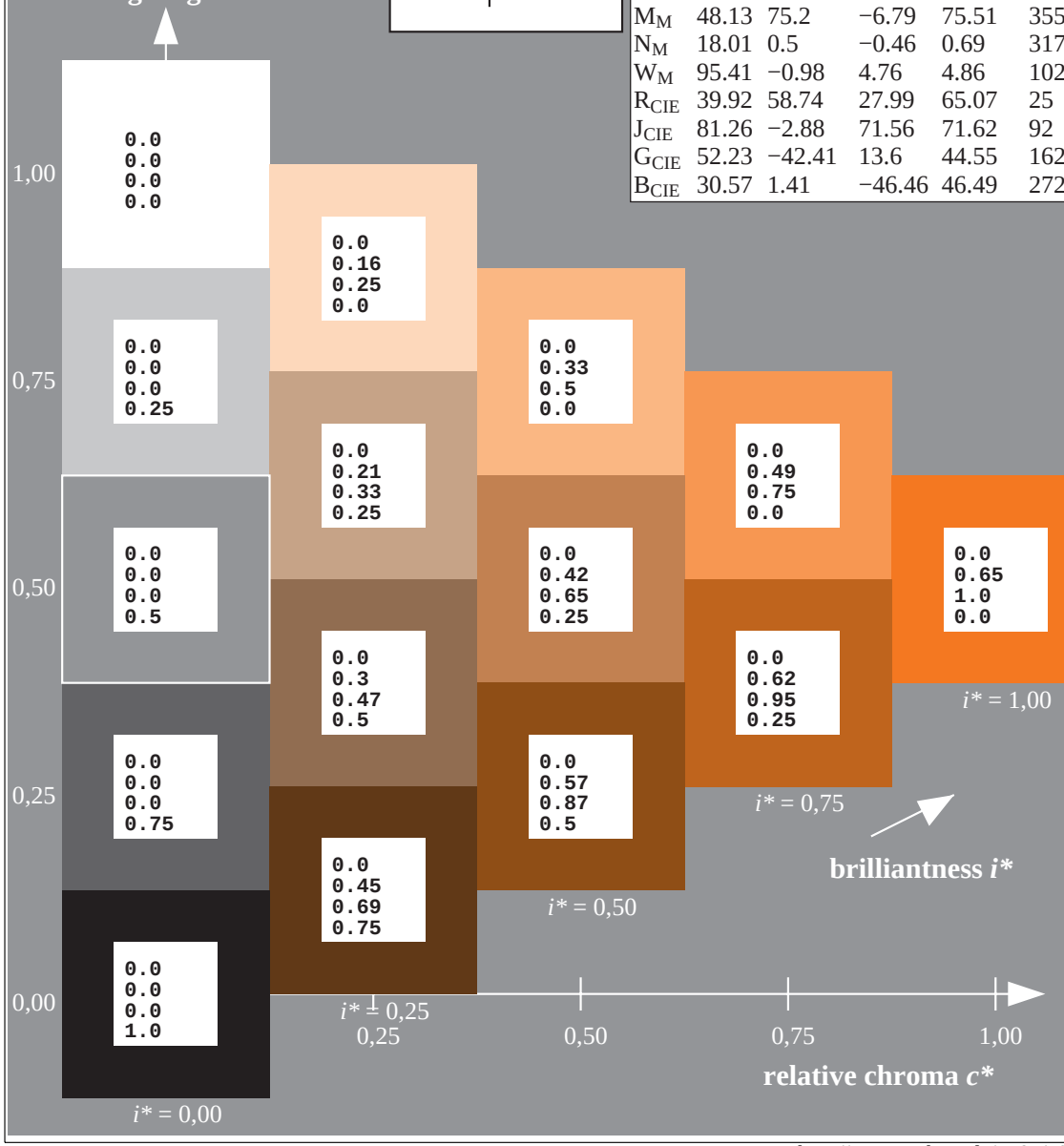
Data for maximum colour (Ma):

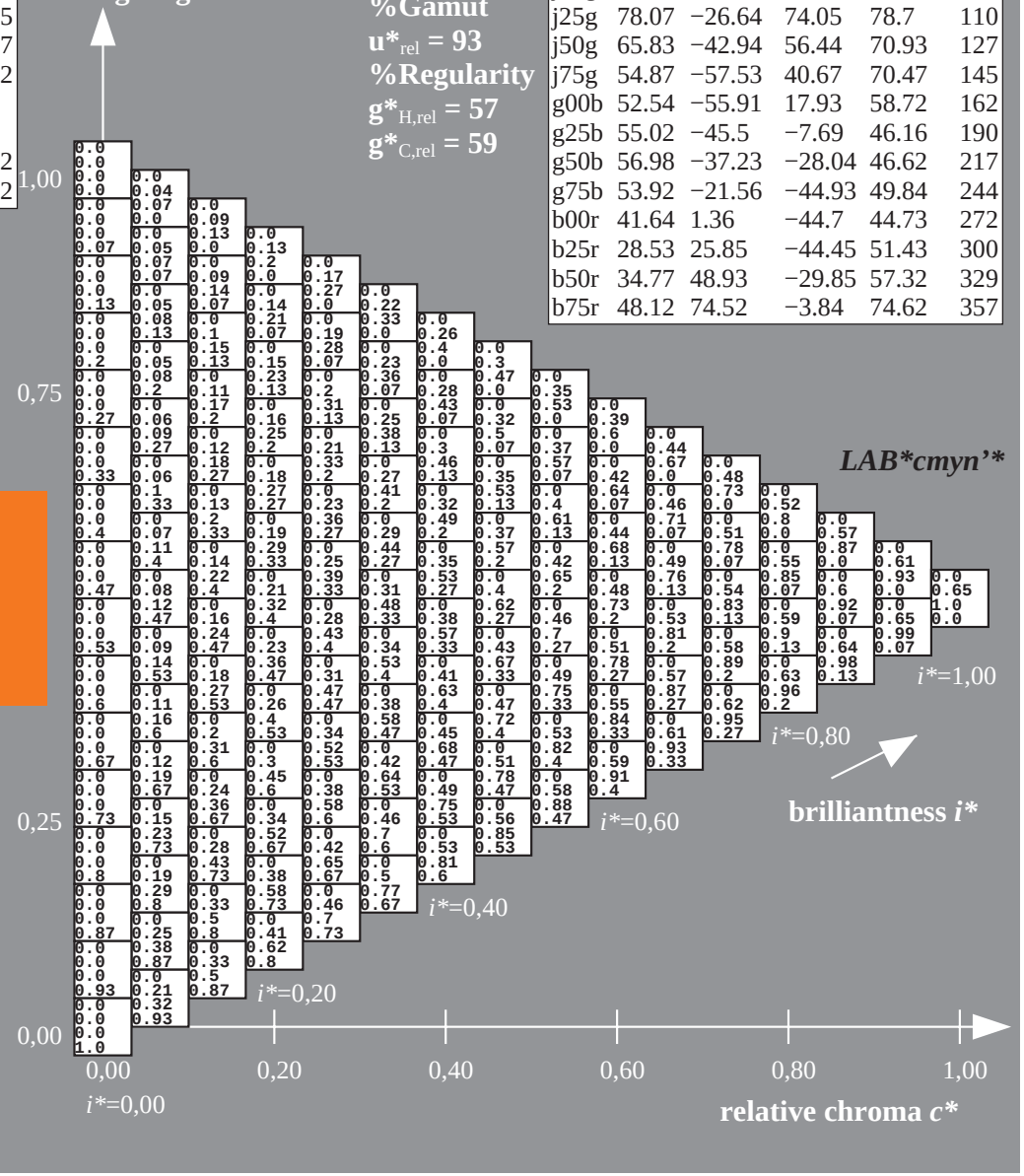
***$LAB^*LAB^*_{Ma}$*: 63 39 65**
***$LAB^*LCH^*_{Ma}$*: 63 76 59**
***$lab^*rgb^*_{Ma}$*: 1.0 0.5 0.0**
***$lab^*olv^*_{Ma}$*: 1.0 0.35 0.0**
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

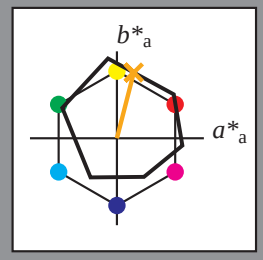




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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):

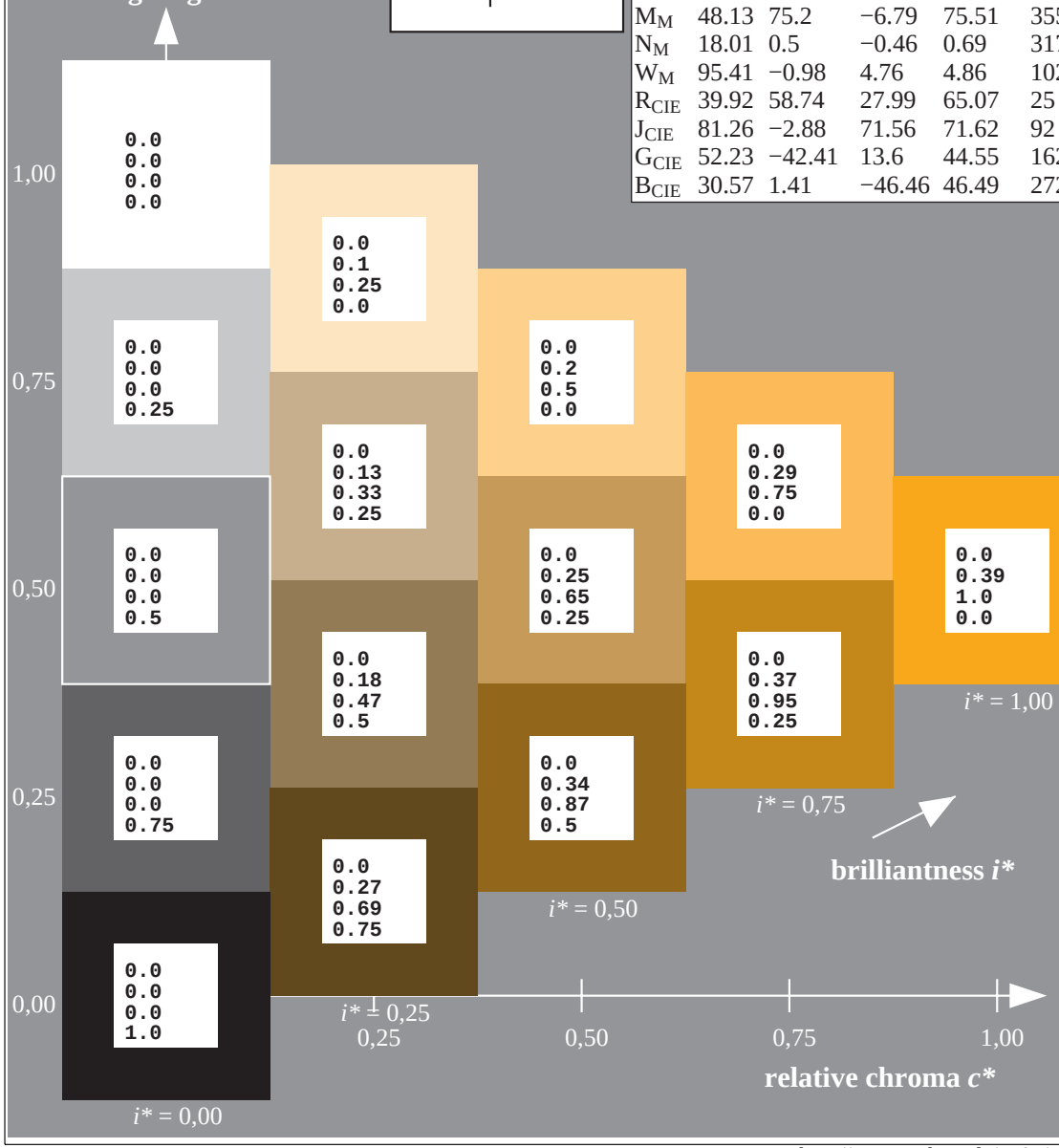
***LAB*LAB**$_{Ma}$: 74 19 76**
***LAB*LCH**$_{Ma}$: 74 78 76**
***lab*rgb**$_{Ma}$: 1.0 0.75 0.0**
***lab*olv**$_{Ma}$: 1.0 0.61 0.0**

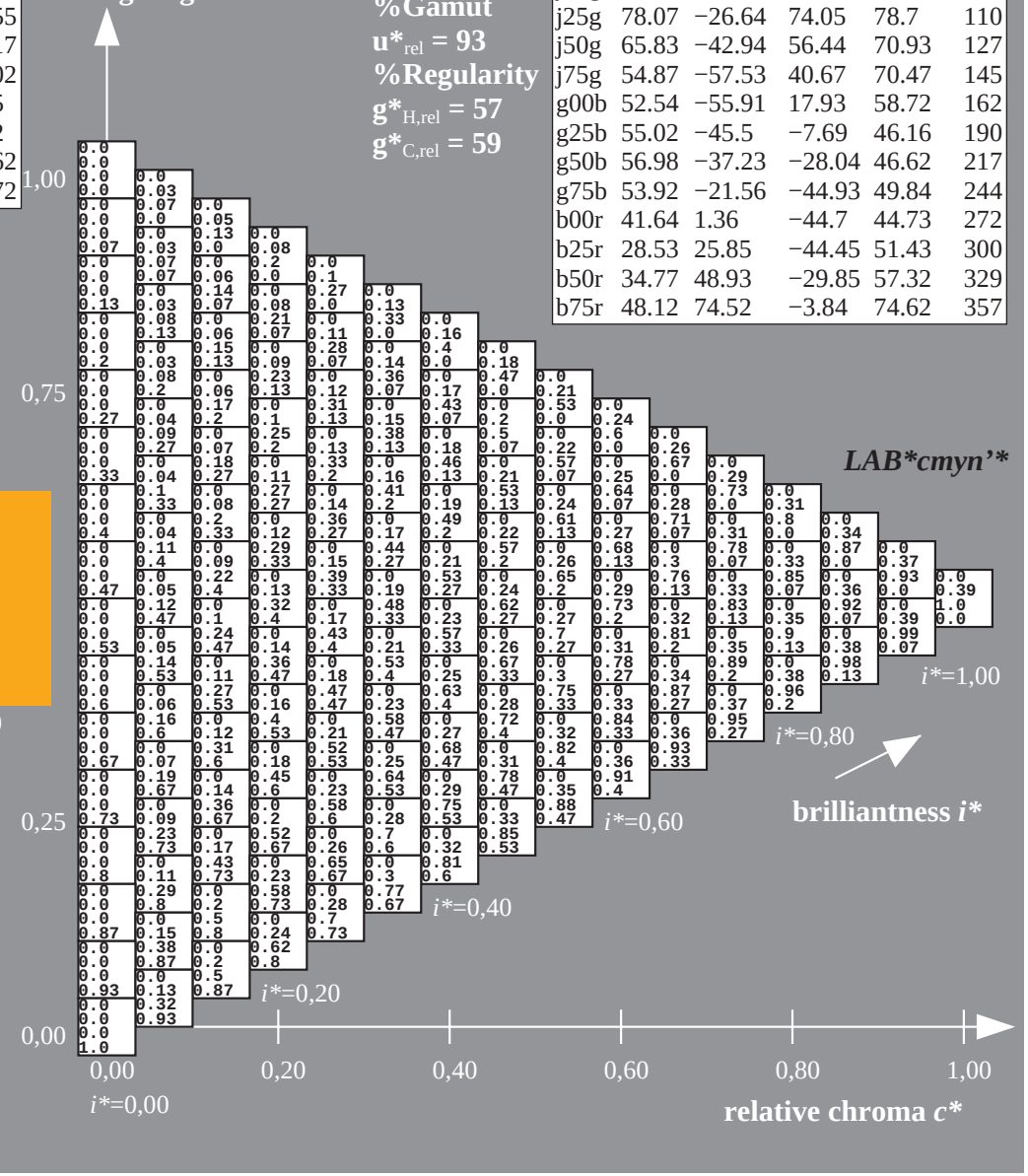
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

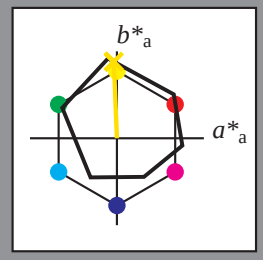




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

u* = j00g
LAB*cmyn'*

data for any colour:
lab*tch* **and** ***lab*icu****
elementary hue text:
u* = j00g
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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):

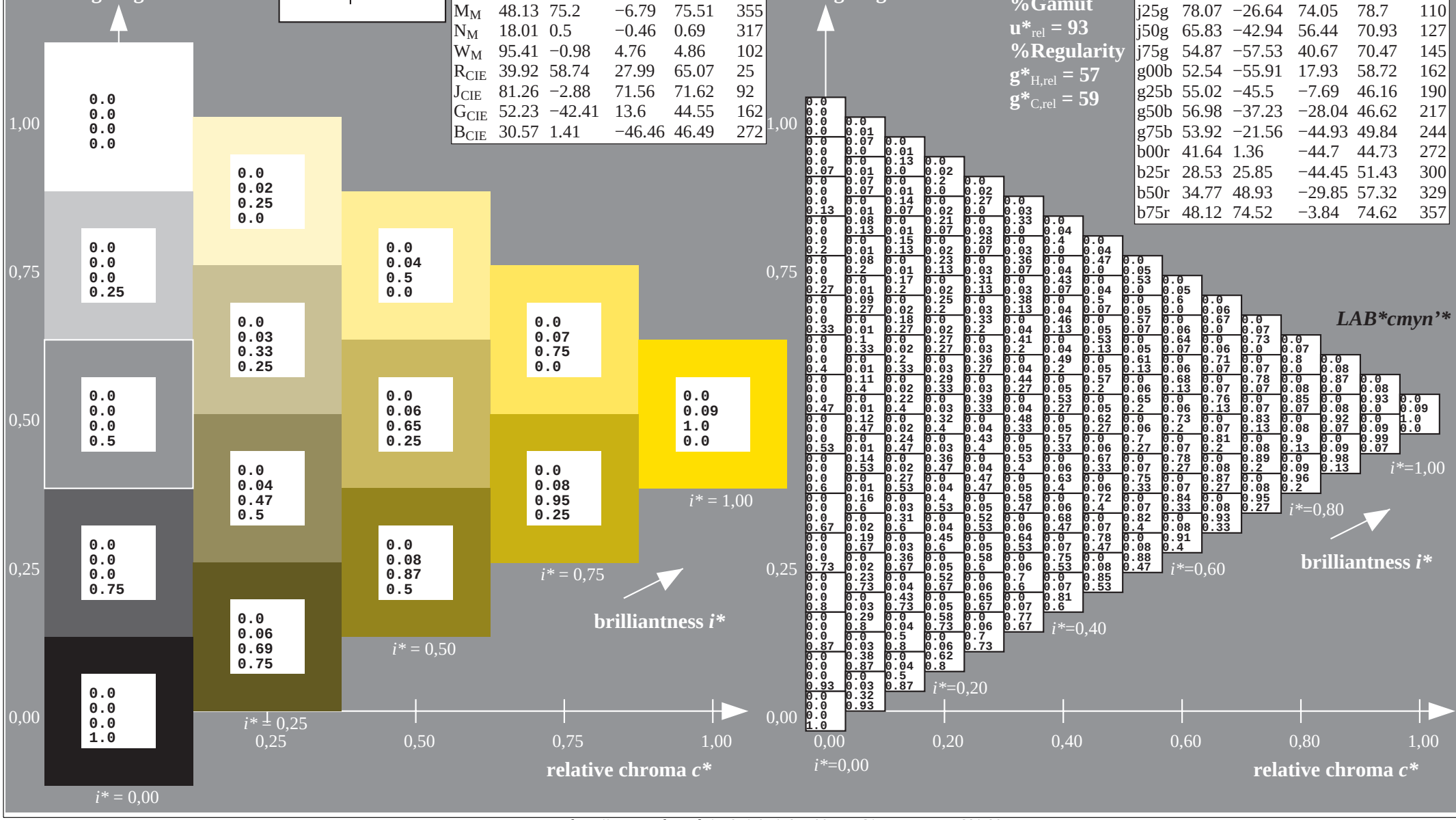
LAB*LAB*$_{Ma}$: 87 −3 88
LAB*LCH*$_{Ma}$: 87 88 92
lab*rgb*$_{Ma}$: 1.0 1.0 0.0
lab*olv*$_{Ma}$: 1.0 0.91 0.0

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

triangle lightness *t**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$

$u^* = j25g$

$LAB^*cmyn'^*$

data for any colour:

lab*tch** and *lab*icu*

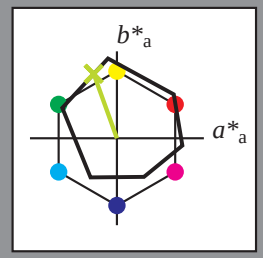
elementary hue text:

u* = j25g

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 −26 74**

***LAB*LCH**$_{Ma}$: 78 79 110**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

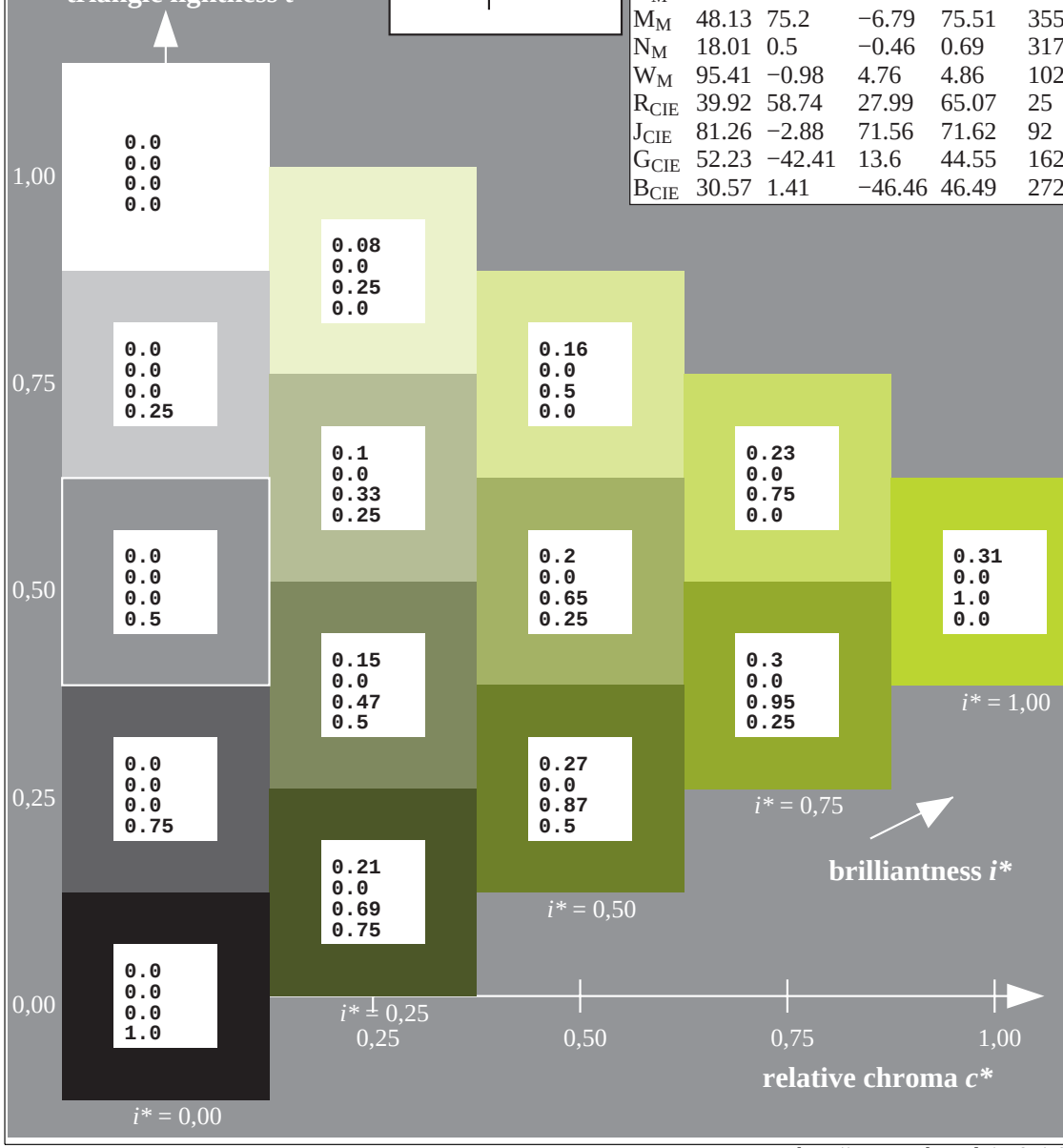
%Regularity

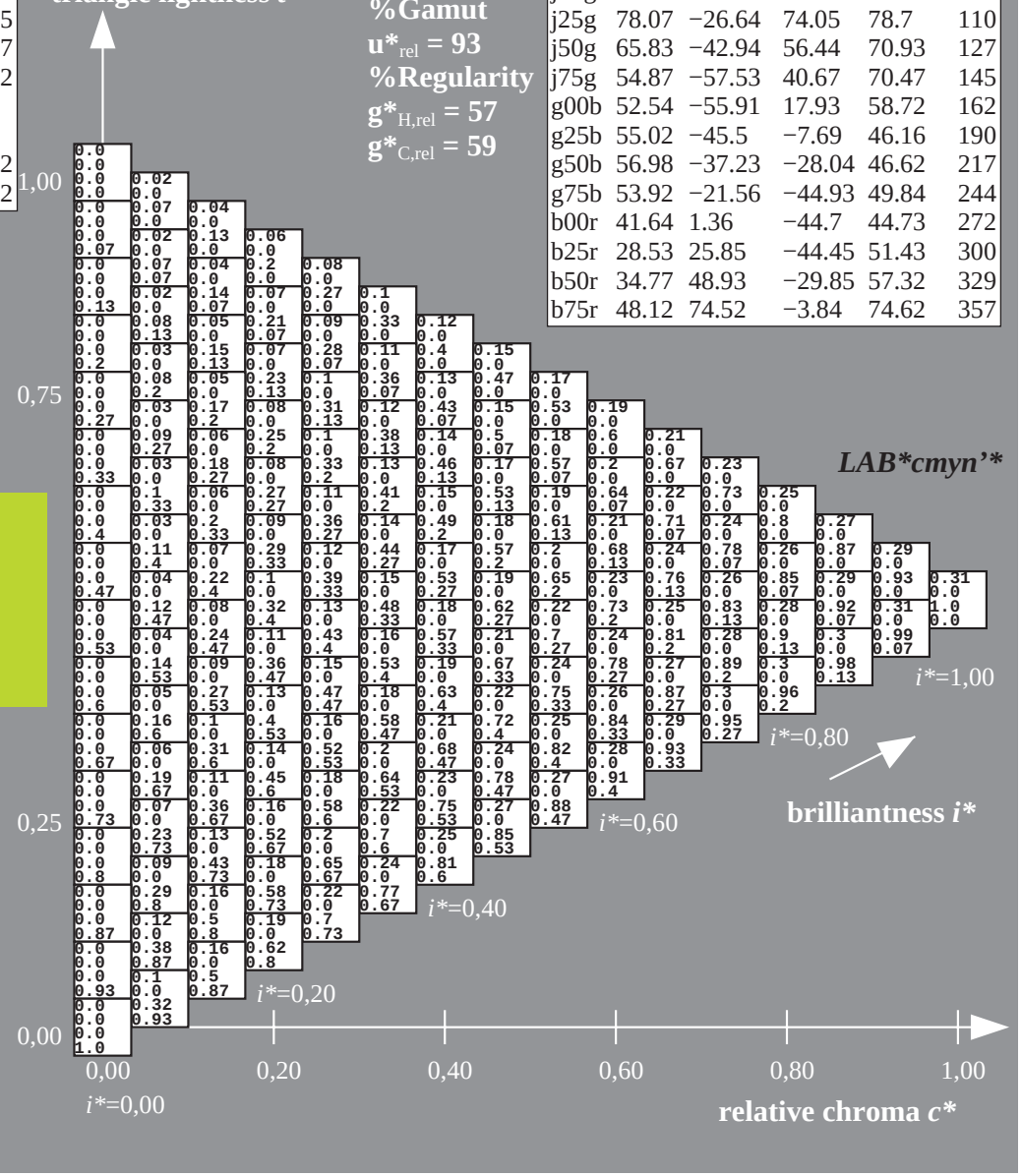
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

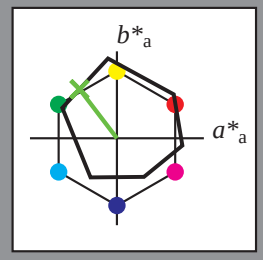




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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):

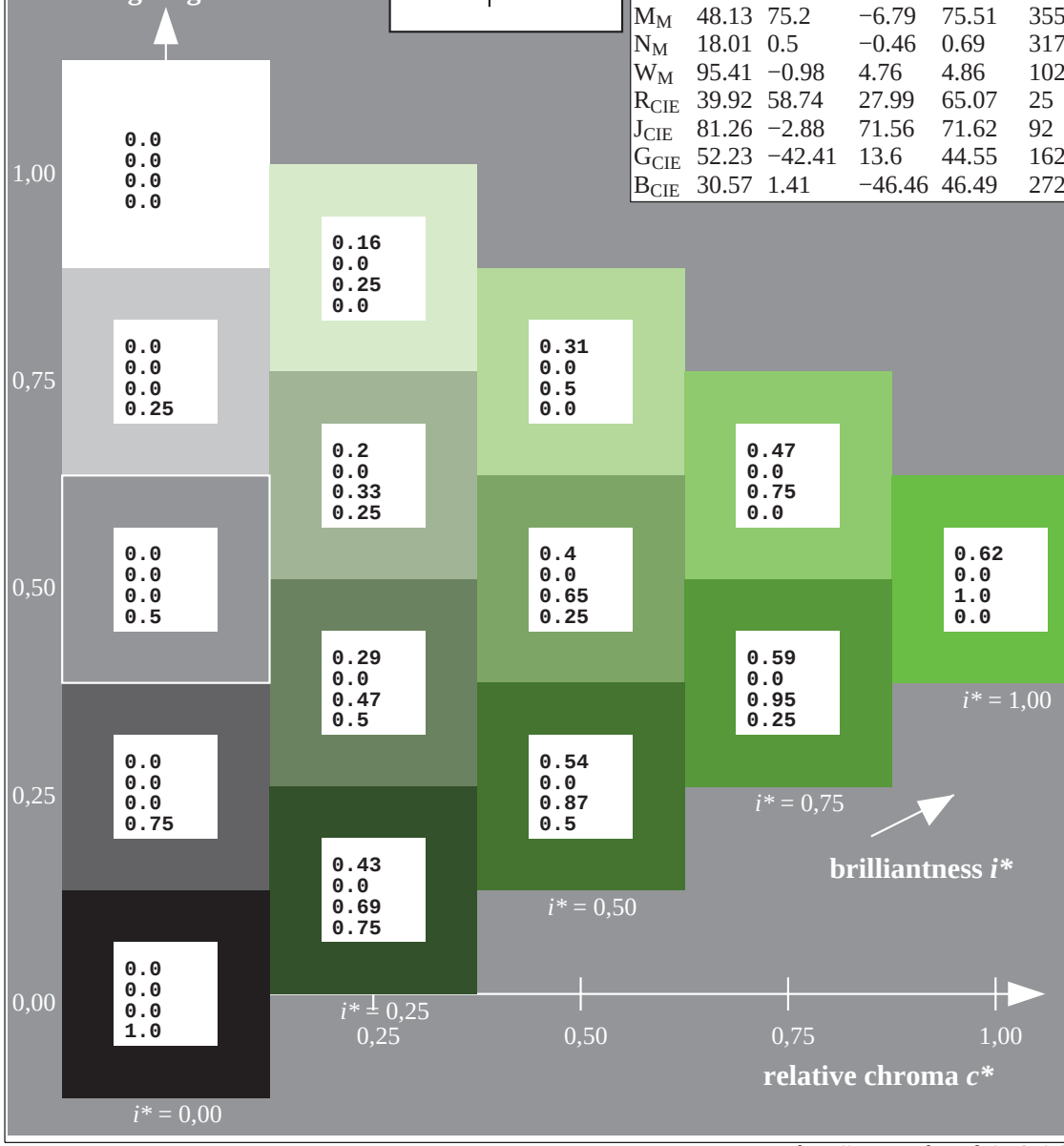
$LAB^*LAB^*_{Ma}$: 66 −42 56
$LAB^*LCH^*_{Ma}$: 66 71 127
$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
$lab^*olv^*_{Ma}$: 0.38 1.0 0.0

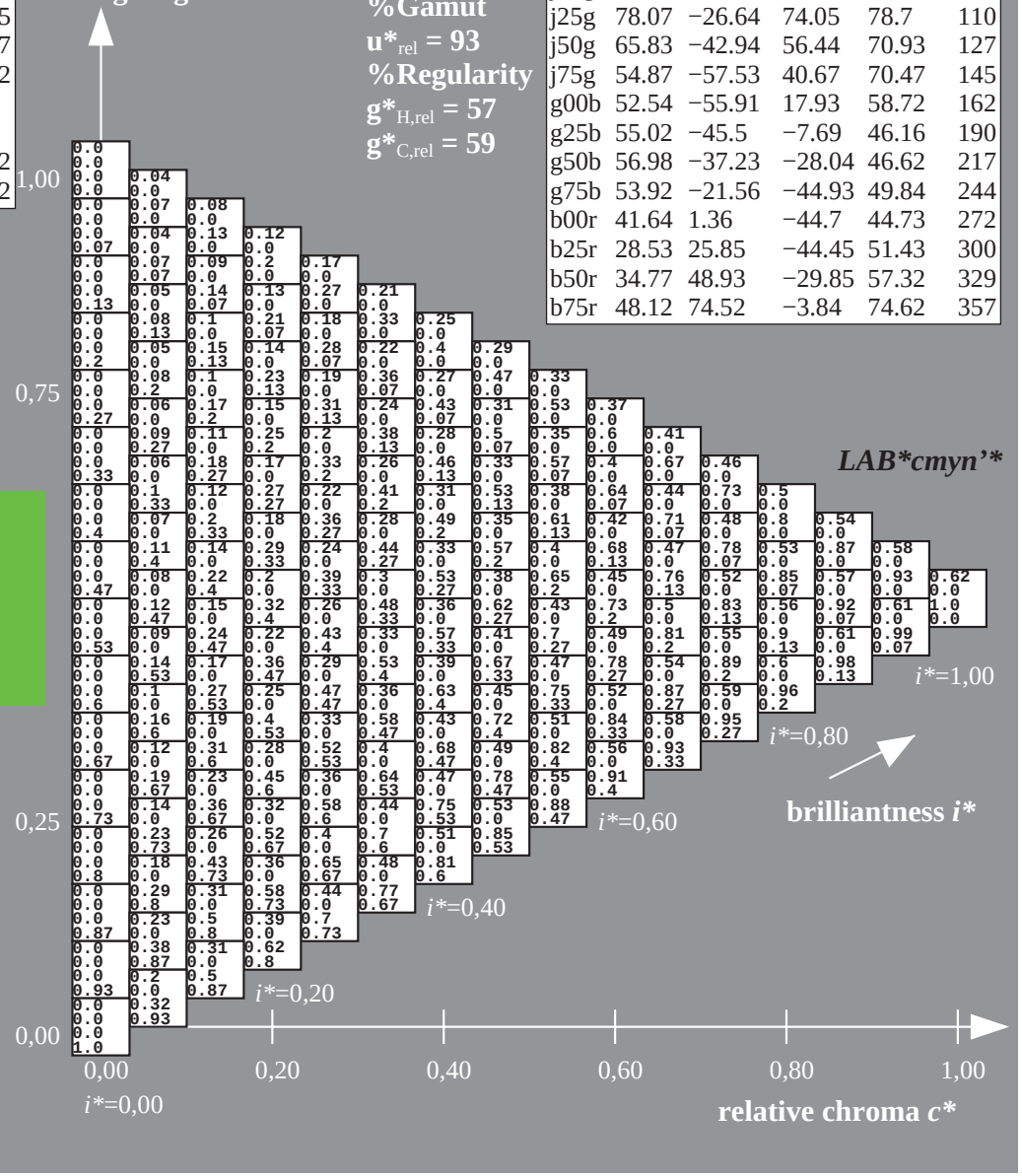
triangle lightness t^*

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357

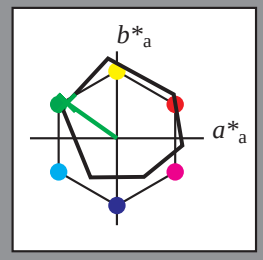




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$

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

data for any colour:
lab*tch** and *lab*icu*
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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

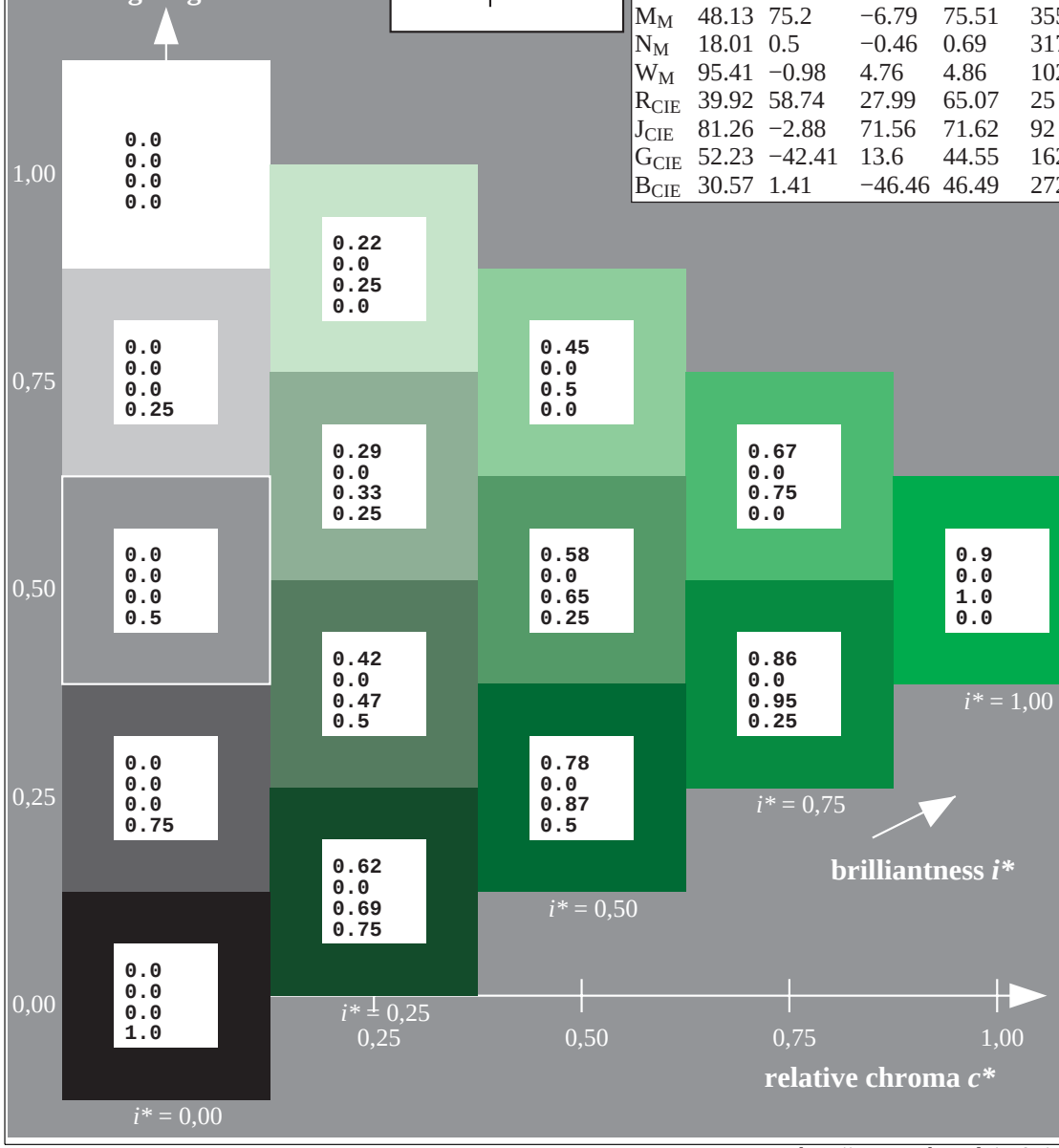
Data for maximum colour (Ma):

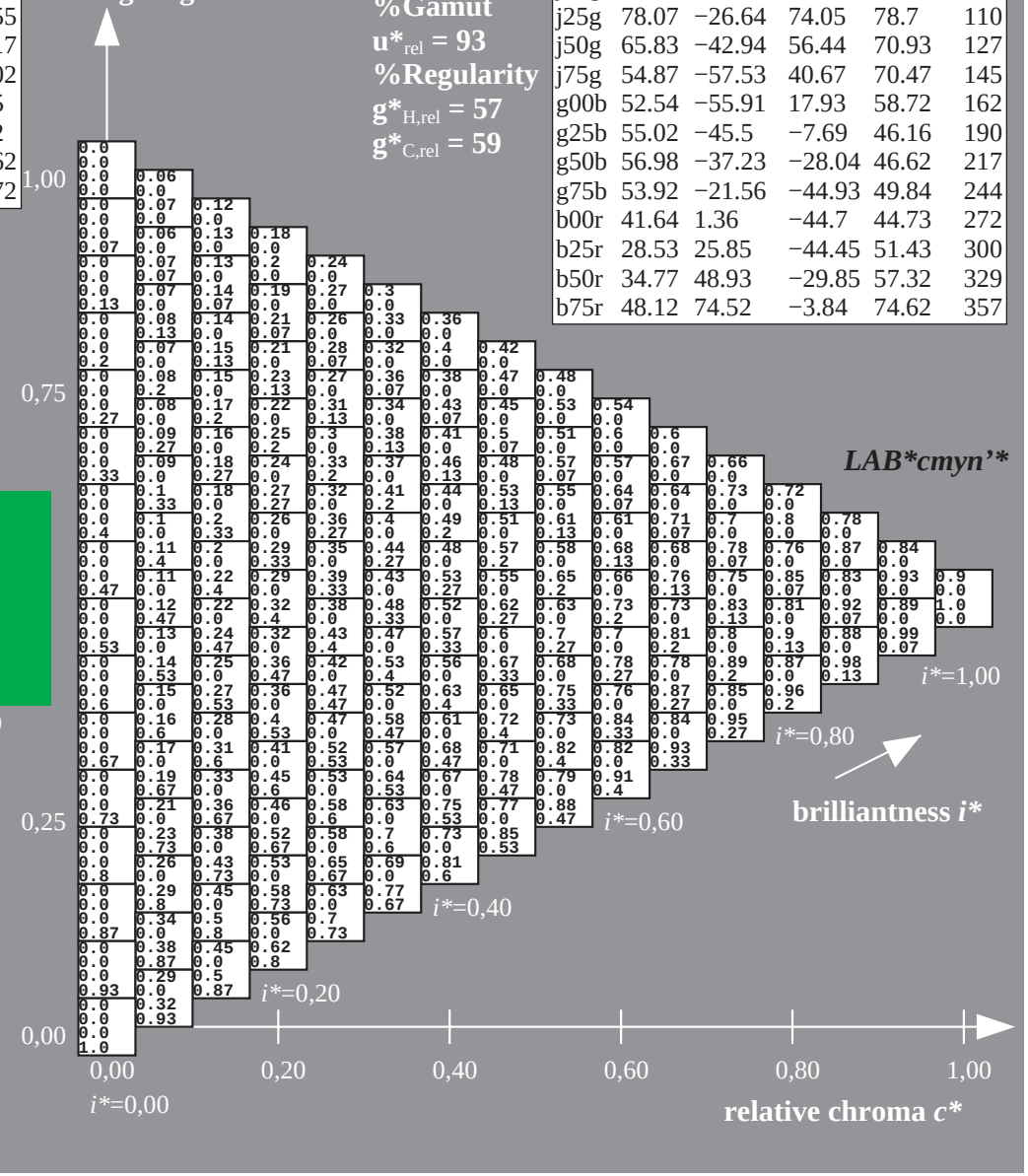
***LAB*LAB**$_{Ma}$: 55 −57 41**
***LAB*LCH**$_{Ma}$: 55 70 145**
***lab*rgb**$_{Ma}$: 0.25 1.0 0.0**
***lab*olv**$_{Ma}$: 0.1 1.0 0.0**

%Gamut
$u^*_{rel} = 93$
%Regularity
$g^*_{H,rel} = 57$
$g^*_{C,rel} = 59$

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

$u^* = g00b$

$LAB^*cmyn'^*$

data for any colour:

lab*tch** and *lab*icu*

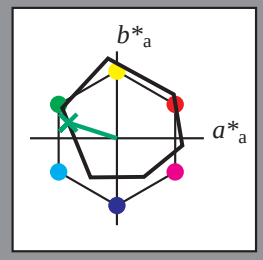
elementary hue text:

u* = g00b

contrast reduction factor:

$c_R = 1.0$

triangle lightness *t**



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 −55 18**

***LAB*LCH**$_{Ma}$: 53 59 162**

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

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

triangle lightness *t**

%Gamut

$u^*_{rel} = 93$

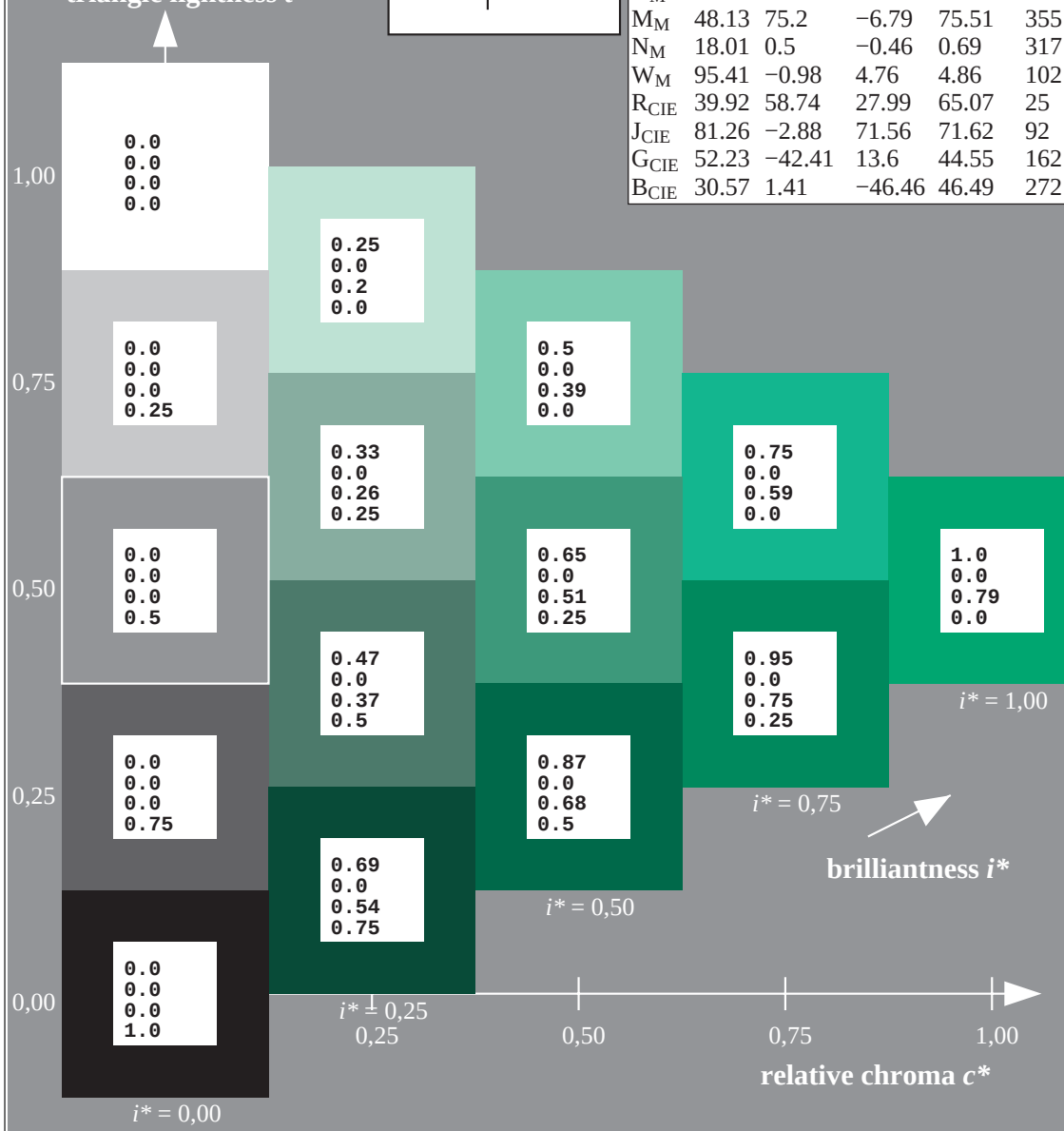
%Regularity

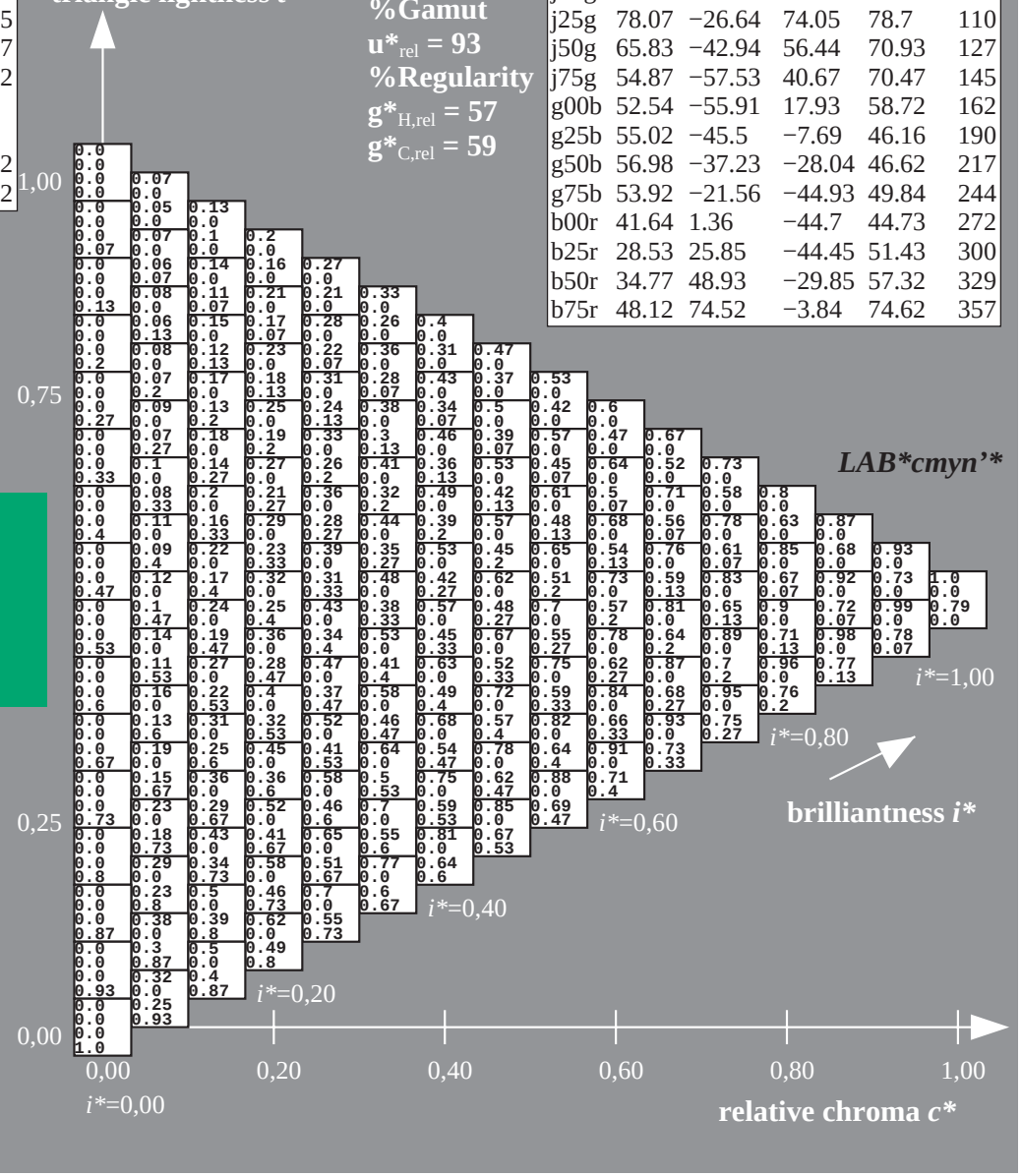
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

$u^* = g25b$

$LAB^*cmyn'^*$

data for any colour:

lab*tch** and *lab*icu*

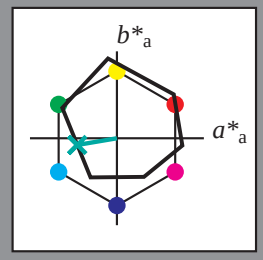
elementary hue text:

$u^* = g25b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 −45 −7**

***LAB*LCH**$_{Ma}$: 55 46 190**

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 93$

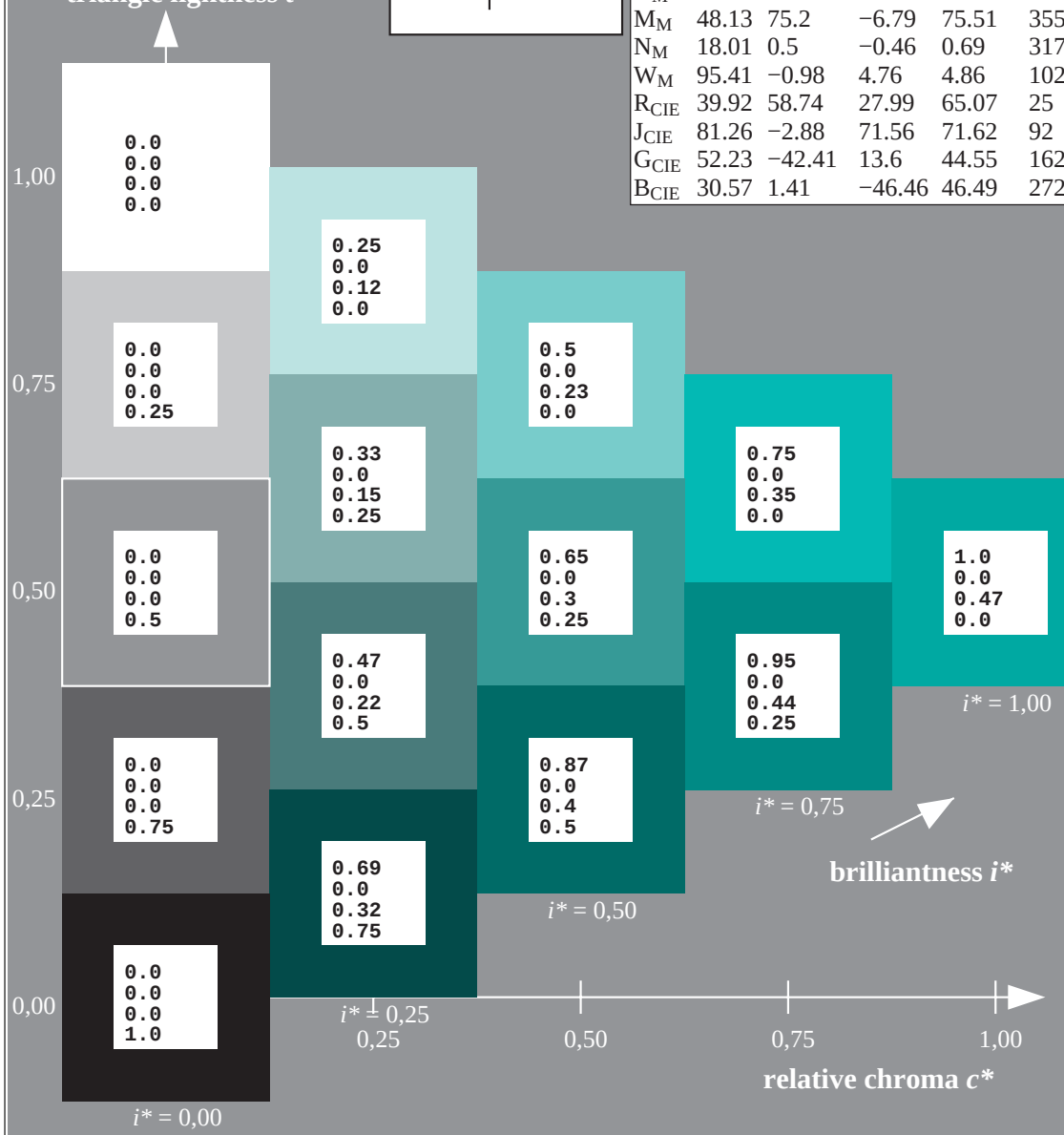
%Regularity

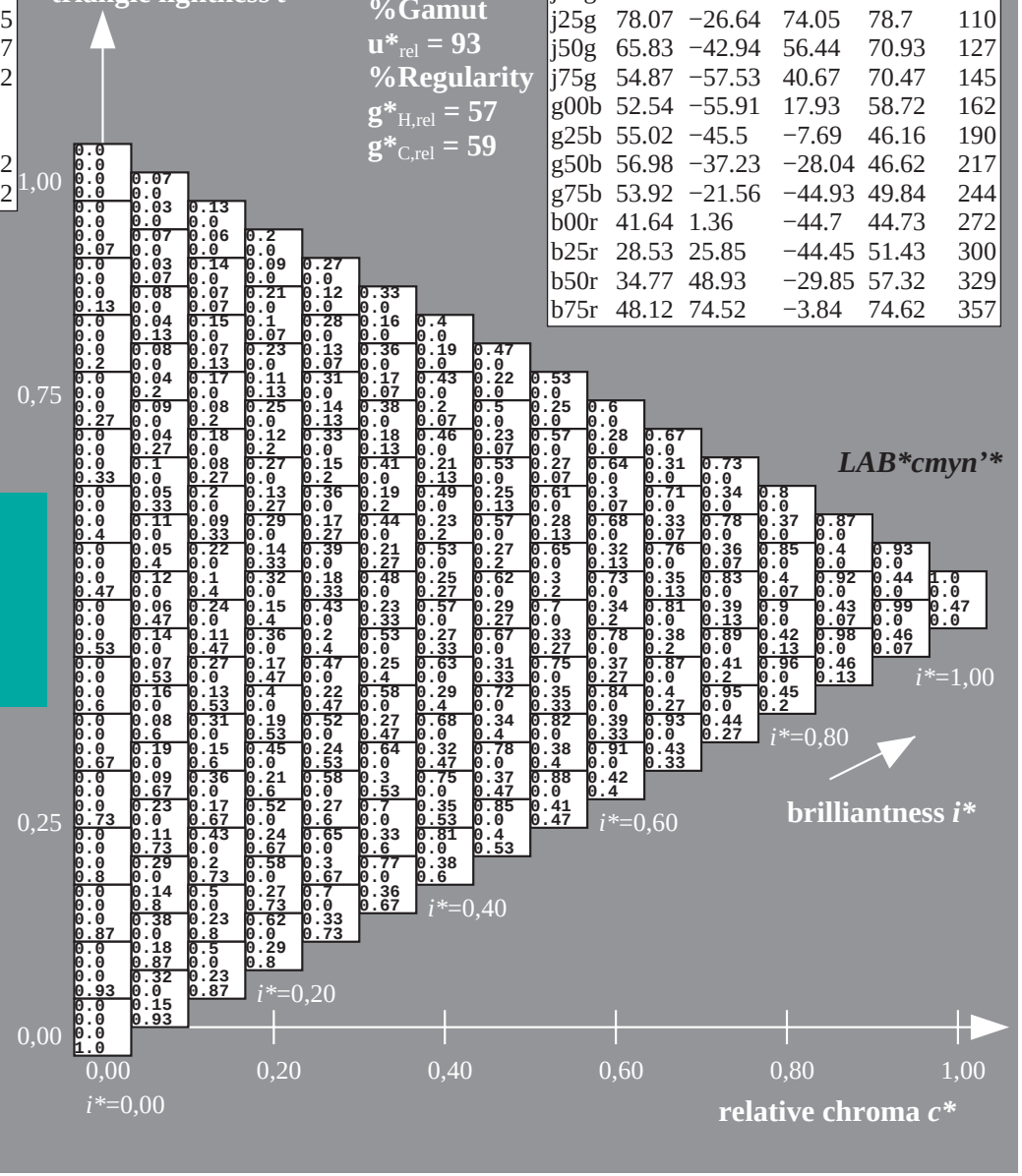
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

$u^* = g50b$

$LAB^*cmyn'^*$

data for any colour:

lab*tch* and lab*icu*

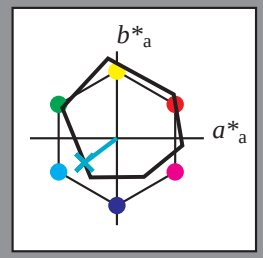
elementary hue text:

$u^* = g50b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 −36 −27**

***$LAB^*LCH^*_{Ma}$*: 57 47 217**

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 93$

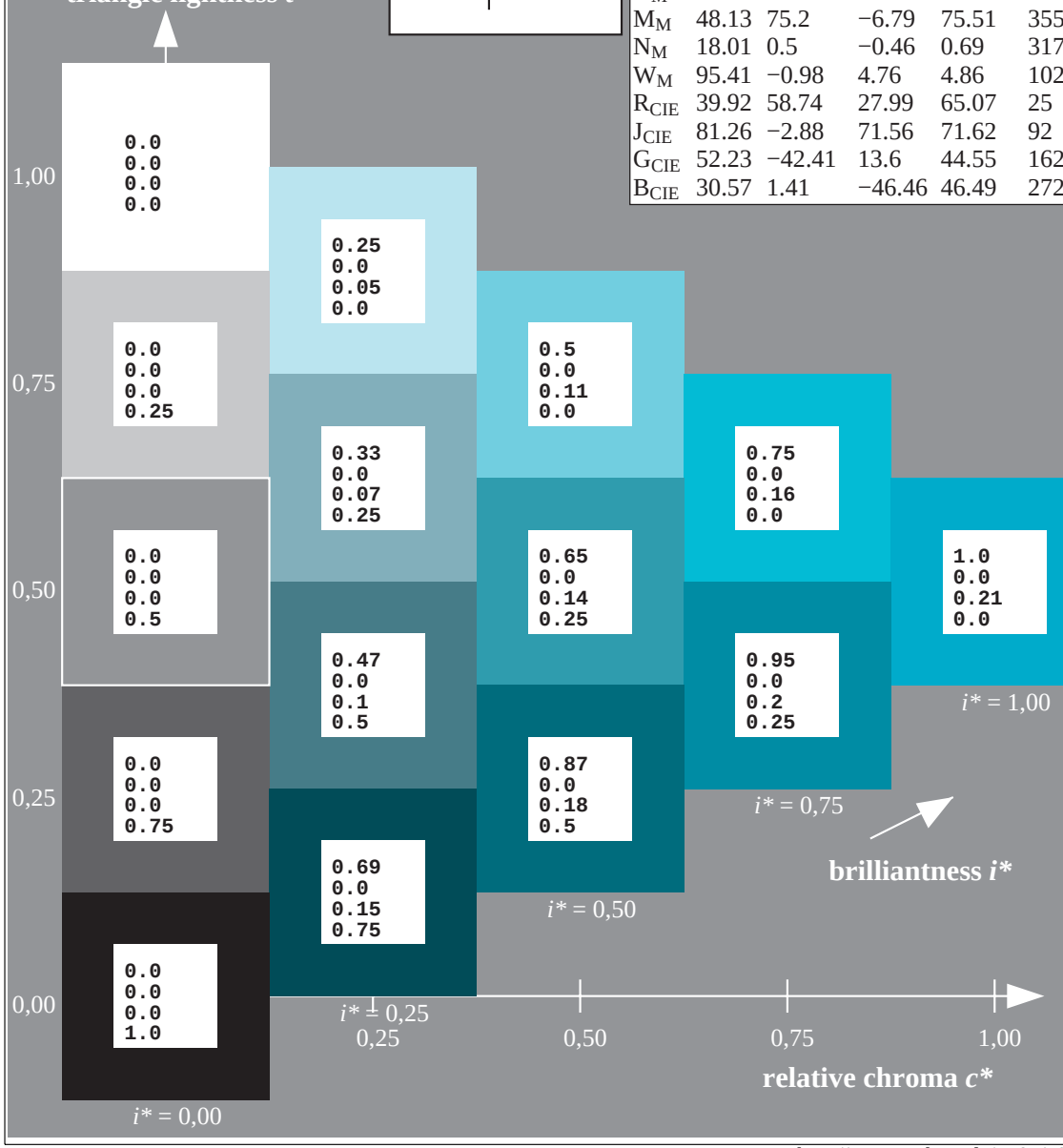
%Regularity

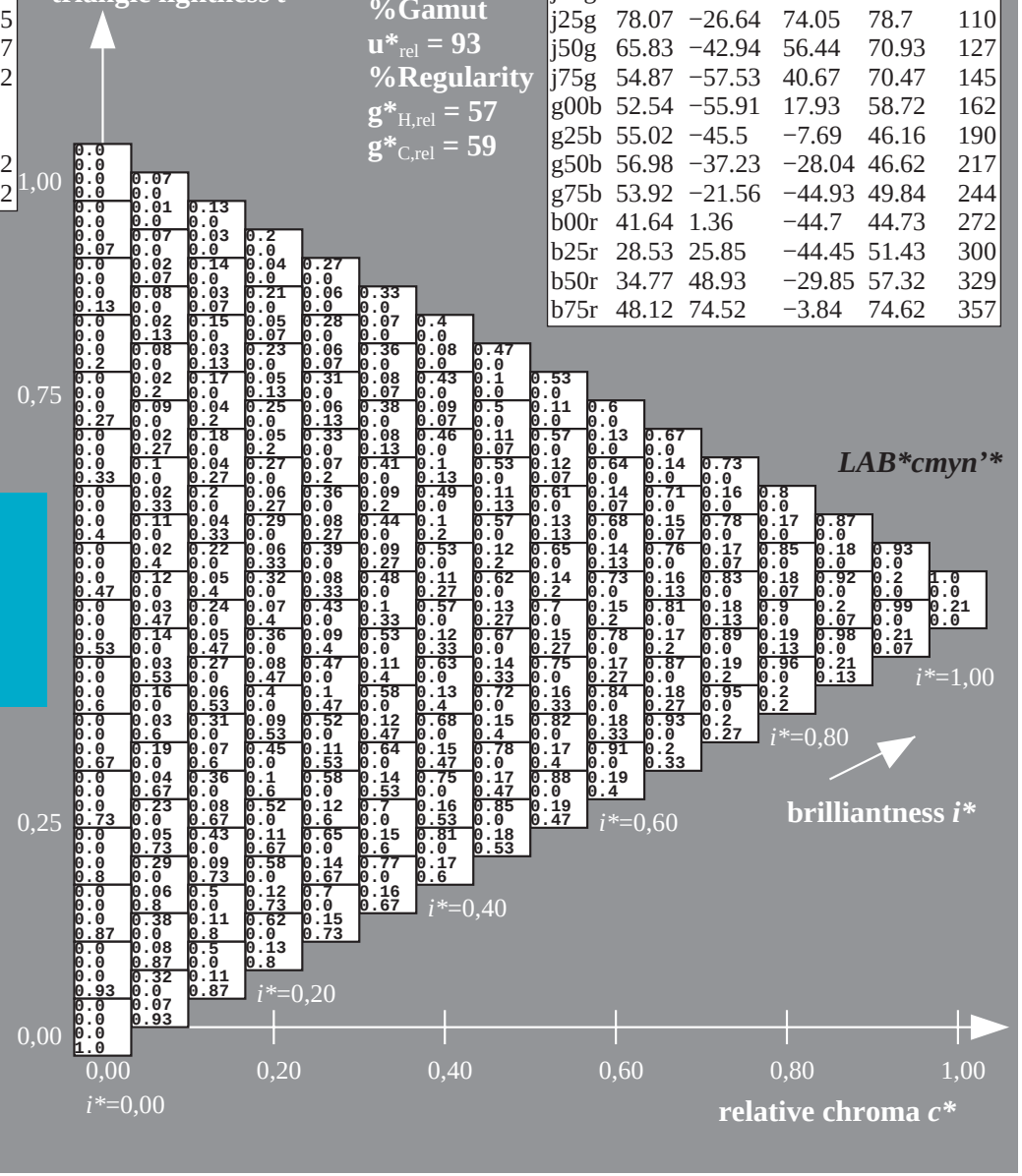
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

$u^* = g75b$

$LAB^*cmyn'^*$

data for any colour:

lab*tch** and *lab*icu*

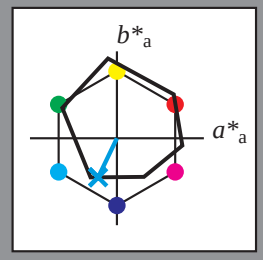
elementary hue text:

$u^* = g75b$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 −21 −44**

***LAB*LCH**$_{Ma}$: 54 50 244**

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 93$

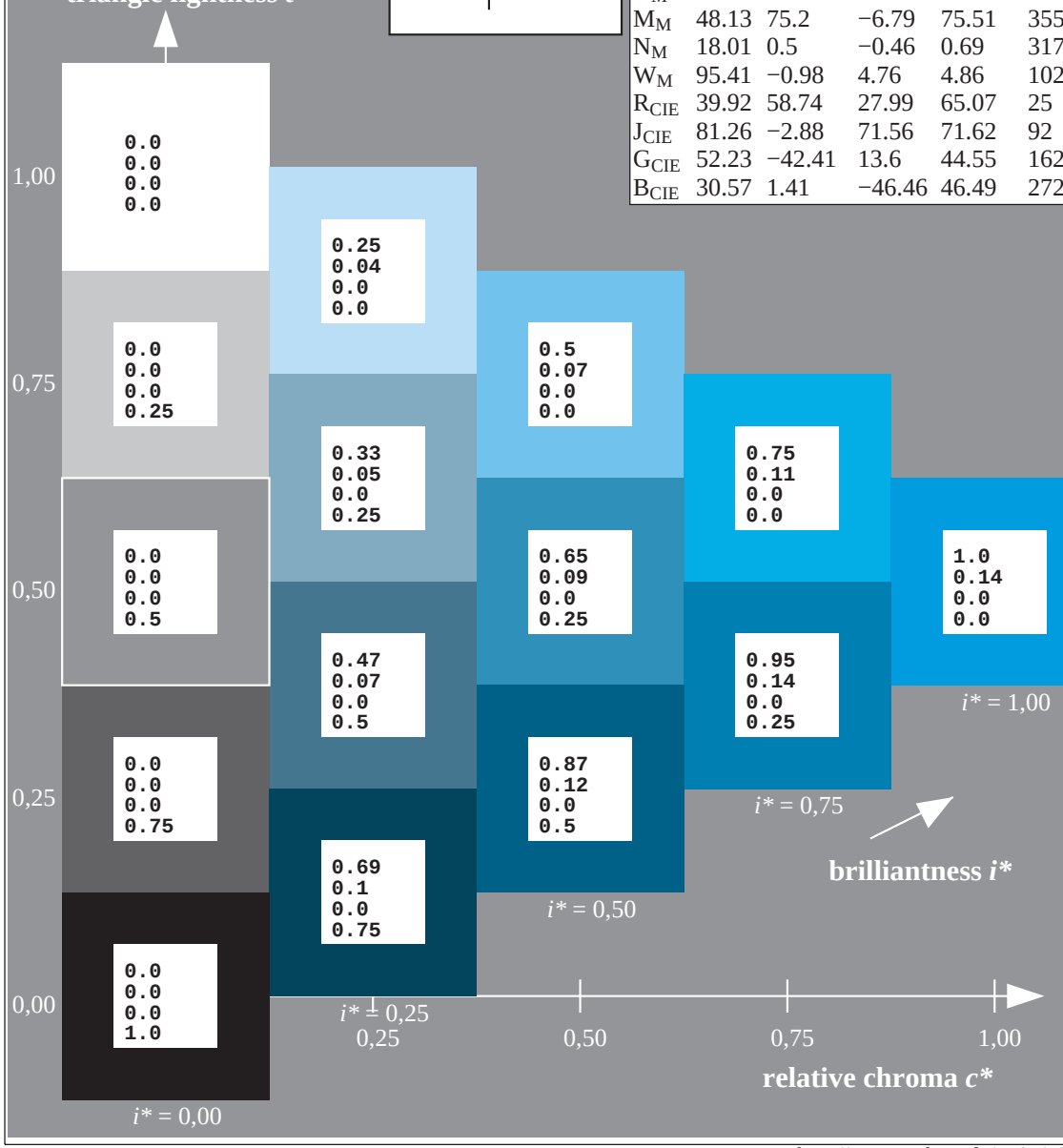
%Regularity

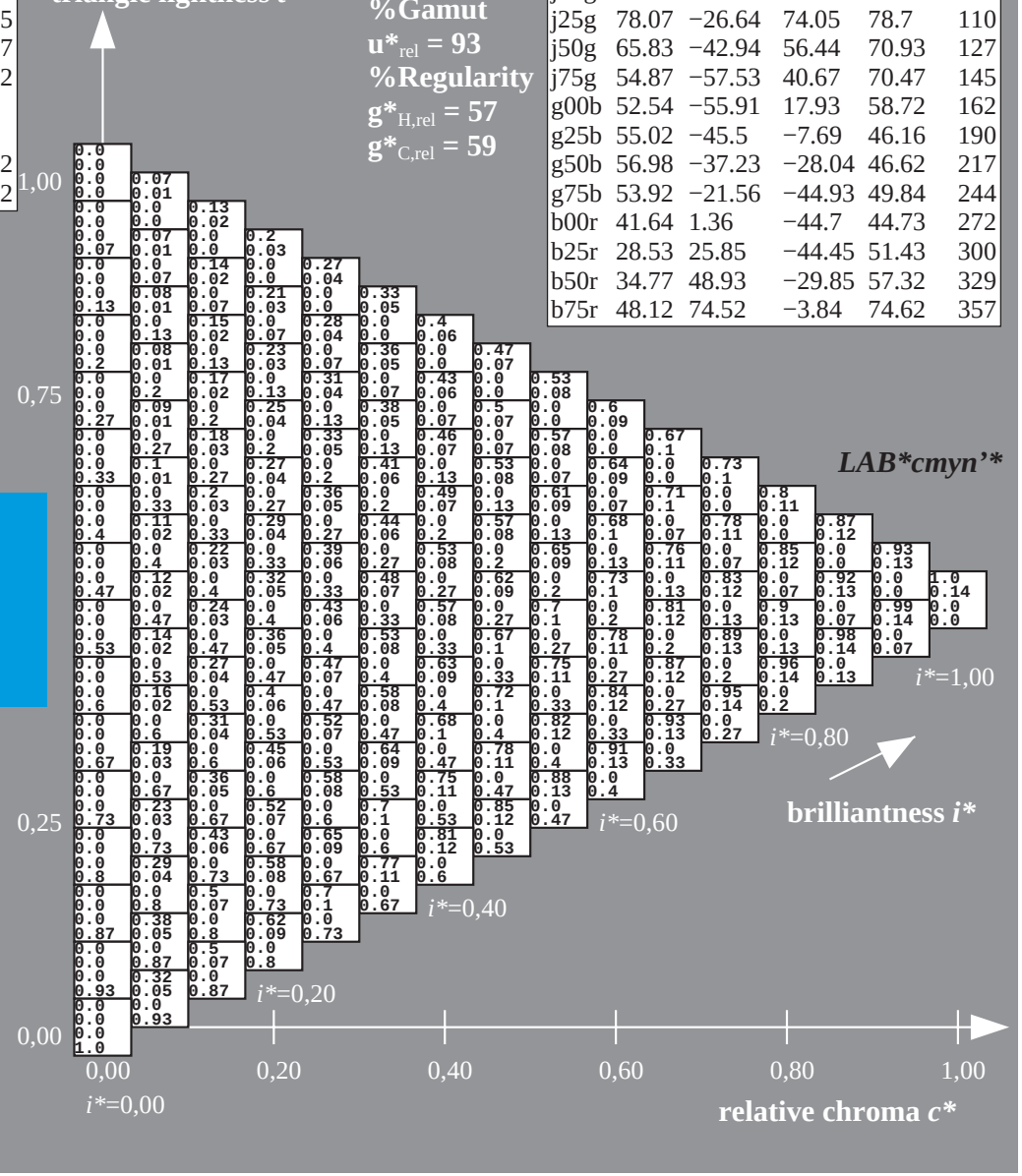
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

$u^* = b00r$

$LAB^*cmyn'^*$

data for any colour:

lab*tch** and *lab*icu*

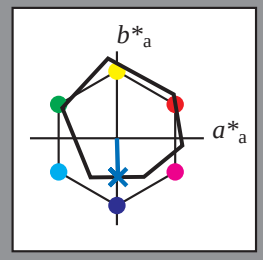
elementary hue text:

$u^* = b00r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 −44**

***LAB*LCH**$_{Ma}$: 42 45 272**

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 93$

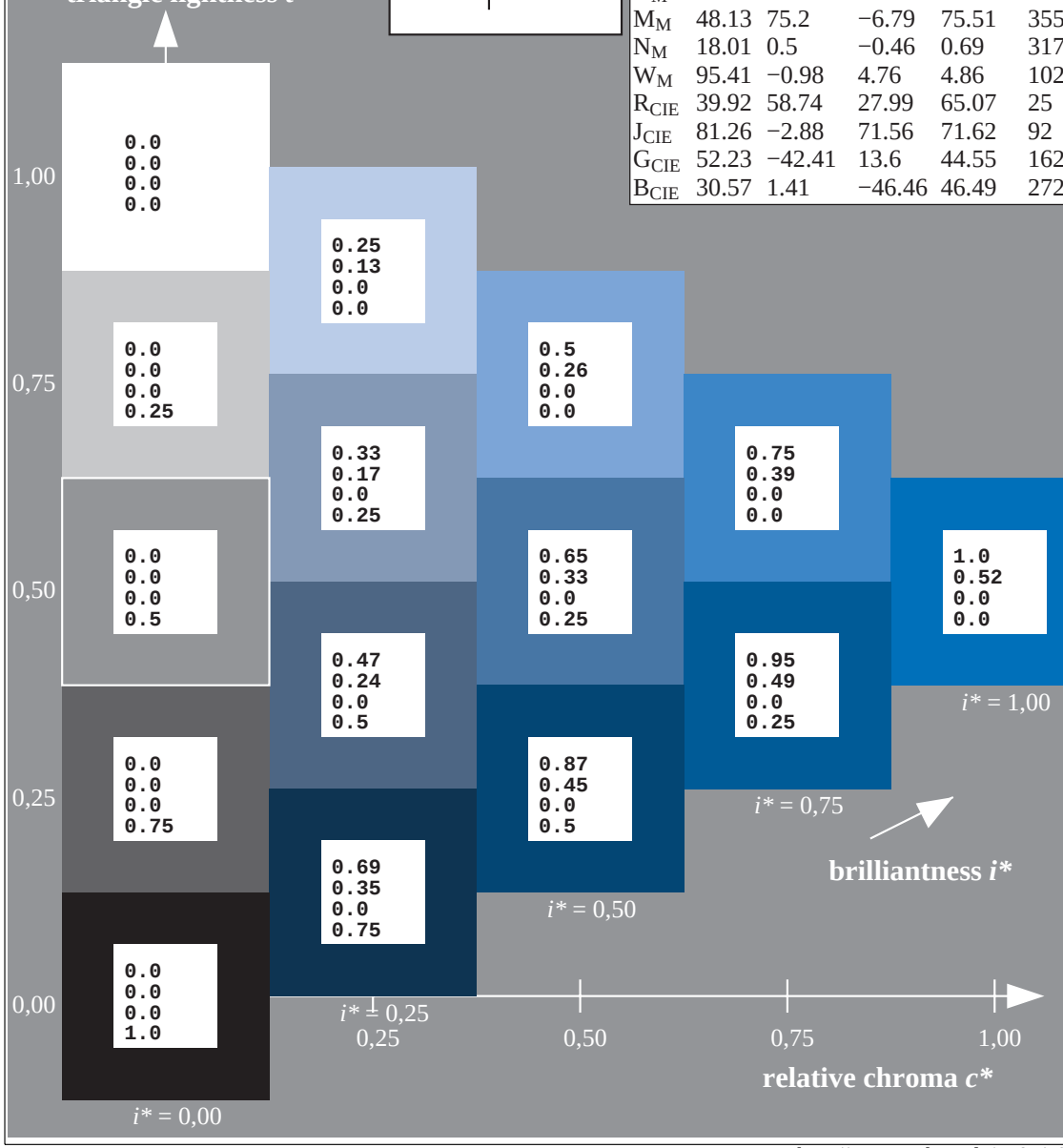
%Regularity

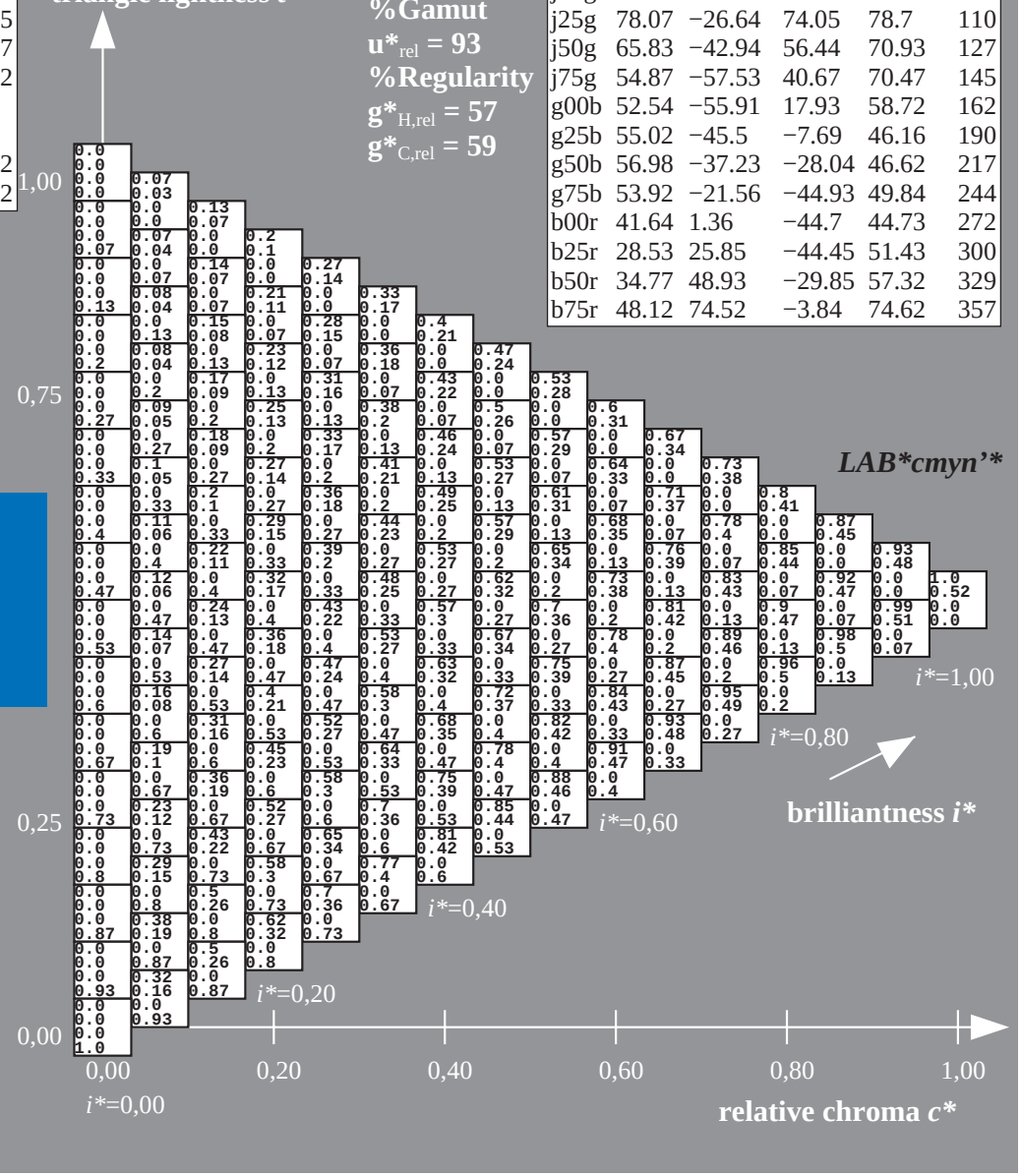
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

$u^* = b25r$

$LAB^*cmyn'^*$

data for any colour:

lab*tch** and *lab*icu*

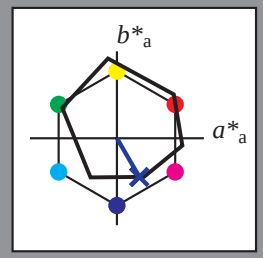
elementary hue text:

$u^* = b25r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 26 −43**

***LAB*LCH**$_{Ma}$: 29 51 300**

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 93$

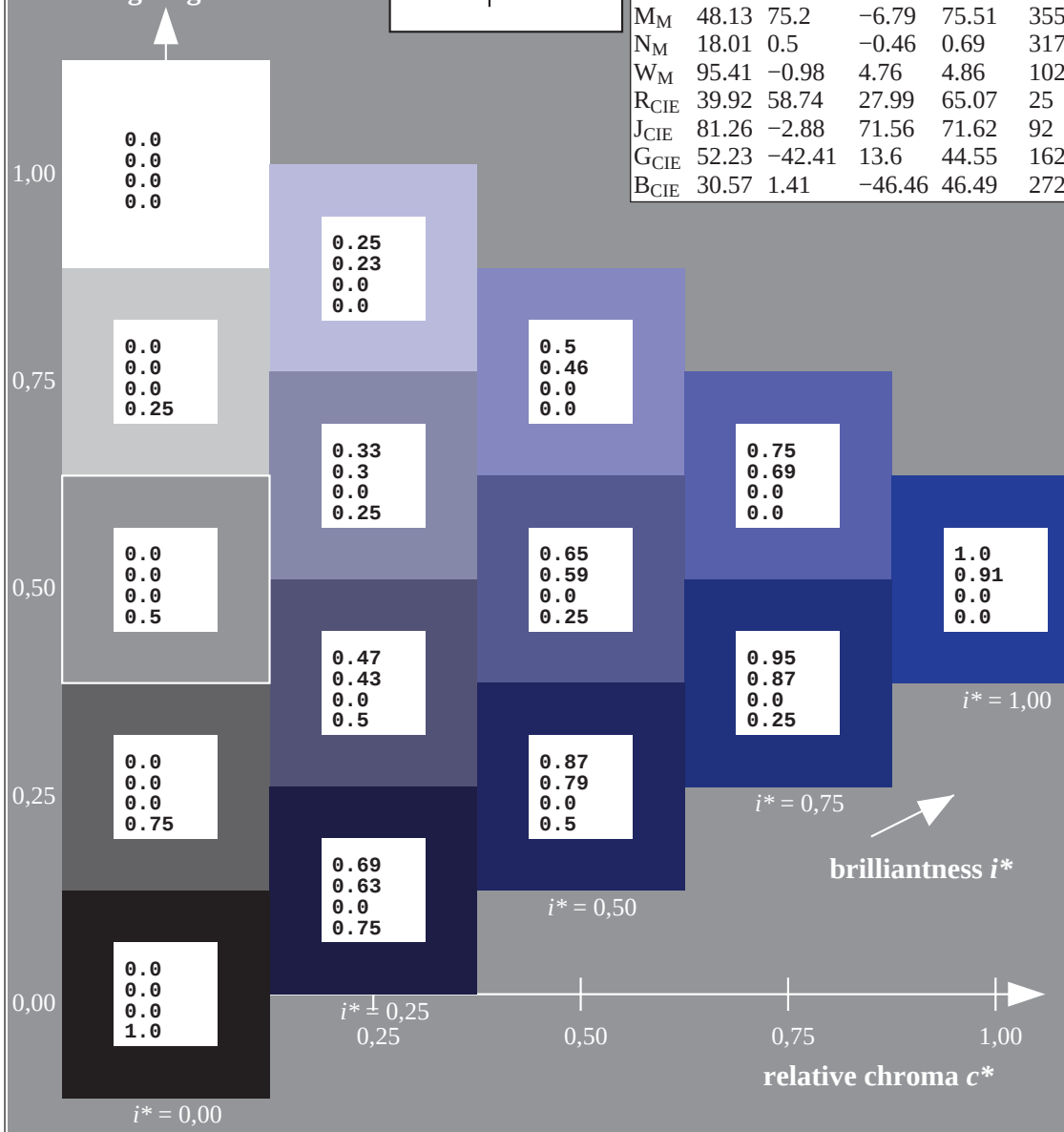
%Regularity

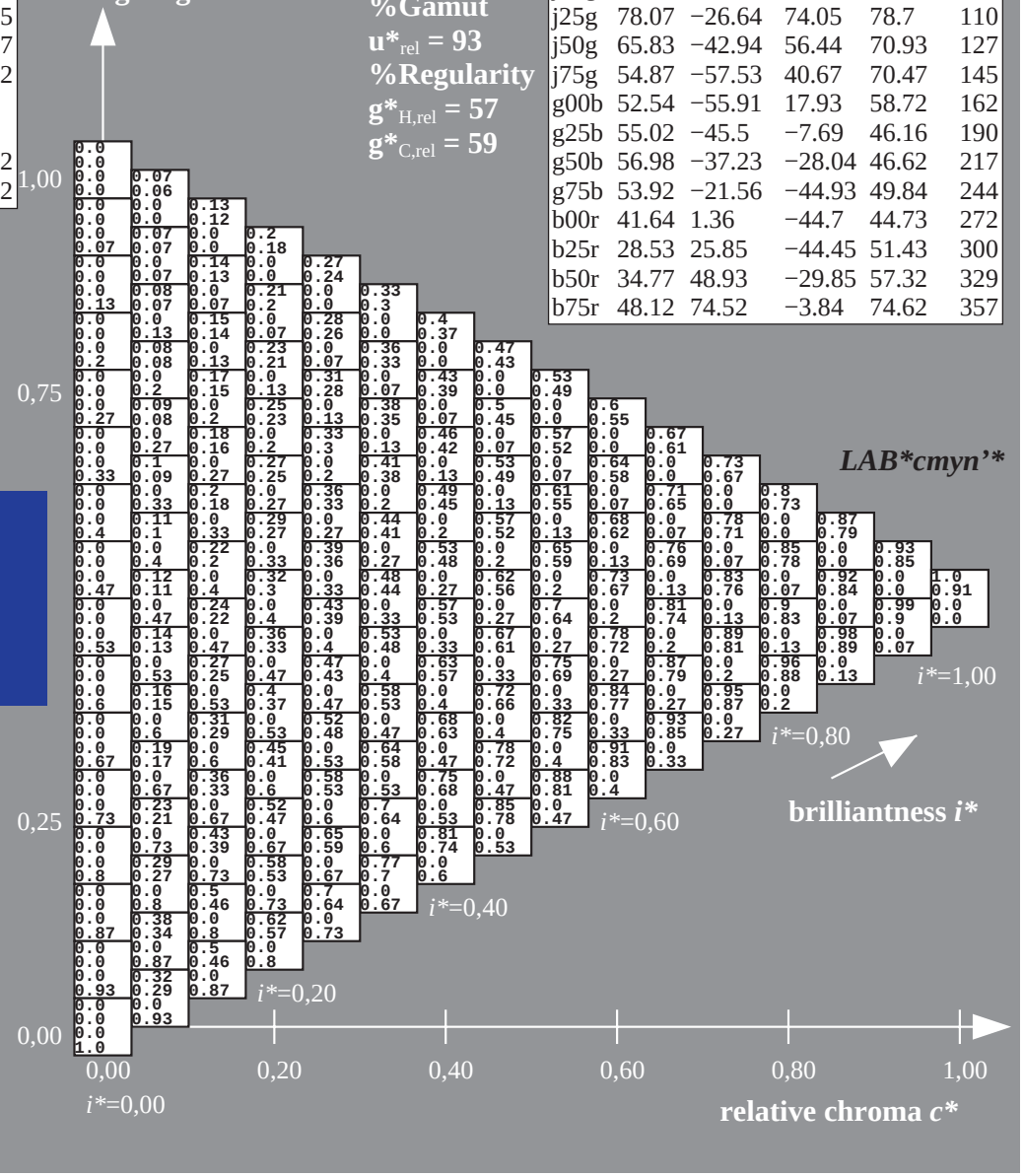
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

$u^* = b50r$

$LAB^*cmyn'^*$

data for any colour:

lab*tch** and *lab*icu*

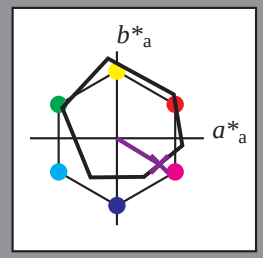
elementary hue text:

$u^* = b50r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 49 −29**

***LAB*LCH**$_{Ma}$: 35 57 329**

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 93$

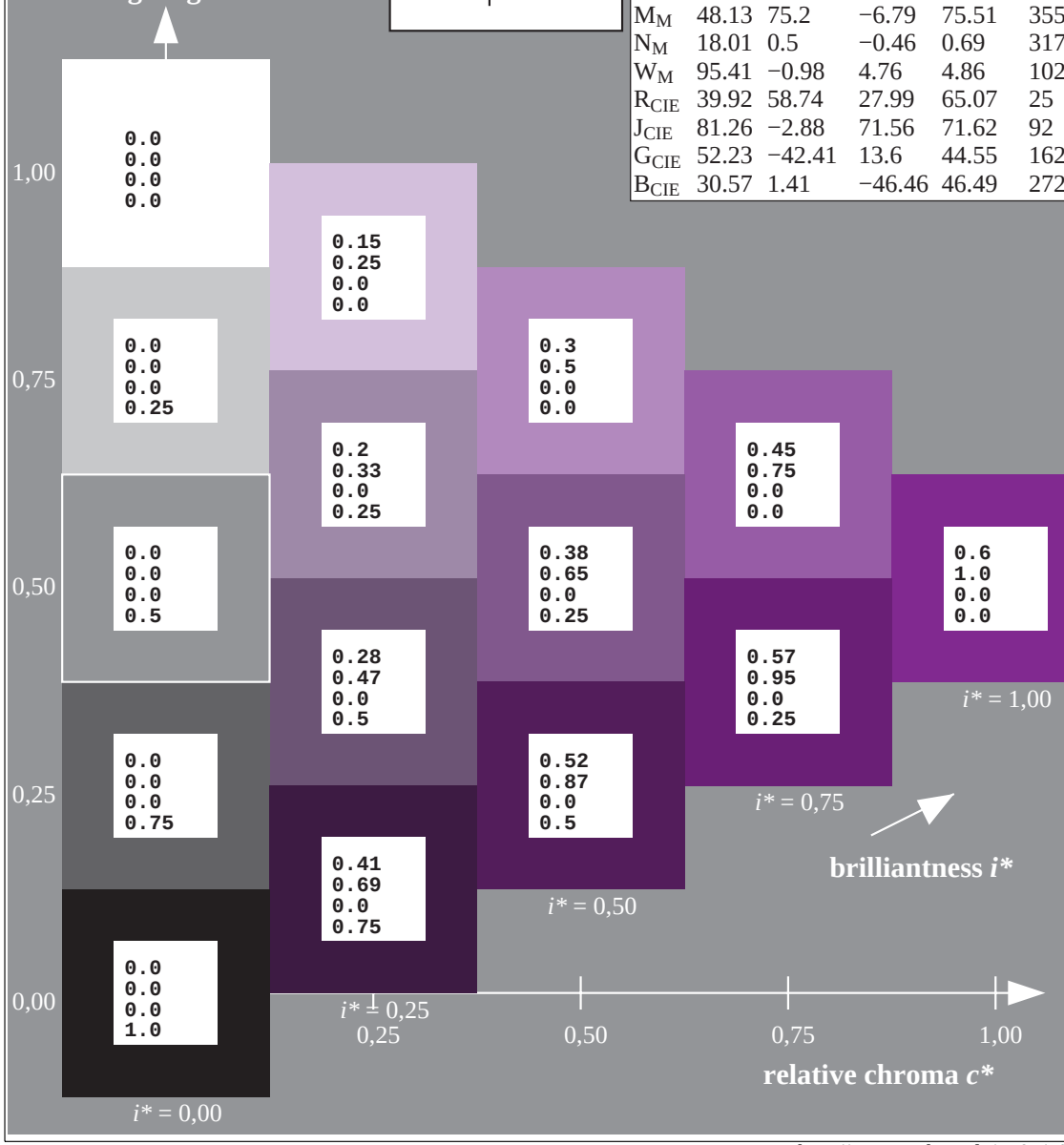
%Regularity

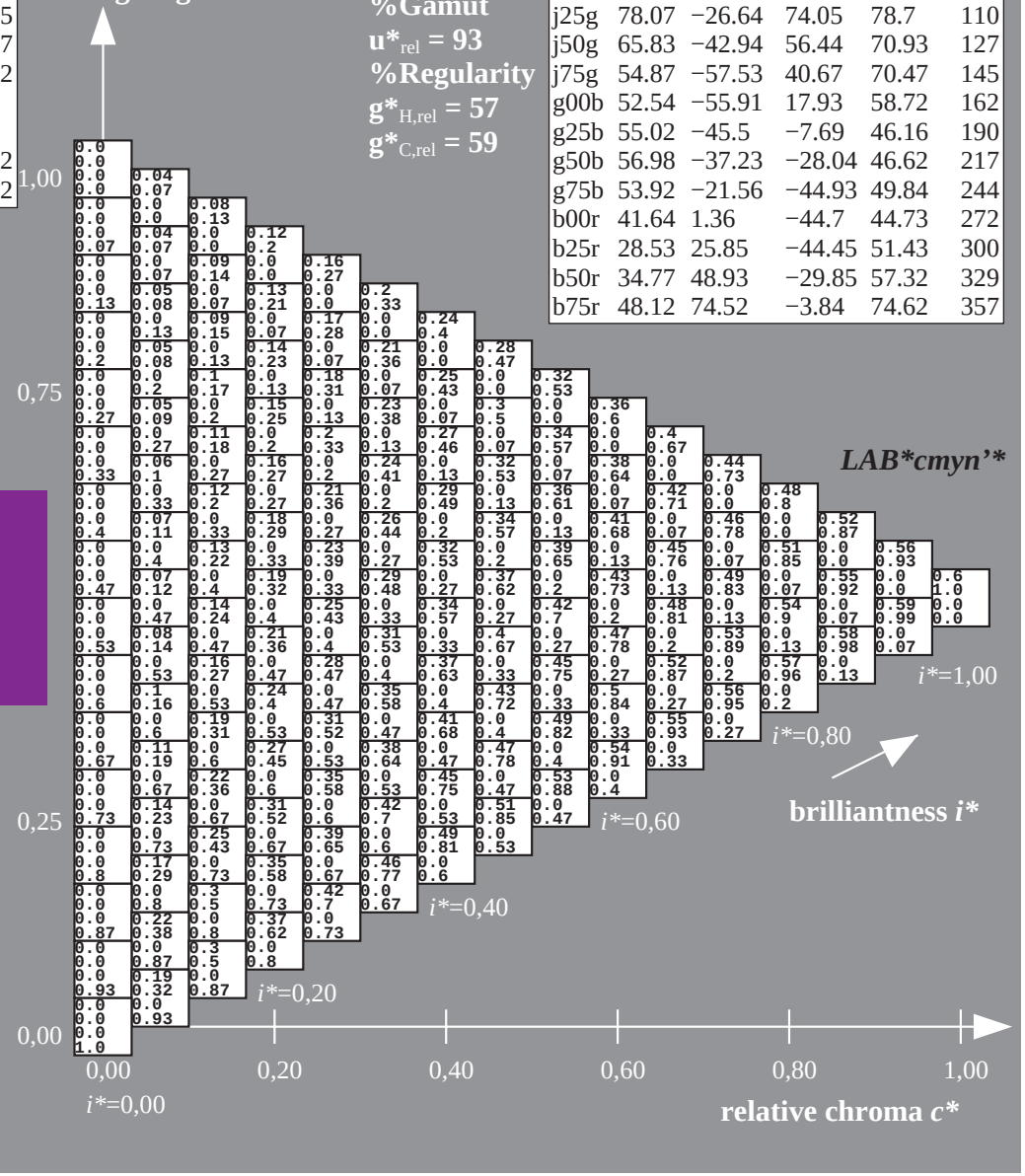
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

$u^* = b75r$

$LAB^*cmyn'^*$

data for any colour:

lab*tch** and *lab*icu*

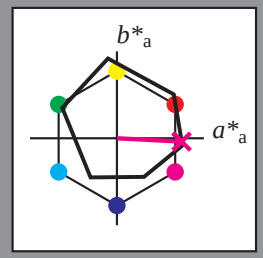
elementary hue text:

$u^* = b75r$

contrast reduction factor:

$c_R = 1.0$

triangle lightness t^*



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	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 75 −3**

***LAB*LCH**$_{Ma}$: 48 75 357**

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

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

triangle lightness t^*

%Gamut

$u^*_{rel} = 93$

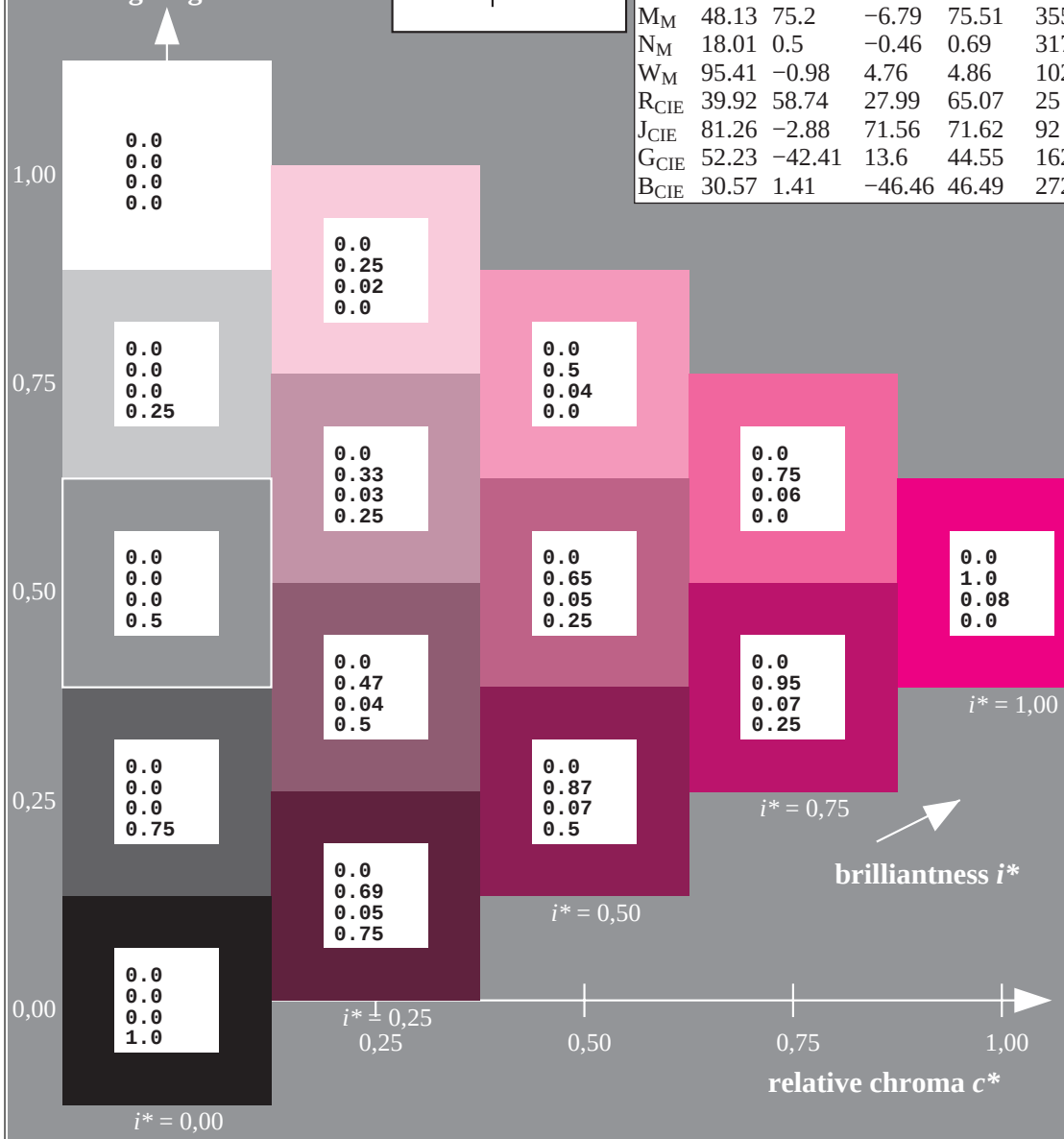
%Regularity

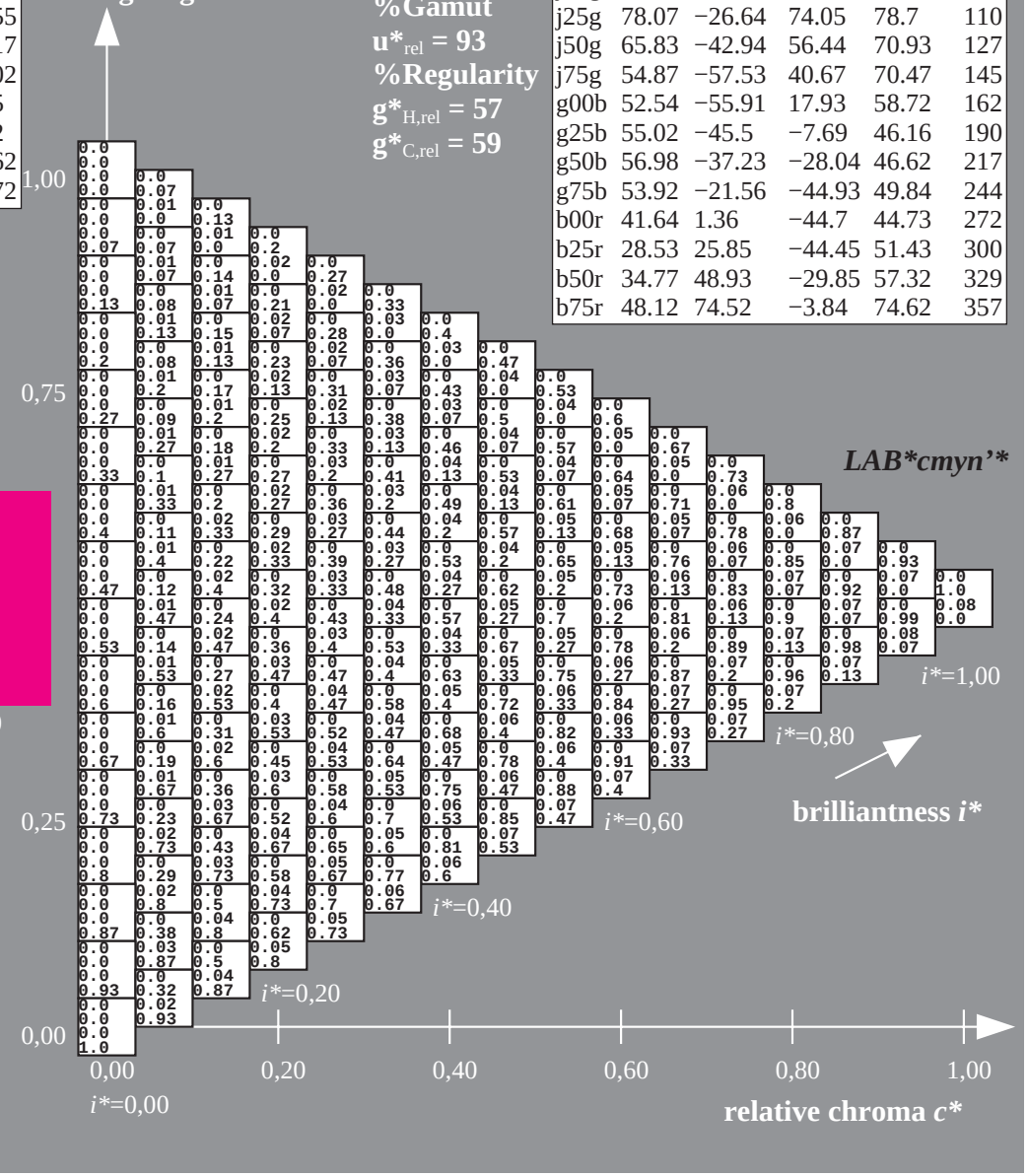
$g^*_{H,rel} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47	145
g00b	52.54	−55.91	17.93	58.72	162
g25b	55.02	−45.5	−7.69	46.16	190
g50b	56.98	−37.23	−28.04	46.62	217
g75b	53.92	−21.56	−44.93	49.84	244
b00r	41.64	1.36	−44.7	44.73	272
b25r	28.53	25.85	−44.45	51.43	300
b50r	34.77	48.93	−29.85	57.32	329
b75r	48.12	74.52	−3.84	74.62	357





	A	B	C	D	E	F	G	H	I
01	0.0 0.0 0.0 1.0	0.48 0.0 0.48 0.88	0.69 0.0 0.69 0.75	0.8 0.0 0.8 0.63	0.87 0.0 0.87 0.5	0.92 0.0 0.92 0.38	0.95 0.0 0.95 0.25	0.98 0.0 0.98 0.13	1.0 0.0 1.0 0.0
02	0.48 0.48 0.0 0.88	0.48 0.0 0.0 0.88	0.69 0.0 0.34 0.75	0.8 0.0 0.53 0.63	0.87 0.0 0.65 0.5	0.92 0.0 0.73 0.38	0.95 0.0 0.79 0.25	0.98 0.0 0.84 0.13	1.0 0.0 0.88 0.0
03	0.69 0.69 0.0 0.75	0.69 0.34 0.0 0.75	0.69 0.0 0.0 0.75	0.8 0.0 0.27 0.63	0.87 0.0 0.43 0.5	0.92 0.0 0.55 0.38	0.95 0.0 0.63 0.25	0.98 0.0 0.7 0.13	1.0 0.0 0.75 0.0
04	0.8 0.8 0.0 0.63	0.8 0.53 0.0 0.63	0.8 0.27 0.0 0.63	0.8 0.0 0.0 0.63	0.87 0.0 0.22 0.5	0.92 0.0 0.37 0.38	0.95 0.0 0.48 0.25	0.98 0.0 0.56 0.13	1.0 0.0 0.63 0.0
05	0.87 0.87 0.0 0.5	0.87 0.65 0.0 0.5	0.87 0.43 0.0 0.5	0.87 0.22 0.0 0.5	0.87 0.0 0.0 0.5	0.92 0.0 0.18 0.38	0.95 0.0 0.32 0.25	0.98 0.0 0.42 0.13	1.0 0.0 0.5 0.0
06	0.92 0.92 0.0 0.38	0.92 0.73 0.0 0.38	0.92 0.55 0.0 0.38	0.92 0.37 0.0 0.38	0.92 0.18 0.0 0.38	0.92 0.0 0.0 0.38	0.95 0.0 0.16 0.25	0.98 0.0 0.28 0.13	1.0 0.0 0.38 0.0
07	0.95 0.95 0.0 0.25	0.95 0.79 0.0 0.25	0.95 0.63 0.0 0.25	0.95 0.48 0.0 0.25	0.95 0.32 0.0 0.25	0.95 0.16 0.0 0.25	0.95 0.0 0.0 0.25	0.98 0.0 0.14 0.13	1.0 0.0 0.25 0.0
08	0.98 0.98 0.0 0.13	0.98 0.84 0.0 0.13	0.98 0.7 0.0 0.13	0.98 0.56 0.0 0.13	0.98 0.42 0.0 0.13	0.98 0.28 0.0 0.13	0.98 0.14 0.0 0.13	0.98 0.0 0.0 0.13	1.0 0.0 0.13 0.0
09	1.0 1.0 0.0 0.0	1.0 0.88 0.0 0.0	1.0 0.75 0.0 0.0	1.0 0.63 0.0 0.0	1.0 0.5 0.0 0.0	1.0 0.38 0.0 0.0	1.0 0.25 0.0 0.0	1.0 0.13 0.0 0.0	1.0 0.0 0.0 0.0
10	0.0 0.8 0.8 0.63	0.0 0.53 0.8 0.63	0.0 0.27 0.8 0.63	0.0 0.0 0.8 0.63	0.22 0.0 0.87 0.5	0.37 0.0 0.92 0.38	0.48 0.0 0.95 0.25	0.56 0.0 0.98 0.13	0.63 0.0 1.0 0.0
11	0.0 0.8 0.53 0.63	0.0 0.58 0.58 0.63	0.0 0.29 0.58 0.63	0.0 0.0 0.58 0.63	0.23 0.0 0.68 0.5	0.37 0.0 0.75 0.38	0.48 0.0 0.8 0.25	0.56 0.0 0.84 0.13	0.63 0.0 0.88 0.0
12	0.0 0.8 0.27 0.63	0.0 0.58 0.29 0.63	0.0 0.31 0.31 0.63	0.0 0.0 0.31 0.63	0.23 0.0 0.47 0.5	0.38 0.0 0.57 0.38	0.48 0.0 0.65 0.25	0.56 0.0 0.7 0.13	0.63 0.0 0.75 0.0
13	0.0 0.8 0.0 0.63	0.0 0.58 0.0 0.63	0.0 0.31 0.0 0.63	0.0 0.0 0.0 0.63	0.24 0.0 0.24 0.5	0.39 0.0 0.39 0.38	0.49 0.0 0.49 0.25	0.56 0.0 0.56 0.13	0.63 0.0 0.63 0.0
14	0.22 0.87 0.0 0.5	0.23 0.68 0.0 0.5	0.23 0.47 0.0 0.5	0.24 0.24 0.0 0.5	0.24 0.0 0.0 0.5	0.39 0.0 0.19 0.38	0.49 0.0 0.33 0.25	0.56 0.0 0.42 0.13	0.63 0.0 0.5 0.0
15	0.37 0.92 0.0 0.38	0.37 0.75 0.0 0.38	0.38 0.57 0.0 0.38	0.39 0.39 0.0 0.38	0.39 0.19 0.0 0.38	0.39 0.0 0.0 0.38	0.49 0.0 0.16 0.25	0.56 0.0 0.28 0.13	0.63 0.0 0.38 0.0
16	0.48 0.95 0.0 0.25	0.48 0.8 0.0 0.25	0.48 0.65 0.0 0.25	0.49 0.49 0.0 0.25	0.49 0.33 0.0 0.25	0.49 0.16 0.0 0.25	0.49 0.0 0.0 0.25	0.56 0.0 0.14 0.13	0.63 0.0 0.25 0.0
17	0.56 0.98 0.0 0.13	0.56 0.84 0.0 0.13	0.56 0.7 0.0 0.13	0.56 0.56 0.0 0.13	0.56 0.42 0.0 0.13	0.56 0.28 0.0 0.13	0.56 0.14 0.0 0.13	0.56 0.0 0.0 0.13	0.63 0.0 0.13 0.0
18	0.63 1.0 0.0 0.0	0.63 0.88 0.0 0.0	0.63 0.75 0.0 0.0	0.63 0.63 0.0 0.0	0.63 0.5 0.0 0.0	0.63 0.38 0.0 0.0	0.63 0.25 0.0 0.0	0.63 0.13 0.0 0.0	0.63 0.0 0.0 0.0
19	0.0 0.95 0.95 0.25	0.0 0.79 0.95 0.25	0.0 0.63 0.95 0.25	0.0 0.48 0.95 0.25	0.0 0.32 0.95 0.25	0.0 0.16 0.95 0.25	0.0 0.0 0.95 0.25	0.14 0.0 0.98 0.13	0.25 0.0 1.0 0.0
20	0.0 0.95 0.79 0.25	0.0 0.8 0.8 0.25	0.0 0.64 0.8 0.25	0.0 0.48 0.8 0.25	0.0 0.32 0.8 0.25	0.0 0.16 0.8 0.25	0.0 0.0 0.8 0.25	0.14 0.0 0.84 0.13	0.25 0.0 0.88 0.0
21	0.0 0.95 0.63 0.25	0.0 0.8 0.64 0.25	0.0 0.65 0.65 0.25	0.0 0.48 0.65 0.25	0.0 0.32 0.65 0.25	0.0 0.16 0.65 0.25	0.0 0.0 0.65 0.25	0.14 0.0 0.7 0.13	0.25 0.0 0.75 0.0
22	0.0 0.95 0.48 0.25	0.0 0.8 0.48 0.25	0.0 0.65 0.48 0.25	0.0 0.49 0.49 0.25	0.0 0.33 0.49 0.25	0.0 0.16 0.49 0.25	0.0 0.0 0.49 0.25	0.14 0.0 0.56 0.13	0.25 0.0 0.63 0.0
23	0.0 0.95 0.32 0.25	0.0 0.8 0.32 0.25	0.0 0.65 0.32 0.25	0.0 0.49 0.33 0.25	0.0 0.33 0.33 0.25	0.0 0.16 0.33 0.25	0.0 0.0 0.33 0.25	0.14 0.0 0.42 0.13	0.25 0.0 0.5 0.0
24	0.0 0.95 0.16 0.25	0.0 0.8 0.16 0.25	0.0 0.65 0.16 0.25	0.0 0.49 0.16 0.25	0.0 0.33 0.16 0.25	0.0 0.17 0.17 0.25	0.0 0.0 0.17 0.25	0.14 0.0 0.28 0.13	0.25 0.0 0.38 0.0
25	0.0 0.95 0.0 0.25	0.0 0.8 0.0 0.25	0.0 0.65 0.0 0.25	0.0 0.49 0.0 0.25	0.0 0.33 0.0 0.25	0.0 0.17 0.0 0.25	0.0 0.0 0.0 0.25	0.14 0.0 0.14 0.13	0.25 0.0 0.25 0.0
26	0.14 0.98 0.0 0.13	0.14 0.84 0.0 0.13	0.14 0.7 0.0 0.13	0.14 0.56 0.0 0.13	0.14 0.42 0.0 0.13	0.14 0.28 0.0 0.13	0.14 0.14 0.0 0.13	0.14 0.0 0.0 0.13	0.25 0.0 0.13 0.0
27	0.25 1.0 0.0 0.0	0.25 0.88 0.0 0.0	0.25 0.75 0.0 0.0	0.25 0.63 0.0 0.0	0.25 0.5 0.0 0.0	0.25 0.38 0.0 0.0	0.25 0.25 0.0 0.0	0.25 0.13 0.0 0.0	0.25 0.0 0.0 0.0

	J	K	L	M	N	O	P	Q	R
01	0.0 0.48 0.48 0.88	0.0 0.0 0.48 0.88	0.34 0.0 0.69 0.75	0.53 0.0 0.8 0.63	0.65 0.0 0.87 0.5	0.73 0.0 0.92 0.38	0.79 0.0 0.95 0.25	0.84 0.0 0.98 0.13	0.88 0.0 1.0 0.0
02	0.0 0.48 0.0 0.88	0.0 0.0 0.0 0.88	0.42 0.0 0.42 0.75	0.58 0.0 0.58 0.63	0.68 0.0 0.68 0.5	0.75 0.0 0.75 0.38	0.8 0.0 0.8 0.25	0.84 0.0 0.84 0.13	0.88 0.0 0.88 0.0
03	0.34 0.69 0.0 0.75	0.42 0.42 0.0 0.75	0.42 0.0 0.0 0.75	0.58 0.0 0.29 0.63	0.68 0.0 0.45 0.5	0.75 0.0 0.56 0.38	0.8 0.0 0.64 0.25	0.84 0.0 0.7 0.13	0.88 0.0 0.75 0.0
04	0.53 0.8 0.0 0.63	0.58 0.58 0.0 0.63	0.58 0.29 0.0 0.63	0.58 0.0 0.0 0.63	0.68 0.0 0.23 0.5	0.75 0.0 0.37 0.38	0.8 0.0 0.48 0.25	0.84 0.0 0.56 0.13	0.88 0.0 0.63 0.0
05	0.65 0.87 0.0 0.5	0.68 0.68 0.0 0.5	0.68 0.45 0.0 0.5	0.68 0.23 0.0 0.5	0.68 0.0 0.0 0.5	0.75 0.0 0.19 0.38	0.8 0.0 0.32 0.25	0.84 0.0 0.42 0.13	0.88 0.0 0.5 0.0
06	0.73 0.92 0.0 0.38	0.75 0.75 0.0 0.38	0.75 0.56 0.0 0.38	0.75 0.37 0.0 0.38	0.75 0.19 0.0 0.38	0.75 0.0 0.0 0.38	0.8 0.0 0.16 0.25	0.84 0.0 0.28 0.13	0.88 0.0 0.38 0.0
07	0.79 0.95 0.0 0.25	0.8 0.8 0.0 0.25	0.8 0.64 0.0 0.25	0.8 0.48 0.0 0.25	0.8 0.32 0.0 0.25	0.8 0.16 0.0 0.25	0.8 0.0 0.0 0.25	0.84 0.0 0.14 0.13	0.88 0.0 0.25 0.0
08	0.84 0.98 0.0 0.13	0.84 0.84 0.0 0.13	0.84 0.7 0.0 0.13	0.84 0.56 0.0 0.13	0.84 0.42 0.0 0.13	0.84 0.28 0.0 0.13	0.84 0.14 0.0 0.13	0.84 0.0 0.0 0.13	0.88 0.0 0.13 0.0
09	0.88 1.0 0.0 0.0	0.88 0.88 0.0 0.0	0.88 0.75 0.0 0.0	0.88 0.63 0.0 0.0	0.88 0.5 0.0 0.0	0.88 0.38 0.0 0.0	0.88 0.25 0.0 0.0	0.88 0.13 0.0 0.0	0.88 0.0 0.0 0.0
10	0.0 0.87 0.87 0.5	0.0 0.65 0.87 0.5	0.0 0.43 0.87 0.5	0.0 0.22 0.87 0.5	0.0 0.0 0.87 0.5	0.18 0.0 0.92 0.38	0.32 0.0 0.95 0.25	0.42 0.0 0.98 0.13	0.5 0.0 1.0 0.0
11	0.0 0.87 0.65 0.5	0.0 0.68 0.68 0.5	0.0 0.45 0.68 0.5	0.0 0.23 0.68 0.5	0.0 0.0 0.68 0.5	0.19 0.0 0.75 0.38	0.32 0.0 0.8 0.25	0.42 0.0 0.84 0.13	0.5 0.0 0.88 0.0
12	0.0 0.87 0.43 0.5	0.0 0.68 0.45 0.5	0.0 0.47 0.47 0.5	0.0 0.23 0.47 0.5	0.0 0.0 0.47 0.5	0.19 0.0 0.57 0.38	0.32 0.0 0.65 0.25	0.42 0.0 0.7 0.13	0.5 0.0 0.75 0.0
13	0.0 0.87 0.22 0.5	0.0 0.68 0.23 0.5	0.0 0.47 0.23 0.5	0.0 0.24 0.24 0.5	0.0 0.0 0.24 0.5	0.19 0.0 0.39 0.38	0.33 0.0 0.49 0.25	0.42 0.0 0.56 0.13	0.5 0.0 0.63 0.0
14	0.0 0.87 0.0 0.5	0.0 0.68 0.0 0.5	0.0 0.47 0.0 0.5	0.0 0.24 0.0 0.5	0.0 0.0 0.0 0.5	0.2 0.0 0.2 0.38	0.33 0.0 0.33 0.25	0.42 0.0 0.42 0.13	0.5 0.0 0.5 0.0
15	0.18 0.92 0.0 0.38	0.19 0.75 0.0 0.38	0.19 0.57 0.0 0.38	0.19 0.39 0.0 0.38	0.2 0.2 0.0 0.38	0.2 0.0 0.0 0.38	0.33 0.0 0.16 0.25	0.42 0.0 0.28 0.13	0.5 0.0 0.38 0.0
16	0.32 0.95 0.0 0.25	0.32 0.8 0.0 0.25	0.32 0.65 0.0 0.25	0.33 0.49 0.0 0.25	0.33 0.33 0.0 0.25	0.33 0.16 0.0 0.25	0.33 0.0 0.0 0.25	0.42 0.0 0.14 0.13	0.5 0.0 0.25 0.0
17	0.42 0.98 0.0 0.13	0.42 0.84 0.0 0.13	0.42 0.7 0.0 0.13	0.42 0.56 0.0 0.13	0.42 0.42 0.0 0.13	0.42 0.28 0.0 0.13	0.42 0.14 0.0 0.13	0.42 0.0 0.0 0.13	0.5 0.0 0.13 0.0
18	0.5 1.0 0.0 0.0	0.5 0.88 0.0 0.0	0.5 0.75 0.0 0.0	0.5 0.63 0.0 0.0	0.5 0.5 0.0 0.0	0.5 0.38 0.0 0.0	0.5 0.25 0.0 0.0	0.5 0.13 0.0 0.0	0.5 0.0 0.0 0.0
19	0.0 0.98 0.98 0.13	0.0 0.84 0.98 0.13	0.0 0.7 0.98 0.13	0.0 0.56 0.98 0.13	0.0 0.42 0.98 0.13	0.0 0.28 0.98 0.13	0.0 0.14 0.98 0.13	0.0 0.0 0.98 0.13	0.13 0.0 1.0 0.0
20	0.0 0.98 0.84 0.13	0.0 0.84 0.84 0.13	0.0 0.7 0.84 0.13	0.0 0.56 0.84 0.13	0.0 0.42 0.84 0.13	0.0 0.28 0.84 0.13	0.0 0.14 0.84 0.13	0.0 0.0 0.84 0.13	0.13 0.0 0.88 0.0
21	0.0 0.98 0.7 0.13	0.0 0.84 0.7 0.13	0.0 0.7 0.7 0.13	0.0 0.56 0.7 0.13	0.0 0.42 0.7 0.13	0.0 0.28 0.7 0.13	0.0 0.14 0.7 0.13	0.0 0.0 0.7 0.13	0.13 0.0 0.75 0.0
22	0.0 0.98 0.56 0.13	0.0 0.84 0.56 0.13	0.0 0.7 0.56 0.13	0.0 0.56 0.56 0.13	0.0 0.42 0.56 0.13	0.0 0.28 0.56 0.13	0.0 0.14 0.56 0.13	0.0 0.0 0.56 0.13	0.13 0.0 0.63 0.0
23	0.0 0.98 0.42 0.13	0.0 0.84 0.42 0.13	0.0 0.7 0.42 0.13	0.0 0.56 0.42 0.13	0.0 0.42 0.42 0.13	0.0 0.28 0.42 0.13	0.0 0.14 0.42 0.13	0.0 0.0 0.42 0.13	0.13 0.0 0.5 0.0
24	0.0 0.98 0.28 0.13	0.0 0.84 0.28 0.13	0.0 0.7 0.28 0.13	0.0 0.56 0.28 0.13	0.0 0.42 0.28 0.13	0.0 0.28 0.28 0.13	0.0 0.14 0.28 0.13	0.0 0.0 0.28 0.13	0.13 0.0 0.38 0.0
25	0.0 0.98 0.14 0.13	0.0 0.84 0.14 0.13	0.0 0.7 0.14 0.13	0.0 0.56 0.14 0.13	0.0 0.42 0.14 0.13	0.0 0.28 0.14 0.13	0.0 0.14 0.14 0.13	0.0 0.0 0.14 0.13	0.13 0.0 0.25 0.0
26	0.0 0.98 0.0 0.13	0.0 0.84 0.0 0.13	0.0 0.7 0.0 0.13	0.0 0.56 0.0 0.13	0.0 0.42 0.0 0.13	0.0 0.28 0.0 0.13	0.0 0.14 0.0 0.13	0.0 0.0 0.0 0.13	0.13 0.0 0.13 0.0
27	0.13 1.0 0.0 0.0	0.13 0.88 0.0 0.0	0.13 0.75 0.0 0.0	0.13 0.63 0.0 0.0	0.13 0.5 0.0 0.0	0.13 0.38 0.0 0.0	0.13 0.25 0.0 0.0	0.13 0.13 0.0 0.0	0.13 0.0 0.0 0.0

	S	T	U	V	W	X	Y	Z	a
01	0.0 0.69 0.69 0.75	0.0 0.34 0.69 0.75	0.0 0.0 0.69 0.75	0.27 0.0 0.8 0.63	0.43 0.0 0.87 0.5	0.55 0.0 0.92 0.38	0.63 0.0 0.95 0.25	0.7 0.0 0.98 0.13	0.75 0.0 1.0 0.0
02	0.0 0.69 0.34 0.75	0.0 0.42 0.42 0.75	0.0 0.0 0.42 0.75	0.29 0.0 0.58 0.63	0.45 0.0 0.68 0.5	0.56 0.0 0.75 0.38	0.64 0.0 0.8 0.25	0.7 0.0 0.84 0.13	0.75 0.0 0.88 0.0
03	0.0 0.69 0.0 0.75	0.0 0.42 0.0 0.75	0.0 0.0 0.0 0.75	0.31 0.0 0.31 0.63	0.47 0.0 0.47 0.5	0.57 0.0 0.57 0.38	0.65 0.0 0.65 0.25	0.7 0.0 0.7 0.13	0.75 0.0 0.75 0.0
04	0.27 0.8 0.0 0.63	0.29 0.58 0.0 0.63	0.31 0.31 0.0 0.63	0.31 0.0 0.0 0.63	0.47 0.0 0.23 0.5	0.57 0.0 0.38 0.38	0.65 0.0 0.48 0.25	0.7 0.0 0.56 0.13	0.75 0.0 0.63 0.0
05	0.43 0.87 0.0 0.5	0.45 0.68 0.0 0.5	0.47 0.47 0.0 0.5	0.47 0.23 0.0 0.5	0.47 0.0 0.0 0.5	0.57 0.0 0.19 0.38	0.65 0.0 0.32 0.25	0.7 0.0 0.42 0.13	0.75 0.0 0.5 0.0
06	0.55 0.92 0.0 0.38	0.56 0.75 0.0 0.38	0.57 0.57 0.0 0.38	0.57 0.38 0.0 0.38	0.57 0.19 0.0 0.38	0.57 0.0 0.0 0.38	0.65 0.0 0.16 0.25	0.7 0.0 0.28 0.13	0.75 0.0 0.38 0.0
07	0.63 0.95 0.0 0.25	0.64 0.8 0.0 0.25	0.65 0.65 0.0 0.25	0.65 0.48 0.0 0.25	0.65 0.32 0.0 0.25	0.65 0.16 0.0 0.25	0.65 0.0 0.0 0.25	0.7 0.0 0.14 0.13	0.75 0.0 0.25 0.0
08	0.7 0.98 0.0 0.13	0.7 0.84 0.0 0.13	0.7 0.7 0.0 0.13	0.7 0.56 0.0 0.13	0.7 0.42 0.0 0.13	0.7 0.28 0.0 0.13	0.7 0.14 0.0 0.13	0.7 0.0 0.0 0.13	0.75 0.0 0.13 0.0
09	0.75 1.0 0.0 0.0	0.75 0.88 0.0 0.0	0.75 0.75 0.0 0.0	0.75 0.63 0.0 0.0	0.75 0.5 0.0 0.0	0.75 0.38 0.0 0.0	0.75 0.25 0.0 0.0	0.75 0.13 0.0 0.0	0.75 0.0 0.0 0.0
10	0.0 0.92 0.92 0.38	0.0 0.73 0.92 0.38	0.0 0.55 0.92 0.38	0.0 0.37 0.92 0.38	0.0 0.18 0.92 0.38	0.0 0.0 0.92 0.38	0.16 0.0 0.95 0.25	0.28 0.0 0.98 0.13	0.38 0.0 1.0 0.0
11	0.0 0.92 0.73 0.38	0.0 0.75 0.75 0.38	0.0 0.56 0.75 0.38	0.0 0.37 0.75 0.38	0.0 0.19 0.75 0.38	0.0 0.0 0.75 0.38	0.16 0.0 0.8 0.25	0.28 0.0 0.84 0.13	0.38 0.0 0.88 0.0
12	0.0 0.92 0.55 0.38	0.0 0.75 0.56 0.38	0.0 0.57 0.57 0.38	0.0 0.38 0.57 0.38	0.0 0.19 0.57 0.38	0.0 0.0 0.57 0.38	0.16 0.0 0.65 0.25	0.28 0.0 0.7 0.13	0.38 0.0 0.75 0.0
13	0.0 0.92 0.37 0.38	0.0 0.75 0.37 0.38	0.0 0.57 0.38 0.38	0.0 0.39 0.39 0.38	0.0 0.19 0.39 0.38	0.0 0.0 0.39 0.38	0.16 0.0 0.49 0.25	0.28 0.0 0.56 0.13	0.38 0.0 0.63 0.0
14	0.0 0.92 0.18 0.38	0.0 0.75 0.19 0.38	0.0 0.57 0.19 0.38	0.0 0.39 0.19 0.38	0.0 0.2 0.2 0.38	0.0 0.0 0.2 0.38	0.16 0.0 0.33 0.25	0.28 0.0 0.42 0.13	0.38 0.0 0.5 0.0
15	0.0 0.92 0.0 0.38	0.0 0.75 0.0 0.38	0.0 0.57 0.0 0.38	0.0 0.39 0.0 0.38	0.0 0.2 0.0 0.38	0.0 0.0 0.0 0.38	0.17 0.0 0.17 0.25	0.28 0.0 0.28 0.13	0.38 0.0 0.38 0.0
16	0.16 0.95 0.0 0.25	0.16 0.8 0.0 0.25	0.16 0.65 0.0 0.25	0.16 0.49 0.0 0.25	0.16 0.33 0.0 0.25	0.17 0.17 0.0 0.25	0.17 0.0 0.0 0.25	0.28 0.0 0.14 0.13	0.38 0.0 0.25 0.0
17	0.28 0.98 0.0 0.13	0.28 0.84 0.0 0.13	0.28 0.7 0.0 0.13	0.28 0.56 0.0 0.13	0.28 0.42 0.0 0.13	0.28 0.28 0.0 0.13	0.28 0.14 0.0 0.13	0.28 0.0 0.0 0.13	0.38 0.0 0.13 0.0
18	0.38 1.0 0.0 0.0	0.38 0.88 0.0 0.0	0.38 0.75 0.0 0.0	0.38 0.63 0.0 0.0	0.38 0.5 0.0 0.0	0.38 0.38 0.0 0.0	0.38 0.25 0.0 0.0	0.38 0.13 0.0 0.0	0.38 0.0 0.0 0.0
19	0.0 1.0 1.0 0.0	0.0 0.88 1.0 0.0	0.0 0.75 1.0 0.0	0.0 0.63 1.0 0.0	0.0 0.5 1.0 0.0	0.0 0.38 1.0 0.0	0.0 0.25 1.0 0.0	0.0 0.13 1.0 0.0	0.0 0.0 1.0 0.0
20	0.0 1.0 0.88 0.0	0.0 0.88 0.88 0.0	0.0 0.75 0.88 0.0	0.0 0.63 0.88 0.0	0.0 0.5 0.88 0.0	0.0 0.38 0.88 0.0	0.0 0.25 0.88 0.0	0.0 0.13 0.88 0.0	0.0 0.0 0.88 0.0
21	0.0 1.0 0.75 0.0	0.0 0.88 0.75 0.0	0.0 0.75 0.75 0.0	0.0 0.63 0.75 0.0	0.0 0.5 0.75 0.0	0.0 0.38 0.75 0.0	0.0 0.25 0.75 0.0	0.0 0.13 0.75 0.0	0.0 0.0 0.75 0.0
22	0.0 1.0 0.63 0.0	0.0 0.88 0.63 0.0	0.0 0.75 0.63 0.0	0.0 0.63 0.63 0.0	0.0 0.5 0.63 0.0	0.0 0.38 0.63 0.0	0.0 0.25 0.63 0.0	0.0 0.13 0.63 0.0	0.0 0.0 0.63 0.0
23	0.0 1.0 0.5 0.0	0.0 0.88 0.5 0.0	0.0 0.75 0.5 0.0	0.0 0.63 0.5 0.0	0.0 0.5 0.5 0.0	0.0 0.38 0.5 0.0	0.0 0.25 0.5 0.0	0.0 0.13 0.5 0.0	0.0 0.0 0.5 0.0
24	0.0 1.0 0.38 0.0	0.0 0.88 0.38 0.0	0.0 0.75 0.38 0.0	0.0 0.63 0.38 0.0	0.0 0.5 0.38 0.0	0.0 0.38 0.38 0.0	0.0 0.25 0.38 0.0	0.0 0.13 0.38 0.0	0.0 0.0 0.38 0.0
25	0.0 1.0 0.25 0.0	0.0 0.88 0.25 0.0	0.0 0.75 0.25 0.0	0.0 0.63 0.25 0.0	0.0 0.5 0.25 0.0	0.0 0.38 0.25 0.0	0.0 0.25 0.25 0.0	0.0 0.13 0.25 0.0	0.0 0.0 0.25 0.0
26	0.0 1.0 0.13 0.0	0.0 0.88 0.13 0.0	0.0 0.75 0.13 0.0	0.0 0.63 0.13 0.0	0.0 0.5 0.13 0.0	0.0 0.38 0.13 0.0	0.0 0.25 0.13 0.0	0.0 0.13 0.13 0.0	0.0 0.0 0.13 0.0
27	0.0 1.0 0.0 0.0	0.0 0.88 0.0 0.0	0.0 0.75 0.0 0.0	0.0 0.63 0.0 0.0	0.0 0.5 0.0 0.0	0.0 0.38 0.0 0.0	0.0 0.25 0.0 0.0	0.0 0.13 0.0 0.0	0.0 0.0 0.0 0.0

	b	c	d	e	f	g	h	i	j	k	LAB*cmyn’*		
01	0.0 0.0 0.0 0.0	0.0 0.13 0.13 0.0	0.0 0.25 0.25 0.0	0.0 0.38 0.38 0.0	0.0 0.5 0.5 0.0	0.0 0.63 0.63 0.0	0.0 0.75 0.75 0.0	0.0 0.88 0.88 0.0	0.0 1.0 1.0 0.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0
02	0.13 0.0 0.0 0.0	0.0 0.0 0.0 0.13	0.0 0.14 0.14 0.13	0.0 0.28 0.28 0.13	0.0 0.42 0.42 0.13	0.0 0.56 0.56 0.13	0.0 0.7 0.7 0.13	0.0 0.84 0.84 0.13	0.0 0.98 0.98 0.13	0.0 0.0 0.0 0.88	0.0 0.0 0.0 0.88	0.0 0.0 0.0 0.88	0.0 0.0 0.0 0.88
03	0.25 0.0 0.0 0.0	0.14 0.0 0.0 0.13	0.0 0.0 0.0 0.25	0.0 0.17 0.17 0.25	0.0 0.33 0.33 0.25	0.0 0.49 0.49 0.25	0.0 0.65 0.65 0.25	0.0 0.8 0.8 0.25	0.0 0.95 0.95 0.25	0.0 0.0 0.0 0.75	0.0 0.0 0.0 0.75	0.0 0.0 0.0 0.75	0.0 0.0 0.0 0.75
04	0.38 0.0 0.0 0.0	0.28 0.0 0.0 0.13	0.17 0.0 0.0 0.25	0.0 0.0 0.0 0.38	0.0 0.2 0.2 0.38	0.0 0.39 0.39 0.38	0.0 0.57 0.57 0.38	0.0 0.75 0.75 0.38	0.0 0.92 0.92 0.38	0.0 0.0 0.0 0.63	0.0 0.0 0.0 0.63	0.0 0.0 0.0 0.63	0.0 0.0 0.0 0.63
05	0.5 0.0 0.0 0.0	0.42 0.0 0.0 0.13	0.33 0.0 0.0 0.25	0.2 0.0 0.0 0.38	0.0 0.0 0.0 0.5	0.0 0.24 0.24 0.5	0.0 0.47 0.47 0.5	0.0 0.68 0.68 0.5	0.0 0.87 0.87 0.5	0.0 0.0 0.0 0.5	0.0 0.0 0.0 0.5	0.0 0.0 0.0 0.5	0.0 0.0 0.0 0.5
06	0.63 0.0 0.0 0.0	0.56 0.0 0.0 0.13	0.49 0.0 0.0 0.25	0.39 0.0 0.0 0.38	0.24 0.0 0.0 0.5	0.0 0.0 0.0 0.63	0.0 0.31 0.31 0.63	0.0 0.58 0.58 0.63	0.0 0.8 0.8 0.63	0.0 0.0 0.0 0.38	0.0 0.0 0.0 0.38	0.0 0.0 0.0 0.38	0.0 0.0 0.0 0.38
07	0.75 0.0 0.0 0.0	0.7 0.0 0.0 0.13	0.65 0.0 0.0 0.25	0.57 0.0 0.0 0.38	0.47 0.0 0.0 0.5	0.31 0.0 0.0 0.63	0.0 0.0 0.0 0.75	0.0 0.42 0.42 0.75	0.0 0.69 0.69 0.75	0.0 0.0 0.0 0.25	0.0 0.0 0.0 0.25	0.0 0.0 0.0 0.25	0.0 0.0 0.0 0.25
08	0.88 0.0 0.0 0.0	0.84 0.0 0.0 0.13	0.8 0.0 0.0 0.25	0.75 0.0 0.0 0.38	0.68 0.0 0.0 0.5	0.58 0.0 0.0 0.63	0.42 0.0 0.0 0.75	0.0 0.0 0.0 0.88	0.0 0.48 0.48 0.88	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13
09	1.0 0.0 0.0 0.0	0.98 0.0 0.0 0.13	0.95 0.0 0.0 0.25	0.92 0.0 0.0 0.38	0.87 0.0 0.0 0.5	0.8 0.0 0.0 0.63	0.69 0.0 0.0 0.75	0.48 0.0 0.0 0.88	0.0 0.0 0.0 1.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
10	0.0 0.0 0.0 0.0	0.0 0.0 0.13 0.0	0.0 0.0 0.25 0.0	0.0 0.0 0.38 0.0	0.0 0.0 0.5 0.0	0.0 0.0 0.63 0.0	0.0 0.0 0.75 0.0	0.0 0.0 0.88 0.0	0.0 0.0 1.0 0.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0	0.0 0.0 0.0 1.0
11	0.13 0.13 0.0 0.0	0.0 0.0 0.0 0.13	0.0 0.0 0.14 0.13	0.0 0.0 0.28 0.13	0.0 0.0 0.42 0.13	0.0 0.0 0.56 0.13	0.0 0.0 0.7 0.13	0.0 0.0 0.84 0.13	0.0 0.0 0.98 0.13	0.0 0.0 0.0 0.93	0.0 0.0 0.0 0.93	0.0 0.0 0.0 0.93	0.0 0.0 0.0 0.93
12	0.25 0.25 0.0 0.0	0.14 0.14 0.0 0.13	0.0 0.0 0.0 0.25	0.0 0.0 0.17 0.25	0.0 0.0 0.33 0.25	0.0 0.0 0.49 0.25	0.0 0.0 0.65 0.25	0.0 0.0 0.8 0.25	0.0 0.0 0.95 0.25	0.0 0.0 0.0 0.87	0.0 0.0 0.0 0.87	0.0 0.0 0.0 0.87	0.0 0.0 0.0 0.87
13	0.38 0.38 0.0 0.0	0.28 0.28 0.0 0.13	0.17 0.17 0.0 0.25	0.0 0.0 0.0 0.38	0.0 0.0 0.2 0.38	0.0 0.0 0.39 0.38	0.0 0.0 0.57 0.38	0.0 0.0 0.75 0.38	0.0 0.0 0.92 0.38	0.0 0.0 0.0 0.8	0.0 0.0 0.0 0.8	0.0 0.0 0.0 0.8	0.0 0.0 0.0 0.8
14	0.5 0.5 0.0 0.0	0.42 0.42 0.0 0.13	0.33 0.33 0.0 0.25	0.2 0.2 0.0 0.38	0.0 0.0 0.0 0.5	0.0 0.0 0.24 0.5	0.0 0.0 0.47 0.5	0.0 0.0 0.68 0.5	0.0 0.0 0.87 0.5	0.0 0.0 0.0 0.73	0.0 0.0 0.0 0.73	0.0 0.0 0.0 0.73	0.0 0.0 0.0 0.73
15	0.63 0.63 0.0 0.0	0.56 0.56 0.0 0.13	0.49 0.49 0.0 0.25	0.39 0.39 0.0 0.38	0.24 0.24 0.0 0.5	0.0 0.0 0.0 0.63	0.0 0.0 0.31 0.63	0.0 0.0 0.58 0.63	0.0 0.0 0.8 0.63	0.0 0.0 0.0 0.67	0.0 0.0 0.0 0.67	0.0 0.0 0.0 0.67	0.0 0.0 0.0 0.67
16	0.75 0.75 0.0 0.0	0.7 0.7 0.0 0.13	0.65 0.65 0.0 0.25	0.57 0.57 0.0 0.38	0.47 0.47 0.0 0.5	0.31 0.31 0.0 0.63	0.0 0.0 0.0 0.75	0.0 0.0 0.42 0.75	0.0 0.0 0.69 0.75	0.0 0.0 0.0 0.6	0.0 0.0 0.0 0.6	0.0 0.0 0.0 0.6	0.0 0.0 0.0 0.6
17	0.88 0.88 0.0 0.0	0.84 0.84 0.0 0.13	0.8 0.8 0.0 0.25	0.75 0.75 0.0 0.38	0.68 0.68 0.0 0.5	0.58 0.58 0.0 0.63	0.42 0.42 0.0 0.75	0.0 0.0 0.0 0.88	0.0 0.0 0.48 0.88	0.0 0.0 0.0 0.53	0.0 0.0 0.0 0.53	0.0 0.0 0.0 0.53	0.0 0.0 0.0 0.53
18	1.0 1.0 0.0 0.0	0.98 0.98 0.0 0.13	0.95 0.95 0.0 0.25	0.92 0.92 0.0 0.38	0.87 0.87 0.0 0.5	0.8 0.8 0.0 0.63	0.69 0.69 0.0 0.75	0.48 0.48 0.0 0.88	0.0 0.0 0.0 1.0	0.0 0.0 0.0 0.47	0.0 0.0 0.0 0.47	0.0 0.0 0.0 0.47	0.0 0.0 0.0 0.47
19	0.0 0.0 0.0 0.0	0.13 0.0 0.13 0.0	0.25 0.0 0.25 0.0	0.38 0.0 0.38 0.0	0.5 0.0 0.5 0.0	0.63 0.0 0.63 0.0	0.75 0.0 0.75 0.0	0.88 0.0 0.88 0.0	1.0 0.0 1.0 0.0	0.0 0.0 0.0 0.4	0.0 0.0 0.0 0.4	0.0 0.0 0.0 0.4	0.0 0.0 0.0 0.4
20	0.0 0.13 0.0 0.0	0.0 0.0 0.0 0.13	0.14 0.0 0.14 0.13	0.28 0.0 0.28 0.13	0.42 0.0 0.42 0.13	0.56 0.0 0.56 0.13	0.7 0.0 0.7 0.13	0.84 0.0 0.84 0.13	0.98 0.0 0.98 0.13	0.0 0.0 0.0 0.33	0.0 0.0 0.0 0.33	0.0 0.0 0.0 0.33	0.0 0.0 0.0 0.33
21	0.0 0.25 0.0 0.0	0.0 0.14 0.0 0.13	0.0 0.0 0.0 0.25	0.17 0.0 0.17 0.25	0.33 0.0 0.33 0.25	0.49 0.0 0.49 0.25	0.65 0.0 0.65 0.25	0.8 0.0 0.8 0.25	0.95 0.0 0.95 0.25	0.0 0.0 0.0 0.27	0.0 0.0 0.0 0.27	0.0 0.0 0.0 0.27	0.0 0.0 0.0 0.27
22	0.0 0.38 0.0 0.0	0.0 0.28 0.0 0.13	0.0 0.17 0.0 0.25	0.0 0.0 0.0 0.38	0.2 0.0 0.2 0.38	0.39 0.0 0.39 0.38	0.57 0.0 0.57 0.38	0.75 0.0 0.75 0.38	0.92 0.0 0.92 0.38	0.0 0.0 0.0 0.2	0.0 0.0 0.0 0.2	0.0 0.0 0.0 0.2	0.0 0.0 0.0 0.2
23	0.0 0.5 0.0 0.0	0.0 0.42 0.0 0.13	0.0 0.33 0.0 0.25	0.0 0.2 0.0 0.38	0.0 0.0 0.0 0.5	0.24 0.0 0.24 0.5	0.47 0.0 0.47 0.5	0.68 0.0 0.68 0.5	0.87 0.0 0.87 0.5	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13	0.0 0.0 0.0 0.13
24	0.0 0.63 0.0 0.0	0.0 0.56 0.0 0.13	0.0 0.49 0.0 0.25	0.0 0.39 0.0 0.38	0.0 0.24 0.0 0.5	0.0 0.0 0.0 0.63	0.31 0.0 0.31 0.63	0.58 0.0 0.58 0.63	0.8 0.0 0.8 0.63	0.0 0.0 0.0 0.07	0.0 0.0 0.0 0.07	0.0 0.0 0.0 0.07	0.0 0.0 0.0 0.07
25	0.0 0.75 0.0 0.0	0.0 0.7 0.0 0.13	0.0 0.65 0.0 0.25	0.0 0.57 0.0 0.38	0.0 0.47 0.0 0.5	0.0 0.31 0.0 0.63	0.0 0.0 0.0 0.75	0.42 0.0 0.42 0.75	0.69 0.0 0.69 0.75	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
26	0.0 0.88 0.0 0.0	0.0 0.84 0.0 0.13	0.0 0.8 0.0 0.25	0.0 0.75 0.0 0.38	0.0 0.68 0.0 0.5	0.0 0.58 0.0 0.63	0.0 0.42 0.0 0.75	0.0 0.0 0.0 0.88	0.48 0.0 0.48 0.88	0.0 0.0 0.0 1.0	0.0 1.0 1.0 0.0	0.0 0.0 1.0 0.0	1.0 0.0 1.0 0.0
27	0.0 1.0 0.0 0.0	0.0 0.98 0.0 0.13	0.0 0.95 0.0 0.25	0.0 0.92 0.0 0.38	0.0 0.87 0.0 0.5	0.0 0.8 0.0 0.63	0.0 0.69 0.0 0.75	0.0 0.48 0.0 0.88	0.0 0.0 0.0 1.0	0.0 0.0 0.0 0.0	1.0 0.0 0.0 0.0	1.0 1.0 0.0 0.0	0.0 1.0 0.0 0.0