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

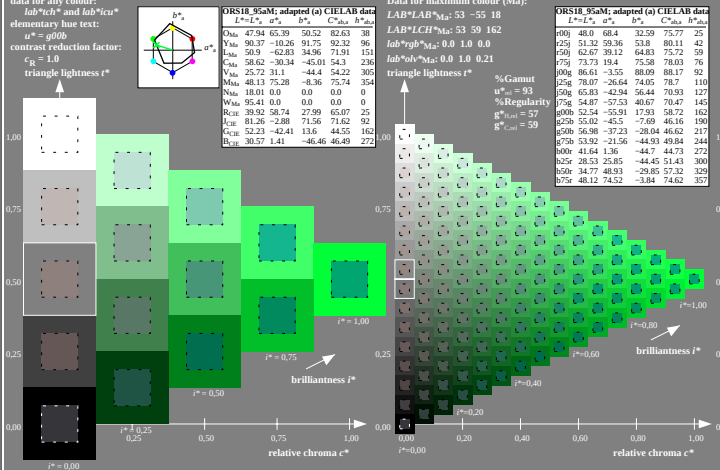
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = g00b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

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

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

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 $h^* = lab^*b^* = h_{ab}/360 = 190/360 = 0.527$ — $u^* = g25b$

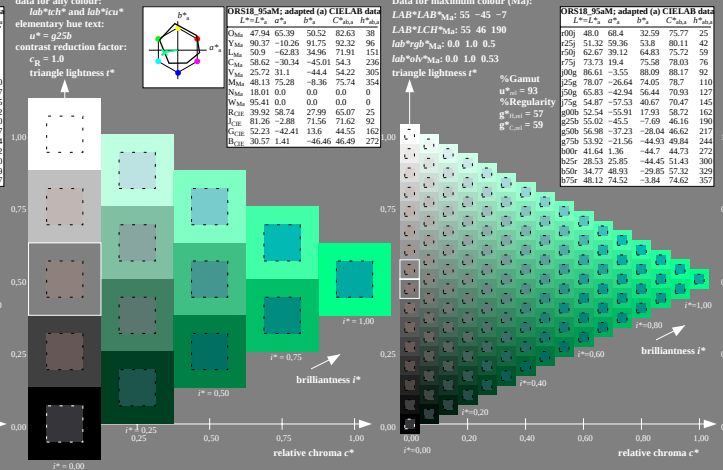
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = g25b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

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

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

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 $h^* = lab^*b^* = h_{ab}/360 = 217/360 = 0.603$ — $u^* = g50b$

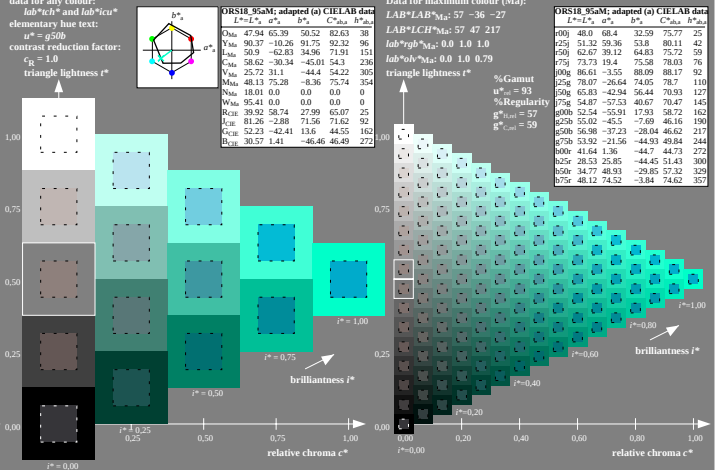
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = g50b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

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

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

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 $h^* = lab^*b^* = h_{ab}/360 = 244/360 = 0.679$ — $u^* = g75b$

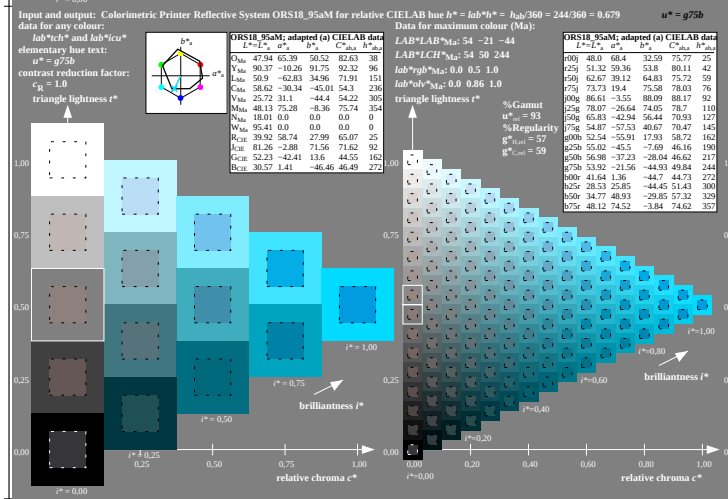
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = g75b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

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

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

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 $h^* = lab^*b^* = h_{ab}/360 = 272/360 = 0.755$ — $u^* = b00r$

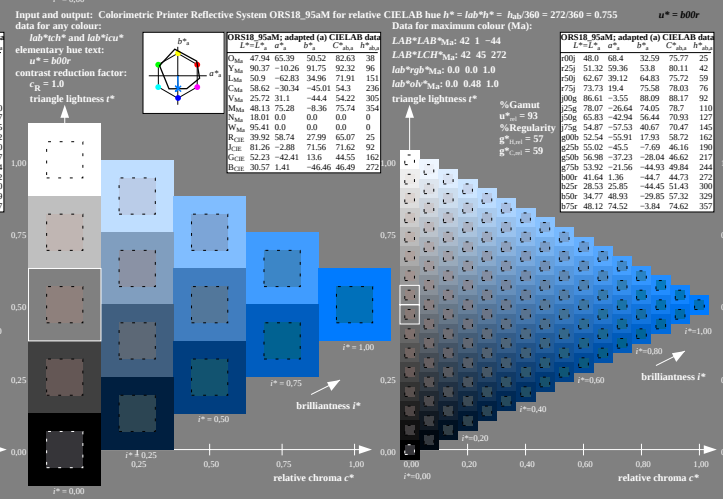
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = b00r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

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

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

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 $h^* = lab^*b^* = h_{ab}/360 = 300/360 = 0.834$ — $u^* = b25r$

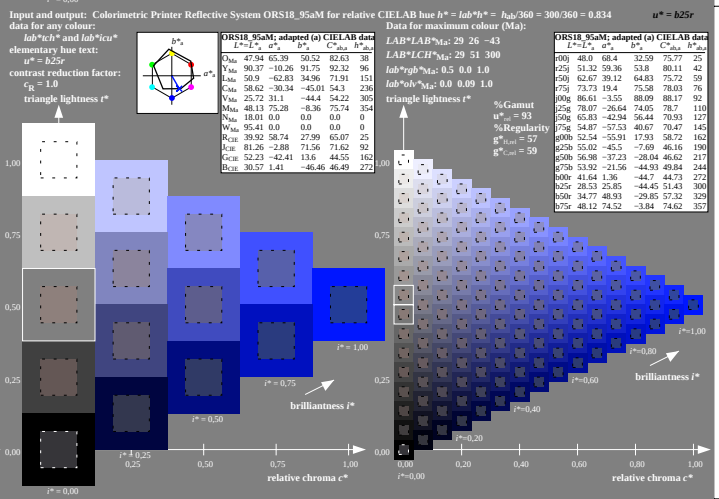
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = b25r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

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

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

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 $h^* = lab^*b^* = h_{ab}/360 = 329/360 = 0.913$ — $u^* = b50r$

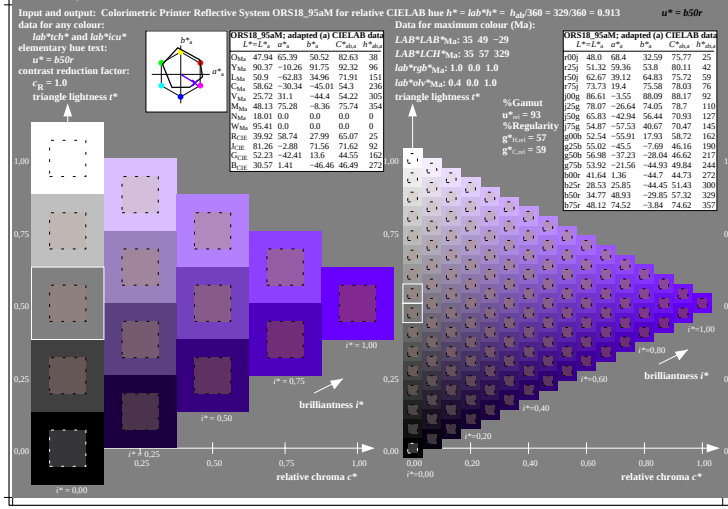
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = b50r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

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

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

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 $h^* = lab^*b^* = h_{ab}/360 = 357/360 = 0.992$ — $u^* = b75r$

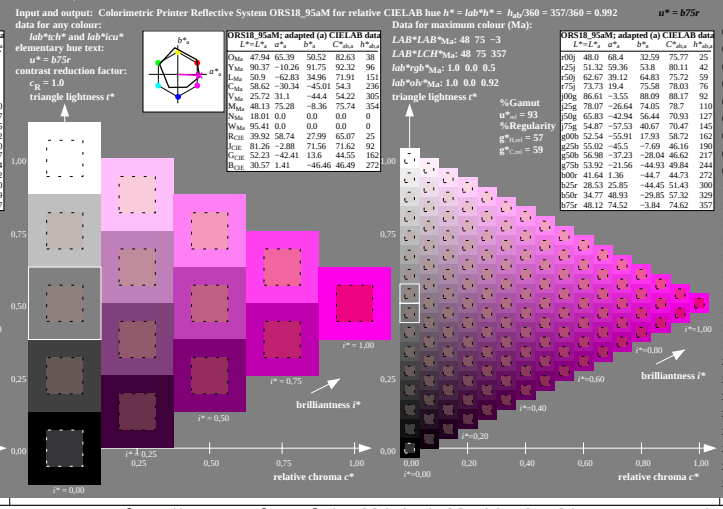
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = b75r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

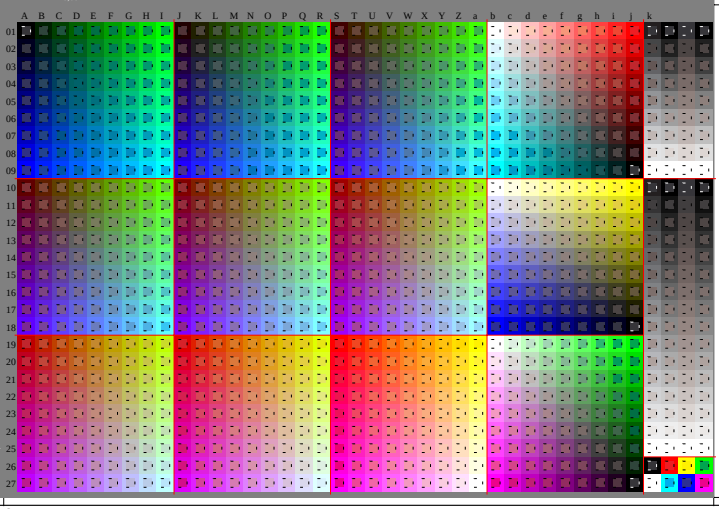
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 75 −3
$LAB^*LCH^*_{Ma}$: 48 75 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.92
triangle lightness t^*

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

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

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 $h^* = lab^*b^* = h_{ab}/360 = 162/360 = 0.451$ — $u^* = g00b$

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

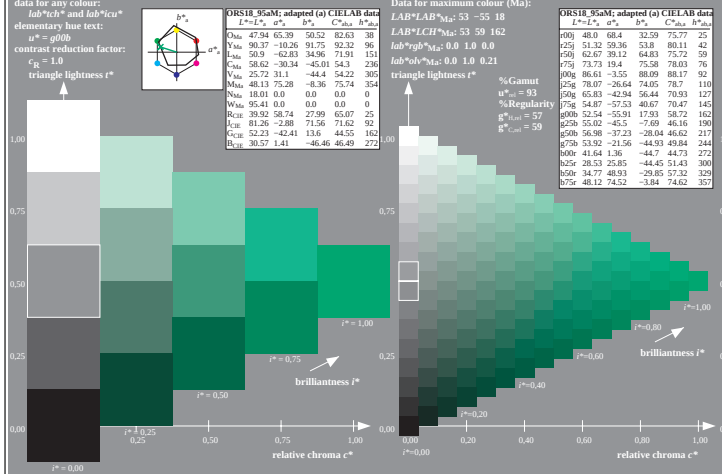
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −55 18
$LAB^*LCH^*_{Ma}$: 53 59 162
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.21

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

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

	$L^*=L^*_a$	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 $h^* = lab^*b^* = h_{ab}/360 = 190/360 = 0.527$ — $u^* = g25b$

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

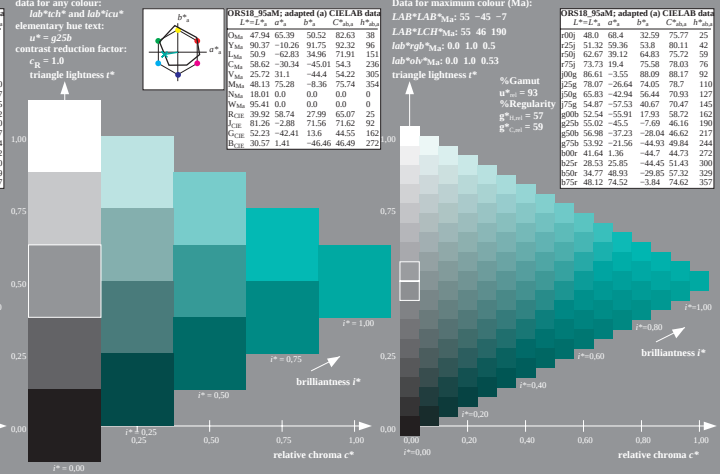
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 −45 −7
$LAB^*LCH^*_{Ma}$: 55 46 190
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
$lab^*olv^*_{Ma}$: 0.0 1.0 0.53

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

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

	$L^*=L^*_a$	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 $h^* = lab^*b^* = h_{ab}/360 = 217/360 = 0.603$ — $u^* = g50b$

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

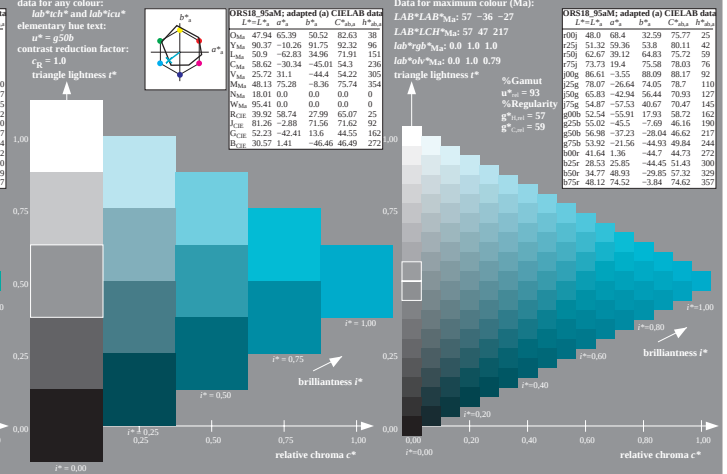
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −36 −27
$LAB^*LCH^*_{Ma}$: 57 47 217
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.79

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

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

	$L^*=L^*_a$	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 $h^* = lab^*b^* = h_{ab}/360 = 244/360 = 0.679$ — $u^* = g75b$

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

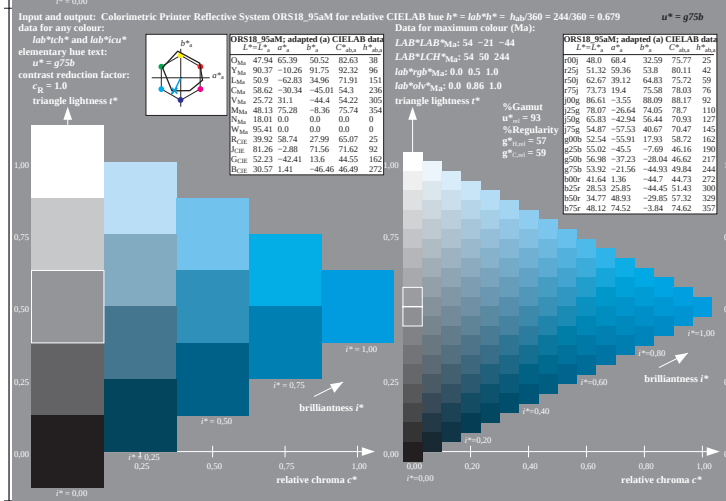
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −21 −44
$LAB^*LCH^*_{Ma}$: 54 50 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.86 1.0

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

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

	$L^*=L^*_a$	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 $h^* = lab^*b^* = h_{ab}/360 = 272/360 = 0.755$ — $u^* = b00r$

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

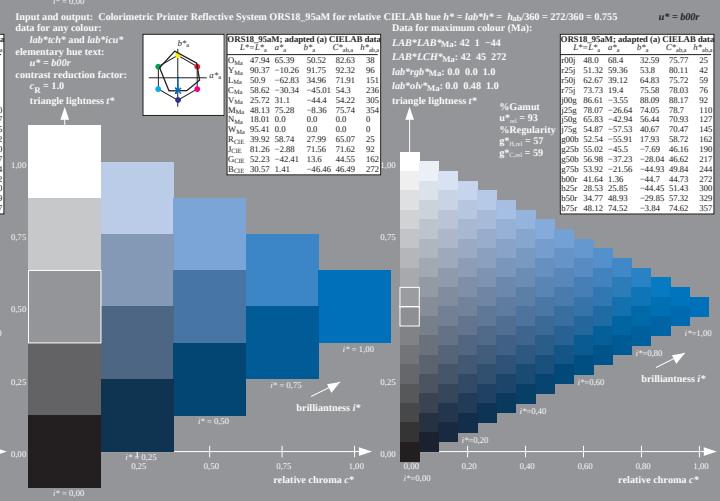
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 42 1 −44
$LAB^*LCH^*_{Ma}$: 42 45 272
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.48 1.0

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

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

	$L^*=L^*_a$	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 $h^* = lab^*b^* = h_{ab}/360 = 300/360 = 0.834$ — $u^* = b25r$

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

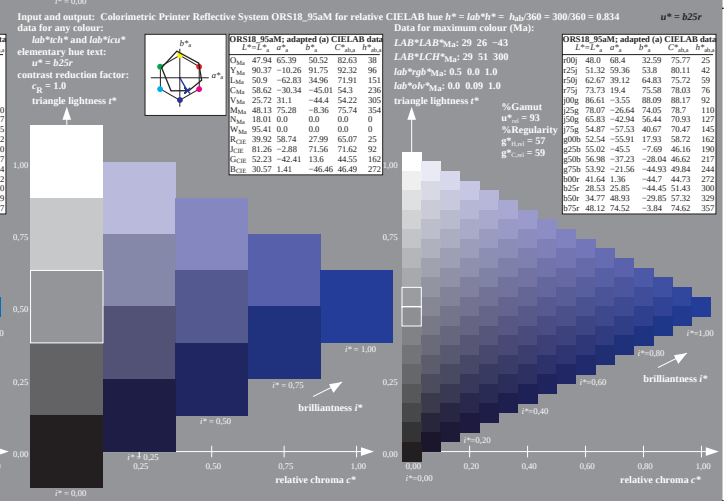
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 29 26 −43
$LAB^*LCH^*_{Ma}$: 29 51 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.09 1.0

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

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

	$L^*=L^*_a$	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 $h^* = lab^*b^* = h_{ab}/360 = 329/360 = 0.913$ — $u^* = b50r$

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

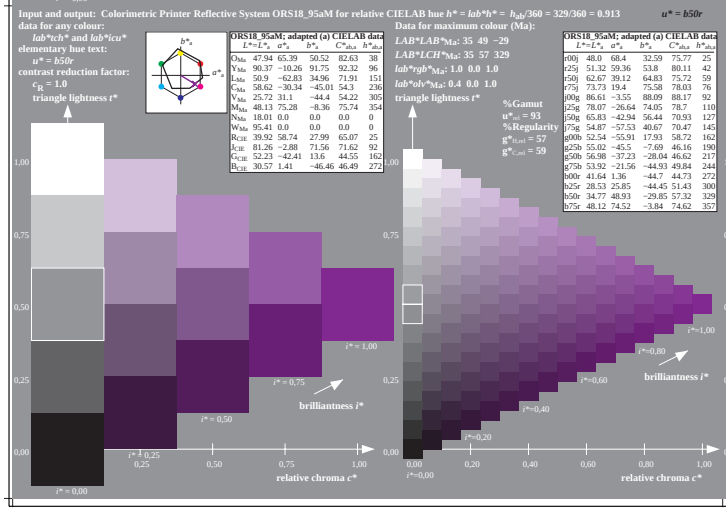
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 49 −29
$LAB^*LCH^*_{Ma}$: 35 57 329
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.4 0.0 1.0

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

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

	$L^*=L^*_a$	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 $h^* = lab^*b^* = h_{ab}/360 = 357/360 = 0.992$ — $u^* = b75r$

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

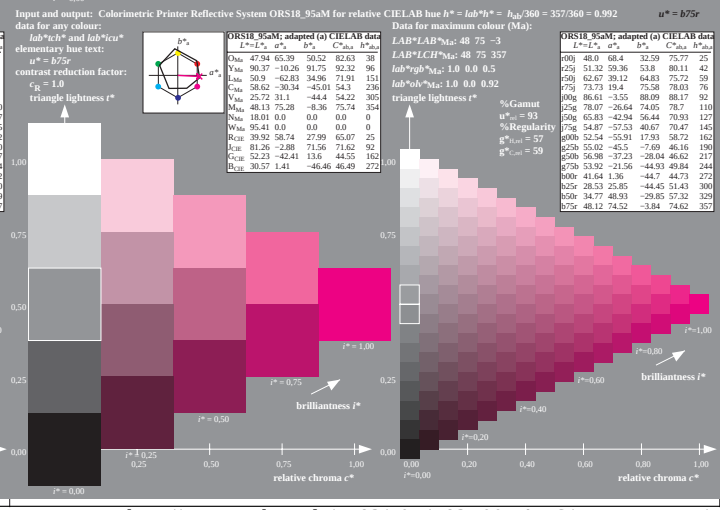
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 75 −3
$LAB^*LCH^*_{Ma}$: 48 75 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

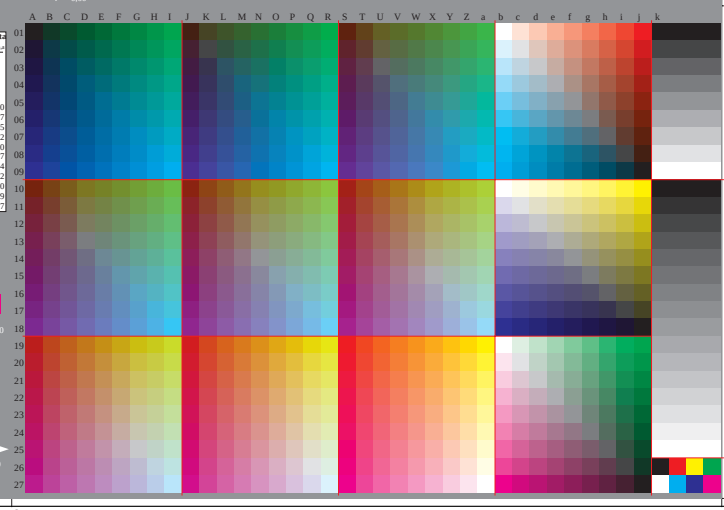
%Gamut $u^*_{gm} = 93$
%Regularity $g^*_{R,rel} = 57$
$g^*_{C,rel} = 59$

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

	$L^*=L^*_a$	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



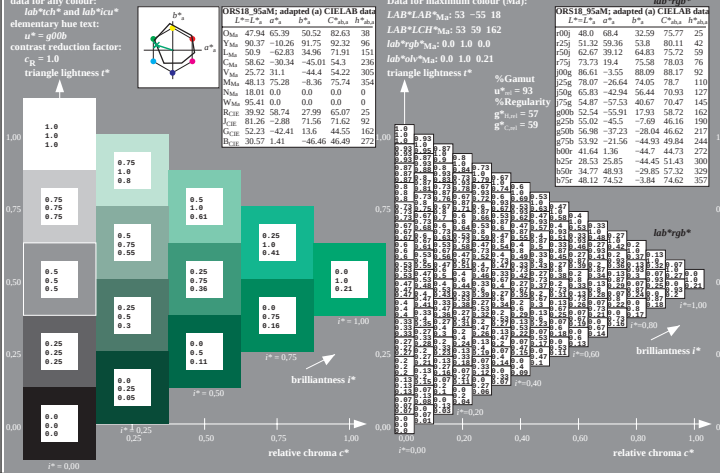


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

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

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

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

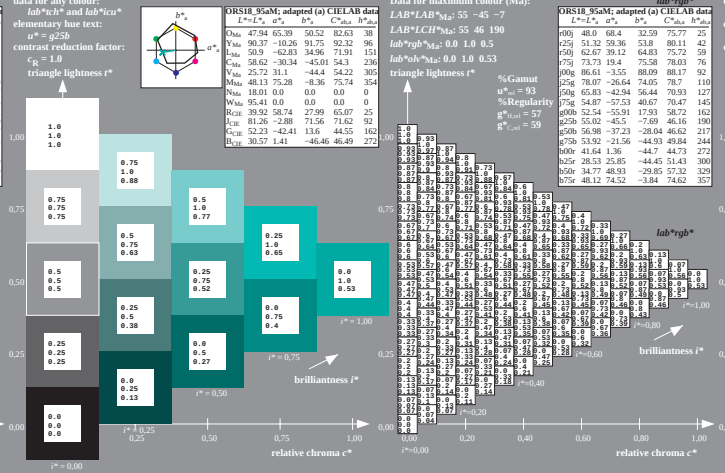


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

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

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

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

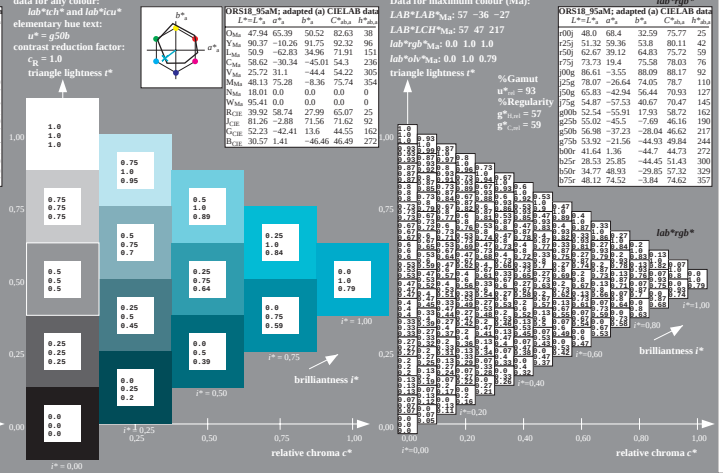


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

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

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

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

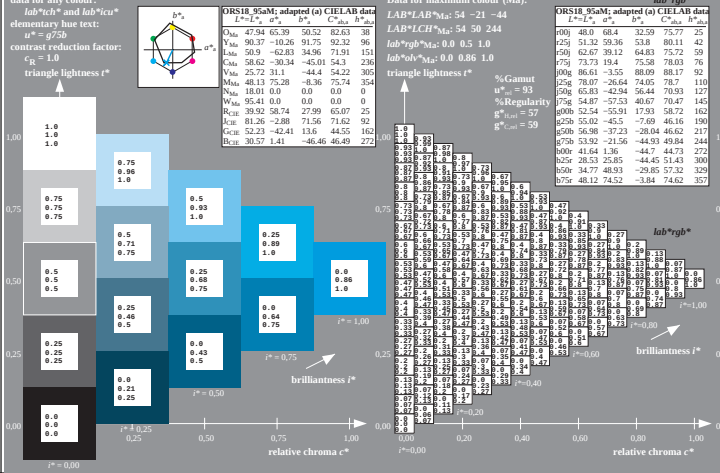


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

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

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

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

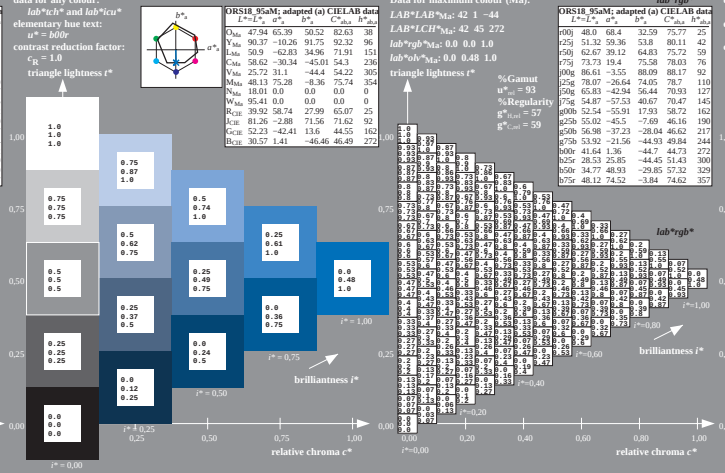


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

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

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

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

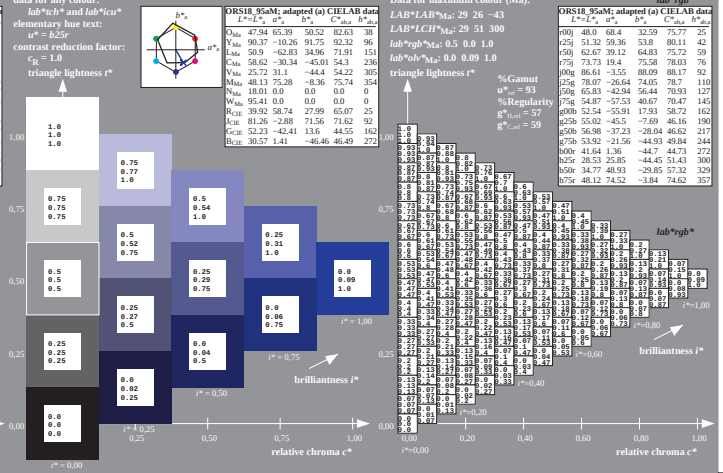


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

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

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

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

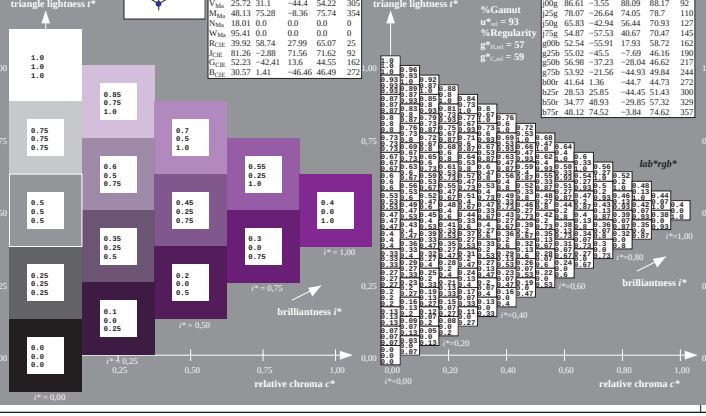


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

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

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

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

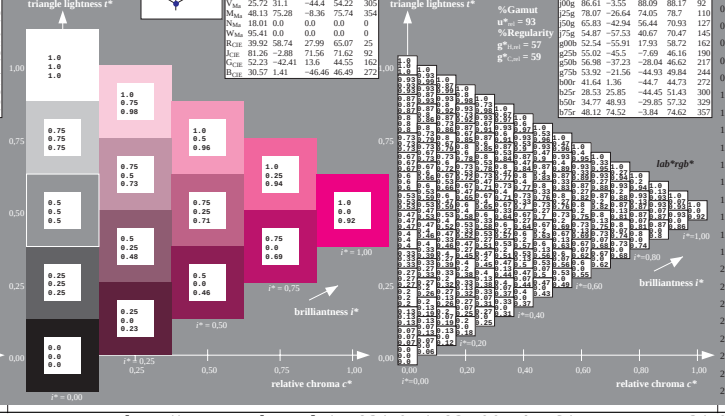


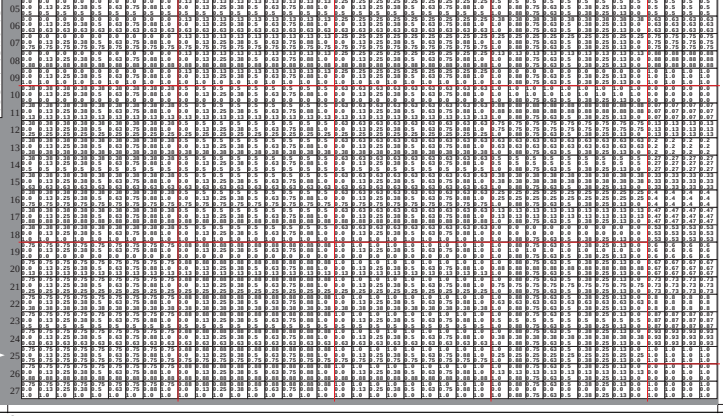
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

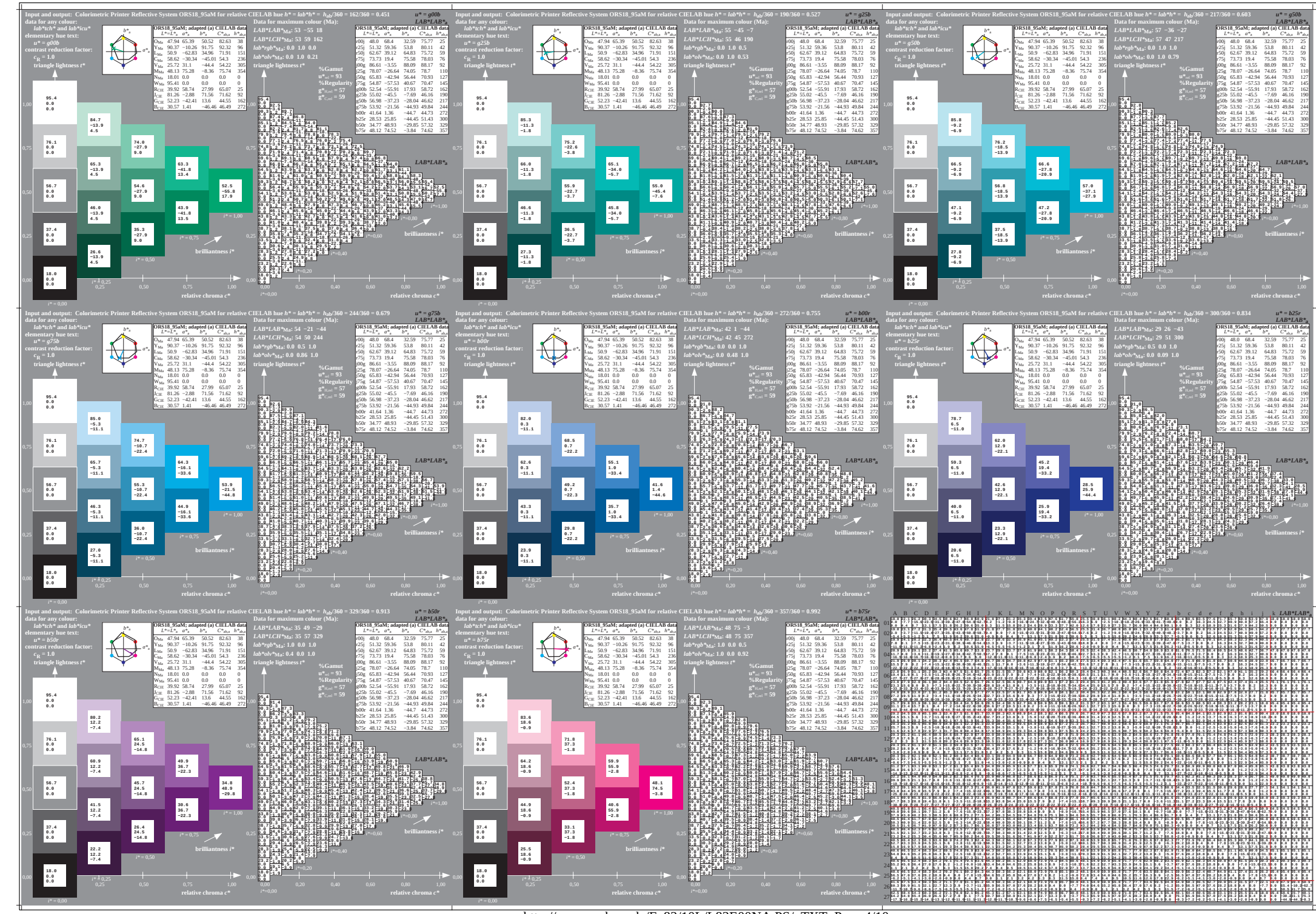
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = b75r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

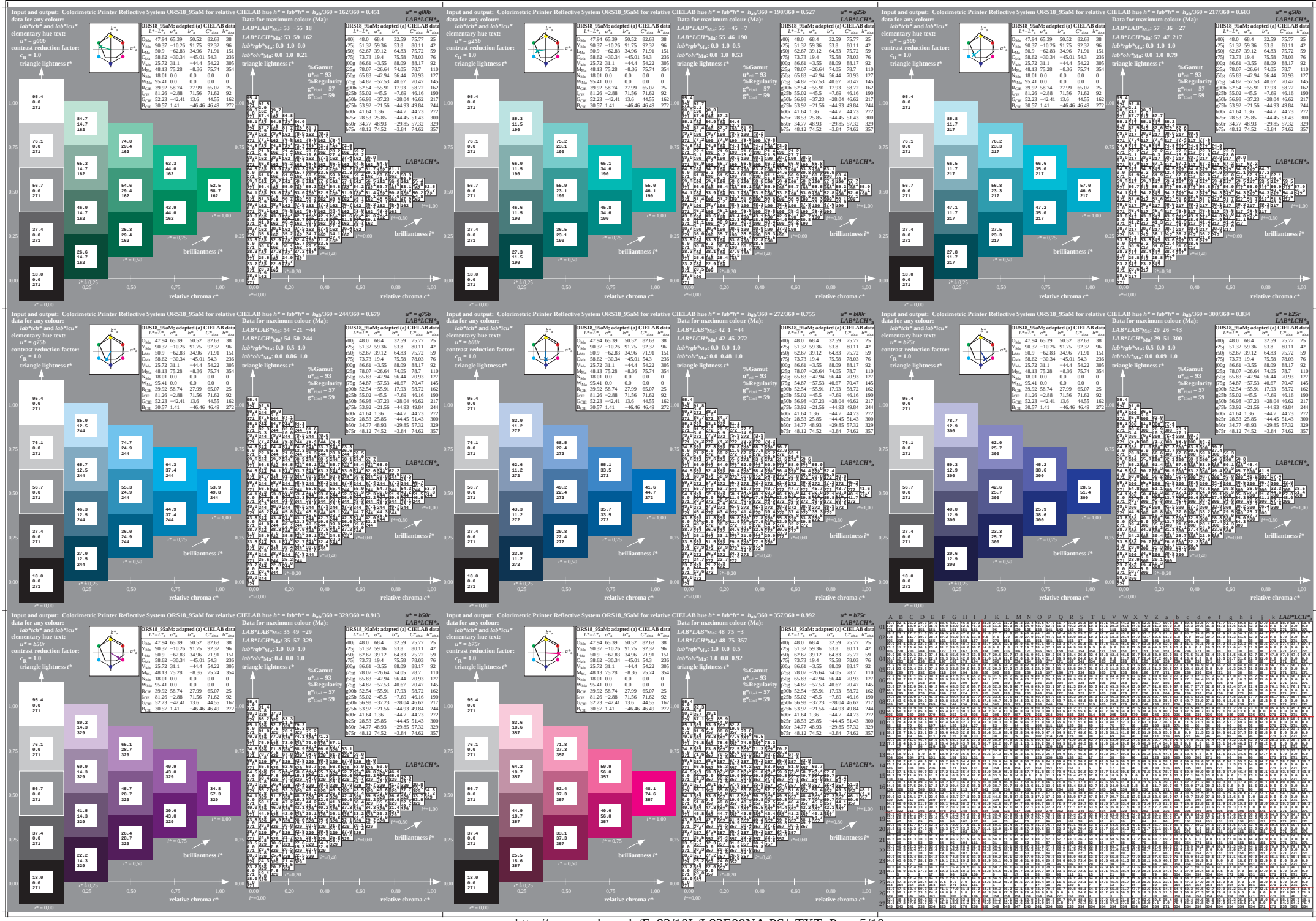
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 75 −3
$LAB^*LCH^*_{Ma}$: 48 75 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

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






Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
ORS18_95aM; adapted (a) CIELAB data
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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
%Gamut
u*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
ORS18_95aM; adapted (a) CIELAB data
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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
%Gamut
u*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
ORS18_95aM; adapted (a) CIELAB data
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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
%Gamut
u*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
ORS18_95aM; adapted (a) CIELAB data
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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
%Gamut
u*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
ORS18_95aM; adapted (a) CIELAB data
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
ORS18_95aM; adapted (a) CIELAB data
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
ORS18_95aM; adapted (a) CIELAB data
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
ORS18_95aM; adapted (a) CIELAB data
relative chroma c*
brilliantness i*

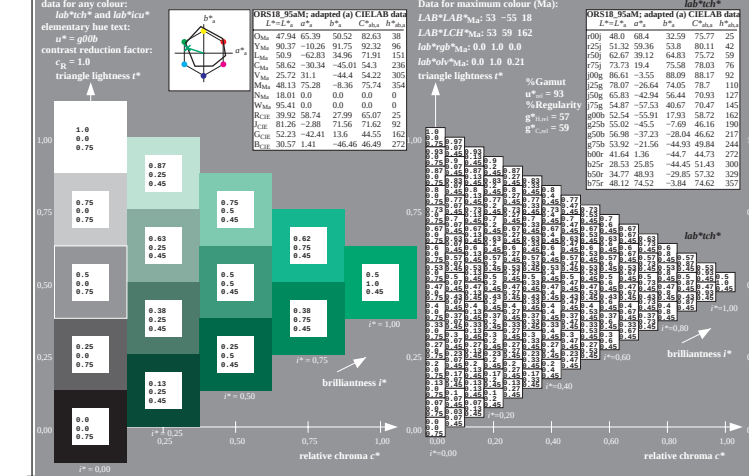

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 162/360 = 0.451
u* = g00b
LAB*LCH*a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = g00b
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum 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*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
L*=L*a a*a b*a C*ab,a h*ab,a
Omax 47.94 65.39 50.52 82.63 38
Ymax 90.37 −10.26 91.75 92.32 96
Lmax 50.9 −62.83 34.96 71.91 151
Cmax 58.62 −30.34 −45.01 54.3 236
Vmax 25.72 31.1 −44.4 54.22 305
Mmax 48.13 75.28 −8.36 75.74 354
Nmax 18.01 0.0 0.0 0.0 0
Wmax 95.41 0.0 0.0 0.0 0
RCIE 39.92 58.74 27.99 65.07 25
JCIE 81.26 −2.88 71.56 71.62 92
GCIE 52.23 −42.41 13.6 44.55 162
BCIE 30.57 1.41 −46.46 46.49 272
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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
%Gamut
u*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
L*=L*a a*a b*a C*ab,a h*ab,a
Omax 47.94 65.39 50.52 82.63 38
Ymax 90.37 −10.26 91.75 92.32 96
Lmax 50.9 −62.83 34.96 71.91 151
Cmax 58.62 −30.34 −45.01 54.3 236
Vmax 25.72 31.1 −44.4 54.22 305
Mmax 48.13 75.28 −8.36 75.74 354
Nmax 18.01 0.0 0.0 0.0 0
Wmax 95.41 0.0 0.0 0.0 0
RCIE 39.92 58.74 27.99 65.07 25
JCIE 81.26 −2.88 71.56 71.62 92
GCIE 52.23 −42.41 13.6 44.55 162
BCIE 30.57 1.41 −46.46 46.49 272
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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
%Gamut
u*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
L*=L*a a*a b*a C*ab,a h*ab,a
Omax 47.94 65.39 50.52 82.63 38
Ymax 90.37 −10.26 91.75 92.32 96
Lmax 50.9 −62.83 34.96 71.91 151
Cmax 58.62 −30.34 −45.01 54.3 236
Vmax 25.72 31.1 −44.4 54.22 305
Mmax 48.13 75.28 −8.36 75.74 354
Nmax 18.01 0.0 0.0 0.0 0
Wmax 95.41 0.0 0.0 0.0 0
RCIE 39.92 58.74 27.99 65.07 25
JCIE 81.26 −2.88 71.56 71.62 92
GCIE 52.23 −42.41 13.6 44.55 162
BCIE 30.57 1.41 −46.46 46.49 272
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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
%Gamut
u*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
L*=L*a a*a b*a C*ab,a h*ab,a
Omax 47.94 65.39 50.52 82.63 38
Ymax 90.37 −10.26 91.75 92.32 96
Lmax 50.9 −62.83 34.96 71.91 151
Cmax 58.62 −30.34 −45.01 54.3 236
Vmax 25.72 31.1 −44.4 54.22 305
Mmax 48.13 75.28 −8.36 75.74 354
Nmax 18.01 0.0 0.0 0.0 0
Wmax 95.41 0.0 0.0 0.0 0
RCIE 39.92 58.74 27.99 65.07 25
JCIE 81.26 −2.88 71.56 71.62 92
GCIE 52.23 −42.41 13.6 44.55 162
BCIE 30.57 1.41 −46.46 46.49 272
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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
%Gamut
u*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
L*=L*a a*a b*a C*ab,a h*ab,a
Omax 47.94 65.39 50.52 82.63 38
Ymax 90.37 −10.26 91.75 92.32 96
Lmax 50.9 −62.83 34.96 71.91 151
Cmax 58.62 −30.34 −45.01 54.3 236
Vmax 25.72 31.1 −44.4 54.22 305
Mmax 48.13 75.28 −8.36 75.74 354
Nmax 18.01 0.0 0.0 0.0 0
Wmax 95.41 0.0 0.0 0.0 0
RCIE 39.92 58.74 27.99 65.07 25
JCIE 81.26 −2.88 71.56 71.62 92
GCIE 52.23 −42.41 13.6 44.55 162
BCIE 30.57 1.41 −46.46 46.49 272
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
L*=L*a a*a b*a C*ab,a h*ab,a
Omax 47.94 65.39 50.52 82.63 38
Ymax 90.37 −10.26 91.75 92.32 96
Lmax 50.9 −62.83 34.96 71.91 151
Cmax 58.62 −30.34 −45.01 54.3 236
Vmax 25.72 31.1 −44.4 54.22 305
Mmax 48.13 75.28 −8.36 75.74 354
Nmax 18.01 0.0 0.0 0.0 0
Wmax 95.41 0.0 0.0 0.0 0
RCIE 39.92 58.74 27.99 65.07 25
JCIE 81.26 −2.88 71.56 71.62 92
GCIE 52.23 −42.41 13.6 44.55 162
BCIE 30.57 1.41 −46.46 46.49 272
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
L*=L*a a*a b*a C*ab,a h*ab,a
Omax 47.94 65.39 50.52 82.63 38
Ymax 90.37 −10.26 91.75 92.32 96
Lmax 50.9 −62.83 34.96 71.91 151
Cmax 58.62 −30.34 −45.01 54.3 236
Vmax 25.72 31.1 −44.4 54.22 305
Mmax 48.13 75.28 −8.36 75.74 354
Nmax 18.01 0.0 0.0 0.0 0
Wmax 95.41 0.0 0.0 0.0 0
RCIE 39.92 58.74 27.99 65.07 25
JCIE 81.26 −2.88 71.56 71.62 92
GCIE 52.23 −42.41 13.6 44.55 162
BCIE 30.57 1.41 −46.46 46.49 272
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/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:
cR = 1.0
triangle lightness t*
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*col = 93
%Regularity
g*R,col = 57
g*C,col = 59
ORS18_95aM; adapted (a) CIELAB data
L*=L*a a*a b*a C*ab,a h*ab,a
Omax 47.94 65.39 50.52 82.63 38
Ymax 90.37 −10.26 91.75 92.32 96
Lmax 50.9 −62.83 34.96 71.91 151
Cmax 58.62 −30.34 −45.01 54.3 236
Vmax 25.72 31.1 −44.4 54.22 305
Mmax 48.13 75.28 −8.36 75.74 354
Nmax 18.01 0.0 0.0 0.0 0
Wmax 95.41 0.0 0.0 0.0 0
RCIE 39.92 58.74 27.99 65.07 25
JCIE 81.26 −2.88 71.56 71.62 92
GCIE 52.23 −42.41 13.6 44.55 162
BCIE 30.57 1.41 −46.46 46.49 272
relative chroma c*
brilliantness i*
LAB*LCH*a

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

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 $u^*_{sol} = 93$
%Regularity $g^*_{R,tot} = 57$, $g^*_{R,col} = 59$

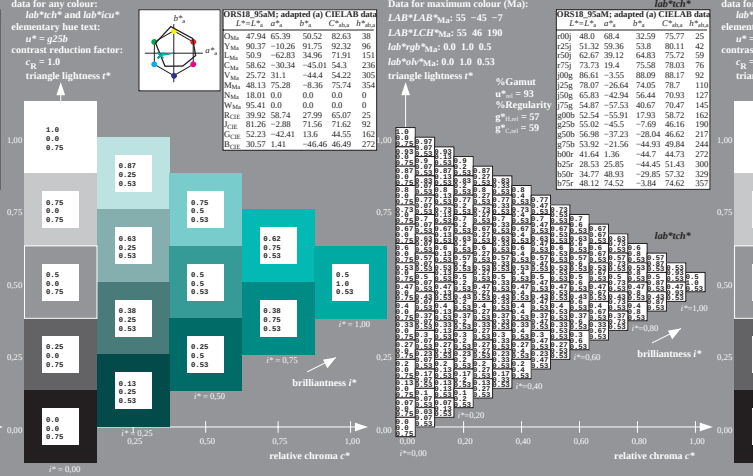


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*b^* = h_{ab}/360 = 190/360 = 0.527$ — $u^* = g25b$, lab^*tch^*

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

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

%Gamut $u^*_{sol} = 93$
%Regularity $g^*_{R,tot} = 57$, $g^*_{R,col} = 59$

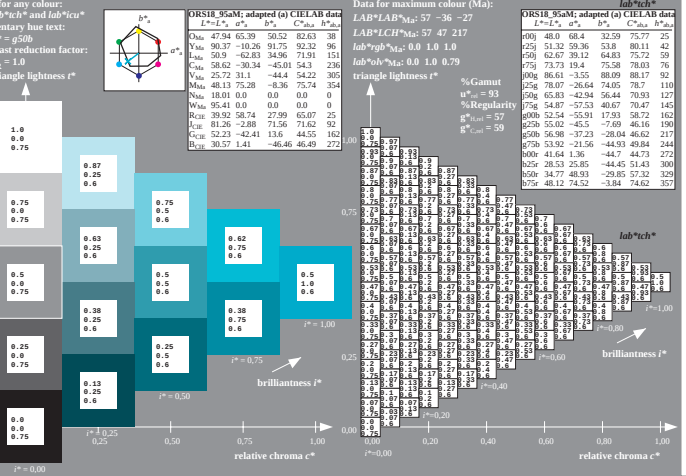


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*b^* = h_{ab}/360 = 217/360 = 0.603$ — $u^* = g50b$, lab^*tch^*

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

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

%Gamut $u^*_{sol} = 93$
%Regularity $g^*_{R,tot} = 57$, $g^*_{R,col} = 59$

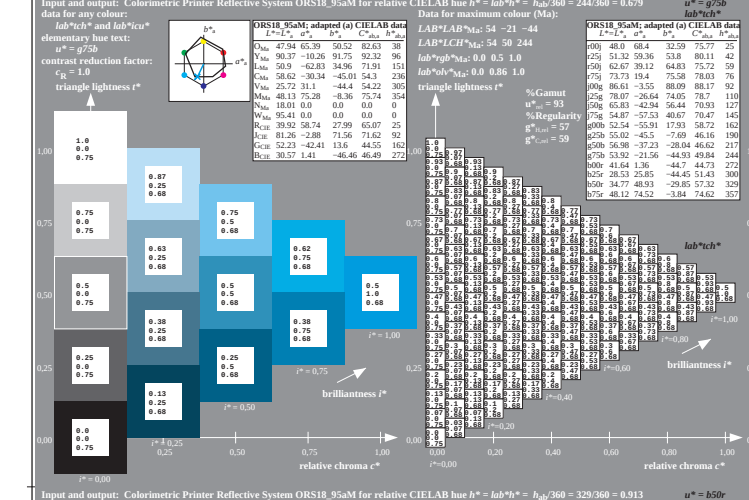


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*b^* = h_{ab}/360 = 244/360 = 0.679$ — $u^* = g75b$, lab^*tch^*

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

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

%Gamut $u^*_{sol} = 93$
%Regularity $g^*_{R,tot} = 57$, $g^*_{R,col} = 59$

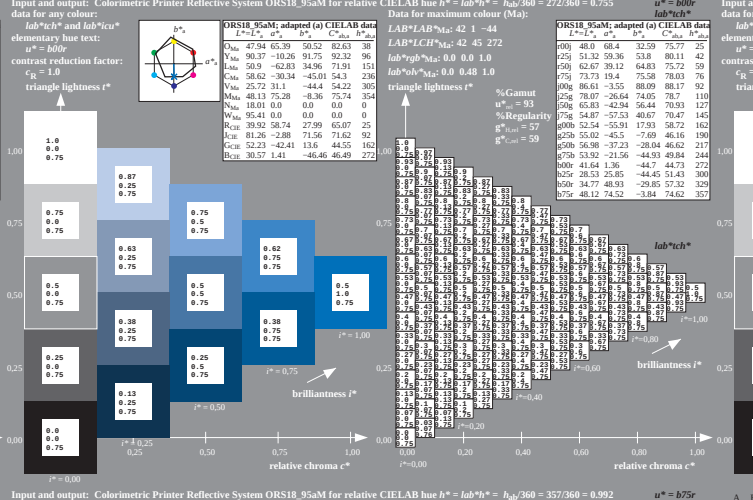


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*b^* = h_{ab}/360 = 272/360 = 0.755$ — $u^* = b00r$, lab^*tch^*

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

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

%Gamut $u^*_{sol} = 93$
%Regularity $g^*_{R,tot} = 57$, $g^*_{R,col} = 59$

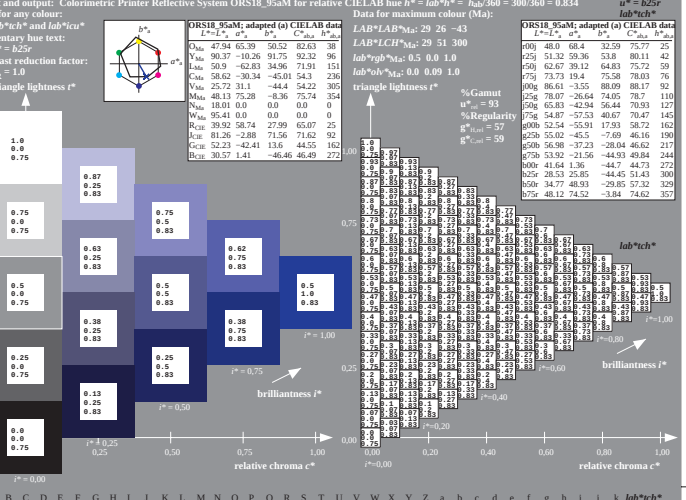


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*b^* = h_{ab}/360 = 300/360 = 0.834$ — $u^* = b25r$, lab^*tch^*

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

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 $u^*_{sol} = 93$
%Regularity $g^*_{R,tot} = 57$, $g^*_{R,col} = 59$

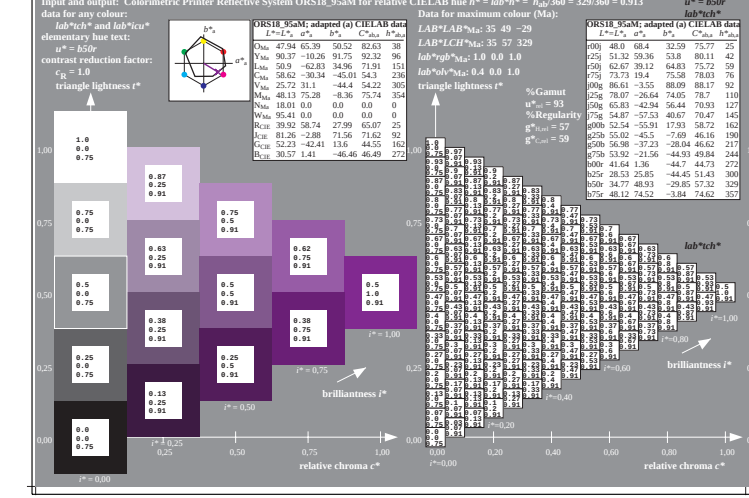


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*b^* = h_{ab}/360 = 329/360 = 0.913$ — $u^* = b50r$, lab^*tch^*

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

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 $u^*_{sol} = 93$
%Regularity $g^*_{R,tot} = 57$, $g^*_{R,col} = 59$

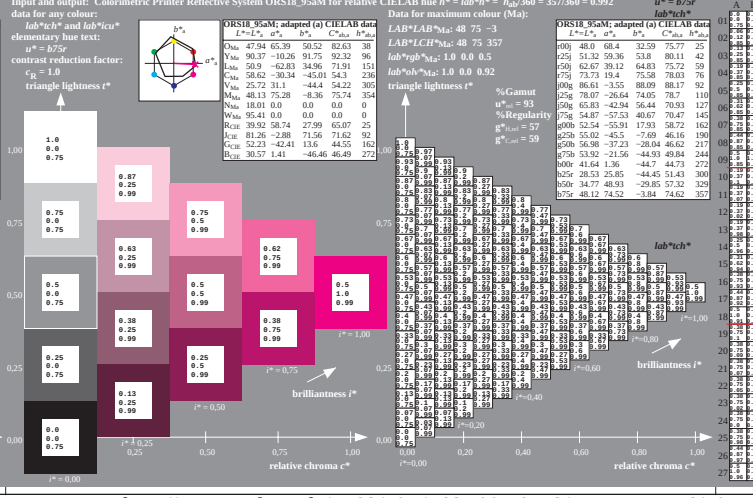


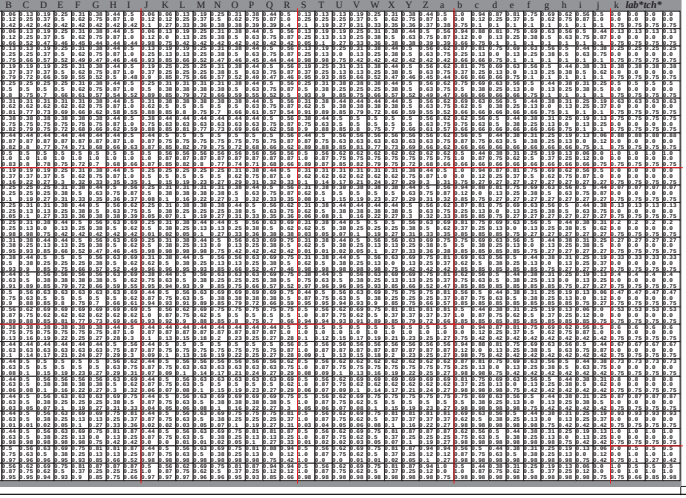
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*b^* = h_{ab}/360 = 357/360 = 0.992$ — $u^* = b75r$, lab^*tch^*

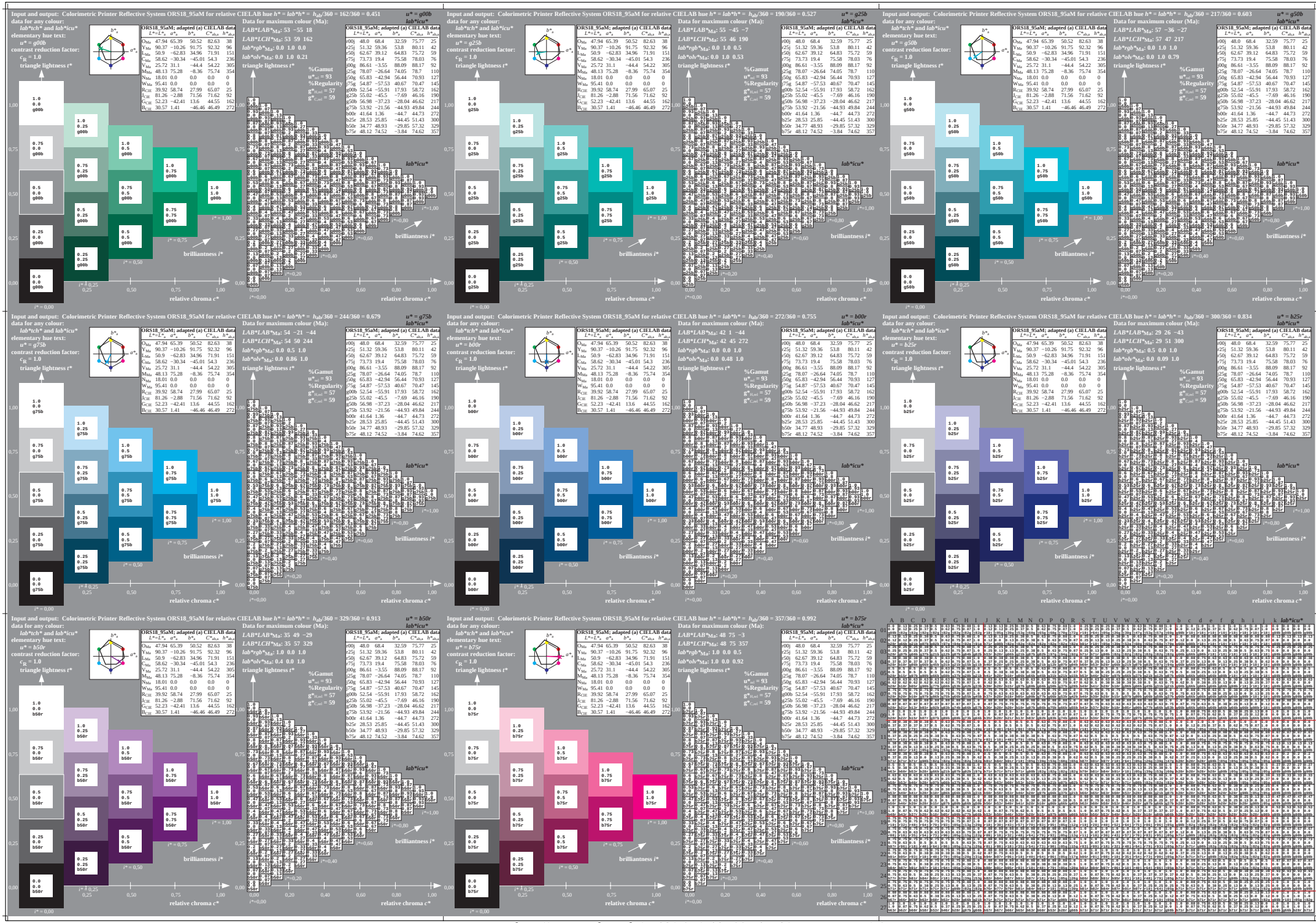
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = b75r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

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 $u^*_{sol} = 93$
%Regularity $g^*_{R,tot} = 57$, $g^*_{R,col} = 59$



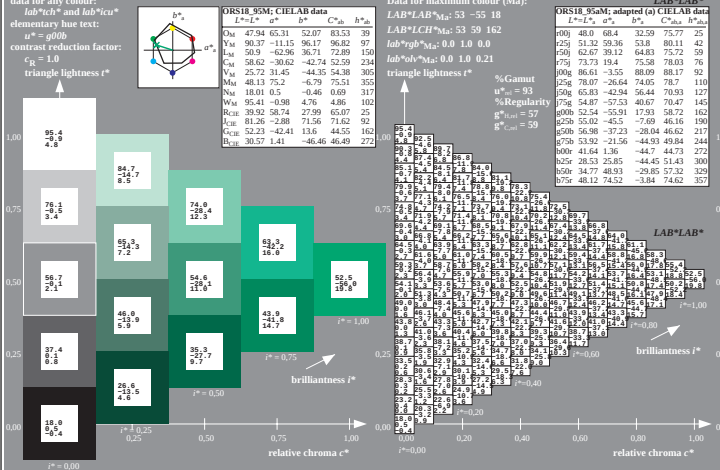



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*b*/a* = hab/360 = 162/360 = 0.451
u* = g00b
lab*icu*
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = g00b
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum 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*sol = 93
%Regularity
g*R,tol = 57
g*C,tol = 59
ORS18_95aM; adapted (a) CIELAB data
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*b*/a* = hab/360 = 190/360 = 0.527
u* = g25b
lab*icu*
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
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*b*/a* = hab/360 = 217/360 = 0.603
u* = g50b
lab*icu*
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
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*b*/a* = hab/360 = 244/360 = 0.679
u* = g75b
lab*icu*
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
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*b*/a* = hab/360 = 272/360 = 0.755
u* = b00r
lab*icu*
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
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*b*/a* = hab/360 = 300/360 = 0.834
u* = b25r
lab*icu*
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
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*b*/a* = hab/360 = 329/360 = 0.913
u* = b50r
lab*icu*
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
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*b*/a* = hab/360 = 357/360 = 0.992
u* = b75r
lab*icu*
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
relative chroma c*
brilliantness i*

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^*

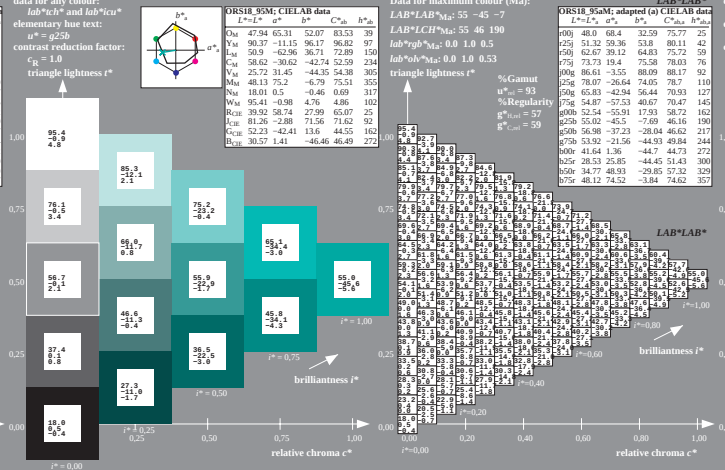
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −55 18
$LAB^*LCH^*_{Ma}$: 53 59 162
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.21



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^*

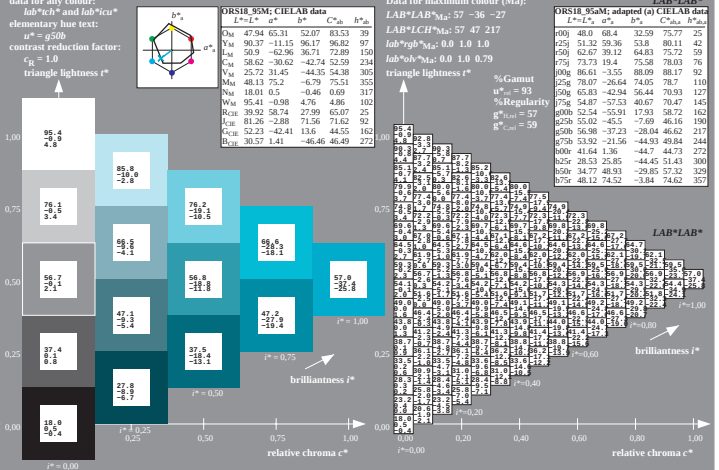
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 −45 −7
$LAB^*LCH^*_{Ma}$: 55 46 190
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
$lab^*olv^*_{Ma}$: 0.0 1.0 0.53



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^*

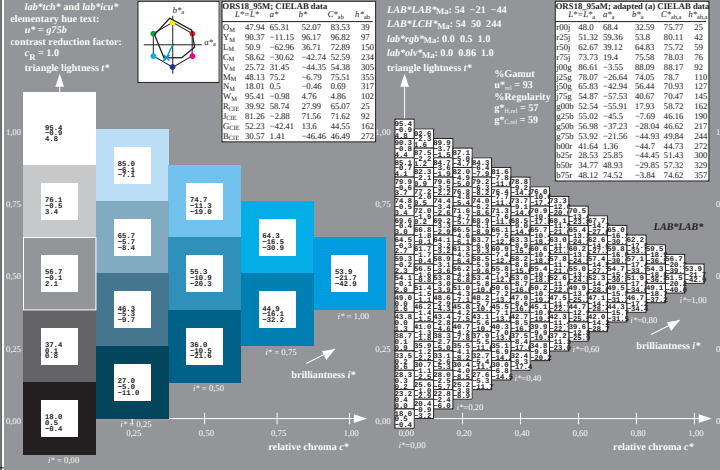
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 57 −36 −27
$LAB^*LCH^*_{Ma}$: 57 47 217
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.79



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^*

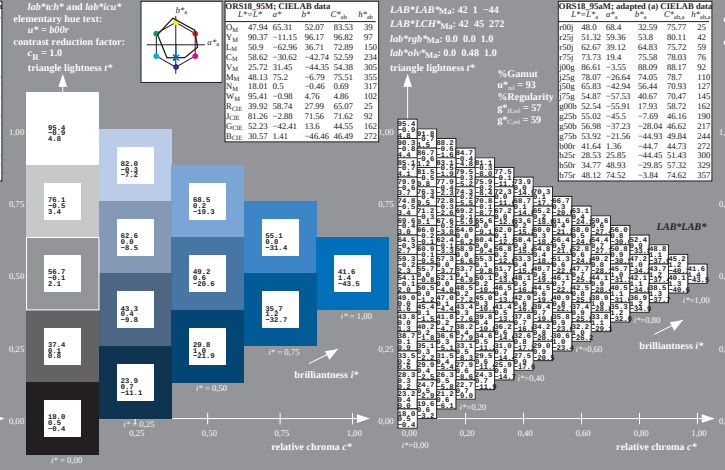
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −21 −44
$LAB^*LCH^*_{Ma}$: 54 50 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.86 1.0



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: $c_R = 1.0$
triangle lightness t^*

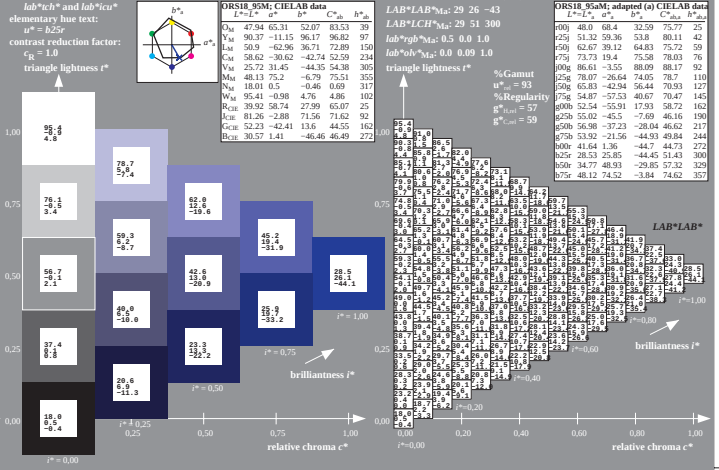
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 42 1 −44
$LAB^*LCH^*_{Ma}$: 42 45 272
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.48 1.0



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: $c_R = 1.0$
triangle lightness t^*

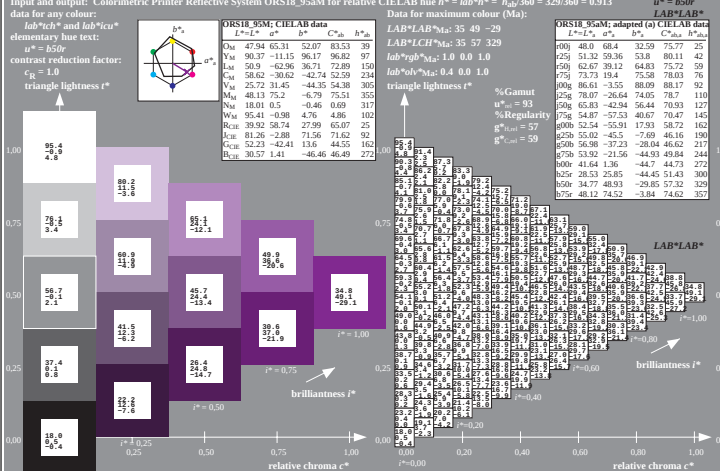
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 29 26 −43
$LAB^*LCH^*_{Ma}$: 29 51 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.09 1.0



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^*

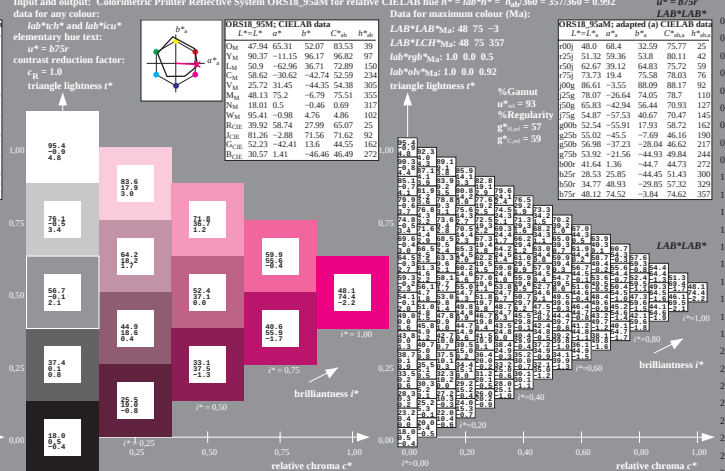
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 49 −29
$LAB^*LCH^*_{Ma}$: 35 57 329
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.4 0.0 1.0

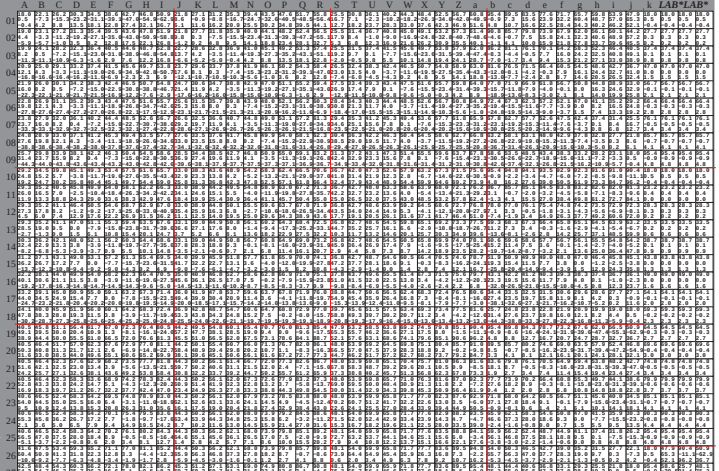


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$ — $u^* = b75r$, LAB^*LAB^*

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

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



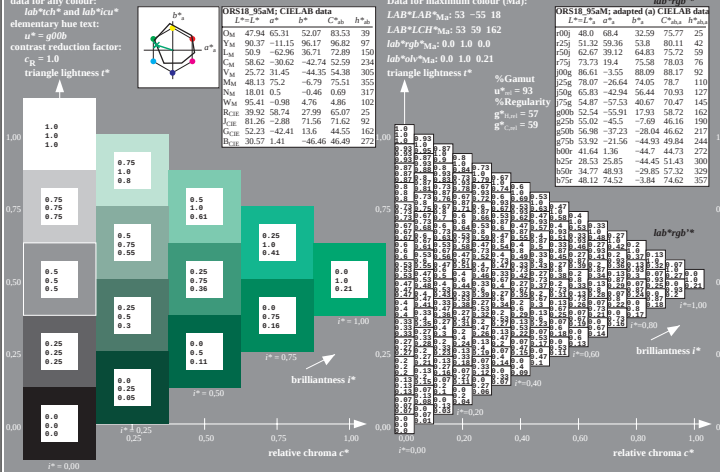


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$

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

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

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

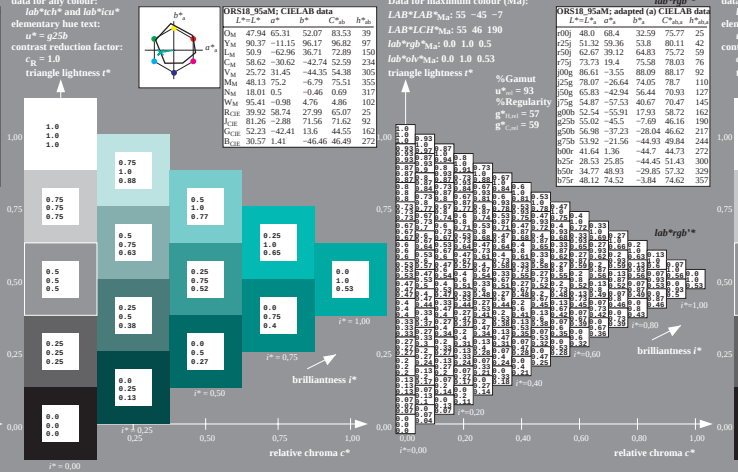


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527$

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

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

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

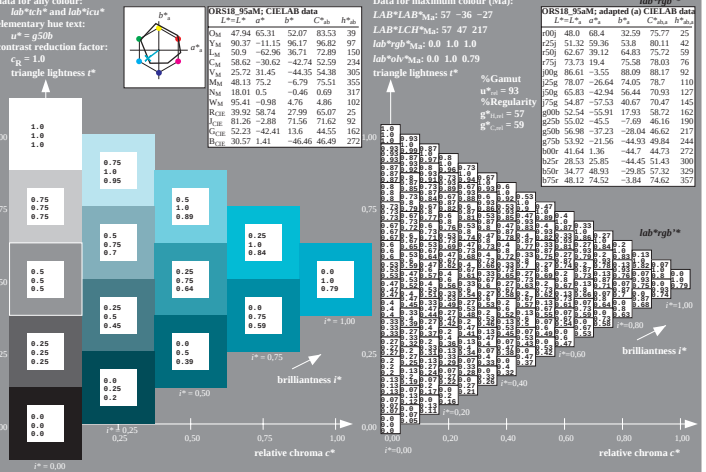


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 217/360 = 0.603$

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

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

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

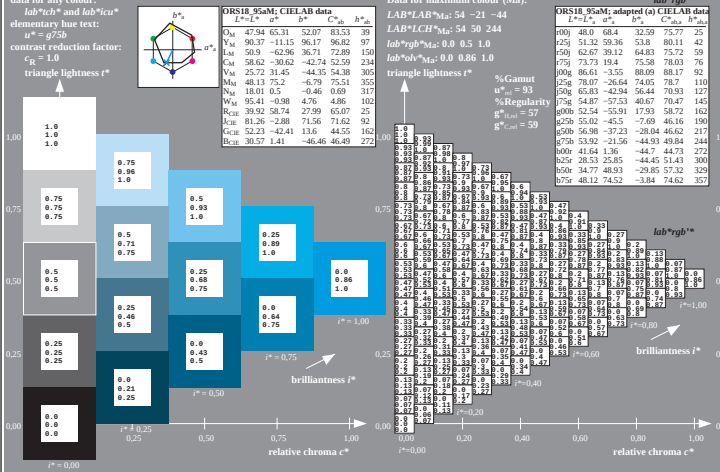


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$

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

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

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

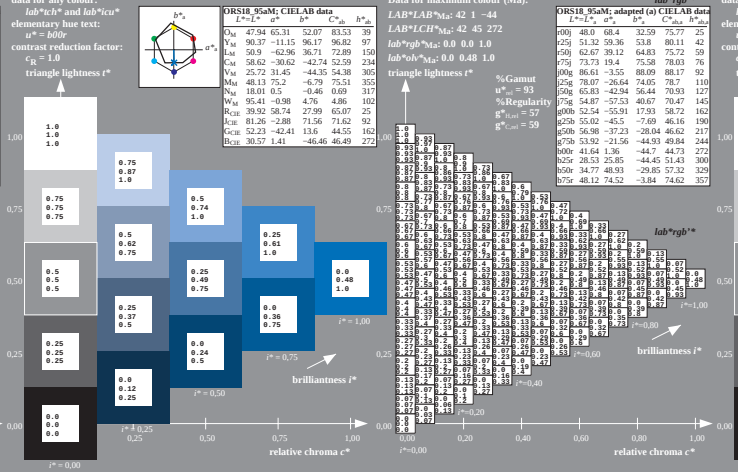


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$

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

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

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

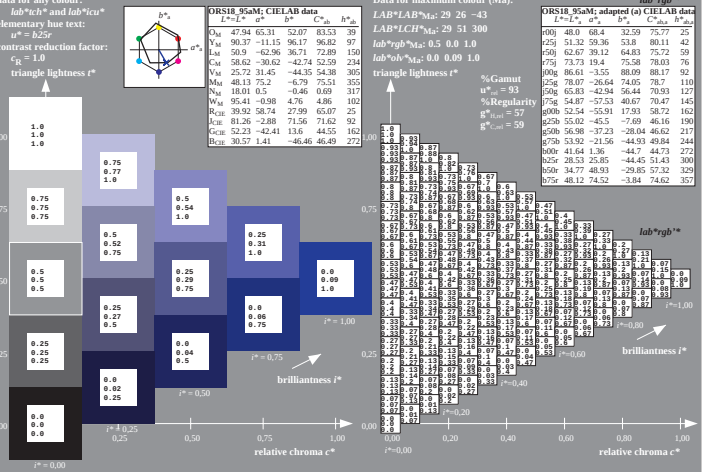


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$

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

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

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

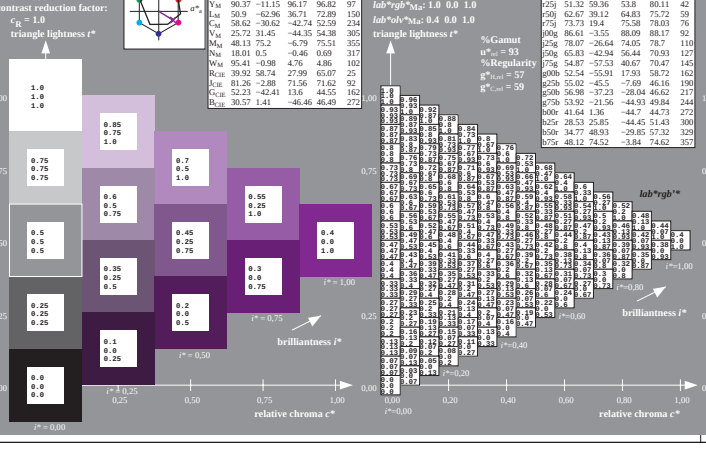


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$

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

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

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

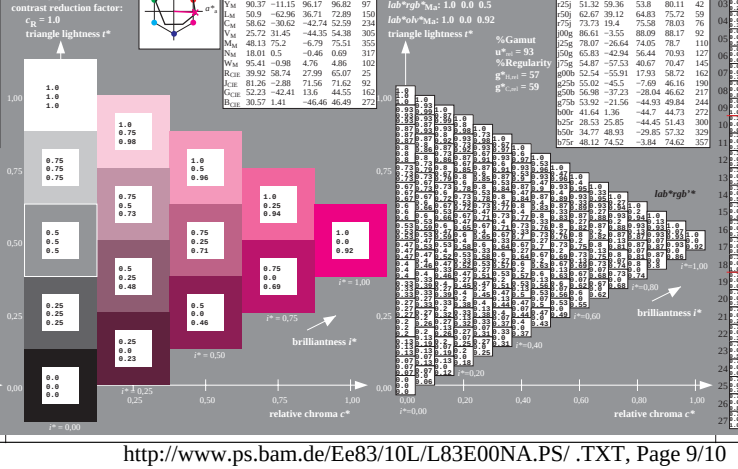


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$

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

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

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

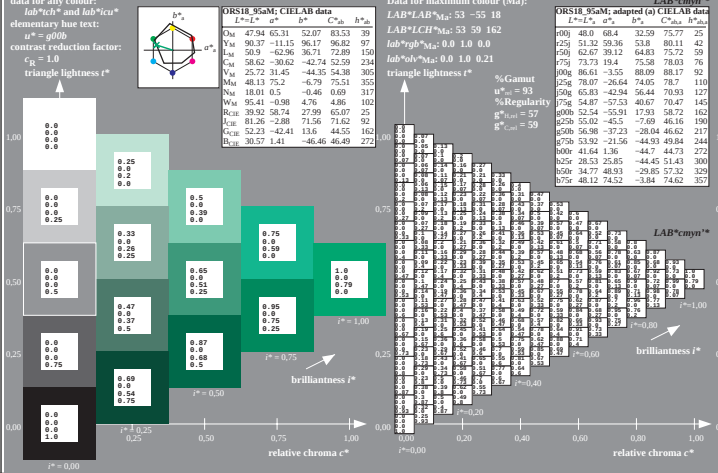


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*b^* = h_{ab}/360 = 162/360 = 0.451$ — $u^* = g00b$, $LAB^*cmyn'^*$

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

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 $u^*_{col} = 93$
%Regularity $g^*_{R,col} = 57$
$g^*_{C,col} = 59$



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Ma}	47.94	65.31	52.07	83.53	39
Y_{Ma}	90.37	−11.15	96.17	96.82	97
L_{Ma}	50.9	−62.96	36.71	72.89	150
C_{Ma}	58.62	−30.62	−42.74	52.59	234
V_{Ma}	25.72	31.45	−44.35	54.38	305
M_{Ma}	48.13	75.2	−6.79	75.51	355
N_{Ma}	18.01	0.5	−0.46	0.69	317
W_{Ma}	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

ORS18_95aM; adapted (a) CIELAB data

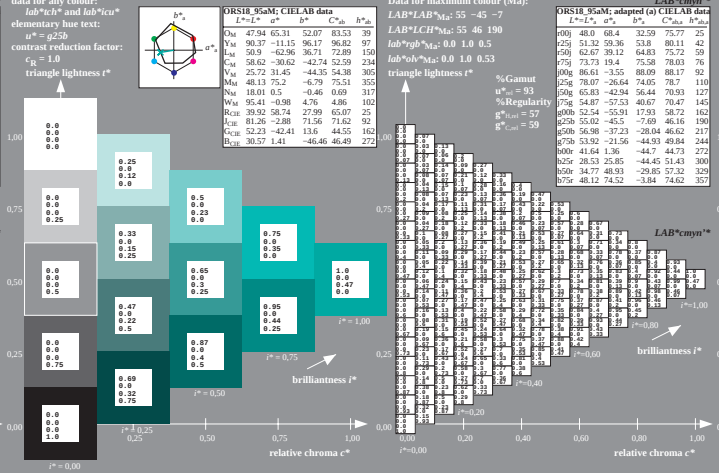
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
g00g	86.61	−3.55	88.09	88.17	92
g25g	78.07	−26.64	74.05	78.7	110
g50g	65.83	−42.94	56.44	70.93	127
g75g	54.87	−57.53	40.67	70.47	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 $h^* = lab^*b^* = h_{ab}/360 = 190/360 = 0.527$ — $u^* = g25b$, $LAB^*cmyn'^*$

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

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

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



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Ma}	47.94	65.31	52.07	83.53	39
Y_{Ma}	90.37	−11.15	96.17	96.82	97
L_{Ma}	50.9	−62.96	36.71	72.89	150
C_{Ma}	58.62	−30.62	−42.74	52.59	234
V_{Ma}	25.72	31.45	−44.35	54.38	305
M_{Ma}	48.13	75.2	−6.79	75.51	355
N_{Ma}	18.01	0.5	−0.46	0.69	317
W_{Ma}	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

ORS18_95aM; adapted (a) CIELAB data

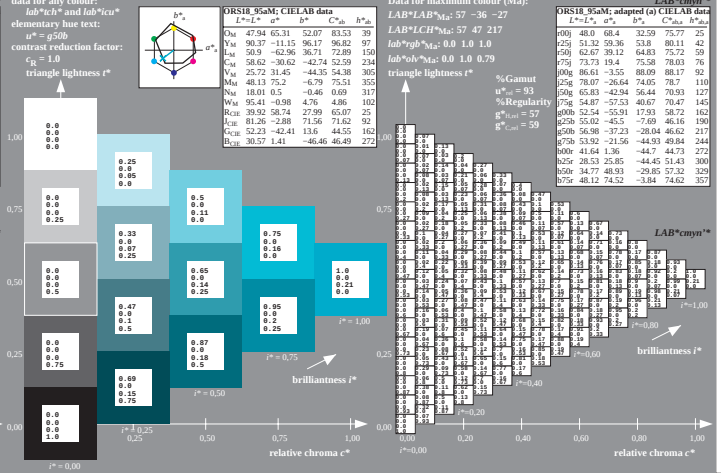
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
g00g	86.61	−3.55	88.09	88.17	92
g25g	78.07	−26.64	74.05	78.7	110
g50g	65.83	−42.94	56.44	70.93	127
g75g	54.87	−57.53	40.67	70.47	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 $h^* = lab^*b^* = h_{ab}/360 = 217/360 = 0.603$ — $u^* = g50b$, $LAB^*cmyn'^*$

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

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

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



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Ma}	47.94	65.31	52.07	83.53	39
Y_{Ma}	90.37	−11.15	96.17	96.82	97
L_{Ma}	50.9	−62.96	36.71	72.89	150
C_{Ma}	58.62	−30.62	−42.74	52.59	234
V_{Ma}	25.72	31.45	−44.35	54.38	305
M_{Ma}	48.13	75.2	−6.79	75.51	355
N_{Ma}	18.01	0.5	−0.46	0.69	317
W_{Ma}	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

ORS18_95aM; adapted (a) CIELAB data

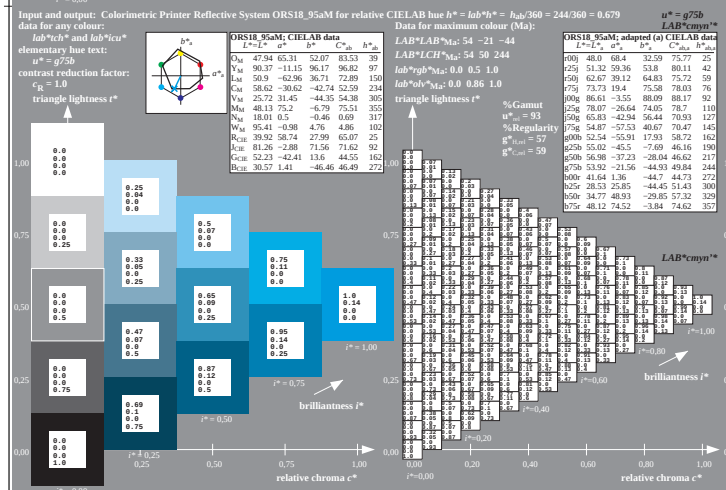
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
g00g	86.61	−3.55	88.09	88.17	92
g25g	78.07	−26.64	74.05	78.7	110
g50g	65.83	−42.94	56.44	70.93	127
g75g	54.87	−57.53	40.67	70.47	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 $h^* = lab^*b^* = h_{ab}/360 = 244/360 = 0.679$ — $u^* = g75b$, $LAB^*cmyn'^*$

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

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

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



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Ma}	47.94	65.31	52.07	83.53	39
Y_{Ma}	90.37	−11.15	96.17	96.82	97
L_{Ma}	50.9	−62.96	36.71	72.89	150
C_{Ma}	58.62	−30.62	−42.74	52.59	234
V_{Ma}	25.72	31.45	−44.35	54.38	305
M_{Ma}	48.13	75.2	−6.79	75.51	355
N_{Ma}	18.01	0.5	−0.46	0.69	317
W_{Ma}	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

ORS18_95aM; adapted (a) CIELAB data

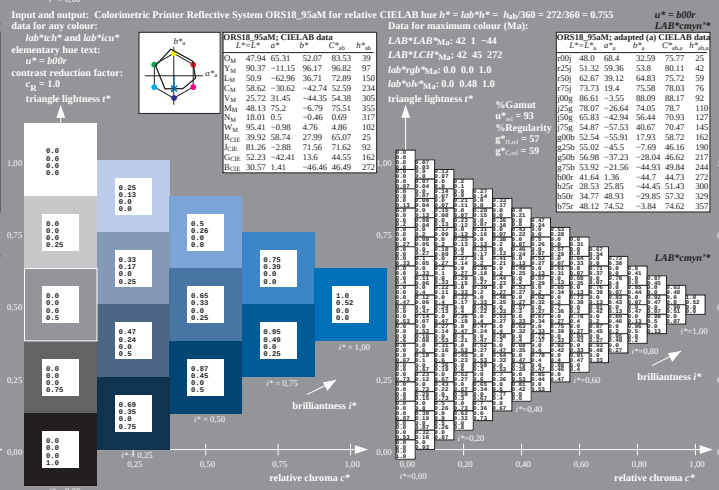
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
g00g	86.61	−3.55	88.09	88.17	92
g25g	78.07	−26.64	74.05	78.7	110
g50g	65.83	−42.94	56.44	70.93	127
g75g	54.87	−57.53	40.67	70.47	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 $h^* = lab^*b^* = h_{ab}/360 = 272/360 = 0.755$ — $u^* = b00r$, $LAB^*cmyn'^*$

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

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

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



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Ma}	47.94	65.31	52.07	83.53	39
Y_{Ma}	90.37	−11.15	96.17	96.82	97
L_{Ma}	50.9	−62.96	36.71	72.89	150
C_{Ma}	58.62	−30.62	−42.74	52.59	234
V_{Ma}	25.72	31.45	−44.35	54.38	305
M_{Ma}	48.13	75.2	−6.79	75.51	355
N_{Ma}	18.01	0.5	−0.46	0.69	317
W_{Ma}	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

ORS18_95aM; adapted (a) CIELAB data

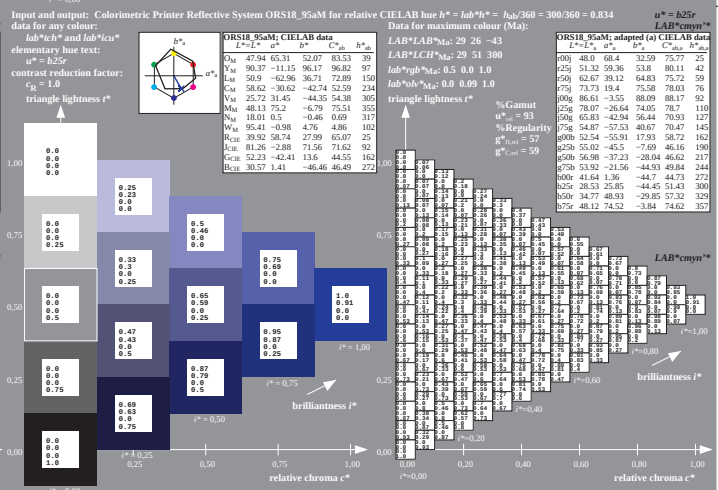
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
g00g	86.61	−3.55	88.09	88.17	92
g25g	78.07	−26.64	74.05	78.7	110
g50g	65.83	−42.94	56.44	70.93	127
g75g	54.87	−57.53	40.67	70.47	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 $h^* = lab^*b^* = h_{ab}/360 = 300/360 = 0.834$ — $u^* = b25r$, $LAB^*cmyn'^*$

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

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 $u^*_{col} = 93$
%Regularity $g^*_{R,col} = 57$
$g^*_{C,col} = 59$



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Ma}	47.94	65.31	52.07	83.53	39
Y_{Ma}	90.37	−11.15	96.17	96.82	97
L_{Ma}	50.9	−62.96	36.71	72.89	150
C_{Ma}	58.62	−30.62	−42.74	52.59	234
V_{Ma}	25.72	31.45	−44.35	54.38	305
M_{Ma}	48.13	75.2	−6.79	75.51	355
N_{Ma}	18.01	0.5	−0.46	0.69	317
W_{Ma}	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

ORS18_95aM; adapted (a) CIELAB data

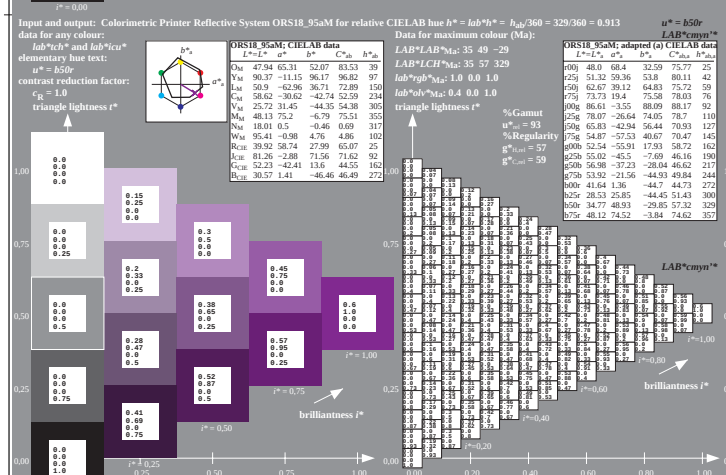
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
g00g	86.61	−3.55	88.09	88.17	92
g25g	78.07	−26.64	74.05	78.7	110
g50g	65.83	−42.94	56.44	70.93	127
g75g	54.87	−57.53	40.67	70.47	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 $h^* = lab^*b^* = h_{ab}/360 = 329/360 = 0.913$ — $u^* = b50r$, $LAB^*cmyn'^*$

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

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 49 −29
$LAB^*LCH^*_{Ma}$: 35 57 329
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 0.4 0.0 1.0

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



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Ma}	47.94	65.31	52.07	83.53	39
Y_{Ma}	90.37	−11.15	96.17	96.82	97
L_{Ma}	50.9	−62.96	36.71	72.89	150
C_{Ma}	58.62	−30.62	−42.74	52.59	234
V_{Ma}	25.72	31.45	−44.35	54.38	305
M_{Ma}	48.13	75.2	−6.79	75.51	355
N_{Ma}	18.01	0.5	−0.46	0.69	317
W_{Ma}	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

ORS18_95aM; adapted (a) CIELAB data

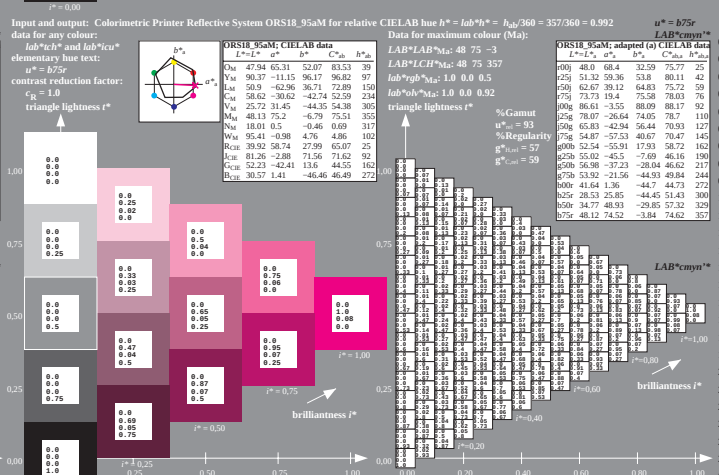
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
g00g	86.61	−3.55	88.09	88.17	92
g25g	78.07	−26.64	74.05	78.7	110
g50g	65.83	−42.94	56.44	70.93	127
g75g	54.87	−57.53	40.67	70.47	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 $h^* = lab^*b^* = h_{ab}/360 = 357/360 = 0.992$ — $u^* = b75r$, $LAB^*cmyn'^*$

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

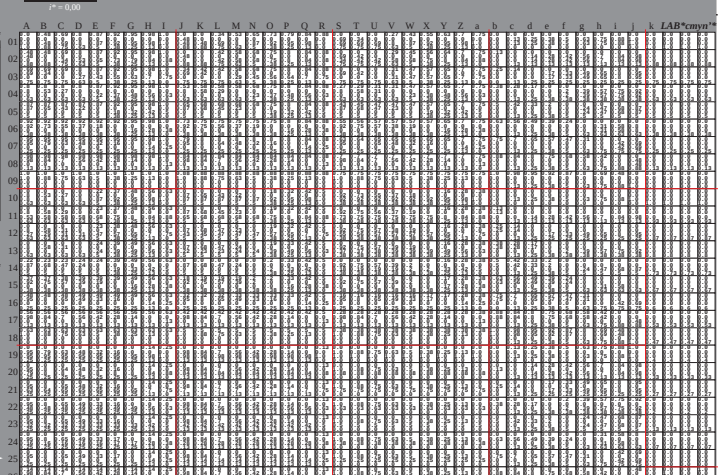
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 75 −3
$LAB^*LCH^*_{Ma}$: 48 75 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.92

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



ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Ma}	47.94	65.31	52.07	83.53	39
Y_{Ma}	90.37	−11.15	96.17	96.82	97
L_{Ma}	50.9	−62.96	36.71	72.89	150
C_{Ma}	58.62	−30.62	−42.74	52.59	234
V_{Ma}	25.72	31.45	−44.35	54.38	305
M_{Ma}	48.13	75.2	−6.79	75.51	355
N_{Ma}	18.01	0.5	−0.46	0.69	317
W_{Ma}	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

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
g00g	86.61	−3.55	88.09	88.17	92
g25g	78.07	−26.64	74.05	78.7	110
g50g	65.83	−42.94	56.44	70.93	127
g75g	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