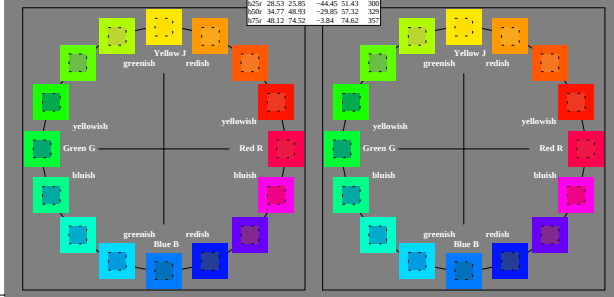
Input and output: Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = 16$ hues *r00j, r25j, ..., b75r*
contrast reduction factor:
$c_R = 1.0$

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
y00j	86.61	−3.55	88.09	88.17	92
y25j	78.07	−26.64	74.05	78.7	110
y50j	65.83	−42.94	56.44	70.93	127
y75j	54.87	−57.53	40.67	70.47	145
g00j	52.54	−55.91	17.93	58.72	162
g25j	55.02	−45.5	−7.69	46.16	190
g50j	56.98	−37.23	−28.04	46.62	217
g75j	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

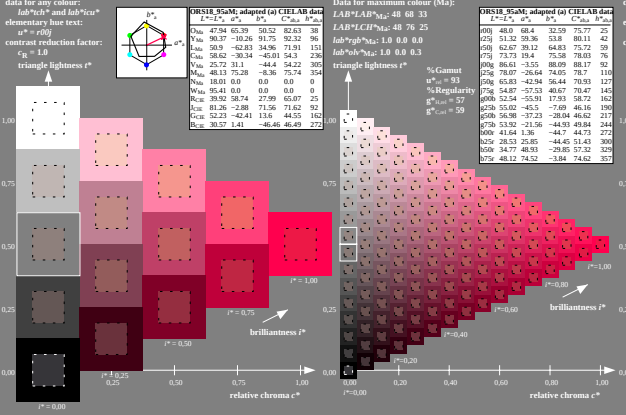
O_{Mu}	47.94	65.39	50.52	82.63	38
Y_{Mu}	90.37	−10.26	91.75	92.32	96
L_{Mu}	50.9	−62.83	34.96	71.91	151
C_{Mu}	58.62	−30.34	−45.01	54.3	236
V_{Mu}	25.72	31.1	−44.4	54.22	305
M_{Mu}	48.13	75.28	−8.36	75.74	354
N_{Mu}	18.01	0.0	0.0	0.0	0
W_{Mu}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	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^*

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

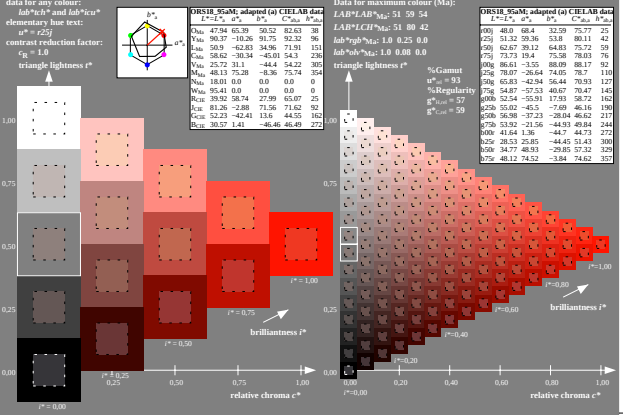
%Gamut $u^*_{out} = 93$
%Regularity $g^*_{Out} = 57$
$g^*_{Cut} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ $u^* = r25j$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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

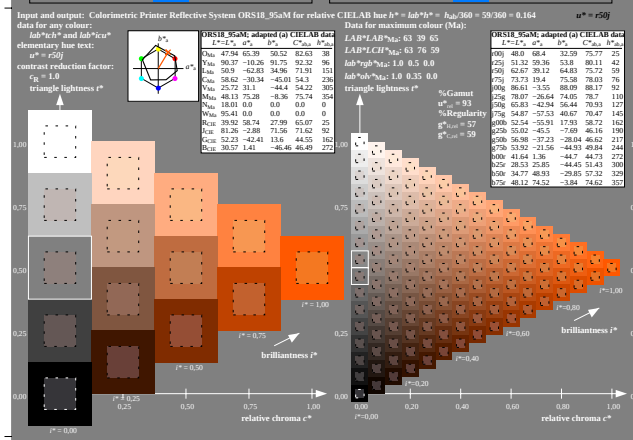
%Gamut $u^*_{out} = 93$
%Regularity $g^*_{Out} = 57$
$g^*_{Cut} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ $u^* = r50j$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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

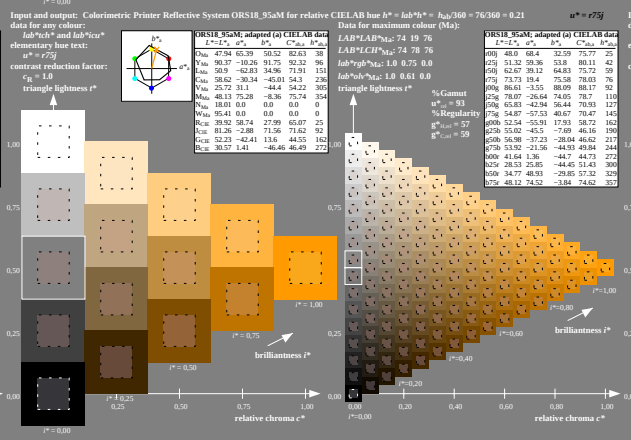
%Gamut $u^*_{out} = 93$
%Regularity $g^*_{Out} = 57$
$g^*_{Cut} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ $u^* = r75j$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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

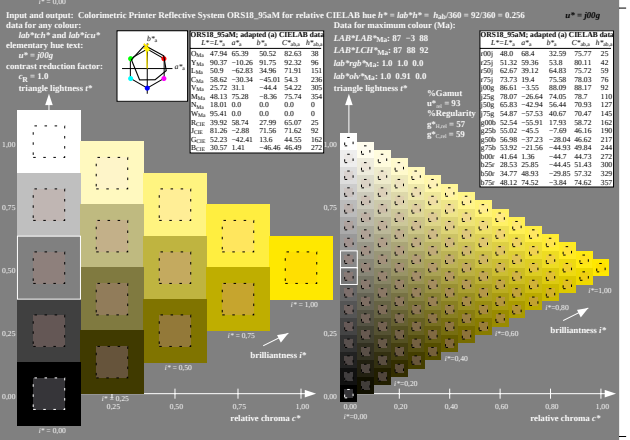
%Gamut $u^*_{out} = 93$
%Regularity $g^*_{Out} = 57$
$g^*_{Cut} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ $u^* = y00g$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = y00g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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

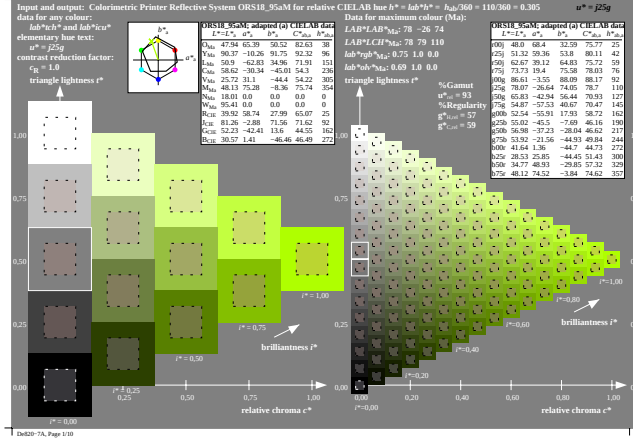
%Gamut $u^*_{out} = 93$
%Regularity $g^*_{Out} = 57$
$g^*_{Cut} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ $u^* = y25g$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = y25g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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

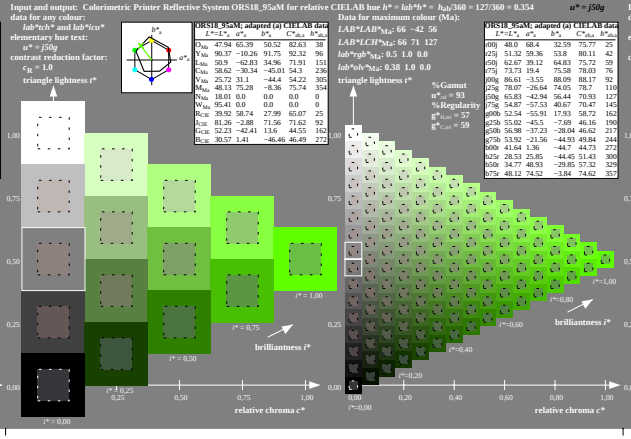
%Gamut $u^*_{out} = 93$
%Regularity $g^*_{Out} = 57$
$g^*_{Cut} = 59$



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ $u^* = y50g$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = y50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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

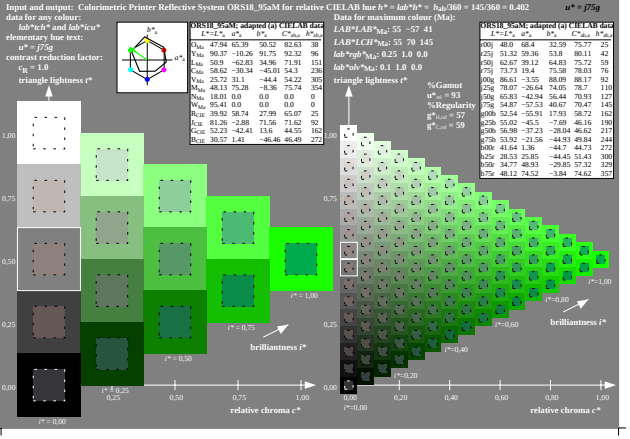
%Gamut $u^*_{out} = 93$
%Regularity $g^*_{Out} = 57$
$g^*_{Cut} = 59$



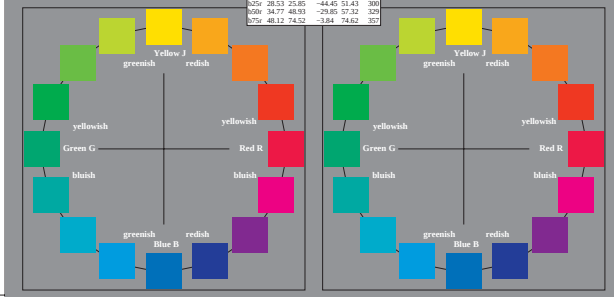
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ $u^* = y75g$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = y75g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

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

%Gamut $u^*_{out} = 93$
%Regularity $g^*_{Out} = 57$
$g^*_{Cut} = 59$



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

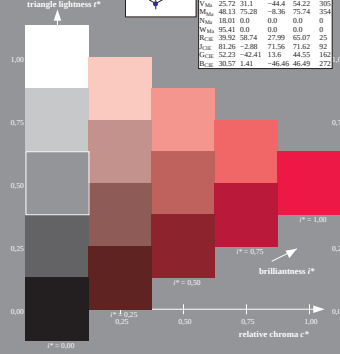
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
y00j	86.61	−3.55	88.09	88.17	92
y25j	78.07	−26.64	74.05	78.7	110
y50j	65.83	−42.94	56.44	70.93	127
y75j	54.87	−57.53	40.67	70.47	145
g00j	52.54	−55.91	17.93	58.72	162
g25j	55.02	−45.5	−7.69	46.16	190
g50j	56.98	−37.23	−28.04	46.62	217
g75j	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

ORS18_95aM; adapted (a) CIELAB data

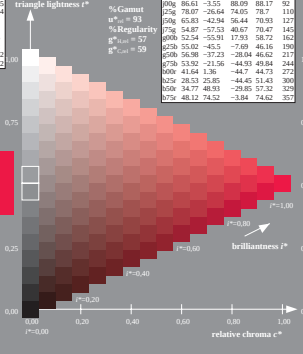
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mu}	47.94	65.39	50.52	82.63	38
Y_{Mu}	90.37	−10.26	91.75	92.32	96
L_{Mu}	50.9	−62.83	34.96	71.91	151
C_{Mu}	58.62	−30.34	−45.01	54.3	236
V_{Mu}	25.72	31.1	−44.4	54.22	305
M_{Mu}	48.13	75.28	−8.36	75.74	354
N_{Mu}	18.01	0.0	0.0	0.0	0
W_{Mu}	95.41	0.0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

%Gamut $u^*_{out} = 93$
%Regularity $g^*_{Lcut} = 57$
$g^*_{Ccut} = 59$

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^*



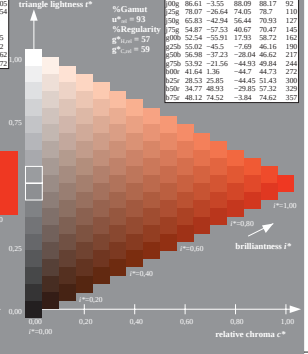
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 68 33
$LAB^*LCH^*_{Ma}$: 48 76 25
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
$lab^*ob^*_{Ma}$: 1.0 0.0 0.3



ORS18_95aM; adapted (a) CIELAB data

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

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ $u^* = r25j$
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = r25j$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

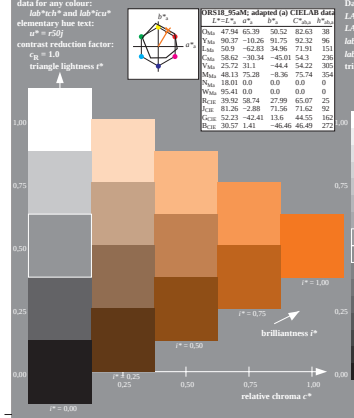


Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 51 59 54
$LAB^*LCH^*_{Ma}$: 51 80 42
$lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
$lab^*ob^*_{Ma}$: 1.0 0.08 0.0

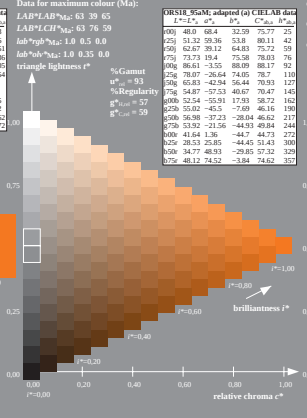
ORS18_95aM; adapted (a) CIELAB data

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

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ $u^* = r50j$
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = r50j$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*



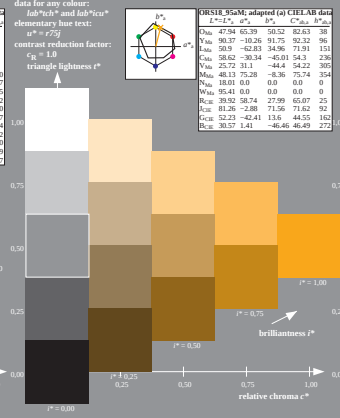
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 63 39 65
$LAB^*LCH^*_{Ma}$: 63 76 59
$lab^*rgb^*_{Ma}$: 1.0 0.35 0.0
$lab^*ob^*_{Ma}$: 1.0 0.35 0.0



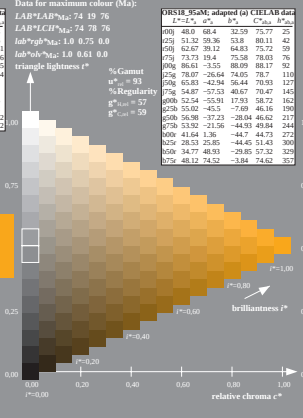
ORS18_95aM; adapted (a) CIELAB data

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

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ $u^* = r75j$
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = r75j$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*



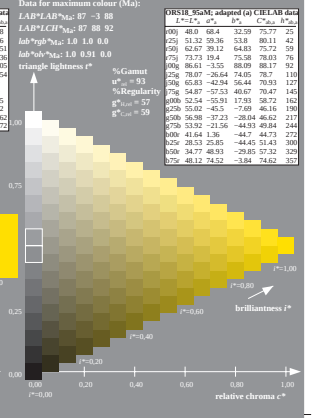
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 74 19 76
$LAB^*LCH^*_{Ma}$: 74 78 76
$lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
$lab^*ob^*_{Ma}$: 1.0 0.61 0.0



ORS18_95aM; adapted (a) CIELAB data

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

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ $u^* = j00g$
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = j00g$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

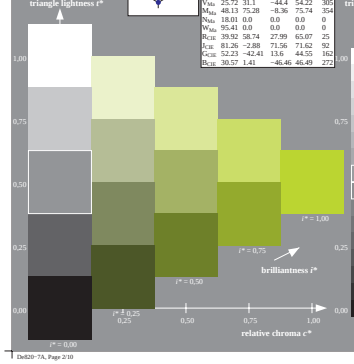


Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 87 −3 68
$LAB^*LCH^*_{Ma}$: 87 88 92
$lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
$lab^*ob^*_{Ma}$: 1.0 0.91 0.0

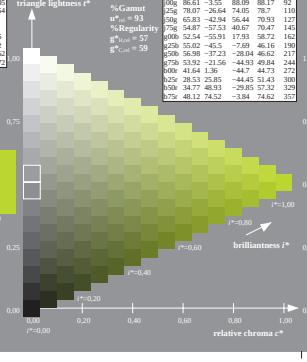
ORS18_95aM; adapted (a) CIELAB data

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

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ $u^* = j25g$
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = j25g$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*



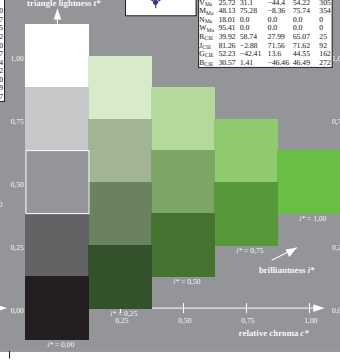
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 78 −26 74
$LAB^*LCH^*_{Ma}$: 78 79 110
$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
$lab^*ob^*_{Ma}$: 0.69 1.0 0.0



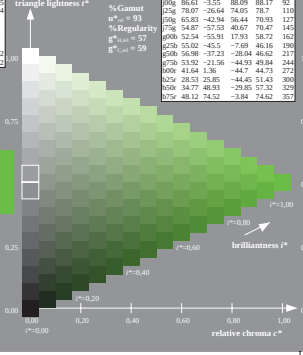
ORS18_95aM; adapted (a) CIELAB data

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

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ $u^* = j50g$
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = j50g$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*



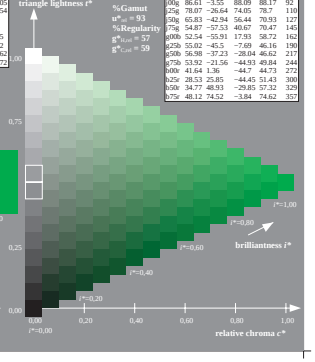
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 66 −42 56
$LAB^*LCH^*_{Ma}$: 66 71 127
$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
$lab^*ob^*_{Ma}$: 0.38 1.0 0.0



ORS18_95aM; adapted (a) CIELAB data

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

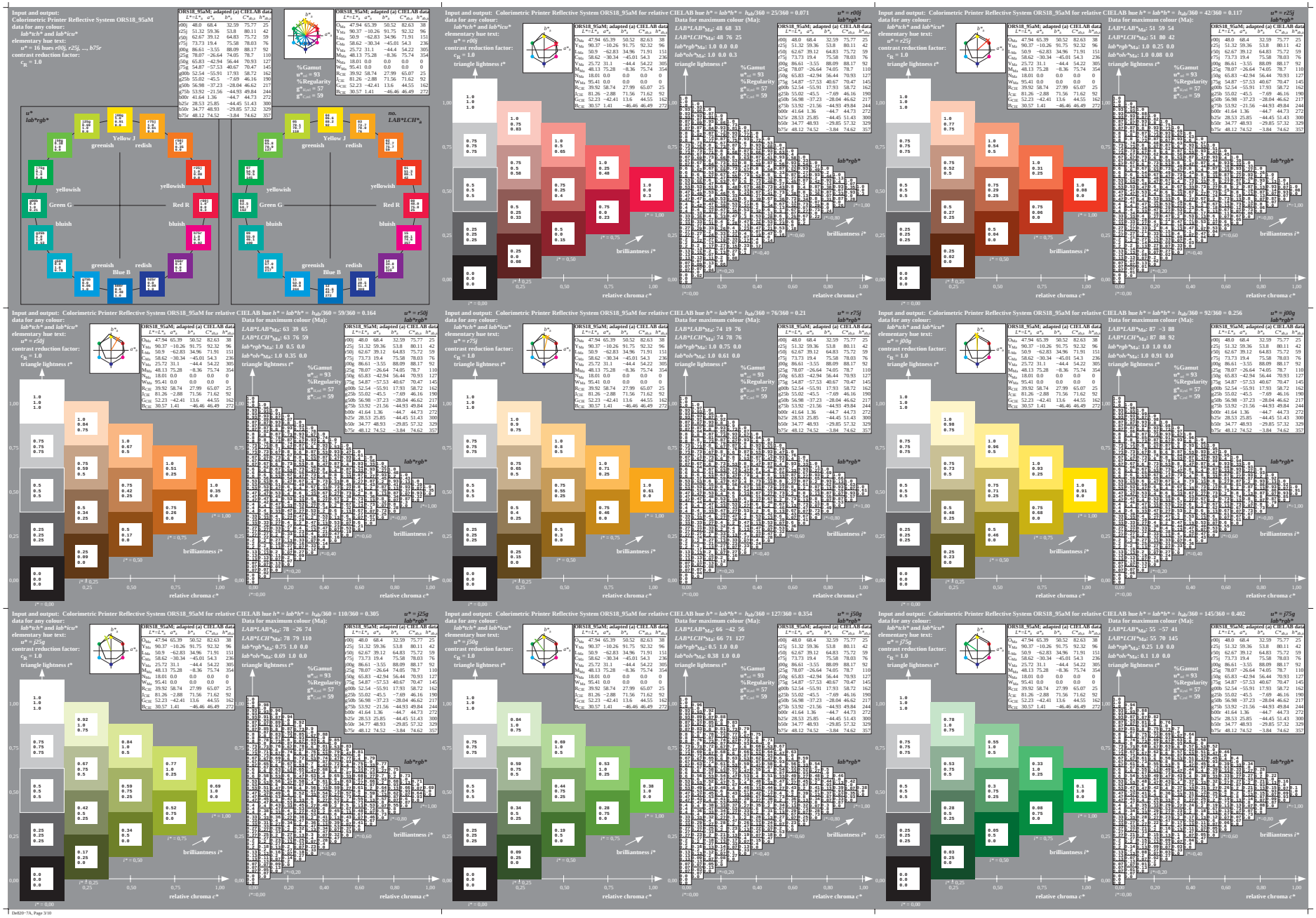
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ $u^* = j75g$
data for any colour: lab^*tch^* and lab^*icu^*
elementary hue text: $u^* = j75g$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*



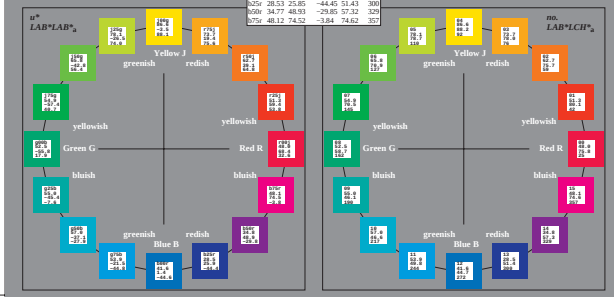
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 −57 41
$LAB^*LCH^*_{Ma}$: 55 70 145
$lab^*rgb^*_{Ma}$: 0.25 1.0 0.0
$lab^*ob^*_{Ma}$: 0.1 1.0 0.0

ORS18_95aM; adapted (a) CIELAB data

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


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:
cR = 1.0
ORS18_95aM; adapted (a) CIELAB data
%Gamut
u*ₘₐₓ = 93
%Regularity
g*ₘₐₓ = 57
g*ₛₜₐₜ = 59
u* lab*rgb*
no. LAB*LCH*a
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
Blue B
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 25/360 = 0.071
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*oh*Ma: 1.0 0.0 0.3
u* = r00j
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 42/360 = 0.117
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*oh*Ma: 1.0 0.08 0.0
u* = r25j
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 59/360 = 0.164
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*oh*Ma: 1.0 0.35 0.0
u* = r50j
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 76/360 = 0.21
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*oh*Ma: 1.0 0.61 0.0
u* = r75j
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 92/360 = 0.256
Data for maximum colour (Ma):
LAB*LAB*Ma: 87 -3 68
LAB*LCH*Ma: 87 88 92
lab*rgb*Ma: 1.0 1.0 0.0
lab*oh*Ma: 1.0 0.91 0.0
u* = j00g
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 110/360 = 0.305
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*oh*Ma: 0.69 1.0 0.0
u* = j25g
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 127/360 = 0.354
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*oh*Ma: 0.38 1.0 0.0
u* = j50g
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 145/360 = 0.402
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*oh*Ma: 0.1 1.0 0.0
u* = j75g
relative chroma c*
brilliantness i*
lab*rgb*

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:
$c_R = 1.0$



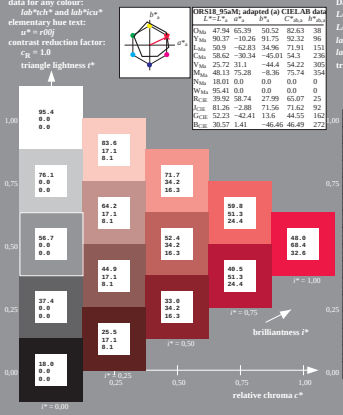
ORS18_95aM; adapted (a) CIELAB data

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

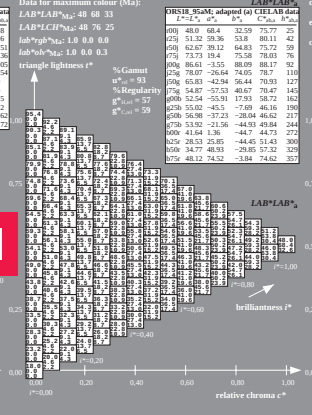
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
r00y	86.61	−3.55	88.09	88.17	92
r25y	78.07	−26.64	74.05	78.7	110
r50y	65.83	−42.94	56.44	70.93	127
r75y	54.87	−57.53	40.67	70.47	145
g00y	52.54	−55.91	17.93	58.72	162
g25y	55.02	−45.5	−7.69	46.16	190
g50y	56.98	−37.23	−28.04	46.62	217
g75y	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
$u^*_{out} = 93$
% Regularity
$g^*_{Hue} = 57$
$g^*_{Coul} = 59$

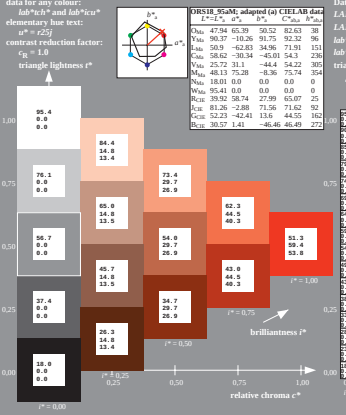
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ $u^* = r00j$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r00j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



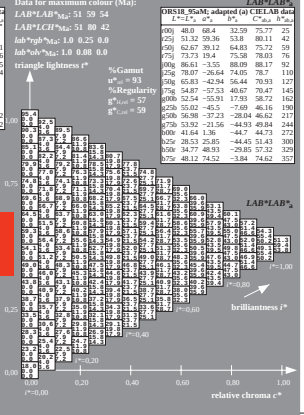
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 48 68 33
*LAB*LCH*Ma*: 48 76 25
*lab*rgb*Ma*: 1.0 0.0 0.0
*lab*ob*Ma*: 1.0 0.0 0.3



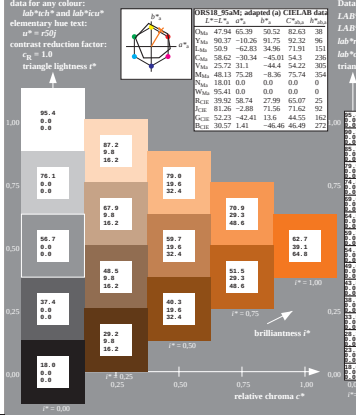
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ $u^* = r25j$
data for any colour:
*lab*tch** and *lab*icu**
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



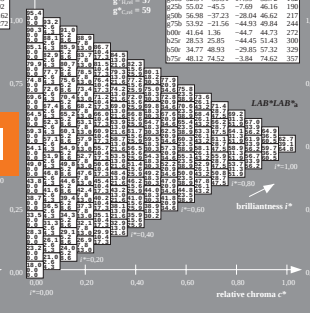
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 51 59 54
*LAB*LCH*Ma*: 51 80 42
*lab*rgb*Ma*: 1.0 0.25 0.0
*lab*ob*Ma*: 1.0 0.08 0.0



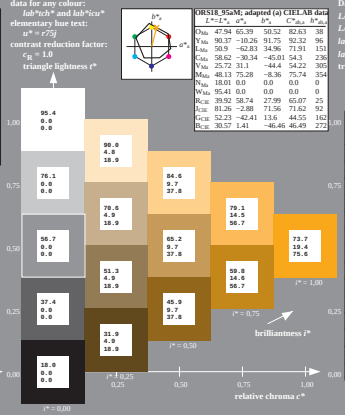
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ $u^* = r50j$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



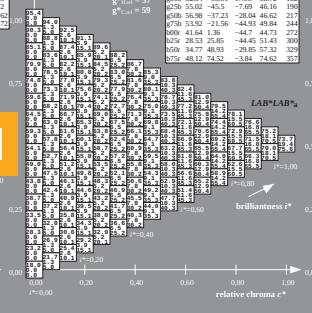
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 63 39 65
*LAB*LCH*Ma*: 63 76 59
*lab*rgb*Ma*: 1.0 0.5 0.0
*lab*ob*Ma*: 1.0 0.35 0.0



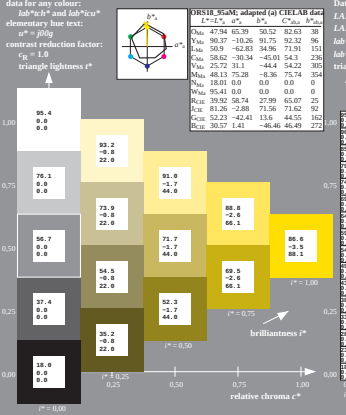
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ $u^* = r75j$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



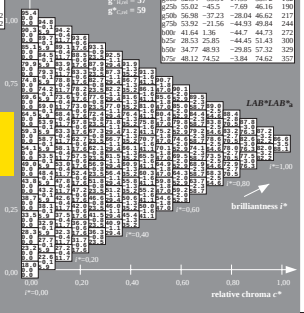
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 74 19 76
*LAB*LCH*Ma*: 74 78 76
*lab*rgb*Ma*: 1.0 0.75 0.0
*lab*ob*Ma*: 1.0 0.61 0.0



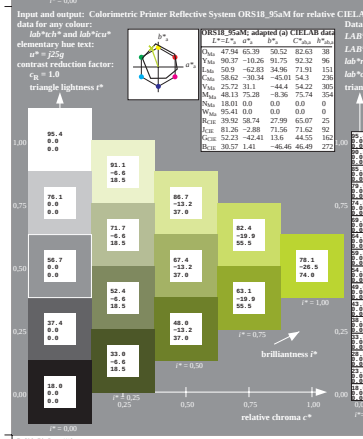
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ $u^* = j00g$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j00g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



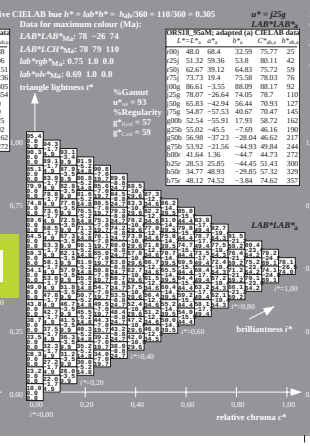
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 87 −3 88
*LAB*LCH*Ma*: 87 88 92
*lab*rgb*Ma*: 1.0 1.0 0.0
*lab*ob*Ma*: 1.0 0.91 0.0



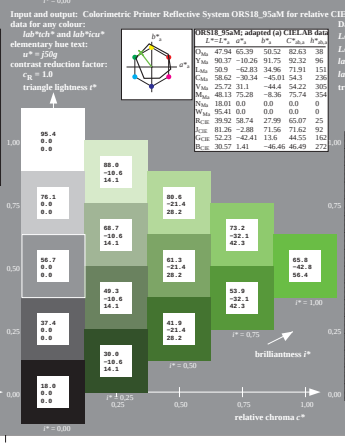
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ $u^* = j25g$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



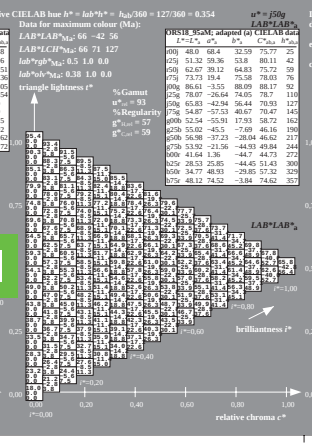
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 78 −26 74
*LAB*LCH*Ma*: 78 79 110
*lab*rgb*Ma*: 0.75 1.0 0.0
*lab*ob*Ma*: 0.69 1.0 0.0



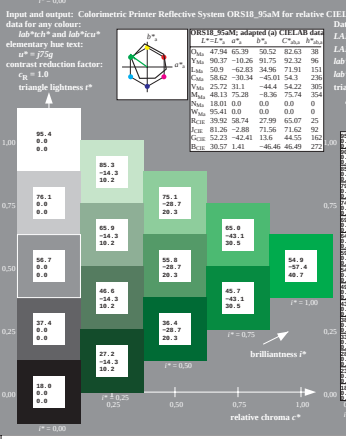
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ $u^* = j50g$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



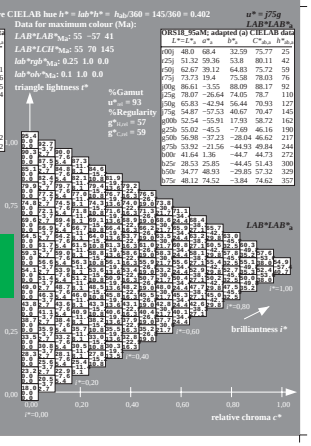
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 66 −42 56
*LAB*LCH*Ma*: 66 71 127
*lab*rgb*Ma*: 0.5 1.0 0.0
*lab*ob*Ma*: 0.38 1.0 0.0

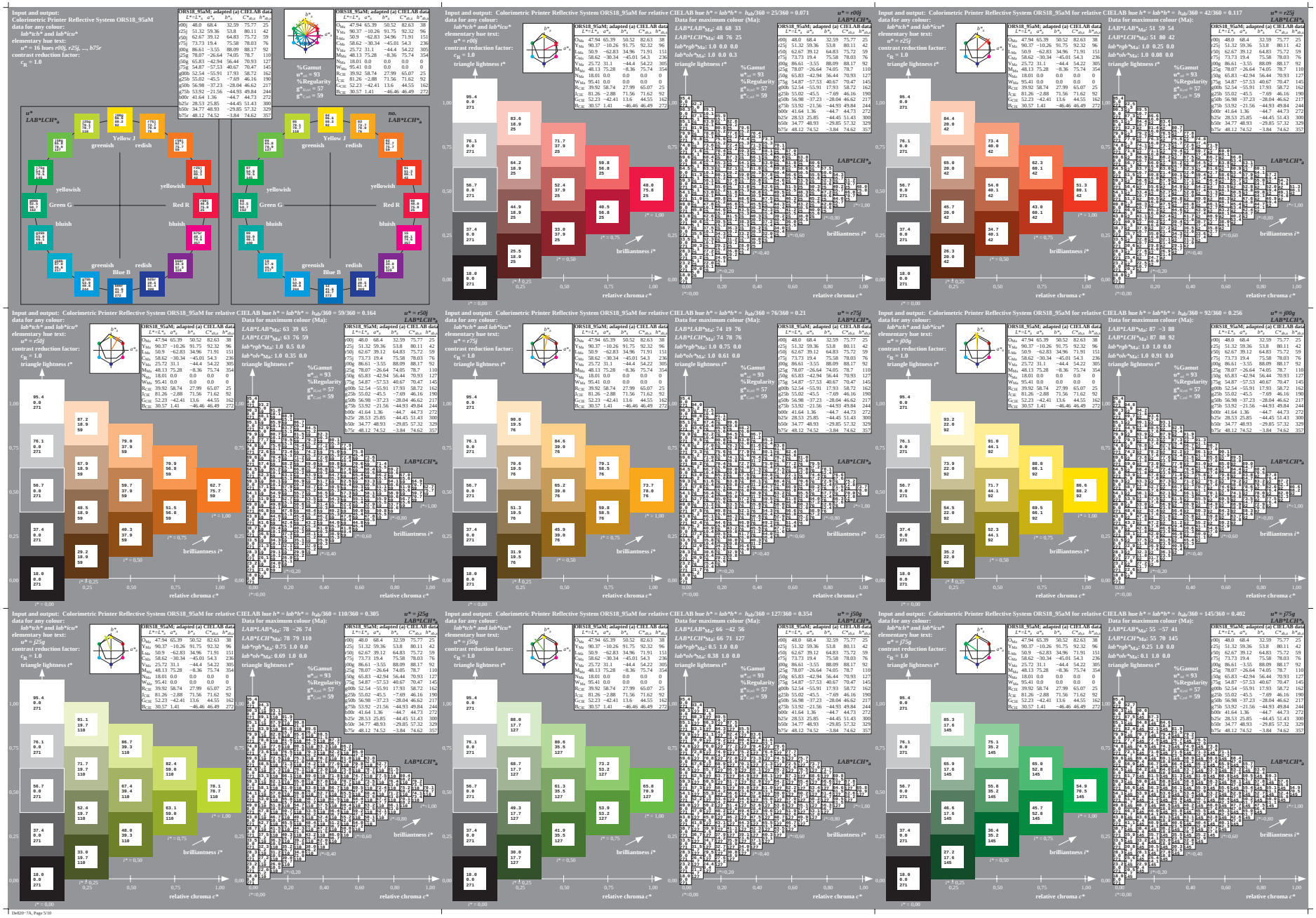


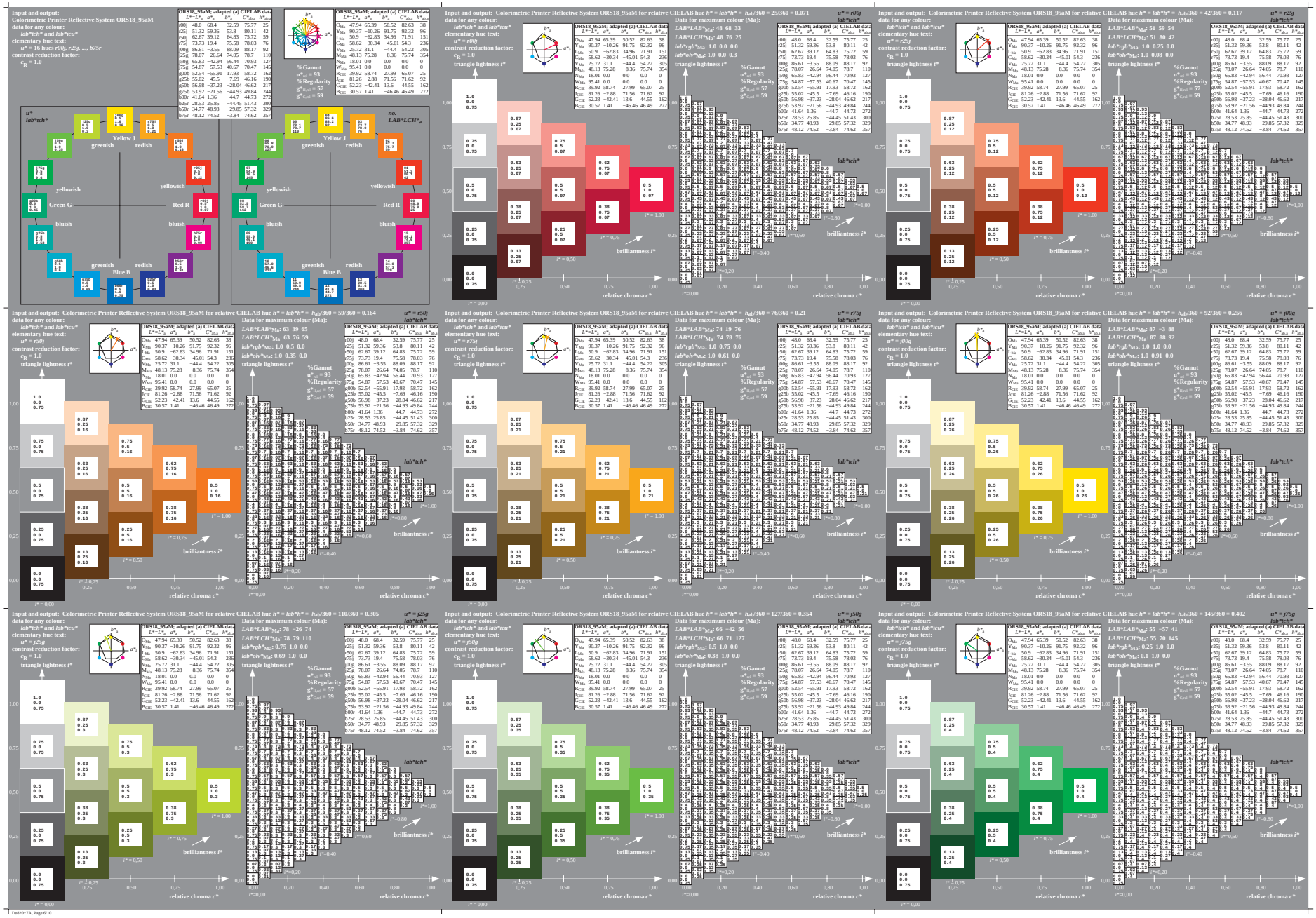
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ $u^* = j75g$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

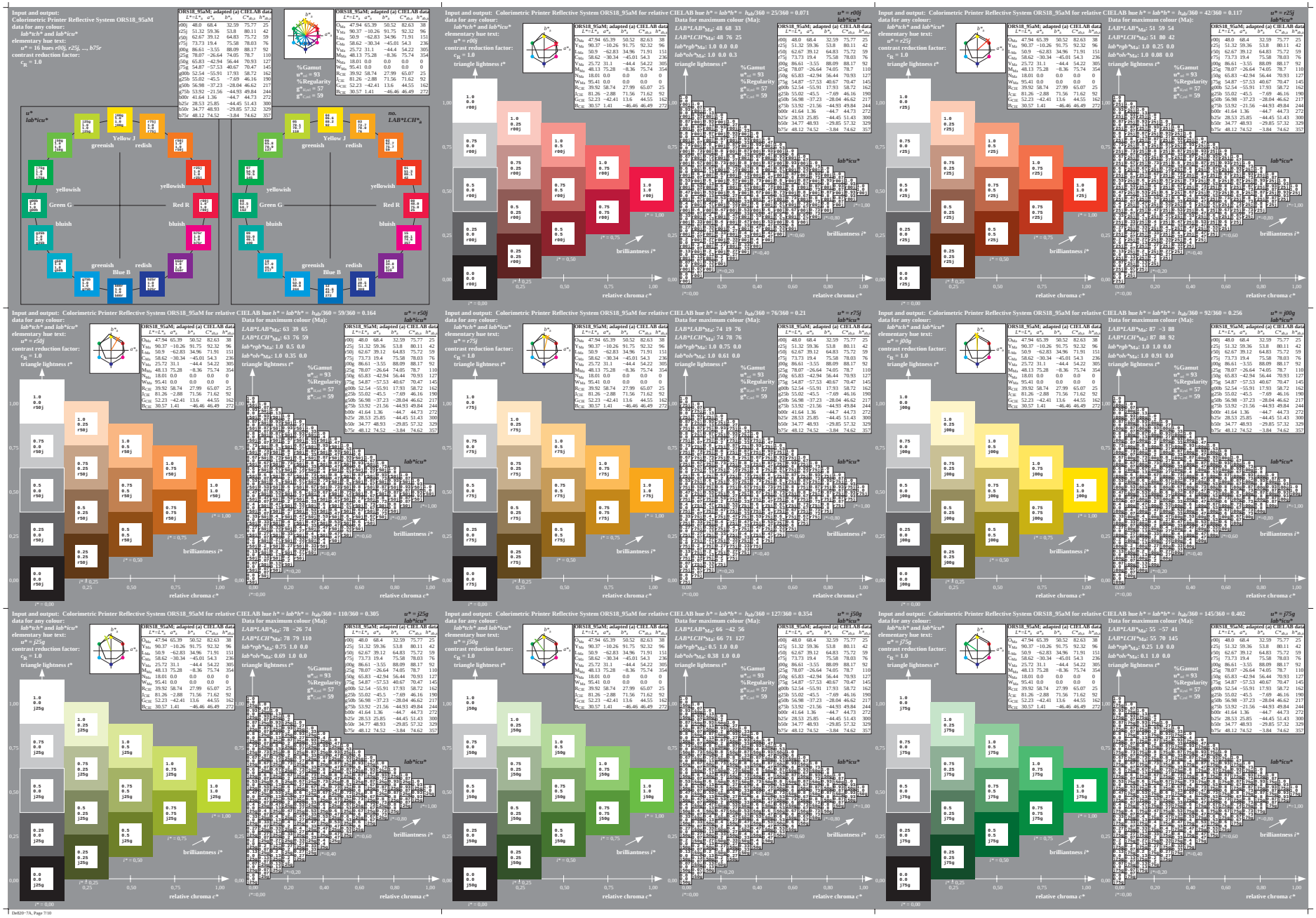


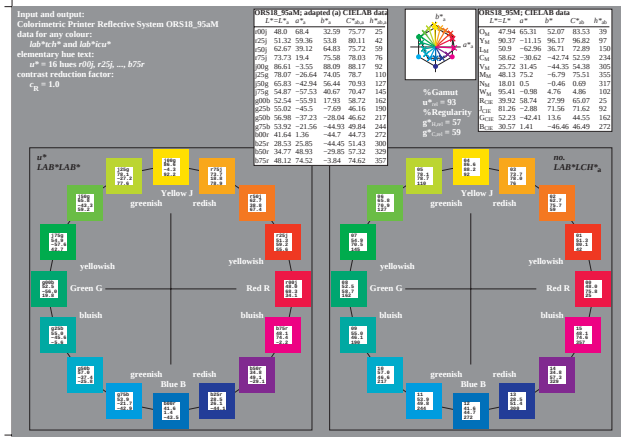
Data for maximum colour (Ma):
*LAB*LAB*Ma*: 55 −57 41
*LAB*LCH*Ma*: 55 70 145
*lab*rgb*Ma*: 0.25 1.0 0.0
*lab*ob*Ma*: 0.1 1.0 0.0




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 59/360 = 0.164
u* = r50j
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = r50j
contrast reduction factor:
cR = 1.0
triangle lightness i*
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*ob*Ma: 1.0 0.35 0.0
ORS18_95aM; adapted (a) CIELAB data
%Gamut
u*out = 93
%Regularity
g*out = 57
g*Cout = 59
LAB*LCH*a
brilliantness i*
relative chroma c*


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 25/360 = 0.071
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 42/360 = 0.117
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 59/360 = 0.164
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 76/360 = 0.21
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 92/360 = 0.256
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 110/360 = 0.305
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 127/360 = 0.354
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 145/360 = 0.402
relative chroma c*
brilliantness i*
lab*h*h*
Yellow J
greenish
redish
yellowish
Red R
bluish
Green G
Blue B


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 25/360 = 0.071
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 42/360 = 0.117
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 59/360 = 0.164
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 76/360 = 0.21
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 92/360 = 0.256
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 110/360 = 0.305
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 127/360 = 0.354
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 145/360 = 0.402
relative chroma c*
brilliantness i*
lab*icu*



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

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

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

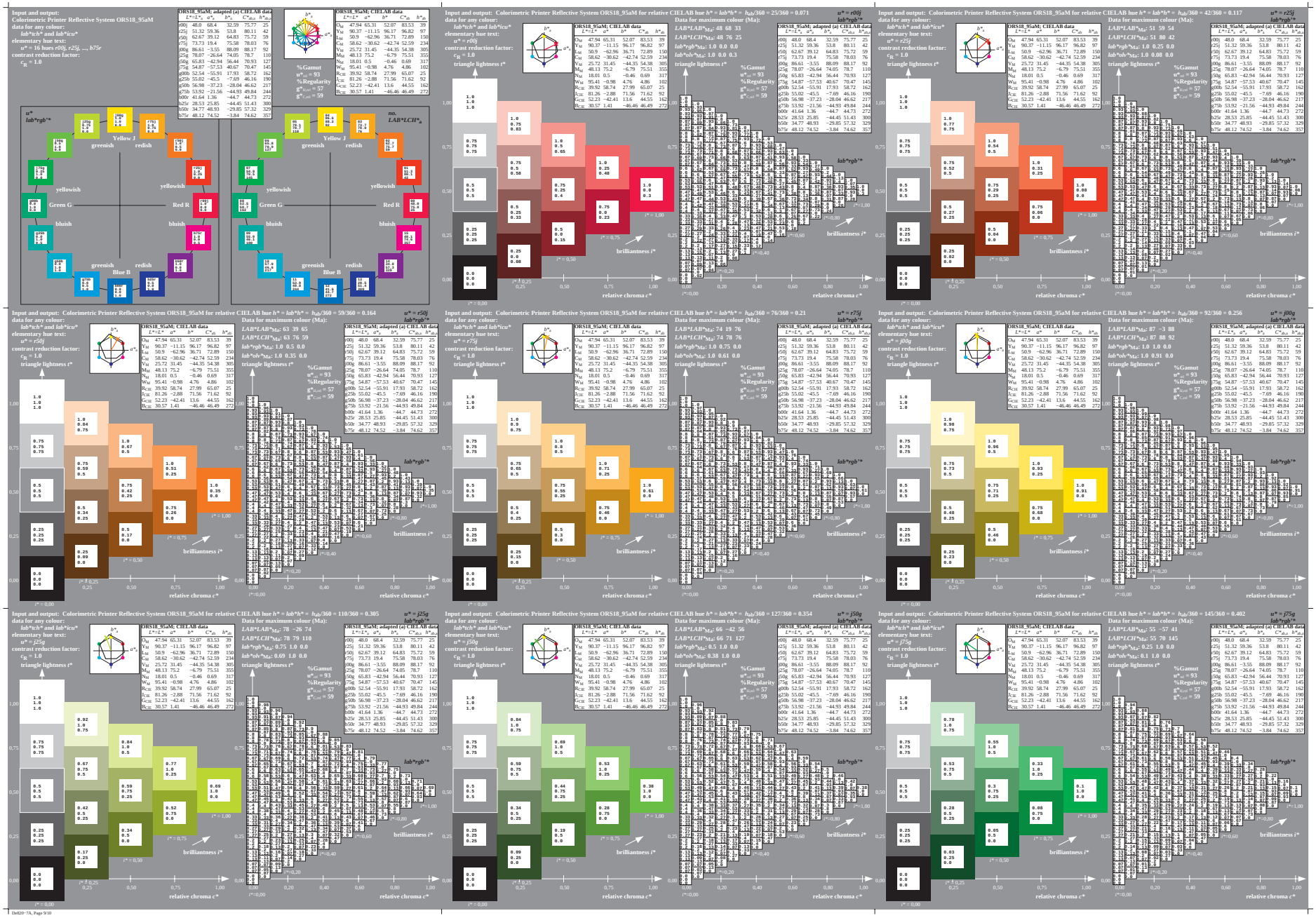
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

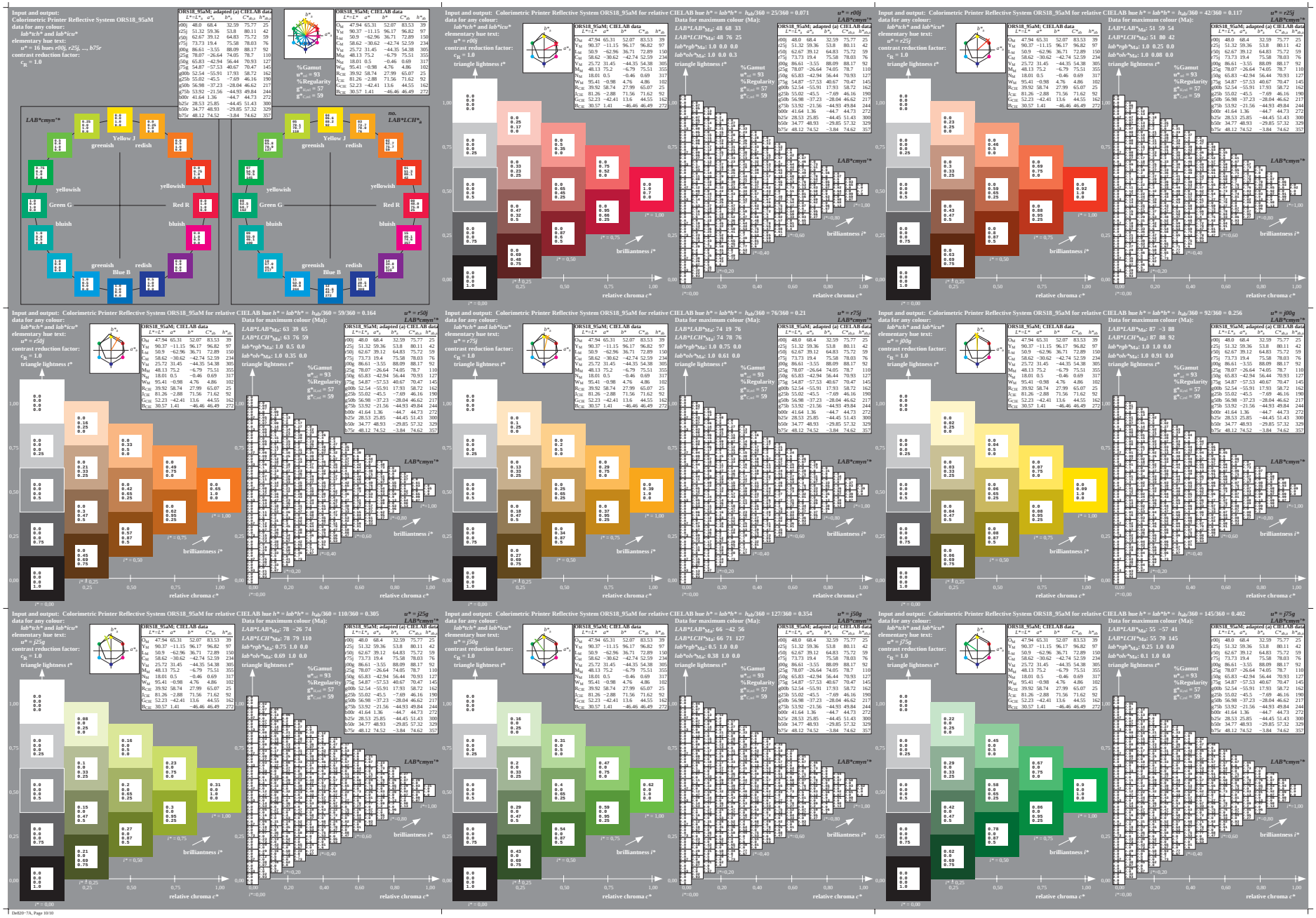
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

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

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

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


Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
lab*tch* and lab*icu*
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
c_R = 1.0
ORS18_95aM; adapted (a) CIELAB data
%Gamut
u*_u = 93
%Regularity
g*_H,u1 = 57
g*_C,u1 = 59
u*
lab*rgb'*
no.
LAB*LCH*_a
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
Blue B
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 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*ob*_Ma: 1.0 0.0 0.3
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 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*ob*_Ma: 1.0 0.08 0.0
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 maximum colour (Ma):
LAB*LAB*_Ma: 63 39 65
LAB*LCH*_Ma: 63 76 59
lab*rgb*_Ma: 1.0 0.35 0.0
lab*ob*_Ma: 1.0 0.35 0.0
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 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*ob*_Ma: 1.0 0.61 0.0
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 maximum colour (Ma):
LAB*LAB*_Ma: 87 -3 68
LAB*LCH*_Ma: 87 88 92
lab*rgb*_Ma: 1.0 1.0 0.0
lab*ob*_Ma: 1.0 0.91 0.0
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 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*ob*_Ma: 0.69 1.0 0.0
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 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*ob*_Ma: 0.38 1.0 0.0
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 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*ob*_Ma: 0.1 1.0 0.0
relative chroma c*
brilliantness i*


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 25/360 = 0.071
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 42/360 = 0.117
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 59/360 = 0.164
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 76/360 = 0.21
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 92/360 = 0.256
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 110/360 = 0.305
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 127/360 = 0.354
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hab/360 = 145/360 = 0.402
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
contrast reduction factor:
triangle lightness i*
Data for maximum colour (Ma):
ORS18_95aM; CIELAB data
ORS18_95aM; adapted (a) CIELAB data
%Gamut
%Regularity
LAB*cmyn'*
brilliantness i*
relative chroma c*
LAB*cmyn'*
yellowish
Yellow J
greenish
redish
Green G
Red R
bluish
Blue B
no. LAB*LCH*a