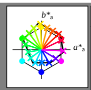
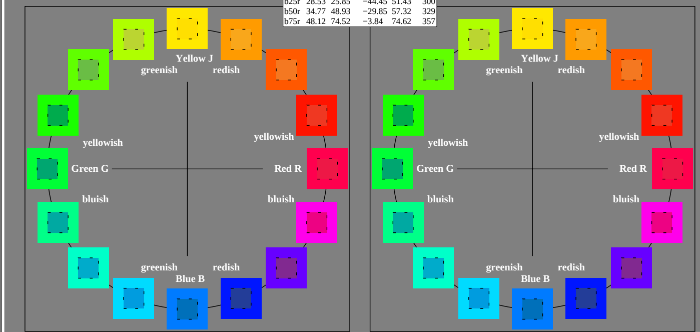
Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
u = 16 hues r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 1.0

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

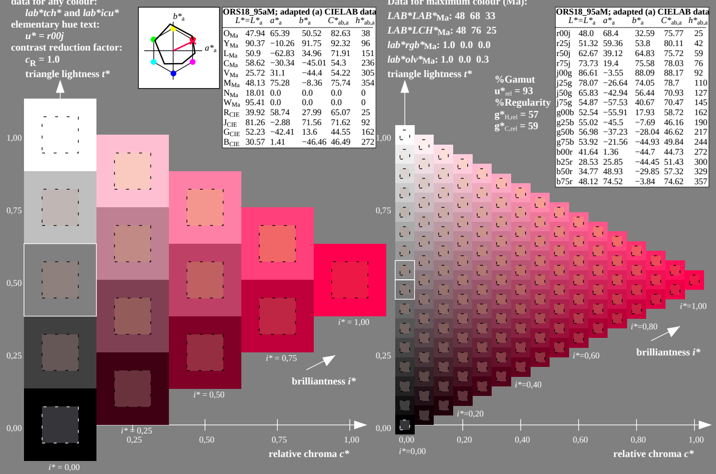


%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

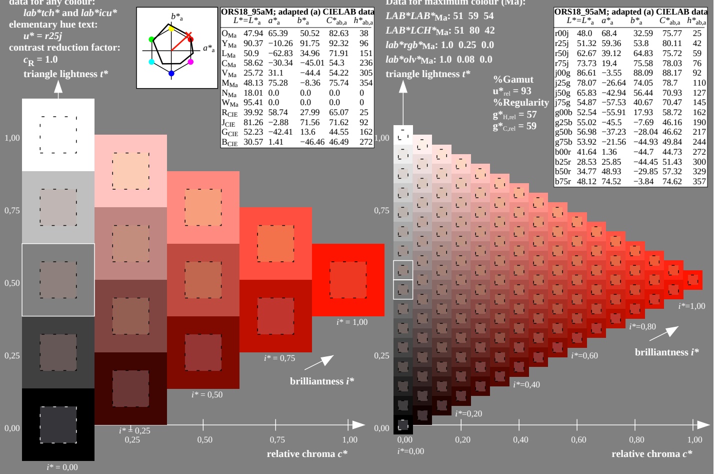
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}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



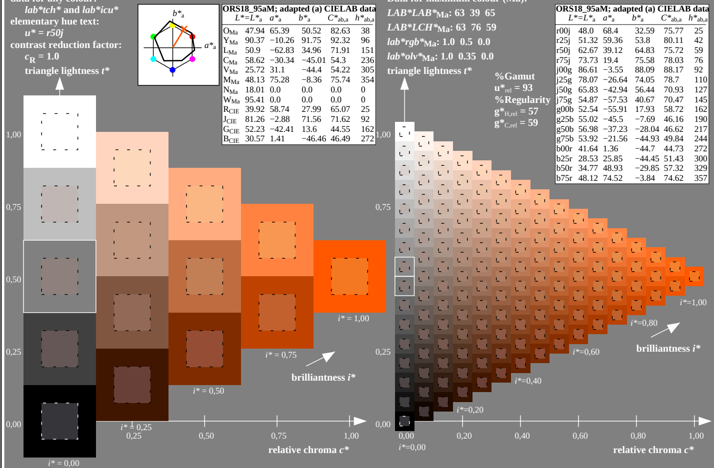
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ — *u* = r00j*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r00j*
contrast reduction factor: c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 68 33
$LAB^*LCH^*_{Ma}$: 48 76 25
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
$lab^*olv^*_{Ma}$: 1.0 0.0 0.3
triangle lightness t^*
%Gamut u^*_{rel} = 93; %Regularity $g^*_{H,rel}$ = 57; $g^*_{C,rel}$ = 59



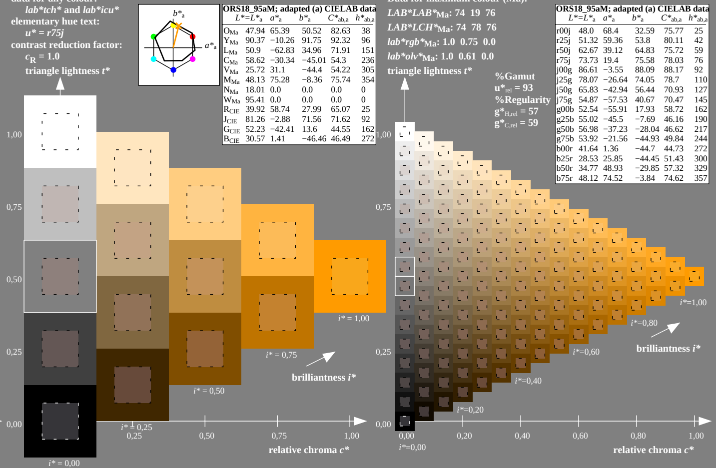
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ — *u* = r25j*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r25j*
contrast reduction factor: c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 51 59 54
$LAB^*LCH^*_{Ma}$: 51 80 42
$lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
$lab^*olv^*_{Ma}$: 1.0 0.08 0.0
triangle lightness t^*
%Gamut u^*_{rel} = 93; %Regularity $g^*_{H,rel}$ = 57; $g^*_{C,rel}$ = 59



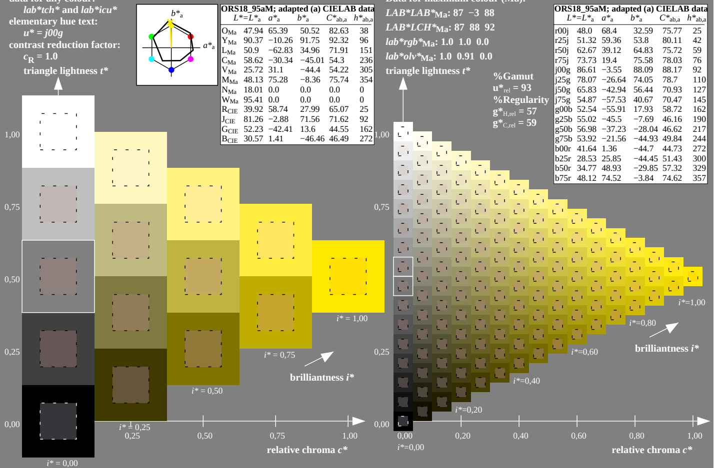
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ — *u* = r50j*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r50j*
contrast reduction factor: c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 63 39 65
$LAB^*LCH^*_{Ma}$: 63 76 59
$lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
$lab^*olv^*_{Ma}$: 1.0 0.35 0.0
triangle lightness t^*
%Gamut u^*_{rel} = 93; %Regularity $g^*_{H,rel}$ = 57; $g^*_{C,rel}$ = 59



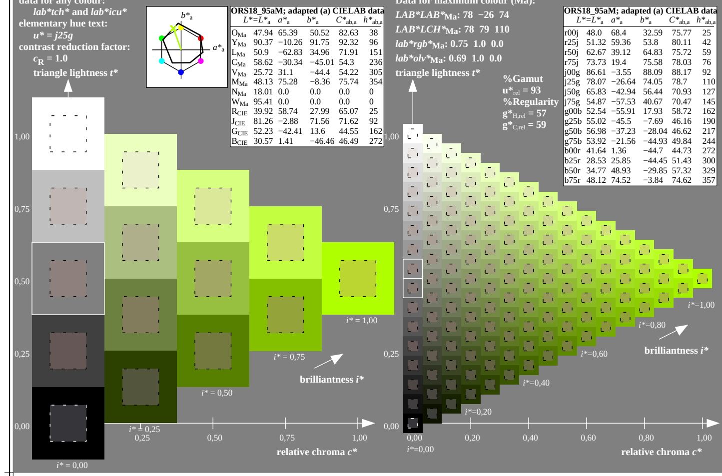
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ — *u* = r75j*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r75j*
contrast reduction factor: c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 74 19 76
$LAB^*LCH^*_{Ma}$: 74 78 76
$lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
$lab^*olv^*_{Ma}$: 1.0 0.61 0.0
triangle lightness t^*
%Gamut u^*_{rel} = 93; %Regularity $g^*_{H,rel}$ = 57; $g^*_{C,rel}$ = 59



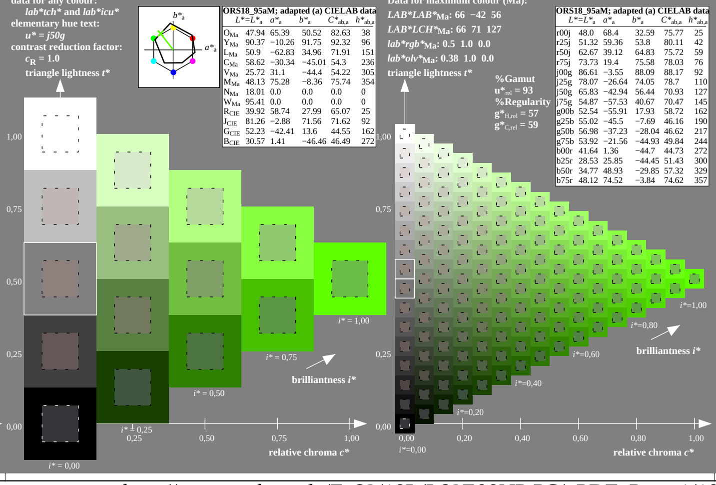
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ — *u* = j00g*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = j00g*
contrast reduction factor: c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 87 −3 88
$LAB^*LCH^*_{Ma}$: 87 88 92
$lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
$lab^*olv^*_{Ma}$: 1.0 0.91 0.0
triangle lightness t^*
%Gamut u^*_{rel} = 93; %Regularity $g^*_{H,rel}$ = 57; $g^*_{C,rel}$ = 59



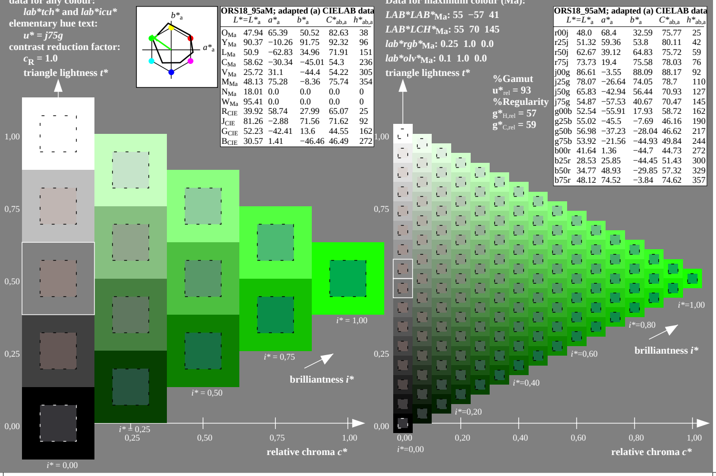
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ — *u* = j25g*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = j25g*
contrast reduction factor: c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 78 −26 74
$LAB^*LCH^*_{Ma}$: 78 79 110
$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
$lab^*olv^*_{Ma}$: 0.69 1.0 0.0
triangle lightness t^*
%Gamut u^*_{rel} = 93; %Regularity $g^*_{H,rel}$ = 57; $g^*_{C,rel}$ = 59



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ — *u* = j50g*
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
$lab^*olv^*_{Ma}$: 0.38 1.0 0.0
triangle lightness t^*
%Gamut u^*_{rel} = 93; %Regularity $g^*_{H,rel}$ = 57; $g^*_{C,rel}$ = 59



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ — *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
$lab^*olv^*_{Ma}$: 0.1 1.0 0.0
triangle lightness t^*
%Gamut u^*_{rel} = 93; %Regularity $g^*_{H,rel}$ = 57; $g^*_{C,rel}$ = 59

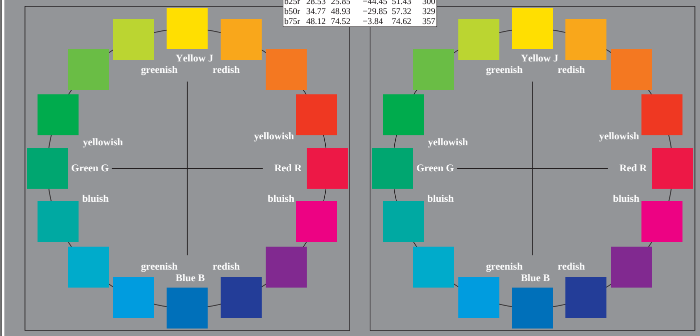


Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
u^* = 16 hues *r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 1.0

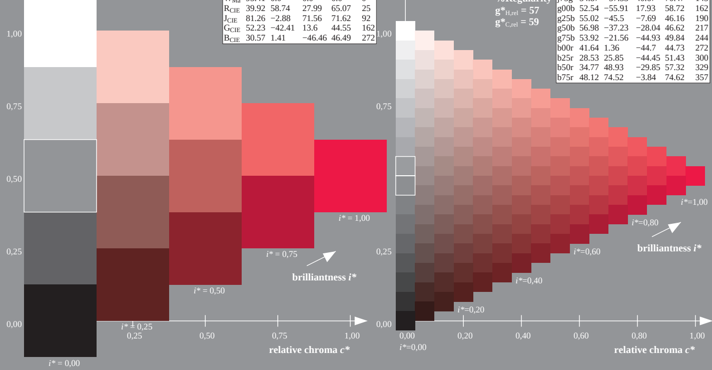
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93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

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

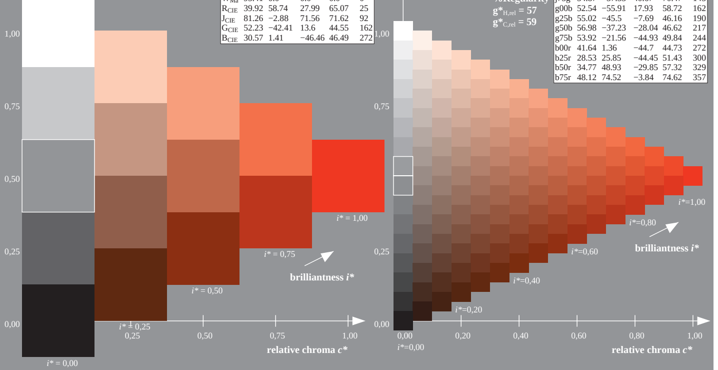
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}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



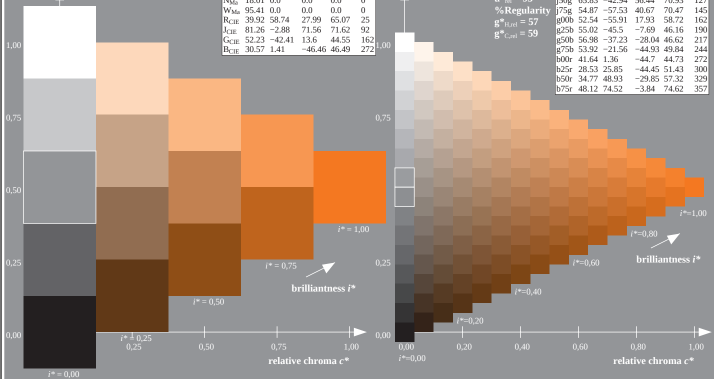
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 25/360 = 0.071 u^* = *r00j*
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: u^* = *r00j*
contrast reduction factor: c_R = 1.0
triangle lightness t^*
Data for maximum colour (Ma):
*LAB*LAB**Ma: 48 68 33
*LAB*LCH**Ma: 48 76 25
*lab*rgb**Ma: 1.0 0.0 0.0
*lab*olv**Ma: 1.0 0.0 0.3
%Gamut u^*_{rel} = 93, %Regularity $g^*_{H,rel}$ = 57, $g^*_{C,rel}$ = 59



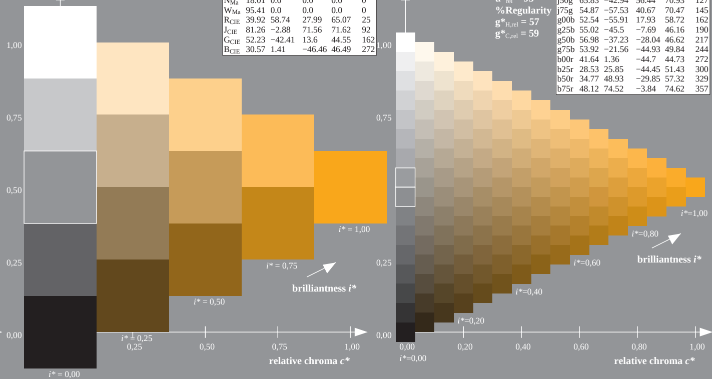
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 42/360 = 0.117 u^* = *r25j*
*LAB*LAB**Ma: 51 59 54
*LAB*LCH**Ma: 51 80 42
*lab*rgb**Ma: 1.0 0.25 0.0
*lab*olv**Ma: 1.0 0.08 0.0



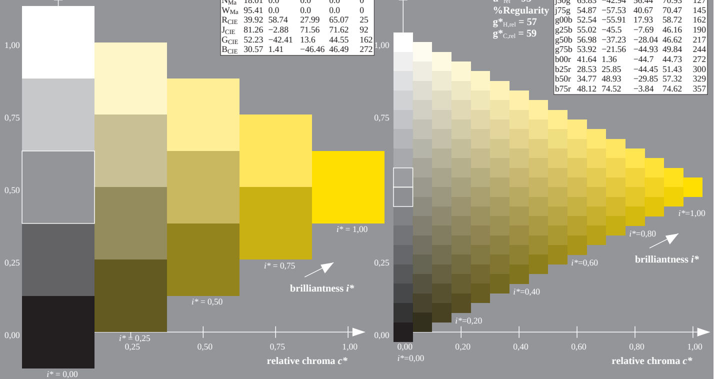
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 59/360 = 0.164 u^* = *r50j*
*LAB*LAB**Ma: 63 39 65
*LAB*LCH**Ma: 63 76 59
*lab*rgb**Ma: 1.0 0.5 0.0
*lab*olv**Ma: 1.0 0.35 0.0



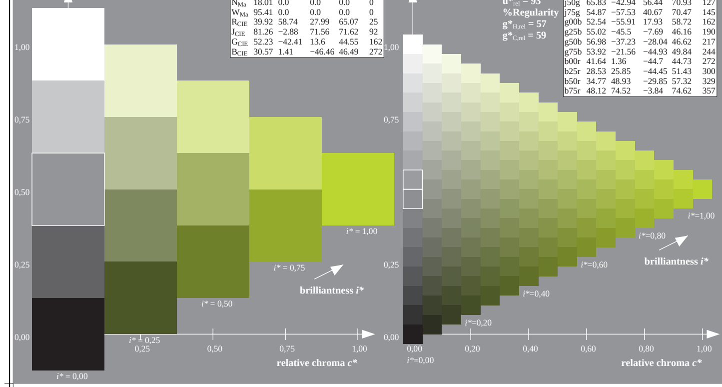
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 76/360 = 0.21 u^* = *r75j*
*LAB*LAB**Ma: 74 19 76
*LAB*LCH**Ma: 74 78 76
*lab*rgb**Ma: 1.0 0.75 0.0
*lab*olv**Ma: 1.0 0.61 0.0



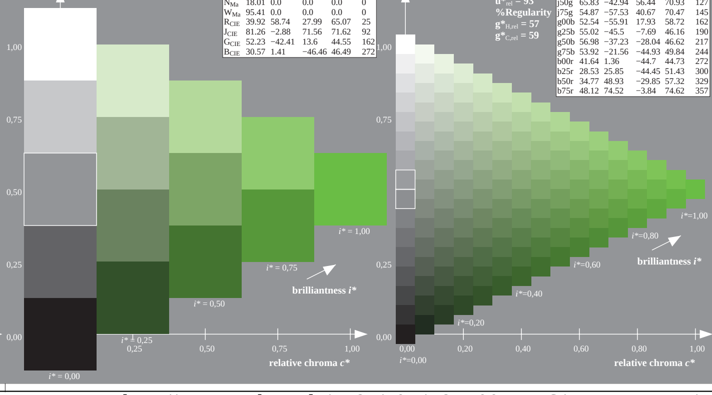
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 92/360 = 0.256 u^* = *j00g*
*LAB*LAB**Ma: 87 −3 88
*LAB*LCH**Ma: 87 88 92
*lab*rgb**Ma: 1.0 1.0 0.0
*lab*olv**Ma: 1.0 0.91 0.0



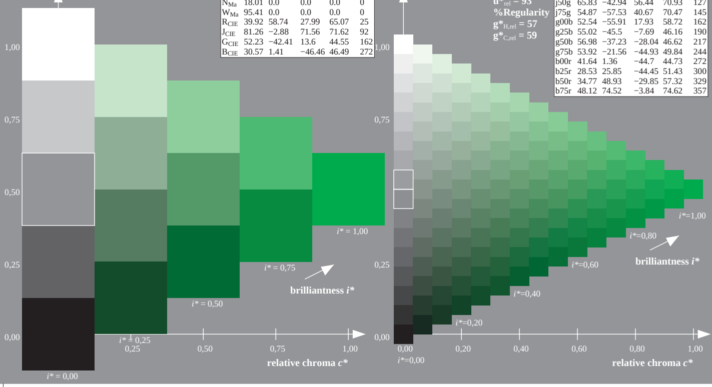
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 110/360 = 0.305 u^* = *j25g*
*LAB*LAB**Ma: 78 −26 74
*LAB*LCH**Ma: 78 79 110
*lab*rgb**Ma: 0.75 1.0 0.0
*lab*olv**Ma: 0.69 1.0 0.0



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 127/360 = 0.354 u^* = *j50g*
*LAB*LAB**Ma: 66 −42 56
*LAB*LCH**Ma: 66 71 127
*lab*rgb**Ma: 0.5 1.0 0.0
*lab*olv**Ma: 0.38 1.0 0.0



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360$ = 145/360 = 0.402 u^* = *j75g*
*LAB*LAB**Ma: 55 −57 41
*LAB*LCH**Ma: 55 70 145
*lab*rgb**Ma: 0.25 1.0 0.0
*lab*olv**Ma: 0.1 1.0 0.0



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

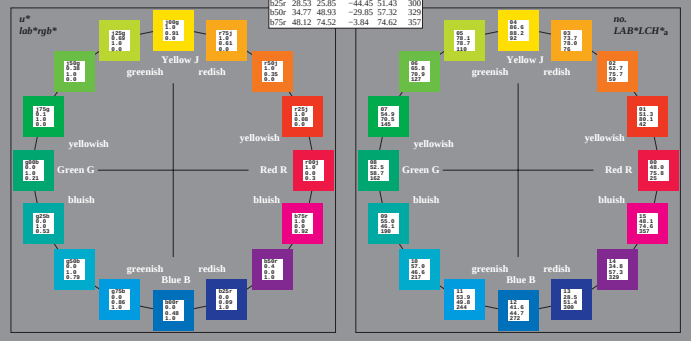
ORS18_95aM; adapted (a) CIELAB data

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

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
J_{CIE}	81.26	−2.88	71.56	71.62	92
C_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut
u^*_{col} = 93
%Regularity
$g^*_{H,col}$ = 57
$g^*_{C,col}$ = 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* lab*rgb**
elementary hue: *u* = r00j*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
*LAB*LAB*$_{Ma}$: 48 68 33
*LAB*LCH*$_{Ma}$: 48 76 25
*lab*rgb*$_{Ma}$: 1.0 0.0 0.0
*lab*olv*$_{Ma}$: 1.0 0.0 0.3
%Gamut u^*_{col} = 93 %Regularity $g^*_{H,col}$ = 57 $g^*_{C,col}$ = 59
brilliantness *i**
relative chroma *c**

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* lab*rgb**
elementary hue: *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*olv*$_{Ma}$: 1.0 0.08 0.0
%Gamut u^*_{col} = 93 %Regularity $g^*_{H,col}$ = 57 $g^*_{C,col}$ = 59
brilliantness *i**
relative chroma *c**

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* lab*rgb**
elementary hue: *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*olv*$_{Ma}$: 1.0 0.35 0.0
%Gamut u^*_{col} = 93 %Regularity $g^*_{H,col}$ = 57 $g^*_{C,col}$ = 59
brilliantness *i**
relative chroma *c**

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* lab*rgb**
elementary hue: *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*olv*$_{Ma}$: 1.0 0.61 0.0
%Gamut u^*_{col} = 93 %Regularity $g^*_{H,col}$ = 57 $g^*_{C,col}$ = 59
brilliantness *i**
relative chroma *c**

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* lab*rgb**
elementary hue: *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*olv*$_{Ma}$: 1.0 0.91 0.0
%Gamut u^*_{col} = 93 %Regularity $g^*_{H,col}$ = 57 $g^*_{C,col}$ = 59
brilliantness *i**
relative chroma *c**

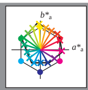
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ *u* = j25g*
data for any colour: *lab*tch** and *lab*icu* lab*rgb**
elementary hue: *u* = j25g*
contrast reduction factor: c_R = 1.0
triangle lightness *t**
Data 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*olv*$_{Ma}$: 0.69 1.0 0.0
%Gamut u^*_{col} = 93 %Regularity $g^*_{H,col}$ = 57 $g^*_{C,col}$ = 59
brilliantness *i**
relative chroma *c**

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* lab*rgb**
elementary hue: *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*olv*$_{Ma}$: 0.38 1.0 0.0
%Gamut u^*_{col} = 93 %Regularity $g^*_{H,col}$ = 57 $g^*_{C,col}$ = 59
brilliantness *i**
relative chroma *c**

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* lab*rgb**
elementary hue: *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*olv*$_{Ma}$: 0.1 1.0 0.0
%Gamut u^*_{col} = 93 %Regularity $g^*_{H,col}$ = 57 $g^*_{C,col}$ = 59
brilliantness *i**
relative chroma *c**

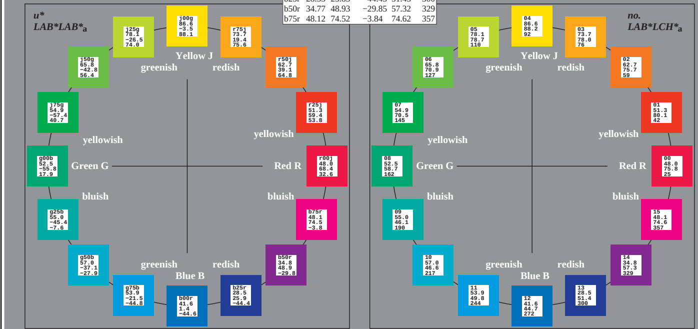
Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = 16 hues *r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 1.0

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



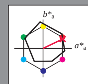
%Gamut
u^*_{rel} = 93
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

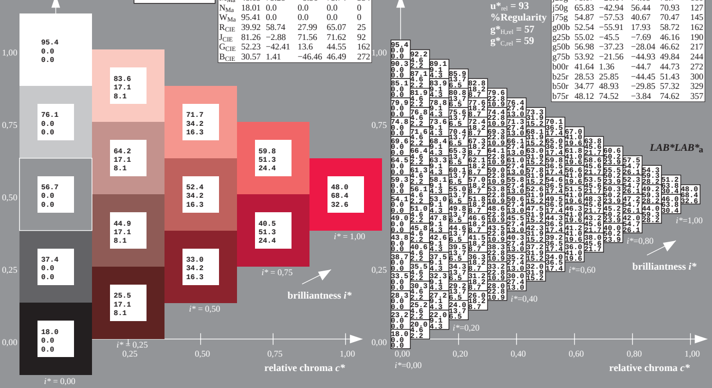
ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}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



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

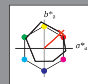
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 68 33
$LAB^*LCH^*_{Ma}$: 48 76 25
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.0
$lab^*olv^*_{Ma}$: 1.0 0.0 0.3
triangle lightness *t**

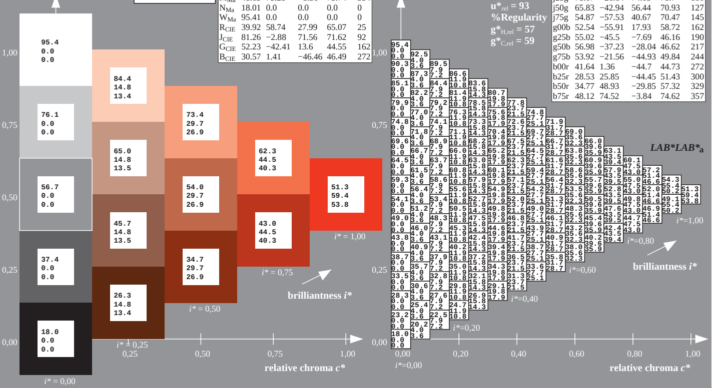




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ *u** = *r25j* *LAB*LAB*a*
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *r25j*
contrast reduction factor:
c_R = 1.0
triangle lightness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

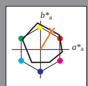
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 51 59 54
$LAB^*LCH^*_{Ma}$: 51 80 42
$lab^*rgb^*_{Ma}$: 1.0 0.25 0.0
$lab^*olv^*_{Ma}$: 1.0 0.08 0.0
triangle lightness *t**

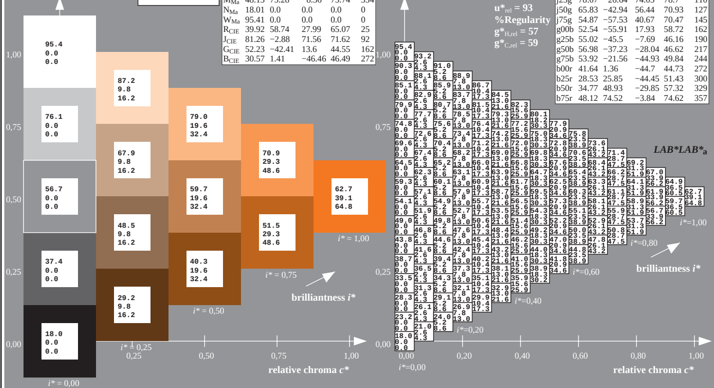




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ *u** = *r50j* *LAB*LAB*a*
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *r50j*
contrast reduction factor:
c_R = 1.0
triangle lightness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

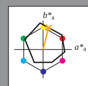
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 63 39 65
$LAB^*LCH^*_{Ma}$: 63 76 59
$lab^*rgb^*_{Ma}$: 1.0 0.5 0.0
$lab^*olv^*_{Ma}$: 1.0 0.35 0.0
triangle lightness *t**

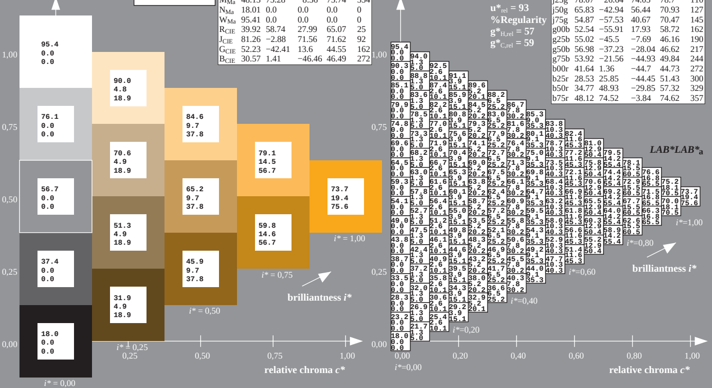




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ *u** = *r75j* *LAB*LAB*a*
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *r75j*
contrast reduction factor:
c_R = 1.0
triangle lightness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

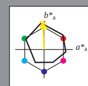
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 74 19 76
$LAB^*LCH^*_{Ma}$: 74 78 76
$lab^*rgb^*_{Ma}$: 1.0 0.75 0.0
$lab^*olv^*_{Ma}$: 1.0 0.61 0.0
triangle lightness *t**

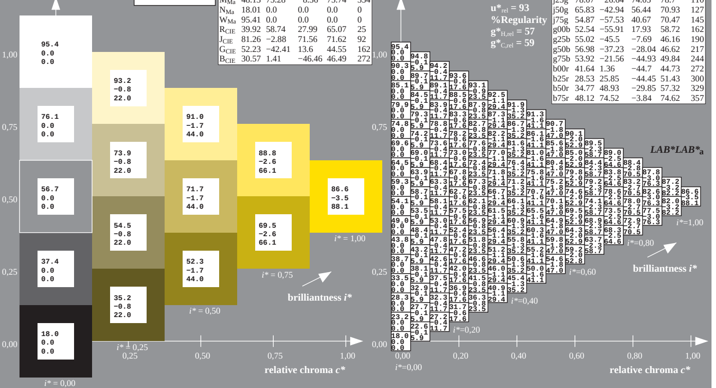




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ *u** = *j00g* *LAB*LAB*a*
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *j00g*
contrast reduction factor:
c_R = 1.0
triangle lightness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

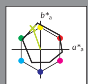
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 87 −3 88
$LAB^*LCH^*_{Ma}$: 87 88 92
$lab^*rgb^*_{Ma}$: 1.0 1.0 0.0
$lab^*olv^*_{Ma}$: 1.0 0.91 0.0
triangle lightness *t**

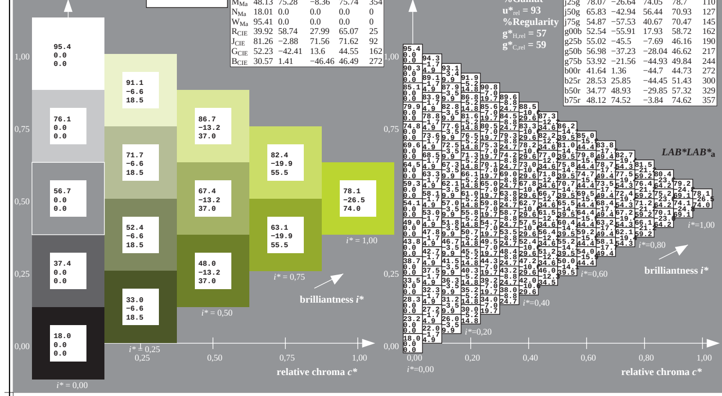




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ *u** = *j25g* *LAB*LAB*a*
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *j25g*
contrast reduction factor:
c_R = 1.0
triangle lightness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

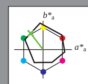
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 78 −26 74
$LAB^*LCH^*_{Ma}$: 78 79 110
$lab^*rgb^*_{Ma}$: 0.75 1.0 0.0
$lab^*olv^*_{Ma}$: 0.69 1.0 0.0
triangle lightness *t**

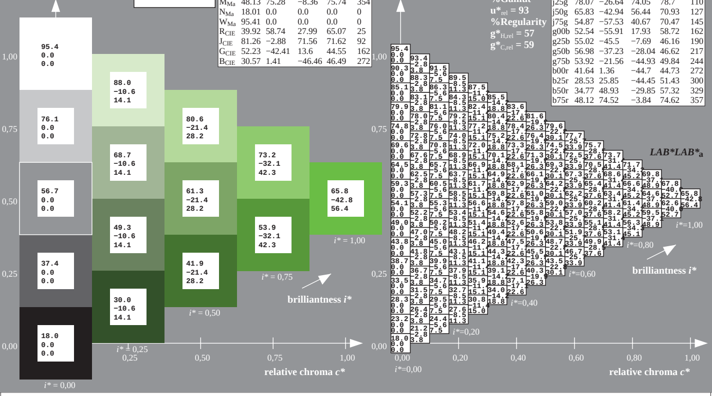




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ *u** = *j50g* *LAB*LAB*a*
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *j50g*
contrast reduction factor:
c_R = 1.0
triangle lightness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

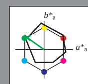
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 66 −42 56
$LAB^*LCH^*_{Ma}$: 66 71 127
$lab^*rgb^*_{Ma}$: 0.5 1.0 0.0
$lab^*olv^*_{Ma}$: 0.38 1.0 0.0
triangle lightness *t**

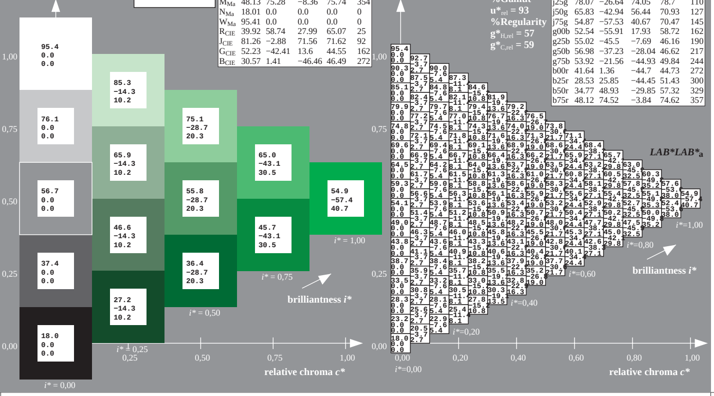




Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ *u** = *j75g* *LAB*LAB*a*
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
*u** = *j75g*
contrast reduction factor:
c_R = 1.0
triangle lightness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

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





Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ $u^* = r00j$ $LAB^*LCH^*{}_a$

data for any colour: *lab*tch** and *lab*icu**

elementary hue text: $u^* = r00j$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma):

$LAB^*LAB^*{}_{Ma}$: 48 68 33

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

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

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

%Gamut $u^*_{col} = 93$

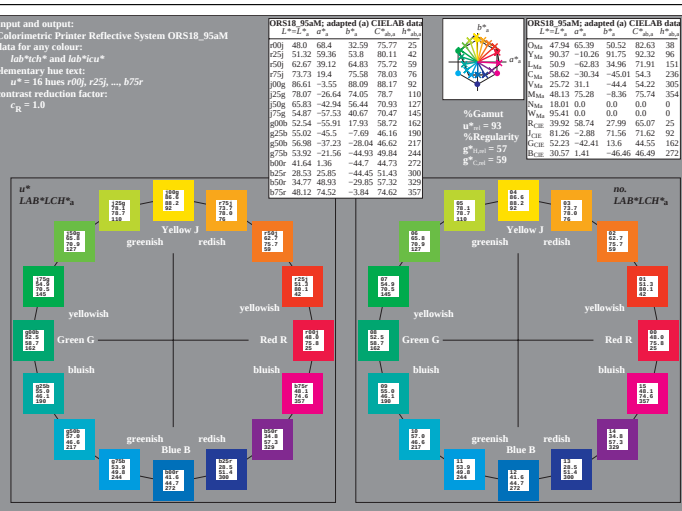
%Regularity $g^*_{H,col} = 57$

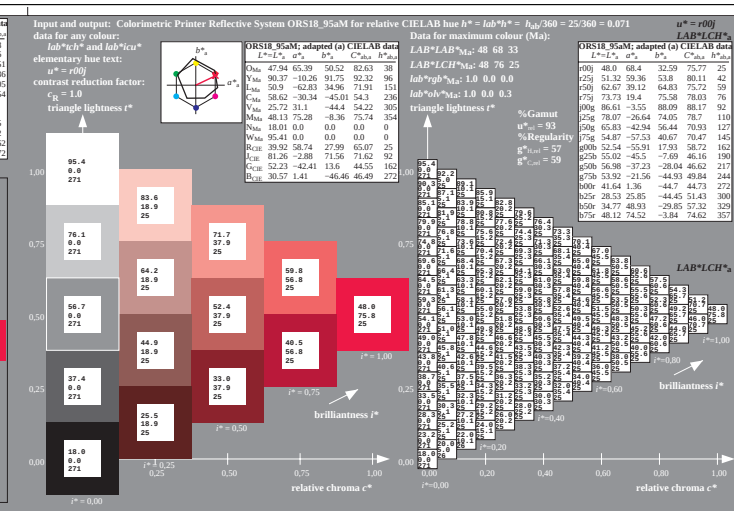
$g^*_{C,col} = 59$

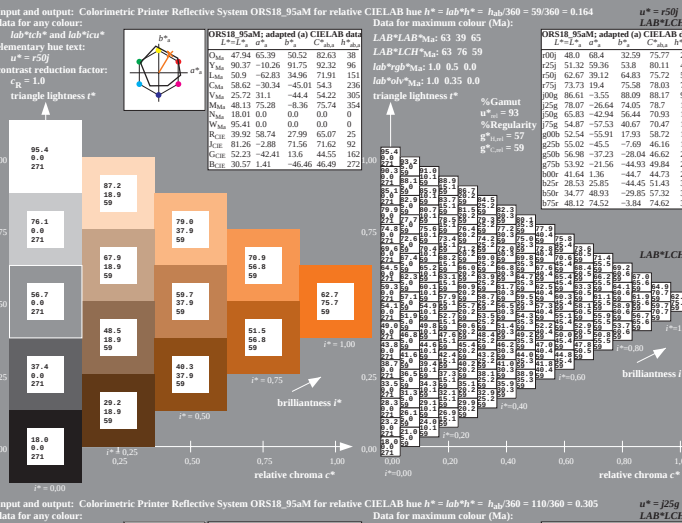
ORS18_95aM; adapted (a) CIELAB data

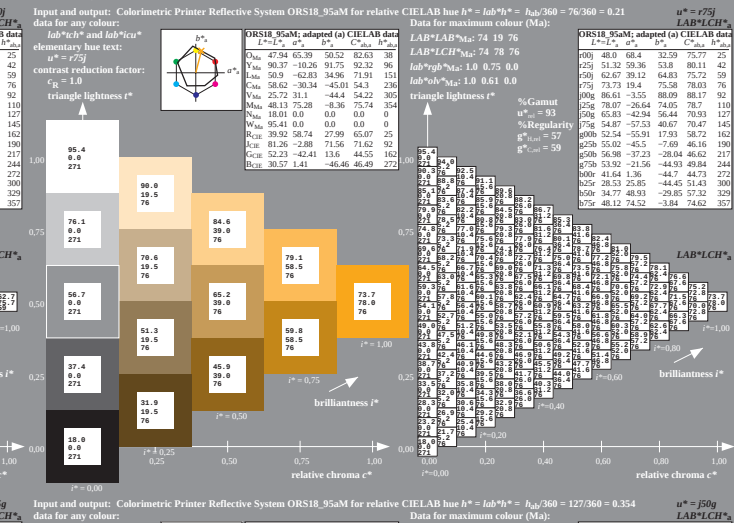
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mi}	47.94	65.39	50.52	82.63	38
Y_{Mi}	90.37	−10.26	91.75	92.32	96
L_{Mi}	50.9	−62.83	34.96	71.91	151
C_{Mi}	58.62	−30.34	−45.01	54.3	236
V_{Mi}	25.72	31.1	−44.4	54.22	305
M_{Mi}	48.13	75.28	−8.36	75.74	354
N_{Mi}	18.01	0.0	0.0	0.0	0
W_{Mi}	95.41	0.0	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 $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ $u^* = r25j$ $LAB^*LCH^*{}_a$

data for any colour: *lab*tch** and *lab*icu**

elementary hue text: $u^* = r25j$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma):

$LAB^*LAB^*{}_{Ma}$: 51 59 54

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

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

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

%Gamut $u^*_{col} = 93$

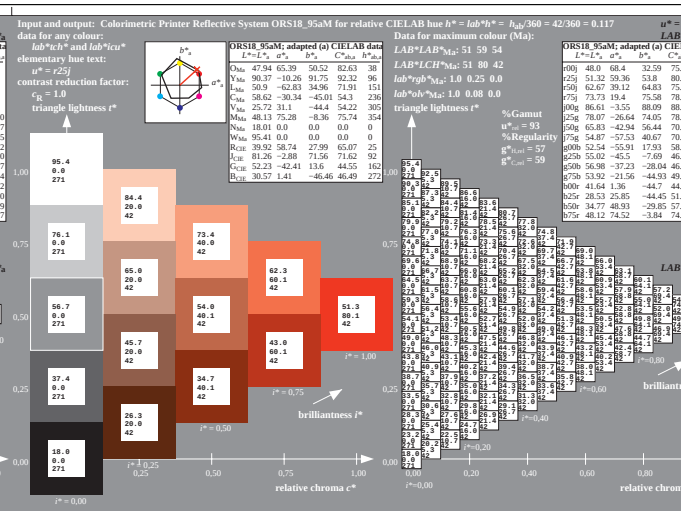
%Regularity $g^*_{H,col} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mi}	47.94	65.39	50.52	82.63	38
Y_{Mi}	90.37	−10.26	91.75	92.32	96
L_{Mi}	50.9	−62.83	34.96	71.91	151
C_{Mi}	58.62	−30.34	−45.01	54.3	236
V_{Mi}	25.72	31.1	−44.4	54.22	305
M_{Mi}	48.13	75.28	−8.36	75.74	354
N_{Mi}	18.01	0.0	0.0	0.0	0
W_{Mi}	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 $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ $u^* = r50j$ $LAB^*LCH^*{}_a$

data for any colour: *lab*tch** and *lab*icu**

elementary hue text: $u^* = r50j$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma):

$LAB^*LAB^*{}_{Ma}$: 63 39 65

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

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

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

%Gamut $u^*_{col} = 93$

%Regularity $g^*_{H,col} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mi}	47.94	65.39	50.52	82.63	38
Y_{Mi}	90.37	−10.26	91.75	92.32	96
L_{Mi}	50.9	−62.83	34.96	71.91	151
C_{Mi}	58.62	−30.34	−45.01	54.3	236
V_{Mi}	25.72	31.1	−44.4	54.22	305
M_{Mi}	48.13	75.28	−8.36	75.74	354
N_{Mi}	18.01	0.0	0.0	0.0	0
W_{Mi}	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 $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ $u^* = r75j$ $LAB^*LCH^*{}_a$

data for any colour: *lab*tch** and *lab*icu**

elementary hue text: $u^* = r75j$

contrast reduction factor: $c_R = 1.0$

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

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

%Gamut $u^*_{col} = 93$

%Regularity $g^*_{H,col} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mi}	47.94	65.39	50.52	82.63	38
Y_{Mi}	90.37	−10.26	91.75	92.32	96
L_{Mi}	50.9	−62.83	34.96	71.91	151
C_{Mi}	58.62	−30.34	−45.01	54.3	236
V_{Mi}	25.72	31.1	−44.4	54.22	305
M_{Mi}	48.13	75.28	−8.36	75.74	354
N_{Mi}	18.01	0.0	0.0	0.0	0
W_{Mi}	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 $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ $u^* = j00g$ $LAB^*LCH^*{}_a$

data for any colour: *lab*tch** and *lab*icu**

elementary hue text: $u^* = j00g$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma):

$LAB^*LAB^*{}_{Ma}$: 87 −3 88

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

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

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

%Gamut $u^*_{col} = 93$

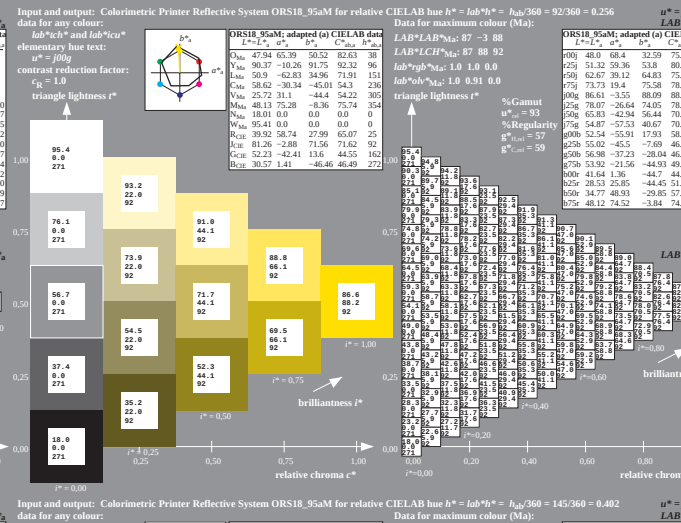
%Regularity $g^*_{H,col} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mi}	47.94	65.39	50.52	82.63	38
Y_{Mi}	90.37	−10.26	91.75	92.32	96
L_{Mi}	50.9	−62.83	34.96	71.91	151
C_{Mi}	58.62	−30.34	−45.01	54.3	236
V_{Mi}	25.72	31.1	−44.4	54.22	305
M_{Mi}	48.13	75.28	−8.36	75.74	354
N_{Mi}	18.01	0.0	0.0	0.0	0
W_{Mi}	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 $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ $u^* = j25g$ $LAB^*LCH^*{}_a$

data for any colour: *lab*tch** and *lab*icu**

elementary hue text: $u^* = j25g$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma):

$LAB^*LAB^*{}_{Ma}$: 78 −26 74

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

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

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

%Gamut $u^*_{col} = 93$

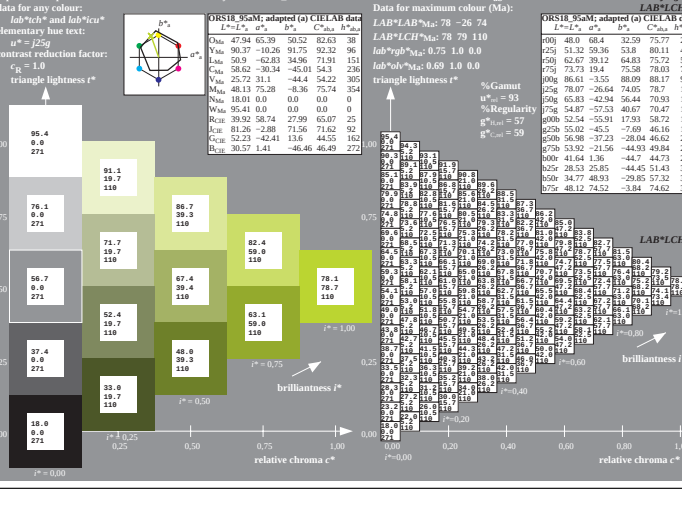
%Regularity $g^*_{H,col} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mi}	47.94	65.39	50.52	82.63	38
Y_{Mi}	90.37	−10.26	91.75	92.32	96
L_{Mi}	50.9	−62.83	34.96	71.91	151
C_{Mi}	58.62	−30.34	−45.01	54.3	236
V_{Mi}	25.72	31.1	−44.4	54.22	305
M_{Mi}	48.13	75.28	−8.36	75.74	354
N_{Mi}	18.01	0.0	0.0	0.0	0
W_{Mi}	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 $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ $u^* = j50g$ $LAB^*LCH^*{}_a$

data for any colour: *lab*tch** and *lab*icu**

elementary hue text: $u^* = j50g$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma):

$LAB^*LAB^*{}_{Ma}$: 66 −42 56

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

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

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

%Gamut $u^*_{col} = 93$

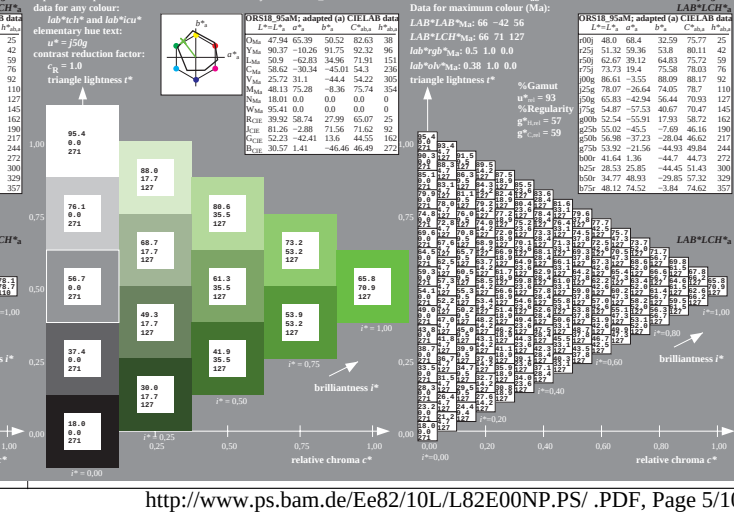
%Regularity $g^*_{H,col} = 57$

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

ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mi}	47.94	65.39	50.52	82.63	38
Y_{Mi}	90.37	−10.26	91.75	92.32	96
L_{Mi}	50.9	−62.83	34.96	71.91	151
C_{Mi}	58.62	−30.34	−45.01	54.3	236
V_{Mi}	25.72	31.1	−44.4	54.22	305
M_{Mi}	48.13	75.28	−8.36	75.74	354
N_{Mi}	18.01	0.0	0.0	0.0	0
W_{Mi}	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 $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ $u^* = j75g$ $LAB^*LCH^*{}_a$

data for any colour: *lab*tch** and *lab*icu**

elementary hue text: $u^* = j75g$

contrast reduction factor: $c_R = 1.0$

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

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

%Gamut $u^*_{col} = 93$

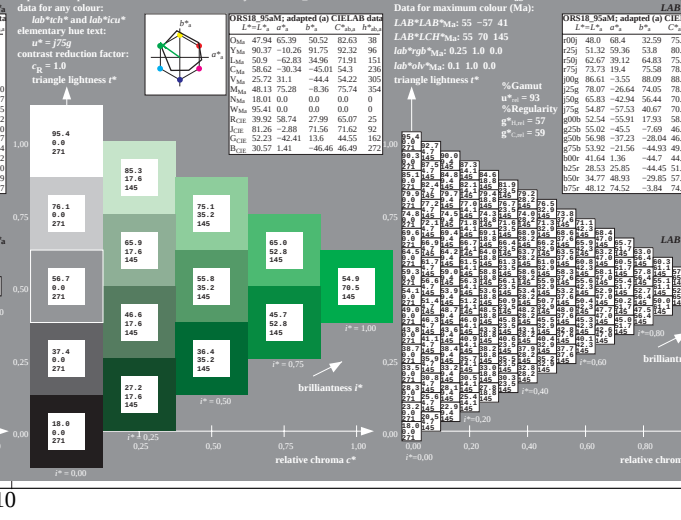
%Regularity $g^*_{H,col} = 57$

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

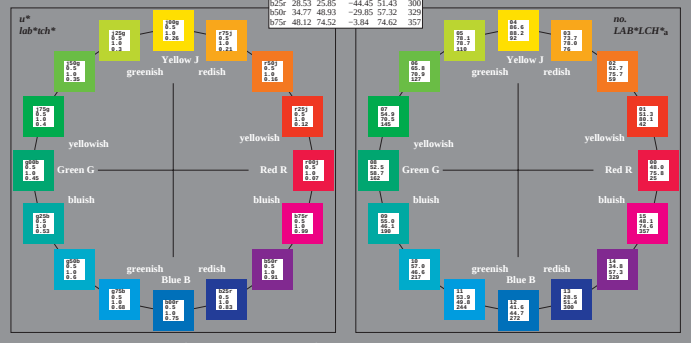
ORS18_95aM; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mi}	47.94	65.39	50.52	82.63	38
Y_{Mi}	90.37	−10.26	91.75	92.32	96
L_{Mi}	50.9	−62.83	34.96	71.91	151
C_{Mi}	58.62	−30.34	−45.01	54.3	236
V_{Mi}	25.72	31.1	−44.4	54.22	305
M_{Mi}	48.13	75.28	−8.36	75.74	354
N_{Mi}	18.01	0.0	0.0	0.0	0
W_{Mi}	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
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = 16$ hues *r00j, r25j, ..., b75r*
contrast reduction factor:
$c_R = 1.0$



ORS18_95aM; adapted (a) CIELAB data

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

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

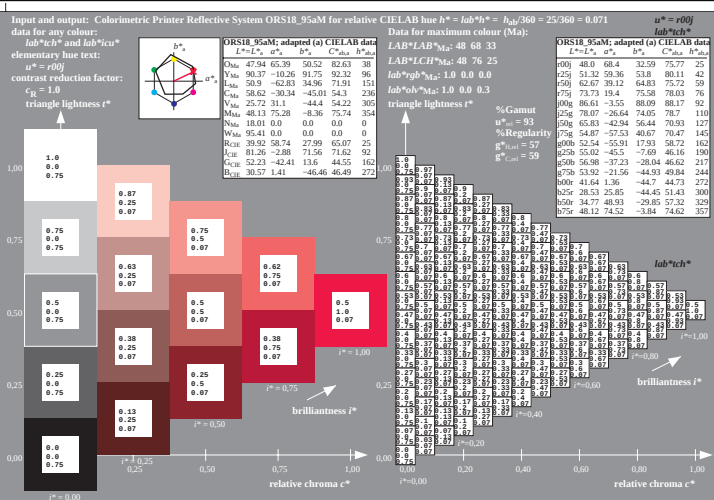
ORS18_95aM; adapted (a) CIELAB data

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

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

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

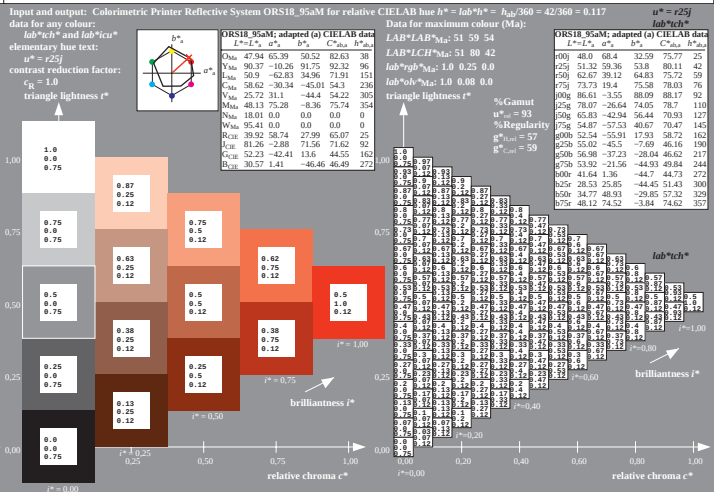
$u^* = r00j$
*lab*tch**



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
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*olv*$_{Ma}$: 1.0 0.08 0.0

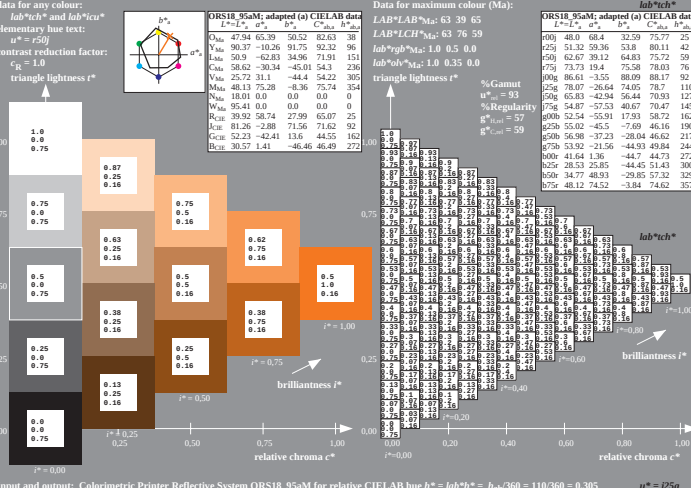
$u^* = r25j$
*lab*tch**



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
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*olv*$_{Ma}$: 1.0 0.35 0.0

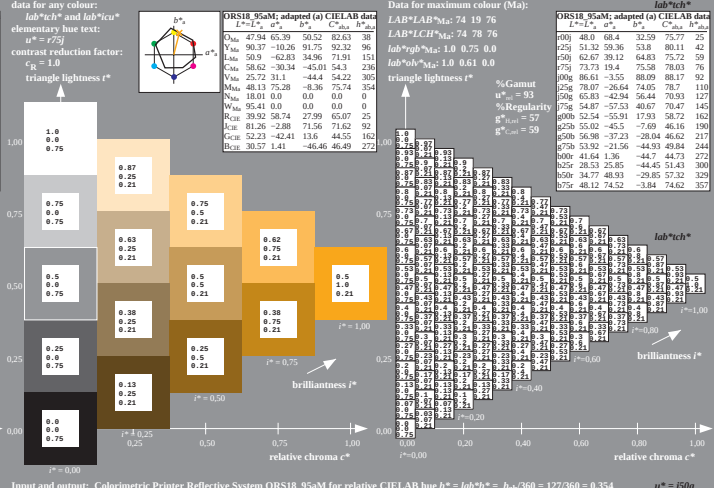
$u^* = r50j$
*lab*tch**



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

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

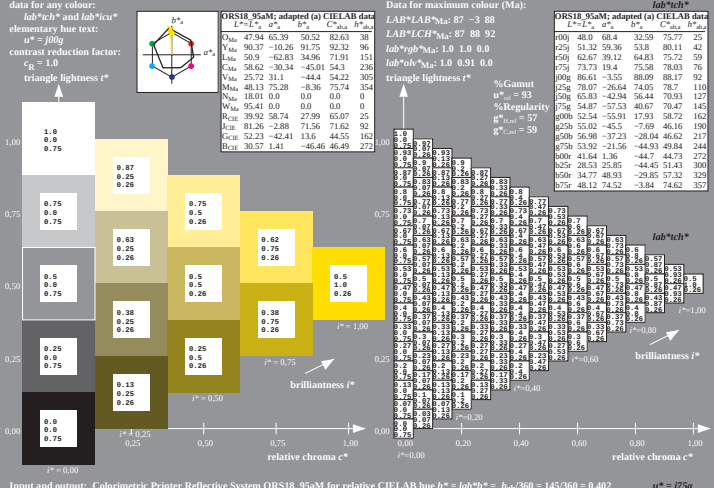
$u^* = r75j$
*lab*tch**



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

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

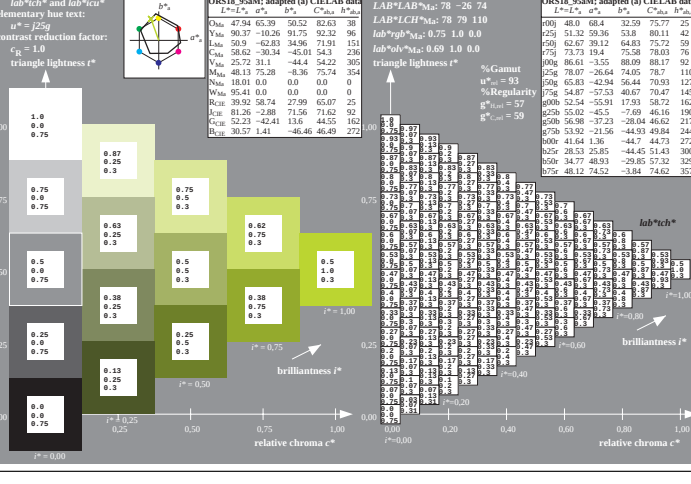
$u^* = j00g$
*lab*tch**



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$
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*olv*$_{Ma}$: 0.69 1.0 0.0

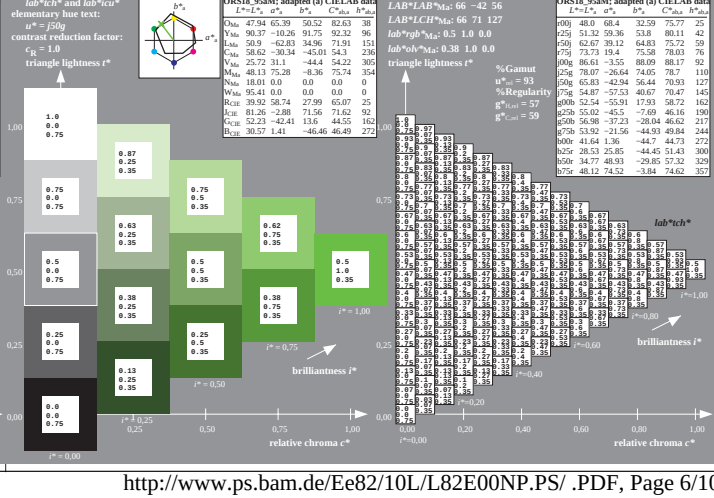
$u^* = j25g$
*lab*tch**



Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
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*olv*$_{Ma}$: 0.38 1.0 0.0

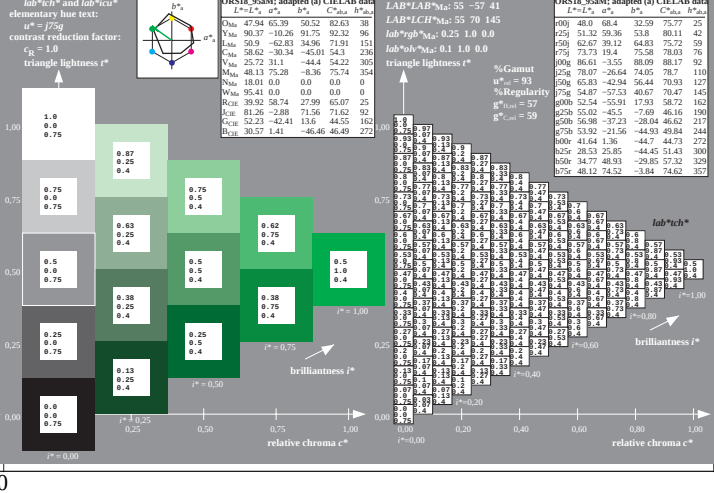
$u^* = j50g$
*lab*tch**



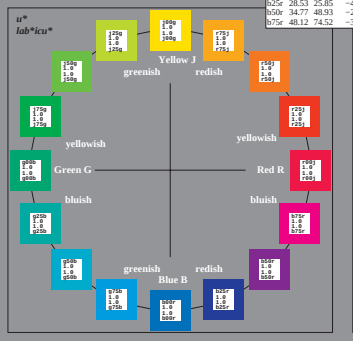
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

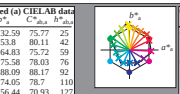
Data for maximum colour (Ma):
*LAB*LAB*$_{Ma}$: 55 −57 41
*LAB*LCH*$_{Ma}$: 55 70 145
*lab*rgb*$_{Ma}$: 0.25 1.0 0.0
*lab*olv*$_{Ma}$: 0.1 1.0 0.0

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



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:
$c_R = 1.0$





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

ORS18_95aM; adapted (a) CIELAB data

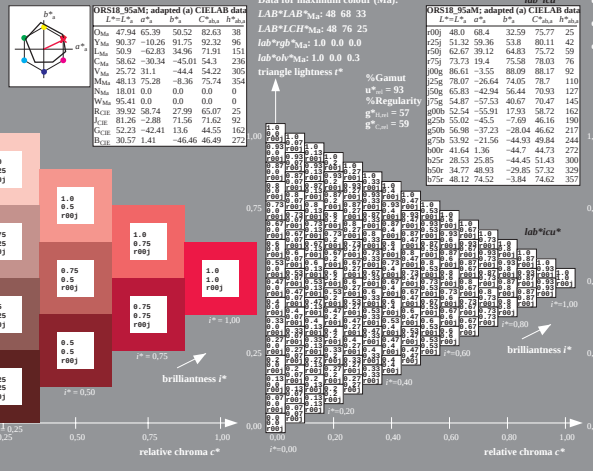
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mi}	47.94	65.39	50.52	82.63	38
Y_{Mi}	90.37	−10.26	91.75	92.32	96
L_{Mi}	50.9	−62.83	34.96	71.91	151
C_{Mi}	58.62	−30.34	−45.01	54.3	236
C_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	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

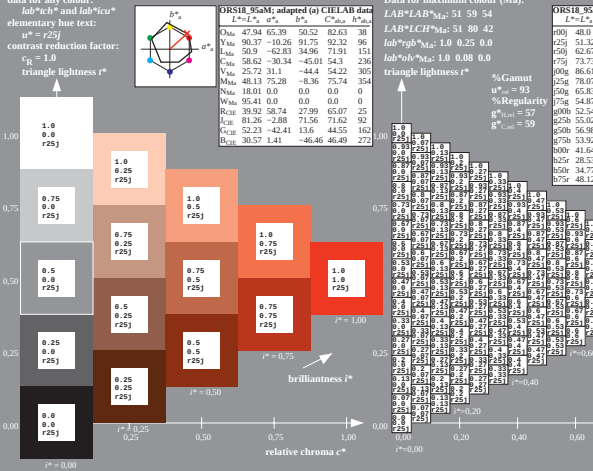
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ *u* = r00j* *lab*icu**
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r00j*
contrast reduction factor: $c_R = 1.0$
triangle lightness *t**

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



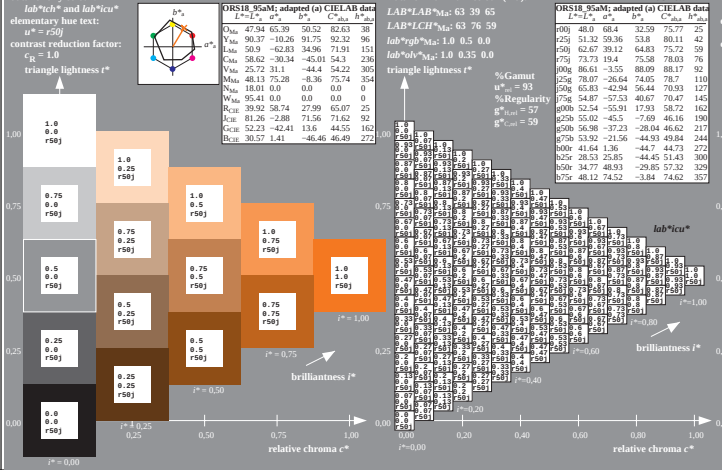
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ *u* = r25j* *lab*icu**
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r25j*
contrast reduction factor: $c_R = 1.0$
triangle lightness *t**

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



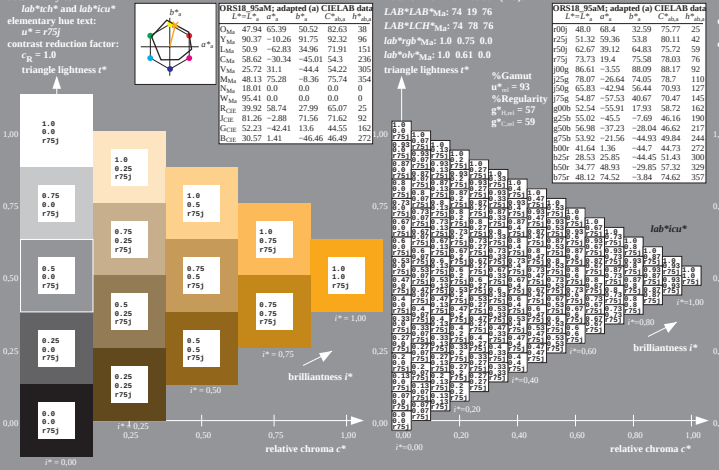
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ *u* = r50j* *lab*icu**
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r50j*
contrast reduction factor: $c_R = 1.0$
triangle lightness *t**

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



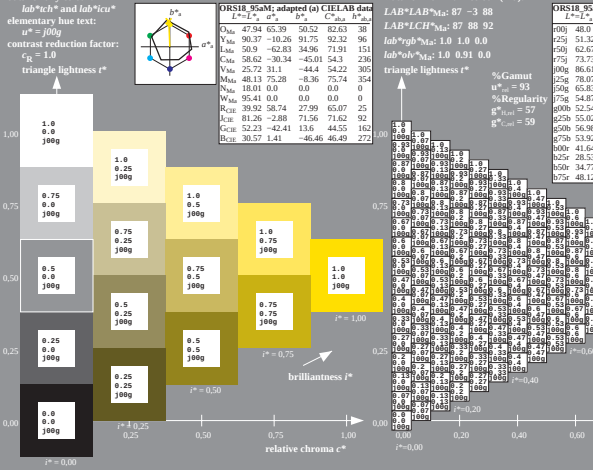
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ *u* = r75j* *lab*icu**
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = r75j*
contrast reduction factor: $c_R = 1.0$
triangle lightness *t**

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



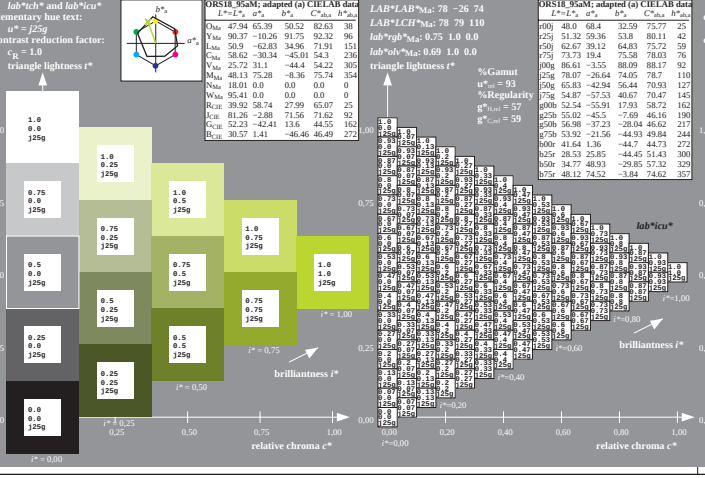
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ *u* = j00g* *lab*icu**
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = j00g*
contrast reduction factor: $c_R = 1.0$
triangle lightness *t**

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



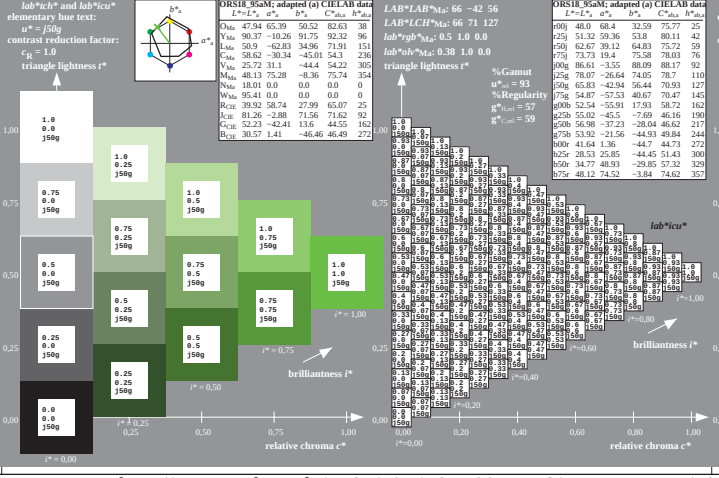
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ *u* = j25g* *lab*icu**
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = j25g*
contrast reduction factor: $c_R = 1.0$
triangle lightness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

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



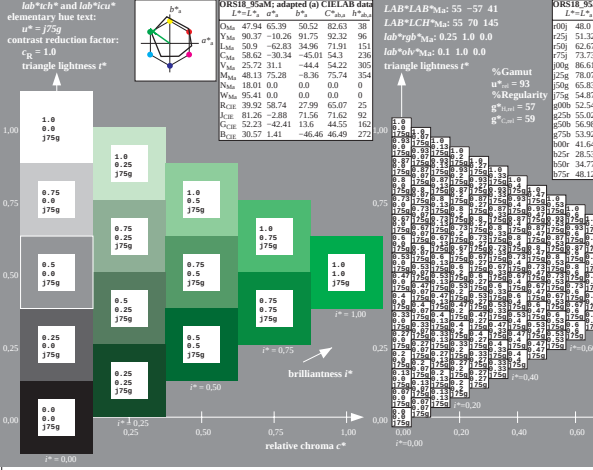
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ *u* = j50g* *lab*icu**
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = j50g*
contrast reduction factor: $c_R = 1.0$
triangle lightness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

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

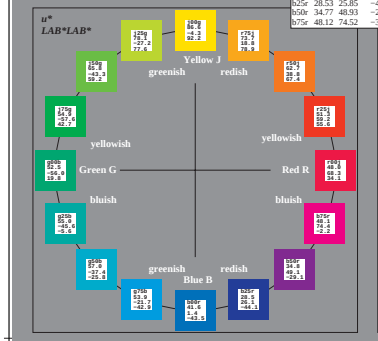


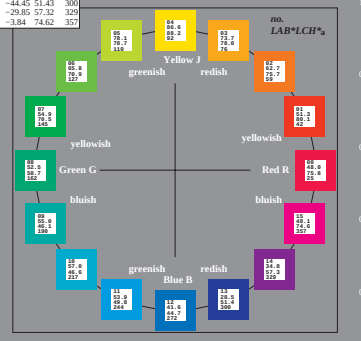
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ *u* = j75g* *lab*icu**
data for any colour: *lab*tch** and *lab*icu**
elementary hue text: *u* = j75g*
contrast reduction factor: $c_R = 1.0$
triangle lightness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

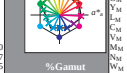
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 55 −57 41
*LAB*LCH**$_{Ma}$: 55 70 145
*lab*rgb**$_{Ma}$: 0.25 1.0 0.0
*lab*olv**$_{Ma}$: 0.1 1.0 0.0



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: $c_R = 1.0$







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

ORS18_95M; CIELAB data

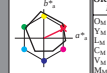
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS18_95aM; adapted (a) CIELAB data

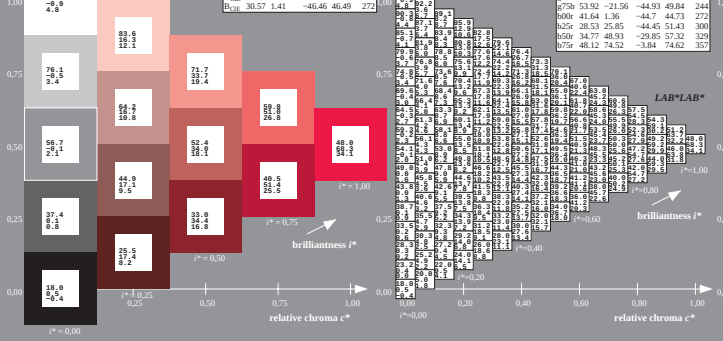
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.0	68.4	32.59	75.77	25
r25j	51.32	59.36	53.8	80.11	42
r50j	62.67	39.12	64.83	75.72	59
r75j	73.73	19.4	75.58	78.03	76
j00g	86.61	−3.55	88.09	88.17	92
j25g	78.07	−26.64	74.05	78.7	110
j50g	65.83	−42.94	56.44	70.93	127
j75g	54.87	−57.53	40.67	70.47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

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ $u^* = r00j$ LAB*LAB*

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



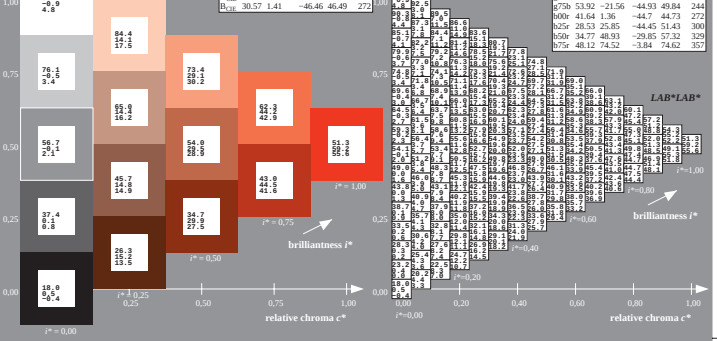
%Gamut $u^*_{col} = 93$
%Regularity $g^*_{H,col} = 57$
$g^*_{C,col} = 59$



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

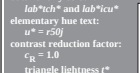
Data for maximum colour (Ma): *LAB*LAB*Ma*: 51 59 54 *LAB*LCH*Ma*: 51 80 42 *lab*rgb*Ma*: 1.0 0.25 0.0 *lab*olv*Ma*: 1.0 0.08 0.0

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

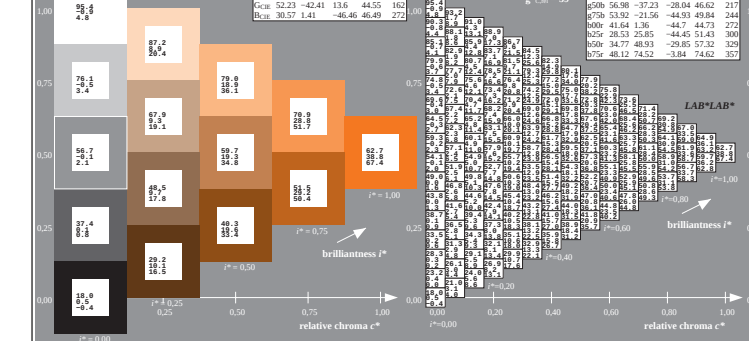


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ $u^* = r50j$ LAB*LAB*

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

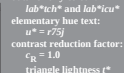


%Gamut $u^*_{col} = 93$
%Regularity $g^*_{H,col} = 57$
$g^*_{C,col} = 59$

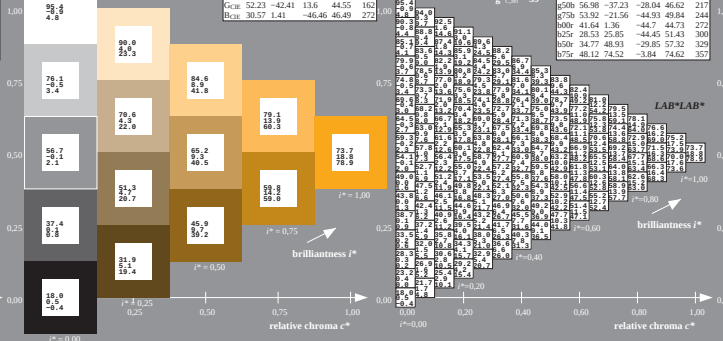


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ $u^* = r75j$ LAB*LAB*

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

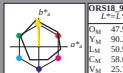


%Gamut $u^*_{col} = 93$
%Regularity $g^*_{H,col} = 57$
$g^*_{C,col} = 59$

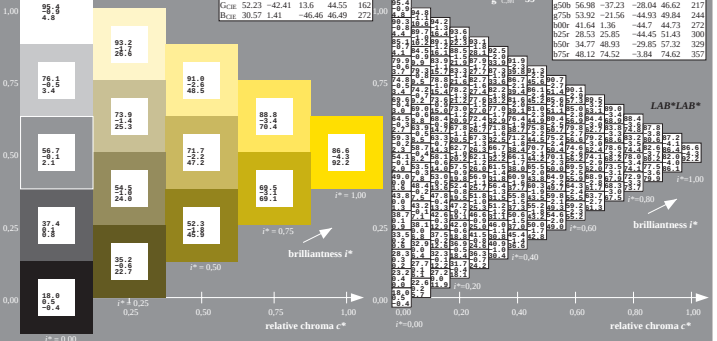


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ $u^* = j00g$ LAB*LAB*

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

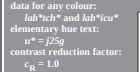


%Gamut $u^*_{col} = 93$
%Regularity $g^*_{H,col} = 57$
$g^*_{C,col} = 59$

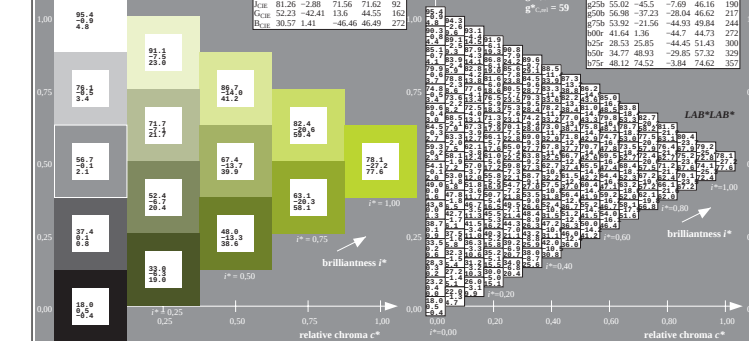


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ $u^* = j25g$ LAB*LAB*

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

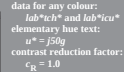


%Gamut $u^*_{col} = 93$
%Regularity $g^*_{H,col} = 57$
$g^*_{C,col} = 59$

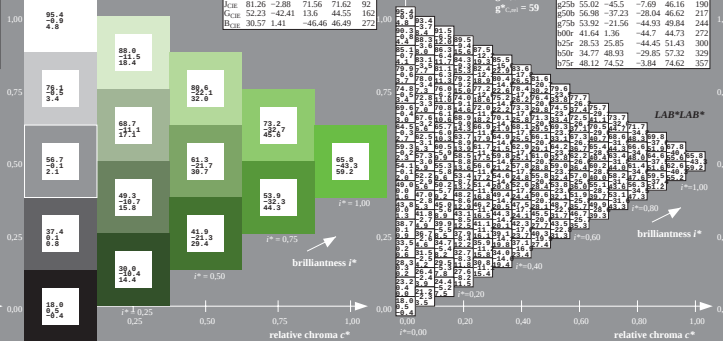


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ $u^* = j50g$ LAB*LAB*

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

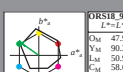


%Gamut $u^*_{col} = 93$
%Regularity $g^*_{H,col} = 57$
$g^*_{C,col} = 59$

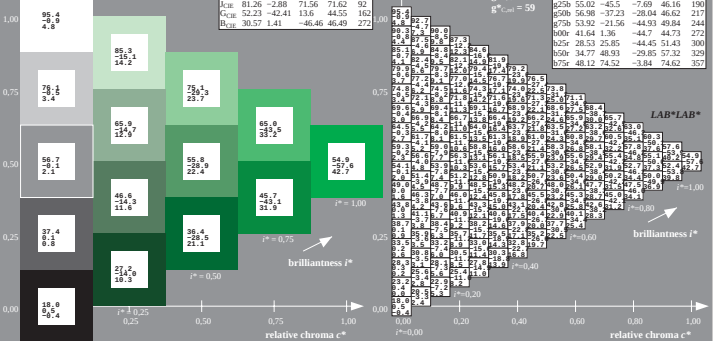


Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ $u^* = j75g$ LAB*LAB*

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



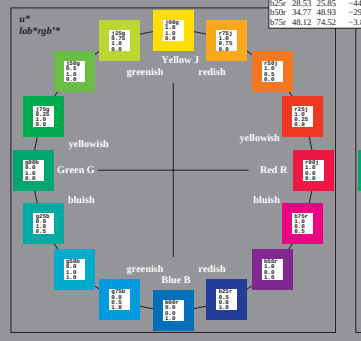
%Gamut $u^*_{col} = 93$
%Regularity $g^*_{H,col} = 57$
$g^*_{C,col} = 59$

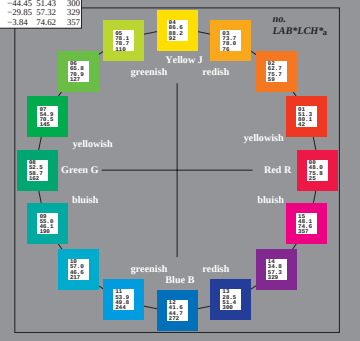


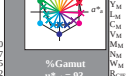
Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
*lab*tch** and *lab*icu**
elementary hue text:
$u^* = 16$ hues *r00j, r25j, ..., b75r*
contrast reduction factor:
$c_R = 1.0$

ORS18_95aM; adapted (a) CIELAB data	$L^*=L^*_a$	a^*	b^*	C^*_{ab}	h^*_{ab}
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

ORS18_95aM; CIELAB data	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272







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

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

*lab*rgb'**

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

brilliantness i^*
relative chroma c^*

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

*lab*rgb'**

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

brilliantness i^*
relative chroma c^*

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

*lab*rgb'**

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

brilliantness i^*
relative chroma c^*

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

*lab*rgb'**

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

brilliantness i^*
relative chroma c^*

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

*lab*rgb'**

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

brilliantness i^*
relative chroma c^*

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

*lab*rgb'**

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

brilliantness i^*
relative chroma c^*

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

*lab*rgb'**

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

brilliantness i^*
relative chroma c^*

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

*lab*rgb'**

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

brilliantness i^*
relative chroma c^*

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

ORS18_95aM; adapted (a) CIELAB data

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

ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

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

*LAB*cmyn'**

greenish — Yellow J — redish
yellowish
Green G — Red R
bluish
greenish — Blue B — redish

*no. LAB*LCH*s*

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*cmyn'**
*lab*tch** and *lab*icu**
elementary hue text: *LAB*LAB*Ma*: 48 68 33
*u** = *r00j* *LAB*LCH*ab*: 48 76 25
contrast reduction factor: *lab*rgb*Ma*: 1.0 0.0 0.0
c_R = 1.0 *lab*olv*Ma*: 1.0 0.0 0.3
triangle lightness *t**

Data for maximum colour (Ma):

ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS18_95aM; adapted (a) CIELAB data

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

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

*LAB*cmyn'**

i^* = 0.00 … 1.00
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ *u* = r25j*
Data for any colour: *LAB*cmyn'**
*lab*tch** and *lab*icu**
elementary hue text: *LAB*LAB*Ma*: 51 59 54
*u** = *r25j* *LAB*LCH*ab*: 51 80 42
contrast reduction factor: *lab*rgb*Ma*: 1.0 0.25 0.0
c_R = 1.0 *lab*olv*Ma*: 1.0 0.08 0.0
triangle lightness *t**

Data for maximum colour (Ma):

ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS18_95aM; adapted (a) CIELAB data

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

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

*LAB*cmyn'**

i^* = 0.00 … 1.00
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ *u* = r50j*
Data for any colour: *LAB*cmyn'**
*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*ab*: 63 76 59
*lab*rgb*Ma*: 1.0 0.5 0.0
*lab*olv*Ma*: 1.0 0.35 0.0

ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS18_95aM; adapted (a) CIELAB data

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

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

*LAB*cmyn'**

i^* = 0.00 … 1.00
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ *u* = r75j*
Data for any colour: *LAB*cmyn'**
*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*ab*: 74 78 76
*lab*rgb*Ma*: 1.0 0.75 0.0
*lab*olv*Ma*: 1.0 0.61 0.0

ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS18_95aM; adapted (a) CIELAB data

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

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

*LAB*cmyn'**

i^* = 0.00 … 1.00
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ *u* = j00g*
Data for any colour: *LAB*cmyn'**
*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*ab*: 87 88 92
*lab*rgb*Ma*: 1.0 1.0 0.0
*lab*olv*Ma*: 1.0 0.91 0.0

ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS18_95aM; adapted (a) CIELAB data

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

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

*LAB*cmyn'**

i^* = 0.00 … 1.00
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ *u* = j25g*
Data for any colour: *LAB*cmyn'**
*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*ab*: 78 79 110
*lab*rgb*Ma*: 0.5 1.0 0.0
*lab*olv*Ma*: 0.69 1.0 0.0

ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS18_95aM; adapted (a) CIELAB data

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

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

*LAB*cmyn'**

i^* = 0.00 … 1.00
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ *u* = j50g*
Data for any colour: *LAB*cmyn'**
*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*ab*: 66 71 127
*lab*rgb*Ma*: 0.5 1.0 0.0
*lab*olv*Ma*: 0.38 1.0 0.0

ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS18_95aM; adapted (a) CIELAB data

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

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

*LAB*cmyn'**

i^* = 0.00 … 1.00
brilliantness *i**
relative chroma *c**

Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ *u* = j75g*
Data for any colour: *LAB*cmyn'**
*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*ab*: 55 70 145
*lab*rgb*Ma*: 0.25 1.0 0.0
*lab*olv*Ma*: 0.1 1.0 0.0

ORS18_95aM; CIELAB data

	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_M	47.94	65.31	52.07	83.53	39
Y_M	90.37	−11.15	96.17	96.82	97
L_M	50.9	−62.96	36.71	72.89	150
C_M	58.62	−30.62	−42.74	52.59	234
V_M	25.72	31.45	−44.35	54.38	305
M_M	48.13	75.2	−6.79	75.51	355
N_M	18.01	0.5	−0.46	0.69	317
W_M	95.41	−0.98	4.76	4.86	102
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

ORS18_95aM; adapted (a) CIELAB data

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

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

*LAB*cmyn'**

i^* = 0.00 … 1.00
brilliantness *i**
relative chroma *c**