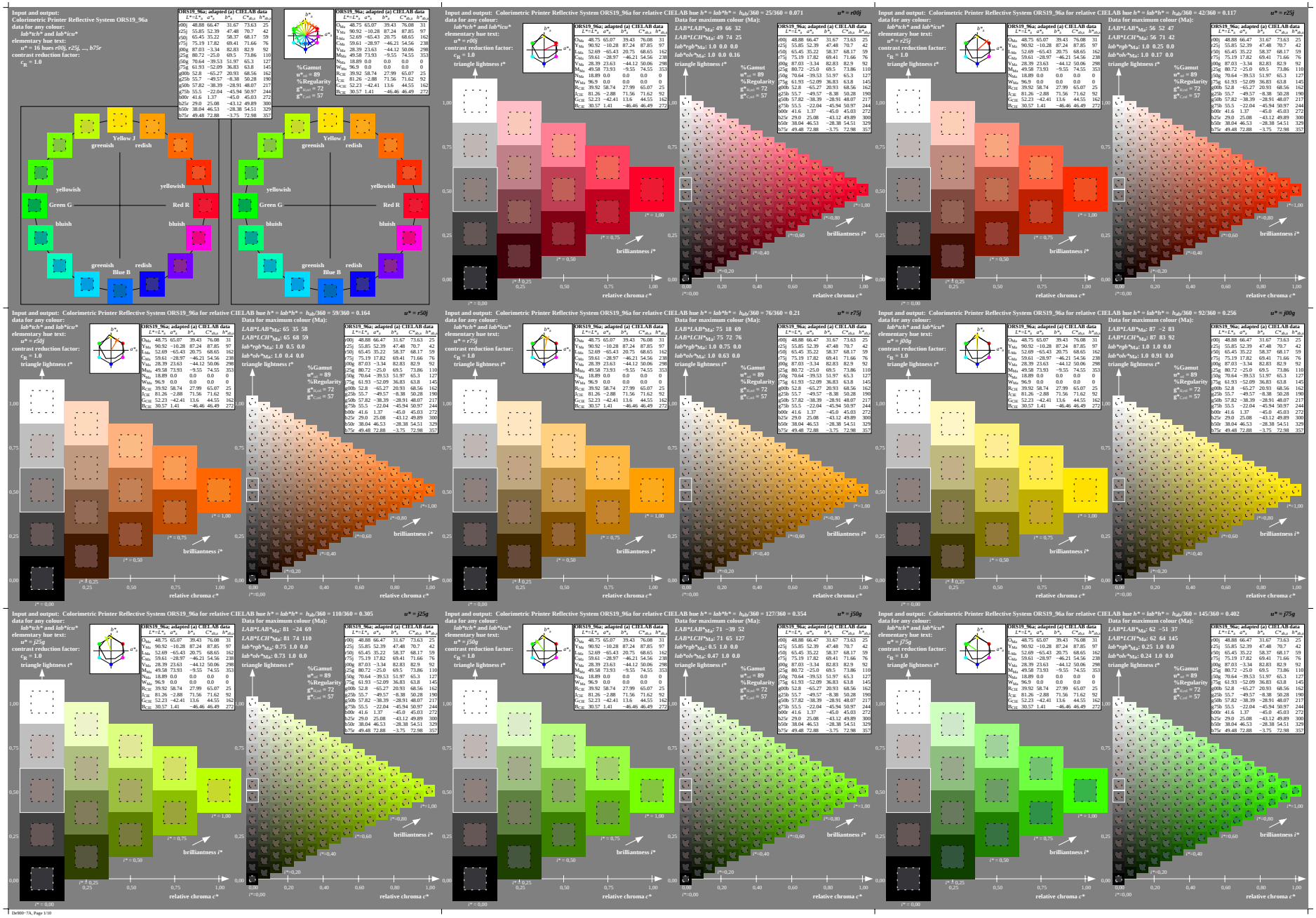

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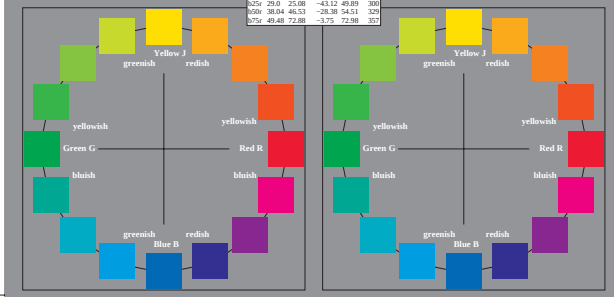
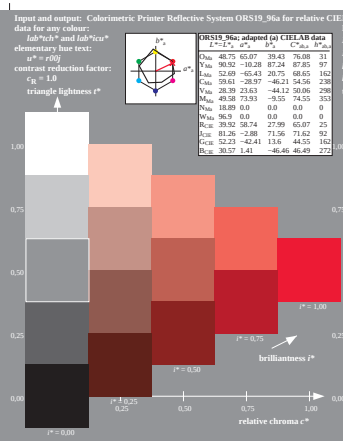
Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = 16$ hues *r00j, r25j, ..., b75r*
contrast reduction factor:
$c_R = 1.0$

ORS19_96a: adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
y00j	87.03	−3.34	82.83	82.9	92
y25j	80.72	−25.0	69.5	73.86	110
y50j	70.64	−39.53	51.97	65.3	127
y75j	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Mu}	48.75	65.07	39.43	76.08	31
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	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



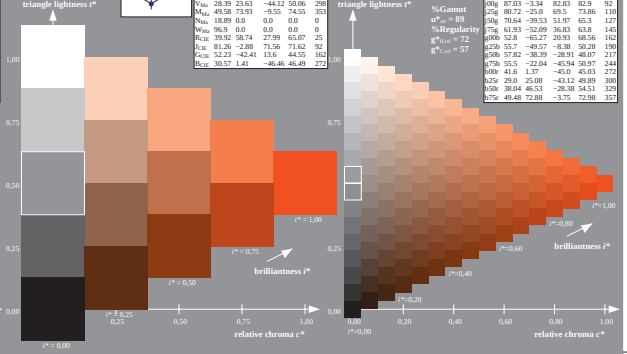


Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ $u^* = r00j$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = r00j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 49 66 32
*LAB*LCH*Ma*: 49 74 25
*lab*rgb*Ma*: 1.0 0.0 0.0
*lab*ob*Ma*: 1.0 0.0 0.16

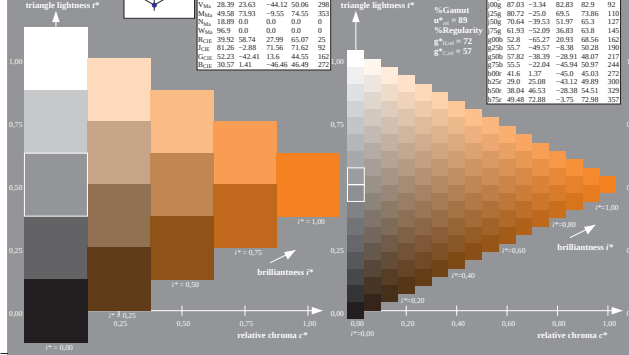
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ $u^* = r25j$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 56 52 47
*LAB*LCH*Ma*: 56 71 42
*lab*rgb*Ma*: 1.0 0.25 0.0
*lab*ob*Ma*: 1.0 0.17 0.0



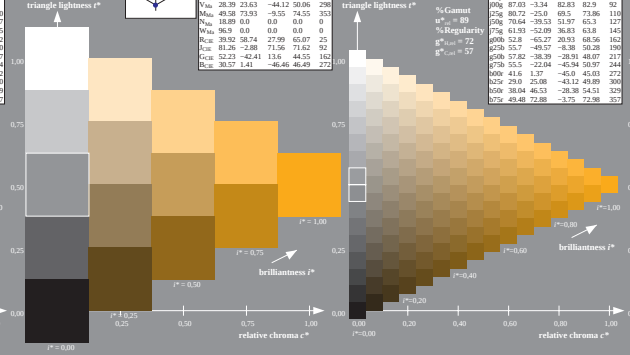
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ $u^* = r50j$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 65 35 58
*LAB*LCH*Ma*: 65 68 59
*lab*rgb*Ma*: 1.0 0.5 0.0
*lab*ob*Ma*: 1.0 0.4 0.0



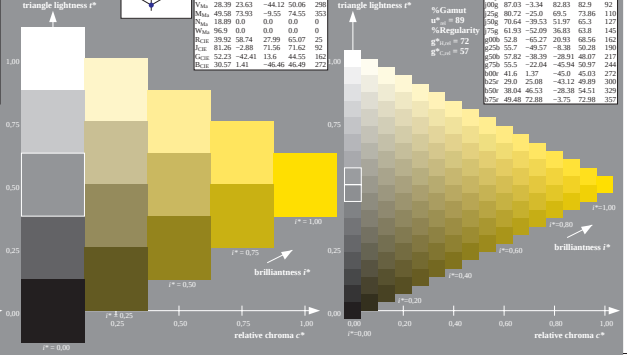
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ $u^* = r75j$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 75 18 69
*LAB*LCH*Ma*: 75 72 76
*lab*rgb*Ma*: 1.0 0.75 0.0
*lab*ob*Ma*: 1.0 0.63 0.0



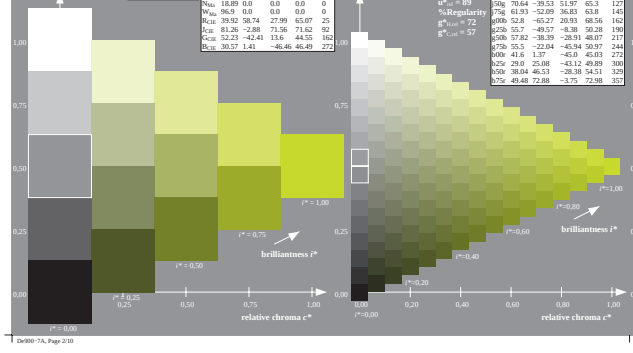
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ $u^* = j00g$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = j00g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 87 −2 63
*LAB*LCH*Ma*: 87 83 92
*lab*rgb*Ma*: 1.0 1.0 0.0
*lab*ob*Ma*: 1.0 0.91 0.0



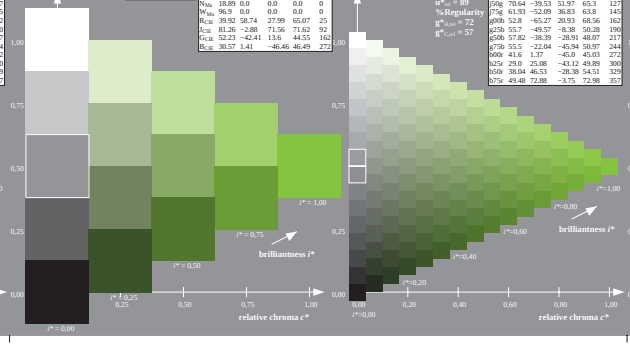
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ $u^* = j25g$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 81 −24 69
*LAB*LCH*Ma*: 81 74 110
*lab*rgb*Ma*: 0.75 1.0 0.0
*lab*ob*Ma*: 0.73 1.0 0.0



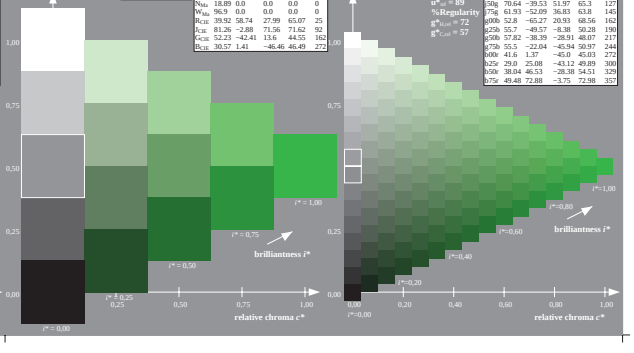
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ $u^* = j50g$
data for any colour:
*lab*tch* and lab*icu**
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
*LAB*LAB*Ma*: 71 −39 52
*LAB*LCH*Ma*: 71 65 127
*lab*rgb*Ma*: 0.5 1.0 0.0
*lab*ob*Ma*: 0.47 1.0 0.0



Input and output: Colorimetric Printer Reflective System ORS19_96a 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*: 62 −51 37
*LAB*LCH*Ma*: 62 64 145
*lab*rgb*Ma*: 0.25 1.0 0.0
*lab*ob*Ma*: 0.24 1.0 0.0

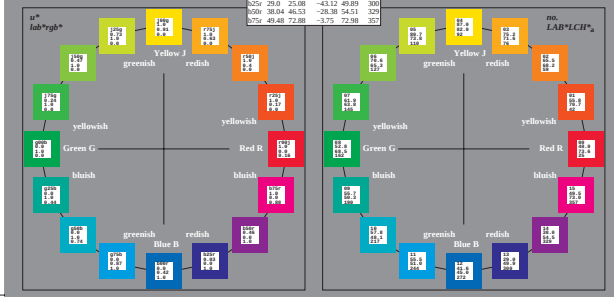


Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
*lab*rch** and *lab*icu**
elementary hue text:
$u^* = 16$ hues *r00j, r25j, ..., b75r*
contrast reduction factor:
$c_R = 1.0$

ORS19_96a: adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
g00y	87.03	−3.34	82.83	82.9	92
g25y	80.72	−25.0	69.5	73.86	110
g50y	70.64	−39.53	51.97	65.3	127
g75y	61.93	−52.09	36.83	63.8	145
g00b	52.8	−65.27	20.93	68.56	162
g25b	55.7	−49.57	−8.38	50.28	190
g50b	57.82	−38.39	−28.91	48.07	217
g75b	55.5	−22.04	−45.94	50.97	244
b00r	41.6	1.37	−45.0	45.03	272
b25r	29.0	25.08	−43.12	49.89	300
b50r	38.04	46.53	−28.38	54.51	329
b75r	49.48	72.88	−3.75	72.98	357

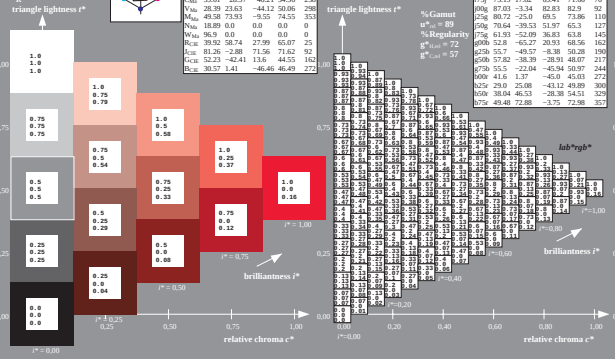
	L^*	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Mu}	48.75	65.07	39.43	76.08	31
Y_{Mu}	90.92	−10.28	87.24	87.85	97
L_{Mu}	52.69	−65.43	20.75	68.65	162
C_{Mu}	59.61	−28.97	−46.21	54.56	238
V_{Mu}	28.39	23.63	−44.12	50.06	298
M_{Mu}	49.58	73.93	−9.55	74.55	353
N_{Mu}	18.89	0.0	0.0	0.0	0
W_{Mu}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Gamut $u^*_{a,t} = 89$
%Regularity $g^*_{H,cel} = 72$
$g^*_{C,cel} = 57$



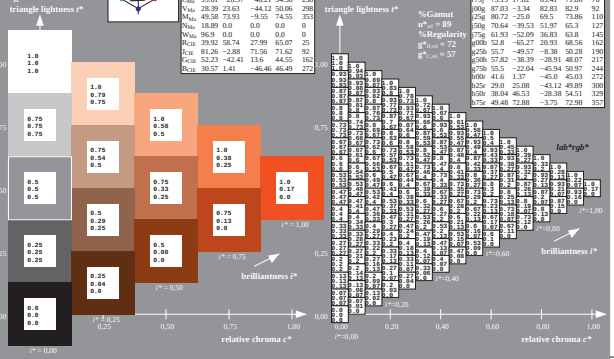
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$ $u^* = r00j$ *lab*rgb**
data for any colour:
*lab*rch** and *lab*icu**
elementary hue text:
$u^* = r00j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness i^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 49 46 32
*LAB*LCH**$_{Ma}$: 49 74 25
*lab*rgb**$_{Ma}$: 1.0 0.0 0.0
*lab*ob**$_{Ma}$: 1.0 0.0 0.16



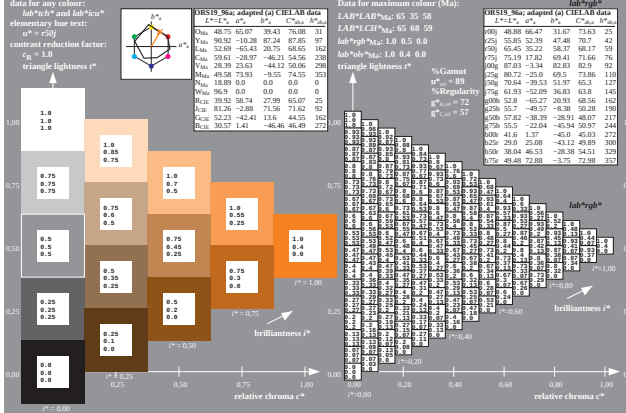
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$ $u^* = r25j$ *lab*rgb**
data for any colour:
*lab*rch** and *lab*icu**
elementary hue text:
$u^* = r25j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness i^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 52 47
*LAB*LCH**$_{Ma}$: 56 71 42
*lab*rgb**$_{Ma}$: 1.0 0.25 0.0
*lab*ob**$_{Ma}$: 1.0 0.17 0.0



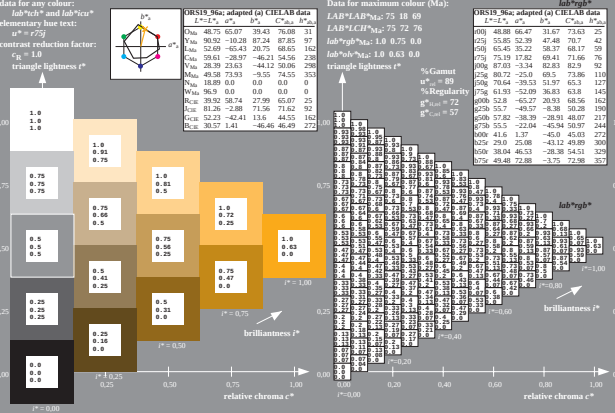
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ $u^* = r50j$ *lab*rgb**
data for any colour:
*lab*rch** and *lab*icu**
elementary hue text:
$u^* = r50j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness i^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 65 35 58
*LAB*LCH**$_{Ma}$: 65 68 59
*lab*rgb**$_{Ma}$: 1.0 0.5 0.0
*lab*ob**$_{Ma}$: 1.0 0.4 0.0



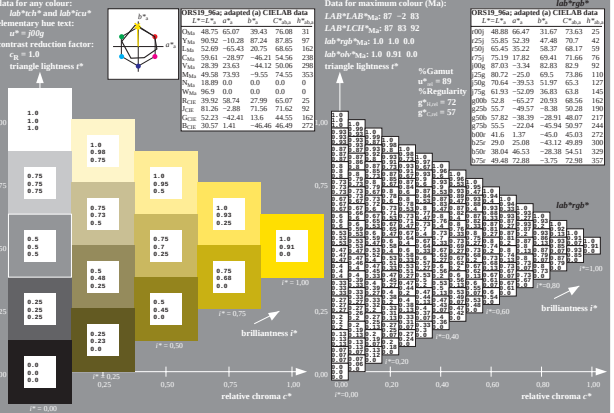
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$ $u^* = r75j$ *lab*rgb**
data for any colour:
*lab*rch** and *lab*icu**
elementary hue text:
$u^* = r75j$
contrast reduction factor:
$c_R = 1.0$
triangle lightness i^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 75 18 69
*LAB*LCH**$_{Ma}$: 75 72 76
*lab*rgb**$_{Ma}$: 1.0 0.75 0.0
*lab*ob**$_{Ma}$: 1.0 0.63 0.0



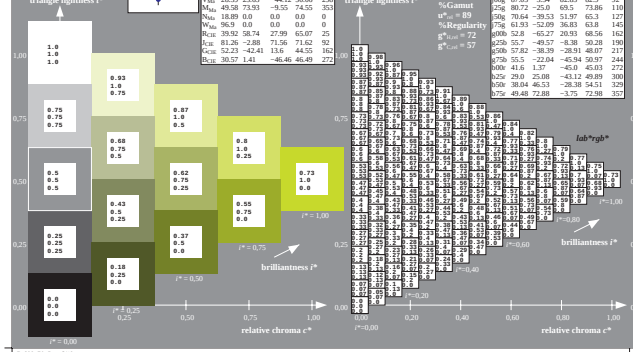
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$ $u^* = j00g$ *lab*rgb**
data for any colour:
*lab*rch** and *lab*icu**
elementary hue text:
$u^* = j00g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness i^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 87 −2 83
*LAB*LCH**$_{Ma}$: 87 83 92
*lab*rgb**$_{Ma}$: 1.0 0.91 0.0
*lab*ob**$_{Ma}$: 1.0 0.91 0.0



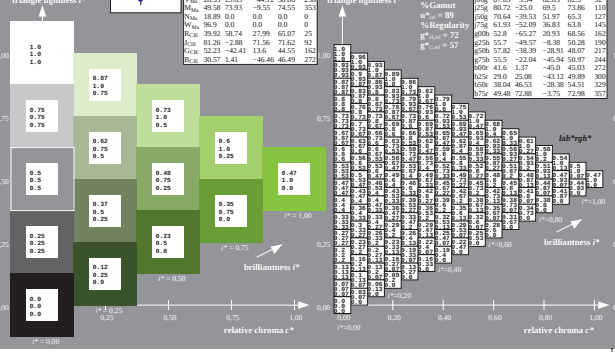
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ $u^* = j25g$ *lab*rgb**
data for any colour:
*lab*rch** and *lab*icu**
elementary hue text:
$u^* = j25g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness i^*

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 81 −24 69
*LAB*LCH**$_{Ma}$: 81 74 110
*lab*rgb**$_{Ma}$: 0.75 1.0 0.0
*lab*ob**$_{Ma}$: 0.73 1.0 0.0



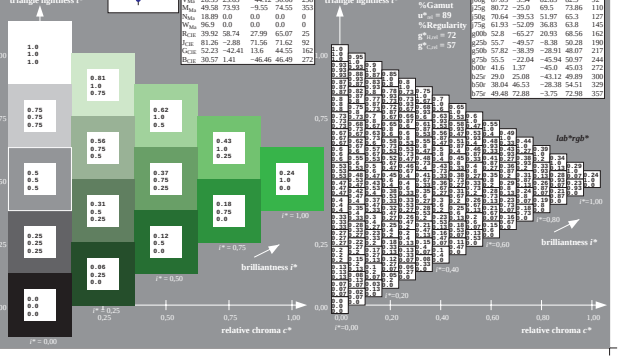
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ $u^* = j50g$ *lab*rgb**
data for any colour:
*lab*rch** and *lab*icu**
elementary hue text:
$u^* = j50g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness i^*

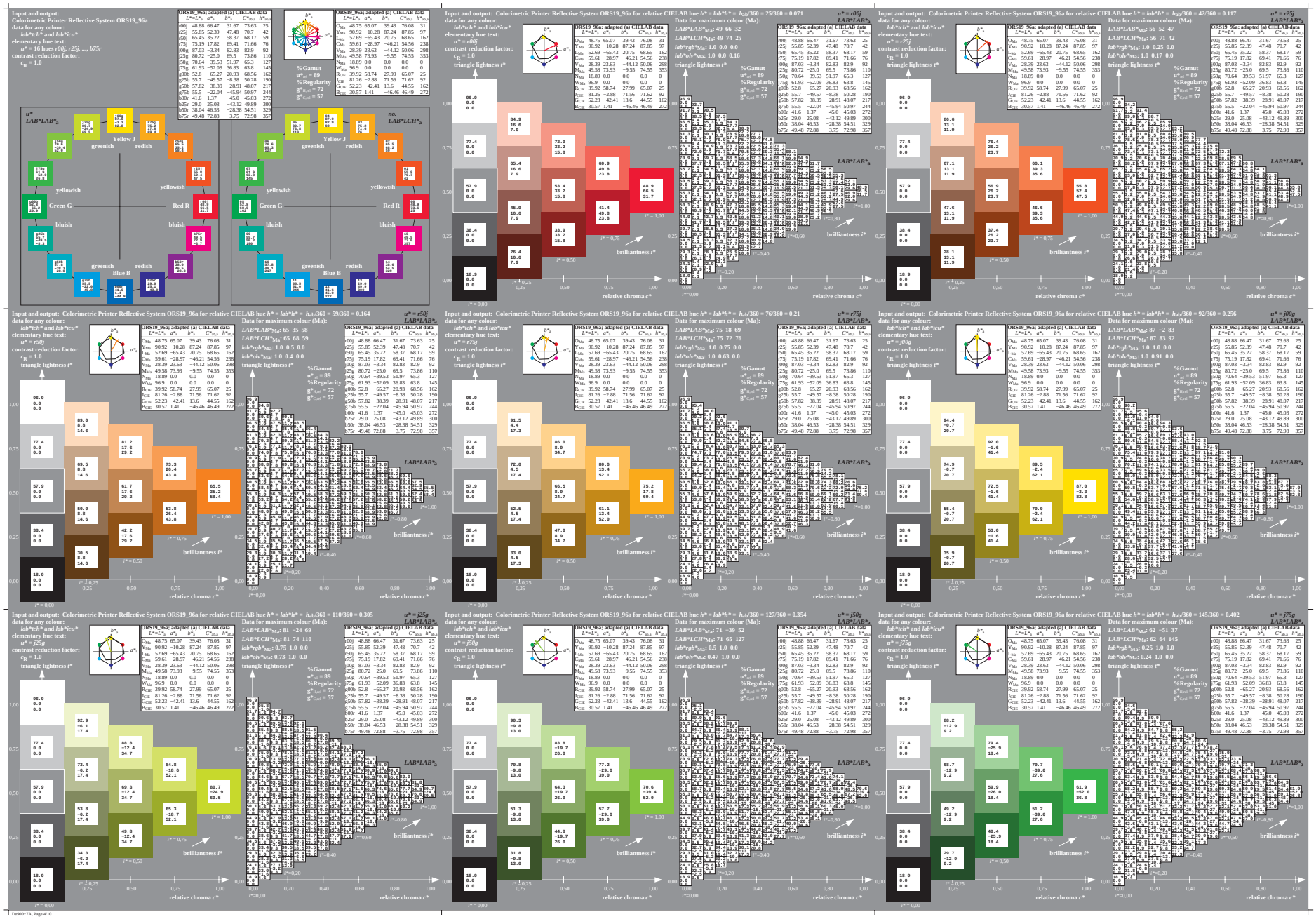
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 71 −39 52
*LAB*LCH**$_{Ma}$: 71 65 127
*lab*rgb**$_{Ma}$: 0.5 1.0 0.0
*lab*ob**$_{Ma}$: 0.47 1.0 0.0

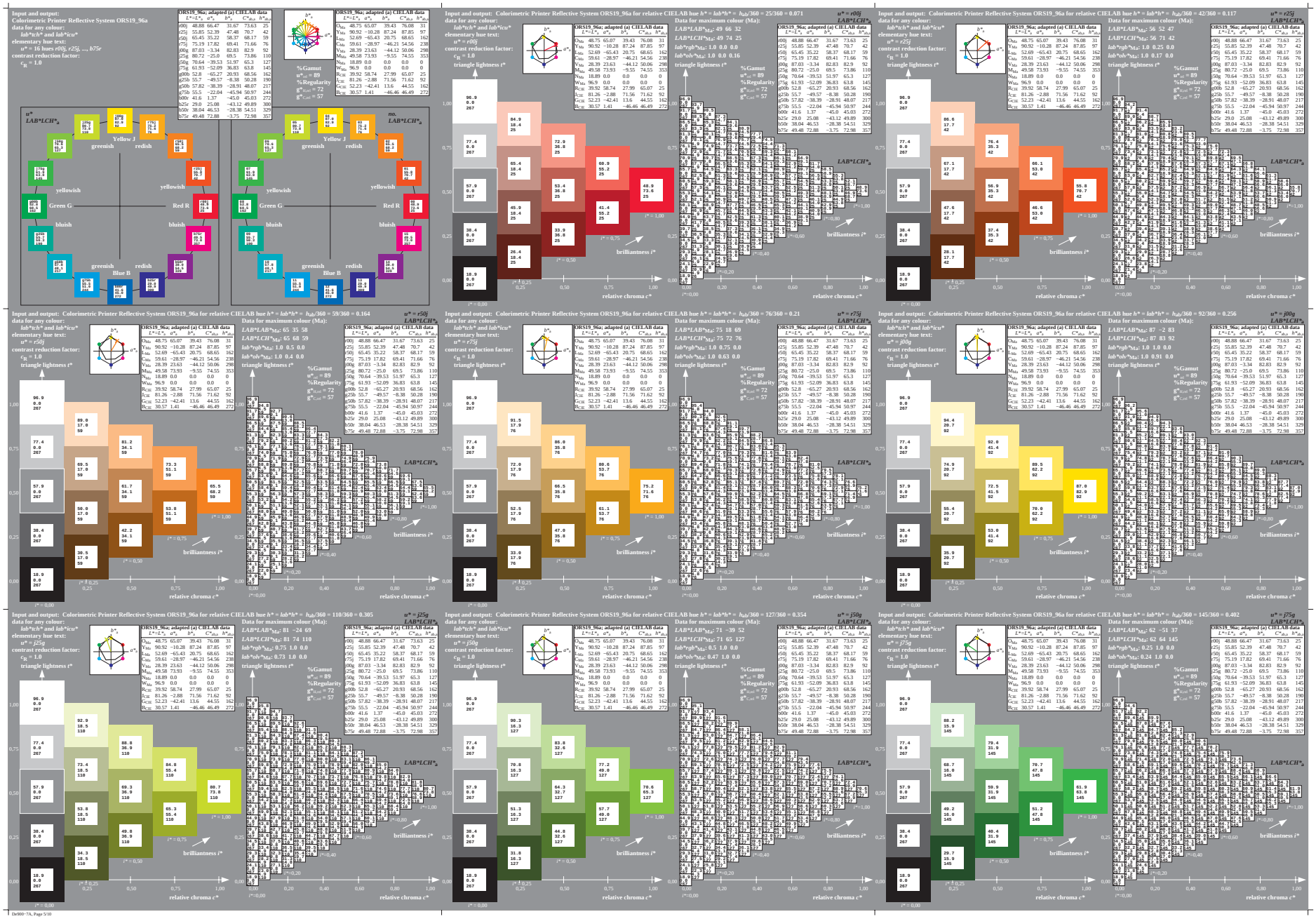


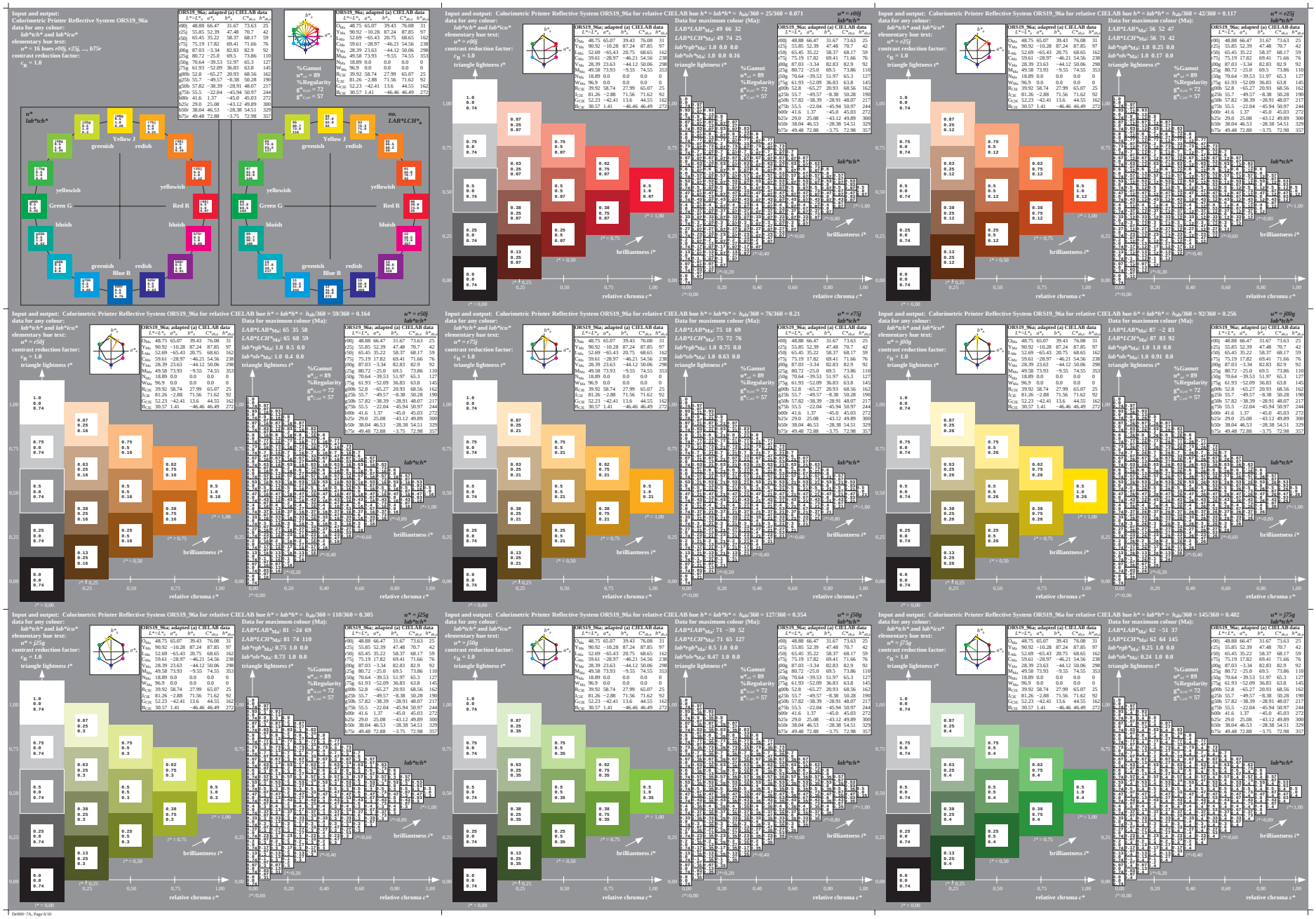
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ $u^* = j75g$ *lab*rgb**
data for any colour:
*lab*rch** and *lab*icu**
elementary hue text:
$u^* = j75g$
contrast reduction factor:
$c_R = 1.0$
triangle lightness i^*

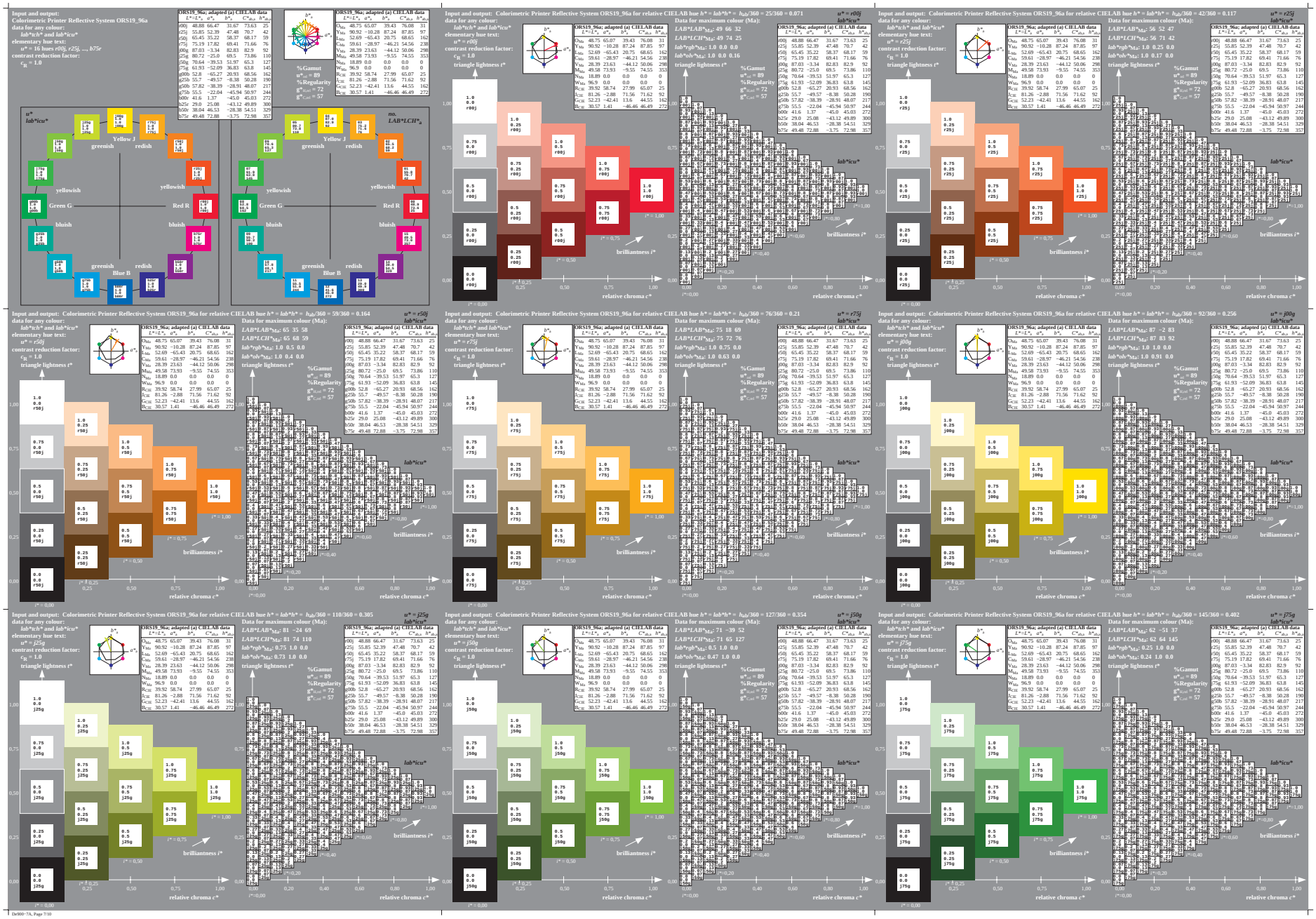
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 −51 37
*LAB*LCH**$_{Ma}$: 62 64 145
*lab*rgb**$_{Ma}$: 0.25 1.0 0.0
*lab*ob**$_{Ma}$: 0.24 1.0 0.0

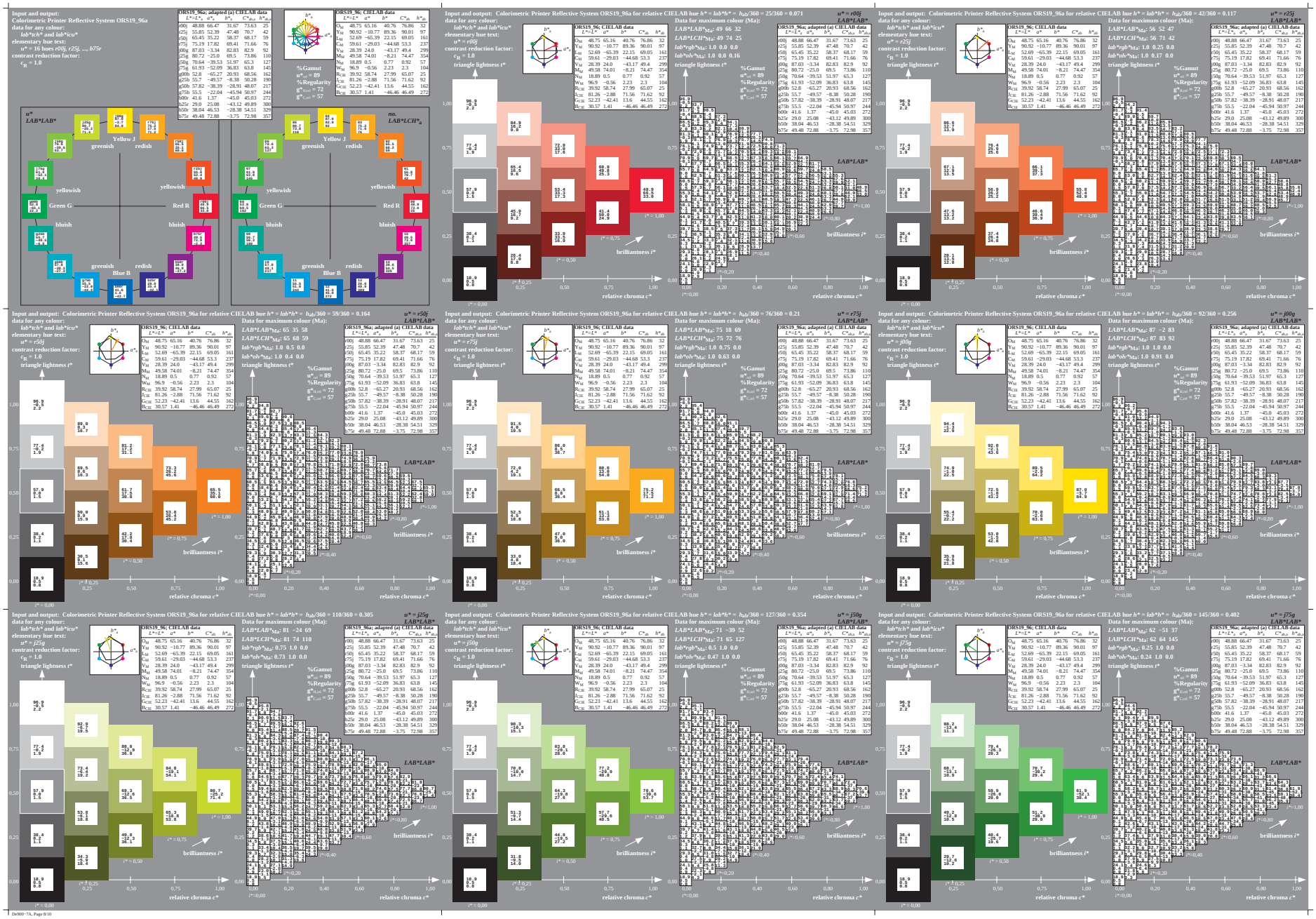


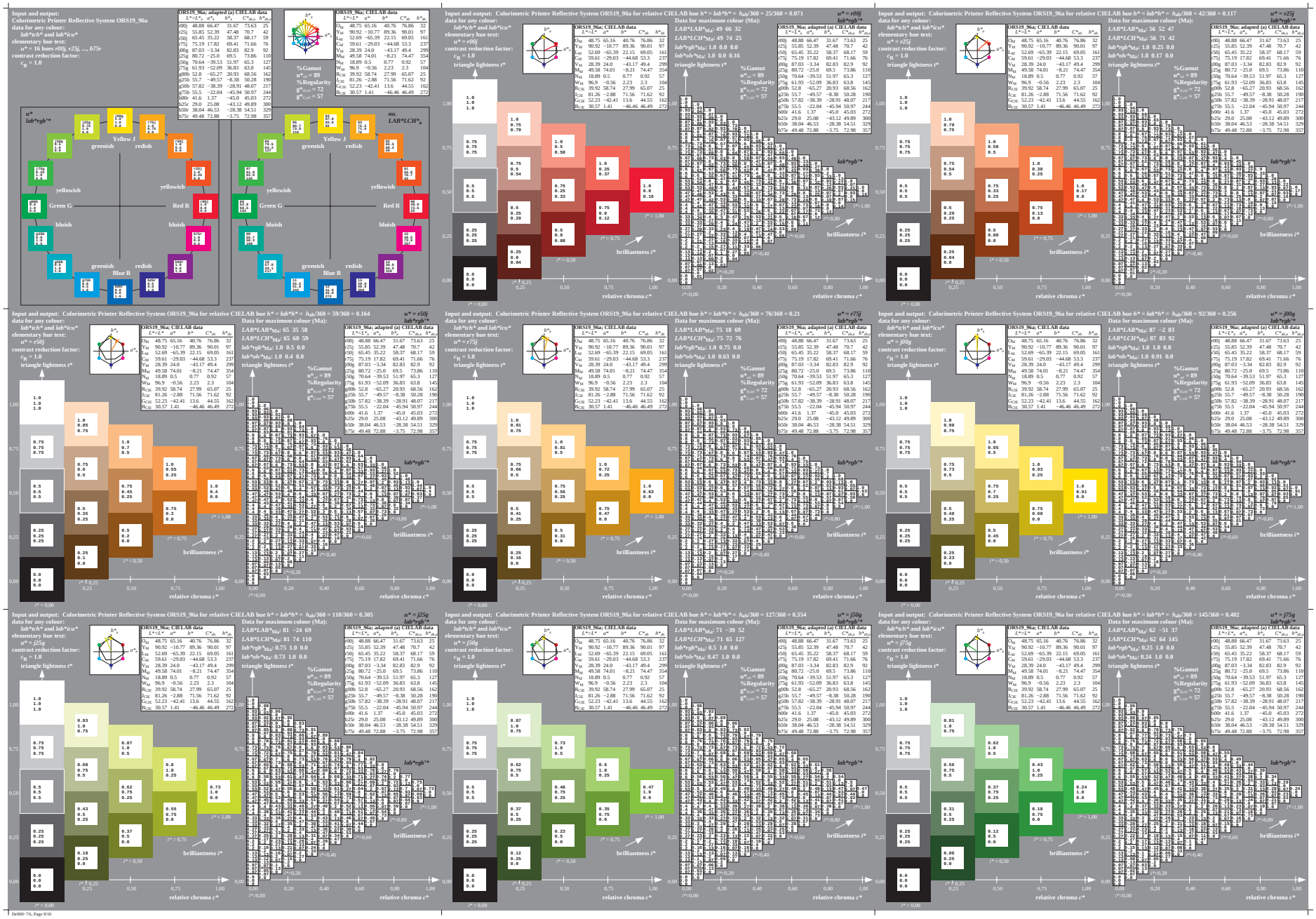

Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
cR = 1.0
ORS19_96a: adapted (a) CIELAB data
%Gamut
u*cut = 72
g*cut = 57
u* LAB*LAB*a
no. LAB*LCH*h
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
Blue B
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 25/360 = 0.071
u* = r00j
Data for maximum colour (Ma):
LAB*LAB*Ma: 49 66 32
LAB*LCH*Ma: 49 74 25
lab*rgb*Ma: 1.0 0.0 0.0
lab*ob*Ma: 1.0 0.0 0.16
%Gamut
u*cut = 89
%Regularity
g*cut = 72
g*Cut = 57
LAB*LAB*a
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 42/360 = 0.117
u* = r25j
Data for maximum colour (Ma):
LAB*LAB*Ma: 56 52 47
LAB*LCH*Ma: 56 71 42
lab*rgb*Ma: 1.0 0.25 0.0
lab*ob*Ma: 1.0 0.17 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 59/360 = 0.164
u* = r50j
Data for maximum colour (Ma):
LAB*LAB*Ma: 65 35 58
LAB*LCH*Ma: 65 68 59
lab*rgb*Ma: 1.0 0.5 0.0
lab*ob*Ma: 1.0 0.4 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 76/360 = 0.21
u* = r75j
Data for maximum colour (Ma):
LAB*LAB*Ma: 75 18 69
LAB*LCH*Ma: 75 72 76
lab*rgb*Ma: 1.0 0.75 0.0
lab*ob*Ma: 1.0 0.63 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 92/360 = 0.256
u* = j00g
Data for maximum colour (Ma):
LAB*LAB*Ma: 87 -2 83
LAB*LCH*Ma: 87 83 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 ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 110/360 = 0.305
u* = j25g
Data for maximum colour (Ma):
LAB*LAB*Ma: 81 -24 69
LAB*LCH*Ma: 81 74 110
lab*rgb*Ma: 0.75 1.0 0.0
lab*ob*Ma: 0.73 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 127/360 = 0.354
u* = j50g
Data for maximum colour (Ma):
LAB*LAB*Ma: 71 -39 52
LAB*LCH*Ma: 71 65 127
lab*rgb*Ma: 0.5 1.0 0.0
lab*ob*Ma: 0.47 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 145/360 = 0.402
u* = j75g
Data for maximum colour (Ma):
LAB*LAB*Ma: 62 -51 37
LAB*LCH*Ma: 62 64 145
lab*rgb*Ma: 0.25 1.0 0.0
lab*ob*Ma: 0.24 1.0 0.0

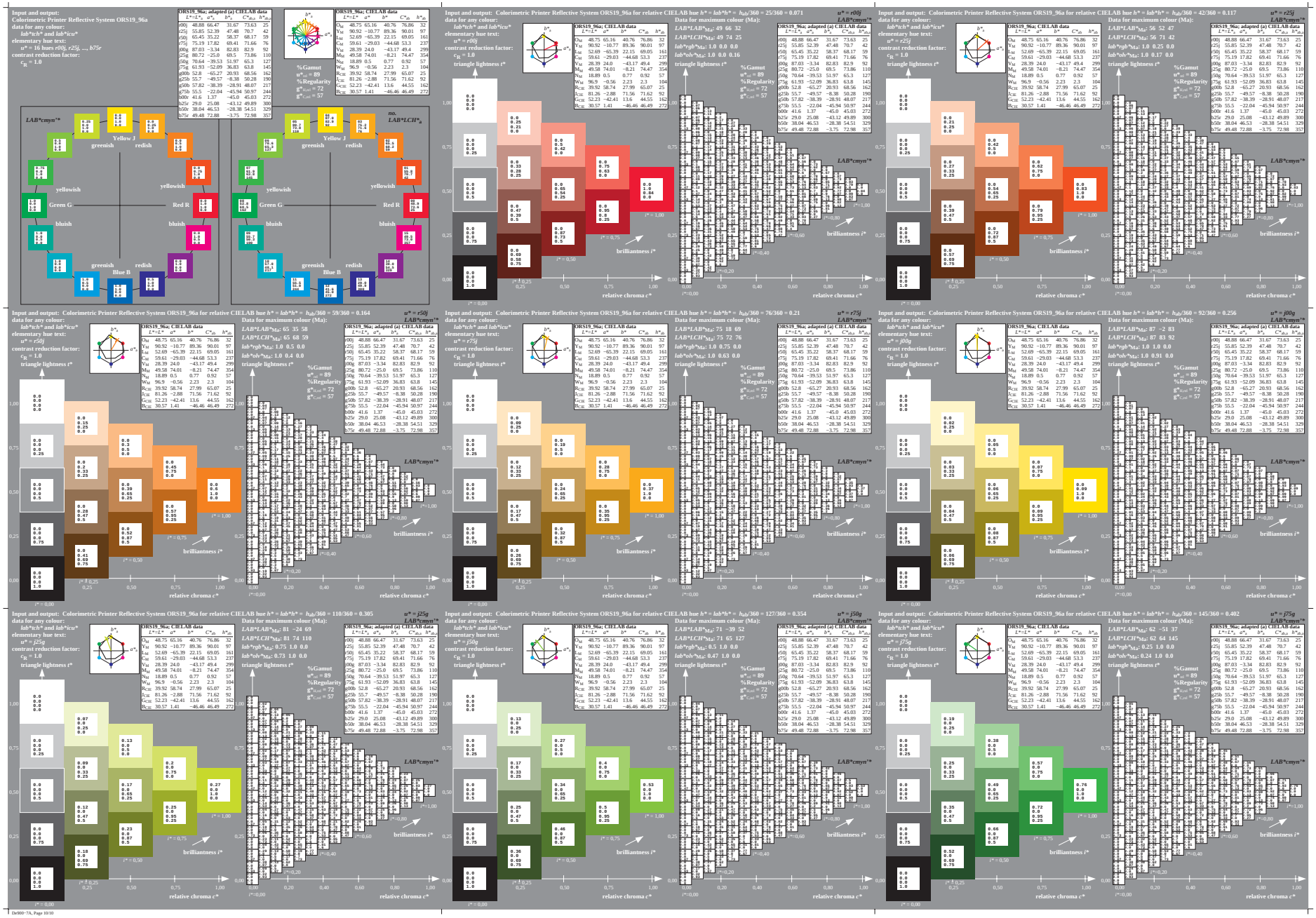

Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
cR = 1.0
ORS19_96a: adapted (a) CIELAB data
%Gamut
u*cut = 89
%Regularity
g*cut = 72
g*Cut = 57
u* LAB*LCH*a
no. LAB*LCH*a
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
Blue B
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 25/360 = 0.071
u* = r00j
LAB*LCH*a
LAB*LAB*Ma: 49 66 32
LAB*LCH*Ma: 49 74 25
lab*rgb*Ma: 1.0 0.0 0.0
lab*oh*Ma: 1.0 0.0 0.16
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 42/360 = 0.117
u* = r25j
LAB*LAB*Ma: 56 52 47
LAB*LCH*Ma: 56 71 42
lab*rgb*Ma: 1.0 0.25 0.0
lab*oh*Ma: 1.0 0.17 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 59/360 = 0.164
u* = r50j
LAB*LAB*Ma: 65 35 58
LAB*LCH*Ma: 65 68 59
lab*rgb*Ma: 1.0 0.5 0.0
lab*oh*Ma: 1.0 0.4 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 76/360 = 0.21
u* = r75j
LAB*LAB*Ma: 75 18 69
LAB*LCH*Ma: 75 72 76
lab*rgb*Ma: 1.0 0.75 0.0
lab*oh*Ma: 1.0 0.63 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 92/360 = 0.256
u* = j00g
LAB*LAB*Ma: 87 -2 83
LAB*LCH*Ma: 87 83 92
lab*rgb*Ma: 1.0 1.0 0.0
lab*oh*Ma: 1.0 0.91 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 110/360 = 0.305
u* = j25g
LAB*LAB*Ma: 81 -24 69
LAB*LCH*Ma: 81 74 110
lab*rgb*Ma: 0.75 1.0 0.0
lab*oh*Ma: 0.73 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 127/360 = 0.354
u* = j50g
LAB*LAB*Ma: 71 -39 52
LAB*LCH*Ma: 71 65 127
lab*rgb*Ma: 0.5 1.0 0.0
lab*oh*Ma: 0.47 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 145/360 = 0.402
u* = j75g
LAB*LAB*Ma: 62 -51 37
LAB*LCH*Ma: 62 64 145
lab*rgb*Ma: 0.25 1.0 0.0
lab*oh*Ma: 0.24 1.0 0.0
relative chroma c*
brilliantness i*


Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
cR = 1.0
ORS19_96a: adapted (a) CIELAB data
u*
lab*tch*
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
Blue B
no. LAB*LCH*a
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 25/360 = 0.071
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 42/360 = 0.117
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 59/360 = 0.164
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 76/360 = 0.21
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 92/360 = 0.256
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 110/360 = 0.305
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 127/360 = 0.354
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 145/360 = 0.402
Data for maximum colour (Ma):
%Gamut
%Regularity
lab*tch*
brilliantness i*
relative chroma c*


Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
rR = 1.0
ORS19_96a: adapted (a) CIELAB data
%Gamut
u*ref = 89
%Regularity
g*ref = 72
g*Cref = 57
u* lab*icu*
no. LAB*Ha
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
Blue B
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 25/360 = 0.071
u* = r00j
lab*icu*
Data for maximum colour (Ma):
LAB*LAB*Ma: 49 66 32
LAB*LCH*Ma: 49 74 25
lab*rgb*Ma: 1.0 0.0 0.0
lab*oh*Ma: 1.0 0.0 0.16
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 42/360 = 0.117
u* = r25j
lab*icu*
Data for maximum colour (Ma):
LAB*LAB*Ma: 56 52 47
LAB*LCH*Ma: 56 71 42
lab*rgb*Ma: 1.0 0.25 0.0
lab*oh*Ma: 1.0 0.17 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 59/360 = 0.164
u* = r50j
lab*icu*
Data for maximum colour (Ma):
LAB*LAB*Ma: 65 35 58
LAB*LCH*Ma: 65 68 59
lab*rgb*Ma: 1.0 0.5 0.0
lab*oh*Ma: 1.0 0.4 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 76/360 = 0.21
u* = r75j
lab*icu*
Data for maximum colour (Ma):
LAB*LAB*Ma: 75 18 69
LAB*LCH*Ma: 75 72 76
lab*rgb*Ma: 1.0 0.75 0.0
lab*oh*Ma: 1.0 0.63 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 92/360 = 0.256
u* = j00g
lab*icu*
Data for maximum colour (Ma):
LAB*LAB*Ma: 87 -2 83
LAB*LCH*Ma: 87 83 92
lab*rgb*Ma: 1.0 1.0 0.0
lab*oh*Ma: 1.0 0.91 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 110/360 = 0.305
u* = j25g
lab*icu*
Data for maximum colour (Ma):
LAB*LAB*Ma: 81 -24 69
LAB*LCH*Ma: 81 74 110
lab*rgb*Ma: 0.75 1.0 0.0
lab*oh*Ma: 0.73 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 127/360 = 0.354
u* = j50g
lab*icu*
Data for maximum colour (Ma):
LAB*LAB*Ma: 71 -39 52
LAB*LCH*Ma: 71 65 127
lab*rgb*Ma: 0.5 1.0 0.0
lab*oh*Ma: 0.47 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 145/360 = 0.402
u* = j75g
lab*icu*
Data for maximum colour (Ma):
LAB*LAB*Ma: 62 -51 37
LAB*LCH*Ma: 62 64 145
lab*rgb*Ma: 0.25 1.0 0.0
lab*oh*Ma: 0.24 1.0 0.0
relative chroma c*
brilliantness i*


Input and output: Colorimetric Printer Reflective System ORS19_96a
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
ORS19_96a: adapted (a) CIELAB data
ORS19_96c CIELAB data
%Gamut
u*_ref = 89
%Regularity
g*_H,ref = 72
g*_C,ref = 57
u* LAB*LAB*
no. LAB*LCH*_a
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
Blue B
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = h_ab/360 = 25/360 = 0.071
u* = r00j
LAB*LAB*
LAB*LCH*_M,a: 49 66 32
lab*rgb*_M,a: 1.0 0.0 0.0
lab*tch*_M,a: 1.0 0.0 0.16
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = h_ab/360 = 42/360 = 0.117
u* = r25j
LAB*LAB*
LAB*LCH*_M,a: 56 52 47
lab*rgb*_M,a: 1.0 0.25 0.0
lab*tch*_M,a: 1.0 0.17 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = h_ab/360 = 59/360 = 0.164
u* = r50j
LAB*LAB*
LAB*LCH*_M,a: 65 35 58
lab*rgb*_M,a: 1.0 0.4 0.0
lab*tch*_M,a: 1.0 0.5 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = h_ab/360 = 76/360 = 0.21
u* = r75j
LAB*LAB*
LAB*LCH*_M,a: 75 18 69
lab*rgb*_M,a: 1.0 0.75 0.0
lab*tch*_M,a: 1.0 0.63 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = h_ab/360 = 92/360 = 0.256
u* = j00g
LAB*LAB*
LAB*LCH*_M,a: 87 -2 83
lab*rgb*_M,a: 1.0 1.0 0.0
lab*tch*_M,a: 1.0 0.91 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = h_ab/360 = 110/360 = 0.305
u* = j25g
LAB*LAB*
LAB*LCH*_M,a: 81 -24 69
lab*rgb*_M,a: 0.75 1.0 0.0
lab*tch*_M,a: 0.73 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = h_ab/360 = 127/360 = 0.354
u* = j50g
LAB*LAB*
LAB*LCH*_M,a: 71 -39 52
lab*rgb*_M,a: 0.5 1.0 0.0
lab*tch*_M,a: 0.47 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = h_ab/360 = 145/360 = 0.402
u* = j75g
LAB*LAB*
LAB*LCH*_M,a: 62 -51 37
lab*rgb*_M,a: 0.25 1.0 0.0
lab*tch*_M,a: 0.24 1.0 0.0
relative chroma c*
brilliantness i*


Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
cR = 1.0
ORS19_96a: adapted (a) CIELAB data
ORS19_96a: CIELAB data
%Gamut
u*ab = 89
%Regularity
g*u,cel = 72
g*c,cel = 57
u*
lab*rgb'*
no.
LAB*LCH*ab
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
Blue B
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 25/360 = 0.071
u* = r00j
lab*rgb'*
LAB*LAB*ab: 49 66 32
LAB*LCH*ab: 49 74 25
lab*rgb*ab: 1.0 0.0 0.0
lab*rgb'*ab: 1.0 0.0 0.16
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 42/360 = 0.117
u* = r25j
lab*rgb'*
LAB*LAB*ab: 56 52 47
LAB*LCH*ab: 56 71 42
lab*rgb*ab: 1.0 0.25 0.0
lab*rgb'*ab: 1.0 0.17 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 59/360 = 0.164
u* = r50j
lab*rgb'*
LAB*LAB*ab: 65 35 58
LAB*LCH*ab: 65 68 59
lab*rgb*ab: 1.0 0.5 0.0
lab*rgb'*ab: 1.0 0.4 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 76/360 = 0.21
u* = r75j
lab*rgb'*
LAB*LAB*ab: 75 18 69
LAB*LCH*ab: 75 72 76
lab*rgb*ab: 1.0 0.75 0.0
lab*rgb'*ab: 1.0 0.63 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 92/360 = 0.256
u* = j00g
lab*rgb'*
LAB*LAB*ab: 87 -2 83
LAB*LCH*ab: 87 83 92
lab*rgb*ab: 1.0 1.0 0.0
lab*rgb'*ab: 1.0 0.91 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 110/360 = 0.305
u* = j25g
lab*rgb'*
LAB*LAB*ab: 81 -24 69
LAB*LCH*ab: 81 74 110
lab*rgb*ab: 0.75 1.0 0.0
lab*rgb'*ab: 0.73 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 127/360 = 0.354
u* = j50g
lab*rgb'*
LAB*LAB*ab: 71 -39 52
LAB*LCH*ab: 71 65 127
lab*rgb*ab: 0.5 1.0 0.0
lab*rgb'*ab: 0.47 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 145/360 = 0.402
u* = j75g
lab*rgb'*
LAB*LAB*ab: 62 -51 37
LAB*LCH*ab: 62 64 145
lab*rgb*ab: 0.25 1.0 0.0
lab*rgb'*ab: 0.24 1.0 0.0
relative chroma c*
brilliantness i*


Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
lab*tch* and lab*icu*
elementary hue text:
u* = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
cR = 1.0
ORS19_96a: adapted (a) CIELAB data
ORS19_96a: CIELAB data
%Gamut
u*ₘₐₓ = 89
%Regularity
g*L,cut = 72
g*C,cut = 57
LAB*cmyn'*
LAB*CIELCH*a
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
Blue B
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 25/360 = 0.071
u* = r00j
Data for maximum colour (Ma):
LAB*LAB*Ma: 49 66 32
LAB*LCH*Ma: 49 74 25
lab*rgb*Ma: 1.0 0.0 0.0
lab*oh*Ma: 1.0 0.0 0.16
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 42/360 = 0.117
u* = r25j
Data for maximum colour (Ma):
LAB*LAB*Ma: 56 52 47
LAB*LCH*Ma: 56 71 42
lab*rgb*Ma: 1.0 0.25 0.0
lab*oh*Ma: 1.0 0.17 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 59/360 = 0.164
u* = r50j
Data for maximum colour (Ma):
LAB*LAB*Ma: 65 35 58
LAB*LCH*Ma: 65 68 59
lab*rgb*Ma: 1.0 0.5 0.0
lab*oh*Ma: 1.0 0.4 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 76/360 = 0.21
u* = r75j
Data for maximum colour (Ma):
LAB*LAB*Ma: 75 18 69
LAB*LCH*Ma: 75 72 76
lab*rgb*Ma: 1.0 0.75 0.0
lab*oh*Ma: 1.0 0.63 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 92/360 = 0.256
u* = j00g
Data for maximum colour (Ma):
LAB*LAB*Ma: 87 -2 83
LAB*LCH*Ma: 87 83 92
lab*rgb*Ma: 1.0 1.0 0.0
lab*oh*Ma: 1.0 0.91 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 110/360 = 0.305
u* = j25g
Data for maximum colour (Ma):
LAB*LAB*Ma: 81 -24 69
LAB*LCH*Ma: 81 74 110
lab*rgb*Ma: 0.75 1.0 0.0
lab*oh*Ma: 0.73 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 127/360 = 0.354
u* = j50g
Data for maximum colour (Ma):
LAB*LAB*Ma: 71 -39 52
LAB*LCH*Ma: 71 65 127
lab*rgb*Ma: 0.5 1.0 0.0
lab*oh*Ma: 0.47 1.0 0.0
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue h* = lab*h* = hab/360 = 145/360 = 0.402
u* = j75g
Data for maximum colour (Ma):
LAB*LAB*Ma: 62 -51 37
LAB*LCH*Ma: 62 64 145
lab*rgb*Ma: 0.25 1.0 0.0
lab*oh*Ma: 0.24 1.0 0.0
relative chroma c*
brilliantness i*