

Input and output:
Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u^*_d and number no. = 00...15
device hue text:
 $u^*_d = 16$ hues 00y, 025y, ..., m50
contrast reduction factor:
 $c_R = 1.0$

ORS19_96a, adapted (a) CIELAB data

L^*	a^*	b^*	C_{ab}	h_{ab}	u^*_d
48.75	65.07	39.43	76.08	31	00y
59.04	46.67	51.1	69.21	48	025y
68.32	30.09	61.62	68.58	64	057y
78.23	12.39	72.85	73.9	80	081y
90.92	-10.29	87.24	87.85	97	096y
78.57	-28.11	65.75	71.51	113	129y
69.46	-41.25	49.92	64.75	130	153y
61.32	-52.99	35.76	63.92	146	176y
52.69	-65.44	20.75	68.65	162	200y
56.55	-65.12	-16.57	48.07	200	g46b
59.61	-28.98	-46.22	54.56	238	g60b
43.33	-1.54	-45.13	45.16	268	g90b
28.39	23.63	-44.13	50.06	298	g29b
36.9	43.84	-30.24	53.26	325	h47r
49.58	73.93	-9.56	74.55	353	h71r
49.17	69.55	14.68	71.08	12	h88r

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$



ORS19_96a, adapted (a) CIELAB data

L^*	a^*	b^*	C_{ab}	h_{ab}	u^*_d
48.75	65.07	39.43	76.08	31	00y
59.04	46.67	51.1	69.21	48	025y
68.32	30.09	61.62	68.58	64	057y
78.23	12.39	72.85	73.9	80	081y
90.92	-10.29	87.24	87.85	97	096y
78.57	-28.11	65.75	71.51	113	129y
69.46	-41.25	49.92	64.75	130	153y
61.32	-52.99	35.76	63.92	146	176y
52.69	-65.44	20.75	68.65	162	200y
56.55	-65.12	-16.57	48.07	200	g46b
59.61	-28.98	-46.22	54.56	238	g60b
43.33	-1.54	-45.13	45.16	268	g90b
28.39	23.63	-44.13	50.06	298	g29b
36.9	43.84	-30.24	53.26	325	h47r
49.58	73.93	-9.56	74.55	353	h71r
49.17	69.55	14.68	71.08	12	h88r

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.087$

data for any colour:
 lab^*h^* and lab^*u^*
Hue texts:
 $u^*_d = 00y$ $u^*_r = r08$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



ORS19_96a, adapted (a) CIELAB data

L^*	a^*	b^*	C_{ab}	h_{ab}	u^*_d
48.75	65.07	39.43	76.08	31	00y
59.04	46.67	51.1	69.21	48	025y
68.32	30.09	61.62	68.58	64	057y
78.23	12.39	72.85	73.9	80	081y
90.92	-10.29	87.24	87.85	97	096y
78.57	-28.11	65.75	71.51	113	129y
69.46	-41.25	49.92	64.75	130	153y
61.32	-52.99	35.76	63.92	146	176y
52.69	-65.44	20.75	68.65	162	200y
56.55	-65.12	-16.57	48.07	200	g46b
59.61	-28.98	-46.22	54.56	238	g60b
43.33	-1.54	-45.13	45.16	268	g90b
28.39	23.63	-44.13	50.06	298	g29b
36.9	43.84	-30.24	53.26	325	h47r
49.58	73.93	-9.56	74.55	353	h71r
49.17	69.55	14.68	71.08	12	h88r

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

Data for maximum colour (Ma):
LAB*LAB*Ma: 49 65 39
LAB*LCH*Ma: 49 76 31
lab*lab*Ma: 1.0 0.0 0.0
lab*rgb*Ma: 1.0 0.09 0.0
triangle lightness l^*

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

$u^*_d = 00y$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.132$

data for any colour:
 lab^*h^* and lab^*u^*
Hue texts:
 $u^*_d = 025y$ $u^*_r = r33$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



ORS19_96a, adapted (a) CIELAB data

L^*	a^*	b^*	C_{ab}	h_{ab}	u^*_d
48.75	65.07	39.43	76.08	31	00y
59.04	46.67	51.1	69.21	48	025y
68.32	30.09	61.62	68.58	64	057y
78.23	12.39	72.85	73.9	80	081y
90.92	-10.29	87.24	87.85	97	096y
78.57	-28.11	65.75	71.51	113	129y
69.46	-41.25	49.92	64.75	130	153y
61.32	-52.99	35.76	63.92	146	176y
52.69	-65.44	20.75	68.65	162	200y
56.55	-65.12	-16.57	48.07	200	g46b
59.61	-28.98	-46.22	54.56	238	g60b
43.33	-1.54	-45.13	45.16	268	g90b
28.39	23.63	-44.13	50.06	298	g29b
36.9	43.84	-30.24	53.26	325	h47r
49.58	73.93	-9.56	74.55	353	h71r
49.17	69.55	14.68	71.08	12	h88r

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

Data for maximum colour (Ma):
LAB*LAB*Ma: 59 47 51
LAB*LCH*Ma: 59 69 47
lab*lab*Ma: 1.0 0.25 0.0
lab*rgb*Ma: 1.0 0.33 0.0
triangle lightness l^*

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

$u^*_d = 025y$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.178$

data for any colour:
 lab^*h^* and lab^*u^*
Hue texts:
 $u^*_d = 050y$ $u^*_r = r57$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



ORS19_96a, adapted (a) CIELAB data

L^*	a^*	b^*	C_{ab}	h_{ab}	u^*_d
48.75	65.07	39.43	76.08	31	00y
59.04	46.67	51.1	69.21	48	025y
68.32	30.09	61.62	68.58	64	057y
78.23	12.39	72.85	73.9	80	081y
90.92	-10.29	87.24	87.85	97	096y
78.57	-28.11	65.75	71.51	113	129y
69.46	-41.25	49.92	64.75	130	153y
61.32	-52.99	35.76	63.92	146	176y
52.69	-65.44	20.75	68.65	162	200y
56.55	-65.12	-16.57	48.07	200	g46b
59.61	-28.98	-46.22	54.56	238	g60b
43.33	-1.54	-45.13	45.16	268	g90b
28.39	23.63	-44.13	50.06	298	g29b
36.9	43.84	-30.24	53.26	325	h47r
49.58	73.93	-9.56	74.55	353	h71r
49.17	69.55	14.68	71.08	12	h88r

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

Data for maximum colour (Ma):
LAB*LAB*Ma: 68 30 62
LAB*LCH*Ma: 68 60 63
lab*lab*Ma: 1.0 0.5 0.0
lab*rgb*Ma: 1.0 0.58 0.0
triangle lightness l^*

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.223$

data for any colour:
 lab^*h^* and lab^*u^*
Hue texts:
 $u^*_d = 075y$ $u^*_r = r81$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



ORS19_96a, adapted (a) CIELAB data

L^*	a^*	b^*	C_{ab}	h_{ab}	u^*_d
48.75	65.07	39.43	76.08	31	00y
59.04	46.67	51.1	69.21	48	025y
68.32	30.09	61.62	68.58	64	057y
78.23	12.39	72.85	73.9	80	081y
90.92	-10.29	87.24	87.85	97	096y
78.57	-28.11	65.75	71.51	113	129y
69.46	-41.25	49.92	64.75	130	153y
61.32	-52.99	35.76	63.92	146	176y
52.69	-65.44	20.75	68.65	162	200y
56.55	-65.12	-16.57	48.07	200	g46b
59.61	-28.98	-46.22	54.56	238	g60b
43.33	-1.54	-45.13	45.16	268	g90b
28.39	23.63	-44.13	50.06	298	g29b
36.9	43.84	-30.24	53.26	325	h47r
49.58	73.93	-9.56	74.55	353	h71r
49.17	69.55	14.68	71.08	12	h88r

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

Data for maximum colour (Ma):
LAB*LAB*Ma: 78 12 73
LAB*LCH*Ma: 78 74 80
lab*lab*Ma: 1.0 0.75 0.0
lab*rgb*Ma: 1.0 0.82 0.0
triangle lightness l^*

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.275y$

data for any colour:
 lab^*h^* and lab^*u^*
Hue texts:
 $u^*_d = 100y$ $u^*_r = r106$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



ORS19_96a, adapted (a) CIELAB data

L^*	a^*	b^*	C_{ab}	h_{ab}	u^*_d
48.75	65.07	39.43	76.08	31	00y
59.04	46.67	51.1	69.21	48	025y
68.32	30.09	61.62	68.58	64	057y
78.23	12.39	72.85	73.9	80	081y
90.92	-10.29	87.24	87.85	97	096y
78.57	-28.11	65.75	71.51	113	129y
69.46	-41.25	49.92	64.75	130	153y
61.32	-52.99	35.76	63.92	146	176y
52.69	-65.44	20.75	68.65	162	200y
56.55	-65.12	-16.57	48.07	200	g46b
59.61	-28.98	-46.22	54.56	238	g60b
43.33	-1.54	-45.13	45.16	268	g90b
28.39	23.63	-44.13	50.06	298	g29b
36.9	43.84	-30.24	53.26	325	h47r
49.58	73.93	-9.56	74.55	353	h71r
49.17	69.55	14.68	71.08	12	h88r

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

Data for maximum colour (Ma):
LAB*LAB*Ma: 91 10 87
LAB*LCH*Ma: 91 98 96
lab*lab*Ma: 1.0 1.0 0.0
lab*rgb*Ma: 0.94 1.0 0.0
triangle lightness l^*

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

$u^*_d = 100y$

Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.314$

data for any colour:
 lab^*h^* and lab^*u^*
Hue texts:
 $u^*_d = y25l$ $u^*_r = j29g$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



ORS19_96a, adapted (a) CIELAB data

L^*	a^*	b^*	C_{ab}	h_{ab}	u^*_d
48.75	65.07	39.43	76.08	31	00y
59.04	46.67	51.1	69.21	48	025y
68.32	30.09	61.62	68.58	64	057y
78.23	12.39	72.85	73.9	80	081y
90.92	-10.29	87.24	87.85	97	096y
78.57	-28.11	65.75	71.51	113	129y
69.46	-41.25	49.92	64.75	130	153y
61.32	-52.99	35.76	63.92	146	176y
52.69	-65.44	20.75	68.65	162	200y
56.55	-65.12	-16.57	48.07	200	g46b
59.61	-28.98	-46.22	54.56	238	g60b
43.33	-1.54	-45.13	45.16	268	g90b
28.39	23.63	-44.13	50.06	298	g29b
36.9	43.84	-30.24	53.26	325	h47r
49.58	73.93	-9.56	74.55	353	h71r
49.17	69.55	14.68	71.08	12	h88r

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

Data for maximum colour (Ma):
LAB*LAB*Ma: 79 28 66
LAB*LCH*Ma: 79 72 113
lab*lab*Ma: 0.75 1.0 0.0
lab*rgb*Ma: 0.7 1.0 0.0
triangle lightness l^*

%Gamut $u^*_d = 89$
%Regularity $R^*_{min} = 72$
 $R^*_{min} = 57$

Input and







