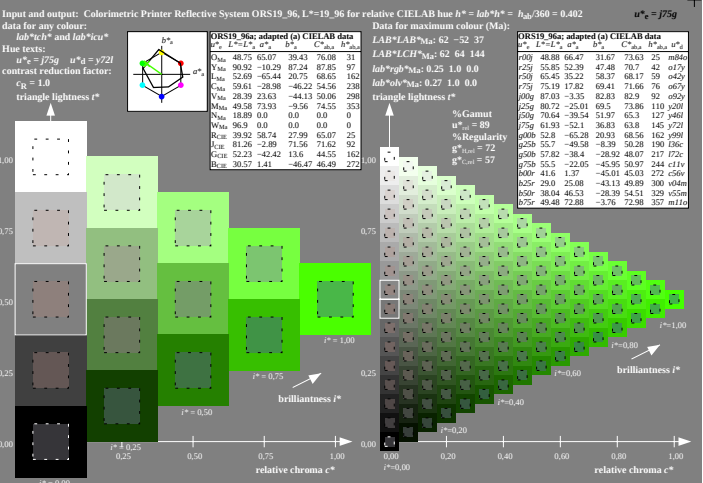
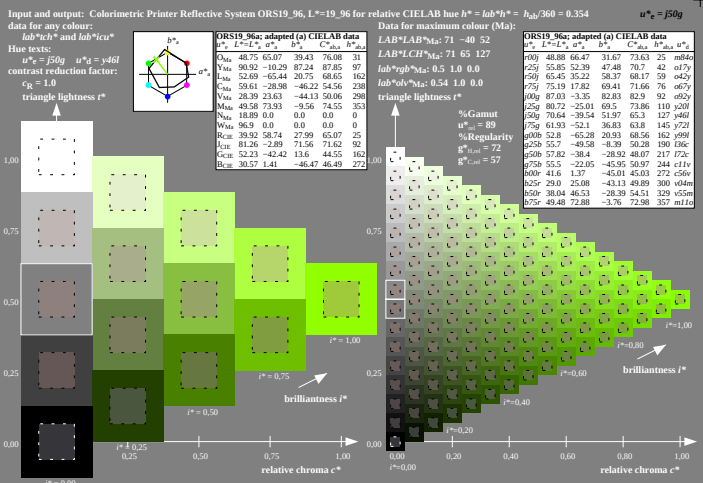
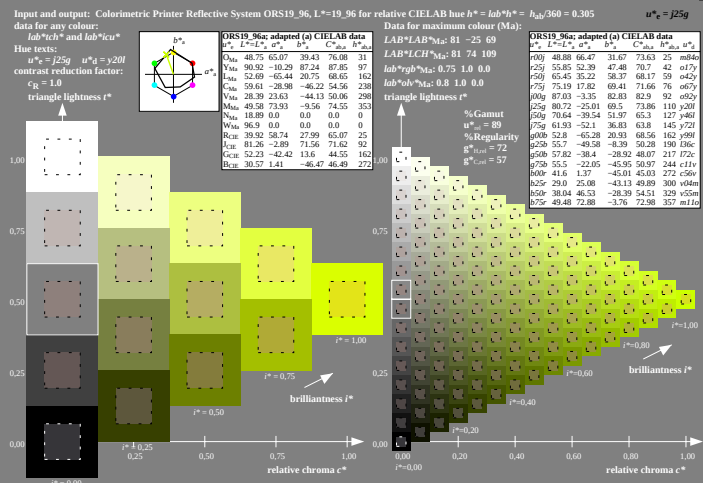
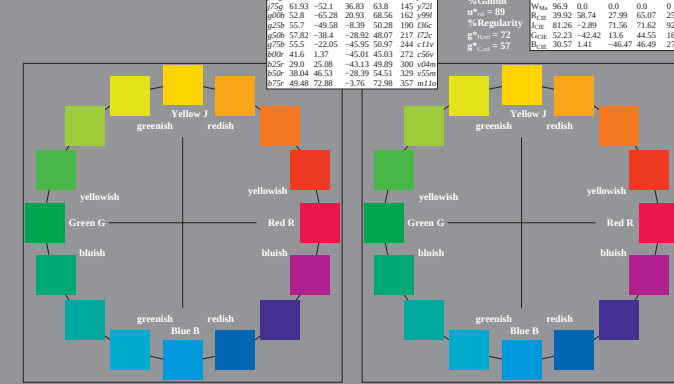
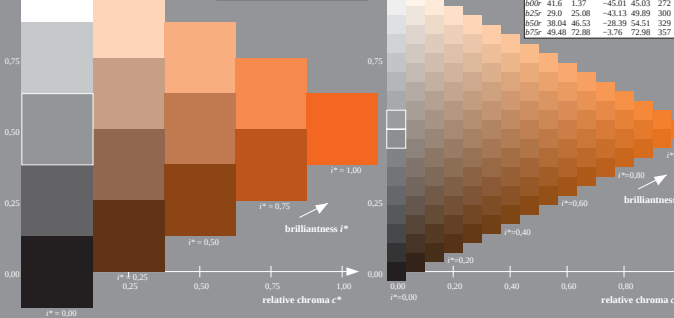




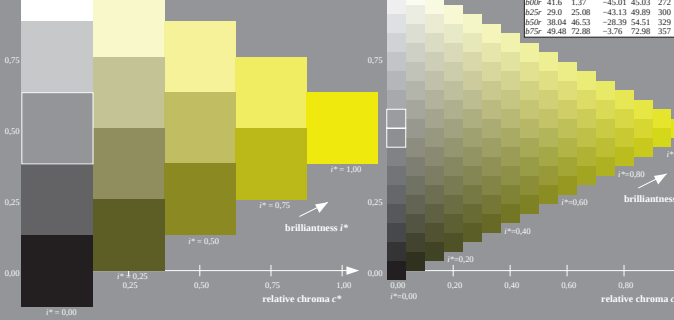
Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u^*_e and number no. = 00...15
elementary hue text:
 $u^*_e = 16$ hues $r00$, $r25$, ..., $b75$
contrast reduction factor:
 $c_R = 1.0$



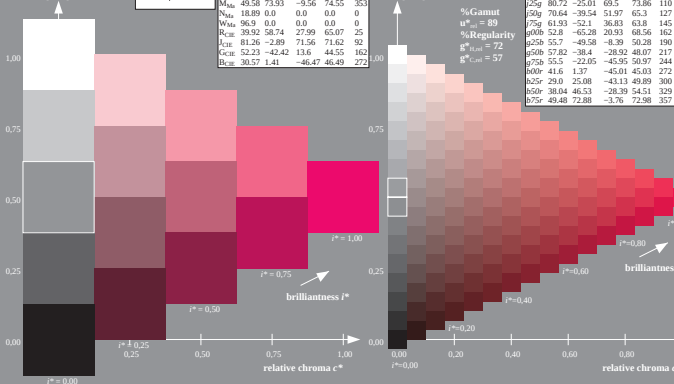
Input and output: Colorimetric Printer Reflective System ORS19_96, L*=19.96 for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{90}/360 = 0.164$
data for any colour:
 lab^*h^* and lab^*c^*
Hue texts:
 $u^*_e = r50$ $u^*_d = o42y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness u^*_e



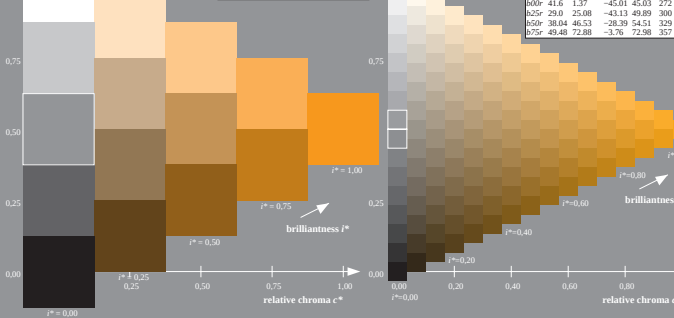
Input and output: Colorimetric Printer Reflective System ORS19_96, L*=19.96 for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{90}/360 = 0.305$
data for any colour:
 lab^*h^* and lab^*c^*
Hue texts:
 $u^*_e = j25g$ $u^*_d = y20l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness u^*_e



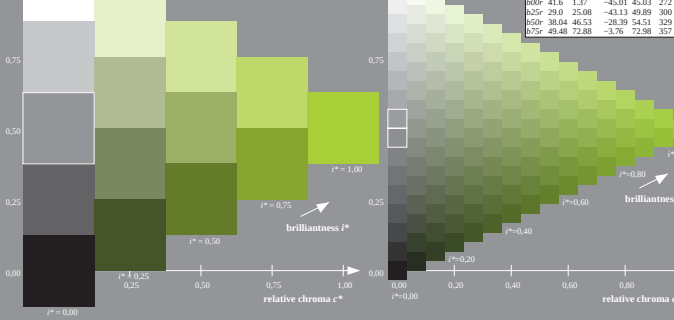
Input and output: Colorimetric Printer Reflective System ORS19_96, L*=19.96 for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{90}/360 = 0.071$
data for any colour:
 lab^*h^* and lab^*c^*
Hue texts:
 $u^*_e = r00$ $u^*_d = m84o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness u^*_e



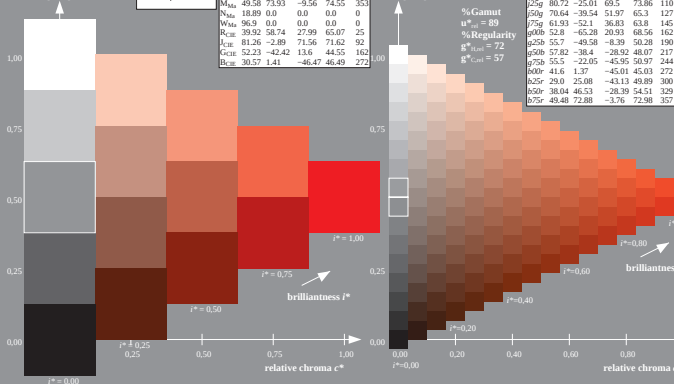
Input and output: Colorimetric Printer Reflective System ORS19_96, L*=19.96 for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{90}/360 = 0.21$
data for any colour:
 lab^*h^* and lab^*c^*
Hue texts:
 $u^*_e = r75j$ $u^*_d = o67y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness u^*_e



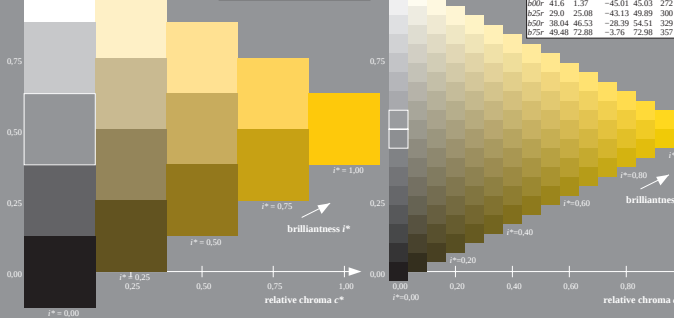
Input and output: Colorimetric Printer Reflective System ORS19_96, L*=19.96 for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{90}/360 = 0.354$
data for any colour:
 lab^*h^* and lab^*c^*
Hue texts:
 $u^*_e = j50g$ $u^*_d = y40l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness u^*_e



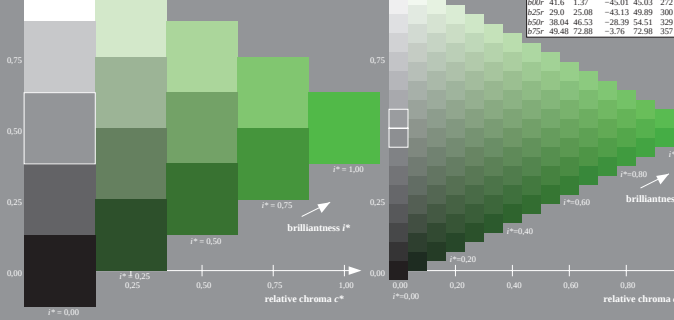
Input and output: Colorimetric Printer Reflective System ORS19_96, L*=19.96 for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{90}/360 = 0.117$
data for any colour:
 lab^*h^* and lab^*c^*
Hue texts:
 $u^*_e = r25j$ $u^*_d = o17y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness u^*_e

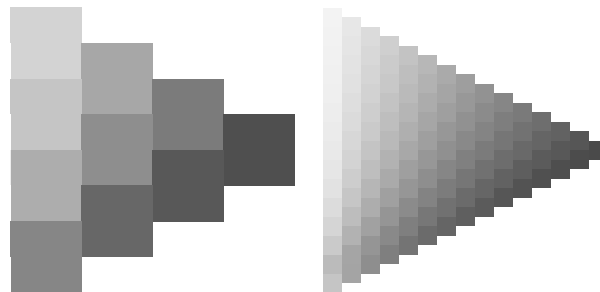
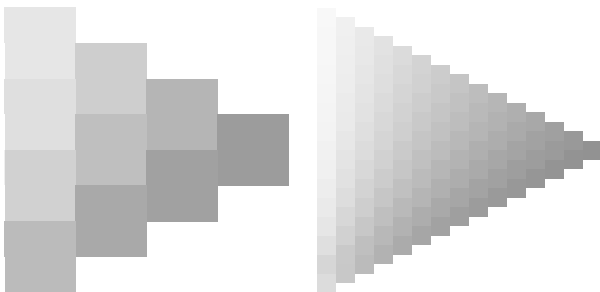
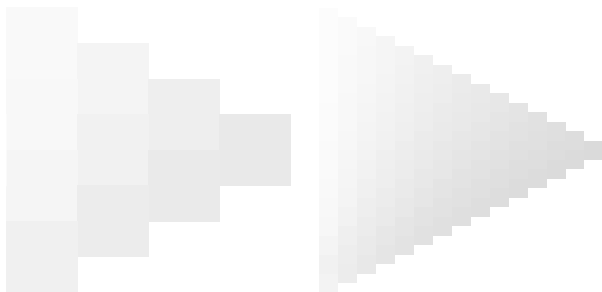
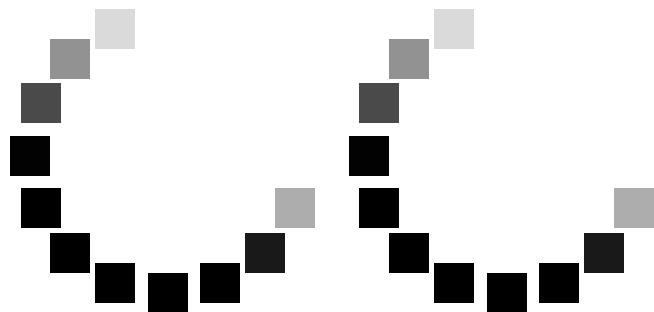


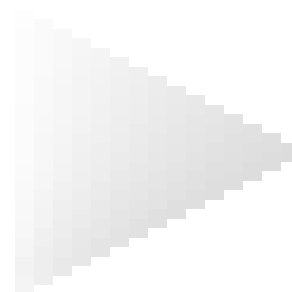
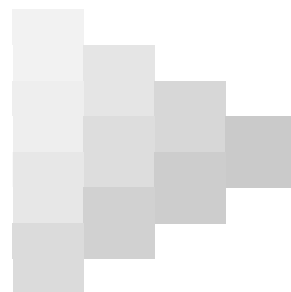
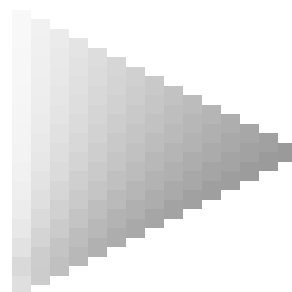
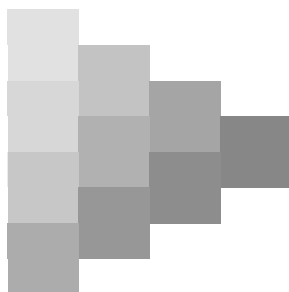
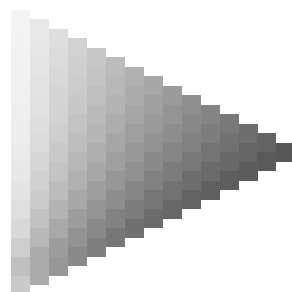
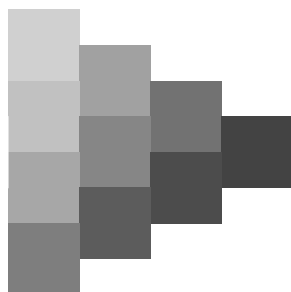
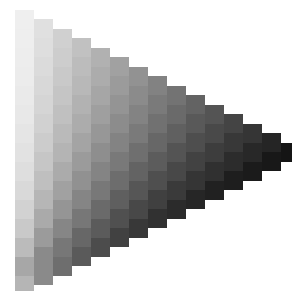
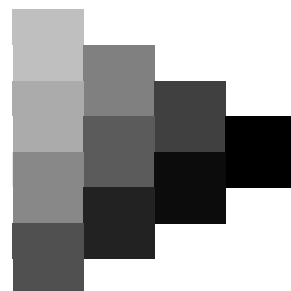
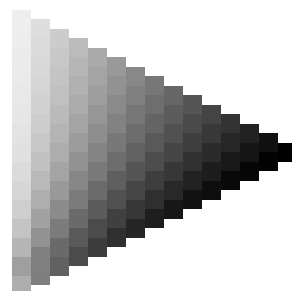
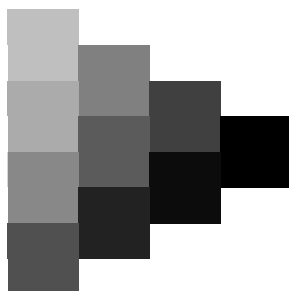
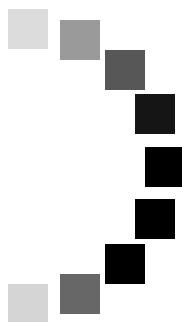
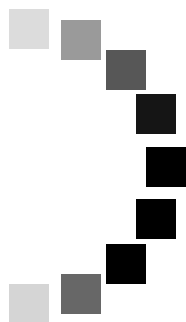
Input and output: Colorimetric Printer Reflective System ORS19_96, L*=19.96 for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{90}/360 = 0.256$
data for any colour:
 lab^*h^* and lab^*c^*
Hue texts:
 $u^*_e = j00g$ $u^*_d = o2y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness u^*_e

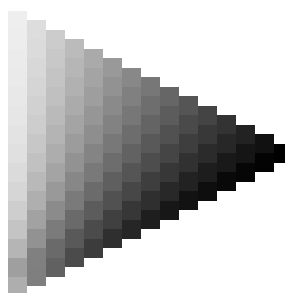
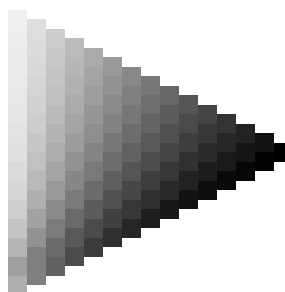
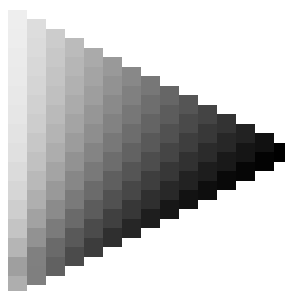
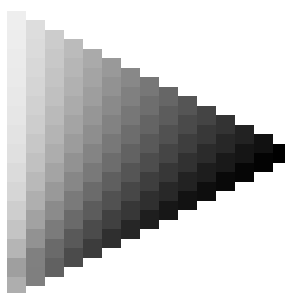
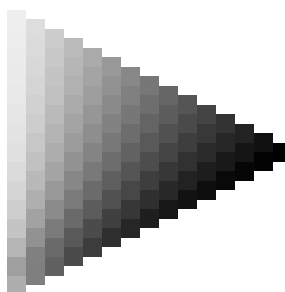
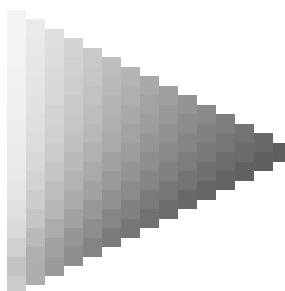
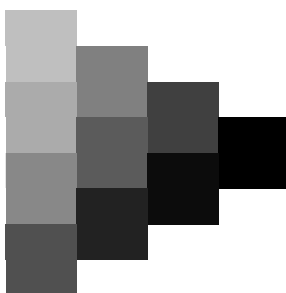
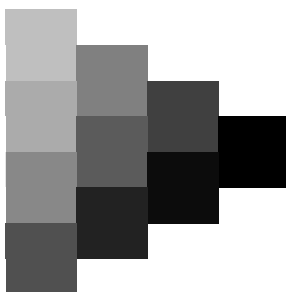
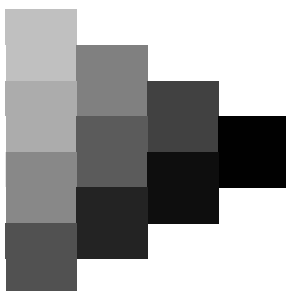
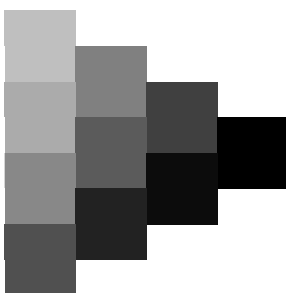
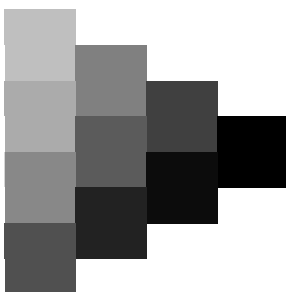
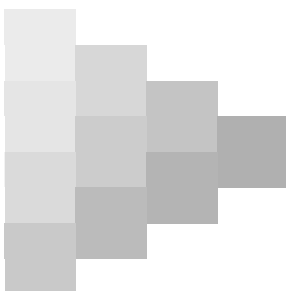
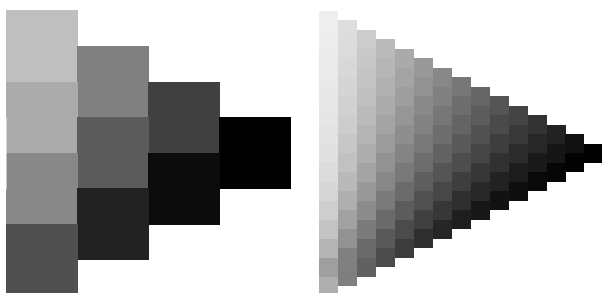
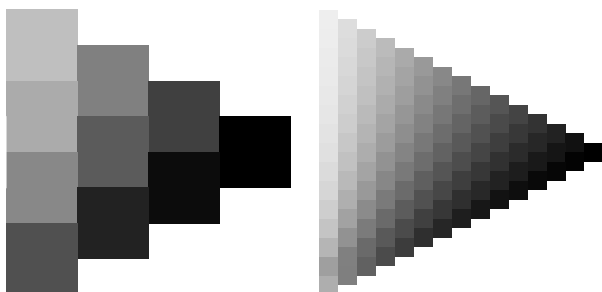
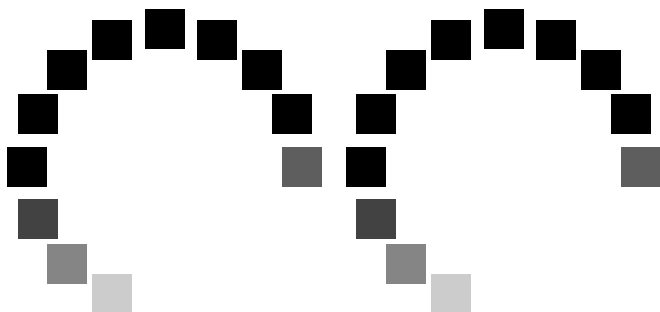


Input and output: Colorimetric Printer Reflective System ORS19_96, L*=19.96 for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{90}/360 = 0.402$
data for any colour:
 lab^*h^* and lab^*c^*
Hue texts:
 $u^*_e = j75g$ $u^*_d = y22l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness u^*_e





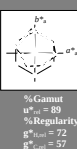




Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 u^*_p and number no. = 00...15
elementary hue text:
 $u^*_p = 16$ hues $r00$, $r25$, ..., $b75$
contrast reduction factor:
 $c_R = 1.0$

ORS19_96a, adapted (a) CIELAB data
 u^*_p , L^* , a^* , b^* , C^* , h^* , h_{360}

u^*_p	L^*	a^*	b^*	C^*	h^*	h_{360}
000	48.88	66.47	31.67	73.63	25	m846
005	55.85	52.39	47.48	70.17	42	o17y
010	65.45	35.22	58.37	68.17	59	o42y
015	75.19	17.82	69.41	71.66	76	o67y
020	87.03	-3.35	82.83	82.9	92	o92y
025	80.72	-25.01	69.5	73.86	110	y200
030	70.64	-39.54	51.97	65.3	127	y40
035	61.93	-52.1	36.83	63.8	145	y72
040	52.8	-65.28	20.93	68.56	162	y98
045	55.7	-49.58	-8.39	50.28	180	O66
050	57.82	-38.4	-28.92	48.07	217	72z
055	55.5	-22.05	-45.95	50.97	244	c11v
060	41.6	1.37	-45.01	45.03	272	c50v
065	29.0	25.08	-43.13	49.89	300	v04m
070	38.04	46.53	-28.39	54.51	329	v50m
075	49.48	72.88	-3.76	72.98	357	m16



ORS19_96a, adapted (a) CIELAB data
 u^*_p , L^* , a^* , b^* , C^* , h^* , h_{360}

u^*_p	L^*	a^*	b^*	C^*	h^*	h_{360}
000	48.88	66.47	31.67	73.63	25	m846
005	55.85	52.39	47.48	70.17	42	o17y
010	65.45	35.22	58.37	68.17	59	o42y
015	75.19	17.82	69.41	71.66	76	o67y
020	87.03	-3.35	82.83	82.9	92	o92y
025	80.72	-25.01	69.5	73.86	110	y200
030	70.64	-39.54	51.97	65.3	127	y40
035	61.93	-52.1	36.83	63.8	145	y72
040	52.8	-65.28	20.93	68.56	162	y98
045	55.7	-49.58	-8.39	50.28	180	O66
050	57.82	-38.4	-28.92	48.07	217	72z
055	55.5	-22.05	-45.95	50.97	244	c11v
060	41.6	1.37	-45.01	45.03	272	c50v
065	29.0	25.08	-43.13	49.89	300	v04m
070	38.04	46.53	-28.39	54.51	329	v50m
075	49.48	72.88	-3.76	72.98	357	m16



Input and output: Colorimetric Printer Reflective System ORS19_96, $L^*=19.96$ for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.071$
data for any colour:
 lab^*h^* and lab^*u^*
Hue texts:
 $u^*_p = r00$ $u^*_q = m846$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



ORS19_96a, adapted (a) CIELAB data
 u^*_p , L^* , a^* , b^* , C^* , h^* , h_{360}

u^*_p	L^*	a^*	b^*	C^*	h^*	h_{360}
000	48.88	66.47	31.67	73.63	25	m846
005	55.85	52.39	47.48	70.17	42	o17y
010	65.45	35.22	58.37	68.17	59	o42y
015	75.19	17.82	69.41	71.66	76	o67y
020	87.03	-3.35	82.83	82.9	92	o92y
025	80.72	-25.01	69.5	73.86	110	y200
030	70.64	-39.54	51.97	65.3	127	y40
035	61.93	-52.1	36.83	63.8	145	y72
040	52.8	-65.28	20.93	68.56	162	y98
045	55.7	-49.58	-8.39	50.28	180	O66
050	57.82	-38.4	-28.92	48.07	217	72z
055	55.5	-22.05	-45.95	50.97	244	c11v
060	41.6	1.37	-45.01	45.03	272	c50v
065	29.0	25.08	-43.13	49.89	300	v04m
070	38.04	46.53	-28.39	54.51	329	v50m
075	49.48	72.88	-3.76	72.98	357	m16

Data for maximum colour (Ma):
 lab^*L^* , lab^*a^* , lab^*b^* , lab^*C^* , lab^*h^*

lab^*L^*	lab^*a^*	lab^*b^*	lab^*C^*	lab^*h^*
49.75	65.67	39.43	76.08	31
55.85	52.39	47.48	70.17	42
65.45	35.22	58.37	68.17	59
75.19	17.82	69.41	71.66	76
87.03	-3.35	82.83	82.9	92
80.72	-25.01	69.5	73.86	110
70.64	-39.54	51.97	65.3	127
61.93	-52.1	36.83	63.8	145
52.8	-65.28	20.93	68.56	162
55.7	-49.58	-8.39	50.28	180
57.82	-38.4	-28.92	48.07	217
55.5	-22.05	-45.95	50.97	244
41.6	1.37	-45.01	45.03	272
29.0	25.08	-43.13	49.89	300
38.04	46.53	-28.39	54.51	329
49.48	72.88	-3.76	72.98	357

ORS19_96a, adapted (a) CIELAB data
 u^*_p , L^* , a^* , b^* , C^* , h^* , h_{360}

u^*_p	L^*	a^*	b^*	C^*	h^*	h_{360}
000	48.88	66.47	31.67	73.63	25	m846
005	55.85	52.39	47.48	70.17	42	o17y
010	65.45	35.22	58.37	68.17	59	o42y
015	75.19	17.82	69.41	71.66	76	o67y
020	87.03	-3.35	82.83	82.9	92	o92y
025	80.72	-25.01	69.5	73.86	110	y200
030	70.64	-39.54	51.97	65.3	127	y40
035	61.93	-52.1	36.83	63.8	145	y72
040	52.8	-65.28	20.93	68.56	162	y98
045	55.7	-49.58	-8.39	50.28	180	O66
050	57.82	-38.4	-28.92	48.07	217	72z
055	55.5	-22.05	-45.95	50.97	244	c11v
060	41.6	1.37	-45.01	45.03	272	c50v
065	29.0	25.08	-43.13	49.89	300	v04m
070	38.04	46.53	-28.39	54.51	329	v50m
075	49.48	72.88	-3.76	72.98	357	m16

Data for maximum colour (Ma):
 lab^*L^* , lab^*a^* , lab^*b^* , lab^*C^* , lab^*h^*

lab^*L^*	lab^*a^*	lab^*b^*	lab^*C^*	lab^*h^*
49.75	65.67	39.43	76.08	31
55.85	52.39	47.48	70.17	42
65.45	35.22	58.37	68.17	59
75.19	17.82	69.41	71.66	76
87.03	-3.35	82.83	82.9	92
80.72	-25.01	69.5	73.86	110
70.64	-39.54	51.97	65.3	127
61.93	-52.1	36.83	63.8	145
52.8	-65.28	20.93	68.56	162
55.7	-49.58	-8.39	50.28	180
57.82	-38.4	-28.92	48.07	217
55.5	-22.05	-45.95	50.97	244
41.6	1.37	-45.01	45.03	272
29.0	25.08	-43.13	49.89	300
38.04	46.53	-28.39	54.51	329
49.48	72.88	-3.76	72.98	357



ORS19_96a, adapted (a) CIELAB data
 u^*_p , L^* , a^* , b^* , C^* , h^* , h_{360}

u^*_p	L^*	a^*	b^*	C^*	h^*	h_{360}
000	48.88	66.47	31.67	73.63	25	m846
005	55.85	52.39	47.48	70.17	42	o17y
010	65.45	35.22	58.37	68.17	59	o42y
015	75.19	17.82	69.41	71.66	76	o67y
020	87.03	-3.35	82.83	82.9	92	o92y
025	80.72	-25.01	69.5	73.86	110	y200
030	70.64	-39.54	51.97	65.3	127	y40
035	61.93	-52.1	36.83	63.8	145	y72
040	52.8	-65.28	20.93	68.56	162	y98
045	55.7	-49.58	-8.39	50.28	180	O66
050	57.82	-38.4	-28.92	48.07	217	72z
055	55.5	-22.05	-45.95	50.97	244	c11v
060	41.6	1.37	-45.01	45.03	272	c50v
065	29.0	25.08	-43.13	49.89	300	v04m
070	38.04	46.53	-28.39	54.51	329	v50m
075	49.48	72.88	-3.76	72.98	357	m16

Data for maximum colour (Ma):
 lab^*L^* , lab^*a^* , lab^*b^* , lab^*C^* , lab^*h^*

lab^*L^*	lab^*a^*	lab^*b^*	lab^*C^*	lab^*h^*
49.75	65.67	39.43	76.08	31
55.85	52.39	47.48	70.17	42
65.45	35.22	58.37	68.17	59
75.19	17.82	69.41	71.66	76
87.03	-3.35	82.83	82.9	92
80.72	-25.01	69.5	73.86	110
70.64	-39.54	51.97	65.3	127
61.93	-52.1	36.83	63.8	145
52.8	-65.28	20.93	68.56	162
55.7	-49.58	-8.39	50.28	180
57.82	-38.4	-28.92	48.07	217
55.5	-22.05	-45.95	50.97	244
41.6	1.37	-45.01	45.03	272
29.0	25.08	-43.13	49.89	300
38.04	46.53	-28.39	54.51	329
49.48	72.88	-3.76	72.98	357

ORS19_96a, adapted (a) CIELAB data
 u^*_p , L^* , a^* , b^* , C^* , h^* , h_{360}

u^*_p	L^*	a^*	b^*	C^*	h^*	h_{360}
000	48.88	66.47	31.67	73.63	25	m846
005	55.85	52.39	47.48	70.17	42	o17y
010	65.45	35.22	58.37	68.17	59	o42y
015	75.19	17.82	69.41	71.66	76	o67y
020	87.03	-3.35	82.83	82.9	92	o92y
025	80.72	-25.01	69.5	73.86	110	y200
030	70.64	-39.54	51.97	65.3	127	y40
035	61.93	-52.1	36.83	63.8	145	y72
040	52.8	-65.28	20.93	68.56	162	y98
045	55.7	-49.58	-8.39	50.28	180	O66
050	57.82	-38.4	-28.92	48.07	217	72z
055	55.5	-22.05	-45.95	50.97	244	c11v
060	41.6	1.37	-45.01	45.03	272	c50v
065	29.0	25.08	-43.13	49.89	300	v04m
070	38.04	46.53	-28.39	54.51	329	v50m
075	49.48	72.88	-3.76	72.98	357	m16



Input and output: Colorimetric Printer Reflective System ORS19_96, $L^*=19.96$ for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.164$
data for any colour:
 lab^*h^* and lab^*u^*
Hue texts:
 $u^*_p = r50$ $u^*_q = o42y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*

ORS19_96, $L^* = 19.96$ for relative CIELAB

adapted (a) CIELAB data

u_p^*	L^*	a^*	b^*	C^*	h^*	h_{360}
05.07	39.43	76.08	31			
-10.29	87.24	87.85	97			
-65.44	20.75	69.5	73.86			
-26.78	-46.22	54.55	236			
23.63	-44.13	50.06	298			
73.93	-9.56	74.55	353			
0.0	0.0	0.0	0			
0.0	0.0	0.0	0			
-58.74	27.99	65.07	25			
-2.89	71.56	71.62	92			
-42.42	31.6	44.55	162			
-1.41	-46.47	46.49	272			

Data for maximum triangle lightness

$LAB^*LAB^*Ma^*$

$LAB^*ICH^*Ma^*$

$LAB^*rgb^*Ma^*: 1.0$

$lab^*oh^*Ma^*: 1.0$

triangle lightness

