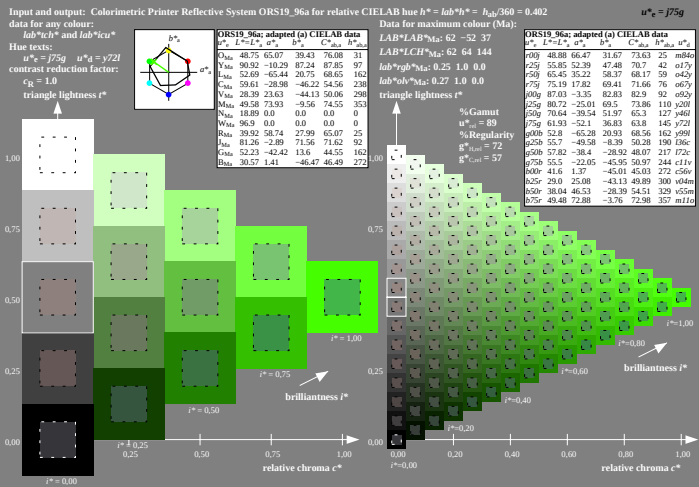
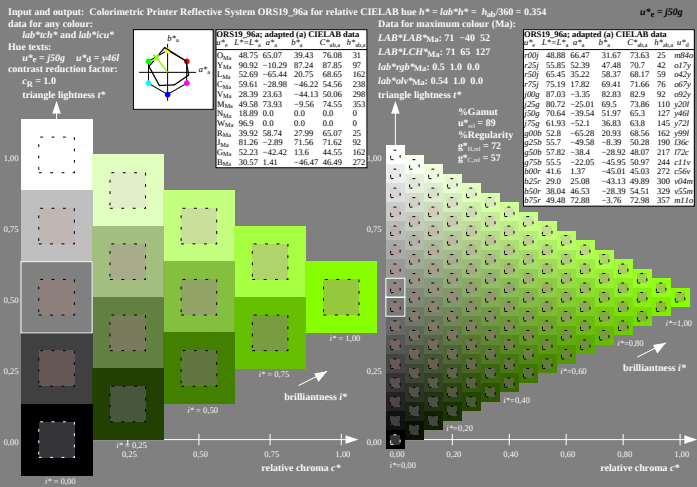
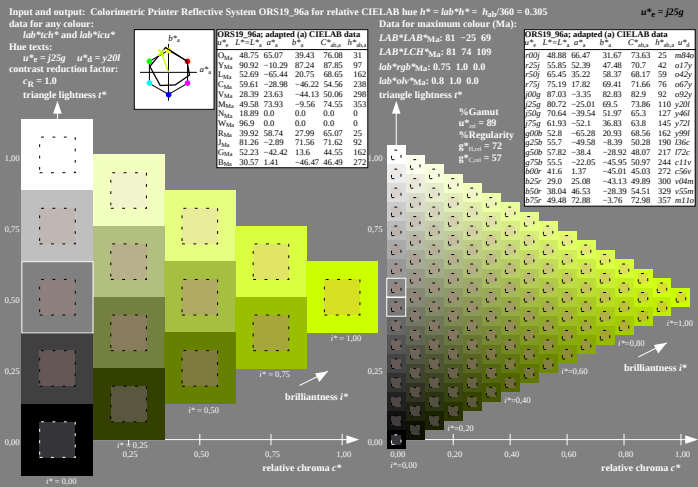
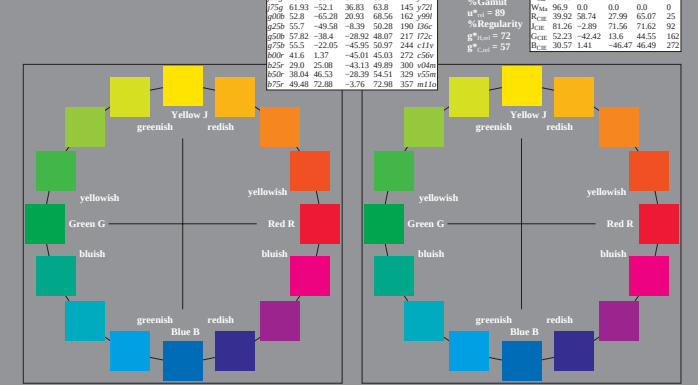
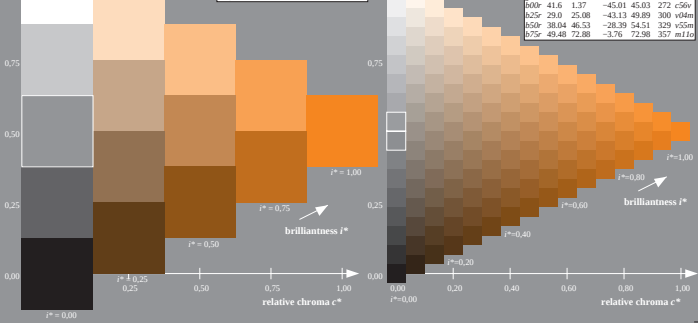




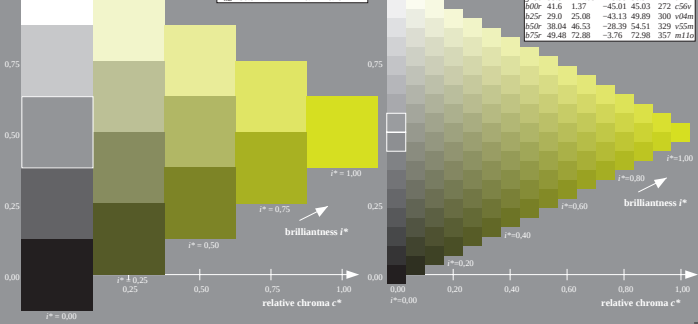
Input and output: Colorimetric Printer Reflective System ORS19_96a
data for any colour:
 $u^*_e = 16$ hues $r00$, $r25$, ..., $b75$
contrast reduction factor:
 $c_R = 1.0$



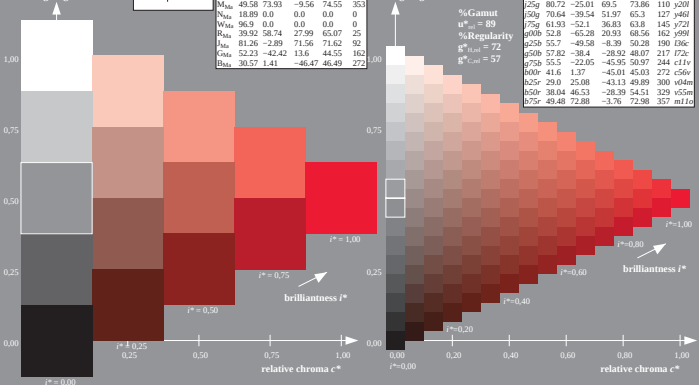
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{96}/360 = 0.164$
data for any colour:
 lab^*h^* and lab^*cu^*
Hue texts:
 $u^*_e = r50$ $u^*_d = o42y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



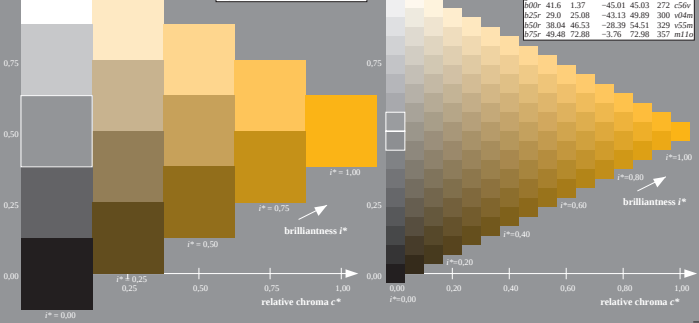
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{96}/360 = 0.385$
data for any colour:
 lab^*h^* and lab^*cu^*
Hue texts:
 $u^*_e = j25g$ $u^*_d = y20l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



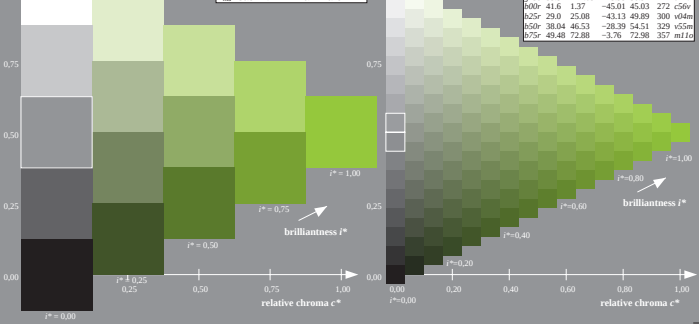
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{96}/360 = 0.071$
data for any colour:
 lab^*h^* and lab^*cu^*
Hue texts:
 $u^*_e = r00$ $u^*_d = m84o$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



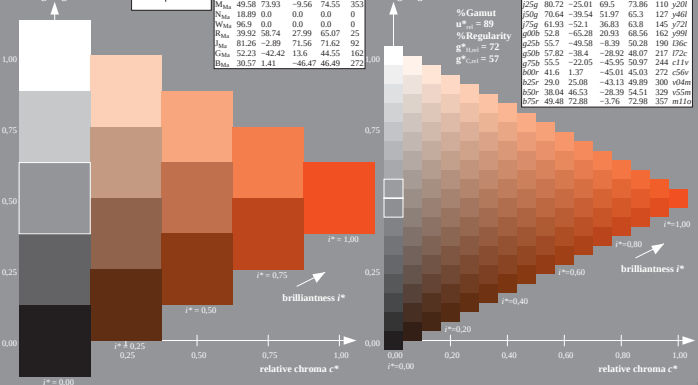
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{96}/360 = 0.21$
data for any colour:
 lab^*h^* and lab^*cu^*
Hue texts:
 $u^*_e = r75j$ $u^*_d = o67y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



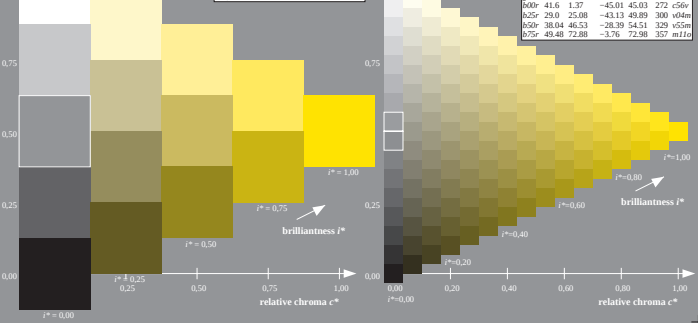
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{96}/360 = 0.334$
data for any colour:
 lab^*h^* and lab^*cu^*
Hue texts:
 $u^*_e = j50g$ $u^*_d = y40l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



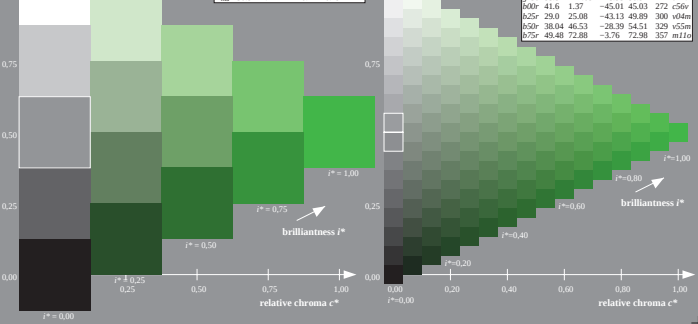
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{96}/360 = 0.117$
data for any colour:
 lab^*h^* and lab^*cu^*
Hue texts:
 $u^*_e = r25j$ $u^*_d = o17y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*

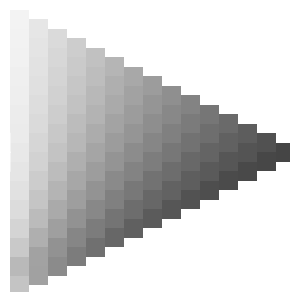
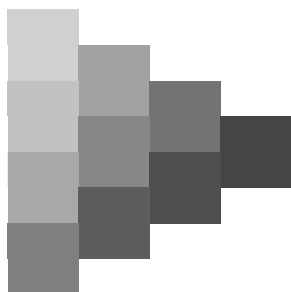
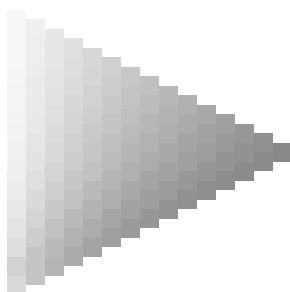
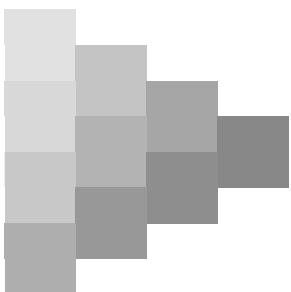
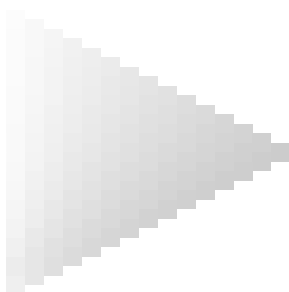
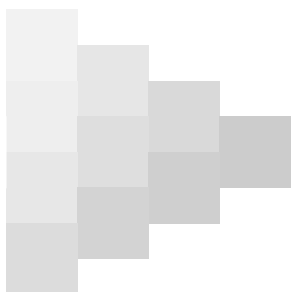
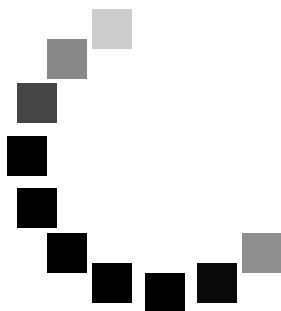
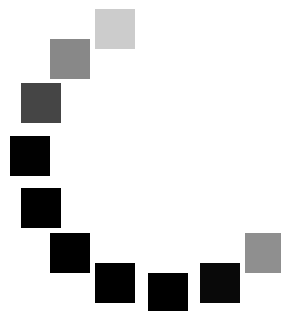


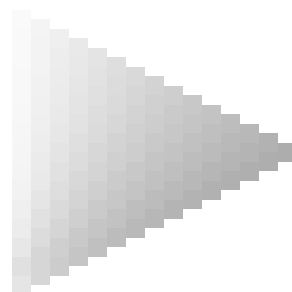
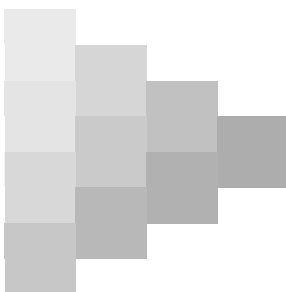
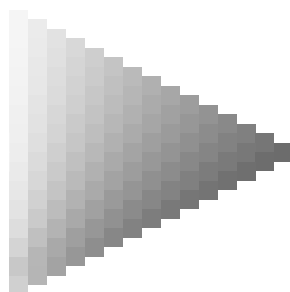
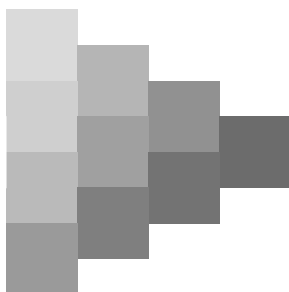
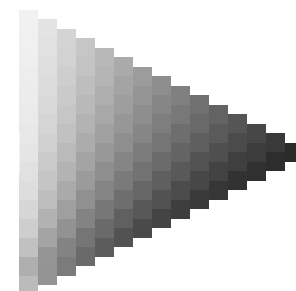
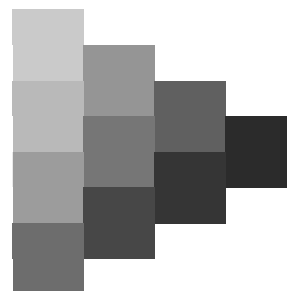
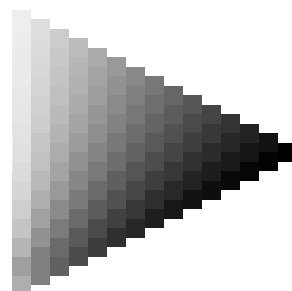
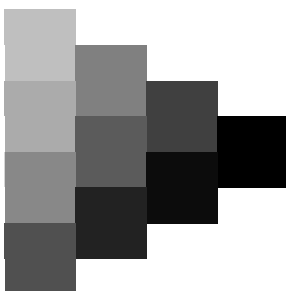
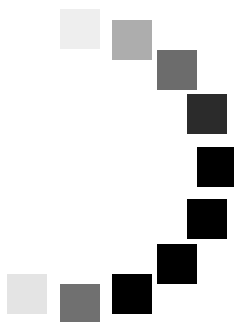
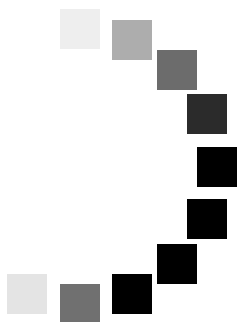
Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{96}/360 = 0.256$
data for any colour:
 lab^*h^* and lab^*cu^*
Hue texts:
 $u^*_e = j00g$ $u^*_d = o2y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*

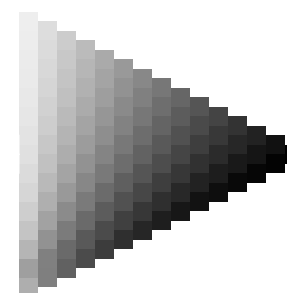
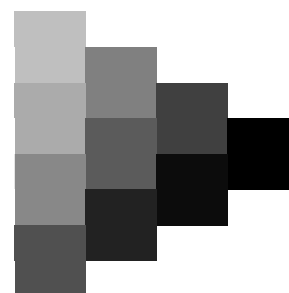
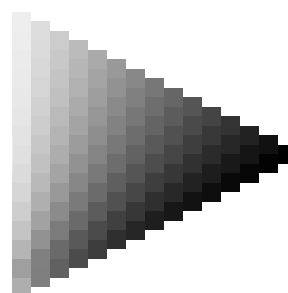
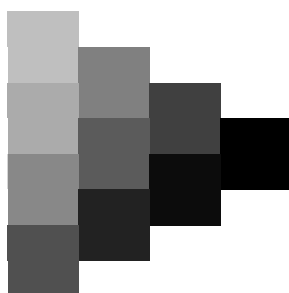
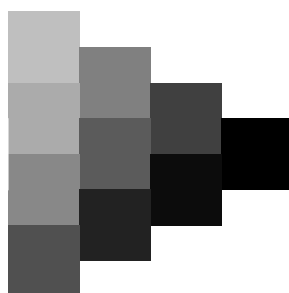
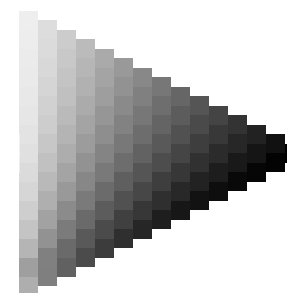
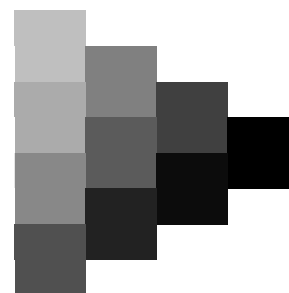
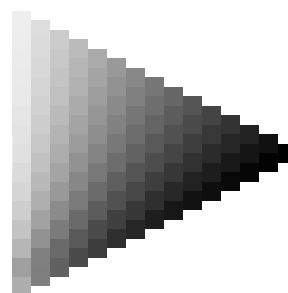
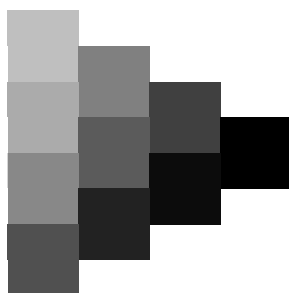
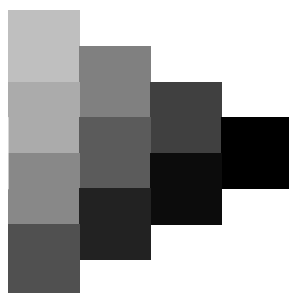
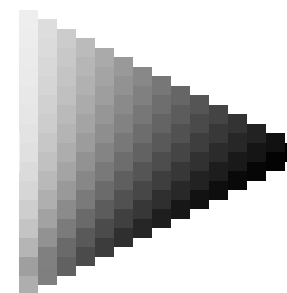
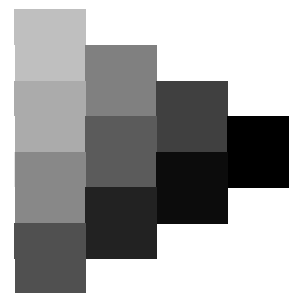
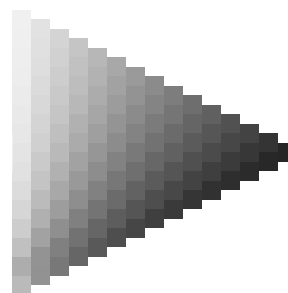
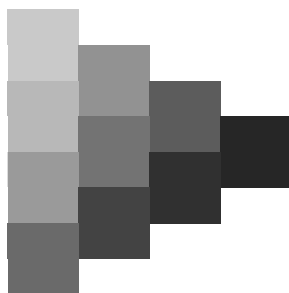
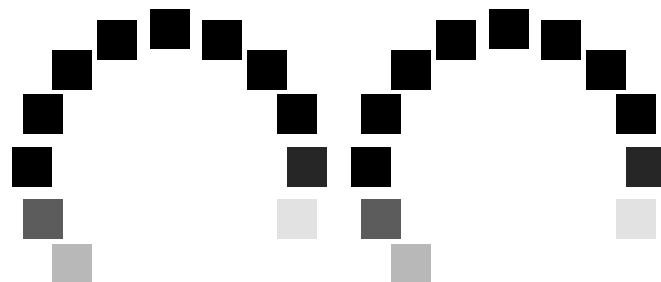


Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{96}/360 = 0.402$
data for any colour:
 lab^*h^* and lab^*cu^*
Hue texts:
 $u^*_e = j75g$ $u^*_d = y22l$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*









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:
 $c_R = 1.0$

ORS19_96a, adapted (a) CIELAB data

u^*_e	L^*	a^*	b^*	C_{90}	h^*_{90}
000	48.88	66.47	31.67	73.63	25 m84e
025	55.85	52.39	47.48	70.17	42 o17y
050	65.45	35.22	58.37	68.17	59 o42y
075	75.19	17.82	69.41	71.66	76 o67y
090	87.03	-3.35	82.83	82.9	92 o92y
120	80.72	-25.01	69.5	73.86	110 y20b
150	70.64	-39.54	51.97	65.3	127 y40b
180	61.93	-52.1	36.83	63.8	145 y72b
200b	52.8	-65.28	20.93	68.56	162 y99b
225b	55.7	-69.58	-8.39	50.28	180 b06e
250b	57.82	-38.4	-28.92	48.07	217 f72e
275b	55.5	-22.05	-45.95	50.97	244 c11v
300b	41.6	1.37	-45.01	45.03	272 c50v
325b	29.0	25.08	-43.13	49.89	300 v04m
350b	38.04	46.53	-28.39	54.51	329 v50m
375b	49.48	72.88	-3.76	72.98	357 m10e



ORS19_96a, adapted (a) CIELAB data

u^*_e	L^*	a^*	b^*	C_{90}	h^*_{90}
000	48.88	66.47	31.67	73.63	25 m84e
025	55.85	52.39	47.48	70.17	42 o17y
050	65.45	35.22	58.37	68.17	59 o42y
075	75.19	17.82	69.41	71.66	76 o67y
090	87.03	-3.35	82.83	82.9	92 o92y
120	80.72	-25.01	69.5	73.86	110 y20b
150	70.64	-39.54	51.97	65.3	127 y40b
180	61.93	-52.1	36.83	63.8	145 y72b
200b	52.8	-65.28	20.93	68.56	162 y99b
225b	55.7	-69.58	-8.39	50.28	180 b06e
250b	57.82	-38.4	-28.92	48.07	217 f72e
275b	55.5	-22.05	-45.95	50.97	244 c11v
300b	41.6	1.37	-45.01	45.03	272 c50v
325b	29.0	25.08	-43.13	49.89	300 v04m
350b	38.04	46.53	-28.39	54.51	329 v50m
375b	49.48	72.88	-3.76	72.98	357 m10e

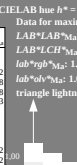


Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h^*_{90}/360 = 0.071$
data for any colour:
 lab^*h^* and lab^*u^*
Hue texts:
 $u^*_e = r00$ $u^*_d = m84e$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*



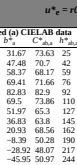
ORS19_96a, adapted (a) CIELAB data

u^*_e	L^*	a^*	b^*	C_{90}	h^*_{90}
000	48.88	66.47	31.67	73.63	25 m84e
025	55.85	52.39	47.48	70.17	42 o17y
050	65.45	35.22	58.37	68.17	59 o42y
075	75.19	17.82	69.41	71.66	76 o67y
090	87.03	-3.35	82.83	82.9	92 o92y
120	80.72	-25.01	69.5	73.86	110 y20b
150	70.64	-39.54	51.97	65.3	127 y40b
180	61.93	-52.1	36.83	63.8	145 y72b
200b	52.8	-65.28	20.93	68.56	162 y99b
225b	55.7	-69.58	-8.39	50.28	180 b06e
250b	57.82	-38.4	-28.92	48.07	217 f72e
275b	55.5	-22.05	-45.95	50.97	244 c11v
300b	41.6	1.37	-45.01	45.03	272 c50v
325b	29.0	25.08	-43.13	49.89	300 v04m
350b	38.04	46.53	-28.39	54.51	329 v50m
375b	49.48	72.88	-3.76	72.98	357 m10e



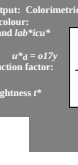
ORS19_96a, adapted (a) CIELAB data

u^*_e	L^*	a^*	b^*	C_{90}	h^*_{90}
000	48.88	66.47	31.67	73.63	25 m84e
025	55.85	52.39	47.48	70.17	42 o17y
050	65.45	35.22	58.37	68.17	59 o42y
075	75.19	17.82	69.41	71.66	76 o67y
090	87.03	-3.35	82.83	82.9	92 o92y
120	80.72	-25.01	69.5	73.86	110 y20b
150	70.64	-39.54	51.97	65.3	127 y40b
180	61.93	-52.1	36.83	63.8	145 y72b
200b	52.8	-65.28	20.93	68.56	162 y99b
225b	55.7	-69.58	-8.39	50.28	180 b06e
250b	57.82	-38.4	-28.92	48.07	217 f72e
275b	55.5	-22.05	-45.95	50.97	244 c11v
300b	41.6	1.37	-45.01	45.03	272 c50v
325b	29.0	25.08	-43.13	49.89	300 v04m
350b	38.04	46.53	-28.39	54.51	329 v50m
375b	49.48	72.88	-3.76	72.98	357 m10e



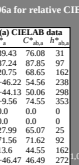
ORS19_96a, adapted (a) CIELAB data

u^*_e	L^*	a^*	b^*	C_{90}	h^*_{90}
000	48.88	66.47	31.67	73.63	25 m84e
025	55.85	52.39	47.48	70.17	42 o17y
050	65.45	35.22	58.37	68.17	59 o42y
075	75.19	17.82	69.41	71.66	76 o67y
090	87.03	-3.35	82.83	82.9	92 o92y
120	80.72	-25.01	69.5	73.86	110 y20b
150	70.64	-39.54	51.97	65.3	127 y40b
180	61.93	-52.1	36.83	63.8	145 y72b
200b	52.8	-65.28	20.93	68.56	162 y99b
225b	55.7	-69.58	-8.39	50.28	180 b06e
250b	57.82	-38.4	-28.92	48.07	217 f72e
275b	55.5	-22.05	-45.95	50.97	244 c11v
300b	41.6	1.37	-45.01	45.03	272 c50v
325b	29.0	25.08	-43.13	49.89	300 v04m
350b	38.04	46.53	-28.39	54.51	329 v50m
375b	49.48	72.88	-3.76	72.98	357 m10e



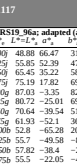
ORS19_96a, adapted (a) CIELAB data

u^*_e	L^*	a^*	b^*	C_{90}	h^*_{90}
000	48.88	66.47	31.67	73.63	25 m84e
025	55.85	52.39	47.48	70.17	42 o17y
050	65.45	35.22	58.37	68.17	59 o42y
075	75.19	17.82	69.41	71.66	76 o67y
090	87.03	-3.35	82.83	82.9	92 o92y
120	80.72	-25.01	69.5	73.86	110 y20b
150	70.64	-39.54	51.97	65.3	127 y40b
180	61.93	-52.1	36.83	63.8	145 y72b
200b	52.8	-65.28	20.93	68.56	162 y99b
225b	55.7	-69.58	-8.39	50.28	180 b06e
250b	57.82	-38.4	-28.92	48.07	217 f72e
275b	55.5	-22.05	-45.95	50.97	244 c11v
300b	41.6	1.37	-45.01	45.03	272 c50v
325b	29.0	25.08	-43.13	49.89	300 v04m
350b	38.04	46.53	-28.39	54.51	329 v50m
375b	49.48	72.88	-3.76	72.98	357 m10e



ORS19_96a, adapted (a) CIELAB data

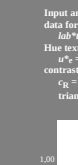
u^*_e	L^*	a^*	b^*	C_{90}	h^*_{90}
000	48.88	66.47	31.67	73.63	25 m84e
025	55.85	52.39	47.48	70.17	42 o17y
050	65.45	35.22	58.37	68.17	59 o42y
075	75.19	17.82	69.41	71.66	76 o67y
090	87.03	-3.35	82.83	82.9	92 o92y
120	80.72	-25.01	69.5	73.86	110 y20b
150	70.64	-39.54	51.97	65.3	127 y40b
180	61.93	-52.1	36.83	63.8	145 y72b
200b	52.8	-65.28	20.93	68.56	162 y99b
225b	55.7	-69.58	-8.39	50.28	180 b06e
250b	57.82	-38.4	-28.92	48.07	217 f72e
275b	55.5	-22.05	-45.95	50.97	244 c11v
300b	41.6	1.37	-45.01	45.03	272 c50v
325b	29.0	25.08	-43.13	49.89	300 v04m
350b	38.04	46.53	-28.39	54.51	329 v50m
375b	49.48	72.88	-3.76	72.98	357 m10e



Input and output: Colorimetric Printer Reflective System ORS19_96a for relative CIELAB hue $h^* = \text{lab}^*h^* = h^*_{90}/360 = 0.164$
data for any colour:
 lab^*h^* and lab^*u^*
Hue texts:
 $u^*_e = r50$ $u^*_d = o42y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness l^*

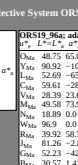
ORS19_96a, adapted (a) CIELAB data

u^*_e	L^*	a^*	b^*	C_{90}	h^*_{90}
000	48.88	66.47	31.67	73.63	25 m84e
025	55.85	52.39	47.48	70.17	42 o17y
050	65.45	35.22	58.37	68.17	59 o42y
075	75.19	17.82	69.41	71.66	76 o67y
090	87.03	-3.35	82.83	82.9	92 o92y
120	80.72	-25.01	69.5	73.86	110 y20b
150	70.64	-39.54	51.97	65.3	127 y40b
180	61.93	-52.1	36.83	63.8	145 y72b
200b	52.8	-65.28	20.93	68.56	162 y99b
225b	55.7	-69.58	-8.39	50.28	180 b06e
250b	57.82	-38.4	-28.92	48.07	217 f72e
275b	55.5	-22.05	-45.95	50.97	244 c11v
300b	41.6	1.37	-45.01	45.03	272 c50v
325b	29.0	25.08	-43.13	49.89	300 v04m
350b	38.04	46.53	-28.39	54.51	329 v50m
375b	49.48	72.88	-3.76	72.98	357 m10e



ORS19_96a, adapted (a) CIELAB data

u^*_e	L^*	a^*	b^*	C_{90}	h^*_{90}
000	48.88	66.47	31.67	73.63	25 m84e
025	55.85	52.39	47.48	70.17	42 o17y
050	65.45	35.22	58.37	68.17	59 o42y
075	75.19	17.82	69.41	71.66	76 o67y
090	87.03	-3.35	82.83	82.9	92 o92y
120	80.72	-25.01	69.5	73.86	110 y20b
150	70.64	-39.54	51.97	65.3	127 y40b
180	61.93	-52.1	36.83	63.8	145 y72b
200b	52.8	-65.28	20.93	68.56	162 y99b
225b	55.7	-69.58	-8.39	50.28	180 b06e
250b	57.82	-38.4	-28.92	48.07	217 f72e
275b	55.5	-22.05	-45.95	50.97	244 c11v
300b	41.6	1.37	-45.01	45.03	272 c50v
325b	29.0	25.08	-43.13	49.89	300 v04m
350b	38.04	46.53	-28.39	54.51	329 v50m
375b	49.48	72.88	-3.76	72.98	357 m10e



519_96a for relative CIELAB hue h^*

Adapted (a) CIELAB data

u^*_e	L^*	a^*	b^*	C_{90}	h^*_{90}
000	48.88	66.47	31.67	73.63	25 m84e
025	55.85	52.39	47.48	70.17	42 o17y
050	65.45	35.22	58.37	68.17	59 o42y
075	75.19	17.82	69.41	71.66	76 o67y
090	87.03	-3.35	82.83	82.9	92 o92y
120	80.72	-25.01	69.5	73.86	110 y20b
150	70.64	-39.54	51.97	65.3	127 y40b
180	61.93	-52.1	36.83	63.8	145 y72b
200b	52.8	-65.28	20.93	68.56	162 y99b
225b	55.7	-69.58	-8.39	50.28	180 b06e
250b	57.82	-38.4	-28.92	48.07	217 f72e
275b	55.5	-22.05	-45.95	50.97	244 c11v
300b	41.6	-13.67	-46.49	772	

Data for material

LAB^*

LAB^*LCH^*

$lab^*rgb^*Ma^*$

$lab^*rgb^*Ma^*$

triangle color



100