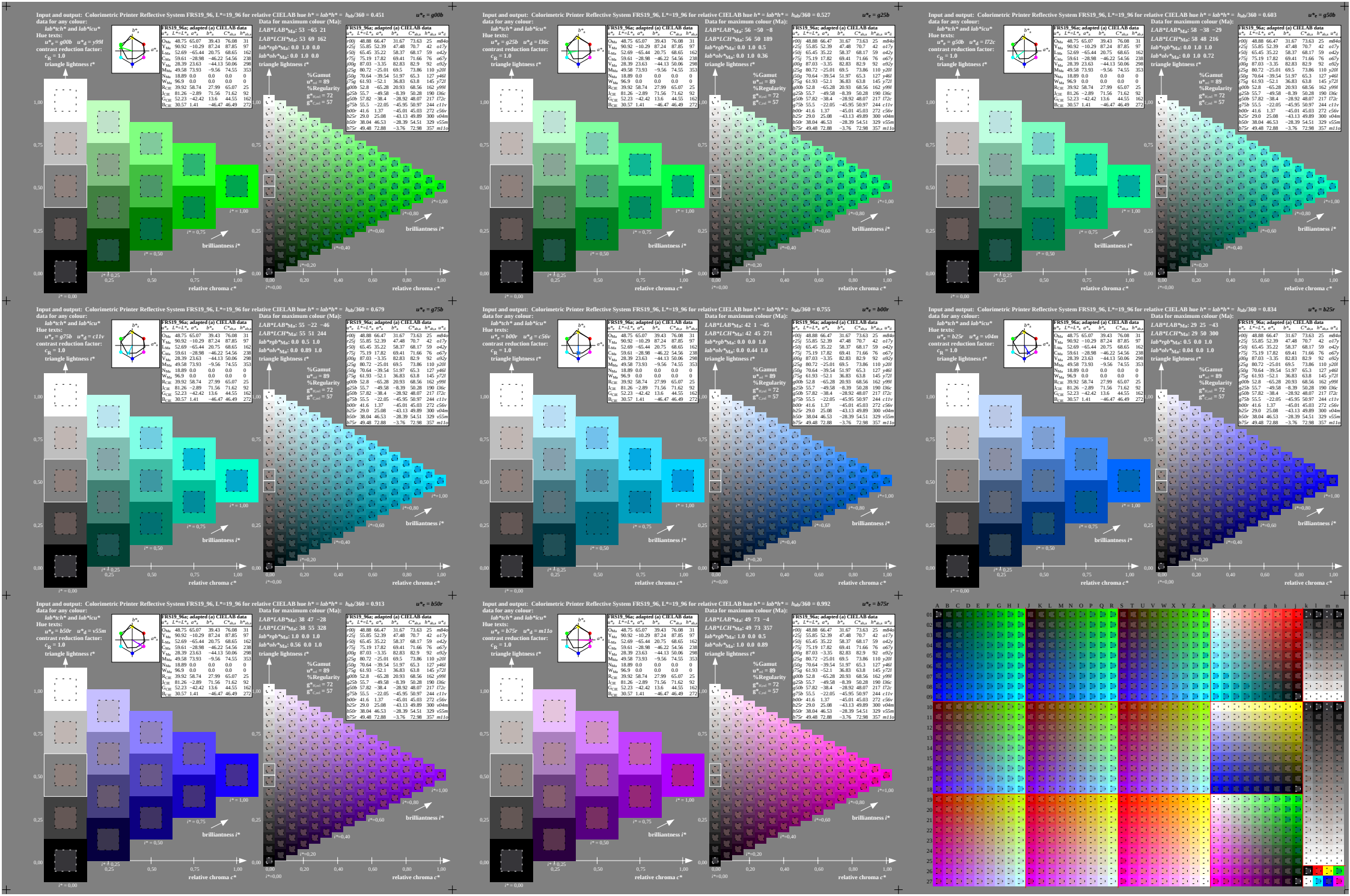
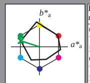

Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.451
u*c = g00b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g00b u*d = y99l
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 53 −65 21
LAB*LCH*Ma: 53 69 162
lab*rgb*Ma: 0.0 1.0 0.0
lab*olv*Ma: 0.0 1.0 0.0
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sat = 89
%Regularity
g*H,int = 72
g*C,int = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.527
u*c = g25b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g25b u*d = I36c
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 56 −50 −8
LAB*LCH*Ma: 56 50 189
lab*rgb*Ma: 0.0 1.0 0.5
lab*olv*Ma: 0.0 1.0 0.36
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sat = 89
%Regularity
g*H,int = 72
g*C,int = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.603
u*c = g50b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g50b u*d = I72c
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 58 −38 −29
LAB*LCH*Ma: 58 48 216
lab*rgb*Ma: 0.0 1.0 1.0
lab*olv*Ma: 0.0 1.0 0.72
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sat = 89
%Regularity
g*H,int = 72
g*C,int = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.679
u*c = g75b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g75b u*d = c11v
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 55 −22 −46
LAB*LCH*Ma: 55 51 244
lab*rgb*Ma: 0.0 0.5 1.0
lab*olv*Ma: 0.0 0.89 1.0
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sat = 89
%Regularity
g*H,int = 72
g*C,int = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.755
u*c = b00r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b00r u*d = c56v
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 42 1 −45
LAB*LCH*Ma: 42 45 271
lab*rgb*Ma: 0.0 0.0 1.0
lab*olv*Ma: 0.0 0.44 1.0
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sat = 89
%Regularity
g*H,int = 72
g*C,int = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.834
u*c = b25r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b25r u*d = y04m
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 29 25 −43
LAB*LCH*Ma: 29 50 300
lab*rgb*Ma: 0.5 0.0 1.0
lab*olv*Ma: 0.04 0.0 1.0
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sat = 89
%Regularity
g*H,int = 72
g*C,int = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.913
u*c = b50r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b50r u*d = v55m
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 38 47 −28
LAB*LCH*Ma: 38 55 328
lab*rgb*Ma: 1.0 0.0 1.0
lab*olv*Ma: 0.56 0.0 1.0
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sat = 89
%Regularity
g*H,int = 72
g*C,int = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.992
u*c = b75r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b75r u*d = m11o
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 49 73 −4
LAB*LCH*Ma: 49 73 357
lab*rgb*Ma: 1.0 0.0 0.5
lab*olv*Ma: 1.0 0.0 0.89
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sat = 89
%Regularity
g*H,int = 72
g*C,int = 57
brilliantness i*
relative chroma c*

Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$ $u^*_e = g00b$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g00b$ $u^*_d = y99l$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS19_96a; adapted (a) CIELAB data

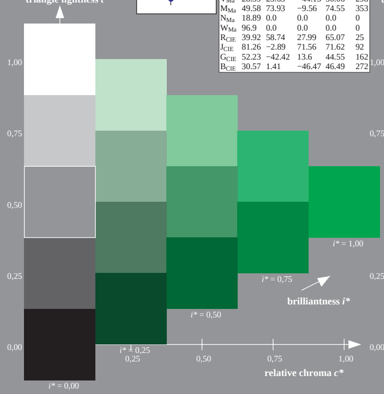
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
G_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

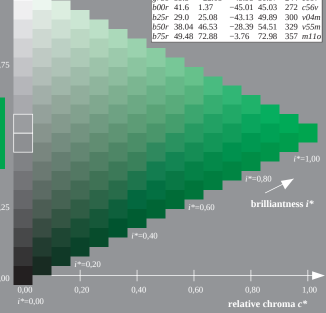
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 53 −65 21
$LAB^*LCH^*_{Ma}$: 53 69 162
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
triangle lightness t^*

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

FRS19_96a; adapted (a) CIELAB data

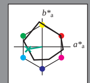
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	−3.35	82.83	82.9	92	o92y
j25g	80.72	−25.01	69.5	73.86	110	y20l
j50g	70.64	−39.54	51.97	65.3	127	y46l
j75g	61.93	−52.1	36.83	63.8	145	y72l
g00b	52.8	−65.28	20.93	68.56	162	y99l
g25b	55.7	−49.58	−8.39	50.28	190	l36c
g50b	57.82	−38.4	−28.92	48.07	217	l72c
g75b	55.5	−22.05	−45.95	50.97	244	c11v
b00r	41.6	1.37	−45.01	45.03	272	c56v
b25r	29.0	25.08	−43.13	49.89	300	v04m
b50r	38.04	46.53	−28.39	54.51	329	v55m
b75r	49.48	72.88	−3.76	72.98	357	m11o





Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$ $u^*_e = g25b$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g25b$ $u^*_d = l36c$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS19_96a; adapted (a) CIELAB data

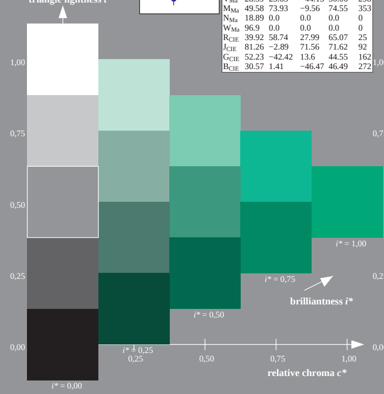
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
G_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

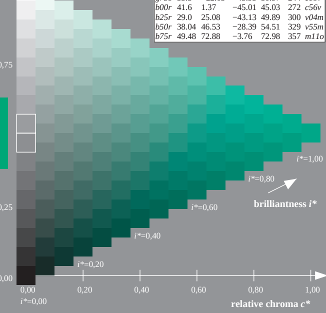
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 56 −50 −8
$LAB^*LCH^*_{Ma}$: 56 50 189
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5
$lab^*olv^*_{Ma}$: 0.0 1.0 0.36
triangle lightness t^*

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

FRS19_96a; adapted (a) CIELAB data

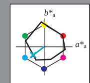
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	−3.35	82.83	82.9	92	o92y
j25g	80.72	−25.01	69.5	73.86	110	y20l
j50g	70.64	−39.54	51.97	65.3	127	y46l
j75g	61.93	−52.1	36.83	63.8	145	y72l
g00b	52.8	−65.28	20.93	68.56	162	y99l
g25b	55.7	−49.58	−8.39	50.28	190	l36c
g50b	57.82	−38.4	−28.92	48.07	217	l72c
g75b	55.5	−22.05	−45.95	50.97	244	c11v
b00r	41.6	1.37	−45.01	45.03	272	c56v
b25r	29.0	25.08	−43.13	49.89	300	v04m
b50r	38.04	46.53	−28.39	54.51	329	v55m
b75r	49.48	72.88	−3.76	72.98	357	m11o





Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$ $u^*_e = g50b$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g50b$ $u^*_d = l72c$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS19_96a; adapted (a) CIELAB data

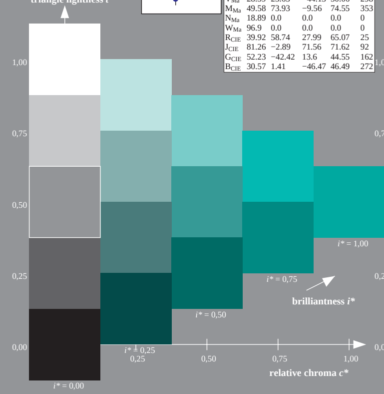
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
G_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

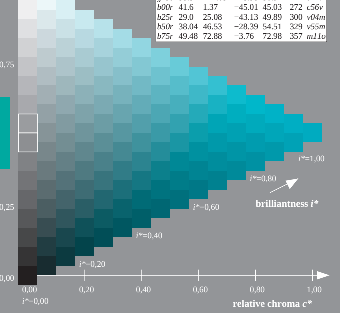
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 58 −38 −29
$LAB^*LCH^*_{Ma}$: 58 48 216
$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0
$lab^*olv^*_{Ma}$: 0.0 1.0 0.72
triangle lightness t^*

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

FRS19_96a; adapted (a) CIELAB data

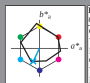
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	−3.35	82.83	82.9	92	o92y
j25g	80.72	−25.01	69.5	73.86	110	y20l
j50g	70.64	−39.54	51.97	65.3	127	y46l
j75g	61.93	−52.1	36.83	63.8	145	y72l
g00b	52.8	−65.28	20.93	68.56	162	y99l
g25b	55.7	−49.58	−8.39	50.28	190	l36c
g50b	57.82	−38.4	−28.92	48.07	217	l72c
g75b	55.5	−22.05	−45.95	50.97	244	c11v
b00r	41.6	1.37	−45.01	45.03	272	c56v
b25r	29.0	25.08	−43.13	49.89	300	v04m
b50r	38.04	46.53	−28.39	54.51	329	v55m
b75r	49.48	72.88	−3.76	72.98	357	m11o





Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$ $u^*_e = g75b$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = g75b$ $u^*_d = c11v$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS19_96a; adapted (a) CIELAB data

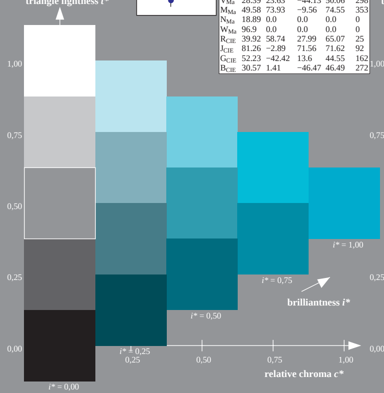
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
G_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

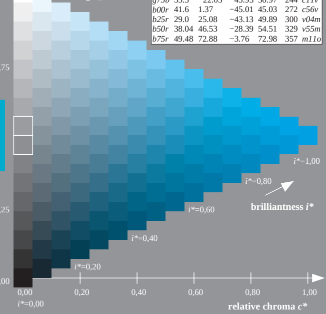
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 55 −22 −46
$LAB^*LCH^*_{Ma}$: 55 51 244
$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0
$lab^*olv^*_{Ma}$: 0.0 0.89 1.0
triangle lightness t^*

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

FRS19_96a; adapted (a) CIELAB data

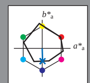
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	−3.35	82.83	82.9	92	o92y
j25g	80.72	−25.01	69.5	73.86	110	y20l
j50g	70.64	−39.54	51.97	65.3	127	y46l
j75g	61.93	−52.1	36.83	63.8	145	y72l
g00b	52.8	−65.28	20.93	68.56	162	y99l
g25b	55.7	−49.58	−8.39	50.28	190	l36c
g50b	57.82	−38.4	−28.92	48.07	217	l72c
g75b	55.5	−22.05	−45.95	50.97	244	c11v
b00r	41.6	1.37	−45.01	45.03	272	c56v
b25r	29.0	25.08	−43.13	49.89	300	v04m
b50r	38.04	46.53	−28.39	54.51	329	v55m
b75r	49.48	72.88	−3.76	72.98	357	m11o





Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$ $u^*_e = b00r$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b00r$ $u^*_d = c56v$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS19_96a; adapted (a) CIELAB data

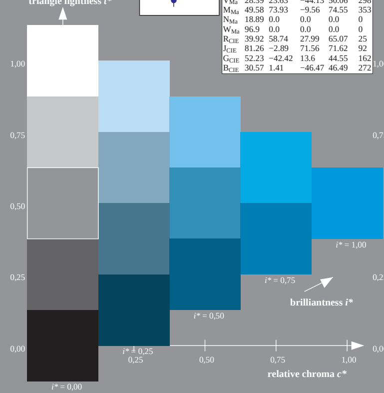
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
G_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

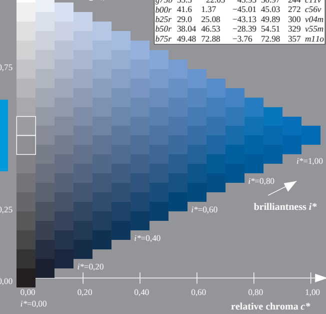
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 42 1 −45
$LAB^*LCH^*_{Ma}$: 42 45 271
$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.0 0.44 1.0
triangle lightness t^*

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

FRS19_96a; adapted (a) CIELAB data

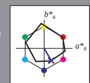
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	−3.35	82.83	82.9	92	o92y
j25g	80.72	−25.01	69.5	73.86	110	y20l
j50g	70.64	−39.54	51.97	65.3	127	y46l
j75g	61.93	−52.1	36.83	63.8	145	y72l
g00b	52.8	−65.28	20.93	68.56	162	y99l
g25b	55.7	−49.58	−8.39	50.28	190	l36c
g50b	57.82	−38.4	−28.92	48.07	217	l72c
g75b	55.5	−22.05	−45.95	50.97	244	c11v
b00r	41.6	1.37	−45.01	45.03	272	c56v
b25r	29.0	25.08	−43.13	49.89	300	v04m
b50r	38.04	46.53	−28.39	54.51	329	v55m
b75r	49.48	72.88	−3.76	72.98	357	m11o





Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$ $u^*_e = b25r$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b25r$ $u^*_d = v04m$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS19_96a; adapted (a) CIELAB data

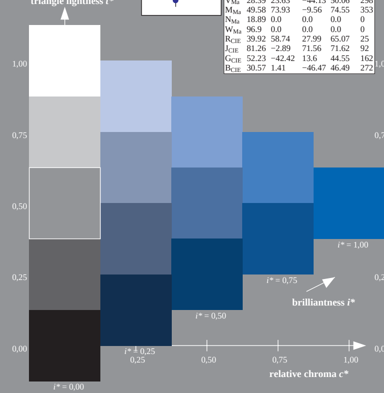
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
G_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

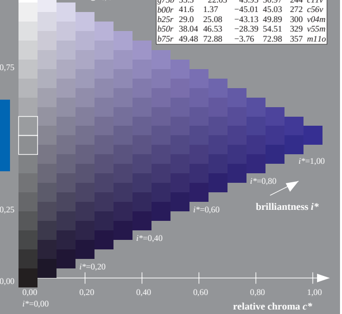
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 29 25 −43
$LAB^*LCH^*_{Ma}$: 29 50 300
$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0
$lab^*olv^*_{Ma}$: 0.04 0.0 1.0
triangle lightness t^*

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

FRS19_96a; adapted (a) CIELAB data

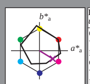
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	−3.35	82.83	82.9	92	o92y
j25g	80.72	−25.01	69.5	73.86	110	y20l
j50g	70.64	−39.54	51.97	65.3	127	y46l
j75g	61.93	−52.1	36.83	63.8	145	y72l
g00b	52.8	−65.28	20.93	68.56	162	y99l
g25b	55.7	−49.58	−8.39	50.28	190	l36c
g50b	57.82	−38.4	−28.92	48.07	217	l72c
g75b	55.5	−22.05	−45.95	50.97	244	c11v
b00r	41.6	1.37	−45.01	45.03	272	c56v
b25r	29.0	25.08	−43.13	49.89	300	v04m
b50r	38.04	46.53	−28.39	54.51	329	v55m
b75r	49.48	72.88	−3.76	72.98	357	m11o





Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$ $u^*_e = b50r$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b50r$ $u^*_d = v55m$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS19_96a; adapted (a) CIELAB data

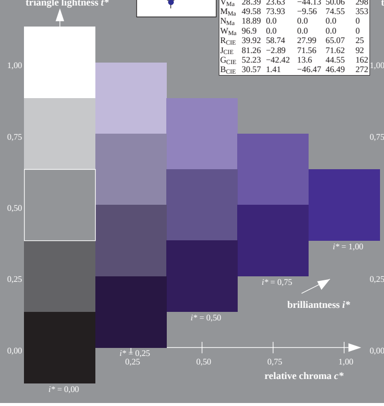
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
G_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

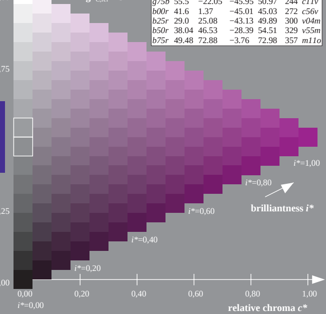
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 38 47 −28
$LAB^*LCH^*_{Ma}$: 38 55 328
$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0
$lab^*olv^*_{Ma}$: 0.56 0.0 1.0
triangle lightness t^*

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

FRS19_96a; adapted (a) CIELAB data

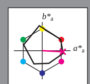
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	−3.35	82.83	82.9	92	o92y
j25g	80.72	−25.01	69.5	73.86	110	y20l
j50g	70.64	−39.54	51.97	65.3	127	y46l
j75g	61.93	−52.1	36.83	63.8	145	y72l
g00b	52.8	−65.28	20.93	68.56	162	y99l
g25b	55.7	−49.58	−8.39	50.28	190	l36c
g50b	57.82	−38.4	−28.92	48.07	217	l72c
g75b	55.5	−22.05	−45.95	50.97	244	c11v
b00r	41.6	1.37	−45.01	45.03	272	c56v
b25r	29.0	25.08	−43.13	49.89	300	v04m
b50r	38.04	46.53	−28.39	54.51	329	v55m
b75r	49.48	72.88	−3.76	72.98	357	m11o





Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$ $u^*_e = b75r$

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
$u^*_e = b75r$ $u^*_d = m11o$
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*



FRS19_96a; adapted (a) CIELAB data

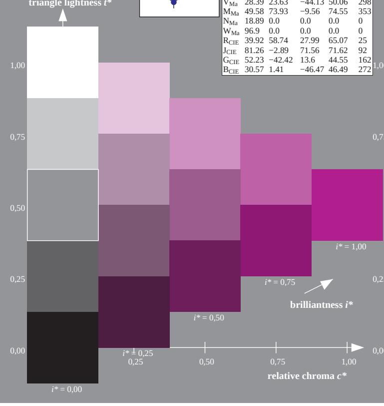
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	48.75	65.07	39.43	76.08	31
Y_{Ma}	90.92	−10.29	87.24	87.85	97
L_{Ma}	52.69	−65.44	20.75	68.65	162
C_{Ma}	59.61	−28.98	−46.22	54.56	238
V_{Ma}	28.39	23.63	−44.13	50.06	298
M_{Ma}	49.58	73.93	−9.56	74.55	353
N_{Ma}	18.89	0.0	0.0	0.0	0
W_{Ma}	96.9	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.89	71.56	71.62	92
G_{CIE}	52.23	−42.42	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.47	46.49	272

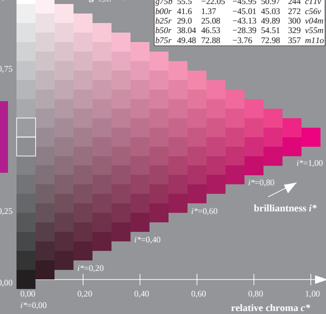
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 49 73 −4
$LAB^*LCH^*_{Ma}$: 49 73 357
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5
$lab^*olv^*_{Ma}$: 1.0 0.0 0.89
triangle lightness t^*

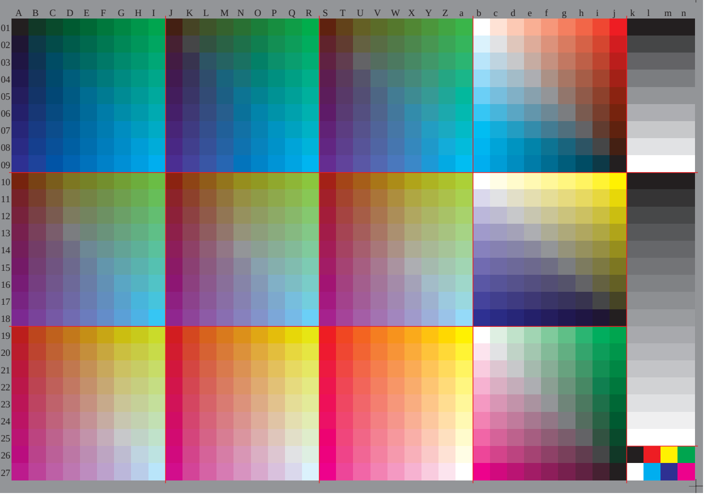
%Gamut
$u^*_{rel} = 89$
%Regularity
$g^*_{H,rel} = 72$
$g^*_{C,rel} = 57$

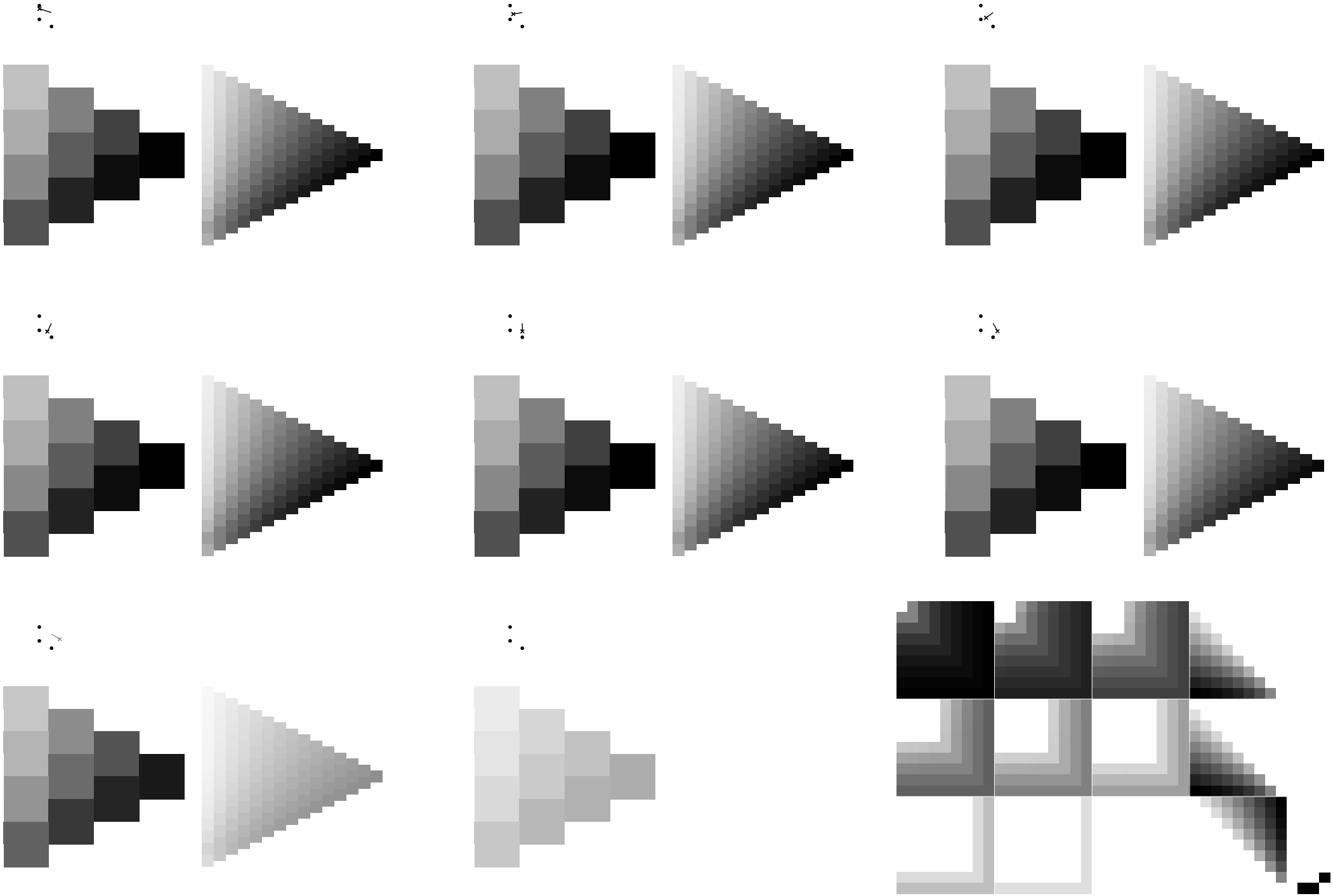
FRS19_96a; adapted (a) CIELAB data

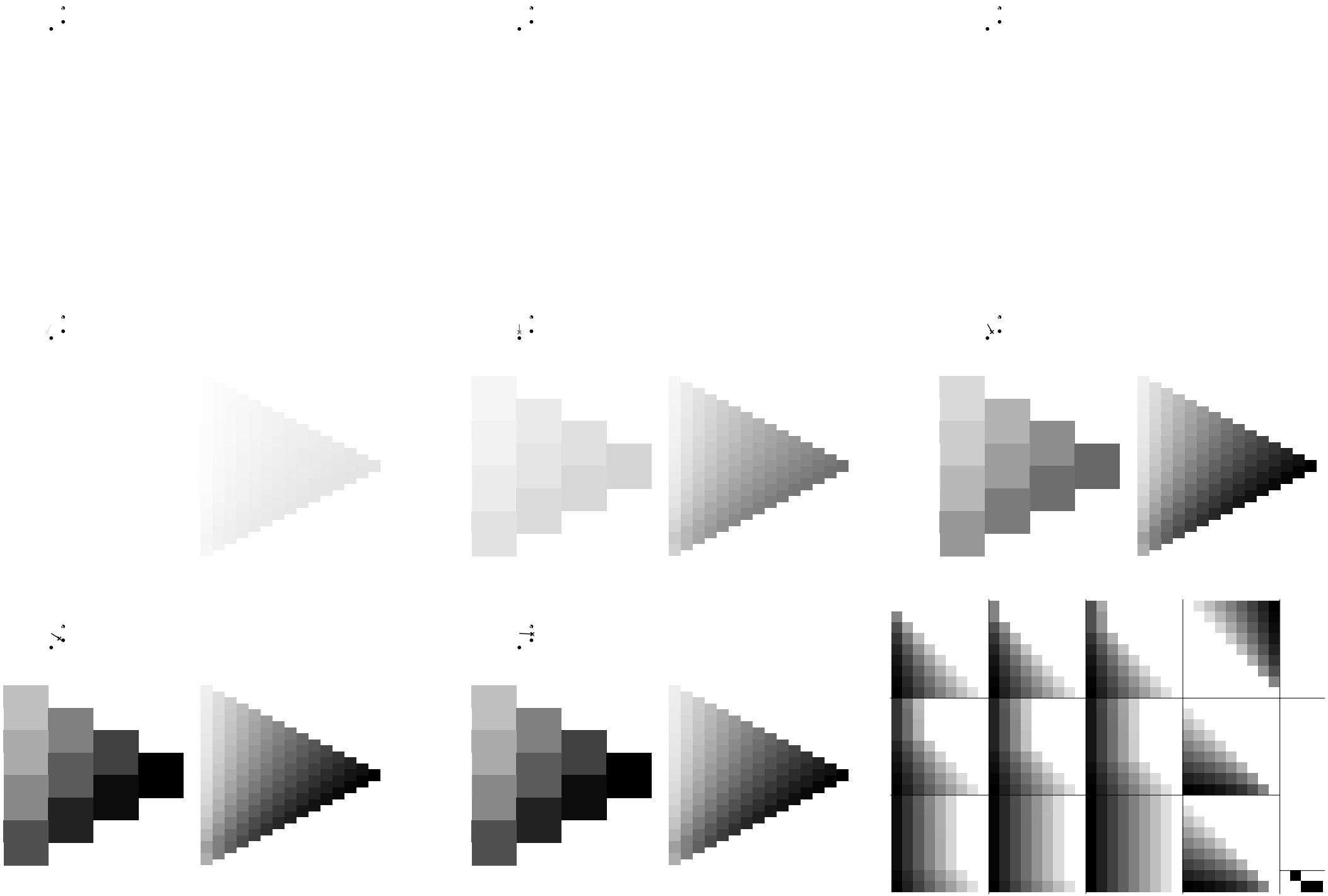
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	48.88	66.47	31.67	73.63	25	m84o
r25j	55.85	52.39	47.48	70.7	42	o17y
r50j	65.45	35.22	58.37	68.17	59	o42y
r75j	75.19	17.82	69.41	71.66	76	o67y
j00g	87.03	−3.35	82.83	82.9	92	o92y
j25g	80.72	−25.01	69.5	73.86	110	y20l
j50g	70.64	−39.54	51.97	65.3	127	y46l
j75g	61.93	−52.1	36.83	63.8	145	y72l
g00b	52.8	−65.28	20.93	68.56	162	y99l
g25b	55.7	−49.58	−8.39	50.28	190	l36c
g50b	57.82	−38.4	−28.92	48.07	217	l72c
g75b	55.5	−22.05	−45.95	50.97	244	c11v
b00r	41.6	1.37	−45.01	45.03	272	c56v
b25r	29.0	25.08	−43.13	49.89	300	v04m
b50r	38.04	46.53	−28.39	54.51	329	v55m
b75r	49.48	72.88	−3.76	72.98	357	m11o

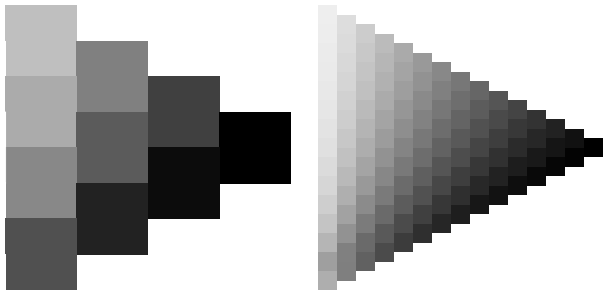


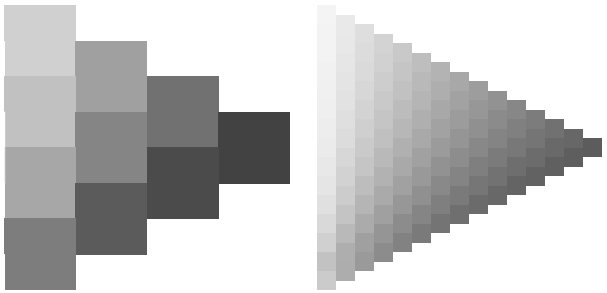


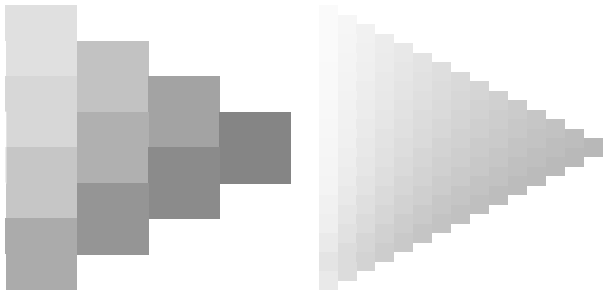


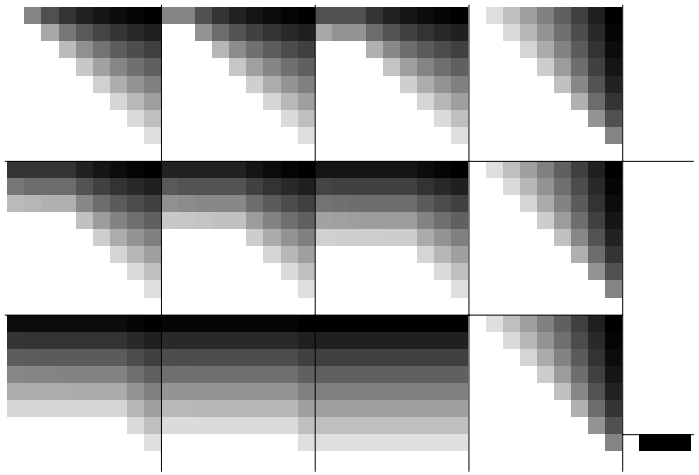


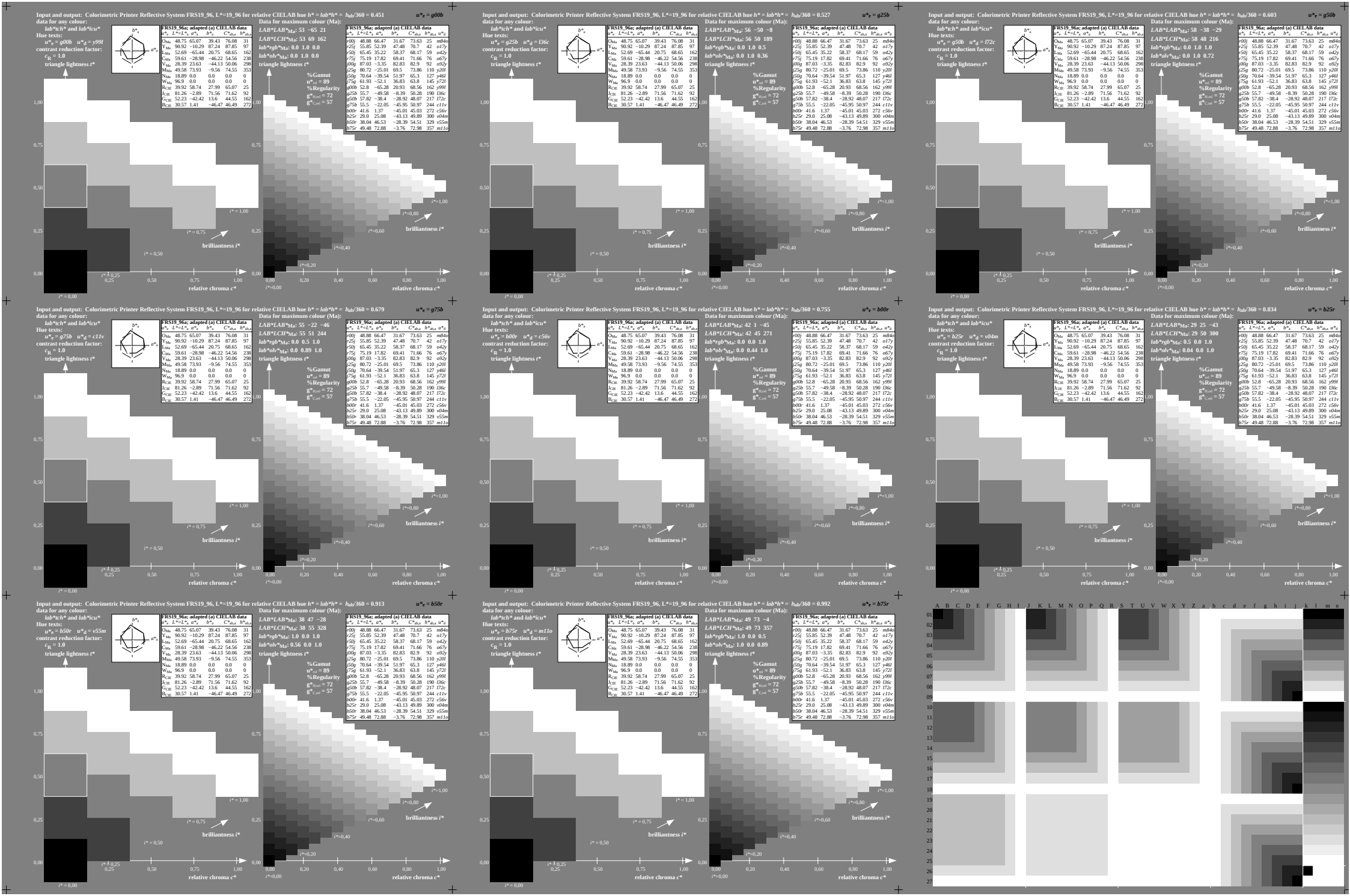











Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.451
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g00b u*d = y99l
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 53 −65 21
LAB*LCH*Ma: 53 69 162
lab*rgb*Ma: 0.0 1.0 0.0
lab*olv*Ma: 0.0 1.0 0.0
u*c = g00b
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sRGB = 89
%Regularity
g*R,sRGB = 72
g*C,sRGB = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.527
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g25b u*d = I36c
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 56 −50 −8
LAB*LCH*Ma: 56 50 189
lab*rgb*Ma: 0.0 1.0 0.5
lab*olv*Ma: 0.0 1.0 0.36
u*c = g25b
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sRGB = 89
%Regularity
g*R,sRGB = 72
g*C,sRGB = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.603
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g50b u*d = I72c
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 58 −38 −29
LAB*LCH*Ma: 58 48 216
lab*rgb*Ma: 0.0 1.0 1.0
lab*olv*Ma: 0.0 1.0 0.72
u*c = g50b
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sRGB = 89
%Regularity
g*R,sRGB = 72
g*C,sRGB = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.679
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g75b u*d = c11v
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 55 −22 −46
LAB*LCH*Ma: 55 51 244
lab*rgb*Ma: 0.0 0.5 1.0
lab*olv*Ma: 0.0 0.89 1.0
u*c = g75b
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sRGB = 89
%Regularity
g*R,sRGB = 72
g*C,sRGB = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.755
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b00r u*d = c56v
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 42 1 −45
LAB*LCH*Ma: 42 45 271
lab*rgb*Ma: 0.0 0.0 1.0
lab*olv*Ma: 0.0 0.44 1.0
u*c = b00r
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sRGB = 89
%Regularity
g*R,sRGB = 72
g*C,sRGB = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.834
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b25r u*d = v04m
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 29 25 −43
LAB*LCH*Ma: 29 50 300
lab*rgb*Ma: 0.5 0.0 1.0
lab*olv*Ma: 0.04 0.0 1.0
u*c = b25r
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sRGB = 89
%Regularity
g*R,sRGB = 72
g*C,sRGB = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.913
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b50r u*d = v55m
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 38 47 −28
LAB*LCH*Ma: 38 55 328
lab*rgb*Ma: 1.0 0.0 1.0
lab*olv*Ma: 0.56 0.0 1.0
u*c = b50r
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sRGB = 89
%Regularity
g*R,sRGB = 72
g*C,sRGB = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.992
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b75r u*d = m11o
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 49 73 −4
LAB*LCH*Ma: 49 73 357
lab*rgb*Ma: 1.0 0.0 0.5
lab*olv*Ma: 1.0 0.0 0.89
u*c = b75r
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sRGB = 89
%Regularity
g*R,sRGB = 72
g*C,sRGB = 57
brilliantness i*
relative chroma c*