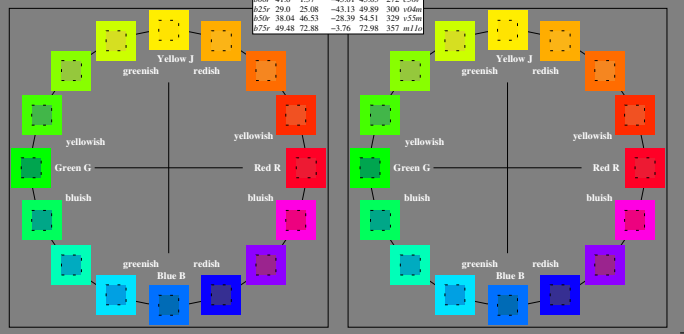
Input and output:
Colorimetric Printer Reflective System FRS19_96a
data for any colour:
u^*_R and number *no.* = 00 .. 15
elementary hue text:
u^*_R = 16 hues *r00j, r25j, ..., b75r*
contrast reduction factor:
c_R = 1.0

FRS19_96a; adapted (a) CIELAB data

u^*_R	$L^*_{a^*b^*}$	$a^*_{a^*b^*}$	$b^*_{a^*b^*}$	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
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*
b00v	41.6	1.37	−45.01	45.03	272	*c56v*
b25v	29.0	25.08	−43.13	49.89	300	*v04m*
b50v	38.04	46.53	−28.39	54.51	329	*v53m*
b75v	49.48	72.88	−3.76	72.98	357	*m11o*



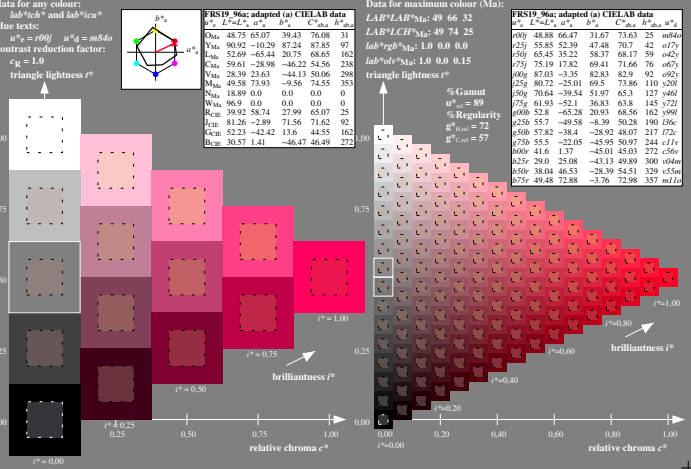
%Gamut u^*_{tol} = 89
%Regularity $g^R_{H,rel}$ = 72
g^R_{Cusp} = 57

FRS19_96a; adapted (a) CIELAB data

Name	$L^*_{a^*b^*}$	$a^*_{a^*b^*}$	$b^*_{a^*b^*}$	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
O_{Mu}	48.75	65.07	39.43	76.08	31	
Y_{Mu}	90.92	−10.29	87.24	87.85	97	
L_{Mu}	52.69	−65.44	20.75	68.65	162	
C_{Mu}	59.61	−28.98	−46.22	54.56	238	
V_{Mu}	28.39	23.63	−44.13	50.06	298	
M_{Mu}	49.58	73.93	−9.56	74.55	353	
W_{Mu}	96.9	0.0	0.0	0.0	0	
N_{BC}	18.89	0.0	0.0	0.0	0	
R_{CIE}	39.92	58.74	27.99	65.07	25	
I_{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	

Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.071$ $u^*_R = r00j$
data for any colour:
*lab*ch* and lab*icu**
Hue texts:
u^*_R = *r00j* u^*_d = *m84o*
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*olv**$_{Ma}$: 1.0 0.0 0.15

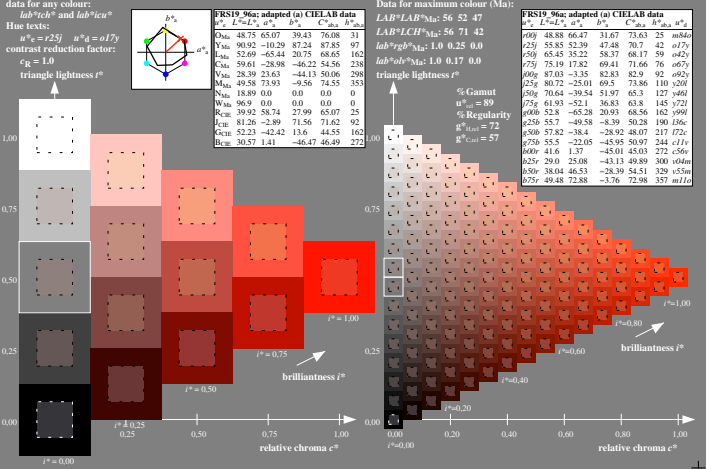


FRS19_96a; adapted (a) CIELAB data

u^*_R	$L^*_{a^*b^*}$	$a^*_{a^*b^*}$	$b^*_{a^*b^*}$	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
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*
b00v	41.6	1.37	−45.01	45.03	272	*c56v*
b25v	29.0	25.08	−43.13	49.89	300	*v04m*
b50v	38.04	46.53	−28.39	54.51	329	*v53m*
b75v	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 $h^* = lab^*h^* = h_{ab}/360 = 0.117$ $u^*_R = r25j$
data for any colour:
*lab*ch* and lab*icu**
Hue texts:
u^*_R = *r25j* u^*_d = *o17y*
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*olv**$_{Ma}$: 1.0 0.17 0.0

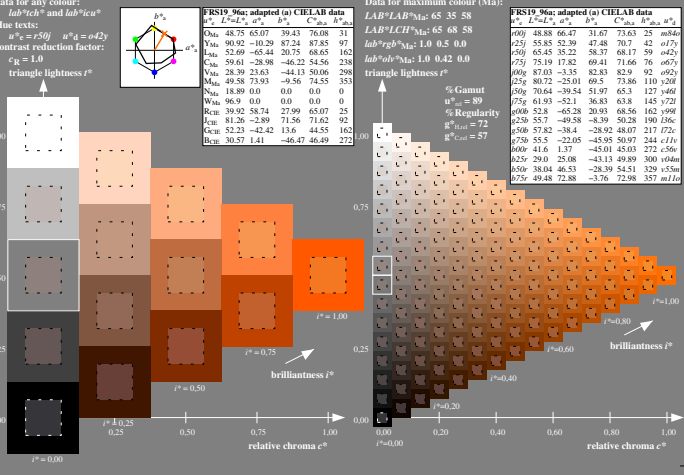


FRS19_96a; adapted (a) CIELAB data

u^*_R	$L^*_{a^*b^*}$	$a^*_{a^*b^*}$	$b^*_{a^*b^*}$	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
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*
b00v	41.6	1.37	−45.01	45.03	272	*c56v*
b25v	29.0	25.08	−43.13	49.89	300	*v04m*
b50v	38.04	46.53	−28.39	54.51	329	*v53m*
b75v	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 $h^* = lab^*h^* = h_{ab}/360 = 0.164$ $u^*_R = r50j$
data for any colour:
*lab*ch* and lab*icu**
Hue texts:
u^*_R = *r50j* u^*_d = *o42y*
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 58
*lab*rgb**$_{Ma}$: 1.0 0.5 0.0
*lab*olv**$_{Ma}$: 1.0 0.42 0.0

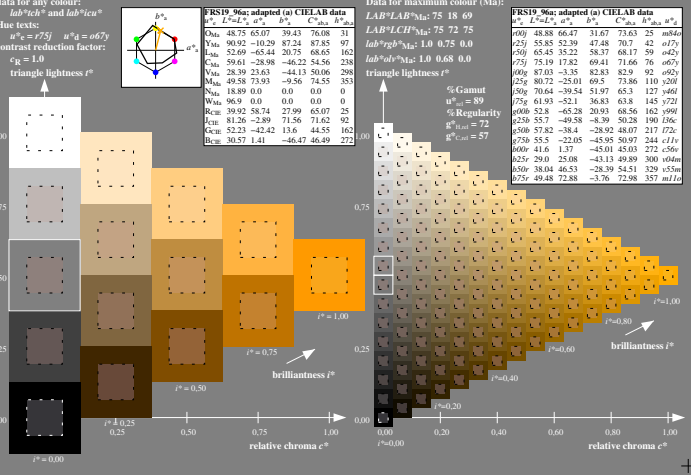


FRS19_96a; adapted (a) CIELAB data

u^*_R	$L^*_{a^*b^*}$	$a^*_{a^*b^*}$	$b^*_{a^*b^*}$	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
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*
b00v	41.6	1.37	−45.01	45.03	272	*c56v*
b25v	29.0	25.08	−43.13	49.89	300	*v04m*
b50v	38.04	46.53	−28.39	54.51	329	*v53m*
b75v	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 $h^* = lab^*h^* = h_{ab}/360 = 0.21$ $u^*_R = r75j$
data for any colour:
*lab*ch* and lab*icu**
Hue texts:
u^*_R = *r75j* u^*_d = *o67y*
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 75
*lab*rgb**$_{Ma}$: 1.0 0.75 0.0
*lab*olv**$_{Ma}$: 1.0 0.68 0.0

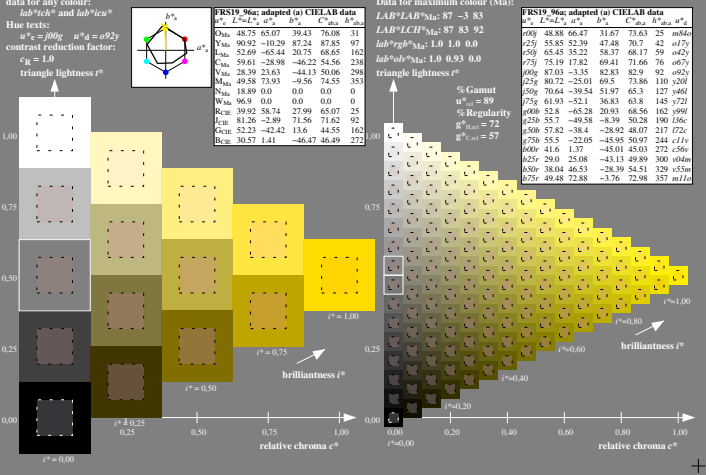


FRS19_96a; adapted (a) CIELAB data

u^*_R	$L^*_{a^*b^*}$	$a^*_{a^*b^*}$	$b^*_{a^*b^*}$	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
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*
b00v	41.6	1.37	−45.01	45.03	272	*c56v*
b25v	29.0	25.08	−43.13	49.89	300	*v04m*
b50v	38.04	46.53	−28.39	54.51	329	*v53m*
b75v	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 $h^* = lab^*h^* = h_{ab}/360 = 0.256$ $u^*_R = j00g$
data for any colour:
*lab*ch* and lab*icu**
Hue texts:
u^*_R = *j00g* u^*_d = *o92y*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 87 −3 83
*LAB*LCH**$_{Ma}$: 87 83 92
*lab*rgb**$_{Ma}$: 1.0 1.0 0.0
*lab*olv**$_{Ma}$: 1.0 0.93 0.0

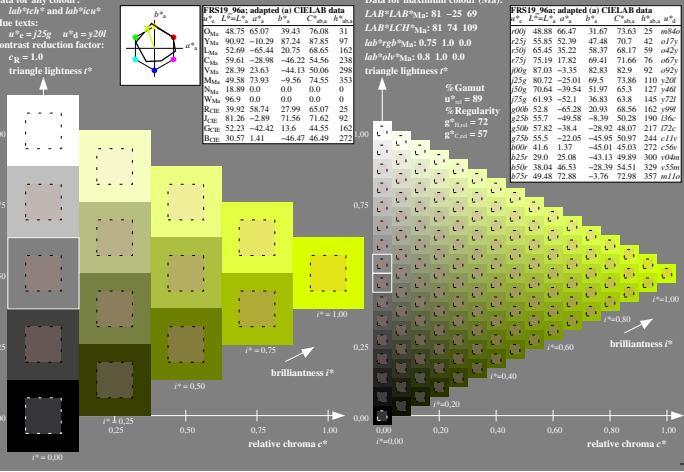


FRS19_96a; adapted (a) CIELAB data

u^*_R	$L^*_{a^*b^*}$	$a^*_{a^*b^*}$	$b^*_{a^*b^*}$	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
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*
b00v	41.6	1.37	−45.01	45.03	272	*c56v*
b25v	29.0	25.08	−43.13	49.89	300	*v04m*
b50v	38.04	46.53	−28.39	54.51	329	*v53m*
b75v	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 $h^* = lab^*h^* = h_{ab}/360 = 0.305$ $u^*_R = j25g$
data for any colour:
*lab*ch* and lab*icu**
Hue texts:
u^*_R = *j25g* u^*_d = *y20l*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 81 −25 69
*LAB*LCH**$_{Ma}$: 81 74 109
*lab*rgb**$_{Ma}$: 0.75 1.0 0.0
*lab*olv**$_{Ma}$: 0.8 1.0 0.0

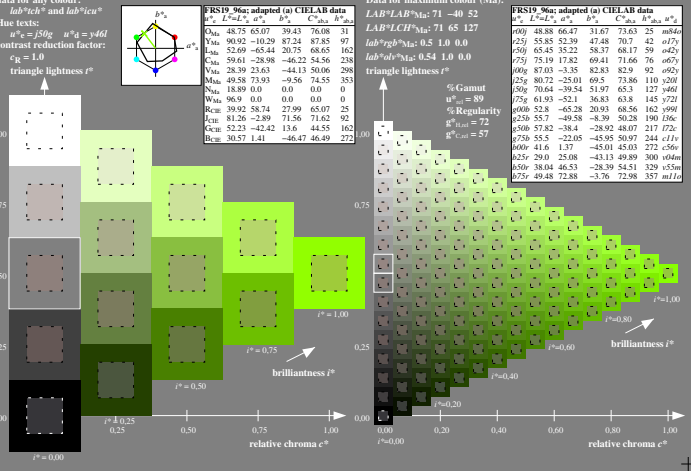


FRS19_96a; adapted (a) CIELAB data

u^*_R	$L^*_{a^*b^*}$	$a^*_{a^*b^*}$	$b^*_{a^*b^*}$	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
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*
b00v	41.6	1.37	−45.01	45.03	272	*c56v*
b25v	29.0	25.08	−43.13	49.89	300	*v04m*
b50v	38.04	46.53	−28.39	54.51	329	*v53m*
b75v	49.48	72.88	−3.76	72.98	357	*m11o*

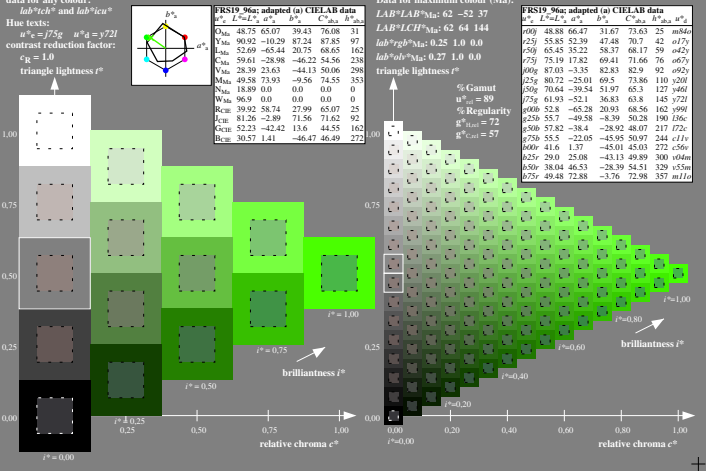
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.354$ $u^*_R = j50g$
data for any colour:
*lab*ch* and lab*icu**
Hue texts:
u^*_R = *j50g* u^*_d = *y46l*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 71 −40 52
*LAB*LCH**$_{Ma}$: 71 65 127
*lab*rgb**$_{Ma}$: 0.5 1.0 0.0
*lab*olv**$_{Ma}$: 0.54 1.0 0.0



FRS19_96a; adapted (a) CIELAB data

u^*_R	$L^*_{a^*b^*}$	$a^*_{a^*b^*}$	$b^*_{a^*b^*}$	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_R
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*
b00v	41.6	1.37	−45.01	45.03	272	*c56v*
b25v	29.0	25.08	−43.13	49.89	300	*v04m*
b50v	38.04	46.53	−28.39	54.51	329	*v53m*
b75v	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 $h^* = lab^*h^* = h_{ab}/360 = 0.402$ $u^*_R = j75g$
data for any colour:
*lab*ch* and lab*icu**
Hue texts:
u^*_R = *j75g* u^*_d = *y72l*
contrast reduction factor:
c_R = 1.0
triangle lightness *t**

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 62 −52 37
*LAB*LCH**$_{Ma}$: 62 64 144
*lab*rgb**$_{Ma}$: 0.25 1.0 0.0
*lab*olv**$_{Ma}$: 0.27 1.0 0.0