

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 37/360 = 0.102$

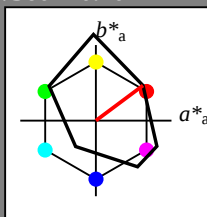
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 33 78 37

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



FRS06; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*TCHa 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 70.54 0.0 0.0
LAB*TCHa 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*TCHa 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.68 -1.25 -5.57
LAB*LABa 27.68 0.0 0.0
LAB*TCHa 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 1.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 77.12 15.14 7.09
LAB*LABa 77.12 15.57 11.62
LAB*TCHa 87.5 19.43 36.72

relative CIELAB lab*
lab*lab 0.827 0.244 0.056
lab*tch 0.875 0.25 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.827 0.244 0.056
lab*tce 0.875 0.25 0.102
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.5 (1.0)
cmyn3* 0.25 0.5 0.5 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 55.69 14.79 7.94
LAB*LABa 55.69 15.58 11.62
LAB*TCHa 62.5 19.44 36.72

relative CIELAB lab*
lab*lab 0.653 0.401 0.299
lab*tch 0.625 0.25 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.653 0.401 0.299
lab*tce 0.625 0.25 0.102
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olv3* 0.5 0.25 0.25 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 40.84 30.12 20.15
LAB*LABa 40.84 31.16 23.24
LAB*TCHa 50.0 38.88 36.72

relative CIELAB lab*
lab*lab 0.48 0.601 0.448
lab*tch 0.48 0.601 0.448
lab*nch 0.0 0.5 0.102
relative Natural Colour (NC)
lab*trj 0.48 0.601 0.448
lab*tce 0.48 0.601 0.448
lab*nce 0.0 0.5 0.14

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 1.0 (0.0)
olv4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 19.42 29.75 20.99
LAB*LABa 19.42 31.16 23.24
LAB*TCHa 25.01 38.88 36.72

relative CIELAB lab*
lab*lab 0.327 0.244 0.056
lab*tch 0.375 0.25 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.327 0.244 0.056
lab*tce 0.375 0.25 0.102
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (1.0)
cmyn3* 0.75 1.0 1.0 (0.0)
olv4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 12.84 14.06 9.63
LAB*LABa 12.84 15.57 11.62
LAB*TCHa 12.5 19.43 36.72

relative CIELAB lab*
lab*lab 0.077 0.2 0.149
lab*tch 0.125 0.25 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.077 0.2 0.149
lab*tce 0.125 0.25 0.102
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olv3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 62.27 30.47 19.3
LAB*LABa 62.27 31.16 23.24
LAB*TCHa 75.0 38.88 36.72

relative CIELAB lab*
lab*lab 0.653 0.401 0.299
lab*tch 0.625 0.25 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.653 0.401 0.299
lab*tce 0.625 0.25 0.102
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olv3* 0.75 0.0 0.0 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 47.42 45.8 31.51
LAB*LABa 47.42 46.74 34.86
LAB*TCHa 62.5 58.31 36.72

relative CIELAB lab*
lab*lab 0.48 0.601 0.448
lab*tch 0.48 0.601 0.448
lab*nch 0.0 0.5 0.102
relative Natural Colour (NC)
lab*trj 0.48 0.601 0.448
lab*tce 0.48 0.601 0.448
lab*nce 0.0 0.5 0.14

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.25 1.0 1.0 (0.0)
olv4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 26.0 45.44 32.35
LAB*LABa 26.0 46.74 34.86
LAB*TCHa 37.5 58.31 36.72

relative CIELAB lab*
lab*lab 0.23 0.601 0.448
lab*tch 0.375 0.25 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.23 0.601 0.448
lab*tce 0.375 0.25 0.102
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 1.0 (0.0)
olv4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 19.42 29.75 20.99
LAB*LABa 19.42 31.16 23.24
LAB*TCHa 25.01 38.88 36.72

relative CIELAB lab*
lab*lab 0.154 0.401 0.299
lab*tch 0.25 0.5 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.154 0.401 0.299
lab*tce 0.25 0.5 0.102
lab*nce 0.0 0.25 0.14

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 1.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.57 61.13 43.71
LAB*LABa 32.57 62.31 46.48
LAB*TCHa 50.0 77.74 36.72

relative CIELAB lab*
lab*lab 0.307 0.801 0.598
lab*tch 0.5 1.0 0.102
lab*nch 0.0 1.0 0.102
relative Natural Colour (NC)
lab*trj 0.307 0.801 0.598
lab*tce 0.5 1.0 0.102
lab*nce 0.0 1.0 0.14

relative Inform. Technology (IT)
olv3* 0.75 0.0 0.0 (1.0)
cmyn3* 0.25 1.0 1.0 (0.0)
olv4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 26.0 45.44 32.35
LAB*LABa 26.0 46.74 34.86
LAB*TCHa 37.5 58.31 36.72

relative CIELAB lab*
lab*lab 0.23 0.601 0.448
lab*tch 0.375 0.25 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.23 0.601 0.448
lab*tce 0.375 0.25 0.102
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.25 1.0 1.0 (0.0)
olv4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 19.42 29.75 20.99
LAB*LABa 19.42 31.16 23.24
LAB*TCHa 25.01 38.88 36.72

relative CIELAB lab*
lab*lab 0.154 0.401 0.299
lab*tch 0.25 0.5 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.154 0.401 0.299
lab*tce 0.25 0.5 0.102
lab*nce 0.0 0.25 0.14

$n^* = 0.25$

$n^* = 0.00$

blackness n^*

chromaticness c^*

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 37/360 = 0.102$

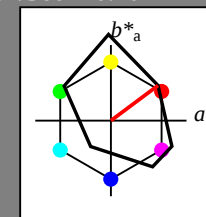
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 33 78 37

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*TCHa 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 70.54 0.0 0.0
LAB*TCHa 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*TCHa 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.68 -1.25 -5.57
LAB*LABa 27.68 0.0 0.0
LAB*TCHa 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 1.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 77.12 15.14 7.09
LAB*LABa 77.12 15.57 11.62
LAB*TCHa 87.5 19.43 36.72

relative CIELAB lab*
lab*lab 0.827 0.244 0.056
lab*tch 0.875 0.25 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.827 0.244 0.056
lab*tce 0.875 0.25 0.102
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.5 (1.0)
cmyn3* 0.25 0.5 0.5 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 55.69 14.79 7.94
LAB*LABa 55.69 15.58 11.62
LAB*TCHa 62.5 19.44 36.72

relative CIELAB lab*
lab*lab 0.653 0.401 0.299
lab*tch 0.625 0.25 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.653 0.401 0.299
lab*tce 0.625 0.25 0.102
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olv3* 0.5 0.25 0.25 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 40.84 30.12 20.15
LAB*LABa 40.84 31.16 23.24
LAB*TCHa 50.0 38.88 36.72

relative CIELAB lab*
lab*lab 0.48 0.601 0.448
lab*tch 0.48 0.601 0.448
lab*nch 0.0 0.5 0.102
relative Natural Colour (NC)
lab*trj 0.48 0.601 0.448
lab*tce 0.48 0.601 0.448
lab*nce 0.0 0.5 0.14

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.25 1.0 1.0 (0.0)
olv4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 19.42 29.75 20.99
LAB*LABa 19.42 31.16 23.24
LAB*TCHa 25.01 38.88 36.72

relative CIELAB lab*
lab*lab 0.327 0.244 0.056
lab*tch 0.375 0.25 0.102
lab*nch 0.0 0.25 0.102
relative Natural Colour (NC)
lab*trj 0.327 0.244 0.056
lab*tce 0.375 0.25 0.102
lab*nce 0.0 0.25 0.14

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (1.0)
cmyn3* 0.75 1.0 1.0 (0.0)
olv4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 12.84 14.06 9.63
LAB

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 92/360 = 0.254$

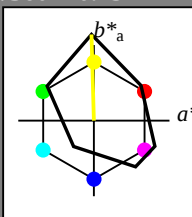
lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 83 114 92

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
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W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*TCHa 91.97 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 68.23 -0.78 28.49
LAB*TCHa 75.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*TCHa 50.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmv3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.68 -1.25 -2.57
LAB*LABa 27.68 0.0 0.0
LAB*TCHa 25.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmv3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 1.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 89.65 -1.0 23.47
LAB*LABa 89.65 -0.78 28.49
LAB*TCHa 87.5 28.5 91.59

relative CIELAB lab*
lab*lab 0.973 0.002 0.25
lab*tch 0.875 0.25 0.254
lab*nch 0.0 0.25 0.254
relative Natural Colour (NC)
lab*trj 0.973 0.002 0.25
lab*tce 0.875 0.25 0.254
lab*nce 0.0 0.25 0.254

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 68.23 -1.37 24.32
LAB*LABa 68.23 -0.78 28.49
LAB*TCHa 62.5 28.51 91.59

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 46.8 -1.73 25.17
LAB*LABa 46.8 -0.78 28.49
LAB*TCHa 50.0 50.0 91.59

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmv3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.37 -2.5 0.349
LAB*LABa 25.37 -0.78 28.49
LAB*TCHa 25.0 57.0 91.59

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmv3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 2.57 -2.09 26.0
LAB*LABa 2.57 -0.78 28.49
LAB*TCHa 12.5 28.5 91.59

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 87.34 -1.83 52.05
LAB*LABa 87.34 -1.58 56.98
LAB*TCHa 75.0 57.0 91.59

relative CIELAB lab*
lab*lab 0.946 -0.013 0.5
lab*tch 0.75 0.5 0.254
lab*nch 0.0 0.5 0.254
relative Natural Colour (NC)
lab*trj 0.946 0.004 0.5
lab*tce 0.75 0.5 0.254
lab*nce 0.0 0.5 0.254

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 65.92 -2.2 52.91
LAB*LABa 65.92 -1.58 56.98
LAB*TCHa 50.0 57.0 91.59

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 46.8 -1.73 25.17
LAB*LABa 46.8 -0.78 28.49
LAB*TCHa 50.0 50.0 91.59

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmv3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.37 -2.5 0.349
LAB*LABa 25.37 -0.78 28.49
LAB*TCHa 25.0 57.0 91.59

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmv3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 2.57 -2.09 26.0
LAB*LABa 2.57 -0.78 28.49
LAB*TCHa 12.5 28.5 91.59

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 85.03 -2.67 80.64
LAB*LABa 85.03 -2.37 85.48
LAB*TCHa 62.5 85.51 91.59

relative CIELAB lab*
lab*lab 0.919 -0.02 0.75
lab*tch 0.625 0.75 0.254
lab*nch 0.0 0.75 0.254
relative Natural Colour (NC)
lab*trj 0.919 0.006 0.75
lab*tce 0.625 0.75 0.254
lab*nce 0.0 0.75 0.254

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 82.72 -3.5 109.22
LAB*LABa 82.72 -3.16 113.96
LAB*TCHa 50.0 114.01 91.59

relative CIELAB lab*
lab*lab 0.892 -0.027 0.999
lab*tch 0.5 1.0 0.254
lab*nch 0.0 1.0 0.254
relative Natural Colour (NC)
lab*trj 0.892 0.007 1.0
lab*tce 0.5 1.0 0.254
lab*nce 0.0 1.0 0.254

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 63.61 -3.03 81.49
LAB*LABa 63.61 -2.37 85.48
LAB*TCHa 37.51 85.51 91.59

relative CIELAB lab*
lab*lab 0.669 -0.02 0.75
lab*tch 0.375 0.75 0.254
lab*nch 0.0 0.75 0.254
relative Natural Colour (NC)
lab*trj 0.669 0.006 0.75
lab*tce 0.375 0.75 0.254
lab*nce 0.0 0.75 0.254

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmv3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.74 -2.25 0.37
LAB*LABa 27.74 0.0 0.0
LAB*TCHa 25.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmv3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 1.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.0 0.0 0.0

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*TCHa 91.97 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 68.23 -0.78 28.49
LAB*TCHa 75.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*TCHa 50.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmv3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.74 -2.25 0.37
LAB*LABa 27.74 0.0 0.0
LAB*TCHa 25.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmv3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 1.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.0 0.0 0.0

$n^* = 0.25$

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 92/360 = 0.254$

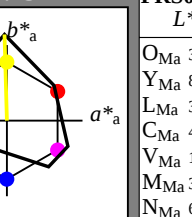
lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 83 114 92

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



FRS06; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*TCHa 91.97 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 68.23 -0.78 28.49
LAB*TCHa 75.0 0.0 0.0

Input: Colorimetric Printer Reflective System FRS06

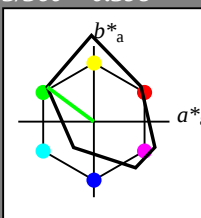
for hue $h^* = lab^*h = 143/360 = 0.398$
 lab^*tch and lab^*nch

D65: hue L

LCH*Ma: 39 77 143

olv*Ma: 0.0 1.0 0.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 115$

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
olv4*	0.5	0.5	0.5	(0.0)
olv5*	0.5	0.5	0.5	(0.0)
olv6*	0.5	0.5	0.5	(0.0)
olv7*	0.5	0.5	0.5	(0.0)
olv8*	0.5	0.5	0.5	(0.0)
olv9*	0.5	0.5	0.5	(0.0)
olv10*	0.5	0.5	0.5	(0.0)
olv11*	0.5	0.5	0.5	(0.0)
olv12*	0.5	0.5	0.5	(0.0)
olv13*	0.5	0.5	0.5	(0.0)
olv14*	0.5	0.5	0.5	(0.0)
olv15*	0.5	0.5	0.5	(0.0)
olv16*	0.5	0.5	0.5	(0.0)
olv17*	0.5	0.5	0.5	(0.0)
olv18*	0.5	0.5	0.5	(0.0)
olv19*	0.5	0.5	0.5	(0.0)
olv20*	0.5	0.5	0.5	(0.0)
olv21*	0.5	0.5	0.5	(0.0)
olv22*	0.5	0.5	0.5	(0.0)
olv23*	0.5	0.5	0.5	(0.0)
olv24*	0.5	0.5	0.5	(0.0)
olv25*	0.5	0.5	0.5	(0.0)
olv26*	0.5	0.5	0.5	(0.0)
olv27*	0.5	0.5	0.5	(0.0)
olv28*	0.5	0.5	0.5	(0.0)
olv29*	0.5	0.5	0.5	(0.0)
olv30*	0.5	0.5	0.5	(0.0)
olv31*	0.5	0.5	0.5	(0.0)
olv32*	0.5	0.5	0.5	(0.0)
olv33*	0.5	0.5	0.5	(0.0)
olv34*	0.5	0.5	0.5	(0.0)
olv35*	0.5	0.5	0.5	(0.0)
olv36*	0.5	0.5	0.5	(0.0)
olv37*	0.5	0.5	0.5	(0.0)
olv38*	0.5	0.5	0.5	(0.0)
olv39*	0.5	0.5	0.5	(0.0)
olv40*	0.5	0.5	0.5	(0.0)
olv41*	0.5	0.5	0.5	(0.0)
olv42*	0.5	0.5	0.5	(0.0)
olv43*	0.5	0.5	0.5	(0.0)
olv44*	0.5	0.5	0.5	(0.0)
olv45*	0.5	0.5	0.5	(0.0)
olv46*	0.5	0.5	0.5	(0.0)
olv47*	0.5	0.5	0.5	(0.0)
olv48*	0.5	0.5	0.5	(0.0)
olv49*	0.5	0.5	0.5	(0.0)
olv50*	0.5	0.5	0.5	(0.0)
olv51*	0.5	0.5	0.5	(0.0)
olv52*	0.5	0.5	0.5	(0.0)
olv53*	0.5	0.5	0.5	(0.0)
olv54*	0.5	0.5	0.5	(0.0)
olv55*	0.5	0.5	0.5	(0.0)
olv56*	0.5	0.5	0.5	(0.0)
olv57*	0.5	0.5	0.5	(0.0)
olv58*	0.5	0.5	0.5	(0.0)
olv59*	0.5	0.5	0.5	(0.0)
olv60*	0.5	0.5	0.5	(0.0)
olv61*	0.5	0.5	0.5	(0.0)
olv62*	0.5	0.5	0.5	(0.0)
olv63*	0.5	0.5	0.5	(0.0)
olv64*	0.5	0.5	0.5	(0.0)
olv65*	0.5	0.5	0.5	(0.0)
olv66*	0.5	0.5	0.5	(0.0)
olv67*	0.5	0.5	0.5	(0.0)
olv68*	0.5	0.5	0.5	(0.0)
olv69*	0.5	0.5	0.5	(0.0)
olv70*	0.5	0.5	0.5	(0.0)
olv71*	0.5	0.5	0.5	(0.0)
olv72*	0.5	0.5	0.5	(0.0)
olv73*	0.5	0.5	0.5	(0.0)
olv74*	0.5	0.5	0.5	(0.0)
olv75*	0.5	0.5	0.5	(0.0)
olv76*	0.5	0.5	0.5	(0.0)
olv77*	0.5	0.5	0.5	(0.0)
olv78*	0.5	0.5	0.5	(0.0)
olv79*	0.5	0.5	0.5	(0.0)
olv80*	0.5	0.5	0.5	(0.0)
olv81*	0.5	0.5	0.5	(0.0)
olv82*	0.5	0.5	0.5	(0.0)
olv83*	0.5	0.5	0.5	(0.0)
olv84*	0.5	0.5	0.5	(0.0)
olv85*	0.5	0.5	0.5	(0.0)
olv86*	0.5	0.5	0.5	(0.0)
olv87*	0.5	0.5	0.5	(0.0)
olv88*	0.5	0.5	0.5	(0.0)
olv89*	0.5	0.5	0.5	(0.0)
olv90*	0.5	0.5	0.5	(0.0)
olv91*	0.5	0.5	0.5	(0.0)
olv92*	0.5	0.5	0.5	(0.0)
olv93*	0.5	0.5	0.5	(0.0)
olv94*	0.5	0.5	0.5	(0.0)
olv95*	0.5	0.5	0.5	(0.0)
olv96*	0.5	0.5	0.5	(0.0)
olv97*	0.5	0.5	0.5	(0.0)
olv98*	0.5	0.5	0.5	(0.0)
olv99*	0.5	0.5	0.5	(0.0)
olv100*	0.5	0.5	0.5	(0.0)

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
olv4*	0.5	0.5	0.5	(0.0)
olv5*	0.5	0.5	0.5	(0.0)
olv6*	0.5	0.5	0.5	(0.0)
olv7*	0.5	0.5	0.5	(0.0)
olv8*	0.5	0.5	0.5	(0.0)
olv9*	0.5	0.5	0.5	(0.0)
olv10*	0.5	0.5	0.5	(0.0)
olv11*	0.5	0.5	0.5	(0.0)
olv12*	0.5	0.5	0.5	(0.0)
olv13*	0.5	0.5	0.5	(0.0)
olv14*	0.5	0.5	0.5	(0.0)
olv15*	0.5	0.5	0.5	(0.0)
olv16*	0.5	0.5	0.5	(0.0)
olv17*	0.5	0.5	0.5	(0.0)
olv18*	0.5	0.5	0.5	(0.0)
olv19*	0.5	0.5	0.5	(0.0)
olv20*	0.5	0.5	0.5	(0.0)
olv21*	0.5	0.5	0.5	(0.0)
olv22*	0.5	0.5	0.5	(0.0)
olv23*	0.5	0.5	0.5	(0.0)
olv24*	0.5	0.5	0.5	(0.0)
olv25*	0.5	0.5	0.5	(0.0)
olv26*	0.5	0.5	0.5	(0.0)
olv27*	0.5	0.5	0.5	(0.0)
olv28*	0.5	0.5	0.5	(0.0)
olv29*	0.5	0.5	0.5	(0.0)
olv30*	0.5	0.5	0.5	(0.0)
olv31*	0.5	0.5	0.5	(0.0)
olv32*	0.5	0.5	0.5	(0.0)
olv33*	0.5	0.5	0.5	(0.0)
olv34*	0.5	0.5	0.5	(0.0)
olv35*	0.5	0.5	0.5	(0.0)
olv36*	0.5	0.5	0.5	(0.0)
olv37*	0.5	0.5	0.5	(0.0)
olv38*	0.5	0.5	0.5	(0.0)
olv39*	0.5	0.5	0.5	(0.0)
olv40*	0.5	0.5	0.5	(0.0)
olv41*	0.5	0.5	0.5	(0.0)
olv42*	0.5	0.5	0.5	(0.0)
olv43*	0.5	0.5	0.5	(0.0)
olv44*	0.5	0.5	0.5	(0.0)
olv45*	0.5	0.5	0.5	(0.0)
olv46*	0.5	0.5	0.5	(0.0)
olv47*	0.5	0.5	0.5	(0.0)
olv48*	0.5	0.5	0.5	(0.0)
olv49*	0.5	0.5	0.5	(0.0)
olv50*	0.5	0.5	0.5	(0.0)
olv51*	0.5	0.5	0.5	(0.0)
olv52*	0.5	0.5	0.5	(0.0)
olv53*	0.5	0.5	0.5	(0.0)
olv54*	0.5	0.5	0.5	(0.0)
olv55*	0.5	0.5	0.5	(0.0)
olv56*	0.5	0.5	0.5	(0.0)
olv57*	0.5	0.5	0.5	(0.0)
olv58*	0.5	0.5	0.5	(0.0)
olv59*	0.5	0.5	0.5	(0.0)
olv60*	0.5	0.5	0.5	(0.0)
olv61*	0.5	0.5	0.5	(0.0)
olv62*	0.5	0.5	0.5	(0.0)
olv63*	0.5	0.5	0.5	(0.0)
olv64*	0.5	0.5	0.5	(0.0)
olv65*	0.5	0.5	0.5	(0.0)
olv66*	0.5	0.5	0.5	(0.0)
olv67*	0.5	0.5	0.5	(0.0)
olv68*	0.5	0.5	0.5	(0.0)
olv69*	0.5	0.5	0.5	(0.0)
olv70*	0.5	0.5	0.5	(0.0)
olv71*	0.5	0.5	0.5	(0.0)
olv72*	0.5	0.5	0.5	(0.0)
olv73*	0.5	0.5	0.5	(0.0)
olv74*	0.5	0.5	0.5	(0.0)
olv75*	0.5	0.5	0.5	(0.0)
olv76*	0.5	0.5	0.5	(0.0)
olv77*	0.5	0.5	0.5	(0.0)
olv78*	0.5	0.5	0.5	(0.0)
olv79*	0.5	0.5	0.5	(0.0)
olv80*	0.5	0.5	0.5	(0.0)
olv81*	0.5	0.5	0.5	(0.0)
olv82*	0.5	0.5	0.5	(0.0)
olv83*	0.5	0.5	0.5	(0.0)
olv84*	0.5	0.5	0.5	(0.0)
olv85*	0.5	0.5	0.5	(0.0)
olv86*	0.5	0.5	0.5	(0.0)
olv87*	0.5	0.5	0.5	(0.0)
olv88*	0.5	0.5	0.5	(0.0)
olv89*	0.5	0.5	0.5	(0.0)
olv90*	0.5	0.5	0.5	(0.0)
olv91*	0.5	0.5	0.5	(0.0)
olv92*	0.5	0.5	0.5	(0.0)
olv93*	0.5	0.5	0.5	(0.0)
olv94*	0.5	0.5	0.5	(0.0)
olv95*	0.5	0.5	0.5	(0.0)
olv96*	0.5	0.5	0.5	(0.0)
olv97*	0.5	0.5	0.5	(0.0)
olv98*	0.5	0.5	0.5	(0.0)
olv99*	0.5	0.5	0.5	(0.0)
olv100*	0.5	0.5	0.5	(0.0)

FRS06; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (U

olv3*	0.5	1.0	0.5	(1
cmyn3*	0.5	0.0	0.5	(0
olv4*	0.5	1.0	0.5	1.
cmyn4*	0.5	0.0	0.5	0.

standard and adapted CIELAB

LAB*LAB	65.7	-31.51	18.8
LAD*LAB ₀	65.7	-30.99	22.6

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 232/360 = 0.644$

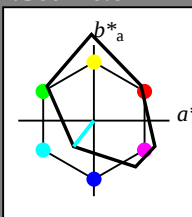
lab^*tch and lab^*nch

D65: hue C

LCH*Ma: 48 43 232

olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 70.54 0.0 0.0
LAB*LABb 70.54 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*LABb 49.11 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.06 -1.67 -2.37
LAB*LABa 27.06 0.0 0.0
LAB*LABb 27.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.6 1.73
LAB*LABa 6.26 0.0 0.0
LAB*LABb 6.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

VE25-7, 5 step scales for constant CIELAB hue 232/360 = 0.644 (left)

FRS06; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 69.91 -1.39 -21.35
LAB*LABa 69.91 0.0 0.0
LAB*LABb 69.91 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 48.49 -14.31 -20.51
LAB*LABa 48.49 0.0 0.0
LAB*LABb 48.49 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 27.06 -1.67 -2.37
LAB*LABa 27.06 0.0 0.0
LAB*LABb 27.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.6 1.73
LAB*LABa 6.26 0.0 0.0
LAB*LABb 6.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 0.50$

5 step scales for constant CIELAB hue 232/360 = 0.644 (right)

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 232/360 = 0.644$

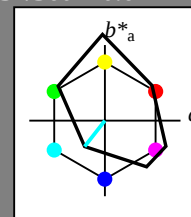
lab^*tch and lab^*nch

D65: hue C

LCH*Ma: 48 43 232

olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*LABb 91.97 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 70.54 0.0 0.0
LAB*LABb 70.54 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*LABb 49.11 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.06 -1.67 -2.37
LAB*LABa 27.06 0.0 0.0
LAB*LABb 27.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.6 1.73
LAB*LABa 6.26 0.0 0.0
LAB*LABb 6.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

5 step scales for constant CIELAB hue 232/360 = 0.644 (right)

FRS06; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 69.91 -1.39 -21.35
LAB*LABa 69.91 0.0 0.0
LAB*LABb 69.91 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 48.49 -14.31 -20.51
LAB*LABa 48.49 0.0 0.0
LAB*LABb 48.49 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 27.06 -1.67 -2.37
LAB*LABa 27.06 0.0 0.0
LAB*LABb 27.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.6 1.73
LAB*LABa 6.26 0.0 0.0
LAB*LABb 6.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 0.50$

5 step scales for constant CIELAB hue 232/360 = 0.644 (right)

input: $olv^* setrgbcolor$

output: no change compared to input

BAM-test chart VE25; Colorimetric systems FRS06 & FRS06

D65: 2 coordinate data of 5 step colour scales for 10 hues

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 312/360 = 0.867$

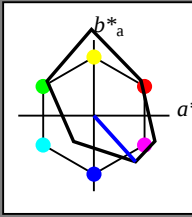
lab^*tch and lab^*nch

D65: hue V

LCH*Ma: 10 82 312

olv*Ma: 0.0 0.0 1.0

triangle lightness t^*



FRS06; adapted (a) CIELAB data

	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*TCHa 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 51.06 27.56 -30.51
LAB*TCHa 75.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*TCHa 75.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.56 -1.62 -5.57
LAB*LABa 27.56 0.0 0.0
LAB*TCHa 25.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.52 13.78 -15.24
LAB*LABa 51.06 27.56 -30.51
LAB*TCHa 87.5 20.55 312.09

relative CIELAB lab*
lab*lab 0.75 0.167 -0.184
lab*tch 0.875 0.25 0.867
lab*nch 0.0 0.25 0.867
relative Natural Colour (NC)
lab*trj 0.75 0.127 -0.214
lab*trc 0.875 0.25 0.835
lab*ncc 0.0 0.25 0.835

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 51.06 26.68 -34.0
LAB*LABa 51.06 27.56 -30.51
LAB*TCHa 75.0 0.01 41.11 312.09

relative CIELAB lab*
lab*lab 0.5 0.335 -0.37
lab*tch 0.75 0.5 0.867
lab*nch 0.0 0.5 0.867
relative Natural Colour (NC)
lab*trj 0.5 0.254 -0.43
lab*trc 0.75 0.5 0.835
lab*ncc 0.0 0.5 0.835

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 29.64 26.33 -33.16
LAB*LABa 29.64 27.56 -30.51
LAB*TCHa 50.0 0.01 41.11 312.09

relative CIELAB lab*
lab*lab 0.25 0.168 -0.185
lab*tch 0.625 0.25 0.867
lab*nch 0.0 0.25 0.867
relative Natural Colour (NC)
lab*trj 0.511 0.127 -0.214
lab*trc 0.625 0.25 0.835
lab*ncc 0.0 0.25 0.835

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.66 12.53 -17.86
LAB*LABa 28.66 13.78 -15.25
LAB*TCHa 37.5 20.56 312.09

relative CIELAB lab*
lab*lab 0.0 0.261 0.168 -0.185
lab*tch 0.375 0.25 0.867
lab*nch 0.0 0.25 0.867
relative Natural Colour (NC)
lab*trj 0.261 0.127 -0.214
lab*trc 0.375 0.25 0.835
lab*ncc 0.0 0.25 0.835

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 30.61 40.12 -48.45
LAB*LABa 30.61 41.34 -45.76
LAB*TCHa 62.5 61.67 312.09

relative CIELAB lab*
lab*lab 0.284 0.503 -0.556
lab*tch 0.625 0.75 0.867
lab*nch 0.0 0.75 0.867
relative Natural Colour (NC)
lab*trj 0.284 0.381 -0.645
lab*trc 0.625 0.75 0.835
lab*ncc 0.0 0.75 0.835

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 10.17 55.11 -61.01
LAB*LABa 10.17 55.11 -61.01
LAB*TCHa 50.0 82.23 312.09

relative CIELAB lab*
lab*lab 0.0 0.46 0.67 -0.741
lab*tch 0.5 1.0 0.867
lab*nch 0.0 1.0 0.867
relative Natural Colour (NC)
lab*trj 0.0 0.46 0.508 -0.86
lab*trc 0.5 1.0 0.835
lab*ncc 0.0 1.0 0.835

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.66 12.53 -17.86
LAB*LABa 28.66 13.78 -15.25
LAB*TCHa 37.5 20.56 312.09

relative CIELAB lab*
lab*lab 0.25 0.261 0.168 -0.185
lab*tch 0.375 0.25 0.867
lab*nch 0.0 0.25 0.867
relative Natural Colour (NC)
lab*trj 0.25 0.127 -0.214
lab*trc 0.375 0.25 0.835
lab*ncc 0.0 0.25 0.835

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.66 12.53 -17.86
LAB*LABa 28.66 13.78 -15.25
LAB*TCHa 37.5 20.56 312.09

relative CIELAB lab*
lab*lab 0.25 0.261 0.168 -0.185
lab*tch 0.375 0.25 0.867
lab*nch 0.0 0.25 0.867
relative Natural Colour (NC)
lab*trj 0.25 0.127 -0.214
lab*trc 0.375 0.25 0.835
lab*ncc 0.0 0.25 0.835

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 30.61 40.12 -48.45
LAB*LABa 30.61 41.34 -45.76
LAB*TCHa 62.5 61.67 312.09

relative CIELAB lab*
lab*lab 0.284 0.503 -0.556
lab*tch 0.625 0.75 0.867
lab*nch 0.0 0.75 0.867
relative Natural Colour (NC)
lab*trj 0.284 0.381 -0.645
lab*trc 0.625 0.75 0.835
lab*ncc 0.0 0.75 0.835

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 10.17 55.11 -61.01
LAB*LABa 10.17 55.11 -61.01
LAB*TCHa 50.0 82.23 312.09

relative CIELAB lab*
lab*lab 0.0 0.46 0.67 -0.741
lab*tch 0.5 1.0 0.867
lab*nch 0.0 1.0 0.867
relative Natural Colour (NC)
lab*trj 0.0 0.46 0.508 -0.86
lab*trc 0.5 1.0 0.835
lab*ncc 0.0 1.0 0.835

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.66 12.53 -17.86
LAB*LABa 28.66 13.78 -15.25
LAB*TCHa 37.5 20.56 312.09

relative CIELAB lab*
lab*lab 0.25 0.261 0.168 -0.185
lab*tch 0.375 0.25 0.867
lab*nch 0.0 0.25 0.867
relative Natural Colour (NC)
lab*trj 0.25 0.127 -0.214
lab*trc 0.375 0.25 0.835
lab*ncc 0.0 0.25 0.835

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 6.26 17.3
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)<

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 337/360 = 0.937$

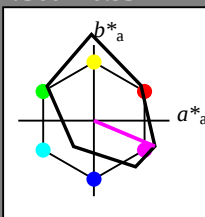
lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 35 88 337

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



FRS06; adapted (a) CIELAB data

	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)	
olv3*	1.0 1.0 1.0 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	91.97 -0.17 -5.11
LAB*LABa	91.97 0.0 0.0
LAB*LABb	91.97 0.0 0.0
relative CIELAB lab*	
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0
relative Natural Colour (NC)	
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.25 0.25 0.25 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	70.54 -0.53 -4.26
LAB*LABa	70.54 0.0 0.0
LAB*LABb	70.54 0.0 0.0
relative CIELAB lab*	
lab*lab	0.75 0.0 0.0
lab*lab	0.75 0.0 0.0
lab*lab	0.75 0.0 0.0
lab*lab	0.75 0.0 0.0
relative Natural Colour (NC)	
lab*lab	0.75 0.0 0.0
lab*lab	0.75 0.0 0.0
lab*lab	0.75 0.0 0.0
lab*lab	0.75 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.5 0.5 0.5 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	49.11 -0.89 -3.42
LAB*LABa	49.11 0.0 0.0
LAB*LABb	49.11 0.0 0.0
relative CIELAB lab*	
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0
relative Natural Colour (NC)	
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.25 (1.0)
olv4*	0.75 0.75 0.75 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	27.58 -1.25 -2.57
LAB*LABa	27.58 0.0 0.0
LAB*LABb	27.58 0.0 0.0
relative CIELAB lab*	
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0
relative Natural Colour (NC)	
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	1.0 1.0 1.0 (0.0)
olv5*	0.0 0.0 0.0 (0.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 1.63 1.73
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 0.0 0.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
relative Natural Colour (NC)	
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)	
olv3*	1.0 0.75 1.0 (1.0)
olv4*	0.0 0.25 0.0 (0.0)
olv5*	1.0 0.75 1.0 (1.0)
olv6*	0.0 0.25 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	77.6 19.74 -13.01
LAB*LABa	77.6 20.16 -8.47
LAB*LABb	77.6 20.16 -8.47
relative CIELAB lab*	
lab*lab	0.832 0.23 -0.096
lab*lab	0.875 0.25 0.937
lab*lab	0.0 0.25 0.937
lab*lab	0.0 0.25 0.937
relative Natural Colour (NC)	
lab*lab	0.832 0.192 -0.159
lab*lab	0.875 0.25 0.937
lab*lab	0.0 0.25 0.937
lab*lab	0.0 0.25 0.937

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.25 0.25 0.25 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.17 19.38 -12.17
LAB*LABa	56.17 20.16 -8.47
LAB*LABb	56.17 20.16 -8.47
relative CIELAB lab*	
lab*lab	0.582 0.23 -0.096
lab*lab	0.625 0.25 0.937
lab*lab	0.25 0.25 0.937
lab*lab	0.25 0.25 0.937
relative Natural Colour (NC)	
lab*lab	0.582 0.192 -0.159
lab*lab	0.625 0.25 0.937
lab*lab	0.25 0.25 0.937
lab*lab	0.25 0.25 0.937

relative Inform. Technology (IT)	
olv3*	0.5 0.5 0.5 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	34.74 19.02 -11.32
LAB*LABa	34.74 20.16 -8.47
LAB*LABb	34.74 20.16 -8.47
relative CIELAB lab*	
lab*lab	0.332 0.23 -0.096
lab*lab	0.375 0.25 0.937
lab*lab	0.25 0.25 0.937
lab*lab	0.25 0.25 0.937
relative Natural Colour (NC)	
lab*lab	0.332 0.192 -0.159
lab*lab	0.375 0.25 0.937
lab*lab	0.25 0.25 0.937
lab*lab	0.25 0.25 0.937

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.25 (1.0)
olv4*	0.75 0.75 0.75 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	20.38 36.94 -19.24
LAB*LABa	20.38 40.33 -16.95
LAB*LABb	20.38 40.33 -16.95
relative CIELAB lab*	
lab*lab	0.332 0.23 -0.096
lab*lab	0.375 0.25 0.937
lab*lab	0.25 0.25 0.937
lab*lab	0.25 0.25 0.937
relative Natural Colour (NC)	
lab*lab	0.332 0.192 -0.159
lab*lab	0.375 0.25 0.937
lab*lab	0.25 0.25 0.937
lab*lab	0.25 0.25 0.937

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	1.0 1.0 1.0 (0.0)
olv5*	0.0 0.0 0.0 (0.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 1.63 1.73
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 0.0 0.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
relative Natural Colour (NC)	
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0

$n^* = 0.50$

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.25 0.25 0.25 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	63.23 39.67 -20.93
LAB*LABa	63.23 40.33 -16.95
LAB*LABb	63.23 40.33 -16.95
relative CIELAB lab*	
lab*lab	0.665 0.461 -0.193
lab*lab	0.75 0.5 0.937
lab*lab	0.0 0.5 0.937
lab*lab	0.0 0.5 0.937
relative Natural Colour (NC)	
lab*lab	0.665 0.385 -0.318
lab*lab	0.75 0.5 0.937
lab*lab	0.0 0.5 0.937
lab*lab	0.0 0.5 0.937

relative Inform. Technology (IT)	
olv3*	0.5 0.5 0.5 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	41.81 39.31 -20.08
LAB*LABa	41.81 40.34 -16.95
LAB*LABb	41.81 40.34 -16.95
relative CIELAB lab*	
lab*lab	0.497 0.577 -0.478
lab*lab	0.625 0.75 0.89
lab*lab	0.0 0.75 0.89
lab*lab	0.0 0.75 0.89
relative Natural Colour (NC)	
lab*lab	0.497 0.577 -0.478
lab*lab	0.625 0.75 0.89
lab*lab	0.0 0.75 0.89
lab*lab	0.0 0.75 0.89

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.25 (1.0)
olv4*	0.75 0.75 0.75 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	27.44 59.23 -28.0
LAB*LABa	27.44 60.5 -25.43
LAB*LABb	27.44 60.5 -25.43
relative CIELAB lab*	
lab*lab	0.247 0.691 -0.29
lab*lab	0.375 0.75 0.937
lab*lab	0.25 0.75 0.937
lab*lab	0.25 0.75 0.937
relative Natural Colour (NC)	
lab*lab	0.247 0.577 -0.478
lab*lab	0.375 0.75 0.937
lab*lab	0.25 0.75 0.937
lab*lab	0.25 0.75 0.937

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	1.0 1.0 1.0 (0.0)
olv5*	0.0 0.0 0.0 (0.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 1.63 1.73
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 0.0 0.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
relative Natural Colour (NC)	
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0
lab*lab	0.0 0.0 0.0

$n^* = 0.25$

relative Inform. Technology (IT)	
olv3*	1.0 0.25 1.0 (1.0)
olv4*	0.0 0.75 0.0 (0.0)
olv5*	1.0 0.25 1.0 (1.0)
olv6*	0.0 0.75 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	48.86 59.59 -28.84
LAB*LABa	48.86 60.5 -25.43
LAB*LABb	48.86 60.5 -25.43
relative CIELAB lab*	
lab*lab	0.497 0.691 -0.29
lab*lab	0.625 0.75 0.937
lab*lab	0.0 0.75 0.937
lab*lab	0.0 0.75 0.937
relative Natural Colour (NC)	
lab*lab	0.497 0.577 -0.478
lab*lab	0.625 0.75 0.937
lab*lab	0.0 0.75 0.937
lab*lab	0.0 0.75 0.937

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.25 0.25 0.25 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	34.5 79.51 -36.75
LAB*LABa	34.5 80.67 -33.91
LAB*LABb	34.5 80.67 -33.91
relative CIELAB lab*	
lab*lab	0.33 0.922 -0.387
lab*lab	0.5 1.0 0.937
lab*lab	0.0 1.0 0.937
lab*lab	0.0 1.0 0.937
relative Natural Colour (NC)	
lab*lab	0.33 0.77 -0.637
lab*lab	0.5 1.0 0.937
lab*lab	0.0 1.0 0.937
lab*lab	0.0 1.0 0.937

relative Inform. Technology (IT)	
olv3*	0.5 0.5 0.5 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	49.11 0.89 -3.42
LAB*LABa	49.11 0.0 0.0
LAB*LABb	49.11 0.0 0.0
relative CIELAB lab*	
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0
relative Natural Colour (NC)	
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0
lab*lab	0.5 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.25 (1.0)
olv4*	0.75 0.75 0.75 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	27.58 -1.25 -2.57
LAB*LABa	27.58 0.0 0.0
LAB*LABb	27.58 0.0 0.0
relative CIELAB lab*	
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0
relative Natural Colour (NC)	
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0
lab*lab	0.25 0.0 0.0

$n^* = 0.00$

relative Inform. Technology (IT)	
olv3*	1.0 0.25 1.0 (1.0)
olv4*	0.0 0.75 0.0 (0.0)
olv5*	1.0 0.25 1.0 (1.0)
olv6*	0.0 0.75 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	48.86 59.59 -28.84
LAB*LABa	48.86 60.5 -25.43
LAB*LABb	48.86 60.5 -

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 27/360 = 0.076$

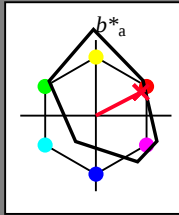
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 33 73 27

olv*Ma: 1.0 0.0 0.16

triangle lightness t^*



FRS06; adapted (a) CIELAB data

	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)	
olv3*	1.0 1.0 1.0 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	91.97 -0.17 -5.11
LAB*LABa	91.97 0.0 0.0
LAB*LABb	91.97 0.0 0.0
LAB*LABc	91.97 0.0 0.0
relative CIELAB lab*	
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0
relative Natural Colour (NC)	
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0
lab*lab	1.0 0.0 0.0

relative Inform. Technology (IT)	
olv3*	1.0 0.75 0.789 (1.0)
olv4*	0.0 0.25 0.211 (0.0)
olv5*	1.0 0.75 0.789 (1.0)
standard and adapted CIELAB	
LAB*LAB	77.19 15.87 3.93
LAB*LABa	77.19 16.3 8.46
LAB*LABb	77.19 16.3 8.46
LAB*LABc	77.19 16.3 8.46
relative CIELAB lab*	
lab*lab	0.828 0.222 0.115
lab*lab	0.875 0.25 0.076
lab*lab	0.875 0.25 0.076
lab*lab	0.875 0.25 0.076
relative Natural Colour (NC)	
lab*lab	0.828 0.25 0.0
lab*lab	0.875 0.25 0.0
lab*lab	0.875 0.25 0.0
lab*lab	0.875 0.25 0.0

relative Inform. Technology (IT)	
olv3*	1.0 0.5 0.579 (1.0)
olv4*	0.0 0.5 0.579 (1.0)
olv5*	1.0 0.5 0.579 (1.0)
standard and adapted CIELAB	
LAB*LAB	62.42 31.92 12.98
LAB*LABa	62.42 32.6 16.92
LAB*LABb	62.42 32.6 16.92
LAB*LABc	62.42 32.6 16.92
relative CIELAB lab*	
lab*lab	0.655 0.444 0.23
lab*lab	0.75 0.5 0.076
lab*lab	0.75 0.5 0.076
lab*lab	0.75 0.5 0.076
relative Natural Colour (NC)	
lab*lab	0.655 0.5 0.0
lab*lab	0.75 0.5 0.0
lab*lab	0.75 0.5 0.0
lab*lab	0.75 0.5 0.0

relative Inform. Technology (IT)	
olv3*	1.0 0.25 0.368 (1.0)
olv4*	0.0 0.25 0.368 (1.0)
olv5*	1.0 0.25 0.368 (1.0)
standard and adapted CIELAB	
LAB*LAB	47.64 47.97 22.02
LAB*LABa	47.64 48.9 25.39
LAB*LABb	47.64 48.9 25.39
LAB*LABc	47.64 48.9 25.39
relative CIELAB lab*	
lab*lab	0.483 0.666 0.346
lab*lab	0.625 0.75 0.076
lab*lab	0.625 0.75 0.076
lab*lab	0.625 0.75 0.076
relative Natural Colour (NC)	
lab*lab	0.483 0.75 0.0
lab*lab	0.625 0.75 0.0
lab*lab	0.625 0.75 0.0
lab*lab	0.625 0.75 0.0

relative Inform. Technology (IT)	
olv3*	1.0 0.0 0.157 (1.0)
olv4*	0.0 0.0 0.157 (1.0)
olv5*	1.0 0.0 0.157 (1.0)
standard and adapted CIELAB	
LAB*LAB	32.88 64.01 31.07
LAB*LABa	32.88 65.19 33.85
LAB*LABb	32.88 65.19 33.85
LAB*LABc	32.88 65.19 33.85
relative CIELAB lab*	
lab*lab	0.311 0.887 0.461
lab*lab	0.5 1.0 0.076
lab*lab	0.5 1.0 0.076
lab*lab	0.5 1.0 0.076
relative Natural Colour (NC)	
lab*lab	0.311 1.0 0.0
lab*lab	0.5 1.0 0.0
lab*lab	0.5 1.0 0.0
lab*lab	0.5 1.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
standard and adapted CIELAB	
LAB*LAB	49.11 0.89 -3.42
LAB*LABa	49.11 0.89 -3.42
LAB*LABb	49.11 0.89 -3.42
LAB*LABc	49.11 0.89 -3.42
relative CIELAB lab*	
lab*lab	0.5 0.5 0.0 (0.0)
lab*lab	0.5 0.5 0.0 (0.0)
lab*lab	0.5 0.5 0.0 (0.0)
lab*lab	0.5 0.5 0.0 (0.0)
relative Natural Colour (NC)	
lab*lab	0.5 0.5 0.0 (0.0)
lab*lab	0.5 0.5 0.0 (0.0)
lab*lab	0.5 0.5 0.0 (0.0)
lab*lab	0.5 0.5 0.0 (0.0)

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.25 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
standard and adapted CIELAB	
LAB*LAB	27.68 0.0 0.0
LAB*LABa	27.68 0.0 0.0
LAB*LABb	27.68 0.0 0.0
LAB*LABc	27.68 0.0 0.0
relative CIELAB lab*	
lab*lab	0.25 0.0 0.0 (0.0)
lab*lab	0.25 0.0 0.0 (0.0)
lab*lab	0.25 0.0 0.0 (0.0)
lab*lab	0.25 0.0 0.0 (0.0)
relative Natural Colour (NC)	
lab*lab	0.25 0.0 0.0 (0.0)
lab*lab	0.25 0.0 0.0 (0.0)
lab*lab	0.25 0.0 0.0 (0.0)
lab*lab	0.25 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olv3*	0.5 0.5 0.5 (1.0)
olv4*	0.0 0.5 0.5 (0.0)
olv5*	1.0 0.5 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	34.34 15.15 5.63
LAB*LABa	34.34 16.3 8.46
LAB*LABb	34.34 16.3 8.46
LAB*LABc	34.34 16.3 8.46
relative CIELAB lab*	
lab*lab	0.328 0.222 0.115
lab*lab	0.375 0.25 0.076
lab*lab	0.375 0.25 0.076
lab*lab	0.375 0.25 0.076
relative Natural Colour (NC)	
lab*lab	0.328 0.25 0.0
lab*lab	0.375 0.25 0.0
lab*lab	0.375 0.25 0.0
lab*lab	0.375 0.25 0.0

relative Inform. Technology (IT)	
olv3*	0.5 0.0 0.0 (0.0)
olv4*	0.0 0.5 0.0 (0.0)
olv5*	1.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	19.57 32.6 16.93
LAB*LABa	19.57 32.6 16.93
LAB*LABb	19.57 32.6 16.93
LAB*LABc	19.57 32.6 16.93
relative CIELAB lab*	
lab*lab	0.135 0.444 0.23
lab*lab	0.25 0.5 0.076
lab*lab	0.25 0.5 0.076
lab*lab	0.25 0.5 0.076
relative Natural Colour (NC)	
lab*lab	0.135 0.5 0.0
lab*lab	0.25 0.5 0.0
lab*lab	0.25 0.5 0.0
lab*lab	0.25 0.5 0.0

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.25 (1.0)
olv4*	0.0 0.25 0.25 (0.0)
olv5*	1.0 0.25 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	26.22 48.9 25.39
LAB*LABa	26.22 48.9 25.39
LAB*LABb	26.22 48.9 25.39
LAB*LABc	26.22 48.9 25.39
relative CIELAB lab*	
lab*lab	0.233 0.666 0.346
lab*lab	0.375 0.75 0.076
lab*lab	0.375 0.75 0.076
lab*lab	0.375 0.75 0.076
relative Natural Colour (NC)	
lab*lab	0.233 0.75 0.0
lab*lab	0.375 0.75 0.0
lab*lab	0.375 0.75 0.0
lab*lab	0.375 0.75 0.0

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (0.0)
olv4*	0.0 1.0 0.0 (0.0)
olv5*	1.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 0.0 0.0
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 0.0 0.0
LAB*LABc	6.26 0.0 0.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	1.0 1.0 1.0 (1.0)
olv5*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 0.0 0.0
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 0.0 0.0
LAB*LABc	6.26 0.0 0.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olv3*	0.25 0.0 0.0 (0.0)
olv4*	0.0 0.5 0.0 (0.0)
olv5*	1.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	12.91 14.78 6.47
LAB*LABa	12.91 14.78 6.47
LAB*LABb	12.91 14.78 6.47
LAB*LABc	12.91 14.78 6.47
relative CIELAB lab*	
lab*lab	0.078 0.222 0.115
lab*lab	0.125 0.25 0.076
lab*lab	0.125 0.25 0.076
lab*lab	0.125 0.25 0.076
relative Natural Colour (NC)	
lab*lab	0.078 0.25 0.0
lab*lab	0.125 0.25 0.0
lab*lab	0.125 0.25 0.0
lab*lab	0.125 0.25 0.0

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	0.0 1.0 0.0 (0.0)
olv5*	1.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 0.0 0.0
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 0.0 0.0
LAB*LABc	6.26 0.0 0.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	0.0 1.0 0.0 (0.0)
olv5*	1.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 0.0 0.0
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 0.0 0.0
LAB*LABc	6.26 0.0 0.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	0.0 1.0 0.0 (0.0)
olv5*	1.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 0.0 0.0
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 0.0 0.0
LAB*LABc	6.26 0.0 0.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	0.0 1.0 0.0 (0.0)
olv5*	1.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 0.0 0.0
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 0.0 0.0
LAB*LABc	6.26 0.0 0.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	0.0 1.0 0.0 (0.0)
olv5*	1.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 0.0 0.0
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 0.0 0.0
LAB*LABc	6.26 0.0 0.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)	
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)
lab*lab	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	0.0 1.0 0.0 (0.0)
olv5*	1.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	6.26 0.0 0.0
LAB*LABa	6.26 0.0 0.0
LAB*LABb	6.26 0.0 0.0
LAB*LABc	6.26 0.0 0.0
relative CIELAB lab*	

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 92/360 = 0.255$

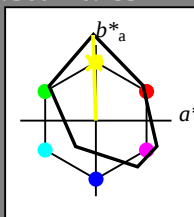
$lab \cdot tch$ and $lab \cdot nch$

D65: hue J

LCH*Ma: 82 113 92

olv*Ma: 0.99 1.0 0.0

triangle lightness t^*



FRS06; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	0.0	0.0	0.0	(0.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	0.0	0.0	0.0	(0.0)
olv8*	0.0	0.0	0.0	(0.0)
olv9*	0.0	0.0	0.0	(0.0)
olv10*	0.0	0.0	0.0	(0.0)
olv11*	0.0	0.0	0.0	(0.0)
olv12*	0.0	0.0	0.0	(0.0)
olv13*	0.0	0.0	0.0	(0.0)
olv14*	0.0	0.0	0.0	(0.0)
olv15*	0.0	0.0	0.0	(0.0)
olv16*	0.0	0.0	0.0	(0.0)
olv17*	0.0	0.0	0.0	(0.0)
olv18*	0.0	0.0	0.0	(0.0)
olv19*	0.0	0.0	0.0	(0.0)
olv20*	0.0	0.0	0.0	(0.0)
olv21*	0.0	0.0	0.0	(0.0)
olv22*	0.0	0.0	0.0	(0.0)
olv23*	0.0	0.0	0.0	(0.0)
olv24*	0.0	0.0	0.0	(0.0)
olv25*	0.0	0.0	0.0	(0.0)
olv26*	0.0	0.0	0.0	(0.0)
olv27*	0.0	0.0	0.0	(0.0)
olv28*	0.0	0.0	0.0	(0.0)
olv29*	0.0	0.0	0.0	(0.0)
olv30*	0.0	0.0	0.0	(0.0)
olv31*	0.0	0.0	0.0	(0.0)
olv32*	0.0	0.0	0.0	(0.0)
olv33*	0.0	0.0	0.0	(0.0)
olv34*	0.0	0.0	0.0	(0.0)
olv35*	0.0	0.0	0.0	(0.0)
olv36*	0.0	0.0	0.0	(0.0)
olv37*	0.0	0.0	0.0	(0.0)
olv38*	0.0	0.0	0.0	(0.0)
olv39*	0.0	0.0	0.0	(0.0)
olv40*	0.0	0.0	0.0	(0.0)
olv41*	0.0	0.0	0.0	(0.0)
olv42*	0.0	0.0	0.0	(0.0)
olv43*	0.0	0.0	0.0	(0.0)
olv44*	0.0	0.0	0.0	(0.0)
olv45*	0.0	0.0	0.0	(0.0)
olv46*	0.0	0.0	0.0	(0.0)
olv47*	0.0	0.0	0.0	(0.0)
olv48*	0.0	0.0	0.0	(0.0)
olv49*	0.0	0.0	0.0	(0.0)
olv50*	0.0	0.0	0.0	(0.0)
olv51*	0.0	0.0	0.0	(0.0)
olv52*	0.0	0.0	0.0	(0.0)
olv53*	0.0	0.0	0.0	(0.0)
olv54*	0.0	0.0	0.0	(0.0)
olv55*	0.0	0.0	0.0	(0.0)
olv56*	0.0	0.0	0.0	(0.0)
olv57*	0.0	0.0	0.0	(0.0)
olv58*	0.0	0.0	0.0	(0.0)
olv59*	0.0	0.0	0.0	(0.0)
olv60*	0.0	0.0	0.0	(0.0)
olv61*	0.0	0.0	0.0	(0.0)
olv62*	0.0	0.0	0.0	(0.0)
olv63*	0.0	0.0	0.0	(0.0)
olv64*	0.0	0.0	0.0	(0.0)
olv65*	0.0	0.0	0.0	(0.0)
olv66*	0.0	0.0	0.0	(0.0)
olv67*	0.0	0.0	0.0	(0.0)
olv68*	0.0	0.0	0.0	(0.0)
olv69*	0.0	0.0	0.0	(0.0)
olv70*	0.0	0.0	0.0	(0.0)
olv71*	0.0	0.0	0.0	(0.0)
olv72*	0.0	0.0	0.0	(0.0)
olv73*	0.0	0.0	0.0	(0.0)
olv74*	0.0	0.0	0.0	(0.0)
olv75*	0.0	0.0	0.0	(0.0)
olv76*	0.0	0.0	0.0	(0.0)
olv77*	0.0	0.0	0.0	(0.0)
olv78*	0.0	0.0	0.0	(0.0)
olv79*	0.0	0.0	0.0	(0.0)
olv80*	0.0	0.0	0.0	(0.0)
olv81*	0.0	0.0	0.0	(0.0)
olv82*	0.0	0.0	0.0	(0.0)
olv83*	0.0	0.0	0.0	(0.0)
olv84*	0.0	0.0	0.0	(0.0)
olv85*	0.0	0.0	0.0	(0.0)
olv86*	0.0	0.0	0.0	(0.0)
olv87*	0.0	0.0	0.0	(0.0)
olv88*	0.0	0.0	0.0	(0.0)
olv89*	0.0	0.0	0.0	(0.0)
olv90*	0.0	0.0	0.0	(0.0)
olv91*	0.0	0.0	0.0	(0.0)
olv92*	0.0	0.0	0.0	(0.0)
olv93*	0.0	0.0	0.0	(0.0)
olv94*	0.0	0.0	0.0	(0.0)
olv95*	0.0	0.0	0.0	(0.0)
olv96*	0.0	0.0	0.0	(0.0)
olv97*	0.0	0.0	0.0	(0.0)
olv98*	0.0	0.0	0.0	(0.0)
olv99*	0.0	0.0	0.0	(0.0)
olv100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	0.998	1.0	0.75	(1.0)
olv4*	0.002	0.0	0.25	(0.0)
olv5*	0.998	1.0	0.75	(1.0)
olv6*	0.002	0.0	0.25	(0.0)
olv7*	0.998	1.0	0.75	(1.0)
olv8*	0.002	0.0	0.25	(0.0)
olv9*	0.998	1.0	0.75	(1.0)
olv10*	0.002	0.0	0.25	(0.0)
olv11*	0.998	1.0	0.75	(1.0)
olv12*	0.002	0.0	0.25	(0.0)
olv13*	0.998	1.0	0.75	(1.0)
olv14*	0.002	0.0	0.25	(0.0)
olv15*	0.998	1.0	0.75	(1.0)
olv16*	0.002	0.0	0.25	(0.0)
olv17*	0.998	1.0	0.75	(1.0)
olv18*	0.002	0.0	0.25	(0.0)
olv19*	0.998	1.0	0.75	(1.0)
olv20*	0.002	0.0	0.25	(0.0)
olv21*	0.998	1.0	0.75	(1.0)
olv22*	0.002	0.0	0.25	(0.0)
olv23*	0.998	1.0	0.75	(1.0)
olv24*	0.002	0.0	0.25	(0.0)
olv25*	0.998	1.0	0.75	(1.0)
olv26*	0.002	0.0	0.25	(0.0)
olv27*	0.998	1.0	0.75	(1.0)
olv28*	0.002	0.0	0.25	(0.0)
olv29*	0.998	1.0	0.75	(1.0)
olv30*	0.002	0.0	0.25	(0.0)
olv31*	0.998	1.0	0.75	(1.0)
olv32*	0.002	0.0	0.25	(0.0)
olv33*	0.998	1.0	0.75	(1.0)
olv34*	0.002	0.0	0.25	(0.0)
olv35*	0.998	1.0	0.75	(1.0)
olv36*	0.002	0.0	0.25	(0.0)
olv37*	0.998	1.0	0.75	(1.0)
olv38*	0.002	0.0	0.25	(0.0)
olv39*	0.998	1.0	0.75	(1.0)
olv40*	0.002	0.0	0.25	(0.0)
olv41*	0.998	1.0	0.75	(1.0)
olv42*	0.002	0.0	0.25	(0.0)
olv43*	0.998	1.0	0.75	(1.0)
olv44*	0.002	0.0	0.25	(0.0)
olv45*	0.998	1.0	0.75	(1.0)
olv46*	0.002	0.0	0.25	(0.0)
olv47*	0.998	1.0	0.75	(1.0)
olv48*	0.002	0.0	0.25	(0.0)
olv49*	0.998	1.0	0.75	(1.0)
olv50*	0.002	0.0	0.25	(0.0)
olv51*	0.998	1.0	0.75	(1.0)
olv52*	0.002	0.0	0.25	(0.0)
olv53*	0.998	1.0	0.75	(1.0)
olv54*	0.002	0.0	0.25	(0.0)
olv55*	0.998	1.0	0.75	(1.0)
olv56*	0.002	0.0	0.25	(0.0)
olv57*	0.998	1.0	0.75	(1.0)
olv58*	0.002	0.0	0.25	(0.0)
olv59*	0.998	1.0	0.75	(1.0)
olv60*	0.002	0.0	0.25	(0.0)
olv61*	0.998	1.0	0.75	(1.0)
olv62*	0.002	0.0	0.25	(0.0)
olv63*	0.998	1.0	0.75	(1.0)
olv64*	0.002	0.0	0.25	(0.0)
olv65*	0.998	1.0	0.75	(1.0)
olv66*	0.002	0.0	0.25	(0.0)
olv67*	0.998	1.0	0.75	(1.0)
olv68*	0.002	0.0	0.25	(0.0)
olv69*	0.998	1.0	0.75	(1.0)
olv70*	0.002	0.0	0.25	(0.0)
olv71*	0.998	1.0	0.75	(1.0)
olv72*	0.002	0.0	0.25	(0.0)
olv73*	0.998	1.0	0.75	(1.0)
olv74*	0.002	0.0	0.25	(0.0)
olv75*	0.998	1.0	0.75	(1.0)
olv76*	0.002	0.0	0.25	(0.0)
olv77*	0.998	1.0	0.75	(1.0)
olv78*	0.002	0.0	0.25	(0.0)
olv79*	0.998	1.0	0.75	(1.0)
olv80*	0.002	0.0	0.25	(0.0)
olv81*	0.998	1.0	0.75	(1.0)
olv82*	0.002	0.0	0.25	(0.0)
olv83*	0.998	1.0	0.75	(1.0)
olv84*	0.002	0.0	0.25	(0.0)
olv85*	0.998	1.0	0.75	(1.0)
olv86*	0.002	0.0	0.25	(0.0)
olv87*	0.998	1.0	0.75	(1.0)
olv88*	0.002	0.0	0.25	(0.0)
olv89*	0.998	1.0	0.75	(1.0)
olv90*	0.002	0.0	0.25	(0.0)
olv91*	0.998	1.0	0.75	(1.0)
olv92*	0.002	0.0	0.25	(0.0)
olv93*	0.998	1.0	0.75	(1.0)
olv94*	0.002	0.0	0.25	(0.0)
olv95*	0.998	1.0	0.75	(1.0)
olv96*	0.002	0.0	0.25	(0.0)
olv97*	0.998	1.0	0.75	(1.0)
olv98*	0.002	0.0	0.25	(0.0)
olv99*	0.998	1.0	0.75	(1.0)
olv100*	0.002	0.0	0.25	(0.0)

relative Inform. Technology (IT)				
olv3*	0.995	1.0	0.5	(1.0)
cmyn3*	0.005	0.0	0.5	(0.0)
olv4*	0.995	1.0	0.5	1.0
cmyn4*	0.005	0.0	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	87.13	-2.12	51.73	
LAB*LAB _a	87.13	-1.86	56.65	

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab \cdot h = 158/360 = 0.438$

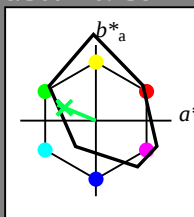
$lab \cdot tch$ and $lab \cdot nch$

D65: hue G

LCH*Ma: 42 55 158

olv*Ma: 0.0 1.0 0.31

triangle lightness t^*



FRS06; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
RC _{IE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*TCHa 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 70.54 0.0 0.0
LAB*TCHa 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*TCHa 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.58 -1.25 -2.57
LAB*LABa 27.58 0.0 0.0
LAB*TCHa 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 1.0 0.827 (1.0)
cmyn3* 0.25 0.0 0.173 (0.0)
olv4* 0.75 1.0 0.828 (1.0)
cmyn4* 0.25 0.0 0.172 (0.0)
standard and adapted CIELAB
LAB*LAB 79.48 -13.11 0.63
LAB*LABa 79.48 -12.72 5.25
LAB*TCHa 87.5 13.77 157.6

relative CIELAB lab*
lab*lab 0.854 -0.23 0.095
lab*tch 0.875 0.25 0.438
lab*nch 0.0 0.25 0.438
relative Natural Colour (NC)
lab*trj 0.854 -0.249 0.0
lab*trc 0.875 0.25 0.438
lab*ncc 0.0 0.25 0.438

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.655 (1.0)
cmyn3* 0.5 0.0 0.345 (0.0)
olv4* 0.5 1.0 0.655 (1.0)
cmyn4* 0.5 0.0 0.345 (0.0)
standard and adapted CIELAB
LAB*LAB 67.0 -26.06 6.38
LAB*LABa 67.0 -25.46 10.5
LAB*TCHa 75.0 27.55 157.59

relative CIELAB lab*
lab*lab 0.709 -0.461 0.191
lab*tch 0.75 0.5 0.438
lab*nch 0.0 0.5 0.438
relative Natural Colour (NC)
lab*trj 0.709 -0.499 0.0
lab*trc 0.75 0.5 0.438
lab*ncc 0.0 0.5 0.438

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.405 (1.0)
cmyn3* 0.75 0.25 0.595 (0.0)
olv4* 0.5 1.0 0.655 (1.0)
cmyn4* 0.5 0.0 0.345 (0.0)
standard and adapted CIELAB
LAB*LAB 45.58 -26.43 7.23
LAB*LABa 45.58 -25.47 10.51
LAB*TCHa 50.0 27.56 157.59

relative CIELAB lab*
lab*lab 0.459 -0.461 0.191
lab*tch 0.5 0.5 0.438
lab*nch 0.0 0.5 0.438
relative Natural Colour (NC)
lab*trj 0.459 -0.499 0.0
lab*trc 0.5 0.5 0.438
lab*ncc 0.0 0.5 0.438

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.232 (1.0)
cmyn3* 1.0 0.5 0.845 (0.0)
olv4* 0.5 1.0 0.655 (1.0)
cmyn4* 0.5 0.0 0.345 (0.0)
standard and adapted CIELAB
LAB*LAB 24.15 -26.73 8.07
LAB*LABa 24.15 -25.46 10.51
LAB*TCHa 25.01 27.56 157.59

relative CIELAB lab*
lab*lab 0.209 -0.461 0.191
lab*tch 0.25 0.5 0.438
lab*nch 0.0 0.5 0.438
relative Natural Colour (NC)
lab*trj 0.209 -0.499 0.0
lab*trc 0.25 0.5 0.438
lab*ncc 0.0 0.5 0.438

relative Inform. Technology (IT)
olv3* 0.104 -0.23 0.095
cmyn3* 0.125 0.25 0.438
olv4* 0.5 1.0 0.655 (1.0)
cmyn4* 0.5 0.0 0.345 (0.0)
standard and adapted CIELAB
LAB*LAB 15.42 3.17
LAB*LABa 15.42 3.17
LAB*TCHa 12.5 13.78 157.57

relative CIELAB lab*
lab*lab 0.104 -0.23 0.095
lab*tch 0.125 0.25 0.438
lab*nch 0.0 0.25 0.438
relative Natural Colour (NC)
lab*trj 0.104 -0.249 0.0
lab*trc 0.125 0.25 0.438
lab*ncc 0.0 0.25 0.438

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.655 (1.0)
cmyn3* 0.5 0.0 0.345 (0.0)
olv4* 0.5 1.0 0.655 (1.0)
cmyn4* 0.5 0.0 0.345 (0.0)
standard and adapted CIELAB
LAB*LAB 67.0 -26.06 6.38
LAB*LABa 67.0 -25.46 10.5
LAB*TCHa 75.0 27.55 157.59

relative CIELAB lab*
lab*lab 0.709 -0.461 0.191
lab*tch 0.75 0.5 0.438
lab*nch 0.0 0.5 0.438
relative Natural Colour (NC)
lab*trj 0.709 -0.499 0.0
lab*trc 0.75 0.5 0.438
lab*ncc 0.0 0.5 0.438

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.405 (1.0)
cmyn3* 0.75 0.25 0.595 (0.0)
olv4* 0.5 1.0 0.655 (1.0)
cmyn4* 0.5 0.0 0.345 (0.0)
standard and adapted CIELAB
LAB*LAB 45.58 -26.43 7.23
LAB*LABa 45.58 -25.47 10.51
LAB*TCHa 50.0 27.56 157.59

relative CIELAB lab*
lab*lab 0.459 -0.461 0.191
lab*tch 0.5 0.5 0.438
lab*nch 0.0 0.5 0.438
relative Natural Colour (NC)
lab*trj 0.459 -0.499 0.0
lab*trc 0.5 0.5 0.438
lab*ncc 0.0 0.5 0.438

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.232 (1.0)
cmyn3* 1.0 0.5 0.845 (0.0)
olv4* 0.5 1.0 0.655 (1.0)
cmyn4* 0.5 0.0 0.345 (0.0)
standard and adapted CIELAB
LAB*LAB 24.15 -26.73 8.07
LAB*LABa 24.15 -25.46 10.51
LAB*TCHa 25.01 27.56 157.59

relative CIELAB lab*
lab*lab 0.209 -0.461 0.191
lab*tch 0.25 0.5 0.438
lab*nch 0.0 0.5 0.438
relative Natural Colour (NC)
lab*trj 0.209 -0.499 0.0
lab*trc 0.25 0.5 0.438
lab*ncc 0.0 0.5 0.438

relative Inform. Technology (IT)
olv3* 0.104 -0.23 0.095
cmyn3* 0.125 0.25 0.438
olv4* 0.5 1.0 0.655 (1.0)
cmyn4* 0.5 0.0 0.345 (0.0)
standard and adapted CIELAB
LAB*LAB 15.42 3.17
LAB*LABa 15.42 3.17
LAB*TCHa 12.5 13.78 157.57

relative CIELAB lab*
lab*lab 0.104 -0.23 0.095
lab*tch 0.125 0.25 0.438
lab*nch 0.0 0.25 0.438
relative Natural Colour (NC)
lab*trj 0.104 -0.249 0.0
lab*trc 0.125 0.25 0.438
lab*ncc 0.0 0.25 0.438

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.405 (1.0)
cmyn3* 0.75 0.25 0.595 (0.0)
olv4* 0.25 1.0 0.483 (1.0)
cmyn4* 0.75 0.0 0.517 (0.0)
standard and adapted CIELAB
LAB*LAB 54.52 -39.01 12.12
LAB*LABa 54.52 -38.2 15.76
LAB*TCHa 62.5 41.33 157.59

relative CIELAB lab*
lab*lab 0.563 -0.692 0.286
lab*tch 0.625 0.75 0.438
lab*nch 0.0 0.75 0.438
relative Natural Colour (NC)
lab*trj 0.563 -0.749 0.0
lab*trc 0.625 0.75 0.438
lab*ncc 0.0 0.75 0.438

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.232 (1.0)
cmyn3* 1.0 0.0 0.69 (0.0)
olv4* 0.0 1.0 0.31 (1.0)
cmyn4* 0.0 0.0 0.517 (0.0)
standard and adapted CIELAB
LAB*LAB 42.04 -51.96 17.87
LAB*LABa 42.04 -50.93 21.01
LAB*TCHa 50.0 55.11 157.59

relative CIELAB lab*
lab*lab 0.418 -0.923 0.381
lab*tch 0.5 1.0 0.438
lab*nch 0.0 1.0 0.438
relative Natural Colour (NC)
lab*trj 0.418 -0.999 0.0
lab*trc 0.5 1.0 0.438
lab*ncc 0.0 1.0 0.438

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.3 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*TCHa 50.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.58 -1.25 -2.57
LAB*LABa 27.58 0.0 0.0
LAB*TCHa 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*TCHa 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.54 -0.53 -4.26
LAB*LABa 70.54 0.0 0.0
LAB*TCHa 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.11 -0.89 -3.42
LAB*LABa 49.11 0.0 0.0
LAB*TCHa 50.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.58 -1.25 -2.57
LAB*LABa 27.58 0.0 0.0
LAB*TCHa 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 6.26 0.62 1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCHa 0.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 273/360 = 0.76$

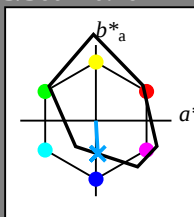
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 34 44 273

olv*Ma: 0.0 0.64 1.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 115$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	91.97	-0.17	-5.11	
LAB*Lab	91.97	0.0	0.0	
LAB*TCh	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*tch	1.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	1.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	1.0	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	70.54	-0.53	-4.26	
LAB*Lab	70.54	0.0	0.0	
LAB*TCh	75.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	
lab*tch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	0.75	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	49.11	-0.89	-3.42	
LAB*Lab	49.11	0.0	0.0	
LAB*TCh	50.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	
lab*tch	0.5	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	0.5	0.0	0.0	
lab*trj	0.5	0.0	0.0	
lab*trc	0.5	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	27.68	-1.27	-4.57	
LAB*Lab	27.68	0.0	0.0	
LAB*TCh	25.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	
lab*tch	0.25	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	0.25	0.0	0.0	
lab*trj	0.25	0.0	0.0	
lab*trc	0.25	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	6.26	0.6	-1.73	
LAB*Lab	6.26	0.0	0.0	
LAB*TCh	0.01	0.0	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*tch	0.0	0.0	0.0	
lab*nch	1.0	0.0	0.0	
relative Natural Colour (NC)	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*ncc	1.0	0.0	0.0	

$n^* = 1.0$

FRS06; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
RC _{IE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	63.14	0.64	-25.89	
LAB*Lab	63.14	0.0	0.0	
LAB*TCh	75.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.64	0.03	-0.498	
lab*tch	0.75	0.0	0.76	
lab*nch	0.0	0.5	0.76	
relative Natural Colour (NC)	0.64	0.0	-0.498	
lab*trj	0.64	0.0	-0.498	
lab*trc	0.75	0.0	0.76	
lab*ncc	0.0	0.5	0.76	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	41.71	0.29	-25.06	
LAB*Lab	41.71	0.0	0.0	
LAB*TCh	50.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	-0.498	
lab*tch	0.5	0.0	0.76	
lab*nch	0.0	0.5	0.76	
relative Natural Colour (NC)	0.25	0.0	-0.498	
lab*trj	0.25	0.0	-0.498	
lab*trc	0.5	0.0	0.76	
lab*ncc	0.0	0.5	0.76	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	20.29	-0.06	-24.21	
LAB*Lab	20.29	0.0	0.0	
LAB*TCh	25.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.164	0.03	-0.498	
lab*tch	0.25	0.0	0.76	
lab*nch	0.0	0.5	0.76	
relative Natural Colour (NC)	0.164	0.0	-0.498	
lab*trj	0.164	0.0	-0.498	
lab*trc	0.25	0.0	0.76	
lab*ncc	0.0	0.5	0.76	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	6.26	0.6	-1.73	
LAB*Lab	6.26	0.0	0.0	
LAB*TCh	0.01	0.0	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*tch	0.0	0.0	0.0	
lab*nch	1.0	0.0	0.0	
relative Natural Colour (NC)	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*ncc	1.0	0.0	0.0	

$n^* = 0.50$

$n^* = 0.00$

$n^* = 0.25$

blackness n^*

chromaticness c^*

$n^* = 1.0$

Output: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 273/360 = 0.76$

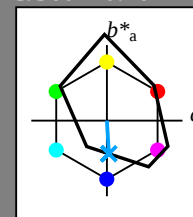
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 34 44 273

olv*Ma: 0.0 0.64 1.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 115$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	91.97	-0.17	-5.11	
LAB*Lab	91.97	0.0	0.0	
LAB*TCh	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*tch	1.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	1.0	0.0	0.0	
lab*trj	1.0	0.0	0.0	
lab*trc	1.0	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	70.54	-0.53	-4.26	
LAB*Lab	70.54	0.0	0.0	
LAB*TCh	75.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	
lab*tch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	0.75	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	49.11	-0.89	-3.42	
LAB*Lab	49.11	0.0	0.0	
LAB*TCh	50.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	
lab*tch	0.5	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	0.5	0.0	0.0	
lab*trj	0.5	0.0	0.0	
lab*trc	0.5	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	27.68	-1.27	-4.57	
LAB*Lab	27.68	0.0	0.0	
LAB*TCh	25.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	
lab*tch	0.25	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	0.25	0.0	0.0	
lab*trj	0.25	0.0	0.0	
lab*trc	0.25	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	6.26	0.6	-1.73	
LAB*Lab	6.26	0.0	0.0	
LAB*TCh	0.01	0.0	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*tch	0.0	0.0	0.0	
lab*nch	1.0	0.0	0.0	
relative Natural Colour (NC)	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*ncc	1.0	0.0	0.0	

$n^* = 1.0$

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

LAB*ICH8	8/5	10.98	2/3.41
relative CIELAB lab*			
lab*lab	0.832	0.015	-0.245
lab*tch	0.875	0.25	0.759
lab*nch	0.0	0.25	0.759
relative Natural Colour (NC)			
lab*lrj	0.832	0.0	-0.245
lab*tce	0.875	0.25	0.75
lab*nCe	0.0	0.25	g99b