

(olv3* = 0.0, l3*, v3*)

	A					B					C					D					E				
	relative Inform. Technology (IT)					relative Inform. Technology (IT)					relative Inform. Technology (IT)					relative Inform. Technology (IT)					relative Inform. Technology (IT)				
a01	olvi3*	0.0	0.0	0.0	(1.0)	olvi3*	0.0	0.0	0.0	(1.0)	olvi3*	0.0	0.0	0.0	(1.0)	olvi3*	0.0	0.0	0.0	(1.0)	olvi3*	0.0	0.0	0.0	(1.0)
	cmyn3*	1.0	1.0	0.0	(0.0)	cmyn3*	1.0	1.0	0.0	(0.0)	cmyn3*	1.0	1.0	0.0	(0.0)	cmyn3*	1.0	1.0	0.0	(0.0)	cmyn3*	1.0	1.0	0.0	(0.0)
	olvi4*	1.0	1.0	1.0	0.0	olvi4*	0.75	0.75	1.0	0.25	olvi4*	0.5	0.5	1.0	0.5	olvi4*	0.25	0.25	1.0	0.75	olvi4*	0.0	0.0	1.0	1.0
	cmyn4*	0.0	0.0	0.0	1.0	cmyn4*	0.25	0.25	0.0	0.75	cmyn4*	0.0	0.0	0.0	1.0	cmyn4*	0.75	0.75	0.0	0.25	cmyn4*	0.0	0.0	0.0	1.0
	standard and adapted CIE LAB	LAB*LAB	0.03	0.0	0.0	LAB*LAB	7.61	19.01	-25.87	LAB*LAB	15.21	38.02	-51.77	LAB*LAB	15.21	38.02	-51.77	LAB*LAB	22.8	57.04	-77.66	LAB*LAB	30.39	76.04	-103.55
a02	relative CIE LAB lab*	lab*lab	0.03	0.0	0.0	relative CIE LAB lab*	lab*lab	7.61	19.01	-25.87	relative CIE LAB lab*	lab*lab	15.21	38.02	-51.77	relative CIE LAB lab*	lab*lab	15.21	38.02	-51.77	relative CIE LAB lab*	lab*lab	30.39	76.04	-103.55
	relative Natural Colour (NC)	lab*lab	0.03	0.0	0.0	relative Natural Colour (NC)	lab*lab	7.61	19.01	-25.87	relative Natural Colour (NC)	lab*lab	15.21	38.02	-51.77	relative Natural Colour (NC)	lab*lab	15.21	38.02	-51.77	relative Natural Colour (NC)	lab*lab	30.39	76.04	-103.55
	relative Natural Colour (NC)	lab*lab	0.03	0.0	0.0	relative Natural Colour (NC)	lab*lab	7.61	19.01	-25.87	relative Natural Colour (NC)	lab*lab	15.21	38.02	-51.77	relative Natural Colour (NC)	lab*lab	15.21	38.02	-51.77	relative Natural Colour (NC)	lab*lab	30.39	76.04	-103.55
	relative Natural Colour (NC)	lab*lab	0.03	0.0	0.0	relative Natural Colour (NC)	lab*lab	7.61	19.01	-25.87	relative Natural Colour (NC)	lab*lab	15.21	38.02	-51.77	relative Natural Colour (NC)	lab*lab	15.21	38.02	-51.77	relative Natural Colour (NC)	lab*lab	30.39	76.04	-103.55
	relative Natural Colour (NC)	lab*lab	0.03	0.0	0.0	relative Natural Colour (NC)	lab*lab	7.61	19.01	-25.87	relative Natural Colour (NC)	lab*lab	15.21	38.02	-51.77	relative Natural Colour (NC)	lab*lab	15.21	38.02	-51.77	relative Natural Colour (NC)	lab*lab	30.39	76.04	-103.55
a03	relative Inform. Technology (IT)	olvi3*	0.0	0.5	0.5	relative Inform. Technology (IT)	olvi3*	0.0	0.5	0.5	relative Inform. Technology (IT)	olvi3*	0.0	0.5	0.5	relative Inform. Technology (IT)	olvi3*	0.0	0.5	0.5	relative Inform. Technology (IT)	olvi3*	0.0	0.5	0.5
	cmyn3*	1.0	0.5	0.5	(0.0)	cmyn3*	1.0	0.5	0.5	(0.0)	cmyn3*	1.0	0.5	0.5	(0.0)	cmyn3*	1.0	0.5	0.5	(0.0)	cmyn3*	1.0	0.5	0.5	(0.0)
	olvi4*	0.5	1.0	0.5	0.5	olvi4*	0.5	1.0	0.5	0.5	olvi4*	0.5	1.0	0.5	0.5	olvi4*	0.5	1.0	0.5	0.5	olvi4*	0.5	1.0	0.5	0.5
	cmyn4*	0.5	0.0	0.5	0.5	cmyn4*	0.5	0.0	0.5	0.5	cmyn4*	0.5	0.0	0.5	0.5	cmyn4*	0.5	0.0	0.5	0.5	cmyn4*	0.5	0.0	0.5	0.5
	standard and adapted CIE LAB	LAB*LAB	41.82	-41.36	39.94	standard and adapted CIE LAB	LAB*LAB	41.82	-41.36	39.94	standard and adapted CIE LAB	LAB*LAB	41.82	-41.36	39.94	standard and adapted CIE LAB	LAB*LAB	41.82	-41.36	39.94	standard and adapted CIE LAB	LAB*LAB	41.82	-41.36	39.94
a04	relative CIE LAB lab*	lab*lab	41.82	-41.36	39.94	relative CIE LAB lab*	lab*lab	41.82	-41.36	39.94	relative CIE LAB lab*	lab*lab	41.82	-41.36	39.94	relative CIE LAB lab*	lab*lab	41.82	-41.36	39.94	relative CIE LAB lab*	lab*lab	41.82	-41.36	39.94
	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94
	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94
	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94
	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94	relative Natural Colour (NC)	lab*lab	41.82	-41.36	39.94
a05	relative Inform. Technology (IT)	olvi3*	0.0	1.0	0.0	relative Inform. Technology (IT)	olvi3*	0.0	1.0	0.0	relative Inform. Technology (IT)	olvi3*	0.0	1.0	0.0	relative Inform. Technology (IT)	olvi3*	0.0	1.0	0.0	relative Inform. Technology (IT)	olvi3*	0.0	1.0	0.0
	cmyn3*	1.0	0.0	1.0	(0.0)	cmyn3*	1.0	0.0	1.0	(0.0)	cmyn3*	1.0	0.0	1.0	(0.0)	cmyn3*	1.0	0.0	1.0	(0.0)	cmyn3*	1.0	0.0	1.0	(0.0)
	olvi4*	0.0	1.0	0.0	1.0	olvi4*	0.0	1.0	0.0	1.0	olvi4*	0.0	1.0	0.0	1.0	olvi4*	0.0	1.0	0.0	1.0	olvi4*	0.0	1.0	0.0	1.0
	cmyn4*	1.0	0.0	0.0	0.0	cmyn4*	1.0	0.0	0.0	0.0	cmyn4*	1.0	0.0	0.0	0.0	cmyn4*	1.0	0.0	0.0	0.0	cmyn4*	1.0	0.0	0.0	0.0
	standard and adapted CIE LAB	LAB*LAB	83.62	-82.73	79.88	standard and adapted CIE LAB	LAB*LAB	83.62	-82.73	79.88	standard and adapted CIE LAB	LAB*LAB	83.62	-82.73	79.88	standard and adapted CIE LAB	LAB*LAB	83.62	-82.73	79.88	standard and adapted CIE LAB	LAB*LAB	83.62	-82.73	79.88

(olv3* = 0.0, 1, 0)

LG400-7, Prüfvorlagen-Datei mit 5x5x5 (=125) Farben; Geräteabhängige Farbkordinaten olv3* von ISO/IEC 15775:1999 als Eingabe; r3* = o3* = 0.0 = const.

BAM-Prüfvorlage Nr. LG40; Television-Lichtsystem (TLS)
125 Farben in CIE LAB und 3 relativen Geräte-Systemen

input: olv* setrgbcolor
output: no change compared to input

(olv3* = 0.25, l3*, v3*)

b01

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 0.0 0.0
olv4* 1.0 0.75 0.75 0.25
cmyn4* 0.0 0.25 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 12.64 19.22 16.13
LAB*LABa 12.64 19.22 16.13
LAB*TCHa 12.5 25.09 40.0
relative CIE LAB lab*
lab*lab 0.132 0.191 0.161
lab*tch 0.125 0.25 0.111
lab*nch 0.75 0.25 0.111
relative Natural Colour (NC)
lab*lrj 0.132 0.244 0.056
lab*tce 0.125 0.25 0.086
lab*nce 0.75 0.25 r14j

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 0.0 0.0
olv4* 1.0 0.75 1.0 0.25
cmyn4* 0.0 0.25 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 14.34 23.58 -14.59
LAB*LABa 14.34 23.58 -14.59
LAB*TCHa 12.5 27.73 328.24
relative CIE LAB lab*
lab*lab 0.15 0.212 -0.131
lab*tch 0.125 0.25 0.912
lab*nch 0.75 0.25 0.912
relative Natural Colour (NC)
lab*lrj 0.15 0.141 -0.206
lab*tce 0.125 0.25 0.845
lab*nce 0.75 0.25 b38r

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 0.0 0.0
olv4* 0.75 0.5 1.0 0.5
cmyn4* 0.0 0.25 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 21.93 42.59 -40.48
LAB*LABa 21.93 42.59 -40.48
LAB*TCHa 25.01 38.77 316.45
relative CIE LAB lab*
lab*lab 0.23 0.362 -0.343
lab*tch 0.25 0.5 0.879
lab*nch 0.5 0.5 0.879
relative Natural Colour (NC)
lab*lrj 0.23 0.201 -0.457
lab*tce 0.25 0.5 0.816
lab*nce 0.5 0.5 b22r

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 0.25 0.0
olv4* 0.5 0.25 1.0 0.75
cmyn4* 0.0 0.25 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 29.53 61.61 -66.38
LAB*LABa 29.53 61.61 -66.38
LAB*TCHa 37.51 90.57 312.86
relative CIE LAB lab*
lab*lab 0.309 0.51 -0.549
lab*tch 0.375 0.75 0.869
lab*nch 0.25 0.75 0.869
relative Natural Colour (NC)
lab*lrj 0.309 0.263 -0.701
lab*tce 0.375 0.75 0.807
lab*nce 0.25 0.75 b22r

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 0.0 0.0
olv4* 0.25 0.0 1.0 1.0
cmyn4* 0.75 1.0 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 37.12 80.62 -92.26
LAB*LABa 37.12 80.62 -92.26
LAB*TCHa 50.0 122.53 311.14
relative CIE LAB lab*
lab*lab 0.389 0.658 -0.752
lab*tch 0.5 1.0 0.864
lab*nch 0.0 1.0 0.864
relative Natural Colour (NC)
lab*lrj 0.389 0.326 -0.944
lab*tce 0.5 1.0 0.803
lab*nce 0.0 1.0 b21r

(olv3* = 0.25, 0, 1)

System: TLS00

b02

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.0 (1.0)
cmyn3* 0.75 0.75 1.0 (0.0)
olv4* 1.0 1.0 0.75 0.25
cmyn4* 0.0 0.25 0.75
standard and adapted CIE LAB
LAB*LAB 23.17 -5.16 22.68
LAB*LABa 23.17 -5.16 22.68
LAB*TCHa 12.5 23.26 102.85
relative CIE LAB lab*
lab*lab 0.243 -0.055 0.244
lab*tch 0.125 0.25 0.286
lab*nch 0.75 0.25 0.286
relative Natural Colour (NC)
lab*lrj 0.243 -0.042 0.246
lab*tce 0.125 0.25 0.278
lab*nce 0.75 0.25 j11h

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 0.5
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIE LAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*TCHa 25.0 0.01 -
relative CIE LAB lab*
lab*lab 0.243 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.25 0.0 0.0
lab*tce 0.25 0.0 -
lab*nce 0.75 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.5 (1.0)
cmyn3* 0.75 0.5 0.5 (0.0)
olv4* 0.75 0.75 1.0 0.5
cmyn4* 0.25 0.25 0.0 0.5
standard and adapted CIE LAB
LAB*LAB 31.46 19.01 -25.89
LAB*LABa 31.46 19.01 -25.89
LAB*TCHa 37.5 22.13 306.29
relative CIE LAB lab*
lab*lab 0.33 0.148 -0.201
lab*tch 0.375 0.25 0.851
lab*nch 0.5 0.25 0.851
relative Natural Colour (NC)
lab*lrj 0.33 0.063 -0.241
lab*tce 0.375 0.25 0.791
lab*nce 0.5 0.25 b16r

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.75 (1.0)
cmyn3* 0.75 0.5 0.25 (0.0)
olv4* 0.5 0.5 1.0 0.75
cmyn4* 0.5 0.5 0.0 0.25
standard and adapted CIE LAB
LAB*LAB 39.05 38.03 -51.78
LAB*LABa 39.05 38.03 -51.78
LAB*TCHa 50.0 44.25 306.29
relative CIE LAB lab*
lab*lab 0.409 0.296 -0.402
lab*tch 0.5 0.5 0.851
lab*nch 0.0 0.75 0.851
relative Natural Colour (NC)
lab*lrj 0.409 0.127 -0.483
lab*tce 0.5 0.5 0.791
lab*nce 0.25 0.5 b16r

relative Inform. Technology (IT)
olv3* 0.25 0.25 1.0 (1.0)
cmyn3* 0.75 0.5 0.0 (0.0)
olv4* 0.25 0.25 1.0 1.0
cmyn4* 0.75 0.75 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 46.64 57.04 -77.66
LAB*LABa 46.64 57.04 -77.66
LAB*TCHa 62.5 96.37 306.29
relative CIE LAB lab*
lab*lab 0.489 0.444 -0.603
lab*tch 0.625 0.75 0.851
lab*nch 0.0 0.75 0.851
relative Natural Colour (NC)
lab*lrj 0.489 0.19 -0.724
lab*tce 0.625 0.75 0.791
lab*nce 0.0 0.75 b16r

b03

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.0 (1.0)
cmyn3* 0.75 0.5 1.0 (0.0)
olv4* 0.75 1.0 0.5 0.5
cmyn4* 0.25 0.0 0.5 0.5
standard and adapted CIE LAB
LAB*LAB 44.08 -25.85 42.65
LAB*LABa 44.08 -25.85 42.65
LAB*TCHa 25.01 49.88 122.23
relative CIE LAB lab*
lab*lab 0.462 -0.258 0.427
lab*tch 0.25 0.5 0.337
lab*nch 0.5 0.5 0.337
relative Natural Colour (NC)
lab*lrj 0.462 -0.261 0.426
lab*tce 0.25 0.5 0.338
lab*nce 0.5 0.5 j35h

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.75 0.5 0.75 (0.0)
olv4* 0.75 1.0 0.75 0.5
cmyn4* 0.25 0.0 0.25 0.5
standard and adapted CIE LAB
LAB*LAB 44.76 -20.68 19.98
LAB*LABa 44.76 -20.68 19.98
LAB*TCHa 37.5 28.76 136.01
relative CIE LAB lab*
lab*lab 0.469 -0.179 0.174
lab*tch 0.375 0.25 0.378
lab*nch 0.5 0.25 0.378
relative Natural Colour (NC)
lab*lrj 0.469 -0.188 0.164
lab*tce 0.375 0.25 0.386
lab*nce 0.5 0.25 j54h

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.5 (1.0)
cmyn3* 0.75 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 0.5
cmyn4* 0.25 0.0 0.0 0.5
standard and adapted CIE LAB
LAB*LAB 45.58 -11.53 -3.38
LAB*LABa 45.58 -11.53 -3.38
LAB*TCHa 37.5 12.03 196.37
relative CIE LAB lab*
lab*lab 0.478 -0.239 -0.069
lab*tch 0.375 0.25 0.545
lab*nch 0.5 0.25 0.545
relative Natural Colour (NC)
lab*lrj 0.478 -0.235 -0.082
lab*tce 0.375 0.25 0.554
lab*nce 0.5 0.25 g21b

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.75 (1.0)
cmyn3* 0.75 0.5 0.25 (0.0)
olv4* 0.5 0.75 1.0 0.75
cmyn4* 0.5 0.25 0.0 0.25
standard and adapted CIE LAB
LAB*LAB 53.17 7.47 -29.28
LAB*LABa 53.17 7.47 -29.28
LAB*TCHa 50.0 30.22 284.31
relative CIE LAB lab*
lab*lab 0.557 0.124 -0.483
lab*tch 0.5 0.5 0.79
lab*nch 0.25 0.5 0.79
relative Natural Colour (NC)
lab*lrj 0.557 -0.035 -0.498
lab*tce 0.5 0.5 0.738
lab*nce 0.25 0.5 g95b

relative Inform. Technology (IT)
olv3* 0.25 0.5 1.0 (1.0)
cmyn3* 0.75 0.5 0.0 (0.0)
olv4* 0.25 0.5 1.0 1.0
cmyn4* 0.75 0.5 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 60.76 26.48 -55.16
LAB*LABa 60.76 26.48 -55.16
LAB*TCHa 62.5 61.2 295.64
relative CIE LAB lab*
lab*lab 0.637 0.324 -0.675
lab*tch 0.625 0.75 0.821
lab*nch 0.0 0.75 0.821
relative Natural Colour (NC)
lab*lrj 0.637 0.068 -0.746
lab*tce 0.625 0.75 0.764
lab*nce 0.0 0.75 h05r

b04

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.0 (1.0)
cmyn3* 0.75 0.25 1.0 (0.0)
olv4* 0.5 1.0 0.25 0.75
cmyn4* 0.5 0.0 0.75 0.25
standard and adapted CIE LAB
LAB*LAB 64.98 -46.54 62.63
LAB*LABa 64.98 -46.54 62.63
LAB*TCHa 37.51 78.04 126.62
relative CIE LAB lab*
lab*lab 0.681 -0.446 0.602
lab*tch 0.375 0.75 0.352
lab*nch 0.25 0.75 0.352
relative Natural Colour (NC)
lab*lrj 0.681 -0.46 0.591
lab*tce 0.375 0.75 0.355
lab*nce 0.25 0.75 j42h

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 0.75
cmyn4* 0.5 0.0 0.5 0.25
standard and adapted CIE LAB
LAB*LAB 65.67 -41.37 39.95
LAB*LABa 65.67 -41.37 39.95
LAB*TCHa 50.0 57.52 136.01
relative CIE LAB lab*
lab*lab 0.688 -0.359 0.347
lab*tch 0.5 0.5 0.378
lab*nch 0.25 0.5 0.378
relative Natural Colour (NC)
lab*lrj 0.688 -0.376 0.328
lab*tce 0.5 0.5 0.386
lab*nce 0.25 0.5 j54h

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.5 (1.0)
cmyn3* 0.75 0.25 0.5 (0.0)
olv4* 0.5 1.0 0.75 0.75
cmyn4* 0.5 0.0 0.25 0.25
standard and adapted CIE LAB
LAB*LAB 66.48 -32.22 16.59
LAB*LABa 66.48 -32.22 16.59
LAB*TCHa 50.0 36.25 152.77
relative CIE LAB lab*
lab*lab 0.697 -0.444 0.229
lab*tch 0.5 0.5 0.424
lab*nch 0.25 0.5 0.424
relative Natural Colour (NC)
lab*lrj 0.697 -0.465 0.181
lab*tce 0.5 0.5 0.441
lab*nce 0.25 0.5 j76h

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 0.75
cmyn4* 0.5 0.0 0.0 0.25
standard and adapted CIE LAB
LAB*LAB 67.29 -23.08 -6.77
LAB*LABa 67.29 -23.08 -6.77
LAB*TCHa 50.0 24.06 196.37
relative CIE LAB lab*
lab*lab 0.705 -0.479 -0.14
lab*tch 0.5 0.5 0.545
lab*nch 0.25 0.5 0.545
relative Natural Colour (NC)
lab*lrj 0.705 -0.471 -0.164
lab*tce 0.5 0.5 0.554
lab*nce 0.25 0.5 g21b

relative Inform. Technology (IT)
olv3* 0.25 0.75 1.0 (1.0)
cmyn3* 0.75 0.25 0.0 (0.0)
olv4* 0.25 0.75 1.0 1.0
cmyn4* 0.75 0.25 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 74.89 -4.07 -32.65
LAB*LABa 74.89 -4.07 -32.65
LAB*TCHa 62.5 32.92 262.88
relative CIE LAB lab*
lab*lab 0.785 -0.092 -0.743
lab*tch 0.625 0.75 0.73
lab*nch 0.0 0.75 0.73
relative Natural Colour (NC)
lab*lrj 0.785 -0.26 -0.702
lab*tce 0.625 0.75 0.693
lab*nce 0.0 0.75 g77b

b05

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.0 (1.0)
cmyn3* 0.75 0.0 1.0 (0.0)
olv4* 0.25 1.0 0.0 1.0
cmyn4* 0.75 0.0 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 85.86 -67.22 82.6
LAB*LABa 85.86 -67.22 82.6
LAB*TCHa 50.0 106.5 129.15
relative CIE LAB lab*
lab*lab 0.9 -0.63 0.726
lab*tch 0.5 1.0 0.359
lab*nch 0.0 1.0 0.359
relative Natural Colour (NC)
lab*lrj 0.9 -0.634 0.756
lab*tce 0.5 1.0 0.364
lab*nce 0.0 1.0 j48h

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.25 (1.0)
cmyn3* 0.75 0.0 0.75 (0.0)
olv4* 0.25 1.0 0.0 1.0
cmyn4* 0.75 0.0 0.75 0.0
standard and adapted CIE LAB
LAB*LAB 86.57 -62.05 59.92
LAB*LABa 86.57 -62.05 59.92
LAB*TCHa 62.5 86.27 136.01
relative CIE LAB lab*
lab*lab 0.907 0.538 0.521
lab*tch 0.625 0.75 0.378
lab*nch 0.0 0.75 0.378
relative Natural Colour (NC)
lab*lrj 0.907 0.565 0.492
lab*tce 0.625 0.75 0.386
lab*nce 0.0 0.75 j54h

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.5 (1.0)
cmyn3* 0.75 0.0 0.5 (0.0)
olv4* 0.25 1.0 0.5 1.0
cmyn4* 0.75 0.0 0.5 0.0
standard and adapted CIE LAB
LAB*LAB 87.38 -52.9 36.05
LAB*LABa 87.38 -52.9 36.05
LAB*TCHa 62.5 64.31 145.36
relative CIE LAB lab*
lab*lab 0.916 0.616 0.426
lab*tch 0.625 0.75 0.404
lab*nch 0.0 0.75 0.404
relative Natural Colour (NC)
lab*lrj 0.916 0.649 0.417
lab*tce 0.625 0.75 0.417
lab*nce 0.0 0.75 j66h

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.75 (1.0)
cmyn3* 0.75 0.0 0.25 (0.0)
olv4* 0.25 1.0 0.75 1.0
cmyn4* 0.75 0.0 0.25 0.0
standard and adapted CIE LAB
LAB*LAB 88.19 -43.76 13.19
LAB*LABa 88.19 -43.76 13.19
LAB*TCHa 62.5 45.71 163.23
relative CIE LAB lab*
lab*lab 0.924 0.717 0.216
lab*tch 0.625 0.75 0.453
lab*nch 0.0 0.75 0.453
relative Natural Colour (NC)
lab*lrj 0.924 0.714 0.117
lab*tce 0.625 0.75 0.475
lab*nce 0.0 0.75 j90h

relative Inform. Technology (IT)
olv3* 0.25 1.0 1.0 (1.0)
cmyn3* 0.75 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 1.0
cmyn4* 0.75 0.0 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 89.0 -34.61 -10.16
LAB*LABa 89.0 -34.61 -10.16
LAB*TCHa 62.5 36.09 196.37
relative CIE LAB lab*
lab*lab 0.931 0.719 -0.21
lab*tch 0.625 0.75 0.545
lab*nch 0.0 0.75 0.545
relative Natural Colour (NC)
lab*lrj 0.931 -0.707 -0.247
lab*tce 0.625 0.75 0.554
lab*nce 0.0 0.75 g21b

(olv3* = 0.25, 1, 0)

(olv3* = 0.5, l3*, v3*)

</

(olv3* = 0.75, l3*, v3*)

d01

relative Inform. Technology (IT)
 olv3* 0.75 0.0 0.0 (1.0)
 cmyn3* 0.25 1.0 0.0 (0.0)
 olv4* 1.0 0.25 0.25 0.75
 cmyn4* 0.0 0.75 0.25 0.25
standard and adapted CIELAB
 LAB*LAB 37.68 57.68 48.41
 LAB*LABa 37.68 57.68 48.41
 LAB*TCRa 37.51 75.3 40.0
relative CIELAB lab*
 lab*lab 0.397 0.574 0.482
 lab*tch 0.375 0.75 0.111
 lab*nch 0.25 0.75 0.111
relative Natural Colour (NC)
 lab*lrj 0.397 0.731 0.168
 lab*lrce 0.375 0.75 0.086
 lab*nce 0.25 0.75 r14

relative Inform. Technology (IT)
 olv3* 0.75 0.0 0.25 (1.0)
 cmyn3* 0.25 1.0 0.75 (0.0)
 olv4* 1.0 0.25 0.5 0.75
 cmyn4* 0.0 0.75 0.25 0.25
standard and adapted CIELAB
 LAB*LAB 39.58 62.04 17.68
 LAB*LABa 39.58 62.04 17.68
 LAB*TCRa 37.51 64.51 15.9
relative CIELAB lab*
 lab*lab 0.415 0.721 0.205
 lab*tch 0.375 0.75 0.044
 lab*nch 0.25 0.75 0.044
relative Natural Colour (NC)
 lab*lrj 0.415 0.73 -0.172
 lab*lrce 0.375 0.75 0.063
 lab*nce 0.25 0.75 b85c

relative Inform. Technology (IT)
 olv3* 0.75 0.0 0.5 (1.0)
 cmyn3* 0.25 1.0 0.5 (0.0)
 olv4* 1.0 0.25 0.75 0.75
 cmyn4* 0.0 0.75 0.25 0.25
standard and adapted CIELAB
 LAB*LAB 41.28 66.4 -13.06
 LAB*LABa 41.28 66.4 -13.06
 LAB*TCRa 37.51 67.67 348.87
relative CIELAB lab*
 lab*lab 0.433 0.736 -0.144
 lab*tch 0.375 0.75 0.969
 lab*nch 0.25 0.75 0.969
relative Natural Colour (NC)
 lab*lrj 0.433 0.596 -0.455
 lab*lrce 0.375 0.75 0.963
 lab*nce 0.25 0.75 b58r

relative Inform. Technology (IT)
 olv3* 0.75 0.0 0.75 (1.0)
 cmyn3* 0.25 1.0 0.25 (0.0)
 olv4* 1.0 0.25 1.0 0.75
 cmyn4* 0.0 0.75 0.25 0.25
standard and adapted CIELAB
 LAB*LAB 42.98 70.75 -43.8
 LAB*LABa 42.98 70.75 -43.8
 LAB*TCRa 37.51 83.22 328.23
relative CIELAB lab*
 lab*lab 0.45 0.638 -0.394
 lab*tch 0.375 0.75 0.912
 lab*nch 0.25 0.75 0.912
relative Natural Colour (NC)
 lab*lrj 0.45 0.422 -0.619
 lab*lrce 0.375 0.75 0.845
 lab*nce 0.25 0.75 b38r

relative Inform. Technology (IT)
 olv3* 0.75 0.0 1.0 (1.0)
 cmyn3* 0.25 1.0 0.0 (0.0)
 olv4* 0.75 0.0 1.0 1.0
 cmyn4* 0.25 1.0 0.0 0.0
standard and adapted CIELAB
 LAB*LAB 50.57 89.76 -69.68
 LAB*LABa 50.57 89.76 -69.68
 LAB*TCRa 50.0 113.64 322.17
relative CIELAB lab*
 lab*lab 0.53 0.79 -0.612
 lab*tch 0.5 1.0 0.895
 lab*nch 0.0 1.0 0.895
relative Natural Colour (NC)
 lab*lrj 0.53 0.482 -0.875
 lab*lrce 0.5 1.0 0.83
 lab*nce 0.0 1.0 b32r

(olv3* = 0.75, 0, 1)

System: TLS00

d02

relative Inform. Technology (IT)
 olv3* 0.75 0.25 0.0 (1.0)
 cmyn3* 0.25 0.75 1.0 (0.0)
 olv4* 1.0 0.5 0.25 0.75
 cmyn4* 0.0 0.5 0.75 0.25
standard and adapted CIELAB
 LAB*LAB 48.42 33.29 54.95
 LAB*LABa 48.42 33.29 54.95
 LAB*TCRa 37.51 64.25 58.8
relative CIELAB lab*
 lab*lab 0.507 0.389 0.641
 lab*tch 0.375 0.75 0.163
 lab*nch 0.25 0.75 0.163
relative Natural Colour (NC)
 lab*lrj 0.507 0.578 0.477
 lab*lrce 0.375 0.75 0.11
 lab*nce 0.25 0.75 r43

relative Inform. Technology (IT)
 olv3* 0.75 0.25 0.25 (1.0)
 cmyn3* 0.25 0.75 0.75 (0.0)
 olv4* 1.0 0.5 0.5 0.75
 cmyn4* 0.0 0.5 0.5 0.25
standard and adapted CIELAB
 LAB*LAB 49.11 38.46 32.28
 LAB*LABa 49.11 38.46 32.28
 LAB*TCRa 50.0 30.21 40.0
relative CIELAB lab*
 lab*lab 0.515 0.383 0.321
 lab*tch 0.5 0.5 0.111
 lab*nch 0.25 0.5 0.111
relative Natural Colour (NC)
 lab*lrj 0.515 0.487 0.112
 lab*lrce 0.5 0.5 0.036
 lab*nce 0.25 0.5 r14

relative Inform. Technology (IT)
 olv3* 0.75 0.25 0.5 (1.0)
 cmyn3* 0.25 0.5 0.5 (0.0)
 olv4* 1.0 0.5 0.75 0.75
 cmyn4* 0.0 0.5 0.25 0.25
standard and adapted CIELAB
 LAB*LAB 50.81 42.82 1.53
 LAB*LABa 50.81 42.82 1.53
 LAB*TCRa 50.0 2.84 2.05
relative CIELAB lab*
 lab*lab 0.532 0.5 0.018
 lab*tch 0.5 0.5 0.006
 lab*nch 0.25 0.5 0.006
relative Natural Colour (NC)
 lab*lrj 0.532 0.451 -0.216
 lab*lrce 0.5 0.5 0.929
 lab*nce 0.25 0.5 0.71r

relative Inform. Technology (IT)
 olv3* 0.75 0.25 0.75 (1.0)
 cmyn3* 0.25 0.75 0.25 (0.0)
 olv4* 1.0 0.5 1.0 0.75
 cmyn4* 0.0 0.5 0.0 0.25
standard and adapted CIELAB
 LAB*LAB 52.51 47.18 -29.2
 LAB*LABa 52.51 47.18 -29.2
 LAB*TCRa 50.0 55.49 328.23
relative CIELAB lab*
 lab*lab 0.55 0.425 -0.262
 lab*tch 0.5 0.5 0.912
 lab*nch 0.0 0.75 0.912
relative Natural Colour (NC)
 lab*lrj 0.55 0.281 -0.412
 lab*lrce 0.5 0.5 0.845
 lab*nce 0.25 0.5 b38r

relative Inform. Technology (IT)
 olv3* 0.75 0.25 1.0 (1.0)
 cmyn3* 0.25 0.75 0.0 (0.0)
 olv4* 0.75 0.25 1.0 1.0
 cmyn4* 0.25 0.75 0.0 0.0
standard and adapted CIELAB
 LAB*LAB 60.1 66.18 -55.08
 LAB*LABa 60.1 66.18 -55.08
 LAB*TCRa 62.5 86.11 320.22
relative CIELAB lab*
 lab*lab 0.63 0.576 -0.479
 lab*tch 0.625 0.75 0.89
 lab*nch 0.0 0.75 0.89
relative Natural Colour (NC)
 lab*lrj 0.63 0.342 -0.667
 lab*lrce 0.625 0.75 0.825
 lab*nce 0.0 0.75 b38r

d03

relative Inform. Technology (IT)
 olv3* 0.75 0.5 0.0 (1.0)
 cmyn3* 0.25 0.5 1.0 (0.0)
 olv4* 1.0 0.75 0.25 0.75
 cmyn4* 0.0 0.25 0.75 0.25
standard and adapted CIELAB
 LAB*LAB 58.18 8.88 61.5
 LAB*LABa 58.18 8.88 61.5
 LAB*TCRa 37.51 62.14 81.78
relative CIELAB lab*
 lab*lab 0.618 0.107 0.742
 lab*tch 0.375 0.75 0.227
 lab*nch 0.25 0.75 0.227
relative Natural Colour (NC)
 lab*lrj 0.618 0.23 0.714
 lab*lrce 0.375 0.75 0.2
 lab*nce 0.25 0.75 r69

relative Inform. Technology (IT)
 olv3* 0.75 0.5 0.25 (1.0)
 cmyn3* 0.25 0.5 0.75 (0.0)
 olv4* 1.0 0.75 0.5 0.75
 cmyn4* 0.0 0.25 0.5 0.25
standard and adapted CIELAB
 LAB*LAB 59.65 14.06 38.83
 LAB*LABa 59.65 14.06 38.83
 LAB*TCRa 50.0 41.29 70.1
relative CIELAB lab*
 lab*lab 0.625 0.17 0.47
 lab*tch 0.5 0.5 0.195
 lab*nch 0.25 0.5 0.195
relative Natural Colour (NC)
 lab*lrj 0.625 0.283 0.412
 lab*lrce 0.5 0.5 0.154
 lab*nce 0.25 0.5 r61

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 0.75
 cmyn4* 0.0 0.25 0.25 0.25
standard and adapted CIELAB
 LAB*LAB 60.33 19.23 16.14
 LAB*LABa 60.33 19.23 16.14
 LAB*TCRa 62.5 25.1 40.0
relative CIELAB lab*
 lab*lab 0.632 0.192 0.161
 lab*tch 0.625 0.25 0.111
 lab*nch 0.25 0.25 0.111
relative Natural Colour (NC)
 lab*lrj 0.632 0.244 0.056
 lab*lrce 0.625 0.25 0.036
 lab*nce 0.25 0.25 r14

relative Inform. Technology (IT)
 olv3* 0.75 0.5 0.75 (1.0)
 cmyn3* 0.25 0.5 0.25 (0.0)
 olv4* 1.0 0.75 1.0 0.75
 cmyn4* 0.0 0.25 0.0 0.25
standard and adapted CIELAB
 LAB*LAB 62.03 23.59 -14.6
 LAB*LABa 62.03 23.59 -14.6
 LAB*TCRa 62.5 27.74 328.24
relative CIELAB lab*
 lab*lab 0.65 0.213 -0.131
 lab*tch 0.625 0.25 0.912
 lab*nch 0.25 0.25 0.912
relative Natural Colour (NC)
 lab*lrj 0.65 0.141 -0.206
 lab*lrce 0.625 0.25 0.845
 lab*nce 0.25 0.25 b38r

relative Inform. Technology (IT)
 olv3* 0.75 0.5 1.0 (1.0)
 cmyn3* 0.25 0.5 0.0 (0.0)
 olv4* 0.75 0.5 1.0 1.0
 cmyn4* 0.25 0.5 0.0 0.0
standard and adapted CIELAB
 LAB*LAB 69.62 42.59 -40.48
 LAB*LABa 69.62 42.59 -40.48
 LAB*TCRa 75.0 58.77 316.45
relative CIELAB lab*
 lab*lab 0.73 0.362 -0.343
 lab*tch 0.75 0.5 0.879
 lab*nch 0.0 0.5 0.879
relative Natural Colour (NC)
 lab*lrj 0.73 0.201 -0.457
 lab*lrce 0.75 0.5 0.816
 lab*nce 0.0 0.5 b26r

d04

relative Inform. Technology (IT)
 olv3* 0.75 0.75 0.0 (1.0)
 cmyn3* 0.25 0.25 1.0 (0.0)
 olv4* 1.0 1.0 0.25 0.75
 cmyn4* 0.0 0.0 0.75 0.25
standard and adapted CIELAB
 LAB*LAB 69.5 -15.51 68.05
 LAB*LABa 69.5 -15.51 68.05
 LAB*TCRa 37.51 69.8 102.85
relative CIELAB lab*
 lab*lab 0.728 -0.166 0.731
 lab*tch 0.375 0.75 0.286
 lab*nch 0.25 0.75 0.286
relative Natural Colour (NC)
 lab*lrj 0.728 -0.128 0.739
 lab*lrce 0.375 0.75 0.278
 lab*nce 0.25 0.75 j11g

relative Inform. Technology (IT)
 olv3* 0.75 0.75 0.25 (1.0)
 cmyn3* 0.25 0.25 0.75 (0.0)
 olv4* 1.0 1.0 0.5 0.75
 cmyn4* 0.0 0.0 0.5 0.25
standard and adapted CIELAB
 LAB*LAB 70.19 -10.34 45.38
 LAB*LABa 70.19 -10.34 45.38
 LAB*TCRa 50.0 46.54 102.85
relative CIELAB lab*
 lab*lab 0.736 -0.11 0.487
 lab*tch 0.5 0.5 0.286
 lab*nch 0.25 0.5 0.286
relative Natural Colour (NC)
 lab*lrj 0.736 -0.085 0.492
 lab*lrce 0.5 0.5 0.278
 lab*nce 0.25 0.5 j11g

relative Inform. Technology (IT)
 olv3* 0.75 0.75 0.5 (1.0)
 cmyn3* 0.25 0.25 0.5 (0.0)
 olv4* 1.0 1.0 0.75 0.75
 cmyn4* 0.0 0.0 0.25 0.25
standard and adapted CIELAB
 LAB*LAB 70.87 -5.17 22.69
 LAB*LABa 70.87 -5.17 22.69
 LAB*TCRa 62.5 23.27 102.85
relative CIELAB lab*
 lab*lab 0.743 -0.055 0.244
 lab*tch 0.625 0.25 0.286
 lab*nch 0.25 0.25 0.286
relative Natural Colour (NC)
 lab*lrj 0.743 -0.042 0.246
 lab*lrce 0.625 0.25 0.278
 lab*nce 0.25 0.25 j11g

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 0.75
 cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
 LAB*LAB 71.57 0.0 0.0
 LAB*LABa 71.57 0.0 0.0
 LAB*TCRa 75.0 0.01 -
relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*tch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
 lab*lrj 0.75 0.0 0.0
 lab*lrce 0.75 0.0 0.0
 lab*nce 0.25 0.0 -

relative Inform. Technology (IT)
 olv3* 0.75 0.75 1.0 (1.0)
 cmyn3* 0.25 0.25 0.0 (0.0)
 olv4* 0.75 0.75 1.0 1.0
 cmyn4* 0.25 0.25 0.0 0.0
standard and adapted CIELAB
 LAB*LAB 79.15 19.01 -25.87
 LAB*LABa 79.15 19.01 -25.87
 LAB*TCRa 87.5 32.11 306.29
relative CIELAB lab*
 lab*lab 0.83 0.148 -0.2
 lab*tch 0.875 0.25 0.851
 lab*nch 0.0 0.25 0.851
relative Natural Colour (NC)
 lab*lrj 0.83 0.063 -0.241
 lab*lrce 0.875 0.25 0.791
 lab*nce 0.0 0.25 b16r

d05

relative Inform. Technology (IT)
 olv3* 0.75 1.0 0.0 (1.0)
 cmyn3* 0.25 0.0 1.0 (0.0)
 olv4* 0.75 1.0 0.0 1.0
 cmyn4* 0.25 0.0 0.75 0.0
standard and adapted CIELAB
 LAB*LAB 90.39 -36.19 88.02
 LAB*LABa 90.39 -36.19 88.02
 LAB*TCRa 50.0 95.18 112.36
relative CIELAB lab*
 lab*lab 0.947 -0.379 0.925
 lab*tch 0.5 1.0 0.312
 lab*nch 0.0 1.0 0.312
relative Natural Colour (NC)
 lab*lrj 0.947 -0.36 0.933
 lab*lrce 0.5 1.0 0.309
 lab*nce 0.0 1.0 j23g

relative Inform. Technology (IT)
 olv3* 0.75 1.0 0.25 (1.0)
 cmyn3* 0.25 0.0 0.75 (0.0)
 olv4* 0.75 1.0 0.25 1.0
 cmyn4* 0.25 0.0 0.75 0.0
standard and adapted CIELAB
 LAB*LAB 91.08 -31.02 65.34
 LAB*LABa 91.08 -31.02 65.34
 LAB*TCRa 62.5 72.34 115.4
relative CIELAB lab*
 lab*lab 0.955 -0.321 0.677
 lab*tch 0.625 0.75 0.321
 lab*nch 0.0 0.75 0.321
relative Natural Colour (NC)
 lab*lrj 0.955 -0.313 0.681
 lab*lrce 0.625 0.75 0.319
 lab*nce 0.0 0.75 j27g

relative Inform. Technology (IT)
 olv3* 0.75 1.0 0.5 (1.0)
 cmyn3* 0.25 0.0 0.5 (0.0)
 olv4* 0.75 1.0 0.5 1.0
 cmyn4* 0.25 0.0 0.5 0.0
standard and adapted CIELAB
 LAB*LAB 91.77 -25.81 42.69
 LAB*LABa 91.77 -25.81 42.65
 LAB*TCRa 75.0 49.88 121.22
relative CIELAB lab*
 lab*lab 0.962 -0.258 0.427
 lab*tch 0.75 0.5 0.337
 lab*nch 0.0 0.5 0.337
relative Natural Colour (NC)
 lab*lrj 0.962 -0.246 0.426
 lab*lrce 0.75 0.5 0.338
 lab*nce 0.0 0.5 j35g

relative Inform. Technology (IT)
 olv3* 0.75 1.0 0.75 (1.0)
 cmyn3* 0.25 0.0 0.25 (0.0)
 olv4* 0.75 1.0 0.75 1.0
 cmyn4* 0.25 0.0 0.25 0.0
standard and adapted CIELAB
 LAB*LAB 92.46 -20.67 19.97
 LAB*LABa 92.46 -20.67 19.97
 LAB*TCRa 87.5 28.75 136.01
relative CIELAB lab*
 lab*lab 0.969 -0.179 0.174
 lab*tch 0.875 0.25 0.378
 lab*nch 0.0 0.25 0.378
relative Natural Colour (NC)
 lab*lrj 0.969 -0.188 0.164
 lab*lrce 0.875 0.25 0.386
 lab*nce 0.0 0.25 j54g

relative Inform. Technology (IT)
 olv3* 0.75 1.0 1.0 (1.0)
 cmyn3* 0.25 0.0 0.0 (0.0)
 olv4* 0.75 1.0 1.0 1.0
 cmyn4* 0.25 0.0 0.0 0.0
standard and adapted CIELAB
 LAB*LAB 93.27 -11.53 -3.38
 LAB*LABa 93.27 -11.53 -3.38
 LAB*TCRa 87.5 12.03 196.37
relative CIELAB lab*
 lab*lab 0.978 -0.239 -0.069
 lab*tch 0.875 0.25 0.545
 lab*nch 0.0 0.25 0.545
relative Natural Colour (NC)
 lab*lrj 0.978 -0.235 -0.082
 lab*lrce 0.875 0.25 0.554
 lab*nce 0.0 0.25 g21b

(olv3* = 0.75, 1, 0)

(olv3* = 1.0, l3*, v3*)

e01

relative Inform. Technology (IT)				
olv3*	1.0	0.0	0.0	(1.0)
cmyn3*	0.0	1.0	0.75	(0.0)
olv4*	1.0	0.0	0.0	1.0
cmyn4*	0.0	1.0	0.75	0.0
standard and adapted CIE LAB				
LAB*LAB	50.5	76.9	64.54	
LAB*LABa	50.5	76.9	64.54	
LAB*TCHa	50.0	100.4	40.0	
relative CIE LAB lab*				
lab*lab	0.529	0.766	0.643	
lab*tch	0.5	1.0	0.111	
lab*nch	0.0	1.0	0.111	
relative Natural Colour (NC)				
lab*lrj	0.529	0.975	0.223	
lab*tce	0.5	1.0	0.036	
lab*nce	0.0	1.0	r14j	

e02

relative Inform. Technology (IT)				
olv3*	1.0	0.0	0.25	(1.0)
cmyn3*	0.0	1.0	0.75	(0.0)
olv4*	1.0	0.0	0.25	1.0
cmyn4*	0.0	1.0	0.75	0.0
standard and adapted CIE LAB				
LAB*LAB	52.2	81.26	33.81	
LAB*LABa	52.2	81.26	33.81	
LAB*TCHa	50.0	88.01	22.59	
relative CIE LAB lab*				
lab*lab	0.547	0.923	0.384	
lab*tch	0.5	1.0	0.063	
lab*nch	0.0	1.0	0.063	
relative Natural Colour (NC)				
lab*lrj	0.547	0.992	-0.128	
lab*tce	0.5	1.0	0.979	
lab*nce	0.0	1.0	b91r	

e03

relative Inform. Technology (IT)				
olv3*	1.0	0.0	0.5	(0.0)
cmyn3*	0.0	1.0	0.5	(0.0)
olv4*	1.0	0.0	0.5	1.0
cmyn4*	0.0	1.0	0.5	0.0
standard and adapted CIE LAB				
LAB*LAB	53.9	85.62	3.06	
LAB*LABa	53.9	85.62	3.06	
LAB*TCHa	50.0	94.14	342.9	
relative CIE LAB lab*				
lab*lab	0.565	0.999	0.036	
lab*tch	0.5	1.0	0.006	
lab*nch	0.0	1.0	0.006	
relative Natural Colour (NC)				
lab*lrj	0.565	0.901	-0.432	
lab*tce	0.5	1.0	0.929	
lab*nce	0.0	1.0	b71r	

e04

relative Inform. Technology (IT)				
olv3*	1.0	0.0	0.75	(1.0)
cmyn3*	0.0	1.0	0.25	(0.0)
olv4*	1.0	0.0	0.75	1.0
cmyn4*	0.0	1.0	0.25	0.0
standard and adapted CIE LAB				
LAB*LAB	55.6	89.98	-27.67	
LAB*LABa	55.6	89.98	-27.67	
LAB*TCHa	50.0	94.14	342.9	
relative CIE LAB lab*				
lab*lab	0.583	0.956	-0.293	
lab*tch	0.5	1.0	0.953	
lab*nch	0.0	1.0	0.953	
relative Natural Colour (NC)				
lab*lrj	0.583	0.735	-0.677	
lab*tce	0.5	1.0	0.881	
lab*nce	0.0	1.0	b52r	

e05

relative Inform. Technology (IT)				
olv3*	1.0	0.0	1.0	(0.0)
cmyn3*	0.0	1.0	0.0	(0.0)
olv4*	1.0	0.0	1.0	1.0
cmyn4*	0.0	1.0	0.0	0.0
standard and adapted CIE LAB				
LAB*LAB	57.3	94.33	-58.4	
LAB*LABa	57.3	94.33	-58.4	
LAB*TCHa	50.0	110.95	328.23	
relative CIE LAB lab*				
lab*lab	0.601	0.85	-0.525	
lab*tch	0.5	1.0	0.912	
lab*nch	0.0	1.0	0.912	
relative Natural Colour (NC)				
lab*lrj	0.601	0.562	-0.826	
lab*tce	0.5	1.0	0.845	
lab*nce	0.0	1.0	b38r	

(olv3* = 1.0, 0, 1)

System: TLS00

e06

relative Inform. Technology (IT)				
olv3*	1.0	0.25	0.0	(1.0)
cmyn3*	0.0	0.75	1.0	(0.0)
olv4*	1.0	0.25	0.0	1.0
cmyn4*	0.0	0.75	1.0	0.0
standard and adapted CIE LAB				
LAB*LAB	61.04	52.51	71.08	
LAB*LABa	61.04	52.51	71.08	
LAB*TCHa	50.0	98.38	53.55	
relative CIE LAB lab*				
lab*lab	0.64	0.594	0.804	
lab*tch	0.5	1.0	0.149	
lab*nch	0.0	1.0	0.149	
relative Natural Colour (NC)				
lab*lrj	0.64	0.847	0.531	
lab*tce	0.5	1.0	0.089	
lab*nce	0.0	1.0	r35j	

e07

relative Inform. Technology (IT)				
olv3*	1.0	0.25	0.25	(1.0)
cmyn3*	0.0	0.75	0.75	(0.0)
olv4*	1.0	0.25	0.25	1.0
cmyn4*	0.0	0.75	0.75	0.0
standard and adapted CIE LAB				
LAB*LAB	61.72	57.68	48.41	
LAB*LABa	61.72	57.68	48.41	
LAB*TCHa	62.5	75.3	40.0	
relative CIE LAB lab*				
lab*lab	0.647	0.574	0.482	
lab*tch	0.625	0.75	0.111	
lab*nch	0.0	1.0	0.111	
relative Natural Colour (NC)				
lab*lrj	0.647	0.731	0.168	
lab*tce	0.625	0.75	0.036	
lab*nce	0.0	0.75	r14j	

e08

relative Inform. Technology (IT)				
olv3*	1.0	0.25	0.5	(1.0)
cmyn3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.25	0.5	1.0
cmyn4*	0.0	0.5	0.5	0.0
standard and adapted CIE LAB				
LAB*LAB	63.42	62.04	17.66	
LAB*LABa	63.42	62.04	17.66	
LAB*TCHa	62.5	64.51	15.89	
relative CIE LAB lab*				
lab*lab	0.665	0.721	0.205	
lab*tch	0.625	0.75	0.044	
lab*nch	0.0	0.75	0.044	
relative Natural Colour (NC)				
lab*lrj	0.665	0.73	-0.172	
lab*tce	0.625	0.75	0.963	
lab*nce	0.0	0.75	985r	

e09

relative Inform. Technology (IT)				
olv3*	1.0	0.25	0.75	(1.0)
cmyn3*	0.0	0.5	0.25	(0.0)
olv4*	1.0	0.25	0.75	1.0
cmyn4*	0.0	0.5	0.25	0.0
standard and adapted CIE LAB				
LAB*LAB	65.12	66.4	-13.07	
LAB*LABa	65.12	66.4	-13.07	
LAB*TCHa	62.5	67.67	348.86	
relative CIE LAB lab*				
lab*lab	0.683	0.736	-0.144	
lab*tch	0.625	0.75	0.969	
lab*nch	0.0	0.75	0.969	
relative Natural Colour (NC)				
lab*lrj	0.683	0.596	-0.455	
lab*tce	0.625	0.75	0.896	
lab*nce	0.0	0.75	958r	

e10

relative Inform. Technology (IT)				
olv3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olv4*	1.0	0.5	1.0	1.0
cmyn4*	0.0	0.5	0.0	0.0
standard and adapted CIE LAB				
LAB*LAB	72.45	72.45	42.81	
LAB*LABa	72.45	72.45	42.81	
LAB*TCHa	75.0	42.84	2.04	
relative CIE LAB lab*				
lab*lab	0.782	0.5	0.018	
lab*tch	0.75	0.5	0.006	
lab*nch	0.0	0.5	0.006	
relative Natural Colour (NC)				
lab*lrj	0.782	0.451	-0.216	
lab*tce	0.75	0.5	0.929	
lab*nce	0.0	0.5	b71r	

e11

relative Inform. Technology (IT)				
olv3*	1.0	0.5	0.0	(1.0)
cmyn3*	0.0	0.5	1.0	(0.0)
olv4*	1.0	0.5	0.0	1.0
cmyn4*	0.0	0.5	1.0	0.0
standard and adapted CIE LAB				
LAB*LAB	71.58	28.1	77.63	
LAB*LABa	71.58	28.1	77.63	
LAB*TCHa	50.0	82.56	70.1	
relative CIE LAB lab*				
lab*lab	0.75	0.34	0.94	
lab*tch	0.5	1.0	0.195	
lab*nch	0.0	1.0	0.195	
relative Natural Colour (NC)				
lab*lrj	0.75	0.565	0.825	
lab*tce	0.5	1.0	0.154	
lab*nce	0.0	1.0	r61j	

e12

relative Inform. Technology (IT)				
olv3*	1.0	0.5	0.25	(1.0)
cmyn3*	0.0	0.5	0.75	(0.0)
olv4*	1.0	0.5	0.25	1.0
cmyn4*	0.0	0.5	0.75	0.0
standard and adapted CIE LAB				
LAB*LAB	72.26	33.28	54.96	
LAB*LABa	72.26	33.28	54.96	
LAB*TCHa	62.5	64.25	58.8	
relative CIE LAB lab*				
lab*lab	0.757	0.388	0.641	
lab*tch	0.625	0.75	0.163	
lab*nch	0.0	0.75	0.163	
relative Natural Colour (NC)				
lab*lrj	0.757	0.578	0.478	
lab*tce	0.625	0.75	0.11	
lab*nce	0.0	0.75	r43j	

e13

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 CIE LAB				
LAB*LAB	72.45	38.45	32.27	
LAB*LABa	72.45	38.45	32.27	
LAB*TCHa	75.0	50.2	40.0	
relative CIE LAB lab*				
lab*lab	0.765	0.383	0.321	
lab*tch	0.75	0.5	0.111	
lab*nch	0.0	0.5	0.111	
relative Natural Colour (NC)				
lab*lrj	0.765	0.487	0.112	
lab*tce	0.75	0.5	0.036	
lab*nce	0.0	0.5	r14j	

e14

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 CIE LAB				
LAB*LAB	83.49	14.05	38.82	
LAB*LABa	83.49	14.05	38.82	
LAB*TCHa	75.0	41.28	70.11	
relative CIE LAB lab*				
lab*lab	0.875	0.17	0.47	
lab*tch	0.75	0.5	0.195	
lab*nch	0.0	0.5	0.195	
relative Natural Colour (NC)				
lab*lrj	0.875	0.283	0.412	
lab*tce	0.75	0.5	0.154	
lab*nce	0.0	0.5	r61j	