

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

A

a01

System: TLS00

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 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*TCHa 0.01 0.01 -
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 1.0 0.0 -

B

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 1.0 0.5 (0.0)
olvi4* 0.5 0.5 1.0 0.5
cmyn4* 0.5 0.5 0.0 0.5
standard and adapted CIELAB
LAB*LAB 15.21 38.02 -51.77
LAB*LABa 15.21 38.02 -51.77
LAB*TCHa 25.01 64.24 306.29
relative CIELAB lab*
lab*lab 0.159 0.296 -0.402
lab*tch 0.25 0.5 0.851
lab*nch 0.5 0.5 0.851
relative Natural Colour (NC)
lab*lrj 0.159 0.127 -0.483
lab*tce 0.25 0.5 0.791
lab*nce 0.5 0.5 b16r

C

(olv3* = 0.0, 0, 1)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 1.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olvi4* 0.0 0.0 1.0 1.0
cmyn4* 1.0 1.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 30.39 76.04 -103.55
LAB*LABa 30.39 76.04 -103.55
LAB*TCHa 50.0 128.48 306.29
relative CIELAB lab*
lab*lab 0.318 0.592 -0.805
lab*tch 0.5 1.0 0.851
lab*nch 0.0 1.0 0.851
relative Natural Colour (NC)
lab*lrj 0.318 0.254 -0.966
lab*tce 0.5 1.0 0.791
lab*nce 0.0 1.0 b16r

a02

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.0 (1.0)
cmyn3* 1.0 0.5 1.0 (0.0)
olvi4* 0.5 1.0 0.5 0.5
cmyn4* 0.5 0.0 0.5 0.5
standard and adapted CIELAB
LAB*LAB 41.82 -41.36 39.94
LAB*LABa 41.82 -41.36 39.94
LAB*TCHa 25.01 57.51 136.01
relative CIELAB lab*
lab*lab 0.438 -0.359 0.347
lab*tch 0.25 0.5 0.378
lab*nch 0.5 0.5 0.378
relative Natural Colour (NC)
lab*lrj 0.438 -0.376 0.328
lab*tce 0.25 0.5 0.386
lab*nce 0.5 0.5 j54g

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olvi4* 0.5 1.0 1.0 0.5
cmyn4* 0.5 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 43.45 -23.07 -6.77
LAB*LABa 43.45 -23.07 -6.77
LAB*TCHa 25.01 24.06 196.37
relative CIELAB lab*
lab*lab 0.455 -0.479 -0.14
lab*tch 0.25 0.5 0.545
lab*nch 0.5 0.5 0.545
relative Natural Colour (NC)
lab*lrj 0.455 -0.471 -0.164
lab*tce 0.25 0.5 0.554
lab*nce 0.5 0.5 g21b

relative Inform. Technology (IT)
olvi3* 0.0 0.5 1.0 (1.0)
cmyn3* 1.0 0.5 0.0 (0.0)
olvi4* 0.0 0.5 1.0 1.0
cmyn4* 1.0 0.5 0.0 0.0
standard and adapted CIELAB
LAB*LAB 58.63 14.94 -58.55
LAB*LABa 58.63 14.94 -58.55
LAB*TCHa 50.0 60.43 284.31
relative CIELAB lab*
lab*lab 0.614 0.247 -0.968
lab*tch 0.5 1.0 0.79
lab*nch 0.0 1.0 0.79
relative Natural Colour (NC)
lab*lrj 0.614 -0.071 -0.996
lab*tce 0.5 1.0 0.738
lab*nce 0.0 1.0 g95b

a03

(olv3* = 0.0, 1, 0)

relative Inform. Technology (IT)
olvi3* 0.0 1.0 0.0 (1.0)
cmyn3* 1.0 0.0 1.0 (0.0)
olvi4* 0.0 1.0 0.0 1.0
cmyn4* 1.0 0.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 83.62 -82.73 79.88
LAB*LABa 83.62 -82.73 79.88
LAB*TCHa 50.0 115.01 136.01
relative CIELAB lab*
lab*lab 0.876 -0.718 0.694
lab*tch 0.5 1.0 0.378
lab*nch 0.0 1.0 0.378
relative Natural Colour (NC)
lab*lrj 0.876 -0.753 0.656
lab*tce 0.5 1.0 0.386
lab*nce 0.0 1.0 j54g

relative Inform. Technology (IT)
olvi3* 0.0 1.0 0.5 (1.0)
cmyn3* 1.0 0.0 0.5 (0.0)
olvi4* 0.0 1.0 0.5 1.0
cmyn4* 1.0 0.0 0.5 0.0
standard and adapted CIELAB
LAB*LAB 85.25 -64.44 33.16
LAB*LABa 85.25 -64.44 33.16
LAB*TCHa 50.0 72.48 152.77
relative CIELAB lab*
lab*lab 0.893 -0.888 0.457
lab*tch 0.5 1.0 0.424
lab*nch 0.0 1.0 0.424
relative Natural Colour (NC)
lab*lrj 0.893 -0.931 0.363
lab*tce 0.5 1.0 0.441
lab*nce 0.0 1.0 j76g

relative Inform. Technology (IT)
olvi3* 0.0 1.0 1.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olvi4* 0.0 1.0 1.0 1.0
cmyn4* 1.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 86.87 -46.15 -13.55
LAB*LABa 86.87 -46.15 -13.55
LAB*TCHa 50.0 48.11 196.37
relative CIELAB lab*
lab*lab 0.911 -0.958 -0.281
lab*tch 0.5 1.0 0.545
lab*nch 0.0 1.0 0.545
relative Natural Colour (NC)
lab*lrj 0.911 -0.942 -0.33
lab*tce 0.5 1.0 0.554
lab*nce 0.0 1.0 g21b

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

A

relative Inform. Technology (IT)				
olvi3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	1.0	1.0	(0.0)
olvi4*	1.0	0.5	0.5	0.5
cmyn4*	0.0	0.5	0.5	0.5
standard and adapted CIELAB				
LAB*LAB	25.26	38.45	32.27	
LAB*LABa	25.26	38.45	32.27	
LAB*TCHa	25.01	50.2	40.0	
relative CIELAB lab*				
lab*lab	0.265	0.383	0.321	
lab*tch	0.25	0.5	0.111	
lab*nch	0.5	0.5	0.111	
relative Natural Colour (NC)				
lab*lrj	0.265	0.487	0.112	
lab*tce	0.25	0.5	0.036	
lab*nce	0.5	0.5	r14i	

b01

System: TLS00

B

relative Inform. Technology (IT)				
olvi3*	0.5	0.0	0.5	(1.0)
cmyn3*	0.5	1.0	0.5	(0.0)
olvi4*	1.0	0.5	1.0	0.5
cmyn4*	0.0	0.5	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	28.66	47.17	-29.19	
LAB*LABa	28.66	47.17	-29.19	
LAB*TCHa	25.01	55.47	328.23	
relative CIELAB lab*				
lab*lab	0.3	0.425	-0.262	
lab*tch	0.25	0.5	0.912	
lab*nch	0.5	0.5	0.912	
relative Natural Colour (NC)				
lab*lrj	0.3	0.281	-0.412	
lab*tce	0.25	0.5	0.845	
lab*nce	0.5	0.5	b38r	

C

relative Inform. Technology (IT)				
olvi3*	0.5	0.0	1.0	(1.0)
cmyn3*	0.5	1.0	0.0	(0.0)
olvi4*	0.5	0.0	1.0	1.0
cmyn4*	0.5	1.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	43.85	85.19	-80.97	
LAB*LABa	43.85	85.19	-80.97	
LAB*TCHa	50.0	117.54	316.45	
relative CIELAB lab*				
lab*lab	0.459	0.725	-0.688	
lab*tch	0.5	1.0	0.879	
lab*nch	0.0	1.0	0.879	
relative Natural Colour (NC)				
lab*lrj	0.459	0.402	-0.914	
lab*tce	0.5	1.0	0.816	
lab*nce	0.0	1.0	b26r	

(olv3* = 0.5, 0, 1)

relative Inform. Technology (IT)				
olvi3*	0.5	0.5	0.0	(1.0)
cmyn3*	0.5	0.5	1.0	(0.0)
olvi4*	1.0	1.0	0.5	0.5
cmyn4*	0.0	0.0	0.5	0.5
standard and adapted CIELAB				
LAB*LAB	46.34	-10.34	45.37	
LAB*LABa	46.34	-10.34	45.37	
LAB*TCHa	25.01	46.53	102.85	
relative CIELAB lab*				
lab*lab	0.486	-0.11	0.487	
lab*tch	0.25	0.5	0.286	
lab*nch	0.5	0.5	0.286	
relative Natural Colour (NC)				
lab*lrj	0.486	-0.085	0.492	
lab*tce	0.25	0.5	0.278	
lab*nce	0.5	0.5	j11g	

b02

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	0.5
cmyn4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	
LAB*LABa	47.72	0.0	0.0	
LAB*TCHa	50.0	0.01	-	
relative CIELAB lab*				
lab*lab	0.5	0.0	0.0	
lab*tch	0.5	0.0	-	
lab*nch	0.5	0.0	-	
relative Natural Colour (NC)				
lab*lrj	0.5	0.0	0.0	
lab*tce	0.5	0.0	-	
lab*nce	0.5	0.0	-	

relative Inform. Technology (IT)				
olvi3*	0.5	0.5	1.0	(1.0)
cmyn3*	0.5	0.5	0.0	(0.0)
olvi4*	0.5	0.5	1.0	1.0
cmyn4*	0.5	0.5	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	62.9	38.02	-51.77	
LAB*LABa	62.9	38.02	-51.77	
LAB*TCHa	75.0	64.24	306.29	
relative CIELAB lab*				
lab*lab	0.659	0.296	-0.402	
lab*tch	0.75	0.5	0.851	
lab*nch	0.0	0.5	0.851	
relative Natural Colour (NC)				
lab*lrj	0.659	0.127	-0.483	
lab*tce	0.75	0.5	0.791	
lab*nce	0.0	0.5	b16r	

relative Inform. Technology (IT)				
olvi3*	0.5	1.0	0.0	(1.0)
cmyn3*	0.5	0.0	1.0	(0.0)
olvi4*	0.5	1.0	0.0	1.0
cmyn4*	0.5	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	88.14	-51.71	85.31	
LAB*LABa	88.14	-51.71	85.31	
LAB*TCHa	50.0	99.76	121.23	
relative CIELAB lab*				
lab*lab	0.924	-0.517	0.855	
lab*tch	0.5	1.0	0.337	
lab*nch	0.0	1.0	0.337	
relative Natural Colour (NC)				
lab*lrj	0.924	-0.523	0.852	
lab*tce	0.5	1.0	0.338	
lab*nce	0.0	1.0	j35g	

b03

relative Inform. Technology (IT)				
olvi3*	0.5	1.0	0.5	(1.0)
cmyn3*	0.5	0.0	0.5	(0.0)
olvi4*	0.5	1.0	0.5	1.0
cmyn4*	0.5	0.0	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	89.51	-41.36	39.94	
LAB*LABa	89.51	-41.36	39.94	
LAB*TCHa	75.0	57.51	136.01	
relative CIELAB lab*				
lab*lab	0.938	-0.359	0.347	
lab*tch	0.75	0.5	0.378	
lab*nch	0.0	0.5	0.378	
relative Natural Colour (NC)				
lab*lrj	0.938	-0.376	0.328	
lab*tce	0.75	0.5	0.386	
lab*nce	0.0	0.5	j54g	

relative Inform. Technology (IT)				
olvi3*	0.5	1.0	1.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olvi4*	0.5	1.0	1.0	1.0
cmyn4*	0.5	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	91.14	-23.07	-6.77	
LAB*LABa	91.14	-23.07	-6.77	
LAB*TCHa	75.0	24.06	196.37	
relative CIELAB lab*				
lab*lab	0.955	-0.479	-0.14	
lab*tch	0.75	0.5	0.545	
lab*nch	0.0	0.5	0.545	
relative Natural Colour (NC)				
lab*lrj	0.955	-0.471	-0.164	
lab*tce	0.75	0.5	0.554	
lab*nce	0.0	0.5	g21b	

(olv3* = 0.5, 1, 0)

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

A

B

C

(olv3* = 1.0, 0, 1)

System: TLS00

c01

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 1.0 (0.0)
olvi4* 1.0 0.0 0.0 1.0
cmyn4* 0.0 1.0 1.0 0.0
standard and adapted CIELAB
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 CIELAB 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

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.5 (1.0)
cmyn3* 0.0 1.0 0.5 (0.0)
olvi4* 1.0 0.0 0.5 1.0
cmyn4* 0.0 1.0 0.5 0.0
standard and adapted CIELAB
LAB*LAB 53.9 85.62 3.06
LAB*LABa 53.9 85.62 3.06
LAB*TCHa 50.0 85.67 2.05
relative CIELAB 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

relative Inform. Technology (IT)
olvi3* 1.0 0.0 1.0 (1.0)
cmyn3* 0.0 1.0 0.0 (0.0)
olvi4* 1.0 0.0 1.0 1.0
cmyn4* 0.0 1.0 0.0 0.0
standard and adapted CIELAB
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 CIELAB 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

c02

relative Inform. Technology (IT)
olvi3* 1.0 0.5 0.0 (1.0)
cmyn3* 0.0 0.5 1.0 (0.0)
olvi4* 1.0 0.5 0.0 1.0
cmyn4* 0.0 0.5 1.0 0.0
standard and adapted CIELAB
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 CIELAB 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

relative Inform. Technology (IT)
olvi3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 1.0
cmyn4* 0.0 0.5 0.5 0.0
standard and adapted CIELAB
LAB*LAB 72.95 38.45 32.27
LAB*LABa 72.95 38.45 32.27
LAB*TCHa 75.0 50.2 40.0
relative CIELAB 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

relative Inform. Technology (IT)
olvi3* 1.0 0.5 1.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olvi4* 1.0 0.5 1.0 1.0
cmyn4* 0.0 0.5 0.0 0.0
standard and adapted CIELAB
LAB*LAB 76.35 47.17 -29.19
LAB*LABa 76.35 47.17 -29.19
LAB*TCHa 75.0 55.47 328.23
relative CIELAB lab*
lab*lab 0.8 0.425 -0.262
lab*tch 0.75 0.5 0.912
lab*nch 0.0 0.5 0.912
relative Natural Colour (NC)
lab*lrj 0.8 0.281 -0.412
lab*tce 0.75 0.5 0.845
lab*nce 0.0 0.5 b38r

c03

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.0 (1.0)
cmyn3* 0.0 0.0 1.0 (0.0)
olvi4* 1.0 1.0 0.0 1.0
cmyn4* 0.0 0.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 92.65 -20.69 90.73
LAB*LABa 92.65 -20.69 90.73
LAB*TCHa 50.0 93.06 102.85
relative CIELAB lab*
lab*lab 0.971 -0.221 0.975
lab*tch 0.5 1.0 0.286
lab*nch 0.0 1.0 0.286
relative Natural Colour (NC)
lab*lrj 0.971 -0.172 0.985
lab*tce 0.5 1.0 0.278
lab*nce 0.0 1.0 j11g

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olvi4* 1.0 1.0 0.5 1.0
cmyn4* 0.0 0.0 0.5 0.0
standard and adapted CIELAB
LAB*LAB 94.03 -10.34 45.37
LAB*LABa 94.03 -10.34 45.37
LAB*TCHa 75.0 46.53 102.85
relative CIELAB lab*
lab*lab 0.985 -0.11 0.487
lab*tch 0.75 0.5 0.286
lab*nch 0.0 0.5 0.286
relative Natural Colour (NC)
lab*lrj 0.985 -0.085 0.492
lab*tce 0.75 0.5 0.278
lab*nce 0.0 0.5 j11g

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
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -
relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 -
lab*nce 0.0 0.0 -

(olv3* = 1.0, 1, 0)