

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

*)

a01

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 CIE LAB				
LAB*LAB	0.03	0.0	0.0	0.0
LAB*LABa	0.03	0.0	0.0	0.0
LAB*TCtHa	0.01	0.01	0.01	0.01
relative CIE LAB lab*				
lab*lab	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	1.0	0.0	-	-
relative Natural Colour (NC)				
lab*lrj	0.0	0.0	0.0	0.0
lab*tce	0.0	0.0	0.0	0.0
lab*nce	1.0	0.0	-	-

a02

relative Inform. Technology (IT)							
olvi3*	0.0	0.25	0.0	(1.0)			
cmyn3*	1.0	0.75	1.0	(0.0)			
olvi4*	0.75	1.0	0.75	0.25			
cmyn4*	0.25	0.0	0.25	0.75			
standard and adapted CIE LAB							
LAB*LAB	20.92	-20.67	19.97	LAB*LAB	20.92	-20.67	19.97
LAB*LABa	20.92	-20.67	19.97	LAB*LABa	20.92	-20.67	19.97
LAB*TCtHa	12.5	28.75	136.01	LAB*TCtHa	12.5	28.75	136.01
relative CIE LAB lab*							
lab*lab	0.219	-0.179	0.174	lab*lab	0.219	-0.179	0.174
lab*tch	0.125	0.25	0.378	lab*tch	0.125	0.25	0.378
lab*nch	0.75	0.25	0.378	lab*nch	0.75	0.25	0.378
relative Natural Colour (NC)							
lab*lrj	0.219	-0.188	0.164	lab*lrj	0.219	-0.188	0.164
lab*tce	0.125	0.25	0.386	lab*tce	0.125	0.25	0.386
lab*nce	0.75	0.25	j54g	lab*nce	0.75	0.25	j54g

a03

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 CIE LAB							
LAB*LAB	41.82	-41.36	39.94	LAB*LAB	41.82	-41.36	39.94
LAB*LABa	41.82	-41.36	39.94	LAB*LABa	41.82	-41.36	39.94
LAB*TCtHa	25.01	57.51	136.01	LAB*TCtHa	25.01	57.51	136.01
relative CIE LAB lab*							
lab*lab	0.438	-0.359	0.347	lab*lab	0.438	-0.359	0.347
lab*tch	0.25	0.5	0.378	lab*tch	0.25	0.5	0.378
lab*nch	0.5	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*lrj	0.438	-0.376	0.328
lab*tce	0.25	0.5	0.386	lab*tce	0.25	0.5	0.386
lab*nce	0.5	0.5	j44g	lab*nce	0.5	0.5	j44g

a04

relative Inform. Technology (IT)							
olvi3*	0.0	0.75	0.0	(1.0)			
cmyn3*	1.0	0.25	1.0	(0.0)			
olvi4*	0.25	1.0	0.25	0.75			
cmyn4*	0.75	0.0	0.75	0.25			
standard and adapted CIE LAB							
LAB*LAB	62.73	-62.05	59.92	LAB*LAB	62.73	-62.05	59.92
LAB*LABa	62.73	-62.05	59.92	LAB*LABa	62.73	-62.05	59.92
LAB*TCtHa	37.51	86.27	136.01	LAB*TCtHa	37.51	86.27	136.01
relative CIE LAB lab*							
lab*lab	0.657	-0.538	0.521	lab*lab	0.657	-0.538	0.521
lab*tch	0.375	0.75	0.378	lab*tch	0.375	0.75	0.378
lab*nch	0.25	0.75	0.378	lab*nch	0.25	0.75	0.378
relative Natural Colour (NC)							
lab*lrj	0.657	-0.569	0.492	lab*lrj	0.657	-0.569	0.492
lab*tce	0.375	0.75	0.386	lab*tce	0.375	0.75	0.386
lab*nce	0.25	0.75	j54g	lab*nce	0.25	0.75	j54g

a05

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 CIE LAB							
LAB*LAB	83.62	-82.73	79.88	LAB*LAB	83.62	-82.73	79.88
LAB*LABa	83.62	-82.73	79.88	LAB*LABa	83.62	-82.73	79.88
LAB*TCtHa	50.0	115.01	136.01	LAB*TCtHa	50.0	115.01	136.01
relative CIE LAB lab*							
lab*lab	0.976	-0.718	0.694	lab*lab	0.976	-0.718	0.694
lab*tch	0.5	1.0	0.378	lab*tch	0.5	1.0	0.378
lab*nch	0.0	1.0	0.378	lab*nch	0.0	1.0	0.378
relative Natural Colour (NC)							
lab*lrj	0.976	-0.753	0.656	lab*lrj	0.976	-0.753	0.656
lab*tce	0.5	1.0	0.386	lab*tce	0.5	1.0	0.386
lab*nce	0.0	1.0	j54g	lab*nce	0.0	1.0	j54g

relative Inform. Technology (IT)							
olvi3*	0.0	0.0	0.25	(1.0)			
cmyn3*	1.0	1.0	0.75	(0.0)			
olvi4*	0.75	0.75	1.0	0.25			
cmyn4*	0.25	0.25	0.0	0.75			
standard and adapted CIE LAB							
LAB*LAB	7.61	19.01	-25.87	LAB*LAB	7.61	19.01	-25.87
LAB*LABa	7.61	19.01	-25.87	LAB*LABa	7.61	19.01	-25.87
LAB*TCtHa	12.5	32.11	306.29	LAB*TCtHa	12.5	32.11	306.29
relative CIE LAB lab*							
lab*lab	0.08	0.148	-0.2	lab*lab	0.08	0.148	-0.2
lab*tch	0.125	0.25	0.851	lab*tch	0.125	0.25	0.851
lab*nch	0.75	0.25	0.851	lab*nch	0.75	0.25	0.851
relative Natural Colour (NC)							
lab*lrj	0.08	0.063	-0.241	lab*lrj	0.08	0.063	-0.241
lab*tce	0.125	0.25	0.791	lab*tce	0.125	0.25	0.791
lab*nce	0.75	0.25	b16r	lab*nce	0.75	0.25	b16r

relative Inform. Technology (IT)							
olvi3*	0.0	0.25	0.0	(1.0)			
cmyn3*	1.0	0.75	1.0	(0.0)			
olvi4*	0.75	1.0	0.75	0.5			
cmyn4*	0.25	0.0	0.75	0.25			
standard and adapted CIE LAB							
LAB*LAB	21.73	-11.53	-3.38	LAB*LAB	21.73	-11.53	-3.38
LAB*LABa	21.73	-11.53	-3.38	LAB*LABa	21.73	-11.53	-3.38
LAB*TCtHa	12.5	12.03	196.37	LAB*TCtHa	12.5	12.03	196.37
relative CIE LAB lab*							
lab*lab	0.228	-0.239	-0.069	lab*lab	0.228	-0.239	-0.069
lab*tch	0.125	0.25	0.545	lab*tch	0.125	0.25	0.545
lab*nch	0.75	0.25	0.545	lab*nch	0.75	0.25	0.545
relative Natural Colour (NC)							
lab*lrj	0.228	-0.235	-0.082	lab*lrj	0.228	-0.235	-0.082
lab*tce	0.125	0.25	0.554	lab*tce	0.125	0.25	0.554
lab*nce	0.75	0.25	g21b	lab*nce	0.75	0.25	g21b

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	0.5	0.5			
cmyn4*	0.5	0.0	0.5	0.5			
standard and adapted CIE LAB							
LAB*LAB	43.45	-23.07	-6.77	LAB*LAB	43.45	-23.07	-6.77
LAB*LABa	43.45	-23.07	-6.77	LAB*LABa	43.45	-23.07	-6.77
LAB*TCtHa	25.01	24.06	196.37	LAB*TCtHa	25.01	24.06	196.37
relative CIE LAB lab*							
lab*lab	0.455	-0.479	-0.14	lab*lab	0.455	-0.479	-0.14
lab*tch	0.25	0.5	0.545	lab*tch	0.25	0.5	0.545
lab*nch	0.5	0.5	0.545	lab*nch	0.5	0.5	0.545
relative Natural Colour (NC)							
lab*lrj	0.447	-0.463	0.181	lab*lrj	0.447	-0.463	0.181
lab*tce	0.25	0.5	0.554	lab*tce	0.25	0.5	0.554
lab*nce	0.5	0.5	j62b	lab*nce	0.5	0.5	j62b

relative Inform. Technology (IT)							
olvi3*	0.0	0.75	0.5	(1.0)			
cmyn3*	1.0	0.25	0.5	(0.0)			
olvi4*	0.25	1.0	0.25	0.75			
cmyn4*	0.75	0.0	0.25	0.25			
standard and adapted CIE LAB							
LAB*LAB	64.35	-43.76	13.2	LAB*LAB	64.35	-43.76	13.2
LAB*LABa	64.35	-43.76	13.2	LAB*LABa	64.35	-43.76	13.2
LAB*TCtHa	37.51	45.72	162.22	LAB*TCtHa	37.51	45.72	162.22
relative CIE LAB lab*							
lab*lab	0.674	-0.717	0.216	lab*lab	0.674	-0.717	0.216
lab*tch	0.375	0.75	0.453	lab*tch	0.375	0.75	0.453
lab*nch	0.25	0.75	0.453	lab*nch	0.25	0.75	0.453
relative Natural Colour (NC)							
lab*lrj	0.674	-0.648	0.375	lab*lrj	0.674	-0.648	0.375
lab*tce	0.375	0.75	0.475	lab*tce	0.375	0.75	0.475
lab*nce	0.25	0.75	j90g	lab*nce	0.25	0.75	j90g

relative Inform. Technology (IT)							
olvi3*	0.0	0.75	0.5	(1.0)			
cmyn3*	1.0	0.25	0.5	(0.0)			
olvi4*	0.25	1.0	0.25	0.75			
cmyn4*	0.75	0.0	0.25	0.25			
standard and adapted CIE LAB							
LAB*LAB	65.16	-34.61	-10.16	LAB*LAB	65.16	-34.61	-10.16
LAB*LABa	65.16	-34.61	-10.16	LAB*LABa	65.16	-34.61	-10.16
LAB*TCtHa	37.51	36.09	196.37	LAB*TCtHa	37.51	36.09	196.37
relative CIE LAB lab*							
lab*lab	0.683	-0.719	-0.21	lab*lab	0.683	-0.719	-0.21
lab*tch	0.375	0.75	0.545	lab*tch	0.375	0.75	0.545
lab*nch	0.25	0.75	0.545	lab*nch	0.25	0.75	0.545
relative Natural Colour (NC)							
lab*lrj	0.683	-0.677	-0.247	lab*lrj	0.683	-0.677	-0.247
lab*tce	0.375	0.75	0.554	lab*tce	0.375	0.75	0.554
lab*nce	0.25	0.75	g21b	lab*nce	0.25	0.75	g21b

relative Inform. Technology (IT)							
olvi3*	0.0	1.0	0.75	(1.0)			
cmyn3*	1.0	0.0	0.25	(0.0)			
olvi4*	0.0	1.0	0.75	1.0			
cmyn4*	1.0	0.0	0.25	0.0			
standard and adapted CIE LAB							
LAB*LAB	86.06	-55.29	9.8	LAB*LAB	86.06	-55.29	9.8
LAB*LABa	86.06	-55.29	9.8	LAB*LABa	86.06	-55.29	9.8
LAB*TCtHa	50.0	116.57	169.95	LAB*TCtHa	50.0	116.57	169.95
relative CIE LAB lab*							
lab*lab	0.902	-0.983	0.174	lab*lab	0.902	-0.983	0.174
lab*tch	0.5	1.0	0.472	lab*tch	0.5	1.0	0.472
lab*nch	0.0	1.0	0.472	lab*nch	0.0	1.0	0.472
relative Natural Colour (NC)							
lab*lrj	0.902	-0.902	0.018	lab*lrj	0.902	-0.902	0.018
lab*tce	0.5	1.0	0.497	lab*tce	0.5	1.0	0.497
lab*nce	0.0	1.0	j90g	lab*nce	0.0	1.0	j90g

relative Inform. Technology (IT)							
olvi3*	0.0	1.0	1.0	(1.0)			
cmyn3*	1.0	0.0	1.0	(0.0)			
olvi4*	0.0	1.0	1.0	0.0			
cmyn4*	1.0	0.0	1.0	0.0			
standard and adapted CIE LAB							
LAB*LAB	86.87	-46.15	-13.55	LAB*LAB	86.87	-46.15	-13.55
LAB*LABa	86.87	-46.15	-13.55	LAB*LABa	86.87	-46.15	-13.55
LAB*TCtHa	50.0	119.39	196.37	LAB*TCtHa	50.0	119.39	196.37
relative CIE LAB lab*							
lab*lab	0.911	-0.958	-0.281	lab*lab	0.911	-0.958	-0.281
lab*tch	0.5	1.0	0.545	lab*tch	0.5	1.0	0.545
lab*nch	0.0	1.0	0.545	lab*nch	0.0	1.0	0.545
relative Natural Colour (NC)							
lab*lrj	0.911	-0.911	-0.33	lab*lrj	0.911	-0.911	-0.33
lab*tce	0.5	1.0	0.554	lab*tce	0.5	1.0	0.554
lab*nce	0.0	1.0	g21b	lab*nce	0.0	1.0	g21b

(olv3* = 0.0, 0, 1)

System: TLS00

Siehe ähnliche Dateien: <http://www.ps.bam.de/LG40/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

(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

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

relative Information Technology (IT)				
<i>olvi3*</i>	0.25	0.0	0.0	(1.0)
<i>cmyin3*</i>	0.75	1.0	1.0	(0.0)
<i>olvi4*</i>	1.0	0.75	0.75	(0.25)
<i>cmyin4*</i>	0.0	0.25	0.25	(0.75)
standard and adapted CIELAB				
<i>LAB*LAB</i>	12.64	19.22	16.13	13.13
<i>LAB*LABa</i>	12.64	19.22	16.13	13.13
<i>LAB*TCHa</i>	12.5	25.09	40.0	16.0
relative CIELAB				
<i>lab*lab</i>	0.132	0.191	0.161	0.132
<i>lab*tcch</i>	0.125	0.25	0.111	0.111
<i>lab*ncch</i>	0.75	0.25	0.111	0.111
relative Natural Colour (NC)				
<i>lab*trj</i>	0.132	0.244	0.056	0.056
<i>lab*trc</i>	0.125	0.25	0.036	0.036
<i>lab*ncce</i>	0.75	0.25	0.141	0.141

b01

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.25	0.0	0.25 (1.0)
<i>cmyn3*</i>	0.75	1.0	0.75 (0.0)
<i>olvi4*</i>	0.1	0.75	1.0 0.25
<i>cmyn4*</i>	0.0	0.25	0.0 0.75
standard and adapted CIELAB			
<i>LAB*LAB</i>	14.34	23.58	-14.59
<i>LAB*LABa</i>	14.34	23.58	-14.59
<i>LAB*TCbA</i>	12.5	27.3	328.24
relative CIELAB Lab			
<i>lab*lab</i>	0.15	0.212	-0.131
<i>lab*labch</i>	0.125	0.25	0.912
<i>lab*nch</i>	0.75	0.25	0.912
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.15	0.141	-0.206
<i>lab*tcce</i>	0.125	0.25	0.845
<i>lab*nche</i>	0.75	0.25	b38r

relative Inform. Technology (IT)

olv3*	0.25	0.0	0.5	(1.0)
olv3*	0.75	1.0	0.5	(0.0)
cmyn3*	0.75	0.5	1.0	0.5
cmyn4*	0.25	0.5	0.0	0.5

standard and adapted CIELAB

LAB*LAB	21.93	42.59	-40.48
LAB*LABa	21.93	42.59	-40.48
LAB*TCCha	25.01	58.77	316.45

relative CIELAB lab*

lab*lab	0.23	0.362	-0.343
lab*ch	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	b26r

relative Inform. Technology (IT)

olv13*	0.25	0.0	0.75	(1.0)
cmyn3*	0.75	1.0	0.25	(0.0)
olv14*	0.5	0.25	1.0	0.75
cmyn4*	0.5	0.75	0.0	0.25

standard and adapted CIELAB

LAB*LAB	29.53	61.61	-66.38
LAB*LABa	29.53	61.61	-66.38
LAB*TCRa	37.51	90.57	312.86

relative CIELAB lab*

lab*lab	0.51	-0.549
lab*mc	0.375	0.869
lab*mc	0.25	0.75

relative Natural Colour (NC)

lab*nrj	0.309	0.263	-0.701
lab*nce	0.375	0.75	0.807
lab*nce	0.25	0.75	b22r

relative Inform. Technology (IT)

oliv3*	0.25	0.0	1.0	(1.0)
cmym3*	0.75	1.0	0.0	(0.0)
oliv4*	0.25	0.0	1.0	1.0
cmym4*	0.75	1.0	0.0	0.0

standard and adapted CIELAB

LAB*Lab	37.12	80.62	-92.26
LAB*Lab _a	37.12	80.62	-92.26
LAB*TCha	50.0	122.53	311.14

relative CIELab lab*

lab*	0.389	0.658	-0.752
lab*ch	0.5	1.0	0.864
lab*nc	0.5	1.0	0.864

relative Natural Colour (NC)

lab*lrj	0.389	0.326	-0.944
lab*ice	0.5	1.0	0.803
lab*ncE	0.0	1.0	b21r

$$(\text{olv3}^* = 0.25, 0, 1)$$

System: TLS00

	relative intensity	Technology (IT)
olvi3*	0.25	0.25
cmy3*	0.75	0.75
olvi4*	1.0	0.75
cmy4*	0.0	0.0
standard and adapted		
LAB*LAB	23.17	-5.15
LAB*LAB	23.17	-5.15
LAB*TCiHa	12.5	23.26
relative CIE LAB lab*		
lab*lab	0.243	0.055
lab*rch	0.125	0.25
lab*nch	0.75	0.25
relative Natural Colour (NC)		
lab*trj	0.243	-0.042
lab*nce	0.125	0.278
lab*nce	0.75	0.25

b02

relative Interm. Technology (IT)			
cm3n*	0.25	0.25	0.25 (1.0)
cm3n3*	0.75	0.75	0.75 (0.0)
olvi4*	1.0	1.0	1.0 0.25
cmyn4*	0.0	0.0	0.0 0.75
combined and adapted CIELAB			
LAB*LAB	23.87	0.0	0.0
LAB*LABa	23.87	0.0	0.0
LAB*TCHa	25.0	0.01	-
relative CIELAB lab*			
lab*lab	0.25	0.0	0.0
lab*lab	0.25	0.0	-
lab*lab	0.25	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.25	0.0	0.0
lab*tee	0.25	0.0	-
lab*nce	0.75	0.0	-

relative Inform. Technology (IT)			
olvi3*	0.25	0.25	0.5 (1.0)
cmv3*	0.75	0.75	0.5 (0.0)
olvi4*	0.75	0.75	1.0 0.5
cmv4*	0.25	0.25	0.0 0.5
standard and adapted CIELAB			
LAB*LAB	31.46	19.01	-25.89
LAB*LABa	31.46	19.01	-25.89
LAB*TCiHa	37.5	32.13	306.29
relative CIELAB lab*			
lab*lab	0.33	0.148	-0.201
lab*ch	0.375	0.25	0.851
lab*ch	0.33	0.25	0.851
relative Natural Colour (nec)			
lab*nec	0.33	0.063	0.241
lab*nce	0.375	0.25	0.791
lab*nec	0.5	0.25	b16r

relative Inform. Technology (IT)			
<i>olvi2</i>	0.25	0.25	1.0
<i>cmyn3*</i>	0.75	0.75	0.25
<i>olvi4*</i>	0.5	0.5	1.0
<i>cmyn4*</i>	0.5	0.5	0.25
standard and adapted CIELAB			
LAB*LAB	39.05	38.03	-51.78
LAB*Labo	39.05	38.03	-51.78
LAB*TCIha	50.0	64.25	306.29
relative CIELAB lab*			
lab*lab	0.409	0.296	-4.042
lab*tcn	0.5	0.5	0.851
lab*mc	0.25	0.5	0.851
relative Natural Color NC81			
lab*nrj	0.409	0.127	-4.483
lab*tcn	0.5	0.5	0.791
lab*mcE	0.25	0.5	b16r

relative Inform. Technology (IT)			
<i>olb</i>	0.25	0.2	1.0 (1.0)
<i>cmy3*</i>	0.75	0.75	0.0 (0.0)
<i>olvi*</i>	0.25	0.25	1.0 1.0
<i>cmy4*</i>	0.75	0.75	0.0 0.0
standard and adapted CIELAB			
LAB*LAB	46.64	57.04	-77.66
LAB*LABa	46.64	57.04	-77.66
LAB*TCRa	62.5	96.37	306.29
relative CIELAB lab*			
lab*lab	0.489	0.444	-6.03
lab*lab ^h	0.625	0.75	0.851
lab*lab ^c	0.0	0.75	0.851
relative Natural Color (NC)			
lab*lab ^h	0.489	0.1	-0.724
lab*lab ^c	0.625	0.75	0.791
lab*lab ^{nc}	0.0	0.75	b16r

relative Information Technology (IT)			
olvi3*	0.25	0.5	0.0 (1.0)
cmycn3*	0.75	0.5	0.0 (0.0)
olvi4*	0.25	1.0	0.5 (0.5)
cmycn4*	0.25	0.0	0.5 (0.5)
standard and adapted CIELAB			
lab*LAB	44.08	-25.85	42.65
lab*LABa	44.08	-25.85	42.65
lab*Lab	25.01	19.88	121.2
relative CIELAB Lab*			
lab*lab	0.462	-0.258	0.427
lab*tch	0.25	0.5	0.337
lab*ncb	0.5	0.5	0.337
relative Natural Colour (NC)			
lab*nrj	0.462	0.161	0.426
lab*tcc	0.25	0.5	0.338
lab*nce	0.5	0.5	0.356

b03

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.25	0.5	0.25 (1.0)
<i>cmy3*</i>	0.75	0.5	0.75 (0.0)
<i>olvi4*</i>	0.75	1.0	0.75 (0.5)
<i>cmy4*</i>	0.25	0.0	0.25 0.5
standard and adapted CIELAB			
LAB*LAB	44.76	-20.68	19.98
LAB*Lab _a	44.76	-20.68	19.98
LAB*Lab _b	34.73	28.76	136.01
relative CIELAB Lab_a			
<i>lab*lab_a</i>	0.469	-0.179	0.174
<i>lab*lab_b</i>	0.375	0.25	0.378
<i>lab*lab_c</i>	0.5	0.25	0.378
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.469	-0.188	0.164
<i>lab*nce</i>	0.375	0.25	0.386
<i>lab*nci</i>	0.5	0.25	0.348

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 CIELAB

LAB*LAB	45.58	-11.53	-3.38
LAB*LABa	45.58	-11.53	-3.38
LAB*LABb	45.58	-11.53	-3.38
LAB*TCIha	37.75	12.03	196.37

relative CIELAB*

lab*lab	0.478	-0.239	-0.069
lab*ch	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*tee	0.375	0.25	0.554
lab*nce	0.5	0.25	0.545

relative Inform. Technology (IT)

olvi3*	0.25	0.5	0.75	(1.0)
cmyn3*	0.75	0.5	0.25	(0.0)
olvi4*	0.5	0.75	1.0	0.75
cmyn4*	0.5	0.25	0.0	0.25

standard and adapted CIELAB

LAB*LAB	53.17	7.47	-29.28
LAB*Lab _a	53.17	7.47	-29.28
LAB*TCh _a	50.0	30.22	284.31

relative CIELAB lab_a

lab*lab _a	0.557	0.124	-0.483
lab*lab _b	0.5	0.5	0.79
lab*lab _c	0.25	0.5	0.79

relative Natural Colour (NC)

lab*lrj	0.557	-0.035	-0.498
lab*tc _e	0.5	0.5	0.738
lab*ncE	0.25	0.5	g95b

relative Inform. Technology (IT)				
olvi3*	0.25	0.5	1.0	(1.0)
cmyn3*	0.75	0.5	0.0	(0.0)
olvi4*	0.25	0.5	1.0	1.0
cmyn4*	0.75	0.5	0.0	0.0
standard and adapted CIELAB				
LAB*Lab	60.76	26.48	-55.16	
Lab*Lab	60.76	26.48	-55.16	
Lab*TCb	62.5	61.2	295.64	
relative CIE L*a*b*				
lab*lab	0.637	0.324	-0.675	
lab*tc	0.625	0.75	0.821	
lab*nc	0.0	0.75	0.821	
relative Natural Colour (NC)				
lab*lrj	0.637	0.068	-0.746	
lab*tc	0.625	0.75	0.764	
lab*nc	0.0	0.75	0.605	

	relative Information Technology (IT)
<i>olvi3*</i>	0.25 0.75 0.00 (1.0)
<i>cmya3*</i>	0.75 0.25 1.00 (0.0)
<i>olvi4*</i>	0.5 1.0 0.25 (0.75)
<i>cmya4*</i>	0.5 0.0 0.75 (0.25)
	standard and adapted CIELAB
LAB*LAB	64.98 -46.54 62.63
LAB*LAB	64.98 -46.54 62.63
LAB*TCiHa	37.51 78.04 126.66
	relative CIELAB Lab
<i>lab*lab</i>	0.681 0.446 0.602
<i>lab*tcch</i>	0.375 0.75 0.352
<i>lab*nch</i>	0.25 0.75 0.352
	relative Natural Colour (NC)
<i>lab*trj</i>	0.681 0.46 0.591
<i>lab*nce</i>	0.375 0.75 0.352
<i>lab*nCe</i>	0.25 0.75 j42g

b04

relative Inform. Technology (IT)

<i>olvi3*</i>	0.25	0.75	0.25	(1.0)
<i>cmyn3*</i>	0.75	0.25	0.75	(0.0)
<i>olvi4*</i>	0.5	1.0	0.5	0.75
<i>cmyn4*</i>	0.5	0.0	0.5	0.25

standard and adapted CIELAB

LAB*LAB	65.67	-41.37	39.95
LAB*LABa	65.67	-41.37	39.95
LAB*LABb	50.0	57.52	136.01

relative CIELAB lab*

<i>lab*lab</i>	0.688	-0.359	0.347
<i>lab*labch</i>	0.5	0.5	0.378
<i>lab*nch</i>	0.25	0.5	0.378

relative Natural Colour (Nc)

<i>lab*lrj</i>	0.688	-0.376	0.328
<i>lab*tce</i>	0.5	0.5	0.386
<i>lab*nCe</i>	0.25	0.5	0.54g

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 CIELAB

LAB*LAB	66.48	-32.22	16.59
LAB*Lab _a	66.48	-32.22	16.59
LAB*TC _h A	50.0	36.25	152.77

relative CIELAB lab*

lab*lab	0.697	0.444	0.229
lab*lab _a	0.5	0.5	0.424
lab*lab _b	0.25	0.5	0.424

relative Natural Colour (NC)

lab*lrj	0.697	-0.465	0.181
lab*nce	0.5	0.5	0.441
lab*ncE	0.25	0.5	j76g

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 CIELAB

LAB*LAB	67.29	-23.08	-6.77
LAB*Lab _a	67.29	-23.08	-6.77
LAB*TC _h a	50.0	24.06	196.37

relative CIELAB lab*

lab*lab	0.705	-0.479	-0.14
lab*lab _a	0.705	0.5	0.545
lab*mc _h	0.25	0.5	0.545

relative Natural Colour (NC)

lab*nrj	0.705	-0.471	-0.164
lab*tc _e	0.5	0.5	0.554
lab*mcE	0.25	0.5	g21b

relative Inform. Technology (IT)

olvi3*	0.25	0.75	1.0	(1.0)
cmyn3*	0.75	0.25	0.0	(0.0)
olvi4*	0.25	0.75	1.0	1.0
cmyn4*	0.75	0.25	0.0	0.0

standard and adapted CIELAB

LAB*LAB	74.89	-4.07	-32.65
LAB*LAB	74.89	-4.07	-32.65
LAB*TCRa	62.5	32.92	262.88

relative CIELAB lab*

lab*lab	0.785	-0.092	-0.743
lab*lab	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*tcie	0.625	0.75	0.693
lab*nce	0.0	0.75	0.677

relative Information Technology (IT)			
<i>olvi3*</i>	0.25	1.0	0.0 (1.0)
<i>cmyn3*</i>	0.75	1.0	0.0 (0.0)
<i>olvi4*</i>	0.25	1.0	1.0 (1.0)
<i>cmyn4*</i>	0.75	0.0	1.0 (0.0)
standard and adapted CIELAB			
<i>LAB*LAB</i>	85.88	-67.22	82.6
<i>LAB*LAB</i>	85.88	-67.22	82.6
<i>LAB*TCiHa</i>	50.0	106.5	129.1
relative CIELAB lab*			
<i>lab*lab</i>	0.9	0.63	0.7759
<i>lab*tcH</i>	0.5	1.0	0.359
<i>lab*nch</i>	0.0	1.0	0.359
relative Natural Colour (NC)			
<i>lab*trj</i>	0.9	-0.654	0.736
<i>lab*tcE</i>	0.5	1.0	0.364
<i>lab*ncE</i>	0.0	1.0	0.458

b05

relative Inform. Technology (IT)			
<i>olvi</i> * 0.75	0.15	0.25	(0)
<i>cymn3*</i>	0.75	0.0	(0.0)
<i>olvi4*</i>	0.25	1.0	2.5
<i>cymn4*</i>	0.75	0.0	0.75
standard and adapted CIELAB			
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 CIELAB lab*			
<i>lab</i> * <i>lab</i>	0.907	-0.538	0.521
<i>lab</i> * <i>lab</i> _a	0.625	0.75	0.378
<i>lab</i> * <i>lab</i> _b	0.0	0.75	0.378
relative Natural Colour (NC)			
<i>lab</i> * <i>nc</i>	0.907	0.565	0.492
<i>lab</i> * <i>nc</i> _a	0.625	0.75	0.386
<i>lab</i> * <i>nc</i> _b	0.0	0.75	0.348

relative Inform. Technology (IT)

cm3*	0.25	1.0	0.5	(1.0)
cmyn3*	0.75	0.0	0.5	(0.0)
olvi4*	0.25	1.0	0.5	1.0
cmyn4*	0.75	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	87.38	-52.9	36.55
LAB*LABa	87.38	-52.9	36.55
LAB*TCfAB	62.5	64.31	145.36

relative CIELAB lab*

lab*lab	0.916	-0.616	0.426
lab*ch	0.625	0.75	0.404
lab*nch	0.0	0.75	0.404

relative Natural Colour (Nc)

lab*njr	0.916	0.649	0.375
lab*ncc	0.625	0.75	0.417
lab*nce	0.0	0.75	j66g

relative Inform. Technology (IT)		
olvi	0.25	1.0 0.75 (1.0)
cmy3*	0.75	0.0 0.25 (0.0)
olvi4*	0.25	1.0 0.75 (1.0)
olvi4*	0.75	0.0 0.25 (0.0)
standard and adapted CIELAB		
LAB*LAB	88.19	-43.76 13.19
LAB*Lab	88.19	-43.76 13.19
LAB*TChA	62.5	45.71 163.23
relative CIELAB lab*		
lab*lab	0.924	-0.717 0.216
lab*tch	0.625	0.75 0.453
lab*mc	0.0	0.75 0.453
relative Natural ColorChecker		
lab*	0.924	0.74 0.117
lab*tch	0.625	0.75 0.475
lab*mc	0.0	0.75 0.475

relative Inform. Technology (IT)			
<i>olvi</i>	0.25	1.0	(1.0)
<i>cmy3*</i>	0.75	0.0	(0.0)
<i>olvi*</i>	0.25	1.0	1.0
<i>cmy4*</i>	0.75	0.0	0.0
standard and adapted CIELAB			
LAB*Lab	89.0	-34.61	-10.16
LAB*Lab _a	89.0	-34.61	-10.16
LAB*TC _h a	62.5	36.09	196.37
relative CIELAB lab*			
lab*lab	0.933	-0.719	-0.21
lab*tc _h	0.625	0.75	0.545
lab*nc _h	0.0	0.75	0.545
relative Natural Color (NC)			
lab*nc	0.933	0.07	-0.247
lab*tc _h	0.625	0.75	0.554
lab*nc _E	0.0	0.75	0.521

 $(\text{olv3}^* = 0.25, 1, 0)$

LG400-7, Prüfvorlagen-Datei mit 5x5x5 (=125) Farben; Geräteabhängige Farbkoordinaten $olv3^*$ von ISO/IEC 15775:1999 als Eingabe; $r3^* = o3^* = 0.25 = \text{const}$

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

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

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

c01	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)	relative Inform. Technology (IT)	relative Inform. Technology (IT)	relative Inform. Technology (IT)	relative Inform. Technology (IT)	relative Inform. Technology (IT)
	olv3* 0.5 0.5 0.0 (1.0)	olv3* 0.5 0.5 0.0 (1.0)	olv3* 0.5 0.5 0.0 (1.0)	olv3* 0.5 0.5 0.0 (1.0)	olv3* 0.5 0.5 0.0 (1.0)	olv3* 0.5 0.5 0.0 (1.0)	olv3* 0.5 0.5 0.0 (1.0)	olv3* 0.5 0.5 0.0 (1.0)	olv3* 0.5 0.5 0.0 (1.0)	olv3* 0.5 0.5 0.0 (1.0)
	cmyn3* 0.5 1.0 0.0 (0.0)	cmyn3* 0.5 1.0 0.0 (0.0)	cmyn3* 0.5 1.0 0.0 (0.0)	cmyn3* 0.5 1.0 0.0 (0.0)	cmyn3* 0.5 1.0 0.0 (0.0)	cmyn3* 0.5 1.0 0.0 (0.0)	cmyn3* 0.5 1.0 0.0 (0.0)	cmyn3* 0.5 1.0 0.0 (0.0)	cmyn3* 0.5 1.0 0.0 (0.0)	cmyn3* 0.5 1.0 0.0 (0.0)
	olv4* 1.0 0.5 0.5 0.5	olv4* 1.0 0.5 0.5 0.5	olv4* 1.0 0.5 0.5 0.5	olv4* 1.0 0.5 0.5 0.5	olv4* 1.0 0.5 0.5 0.5	olv4* 1.0 0.5 0.5 0.5	olv4* 1.0 0.5 0.5 0.5	olv4* 1.0 0.5 0.5 0.5	olv4* 1.0 0.5 0.5 0.5	olv4* 1.0 0.5 0.5 0.5
	cmyn4* 0.0 0.5 0.5 0.5	cmyn4* 0.0 0.5 0.5 0.5	cmyn4* 0.0 0.5 0.5 0.5	cmyn4* 0.0 0.5 0.5 0.5	cmyn4* 0.0 0.5 0.5 0.5	cmyn4* 0.0 0.5 0.5 0.5	cmyn4* 0.0 0.5 0.5 0.5	cmyn4* 0.0 0.5 0.5 0.5	cmyn4* 0.0 0.5 0.5 0.5	cmyn4* 0.0 0.5 0.5 0.5
	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB
	LAB*LAB 25.26 38.45 32.27	LAB*LAB 25.26 38.45 32.27	LAB*LAB 26.96 42.81 1.54	LAB*LAB 26.96 42.81 1.54	LAB*LAB 28.66 47.17 -29.19	LAB*LAB 28.66 47.17 -29.19	LAB*LAB 36.25 66.18 -55.09	LAB*LAB 36.25 66.18 -55.09	LAB*LAB 43.85 85.19 -80.97	LAB*LAB 43.85 85.19 -80.97
	LAB*LABa 25.01 30.2 40.0	LAB*LABa 25.01 30.2 40.0	LAB*LABa 25.01 30.2 40.0	LAB*LABa 25.01 30.2 40.0	LAB*LABa 25.01 30.2 40.0	LAB*LABa 25.01 30.2 40.0	LAB*LABa 25.01 30.2 40.0	LAB*LABa 25.01 30.2 40.0	LAB*LABa 25.01 30.2 40.0	LAB*LABa 25.01 30.2 40.0
	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*
	lab*lab 0.265 0.383 0.321	lab*lab 0.265 0.383 0.321	lab*lab 0.282 0.5 0.018	lab*lab 0.282 0.5 0.018	lab*lab 0.3 0.425 -0.262	lab*lab 0.3 0.425 -0.262	lab*lab 0.38 0.576 -0.479	lab*lab 0.38 0.576 -0.479	lab*lab 0.459 0.725 -0.688	lab*lab 0.459 0.725 -0.688
	lab*tch 0.25 0.5 0.111	lab*tch 0.25 0.5 0.111	lab*tch 0.25 0.5 0.006	lab*tch 0.25 0.5 0.006	lab*tch 0.25 0.5 0.912	lab*tch 0.25 0.5 0.912	lab*tch 0.375 0.75 0.89	lab*tch 0.375 0.75 0.89	lab*tch 0.5 1.0 0.879	lab*tch 0.5 1.0 0.879
	lab*nch 0.5 0.5 0.111	lab*nch 0.5 0.5 0.111	lab*nch 0.5 0.5 0.006	lab*nch 0.5 0.5 0.006	lab*nch 0.5 0.5 0.912	lab*nch 0.5 0.5 0.912	lab*nch 0.25 0.75 0.89	lab*nch 0.25 0.75 0.89	lab*nch 0.0 1.0 0.879	lab*nch 0.0 1.0 0.879
	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)
	lab*lrj 0.265 0.487 0.112	lab*lrj 0.265 0.487 0.112	lab*lrj 0.282 0.451 -0.215	lab*lrj 0.282 0.451 -0.215	lab*lrj 0.3 0.281 -0.412	lab*lrj 0.3 0.281 -0.412	lab*lrj 0.38 0.342 -0.667	lab*lrj 0.38 0.342 -0.667	lab*lrj 0.459 0.402 -0.914	lab*lrj 0.459 0.402 -0.914
	lab*tce 0.25 0.5 0.036	lab*tce 0.25 0.5 0.036	lab*tce 0.25 0.5 0.006	lab*tce 0.25 0.5 0.006	lab*tce 0.25 0.5 0.929	lab*tce 0.25 0.5 0.929	lab*tce 0.375 0.75 0.825	lab*tce 0.375 0.75 0.825	lab*tce 0.5 1.0 0.816	lab*tce 0.5 1.0 0.816
	lab*nce 0.5 0.5 r14j	lab*nce 0.5 0.5 r14j	lab*nce 0.5 0.5 b71r	lab*nce 0.5 0.5 b71r	lab*nce 0.5 0.5 b38r	lab*nce 0.5 0.5 b38r	lab*nce 0.25 0.75 b30r	lab*nce 0.25 0.75 b30r	lab*nce 0.0 1.0 b26r	lab*nce 0.0 1.0 b26r

(olv3* = 0.5, 0, 1)

System: TLS00

c02	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)	relative Inform. Technology (IT)	relative Inform. Technology (IT)	relative Inform. Technology (IT)	relative Inform. Technology (IT)	relative Inform. Technology (IT)
	olv3* 0.5 0.25 0.0 (1.0)	olv3* 0.5 0.25 0.0 (1.0)	olv3* 0.5 0.25 0.25 (1.0)	olv3* 0.5 0.25 0.25 (1.0)	olv3* 0.5 0.25 0.5 (1.0)	olv3* 0.5 0.25 0.5 (1.0)	olv3* 0.5 0.25 0.75 (1.0)	olv3* 0.5 0.25 0.75 (1.0)	olv3* 0.5 0.25 1.0 (1.0)	olv3* 0.5 0.25 1.0 (1.0)
	cmyn3* 0.5 0.75 1.0 (0.0)	cmyn3* 0.5 0.75 1.0 (0.0)	cmyn3* 0.5 0.75 0.75 (0.0)	cmyn3* 0.5 0.75 0.75 (0.0)	cmyn3* 0.5 0.75 0.5 (0.0)	cmyn3* 0.5 0.75 0.5 (0.0)	cmyn3* 0.5 0.75 0.25 (0.0)	cmyn3* 0.5 0.75 0.25 (0.0)	cmyn3* 0.5 0.75 0.0 (0.0)	cmyn3* 0.5 0.75 0.0 (0.0)
	olv4* 1.0 0.75 0.5 0.5	olv4* 1.0 0.75 0.5 0.5	olv4* 1.0 0.75 0.75 0.5	olv4* 1.0 0.75 0.75 0.5	olv4* 1.0 0.75 1.0 0.5	olv4* 1.0 0.75 1.0 0.5	olv4* 1.0 0.75 1.0 0.75	olv4* 1.0 0.75 1.0 0.75	olv4* 1.0 0.75 1.0 1.0	olv4* 1.0 0.75 1.0 1.0
	cmyn4* 0.0 0.25 0.5 0.5	cmyn4* 0.0 0.25 0.5 0.5	cmyn4* 0.0 0.25 0.25 0.5	cmyn4* 0.0 0.25 0.25 0.5	cmyn4* 0.0 0.25 0.0 0.5	cmyn4* 0.0 0.25 0.0 0.5	cmyn4* 0.25 0.5 0.0 0.25	cmyn4* 0.25 0.5 0.0 0.25	cmyn4* 0.5 0.75 0.0 0.0	cmyn4* 0.5 0.75 0.0 0.0
	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB
	LAB*LAB 35.8 14.06 38.82	LAB*LAB 35.8 14.06 38.82	LAB*LAB 36.48 19.23 16.14	LAB*LAB 36.48 19.23 16.14	LAB*LAB 38.18 23.59 -14.6	LAB*LAB 38.18 23.59 -14.6	LAB*LAB 45.78 42.6 -40.49	LAB*LAB 45.78 42.6 -40.49	LAB*LAB 53.37 61.61 -66.37	LAB*LAB 53.37 61.61 -66.37
	LAB*LABa 35.8 14.06 38.82	LAB*LABa 35.8 14.06 38.82	LAB*LABa 36.48 19.23 16.14	LAB*LABa 36.48 19.23 16.14	LAB*LABa 38.18 23.59 -14.6	LAB*LABa 38.18 23.59 -14.6	LAB*LABa 45.78 42.6 -40.49	LAB*LABa 45.78 42.6 -40.49	LAB*LABa 53.37 61.61 -66.37	LAB*LABa 53.37 61.61 -66.37
	LAB*LABb 25.01 30.2 40.0	LAB*LABb 25.01 30.2 40.0	LAB*LABb 37.5 25.1 40.0	LAB*LABb 37.5 25.1 40.0	LAB*LABb 37.5 25.1 40.0	LAB*LABb 37.5 25.1 40.0	LAB*LABb 50.0 38.78 316.45	LAB*LABb 50.0 38.78 316.45	LAB*LABb 62.5 90.57 312.86	LAB*LABb 62.5 90.57 312.86
	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*
	lab*lab 0.375 0.17 0.47	lab*lab 0.375 0.17 0.47	lab*lab 0.382 0.192 0.161	lab*lab 0.382 0.192 0.161	lab*lab 0.4 0.213 -0.131	lab*lab 0.4 0.213 -0.131	lab*lab 0.48 0.362 -0.343	lab*lab 0.48 0.362 -0.343	lab*lab 0.559 0.51 -0.549	lab*lab 0.559 0.51 -0.549
	lab*tch 0.25 0.5 0.195	lab*tch 0.25 0.5 0.195	lab*tch 0.375 0.25 0.111	lab*tch 0.375 0.25 0.111	lab*tch 0.375 0.25 0.912	lab*tch 0.375 0.25 0.912	lab*tch 0.5 0.5 0.879	lab*tch 0.5 0.5 0.879	lab*tch 0.625 0.75 0.869	lab*tch 0.625 0.75 0.869
	lab*nch 0.5 0.5 0.195	lab*nch 0.5 0.5 0.195	lab*nch 0.5 0.5 0.111	lab*nch 0.5 0.5 0.111	lab*nch 0.5 0.5 0.912	lab*nch 0.5 0.5 0.912	lab*nch 0.0 0.75 0.879	lab*nch 0.0 0.75 0.879	lab*nch 0.0 0.75 0.869	lab*nch 0.0 0.75 0.869
	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)
	lab*lrj 0.375 0.283 0.412	lab*lrj 0.375 0.283 0.412	lab*lrj 0.382 0.244 0.056	lab*lrj 0.382 0.244 0.056	lab*lrj 0.4 0.141 -0.206	lab*lrj 0.4 0.141 -0.206	lab*lrj 0.48 0.201 -0.457	lab*lrj 0.48 0.201 -0.457	lab*lrj 0.559 0.263 -0.701	lab*lrj 0.559 0.263 -0.701
	lab*tce 0.25 0.5 0.154	lab*tce 0.25 0.5 0.154	lab*tce 0.375 0.25 0.036	lab*tce 0.375 0.25 0.036	lab*tce 0.375 0.25 0.845	lab*tce 0.375 0.25 0.845	lab*tce 0.5 0.5 0.816	lab*tce 0.5 0.5 0.816	lab*tce 0.625 0.75 0.807	lab*tce 0.625 0.75 0.807
	lab*nce 0.5 0.5 r61j	lab*nce 0.5 0.5 r61j	lab*nce 0.5 0.5 r14j	lab*nce 0.5 0.5 r14j	lab*nce 0.5 0.5 r38r	lab*nce 0.5 0.5 r38r	lab*nce 0.25 0.5 b26r	lab*nce 0.25 0.5 b26r	lab*nce 0.0 0.75 b22r	lab*nce 0.0 0.75 b22r

c03	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)	relative Inform. Technology (IT)	relative Inform. Technology (IT)	relative Inform. Technology (IT)	relative Inform. Technology (IT)	relative Inform. Technology (IT)
	olv3* 0.5 0.5 0.0 (1.0)	olv3* 0.5 0.5 0.0 (1.0)	olv3* 0.5 0.5 0.25 (1.0)	olv3* 0.5 0.5 0.25 (1.0)	olv3* 0.5 0.5 0.5 (1.0)	olv3* 0.5 0.5 0.5 (1.0)	olv3* 0.5 0.5 0.75 (1.0)	olv3* 0.5 0.5 0.75 (1.0)	olv3* 0.5 0.5 1.0 (1.0)	olv3* 0.5 0.5 1.0 (1.0)
	cmyn3* 0.5 0.5 1.0 (0.0)	cmyn3* 0.5 0.5 1.0 (0.0)	cmyn3* 0.5 0.5 0.75 (0.0)	cmyn3* 0.5 0.5 0.75 (0.0)	cmyn3* 0.5 0.5 0.5 (0.0)	cmyn3* 0.5 0.5 0.5 (0.0)	cmyn3* 0.5 0.5 0.25 (0.0)	cmyn3* 0.5 0.5 0.25 (0.0)	cmyn3* 0.5 0.5 0.0 (0.0)	cmyn3* 0.5 0.5 0.0 (0.0)
	olv4* 1.0 1.0 0.5 0.5	olv4* 1.0 1.0 0.5 0.5	olv4* 1.0 1.0 0.75 0.5	olv4* 1.0 1.0 0.75 0.5	olv4* 1.0 1.0 1.0 0.5	olv4* 1.0 1.0 1.0 0.5	olv4* 1.0 1.0 1.0 0.75	olv4* 1.0 1.0 1.0 0.75	olv4* 1.0 1.0 1.0 1.0	olv4* 1.0 1.0 1.0 1.0
	cmyn4* 0.0 0.0 0.5 0.5	cmyn4* 0.0 0.0 0.5 0.5	cmyn4* 0.0 0.0 0.25 0.5	cmyn4* 0.0 0.0 0.25 0.5	cmyn4* 0.0 0.0 0.0 0.5	cmyn4* 0.0 0.0 0.0 0.5	cmyn4* 0.25 0.25 0.0 0.25	cmyn4* 0.25 0.25 0.0 0.25	cmyn4* 0.5 0.5 0.0 0.0	cmyn4* 0.5 0.5 0.0 0.0
	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB
	LAB*LAB 46.34 -10.34 45.37	LAB*LAB 46.34 -10.34 45.37	LAB*LAB 47.02 -5.17 22.69	LAB*LAB 47.02 -5.17 22.69	LAB*LAB 47.72 0.0 0.0	LAB*LAB 47.72 0.0 0.0	LAB*LAB 55.31 19.01 -25.89	LAB*LAB 55.31 19.01 -25.89	LAB*LAB 62.9 38.02 -51.77	LAB*LAB 62.9 38.02 -51.77
	LAB*LABa 46.34 -10.34 45.37	LAB*LABa 46.34 -10.34 45.37	LAB*LABa 47.02 -5.17 22.69	LAB*LABa 47.02 -5.17 22.69	LAB*LABa 47.72 0.0 0.0	LAB*LABa 47.72 0.0 0.0	LAB*LABa 55.31 19.01 -25.89	LAB*LABa 55.31 19.01 -25.89	LAB*LABa 62.9 38.02 -51.77	LAB*LABa 62.9 38.02 -51.77
	LAB*LABb 25.01 46.53 102.85	LAB*LABb 25.01 46.53 102.85	LAB*LABb 37.5 23.27 102.85	LAB*LABb 37.5 23.27 102.85	LAB*LABb 50.0 0.0 1.0	LAB*LABb 50.0 0.0 1.0	LAB*LABb 62.5 32.13 306.29	LAB*LABb 62.5 32.13 306.29	LAB*LABb 75.0 64.24 306.29	LAB*LABb 75.0 64.24 306.29
	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*	relative CIELAB lab*
	lab*lab 0.486 -0.11 0.487	lab*lab 0.486 -0.11 0.487	lab*lab 0.493 -0.055 0.244	lab*lab 0.493 -0.055 0.244	lab*lab 0.5 0.0 0.0	lab*lab 0.5 0.0 0.0	lab*lab 0.58 0.148 -0.201	lab*lab 0.58 0.148 -0.201	lab*lab 0.659 0.296 -0.402	lab*lab 0.659 0.296 -0.402
	lab*tch 0.25 0.5 0.286	lab*tch 0.25 0.5 0.286	lab*tch 0.375 0.25 0.286	lab*tch 0.375 0.25 0.286	lab*tch 0.5 0.0 0.0	lab*tch 0.5 0.0 0.0	lab*tch 0.625 0.25 0.851	lab*tch 0.625 0.25 0.851	lab*tch 0.75 0.5 0.851	lab*tch 0.75 0.5 0.851
	lab*nch 0.5 0.5 0.286	lab*nch 0.5 0.5 0.286	lab*nch 0.5 0.5 0.286	lab*nch 0.5 0.5 0.286	lab*nch 0.5 0.0 0.0	lab*nch 0.5 0.0 0.0	lab*nch 0.25 0.25 0.851	lab*nch 0.25 0.25 0.851	lab*nch 0.0 0.5 0.851	lab*nch 0.0 0.5 0.851
	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)	relative Natural Colour (NC)
	lab*lrj 0.486 -0.085 0.492	lab*lrj 0.486 -0.085 0.492	lab*lrj 0.493 -0.042 0.246	lab*lrj 0.493 -0.042 0.246	lab*lrj 0.5 0.0 0.0	lab*lrj 0.5 0.0 0.0	lab*lrj 0.58 0.063 -0.241	lab*lrj 0.58 0.063 -0.241	lab*lrj 0.659 0.127 -0.483	lab*lrj 0.659 0.127 -0.483
	lab*tce 0.25 0.5 0.278	lab*tce 0.25 0.5 0.278	lab*tce 0.375 0.25 0.278	lab*tce 0.375 0.25 0.278	lab*tce 0.5 0.0 0.0	lab*tce 0.5 0.0 0.0	lab*tce 0.625 0.25 0.791	lab*tce 0.625 0.25 0.791	lab*tce 0.75 0.5 0.791	lab*tce 0.75 0.5 0.791
	lab*nce 0.5 0.5 j11j	lab*nce 0.5 0.5 j11j	lab*nce 0.5 0.5 j11j	lab*nce 0.5 0.5 j11j	lab*nce 0.5 0.5 j11j	lab*nce 0.5 0.5 j11j	lab*nce 0.25 0.25 b16r	lab*nce 0.25 0.25 b16r	lab*nce 0.0 0.5 b16r	lab*nce 0.0 0.5 b16r

c04

relative Inform. Technology (IT)		relative Inform. Technology (IT)		relative Inform. Technology (IT)		relative Inform. Technology (IT)		relative Inform. Technology (IT)	
olv3*	0.5 0.75 0.0 (1.0)	olv3*	0.5 0.75 0.25 (1.0)	olv3*	0.5 0.75 0.5 (1.0)	olv3*	0.5 0.75 0.75 (1.0)	olv3*	0.5 0.75 1.0 (1.0)
cmyn3*	0.5 0.25 1.0 (0.0)	cmyn3*	0.5 0.25 0.75 (0.0)	cmyn3*	0.5 0.25 0.5 (0.0)	cmyn3*	0.5 0.25 0.25 (0.0)	cmyn3*	0.5 0.25 0.0 (0.0)
olv4*	0.75 1.0 0.25 (0.75)	olv4*	0.75 1.0 0.25 (0.75)	olv4*	0.75 1.0 0.25 (0.75)	olv4*	0.75 1.0 0.25 (0.75)	olv4*	0.75 1.0 0.25 (0.75)
cmyn4*	0.25 0.0 0.75 0.25	cmyn4*	0.25 0.0 0.5 0.25	cmyn4*	0.25 0.0 0.25 0.25	cmyn4*	0.25 0.0 0.0 0.25	cmyn4*	0.25 0.0 0.0 0.25
standard and adapted CELAB		standard and adapted CELAB		standard and adapted CELAB		standard and adapted CELAB		standard and adapted CELAB	
LAB*LAB	67.24 -31.03 65.34	LAB*LAB	67.93 -28.61 65.93	LAB*LAB	68.61 -26.68 65.93	LAB*LAB	69.43 -25.08 65.93	LAB*LAB	69.43 -25.08 65.93
LAB*LABa	67.24 -31.03 65.34	LAB*LABa	67.93 -28.61 65.93	LAB*LABa	68.61 -26.68 65.93	LAB*LABa	69.43 -25.08 65.93	LAB*LABa	69.43 -25.08 65.93
LAB*LABc	67.24 -31.03 65.34	LAB*LABc	67.93 -28.61 65.93	LAB*LABc	68.61 -26.68 65.93	LAB*LABc	69.43 -25.08 65.93	LAB*LABc	69.43 -25.08 65.93
LAB*LABd	67.24 -31.03 65.34	LAB*LABd	67.93 -28.61 65.93	LAB*LABd	68.61 -26.68 65.93	LAB*LABd	69.43 -25.08 65.93	LAB*LABd	69.43 -25.08 65.93
LAB*LABe	67.24 -31.03 65.34	LAB*LABe	67.93 -28.61 65.93	LAB*LABe	68.61 -26.68 65.93	LAB*LABe	69.43 -25.08 65.93	LAB*LABe	69.43 -25.08 65.93
LAB*LABf	67.24 -31.03 65.34	LAB*LABf	67.93 -28.61 65.93	LAB*LABf	68.61 -26.68 65.93	LAB*LABf	69.43 -25.08 65.93	LAB*LABf	69.43 -25.08 65.93
LAB*LABg	67.24 -31.03 65.34	LAB*LABg	67.93 -28.61 65.93	LAB*LABg	68.61 -26.68 65.93	LAB*LABg	69.43 -25.08 65.93	LAB*LABg	69.43 -25.08 65.93
LAB*LABh	67.24 -31.03 65.34	LAB*LABh	67.93 -28.61 65.93	LAB*LABh	68.61 -26.68 65.93	LAB*LABh	69.43 -25.08 65.93	LAB*LABh	69.43 -25.08 65.93
LAB*LABi	67.24 -31.03 65.34	LAB*LABi	67.93 -28.61 65.93	LAB*LABi	68.61 -26.68 65.93	LAB*LABi	69.43 -25.08 65.93	LAB*LABi	69.43 -25.08 65.93
LAB*LABj	67.24 -31.03 65.34	LAB*LABj	67.93 -28.61 65.93	LAB*LABj	68.61 -26.68 65.93	LAB*LABj	69.43 -25.08 65.93	LAB*LABj	69.43 -25.08 65.93
LAB*LABk	67.24 -31.03 65.34	LAB*LABk	67.93 -28.61 65.93	LAB*LABk	68.61 -26.68 65.93	LAB*LABk	69.43 -25.08 65.93	LAB*LABk	69.43 -25.08 65.93
LAB*LABl	67.24 -31.03 65.34	LAB*LABl	67.93 -28.61 65.93	LAB*LABl	68.61 -26.68 65.93	LAB*LABl	69.43 -25.08 65.93	LAB*LABl	69.43 -25.08 65.93
LAB*LABm	67.24 -31.03 65.34	LAB*LABm	67.93 -28.61 65.93	LAB*LABm	68.61 -26.68 65.93	LAB*LABm	69.43 -25.08 65.93	LAB*LABm	69.43 -25.08 65.93
LAB*LABn	67.24 -31.03 65.34	LAB*LABn	67.93 -28.61 65.93	LAB*LABn	68.61 -26.68 65.93	LAB*LABn	69.43 -25.08 65.93	LAB*LABn	69.43 -25.08 65.93
LAB*LABo	67.24 -31.03 65.34	LAB*LABo	67.93 -28.61 65.93	LAB*LABo	68.61 -26.68 65.93	LAB*LABo	69.43 -25.08 65.93	LAB*LABo	69.43 -25.08 65.93
LAB*LABp	67.24 -31.03 65.34	LAB*LABp	67.93 -28.61 65.93	LAB*LABp	68.61 -26.68 65.93	LAB*LABp	69.43 -25.08 65.93	LAB*LABp	69.43 -25.08 65.93
LAB*LABq	67.24 -31.03 65.34	LAB*LABq	67.93 -28.61 65.93	LAB*LABq	68.61 -26.68 65.93	LAB*LABq	69.43 -25.08 65.93	LAB*LABq	69.43 -25.08 65.93
LAB*LABr	67.24 -31.03 65.34	LAB*LABr	67.93 -28.61 65.93	LAB*LABr	68.61 -26.68 65.93	LAB*LABr	69.43 -25.08 65.93	LAB*LABr	69.43 -25.08 65.93
LAB*LABs	67.24 -31.03 65.34	LAB*LABs	67.93 -28.61 65.93	LAB*LABs	68.61 -26.68 65.93	LAB*LABs	69.43 -25.08 65.93	LAB*LABs	69.43 -25.08 65.93
LAB*LABt	67.24 -31.03 65.34	LAB*LABt	67.93 -28.61 65.93	LAB*LABt	68.61 -26.68 65.93	LAB*LABt	69.43 -25.08 65.93	LAB*LABt	69.43 -25.08 65.93
LAB*LABu	67.24 -31.03 65.34	LAB*LABu	67.93 -28.61 65.93	LAB*LABu	68.61 -26.68 65.93	LAB*LABu	69.43 -25.08 65.93	LAB*LABu	69.43 -25.08 65.93
LAB*LABv	67.24 -31.03 65.34	LAB*LABv	67.93 -28.61 65.93	LAB*LABv	68.61 -26.68 65.93	LAB*LABv	69.43 -25.08 65.93	LAB*LABv	69.43 -25.08 65.93
LAB*LABw	67.24 -31.03 65.34	LAB*LABw	67.93 -28.61 65.93	LAB*LABw	68.61 -26.68 65.93	LAB*LABw	69.43 -25.08 65.93	LAB*LABw	69.43 -25.08 65.93
LAB*LABx	67.24 -31.03 65.34	LAB*LABx	67.93 -28.61 65.93	LAB*LABx	68.61 -26.68 65.93	LAB*LABx	69.43 -25.08 65.93	LAB*LABx	69.43 -25.08 65.93
LAB*LABy	67.24 -31.03 65.34	LAB*LABy	67.93 -28.61 65.93	LAB*LABy	68.61 -26.68 65.93	LAB*LABy	69.43 -25.08 65.93	LAB*LABy	69.43 -25.08 65.93
LAB*LABz	67.24 -31.03 65.34	LAB*LABz	67.93 -28.61 65.93	LAB*LABz	68.61 -26.68 65.93	LAB*LABz	69.43 -25.08 65.93	LAB*LABz	69.43 -25.08 65.93
LAB*LABaa	67.24 -31.03 65.34	LAB*LABaa	67.93 -28.61 65.93	LAB*LABaa	68.61 -26.68 65.93	LAB*LABaa	69.43 -25.08 65.93	LAB*LABaa	69.43 -25.08 65.93
LAB*LABab	67.24 -31.03 65.34	LAB*LABab	67.93 -28.61 65.93	LAB*LABab	68.61 -26.68 65.93	LAB*LABab	69.43 -25.08 65.93	LAB*LABab	69.43 -25.08 65.93
LAB*LABac	67.24 -31.03 65.34	LAB*LABac	67.93 -28.61 65.93	LAB*LABac	68.61 -26.68 65.93	LAB*LABac	69.43 -25.08 65.93	LAB*LABac	69.43 -25.08 65.93
LAB*LABad	67.24 -31.03 65.34	LAB*LABad	67.93 -28.61 65.93	LAB*LABad	68.61 -26.68 65.93	LAB*LABad	69.43 -25.08 65.93	LAB*LABad	69.43 -25.08 65.93
LAB*LABae	67.24 -31.03 65.34	LAB*LABae	67.93 -28.61 65.93	LAB*LABae	68.61 -26.68 65.93	LAB*LABae	69.43 -25.08 65.93	LAB*LABae	69.43 -25.08 65.93
LAB*LABaf	67.24 -31.03 65.34	LAB*LABaf	67.93 -28.61 65.93	LAB*LABaf	68.61 -26.68 65.93	LAB*LABaf	69.43 -25.08 65.93	LAB*LABaf	69.43 -25.08 65.93
LAB*LABag	67.24 -31.03 65.34	LAB*LABag	67.93 -28.61 65.93	LAB*LABag	68.61 -26.68 65.93	LAB*LABag	69.43 -25.08 65.93	LAB*LABag	69.43 -25.08 65.93
LAB*LABah	67.24 -31.03 65.34	LAB*LABah	67.93 -28.61 65.93	LAB*LABah	68.61 -26.68 65.93	LAB*LABah	69.43 -25.08 65.93	LAB*LABah	69.43 -25.08 65.93
LAB*LABai	67.24 -31.03 65.34	LAB*LABai	67.93 -28.61 65.93	LAB*LABai	68.61 -26.68 65.93	LAB*LABai	69.43 -25.08 65.93	LAB*LABai	69.43 -25.08 65.93
LAB*LABaj	67.24 -31.03 65.34	LAB*LABaj	67.93 -28.61 65.93	LAB*LABaj	68.61 -26.68 65.93	LAB*LABaj	69.43 -25.08 65.93	LAB*LABaj	69.43 -25.08 65.93
LAB*LABak	67.24 -31.03 65.34	LAB*LABak	67.93 -28.61 65.93	LAB*LABak	68.61 -26.68 65.93	LAB*LABak	69.43 -25.08 65.93	LAB*LABak	69.43 -25.08 65.93
LAB*LABal	67.24 -31.03 65.34	LAB*LABal	67.93 -28.61 65.93	LAB*LABal	68.61 -26.68 65.93	LAB*LABal	69.43 -25.08 65.93	LAB*LABal	69.43 -25.08 65.93
LAB*LABam	67.24 -31.03 65.34	LAB*LABam	67.93 -28.61 65.93	LAB*LABam	68.61 -26.68 65.93	LAB*LABam	69.43 -25.08 65.93	LAB*LABam	69.43 -25.08 65.93
LAB*LABan	67.24 -31.03 65.34	LAB*LABan	67.93 -28.61 65.93	LAB*LABan	68.61 -26.68 65.93	LAB*LABan	69.43 -25.08 65.93	LAB*LABan	69.43 -25.08 65.93
LAB*LABao	67.24 -31.03 65.34	LAB*LABao	67.93 -28.61 65.93	LAB*LABao	68.61 -26.68 65.93	LAB*LABao	69.43 -25.08 65.93	LAB*LABao	69.43 -25.08 65.93
LAB*LABap	67.24 -31.03 65.34	LAB*LABap	67.93 -28.61 65.93	LAB*LABap	68.61 -26.68 65.93	LAB*LABap	69.43 -25.08 65.93	LAB*LABap	69.43 -25.08 65.93
LAB*LABaq	67.24 -31.03 65.34	LAB*LABaq	67.93 -28.61 65.93	LAB*LABaq	68.61 -26.68 65.93	LAB*LABaq	69.43 -25.08 65.93	LAB*LABaq	69.43 -25.08 65.93
LAB*LABar	67.24 -31.03 65.34	LAB*LABar	67.93 -28.61 65.93	LAB*LABar	68.61 -26.68 65.93	LAB*LABar	69.43 -25.08 65.93	LAB*LABar	69.43 -25.08 65.93
LAB*LABas	67.24 -31.03 65.34	LAB*LABas	67.93 -28.61 65.93	LAB*LABas	68.61 -26.68 65.93	LAB*LABas	69.43 -25.08 65.93	LAB*LABas	69.43 -25.08 65.93
LAB*LABat	67.24 -31.03 65.34	LAB*LABat	67.93 -28.61 65.93	LAB*LABat	68.61 -26.68 65.93	LAB*LABat	69.43 -25.08 65.93	LAB*LABat	69.43 -25.08 65.93
LAB*LABau	67.24 -31.03 65.34	LAB*LABau	67.93 -28.61 65.93	LAB*LABau	68.61 -26.68 65.93	LAB*LABau	69.43 -25.08 65.93	LAB*LABau	69.43 -25.08 65.93
LAB*LABav	67.24 -31.03 65.34	LAB*LABav	67.93 -28.61 65.93	LAB*LABav	68.61 -26.68 65.93	LAB*LABav	69.43 -25.08 65.93	LAB*LABav	69.43 -25.08 65.93
LAB*LABaw	67.24 -31.03 65.34	LAB*LABaw	67.93 -28.61 65.93	LAB*LABaw	68.61 -26.68 65.93	LAB*LABaw	69.43 -25.08 65.93	LAB*LABaw	69.43 -25.08 65.93
LAB*LABax	67.24 -31.03 65.34	LAB*LABax	67.93 -28.61 65.93	LAB*LABax	68.61 -26.68 65.93	LAB*LABax	69.43 -25.08 65.93	LAB*LABax	69.43 -25.08 65.93
LAB*LABay	67.24 -31.03 65.34	LAB*LABay	67.93 -28.61 65.93	LAB*LABay	68.61 -26.68 65.93	LAB*LABay	69.43 -25.08 65.93	LAB*LABay	69.43 -25.08 65.93
LAB*LABaz	67.24 -31.03 65.34	LAB*LABaz	67.93 -28.61 65.93	LAB*LABaz	68.61 -26.68 65.93	LAB*LABaz	69.43 -25.08 65.93	LAB*LABaz	69.43 -25.08 65.93
LAB*LABba	67.24 -31.03 65.34	LAB*LABba	67.93 -28.61 65.93	LAB*LABba	68.61 -26.68 65.93	LAB*LABba	69.43 -25.08 65.93	LAB*LABba	69.43 -25.08 65.93
LAB*LABbb	67.24 -31.03 65.34	LAB*LABbb	67.93 -28.61 65.93	LAB*LABbb	68.61 -26.68 65.93	LAB*LABbb	69.43 -25.08 65.93	LAB*LABbb	69.43 -25.08 65.93
LAB*LABbc	67.24 -31.03 65.34	LAB*LABbc	67.93 -28.61 65.93	LAB*LABbc	68.61 -26.68 65.93	LAB*LABbc	69.43 -25.08 65.93	LAB*LABbc	69.43 -25.08 65.93
LAB*LABbd	67.24 -31.03 65.34	LAB*LABbd	67.93 -28.61 65.93	LAB*LABbd	68.61 -26.68 65.93	LAB*LABbd	69.43 -25.08 65.93	LAB*LABbd	69.43 -25.08 65.93
LAB*LABbe	67.24 -31.03 65.34	LAB*LABbe	67.93 -28.61 65.93	LAB*LABbe	68.61 -26.68 65.93	LAB*LABbe	69.43 -25.08 65.93	LAB*LABbe	69.43 -25.08 65.93
LAB*LABbf	67.24 -31.03 65.34	LAB*LABbf	67.93 -28.61 65.93	LAB*LABbf	68.61 -26.68 65.93	LAB*LABbf	69.43 -25.08 65.93	LAB*LABbf	69.43 -25.08 65.93
LAB*LABbg	67.24 -31.03 65.34	LAB*LABbg	67.93 -28.61 65.93	LAB*LABbg	68.61 -26.68 65.93	LAB*LABbg	69.43 -25.08 65.93	LAB*LABbg	69.43 -25.08 65.93
LAB*LABbh	67.24 -31.03 65.34	LAB*LABbh	67.93 -28.61 65.93	LAB*LABbh	68.61 -26.68 65.93	LAB*LABbh	69.43 -25.08 65.93	LAB*LABbh	69.43 -25.08 65.93
LAB*LABbi	67.24 -31.03 65.34	LAB*LABbi	67.93 -28.61 65.93	LAB*LABbi	68.61 -26.68 65.93	LAB*LABbi	69.43 -25.08 65.93	LAB*LABbi	69.43 -25.08 65.93
LAB*LABbj	67.24 -31.03 65.34	LAB*LABbj	67.93 -28.61 65.93	LAB*LABbj	68.61 -26.68 65.93	LAB*LABbj	69.43 -25.08 65.93	LAB*LABbj	69.43 -25.08 65.93
LAB*LABbk	67.24 -31.03 65.34	LAB*LABbk	67.93 -28.61 65.93	LAB*LABbk	68.61 -26.68 65.93	LAB*LABbk	69.43 -25.08 65.93	LAB*LABbk	69.43 -25.08 65.93
LAB*LABbl	67.24 -31.03 65.34	LAB*LABbl	67.93 -28.61 65.93	LAB*LABbl	68.61 -26.68 65.93	LAB*LABbl	69.43 -25.08 65.93	LAB*LABbl	69.43 -25.08 65.93
LAB*LABbm	67.24 -31.03 65.34	LAB*LABbm	67.93 -28.61 65.93	LAB*LABbm	68.61 -26.68 65.93	LAB*LABbm	69.43 -25.08 65.93	LAB*LABbm	69.43 -25.08 65.93
LAB*LABbn	67.24 -31.03 65.34	LAB*LABbn	67.93 -28.61 65.93	LAB*LABbn	68.61 -26.68 65.93	LAB*LABbn	69.43 -25.08 65.93	LAB*LABbn	69.43 -25.08 65.93
LAB*LABbo	67.24 -31.03 65.34	LAB*LABbo	67.93 -28.61 65.93	LAB*LABbo	68.61 -26.68 65.93	LAB*LABbo	69.43 -25.08 65.93	LAB*LABbo	69.43 -25.08 65.93
LAB*LABbp	67.24 -31.03 65.34	LAB*LABbp	67.93 -28.61 65.93	LAB*LABbp	68.61 -26.68 65.93	LAB*LABbp	69.43 -25.08 65.93	LAB*LABbp	69.43 -25.08 65.93
LAB*LABbq	67.24 -31.03 65.34	LAB*LABbq	67.93 -28.61 65.93	LAB*LABbq	68.61 -26.68 65.93	LAB*LABbq	69.43 -25.08 65.93	LAB*LABbq	69.43 -25.08 65.93
LAB*LABbr	67.24 -31.03 65.34	LAB*LABbr	67.93 -28.61 65.93	LAB*LABbr	68.61 -26.68 65.93	LAB*LABbr	69.43 -25.08 65.93	LAB*LABbr	69.43 -25.08 65.93
LAB*LABbs	67.24 -31.03 65.34	LAB*LABbs	67.93 -28.61 65.93	LAB*LABbs	68.61 -26.68 65.93	LAB*LABbs	69.43 -25.08 65.93	LAB*LABbs	69.43 -25.08 65.93
LAB*LABbt	67.24 -31.03 65.34	LAB*LABbt	67.93 -28.61 65.93	LAB*LABbt	68.61 -26.68 65.93	LAB*LABbt	69.43 -25.08 65.93	LAB*LABbt	69.43 -25.08 65.93
LAB*LABbu	67.24 -31.03 65.34	LAB*LABbu	67.93 -28.61 65.93	LAB*LABbu	68.61 -26.68 65.93	LAB*LABbu	69.43 -25.08 65.93	LAB*LABbu	69.43 -25.08 65.93
LAB*LABbv	67.24								

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

A

B

C

D

E

(olv3* = 0.75, 0, 1)

System: TLS00

d01

d02

d03

d04

d05

(olv3* = 0.75, 1, 0)

relative Inform. Technology (IT)
olvi3* 0.75 0.0 0.0 (1.0)
cmyn3* 0.25 1.0 0.0 (0.0)
olvi4* 1.0 0.25 0.25 0.75
cmyn4* 0.0 0.75 0.25 0.25
standard and adapted CIELAB
LAB*LAB 37.88 57.68 48.41
LAB*LABa 37.88 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 r14j

relative Inform. Technology (IT)
olvi3* 0.75 0.0 0.25 (1.0)
cmyn3* 0.25 1.0 0.75 (0.0)
olvi4* 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)
olvi3* 0.75 0.0 0.5 (1.0)
cmyn3* 0.25 1.0 0.5 (0.0)
olvi4* 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)
olvi3* 0.75 0.0 0.75 (1.0)
cmyn3* 0.25 1.0 0.25 (0.0)
olvi4* 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)
olvi3* 0.75 0.0 1.0 (1.0)
cmyn3* 0.25 1.0 0.0 (0.0)
olvi4* 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

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.0 (1.0)
cmyn3* 0.25 0.75 1.0 (0.0)
olvi4* 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 r43j

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.25 0.5 0.75 (0.0)
olvi4* 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 50.21 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 r14j

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.5 (1.0)
cmyn3* 0.25 0.5 0.5 (0.0)
olvi4* 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 52.84 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)
olvi3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.5 0.25 (0.0)
olvi4* 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)
olvi3* 0.75 0.25 1.0 (1.0)
cmyn3* 0.25 0.5 0.0 (0.0)
olvi4* 0.75 0.25 1.0 1.0
cmyn4* 0.25 0.5 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

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.0 (1.0)
cmyn3* 0.25 0.5 1.0 (0.0)
olvi4* 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 r49j

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.25 (1.0)
cmyn3* 0.25 0.5 0.75 (0.0)
olvi4* 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 r61j

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.5 (1.0)
cmyn3* 0.25 0.5 0.5 (0.0)
olvi4* 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 r14j

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.5 0.25 (0.0)
olvi4* 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)
olvi3* 0.75 0.5 1.0 (1.0)
cmyn3* 0.25 0.5 0.0 (0.0)
olvi4* 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

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.0 (1.0)
cmyn3* 0.25 0.25 1.0 (0.0)
olvi4* 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)
olvi3* 0.75 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olvi4* 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)
olvi3* 0.75 0.75 0.5 (1.0)
cmyn3* 0.25 0.25 0.5 (0.0)
olvi4* 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)
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 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 -
lab*nce 0.25 0.0 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 1.0 (1.0)
cmyn3* 0.25 0.25 0.0 (0.0)
olvi4* 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

relative Inform. Technology (IT)
olvi3* 0.75 1.0 0.0 (1.0)
cmyn3* 0.25 0.0 1.0 (0.0)
olvi4* 0.75 1.0 0.0 1.0
cmyn4* 0.25 0.0 0.0 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 j28j

relative Inform. Technology (IT)
olvi3* 0.75 1.0 0.25 (1.0)
cmyn3* 0.25 0.0 0.75 (0.0)
olvi4* 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 j28j

relative Inform. Technology (IT)
olvi3* 0.75 1.0 0.5 (1.0)
cmyn3* 0.25 0.0 0.5 (0.0)
olvi4* 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 -25.85 42.65
LAB*LABa 91.77 -25.85 42.65
LAB*TCRa 75.0 49.88 122.22
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)
olvi3* 0.75 1.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olvi4* 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 0.978 -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 0.978 -0.164 0.164
lab*lrce 0.875 0.25 0.386
lab*nce 0.0 0.25 j54g

relative Inform. Technology (IT)
olvi3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olvi4* 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* = 1.0, l3*, v3*)

e01

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 0.75 (0.0)
olvi4* 1.0 0.0 0.0 1.0
cmyn4* 0.0 0.0 1.0 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

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.25 (1.0)
cmyn3* 0.0 1.0 0.75 (0.0)
olvi4* 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

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 CIE LAB
LAB*LAB 53.9 85.62 3.06
LAB*LABa 53.9 85.62 3.06
LAB*TCHa 50.0 95.67 2.05
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

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.75 (1.0)
cmyn3* 0.0 1.0 0.25 (0.0)
olvi4* 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

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 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)

e02

relative Inform. Technology (IT)
olvi3* 1.0 0.25 0.0 (1.0)
cmyn3* 0.0 0.75 1.0 (0.0)
olvi4* 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

relative Inform. Technology (IT)
olvi3* 1.0 0.25 0.25 (1.0)
cmyn3* 0.0 0.75 0.75 (0.0)
olvi4* 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

relative Inform. Technology (IT)
olvi3* 1.0 0.25 0.5 (1.0)
cmyn3* 0.0 0.75 0.5 (0.0)
olvi4* 1.0 0.25 0.5 1.0
cmyn4* 0.0 0.75 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 1.0 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 r85r

relative Inform. Technology (IT)
olvi3* 1.0 0.25 0.75 (1.0)
cmyn3* 0.0 0.75 0.25 (0.0)
olvi4* 1.0 0.25 0.75 1.0
cmyn4* 0.0 0.75 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 1.0 0.959
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 r58r

relative Inform. Technology (IT)
olvi3* 1.0 0.25 1.0 (1.0)
cmyn3* 0.0 0.75 0.0 (0.0)
olvi4* 1.0 0.25 1.0 1.0
cmyn4* 0.0 0.75 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 66.82 70.75 -43.8
LAB*LABa 66.82 70.75 -43.8
LAB*TCHa 62.5 83.22 328.23
relative CIE LAB lab*
lab*lab 0.7 0.638 -0.394
lab*tch 0.625 0.75 0.912
lab*nch 0.0 1.0 0.912
relative Natural Colour (NC)
lab*lrj 0.7 0.422 -0.619
lab*tce 0.625 0.75 0.845
lab*nce 0.0 0.75 b38r

e03

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 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

relative Inform. Technology (IT)
olvi3* 1.0 0.5 0.25 (1.0)
cmyn3* 0.0 0.5 0.75 (0.0)
olvi4* 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 1.0 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

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 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 1.0 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 0.75 (1.0)
cmyn3* 0.0 0.5 0.25 (0.0)
olvi4* 1.0 0.5 0.75 1.0
cmyn4* 0.0 0.5 0.25 0.0
standard and adapted CIE LAB
LAB*LAB 74.65 42.81 1.53
LAB*LABa 74.65 42.81 1.53
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 1.0 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

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 CIE LAB
LAB*LAB 76.35 47.17 -28.19
LAB*LABa 76.35 47.17 -28.19
LAB*TCHa 75.0 55.47 328.23
relative CIE LAB lab*
lab*lab 0.8 0.425 -0.262
lab*tch 0.75 0.5 0.912
lab*nch 0.0 1.0 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

e04

relative Inform. Technology (IT)
olvi3* 1.0 0.75 0.0 (1.0)
cmyn3* 0.0 0.75 1.0 (0.0)
olvi4* 1.0 0.75 0.0 1.0
cmyn4* 0.0 0.25 1.0 0.0
standard and adapted CIE LAB
LAB*LAB 82.12 3.7 84.18
LAB*LABa 82.12 3.7 84.18
LAB*TCHa 50.0 84.27 87.48
relative CIE LAB lab*
lab*lab 0.861 0.044 0.999
lab*tch 0.5 1.0 0.243
lab*nch 0.0 1.0 0.243
relative Natural Colour (NC)
lab*lrj 0.861 0.17 0.985
lab*tce 0.5 1.0 0.223
lab*nce 0.0 1.0 r69j

relative Inform. Technology (IT)
olvi3* 1.0 0.75 0.25 (1.0)
cmyn3* 0.0 0.25 0.75 (0.0)
olvi4* 1.0 0.75 0.25 1.0
cmyn4* 0.0 0.25 0.75 0.0
standard and adapted CIE LAB
LAB*LAB 82.8 8.87 61.51
LAB*LABa 82.8 8.87 61.51
LAB*TCHa 62.5 62.14 81.79
relative CIE LAB lab*
lab*lab 0.868 0.107 0.742
lab*tch 0.625 0.75 0.227
lab*nch 0.0 0.75 0.227
relative Natural Colour (NC)
lab*lrj 0.868 0.23 0.714
lab*tce 0.625 0.75 0.2
lab*nce 0.0 0.75 r80j

relative Inform. Technology (IT)
olvi3* 1.0 0.75 0.5 (1.0)
cmyn3* 0.0 0.25 0.5 (0.0)
olvi4* 1.0 0.75 0.5 1.0
cmyn4* 0.0 0.25 0.5 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

relative Inform. Technology (IT)
olvi3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olvi4* 1.0 0.75 0.75 1.0
cmyn4* 0.0 0.25 0.25 0.0
standard and adapted CIE LAB
LAB*LAB 84.18 19.22 16.13
LAB*LABa 84.18 19.22 16.13
LAB*TCHa 87.5 25.09 40.0
relative CIE LAB lab*
lab*lab 0.882 0.191 0.161
lab*tch 0.875 0.25 0.111
lab*nch 0.0 0.25 0.111
relative Natural Colour (NC)
lab*lrj 0.882 0.244 0.056
lab*tce 0.875 0.25 0.036
lab*nce 0.0 0.25 r14j

relative Inform. Technology (IT)
olvi3* 1.0 0.75 1.0 (1.0)
cmyn3* 0.0 0.25 0.0 (0.0)
olvi4* 1.0 0.75 1.0 1.0
cmyn4* 0.0 0.25 0.0 0.0
standard and adapted CIE LAB
LAB*LAB 85.88 23.58 -14.59
LAB*LABa 85.88 23.58 -14.59
LAB*TCHa 87.5 27.73 328.24
relative CIE LAB lab*
lab*lab 0.9 0.212 -0.131
lab*tch 0.875 0.25 0.912
lab*nch 0.0 0.25 0.912
relative Natural Colour (NC)
lab*lrj 0.9 0.141 -0.206
lab*tce 0.875 0.25 0.845
lab*nce 0.0 0.25 b38r

e05

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 CIE LAB
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 CIE LAB 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 j118

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.25 (1.0)
cmyn3* 0.0 0.0 0.75 (0.0)
olvi4* 1.0 1.0 0.25 1.0
cmyn4* 0.0 0.0 0.75 0.0
standard and adapted CIE LAB
LAB*LAB 93.34 -15.51 68.05
LAB*LABa 93.34 -15.51 68.05
LAB*TCHa 62.5 69.8 102.85
relative CIE LAB lab*
lab*lab 0.978 -0.166 0.731
lab*tch 0.625 0.75 0.286
lab*nch 0.0 0.75 0.286
relative Natural Colour (NC)
lab*lrj 0.978 -0.128 0.739
lab*tce 0.625 0.75 0.278
lab*nce 0.0 0.75 j118

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 CIE LAB
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 CIE LAB 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 j118

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.75 (1.0)
cmyn3* 0.0 0.0 0.25 (0.0)
olvi4* 1.0 1.0 0.75 1.0
cmyn4* 0.0 0.0 0.25 0.0
standard and adapted CIE LAB
LAB*LAB 94.71 -5.16 22.68
LAB*LABa 94.71 -5.16 22.68
LAB*TCHa 87.5 23.26 102.85
relative CIE LAB lab*
lab*lab 0.993 0.055 0.244
lab*tch 0.875 0.25 0.286
lab*nch 0.0 0.25 0.286
relative Natural Colour (NC)
lab*lrj 0.993 0.046 0.246
lab*tce 0.875 0.25 0.278
lab*nce 0.0 0.25 j118

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 CIE LAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -
relative CIE LAB 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*lrj 0.993 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

(olv3* = 1.0, 1, 0)

LG400-7, Prüfvorlagen-Datei mit 5x5x5 (=125) Farben; Geräteabhängige Farbkordinaten olv3* von ISO/IEC 15775:1999 als Eingabe; r3* = o3* = 1.0 = 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