

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

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

a01

A			
<i>relative Inform. Technology (IT)</i>			
div3*	0.0	0.0	0.0 (1.0)
comp2*	1.0	1.0	1.0 (10)
divid4*	1.0	1.0	1.0 0.0
comp5*	0.0	0.0	0.0 1.0
<i>standard and adapted CIELAB</i>			
LAB*LAB	0.03	0.0	0.0
LAB*LAB	0.03	0.0	0.0
LAB*TC210	0.01	0.00	-
<i>relative CIELAB lab*</i>			
lab*lab	0.0	0.0	0.0
lab*ach	0.0	0.0	-
lab*act	1.0	0.0	-
<i>relative Natural Color (NC)</i>			
lab*lyl	0.0	0.0	0.0
lab*acc	0.0	0.0	0.0
lab*accE	1.0	0.0	-

B			
<i>relative lakona. Technology (IT)</i>			
olvi2*	0.0	0.0	0.25 (1.0)
com2*	1.0	1.0	0.75 (3.0)
olvi4*	0.75	0.75	1.0 0.25
com4*	0.25	0.25	0.0 0.75
<i>unsolved and adapted CIELAB</i>			
LAR*Lab	7.61	19.01	-25.87
LAR*Alfo	7.62	19.01	-25.87
LAR*TClab	12.5	32.11	306.29
<i>relative CIELAB lab*</i>			
lab*lab	0.00	0.140	-0.2
lab*ach	0.125	0.25	0.851
lab*ach	0.75	0.25	0.851
<i>relative Natural Colour (NC)</i>			
lab*lyl	0.00	0.063	-0.241
lab*acc	0.125	0.25	0.791
lab*acc	0.75	0.25	0.161

C

relative Inkarna Technology (IT)

oliv2*	0.0	0.0	0.5	(1.0)
cmj2*	1.0	1.0	0.5	(0.0)
oliv4*	0.5	0.5	1.0	0.5
cmj4*	0.5	0.5	0.0	0.5

standard and adapted CIELAB

LAB*Lab	15.21	38.02	-51.77
LAB*LabR	15.21	38.02	-51.77
LAB*TCLab	25.91	64.24	306.29

relative CIELAB lab*

lab*lab	0.129	0.296	-0.402
lab*rch	0.25	0.5	0.851
lab*rch	0.5	0.5	0.851

relative Natural Colour (NC)

lab*ry	0.129	0.127	-0.483
lab*rch	0.25	0.5	0.791
lab*rch	0.5	0.5	0.619

D			
<i>relative isoforms. Technology (IT)</i>			
olvi2*	0.0	0.0	0.75 (1.0)
cm32*	1.0	1.0	0.25 (0.0)
olvi4*	0.25	0.25	1.0 0.75
cm34*	0.75	0.75	0.0 0.25
<i>standard and adapted CIELAB</i>			
LAB*LAB	22.8	57.04	-77.66
LAB*LAB	22.8	57.04	-77.66
LAB*TCM	37.51	96.37	206.29
<i>relative CIELAB lab*</i>			
lab*lab	0.239	0.444	-0.603
lab*lab	0.375	0.75	0.851
lab*lab	0.25	0.75	0.851
<i>relative Natural Colour (NC)</i>			
lab*lab	0.239	0.19	-0.724
lab*lab	0.375	0.75	0.791
lab*lab	0.25	0.75	0.851

E				
relative lumines. Technology (IT)				
obvCl*	0.0	0.0	1.0	(2.0)
cryst2*	1.0	1.0	0.0	0.0
obvI*	0.0	0.0	1.0	1.0
cryst3*	1.0	1.0	0.0	0.0
standard and adapted CIELAB				
L*AB-L*	30.39	76.94	-103.55	
a*AB-L*a*	30.39	76.94	-103.55	
L*AB-TCLab	50.0	128.48	206.29	
relative CIELAB lab*				
lab*lab	0.218	0.792	-0.805	
lab*lab	0.5	1.0	-0.851	
lab*lab	0.0	1.0	0.851	
relative Natural Colour (NC)				
lab*ncj	0.218	0.254	-0.966	
lab*ncj	0.5	1.0	0.791	
lab*ncf	0.0	1.0	0.161	

$$(\text{olv3}^* = 0.0, 0, 1)$$

System: TLS00

a02

relative Indorex. Technology (IT)		
olvi3*	0.0	0.25 0.0 (1.0)
comp2*	1.0	0.75 1.0 (0.0)
olvi4*	0.75	1.0 0.75 0.25
comp5*	0.25	0.0 0.25 0.75
standard and adapted ChEAB		
LAB*LAB	20.92	-20.67 19.37
LAB*LAB	20.92	-20.67 19.37
LAB*TC3AB	12.5	28.75 136.01
relative ChEAB lab*		
lab*lab	0.219	-0.179 0.174
lab*ach	0.125	0.25 0.378
lab*ach	0.75	0.25 0.378
relative Natural Colour (NC)		
lab*lab	0.219	-0.188 0.164
lab*ach	0.125	0.25 0.395
lab*ach	0.75	0.25 0.395

relative isomers. Technology (IT)		
chv2*	0.0	0.25 0.25 (1.0)
cmn2*	1.0	0.75 0.75 (0.0)
chv4*	0.75	1.0 1.0 0.25
cmn4*	0.25	0.0 0.0 0.75
monomer and adipic acid		
LAR*LAR	21.73	-11.53 -3.38
LAR*CHL	21.73	-11.53 -3.38
LAR*TCBA	12.5	12.03 196.37
relative CHL isab*		
isab*isab	0.228	-0.239 -0.069
isab*ach	0.325	0.25 0.545
isab*ach	0.75	0.25 0.545
relative Natural Colour (NC)		
isab*ply	0.228	-0.235 -0.082
ach*ply	0.325	0.25 0.554
ach*ply	0.75	0.25 0.554

relative income. Technology (IT)			
olive1*	0.0	0.25	0.5 (1.0)
cmpe2*	1.0	0.75	0.5 (0.0)
olive4*	0.5	0.75	1.0 0.5
cmpe6*	0.5	0.25	0.0 0.5
standard and adapted CHEL			
LAR+LAR	29.32	7.48	-29.27
LAR+TC	29.32	7.48	-29.27
LAR+TCbio	25.01	30.22	204.32
relative CHEL lab*			
lab+lab	0.307	0.124	-0.483
lab+rch	0.25	0.5	0.79
lab+rch	0.5	0.5	0.79
relative Natural Colour (NC)			
lab+rch	0.307	-0.035	-0.498
lab+rch	0.25	0.5	0.79
lab+rch	0.5	0.5	0.79

relative Inform. Technology (IT)				
olive*	0.0	0.25	0.75	(1.0)
cmy2*	1.0	0.75	0.25	(0.0)
olive*	0.25	0.5	1.0	0.75
cmy2*	0.75	0.5	0.0	0.25
standard and adapted CIELAB				
L*	39.12	26.49	-55.17	
a*	13.24	36.32	-26.49	
b*	14.74	37.51	61.21	295.65
relative CIELAB lab*				
lab*lab	0.387	0.325	-0.621	
lab*ch	0.375	0.75	0.875	
lab*ch	0.25	0.75	0.821	
relative Natural Colour (NC)				
lab*nc	0.387	0.658	-0.746	
lab*nc	0.375	0.75	0.754	
lab*nc	0.25	0.75	0.707	

relative inform. technology (IT)				
olvi†	0.0	0.25	1.0	(1.0)
cryst*	1.0	0.75	0.0	(0.0)
olvi†	0.0	0.25	1.0	1.0
cryst*	1.0	0.75	0.0	0.0
standard and adapted CHLAP				
LAP+LAP	44.51	45.5		-81.05
LAP+LAP	44.51	45.5		-81.05
LAP+TECH	50.0	92.96		299.3
relative CHLAP lab*				
lab*lab	0.466	0.489	-0.871	
lab*tech	0.5	1.0	0.831	
lab*tech	0.0	1.0	0.831	
relative Natural Colour (NC)				
lab*lab	0.466	0.147	-0.988	
lab*tech	0.5	1.0	0.79	
lab*tech	0.0	1.0	0.679	

a03

relative Indom. Technology (IT)			
olvi2*	0.0	0.5	1.0
olvi2*	1.0	0.5	1.0
olvi4*	0.5	1.0	0.5
olvi4*	0.5	1.0	0.5
standard and adapted CILAB			
LAB*LAB	41.82	41.36	39.94
LAB*LAB	41.82	41.36	39.94
LAB*TCIAB	25.68	57.51	136.01
relative CILAB lab*			
lab*lab	0.438	-0.129	0.347
lab*ach	0.25	0.5	0.378
lab*ach	0.5	0.5	0.378
relative Natural Colour (NC)			
lab*lab	0.438	0.378	0.328
lab*lab	0.5	0.5	0.378
lab*ach	0.5	0.5	0.378

relative isoform. Technology (IT)			
olvi2*	0.0	0.5	0.25 (1.0)
cmn2*	1.0	0.5	0.75 (0.0)
olvi4*	0.5	1.0	0.75 0.5
cmn4*	0.5	0.0	0.25 0.5
standard and adapted CHiAR			
LAR*LAR	42.63	-32.22	16.39
LAR*HAR	42.63	-32.22	16.50
LAR*TCAR	25.01	36.25	152.77
relative CHiAR lab*			
lab*lab	0.447	-0.443	0.229
lab*ach	0.25	0.5	0.424
lab*acb	0.5	0.5	0.424
relative Natural Colour (NC)			
lab*ky	0.447	-0.445	0.381
lab*ay	0.25	0.5	0.424
lab*acF	0.5	0.5	0.766

relative income. Technology (IT)				
oilv2*	0.0	0.5	0.5	(1.0)
comp2*	1.0	0.5	0.5	(0.0)
oilv4*	0.5	1.0	1.0	0.5
comp4*	0.5	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	43.45	-23.87	-6.77	
LAB*aAB	43.45	-23.87	-6.77	
LAB*bAB	25.91	24.06	196.37	
relative CIELAB lab*				
lab*lab	0.45%	-0.479	-0.14	
lab*a	0.25	0.5	0.45	
lab*b	0.5	0.5	0.45	
relative Natural Colour (NC)				
lab*lab	0.45%	-0.471	-0.354	
lab*a	0.25	0.5	0.45	
lab*b	0.5	0.5	0.45	

relative Inform. Technology (IT)			
olive3*	0.0	0.5	0.75 (1.0)
cmyd3*	1.0	0.5	0.25 (0)
olive4*	0.25	0.75	1.0 (75)
cmyd4*	0.75	0.25	0.0 (25)
standard and adjusted CIELAB			
LAB-LAB	51.04	-4.06	-32.66
LAB-LAB*	51.04	-4.06	-32.66
LAB-TCM	37.51	32.93	262.91
relative CIELAB lab*			
lab*lab	0.535	-0.092	-0.743
lab*lab*	0.375	0.75	0.73
lab*labch	0.25	0.75	0.73
relative Natural Colour (NC)			
lab*lab	0.535	-0.26	-0.702
lab*lab*	0.375	0.75	0.73
lab*labch	0.25	0.75	0.73

relative Inform. Technology (IT)				
chv1*	0.0	0.5	1.0	(1.0)
cys2*	1.0	0.5	0.0	(0.0)
chv1*	0.0	0.5	1.0	1.0
cys2*	1.0	0.5	0.0	0.0
standard and adapted CHLAb				
LAB-PAB	50.63	14.94	-38.55	
LAB-PAH	50.63	14.94	-38.55	
LAB-TCM	50.0	60.43	204.31	
relative CHLAb lab*				
lab*lab	0.614	0.247	-0.968	
lab*ch	0.5	1.0	0.79	
lab*ch	0.0	1.0	0.79	
relative Natural Colour (NC)				
lab*lab	0.614	-0.871	-0.996	
lab*ch	0.5	1.0	0.79	
lab*ch	0.0	1.0	0.79	

a04

relative Indom. Technology (IT)		
olvi3*	0.0	0.75 0.0 (1.0)
cmyn2*	1.0	0.25 1.0 (0.0)
olvi4*	0.25	1.0 0.25 0.75
cmyn5*	0.75	0.0 0.75 0.25
standard and adapted ChEBI		
LAB*LAB	62.73	-62.85 59.93
LAB*LAB	62.73	-62.85 59.93
LAB*TC34a	37.51	86.27 136.01
relative ChEBI lab*		
lab*lab	0.657	-0.530 0.521
lab*ach	0.375	0.75 0.378
lab*ach	0.25	0.75 0.378
relative Natural Colour (NC)		
lab*lab	0.657	-0.545 0.492
lab*ach	0.25	0.75 0.382
lab*ach	0.25	0.75 0.38

relative isomers. Technology (IT)			
olive2*	0.0	0.75	0.25 (1.0)
compn2*	1.0	0.25	0.75 (0.0)
olive4*	0.25	1.0	0.5 0.75
compn4*	0.75	0.0	0.5 0.25
standard and adipose (CH)			
LAR*LAR	63.54	-52.39	36.56
LAR*PCL	63.54	-52.39	36.56
LAR*TC304	37.51	64.32	34.53
relative CH:AB lab*			
rel*lab	0.666	-0.636	0.426
rel*ach	0.375	0.75	0.404
rel*ach	0.25	0.75	0.404
relative Natural Colour (NC)			
rel*ply	0.666	-0.648	0.375
rel*ach	0.375	0.75	0.404
rel*ach	0.25	0.75	0.404

relative income. Technology (IT)			
oilv2*	0.0	0.75	0.5 (1.0)
comp2*	1.0	0.25	0.5 (0.0)
oilv4*	0.25	1.0	0.75
comp4*	0.75	0.0	0.25
standard and adapted CIELAB			
LAB*LAB	66.35	-43.76	13.2
LAB*Lab	66.35	-43.76	13.2
LAB*TCab	37.51	45.72	163.22
relative CIELAB lab*			
lab*lab	0.674	-0.717	0.216
lab*Ycb	0.375	0.75	0.75
lab*Ycb	0.25	0.75	0.453
relative Natural Colour (NC)			
lab*Yr	0.674	-0.74	0.117
lab*Yr	0.375	0.75	0.475
lab*Ycb	0.25	0.75	0.090

relative Inform. Technology (IT)			
olvi3*	0.0	0.75	0.75 (1.0)
cmya2*	1.0	0.25	0.25 (0.0)
olvi4*	0.25	1.0	0.75
cmya6*	0.75	0.0	0.0 0.25
standard and standard CIELAB			
LAB-L*	65.16	-34.61	-18.16
LAB-a*	62.16	-34.61	-18.16
LAB-b*	37.51	36.09	196.37
relative CIELAB lab*			
lab*lab	0.683	-0.719	-0.21
lab*ch	0.375	0.75	0.545
lab*ch	0.25	0.75	0.545
relative Natural Colour (NC)			
lab*ny	0.683	-0.707	-0.247
lab*ny	0.375	0.75	0.545
lab*nc	0.25	0.75	0.545

relative Inform. Technology (IT)				
chv1*	0.0	0.75	1.0	(1.0)
chv2*	1.0	0.25	0.0	(0.0)
chv3*	0.0	0.75	1.0	1.0
chv4*	1.0	0.25	0.0	0.0
standard and adapted CHLAP				
LAP+LAP	72.76	-15.61	-36.04	
LAP+LAP	72.76	-15.61	-36.04	
LAP+TCM	50.0	39.29	246.58	
relative CHLAP lab*				
lab*lab	0.763	-0.396	-0.916	
lab*ch	0.5	1.0	0.685	
lab*sch	0.0	1.0	0.685	
relative Natural Colour (NC)				
lab*lab	0.763	-0.539	-0.8	
lab*ch	0.5	1.0	0.685	
lab*sch	0.5	1.0	0.685	

a05

relative Inducers. Technology (IT)			
olvi2*	0.0	1.0	0.0 (1.0)
olvi2n2*	1.0	0.0	1.0 (0.0)
olvi4*	0.0	1.0	0.0 1.0
olvi4n*	1.0	0.0	1.0 0.0
standard and adapted (CNC)			
LAR*LAB	83.62	-82.73	79.88
LAR*LAB	83.62	-82.73	79.88
LAR*TC3AB	59.0	115.01	136.01
relative CNC Inducers lab*			
lab*lab	0.876	-0.738	0.694
lab*ach	0.5	1.0	0.378
lab*ach	0.5	1.0	0.378
relative Natural Calor (NC)			
lab*lab	0.876	-0.753	0.656
lab*ach	0.5	1.0	0.378
lab*ach	0.5	1.0	0.378

relative halom. Technology (IT)		
olive2*	0.0	1.0 0.25 (1.0)
cyan2*	1.0	0.0 0.75 (0.0)
olive4*	0.0	1.0 0.25 1.0
cyan4*	1.0	0.0 0.75 0.0
standard and adapted LAB*		
LAB*LAB	84.41	-71.29 56.53
LAB*Pb	84.43	-72.29 56.53
LAB*TC340	59.0	32.8 142.47
relative LAB*LAB*		
lab*lab	0.885	-0.792 0.639
lab*ach	0.5	1.0 0.396
lab*ach	0.5	1.0 0.396
relative Natural Colour (NC)		
lab*Pb	0.885	-0.834 0.55
lab*Pb	0.5	1.0 0.497
lab*Pb	0.5	1.0 0.526

relative income. Technology (IT)				
olvi2*	0.0	1.0	0.5	(1.0)
cmyn2*	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 relative CIELAB				
LAB*LAB	85.25	-64.44	33.16	
LAB*LAB	85.25	-64.44	33.16	
LAB*TC80	50.0	72.48	152.77	
relative CIELAB lab*				
lab*lab	0.893	-0.888	0.457	
lab*ych	0.5	1.0	0.424	
lab*ych	0.0	1.0	0.424	
relative Natural Colour (NC)				
lab*ry	0.893	-0.931	0.363	
lab*ry	0.5	1.0	0.441	
lab*ry	0.0	1.0	0.761	

relative Inform. Technology (IT)				
colv3*	0.0	1.0	0.75	(1.0)
cmym2*	1.0	0.0	0.25	(0.0)
colv4*	0.0	1.0	0.75	1.0
cmym6*	1.0	0.0	0.25	0.0
standard and absolute CHELH				
LAP+LH	86.06	-55.29	9.8	
LAP+LH	86.06	-55.29	9.8	
LAP+TCHLH	50.0	56.17	169.55	
relative CHELH lab*				
lab*lab	0.902	-0.983	0.174	
lab*sch	0.5	1.0	0.472	
lab*sch	0.0	1.0	0.472	
relative Natural Colour (NC)				
lab*try	0.902	-0.999	0.039	
lab*try	0.5	1.0	0.477	
lab*sch	0.0	1.0	0.476	

relative Inform. Technology (IT)				
olviCl*	0.0	1.0	1.0	(1.0)
crysta2*	1.0	0.0	0.0	(0.0)
olviCl*	0.0	1.0	1.0	1.0
crysta2*	1.0	0.0	0.0	0.0
standard and adapted CHLAP				
LAP+LAP	86.87	-46.15	-13.55	
LAP+LAP	86.87	-46.15	-13.55	
LAP+TCM	50.0	48.11	196.37	
standard CHLAP lab*				
lab*lab	0.911	-0.958	-0.281	
lab*ch	0.5	1.0	0.546	
lab*ch	0.0	1.0	0.546	
relative Natural Colour (NC)				
lab*lab	0.911	-0.942	-0.33	
lab*ch	0.5	1.0	0.546	
lab*ch	0.0	1.0	0.546	

$$(\text{olv3}^* = 0.0, 1, 0)$$

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

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

BAM-Material: Code=1
BAM-Registrierung: 20040901-LG40/L40G00N1.PS.TXT
Anwendung für Messung von Drucker- oder Monitorsystemen
ILG40 Form: 1/5, Seite: 1/1, Seite: 1

/L/G40/ Form: 1/5, Serie: 1/1, Seite: 1	Seitenzahl
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