

$$(\text{olv}3^* = 0.0, \text{l}3^*, \text{v}3^*)$$

a01

a02

a03

a04

a05

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

BAM-Registrierung: 20040901-LG40/10Q/Q40G00FP.PS/.PDF BAM-Material: Code=rhata
Anwendung für Messung von Drucker- oder Monitorsystemen
/LG40/ Form: 1/5, Serie: 1/1, Seite: 1 Seiten: 1

/LG40/ Form: 1/5. Serie: 1/1. Seite: 1 Seitenzahl: 1

LG400-7, Prüfvorlagen-Datei mit 5x5x5 (=125) Farben; Geräteabhängige Farbkoordinaten olv_3^* von ISO/IEC 15775:1999 als Eingabe; $r_3^* = o_3^* = 0.0 = \text{const}$

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

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*

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

b01

b02

b03

b04

b05

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

System: TLS00

b02

b03

b04

b05

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

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*

$$(\text{olv}3^* = 1.0, \text{l}3^*, \text{v}3^*)$$

	relative Information. Technology (IT)			
	olvi3*	1.0	0.0	0.0 (1.0)
	cmny3*	0.0	1.0	1.0 (0.0)
	olvi4*	2.0	1.0	1.0 0.0
	cmny4*	-0.9990	0.0	1.0 0.0
	standard and adapted CIELAB			
	LAB*LAB	0.03	0.0	0.0 0.0
	LAB*LABa	0.03	0.0	0.0 0.0
	LAB*LTChc	0.01	0.01	-
	relative CIELAB lab			
	lab*lab	0.0	0.0	0.0 0.0
	lab*tcch	0.0	0.0	-
	lab*ncch	1.0	0.0	-
	relative Natural Colour (NC)			
	lab*trj	0.0	0.0	0.0 0.0
	lab*tcce	0.0	0.0	-
	lab*nceC	1.0	0.0	-

e01

relative Inform. Technology (IT)			
<i>olvi3*</i>	1.0	0.0	0.25 (1.0)
<i>cmy3*</i>	0.0	1.0	0.75 (0.0)
<i>olvi4*</i>	2.0	1.0	1.25 (0.0)
<i>cmy4*</i>	-0.9990.0		-0.2491.0
standard and adapted CIELAB			
<i>LAB*LAB</i>	0.03	0.0	0.0
<i>LAB*LABa</i>	0.03	0.0	0.0
<i>LAB*TChA</i>	0.01	0.01	-
relative CIELAB lab*			
<i>lab*lab</i>	0.0	0.0	0.0
<i>lab*tch</i>	0.0	0.0	-
<i>lab*nch</i>	1.0	0.0	-
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.0	0.0	0.0
<i>lab*tce</i>	0.0	0.0	-
<i>lab*nCe</i>	1.0	0.0	-

relative Inform. Technology (IT)			
olvi3*	1.0	0.0	0.5 (1.0)
cmyn3*	0.0	1.0	0.5 (0.0)
olvi4*	2.0	1.0	1.5 (0.0)
cmyn4*	-0.9990.0	-	-0.4991.0
standard and adapted CIELAB			
LAB*LAB	0.03	0.0	0.0
LAB*LABa	0.03	0.0	0.0
LAB*TCa	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*tc	0.0	0.0	-
lab*nch	1.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.0	0.0	0.0
lab*nce	0.0	0.0	-
lab*nce	1.0	0.0	-

relative Inform. Technology (IT)			
olvi3*	1.0	0.0	0.75 (1)
cmy3*	0.0	1.0	0.25 (0)
olvi4*	2.0	1.0	1.75 (0.5)
cmy4*	-0.9990.0	-	-0.7491.0
standard and adapted CIELAB			
LAB*LAB	0.03	0.0	0.0
LAB*LABa	0.03	0.0	0.0
LAB*TCHeA	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*TChe	0.0	0.0	-
lab*nch	1.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.0	0.0	0.0
lab*TChe	0.0	0.0	-
lab*nCE	1.0	0.0	-

relative Inform. Technology (IT)			
olvi3*	1.0	0.0	1.0
cmv3*	0.0	1.0	0.0
olvi4*	2.0	1.0	2.0
cmv4*	-0.9990.0	-0.9991.0	-0.9991.0
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*rch	0.0	0.0	0.0
lab*nch	1.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.0	0.0	0.0
lab*nce	0.0	0.0	-
lab*nce	1.0	0.0	-

$$(\text{olv3}^* = 1.0, 0, 1)$$

System: TLS00

relative Inform. Technology (IT)			
olvi3*	1.0	0.25	0.0 (1.0)
cmvi3*	0.0	0.75	1.0 (0.0)
olvi4*	2.0	1.25	1.0 0.0
cmvi4*	-0.999	-0.249	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*TCRa	0.01	0.01	-
relative CIELAB lab			
lab*lab	0.0	0.0	0.0
lab*tcch	0.0	0.0	-
lab*ncch	1.0	0.0	0.0
relative Natural Colour (NC)			
lab*nrj	0.0	0.0	0.0
lab*nce	1.0	0.0	-
lab*nceC	1.0	0.0	-

e02

relative Inform. Technology (IT)			
olvi3*	1.0	0.25	0.25
cmy3*	0.0	0.75	0.75 (1.0)
cmy4*	2.0	1.25	1.25
cmy4*	-0.999	-0.249	-0.2491.0
standard and adapted CIELAB			
LAB*LAB	0.03	0.0	0.0
LAB*Lab _a	0.03	0.0	0.0
LAB*TCh _a	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			
lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*nCe	1.0	0.0	-

relative Inform. Technology (IT)				
olvi3*	1.0	0.25	0.5	(1.0)
cmyn3*	0.0	0.75	0.5	(0.0)
olvi4*	2.0	1.25	1.5	0.0
cmyn4*	-0.999	-0.249	-0.499	1.0
standard and adapted CIELAB				
LAB*LAB	0.03	0.0	0.0	
LAB*LABa	0.03	0.0	0.0	
LAB*TCa	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	-	

relative Inform. Technology (IT)			
olvi2*	1.0	0.25	0.75
cmy3*	0.0	0.75	0.25
olvi4*	2.0	1.25	1.75
cmy4*	-0.999	-0.249	-0.749
standard and adapted CIELAB			
LAB*LAB	0.03	0.0	0.0
LAB*Lab _a	0.03	0.0	0.0
LAB*TCh _a	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*ch	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	-

relative Inform. Technology (IT)			
olvi3*	1.0	0.25	1.0
cmyn3*	0.0	0.75	0.0
olvi4*	2.0	1.25	2.0
cmyn4*	-0.999	-0.249	-0.999
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*ch	0.0	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	-

relative Inform. Technology (IT)				
olvi3*	1.0	0.5	0.0	(1.0)
olvi3**	0.0	0.5	1.0	(0.0)
olvi4*	2.0	1.5	1.0	0.0
cmys4*	-0.999	-0.999	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	0.03	0.0	0.0	0.0
LAB*LABa	0.03	0.0	0.0	0.0
LAB*LTChG	0.01	0.01	-	-
relative CIELAB lab				
lab*lab	0.0	0.0	0.0	0.0
lab*rch	0.0	0.0	-	-
lab*ncb	1.0	0.0	-	-
relative Natural Colour (NC)				
lab*trj	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	-	-
lab*nce	1.0	0.0	-	-

e03

relative Inform. Technology (IT)			
olvi3*	1.0	0.5	1.0
cmy3*	0.0	0.5	0.75 (0.0)
olvi4*	2.0	1.5	1.25 0.0
cmy4*	-0.999	-0.499	-0.2491.0
standard and adapted CIELAB			
LAB*LAB	0.03	0.0	0.0
LAB*Lab _a	0.03	0.0	0.0
LAB*TCh _a	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	-

relative Inform. Technology (IT)				
<i>olvi3*</i>	1.0	0.5	0.5	(1.0)
<i>cmyn3*</i>	0.0	0.5	0.5	(0.0)
<i>olvi4*</i>	2.0	1.5	1.5	(0.0)
<i>cmyn4*</i>	-0.999	-0.499	-0.499	1.0
standard and adapted CIELAB				
<i>LAB*LAB</i>	0.03	0.0	0.0	
<i>LAB*LABa</i>	0.03	0.0	0.0	
<i>LAB*TCa</i>	0.01	0.01	-	
relative CIELAB lab*				
<i>lab*lab</i>	0.0	0.0	0.0	
<i>lab*tc</i>	0.0	0.0	-	
<i>lab*nch</i>	1.0	0.0	-	
relative Natural Colour (NC)				
<i>lab*lrj</i>	0.0	0.0	0.0	
<i>lab*tee</i>	0.0	0.0	-	
<i>lab*nCe</i>	1.0	0.0	-	

relative Inform. Technology (IT)			
olvi3*	1.0	0.5	0.75 (1)
cmy3*	0.0	0.5	0.25 (0)
olvi4*	2.0	1.5	1.75 (0)
cmy4*	-0.999	-0.499	-0.749 (1)
standard and adapted CIELAB			
LAB*LAB	0.03	0.0	0.0
LAB*Lab _a	0.03	0.0	0.0
LAB*TC _{hA}	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*tc _h	0.0	0.0	-
lab*nch	1.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.0	0.0	0.0
lab*nce	0.0	0.0	-
lab*tc _e	1.0	0.0	-

relative Inform. Technology (IT)				
olv3*	1.0	0.5	1.0	(0.0)
cmv3*	0.0	0.5	0.0	(0.0)
olv4*	2.0	1.5	2.0	0.0
cmv4*	-0.999	-0.499	-0.999	0.0
standard and adapted CIELAB				
LAB*LAB	0.03	0.0	0.0	0.0
LAB*LABa	0.03	0.0	0.0	0.0
LAB*TCHa	0.01	0.01	-	-
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	0.0
lab*rch	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*nce	0.0	0.0	-	-
lab*nce	1.0	0.0	-	-

relative information. Technology (IT)		
olvi3*	1.0	0.75 0.0 (1.0)
cmv13*	0.0	0.25 1.0 (0.0)
olvi4*	2.0	1.75 1.0 0.0
cmv4*	-0.99	0.49 1.0 0.0
standard and adapted CIELAB		
LAB*LAB	0.03	0.0 0.0
LAB*LABa	0.03	0.0 0.0
LAB*LCb	0.01	0.01 -
relative CIELAB lab		
lab*lab	0.0	0.0 0.0
lab*lab	0.0	0.0 -
lab*lab	0.0	0.0 -
lab*lab	1.0	0.0 -
relative Natural Colour (NC)		
lab*nrj	0.0	0.0 0.0
lab*nce	0.0	0.0 -
lab*nce	1.0	0.0 -

e04

relative Inform. Technology (IT)				
olvi3*	1.0	0.75	0.25	(1.0)
cmy43*	0.0	0.25	0.75	(0.0)
olvi4*	2.0	1.75	1.25	0.0
cmy4*	-	-0.999	-0.749	-0.2491.0
standard and adapted CIELAB				
LAB*LAB	0.03	0.0	0.0	
LAB*Lab _a	0.03	0.0	0.0	
LAB*TCh _a	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	1.0	0.0	0.0	
lab*tce	0.0	0.0	-	
lab*nCe	1.0	0.0	-	

relative Inform. Technology (IT)				
olvi3*	1.0	0.75	0.5	(1.0)
cmyn3*	0.0	0.25	0.5	(0.0)
olvi4*	2.0	1.75	1.5	0.0
cmyn4*	-0.999-0.749-0.4991.0			
standard and adapted CIELAB				
LAB*LAB	0.03	0.0	0.0	
LAB*LABa	0.03	0.0	0.0	
LAB*TCa	0.01	0.01	-	
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	
lab*tc	0.0	0.0	-	
lab*nch	1.0	0.0	-	
relative Natural Colour (NC)				
lab*lrj	0.0	0.0	0.0	
lab*tee	0.0	0.0	-	
lab*nCe	1.0	0.0	-	

relative Inform. Technology (IT)			
<i>olvi</i> * 1.0	0.75	0.75	(1)
<i>cmyn</i> 3* 0.0	0.25	0.25	(0)
<i>olvi</i> * 2.0	1.75	1.75	(0)
<i>cmyn</i> 4* -0.999	-0.749	-0.749	1
standard and adapted CIELAB			
<i>LAB</i> *LAB 0.03	0.0	0.0	
<i>LAB</i> *Laba 0.03	0.0	0.0	
<i>LAB</i> *TCha 0.01	0.01	-	
relative CIELAB lab*			
<i>lab</i> *lab 0.0	0.0	0.0	
<i>lab</i> *tch 0.0	0.0	-	
<i>lab</i> *nch 1.0	0.0	-	
relative Natural Colour (NC)			
<i>lab</i> *lrj 0.0	0.0	0.0	
<i>lab</i> *tce 0.0	0.0	-	
<i>lab</i> *nce 1.0	0.0	-	

relative Inform. Technology (IT)			
ovyn3*	1.0	0.75	1.0
cmyn3*	0.0	0.25	0.0
ovyn4*	2.0	1.75	2.0
cmyn4*	-0.999	-0.749	-0.999
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*rch	0.0	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	-

relative Information Technology (IT)			
olvi3*	1.0	1.0	0.0 (1.0)
cmyn3*	0.0	1.0	0.0 (0.0)
olvi4*	2.0	2.0	1.0 (0.0)
cmyn4*	-0.999	-0.999	0.0 (1.0)
standard and adapted CIE LAB			
LAB*LAB	0.03	0.0	0.0
LAB*LABa	0.03	0.0	0.0
LAB*TCIha	0.01	0.01	-
relative CIE LAB lab			
lab*lab	0.0	0.0	0.0
lab*rch	0.0	0.0	-
lab*nch	1.0	1.0	-
relative Natural Colour (NC)			
lab*trj	0.0	0.0	0.0
lab*ncc	0.0	0.0	-
lab*nccE	1.0	0.0	-

e05

<i>relative Inform. Technology (IT)</i>			
<i>olvi3*</i>	1.0	1.0	0.25 (1.0)
<i>cmy3*</i>	0.0	0.0	0.75 (0.0)
<i>olvi4*</i>	2.0	2.0	1.25 (0.0)
<i>cmy4*</i>	-0.999	-0.999	-0.2491.0
standard and adapted CIELAB			
<i>LAB*LAB</i>	0.03	0.0	0.0
<i>LAB*LABa</i>	0.03	0.0	0.0
<i>LAB*TChA</i>	0.01	0.01	-
relative CIELAB lab*			
<i>lab*lab</i>	0.0	0.0	0.0
<i>lab*tch</i>	0.0	0.0	-
<i>lab*nch</i>	1.0	0.0	-
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.0	0.0	0.0
<i>lab*tce</i>	0.0	0.0	-
<i>lab*nCe</i>	1.0	0.0	-

relative Inform. Technology (IT)				
<i>olvi3*</i>	1.0	1.0	0.5	(1.0)
<i>cmyn3*</i>	0.0	0.0	0.5	(0.0)
<i>olvi4*</i>	2.0	2.0	1.5	0.0
<i>cmyn5*</i>	-0.999	-0.999	-0.999	1.0
standard and adapted CIELAB				
<i>LAB*LAB</i>	0.03	0.0	0.0	
<i>LAB*LABa</i>	0.03	0.0	0.0	
<i>LAB*TCHa</i>	0.01	0.01	-	
relative CIELAB lab*				
<i>lab*lab</i>	0.0	0.0	0.0	
<i>lab*tch</i>	0.0	0.0	-	
<i>lab*nch</i>	1.0	0.0	-	
relative Natural Colour (NC)				
<i>lab*lrj</i>	0.0	0.0	0.0	
<i>lab*tce</i>	0.0	0.0	-	
<i>lab*nCe</i>	1.0	0.0	-	

relative Inform. Technology (IT)			
olvi3*	1.0	1.0	0.75 (1)
cmy3*	0.0	0.0	0.25 (0)
olvi4*	2.0	2.0	1.75 (0)
cmy4*	-0.999	-0.999	-0.749 (1)
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*ch	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	-

relative Inform. Technology (IT)			
olvi3*	1.0	1.0	1.0
cmy3*	0.0	0.0	0.0
olvi4*	2.0	2.0	2.0
cmy4*	-0.999	-0.999	-0.999
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*ich	0.0	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	-

$$(\text{olv3}^* = 1.0, 1, 0)$$

LG400-7, Prüfvorlagen-Datei mit 5x5x5 (=125) Farben; Geräteabhängige Farbkoordinaten olv_3^* von ISO/IEC 15775:1999 als Eingabe; $r_3^* = o_3^* = 1.0 = \text{const}$

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

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*