

Siehe ähnliche Dateien: <http://www.ps.bam.de/UG53/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,1, CIEXYZ

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 94/360 = 0.261$

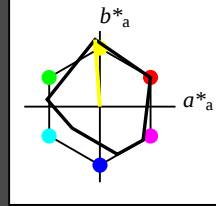
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 91 89 94

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 91$

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)
LAB*LAB	95.41	-0.97	7.45	
LAB*Lab	95.41	0.0	0.0	
LAB*TCRa	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trce	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	94.22	-2.54	26.86
LAB*Lab	94.22	-1.58	22.18
LAB*TCRa	97.5	22.24	94.1

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	93.05	-4.11	48.97
LAB*LABa	93.05	-3.17	44.37

standard and adapted CIELAB

LAB*LAB	93.05	-4.11	48.97
LAB*Lab	93.05	-3.17	44.37
LAB*TCRa	75.0	44.49	94.1

relative CIELAB lab*

lab*lab	0.969	-0.035	0.499
lab*tch	0.75	0.5	0.261
lab*nch	0.0	0.5	0.261

relative Natural Colour (NC)

lab*I _{rj}	0.969	-0.023	0.499
lab*tce	0.75	0.5	0.258
lab*ncE	0.0	0.5	j03g

standard and adapted CIELAB

LAB*LAB	93.05	-4.11	48.97
LAB*Lab	93.05	-3.17	44.37
LAB*TCRa	75.0	44.49	94.1

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	56.71	-0.23	2.14
LAB*LABa	56.71	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	0.5	0.0	0.0
lab*trc	0.5	0.0	0.0
lab*trce	0.5	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	7.45
LAB*Lab	95.41	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

LAB* <i>TCHa</i>	50.0	0.01	—
relative CIELAB <i>lab</i> *			
<i>lab</i> * <i>lab</i>	0.5	0.0	0.0
<i>lab</i> * <i>tch</i>	0.5	0.0	—
<i>lab</i> * <i>nch</i>	0.5	0.0	—
relative Natural Colour (NC)			
<i>lab</i> * <i>lrj</i>	0.5	0.0	0.0
<i>lab</i> * <i>tce</i>	0.5	0.0	—
<i>lab</i> * <i>ncE</i>	0.5	0.0	—

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trce	0.25	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	7.45
LAB*Lab	95.41	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	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

standard and adapted CIELAB

LAB*LAB	37.36	0.13	0.83
LAB*LAB	37.36	0.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trce	0.25	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	7.45
LAB*Lab	95.41	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

LAB*LAB	37.36	0.0	0.0
LAB*TCRa	25.0	0.01	—
relative CIELAB lab*			
lab*lab	0.25	0.0	0.0
lab*tch	0.25	0.0	—
lab*nch	0.75	0.0	—
relative Natural Colour (NC)			
lab*lrj	0.25	0.0	0.0
lab*tce	0.25	0.0	—
lab*nce	0.75	0.0	—

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trce	0.25	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	7.45
LAB*Lab	95.41	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

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	18.02	0.5	-0.46	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trce	0.25	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	7.45
LAB*Lab	95.41	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

LAB*LABa	18.02	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	—

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trce	0.25	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	7.45
LAB*Lab	95.41	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

lab*ncE 1.0 0.0 -

$n^* = 1,0$

UG530-7, 5 stufige

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trce	0.25	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	7.45
LAB*Lab	95.41	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

UG53-7, 5 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.261 (links)

BAM-Prüfvorlage UG53; Farbmetrik-Systeme MRS18 & NCS11input: cmy0* setcmykcolor

D65: 2 Koordinaten-Daten von 25stufigen Farbreihen für 10 Bunttoninput: olv* setrgbcolor / w* setgray

Ausgabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 91/360 = 0.252$

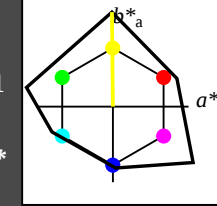
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 91 125 91

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 149$

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*Lab	95.41	0.0	0.0	
LAB*TCRa	99.99	0.01	-	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	1.0	0.0	0.0
lab*trc	1.0	0.0	0.0
lab*trce	1.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	7.45
LAB*Lab	95.41	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

LAB*TCRa	75.0	0.01	-
relative CIELAB lab*			
lab*lab	0.75	0.0	0.0
lab*tc	0.75	0.0	-
lab*nch	0.25	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.75	0.0	0.0
lab*tce	0.75	0.0	-
lab*nce	0.25	0.0	-

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	0.75	0.0	0.0
lab*trc	0.75	0.0	0.0
lab*trce	0.75	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	7.45
LAB*Lab	95.41	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

	LAB*TCRa	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 CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	0.5	0.0	0.0
lab*trc	0.5	0.0	0.0
lab*trce	0.5	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	7.45
LAB*Lab	95.41	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

LAB*LAB	32.11	0.0	0.0
LAB*TCRa	25.0	0.01	-
relative CIELAB lab*			
lab*lab	0.25	0.0	0.0
lab*tcR	0.25	0.0	-
lab*ncR	0.75	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.25	0.0	0.0
lab*tcR	0.25	0.0	-
lab*ncR	0.75	0.0	-

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.0	0.0	0.0
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trce	0.25	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	7.45
LAB*Lab	95.41	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

LAB*LABa	11.01	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	—

[illegible]


```
18 & NCS11input: cmv0* setcmvcolor
```

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 322/360 = 0.895$

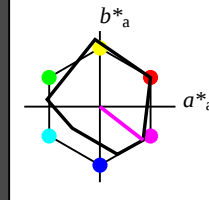
lab^*ch und lab^*nch

D65: Buntton B50R

LCH*Ma: 35 72 322

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 91$

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 -0.97 47.5
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.885 0.198 -0.152
lab*ch 0.875 0.25 0.895
lab*nch 0.0 0.25 0.895
relative Natural Colour (NC)
lab*trj 0.885 0.162 -0.189
lab*trc 0.875 0.25 0.867
lab*ncc 0.0 0.25 0.867

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.25 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (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 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

UG53-7, 5 stufige Reihen für konstanten CIELAB Buntton 322/360 = 0.895 (links)

BAM-Prüfvorlage UG53; Farbmetrik-Systeme MRS18 & NCS11input: $cmo^* setcmykcolor$

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: $olv^* setrgbcolor / w^* setgray$

Ausgabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 325/360 = 0.903$

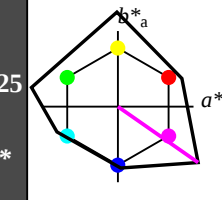
lab^*ch und lab^*nch

D65: Buntton B50R

LCH*Ma: 44 129 325

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 149$

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 -0.97 47.5
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*LABa 74.31 0.0 0.0
LAB*LABb 74.31 0.0 0.0
LAB*LABc 74.31 0.0 0.0

relative CIELAB lab*
lab*lab 0.885 0.198 -0.152
lab*ch 0.875 0.25 0.895
lab*nch 0.0 0.25 0.895
relative Natural Colour (NC)
lab*trj 0.885 0.162 -0.189
lab*trc 0.875 0.25 0.867
lab*ncc 0.0 0.25 0.867

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.25 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (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 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.26 -0.63 0.83
LAB*LABa 37.26 0.0 0.0
LAB*LABb 37.26 0.0 0.0
LAB*LABc 37.26 0.0 0.0

relative CIELAB lab*
lab*lab 0.3 0.0 0.0
lab*ch 0.3 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.3 0.0 0.0
lab*trc 0.3 0.0 0.0
lab*ncc 0.0 0.0 0.0

5 stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (rechts)

BAM-Prüfvorlage UG53; Farbmetrik-Systeme MRS18 & NCS11input: $cmo^* setcmykcolor$

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: $olv^* setrgbcolor / w^* setgray$

Siehe ähnliche Dateien: <http://www.ps.bam.de/UG53/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,1, CIEXYZ

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 92/360 = 0.255$

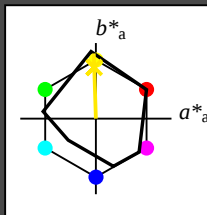
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 89 86 92

rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 91$

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)
LAB*LAB	95.41	-0.97	4.75	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	99.99	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	-
lab*ch	1.0	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-

relative Natural Colour (NC)

lab*trj	1.0	0.0	0.0	-
lab*trc	1.0	0.0	0.0	-
lab*ncc	0.0	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	1.0	0.988	0.75	(1.0)
cmyn3*	0.0	0.012	0.25	(0.0)
olvi4*	1.0	0.988	0.75	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
LAB*LAB	93.72	-1.64	26.21	0.0
LAB*LAB	93.72	-0.69	21.57	0.0
LAB*LAB	97.5	-21.58	91.86	0.0

relative CIELAB lab*

lab*lab	0.978	-0.007	0.25	-
lab*ch	0.875	0.25	0.255	-
lab*nch	0.0	0.25	0.255	-

standard and adapted CIELAB

lab*trj	0.978	0.0	0.25	-
lab*trc	0.875	0.25	0.25	-
lab*ncc	0.0	0.25	0.25	-

relative Inform. Technology (IT)

olvi3*	1.0	0.976	0.5	(1.0)
cmyn3*	0.0	0.037	0.5	(0.0)
olvi4*	1.0	0.976	0.5	(1.0)
cmyn4*	0.0	0.037	0.5	(0.0)
LAB*LAB	92.04	-2.3	47.67	0.0
LAB*LAB	92.04	-1.39	43.14	0.0
LAB*LAB	75.0	43.16	91.85	0.0

relative CIELAB lab*

lab*lab	0.957	-0.015	0.5	-
lab*ch	0.75	0.5	0.255	-
lab*nch	0.0	0.5	0.255	-

standard and adapted CIELAB

lab*trj	0.957	0.0	0.5	-
lab*trc	0.75	0.5	0.25	-
lab*ncc	0.0	0.5	0.25	-

relative Inform. Technology (IT)

olvi3*	1.0	0.963	0.25	(1.0)
cmyn3*	0.0	0.037	0.25	(0.0)
olvi4*	1.0	0.963	0.25	(1.0)
cmyn4*	0.0	0.037	0.25	(0.0)
LAB*LAB	90.36	-2.96	69.13	0.0
LAB*LAB	90.36	-2.08	64.71	0.0
LAB*LAB	62.5	64.74	91.85	0.0

relative CIELAB lab*

lab*lab	0.932	-0.023	0.25	-
lab*ch	0.625	0.75	0.255	-
lab*nch	0.0	0.75	0.255	-

standard and adapted CIELAB

lab*trj	0.932	0.0	0.25	-
lab*trc	0.625	0.75	0.25	-
lab*ncc	0.0	0.75	0.25	-

relative Inform. Technology (IT)

olvi3*	1.0	0.951	0.0	(1.0)
cmyn3*	0.0	0.049	0.0	(0.0)
olvi4*	1.0	0.951	0.0	(1.0)
cmyn4*	0.0	0.049	0.0	(0.0)
LAB*LAB	88.68	-3.62	90.58	0.0
LAB*LAB	88.68	-2.77	86.27	0.0
LAB*LAB	50.0	86.32	91.85	0.0

relative CIELAB lab*

lab*lab	0.913	-0.031	0.999	-
lab*ch	0.5	1.0	0.255	-
lab*nch	0.0	1.0	0.255	-

standard and adapted CIELAB

lab*trj	0.913	0.0	0.999	-
lab*trc	0.5	1.0	0.25	-
lab*ncc	0.0	1.0	0.25	-

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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	53.21	0.42	90.46	0.0
LAB*LAB	53.21	0.21	86.27	0.0
LAB*LAB	50.0	0.01	91.85	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	-
lab*ch	0.5	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-

standard and adapted CIELAB

lab*trj	0.5	0.0	0.0	-
lab*trc	0.5	0.0	0.0	-
lab*ncc	0.0	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	32.11	0.05	90.46	0.0
LAB*LAB	32.11	0.01	86.27	0.0
LAB*LAB	25.0	0.01	91.85	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	-
lab*ch	0.25	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-

standard and adapted CIELAB

lab*trj	0.25	0.0	0.0	-
lab*trc	0.25	0.0	0.0	-
lab*ncc	0.0	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	30.86	-1.17	90.46	0.0
LAB*LAB	30.86	-1.23	86.27	0.0
LAB*LAB	25.0	0.01	91.85	0.0

relative CIELAB lab*

lab*lab	0.235	-0.009	0.25	-
lab*ch	0.125	0.25	0.255	-
lab*nch	0.0	0.25	0.255	-

standard and adapted CIELAB

lab*trj	0.235	0.0	0.25	-
lab*trc	0.125	0.25	0.25	-
lab*ncc	0.0	0.25	0.25	-

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	30.86	-1.17	90.46	0.0
LAB*LAB	30.86	-1.23	86.27	0.0
LAB*LAB	25.0	0.01	91.85	0.0

relative CIELAB lab*

lab*lab	0.235	-0.009	0.25	-
lab*ch	0.125	0.25	0.255	-
lab*nch	0.0	0.25	0.255	-

standard and adapted CIELAB

lab*trj	0.235	0.0	0.25	-
lab*trc	0.125	0.25	0.25	-
lab*ncc	0.0	0.25	0.25	-

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	30.86	-1.17	90.46	0.0
LAB*LAB	30.86	-1.23	86.27	0.0
LAB*LAB	25.0	0.01	91.85	0.0

relative CIELAB lab*

lab*lab	0.235	-0.009	0.25	-
lab*ch	0.125	0.25	0.255	-
lab*nch	0.0	0.25	0.255	-

standard and adapted CIELAB

lab*trj	0.235	0.0	0.25	-
lab*trc	0.125	0.25	0.25	-
lab*ncc	0.0	0.25	0.25	-

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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.0	46.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	0.01	0.01	0.0	0.0

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	0.0	-

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0	-
lab*trc	0.0	0.0	0.0	-
lab*ncc	1.0	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	35.68	-0.52	22.29	0.0
LAB*LAB	35.68	-0.68	21.56	0.0
LAB*LAB	12.5	21.57	91.84	0.0

relative CIELAB lab*

lab*lab	0.228	-0.007	0.25	-
lab*ch	0.125	0.25	0.255	-
lab*nch	0.0	0.25	0.255	-

standard and adapted CIELAB

lab*trj	0.228	0.0	0.25	-
lab*trc	0.125	0.25	0.25	-
lab*ncc	0.0	0.25	0.25	-

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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	53.21	0.42	90.46	0.0
LAB*LAB	53.21	0.21	86.27	0.0
LAB*LAB	50.0	0.01	91.85	0.0

relative CIELAB lab*

lab*lab	0.457	-0.015	0.5	-
lab*ch	0.25	0.5	0.255	-
lab*nch	0.0	0.5	0.255	-

standard and adapted CIELAB

lab*trj	0.457	0.0	0.5	-
lab*trc	0.25	0.5	0.25	-
lab*ncc	0.0	0.5	0.25	-

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	32.11	0.05	90.46	0.0
LAB*LAB	32.11	0.01	86.27	0.0
LAB*LAB	25.0	0.01	91.85	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	-
lab*ch	0.25	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-

standard and adapted CIELAB

lab*trj	0.25	0.0	0.0	-
lab*trc	0.25	0.0	0.0	-
lab*ncc	0.0	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	32.11	0.05	90.46	0.0
LAB*LAB	32.11	0.01	86.27	0.0
LAB*LAB	25.0	0.01	91.85	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	-
lab*ch	0.25	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-

standard and adapted CIELAB

lab*trj	0.25	0.0	0.0	-
lab*trc	0.25	0.0	0.0	-
lab*ncc	0.0	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	32.11	0.05	90.46	0.0
LAB*LAB	32.11	0.01	86.27	0.0
LAB*LAB	25.0	0.01	91.85	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	-
lab*ch	0.25	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-

standard and adapted CIELAB

lab*trj	0.25	0.0	0.0	-
lab*trc	0.25	0.0	0.0	-
lab*ncc	0.0	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	32.11	0.05	90.46	0.0
LAB*LAB	32.11	0.01	86.27	0.0
LAB*LAB	25.0	0.01	91.85	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	-
lab*ch	0.25	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-

standard and adapted CIELAB

lab*trj	0.25	0.0	0.0	-
lab*trc	0.25	0.0	0.0	-
lab*ncc	0.0	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	32.11	0.05	90.46	0.0
LAB*LAB	32.11	0.01	86.27	0.0
LAB*LAB	25.0	0.01	91.85	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	-
lab*ch	0.25	0.0	0.0	-

1,00

für 10 Bunttöne: $o\bar{v}^* \text{ setrabcolor} / w^* \text{ setgray}$

