

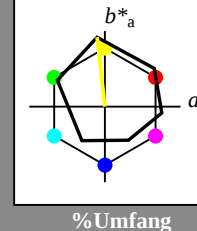
Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$

lab^*ch und lab^*nch

D65: Buntton Y
LCH*Ma: 90 92 96
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
QMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

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 47.5
LAB*Lab 95.41 0.0 0.0
LAB*TCha 99.99 0.01 -

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)
LAB*LAB 94.14 -3.51 27.61
LAB*Lab 94.14 -2.56 22.93
LAB*TCha 97.5 23.08 96.39

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)
LAB*LAB 92.88 -6.06 50.46
LAB*Lab 92.88 -5.13 45.87
LAB*TCha 75.0 46.16 96.39

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.25 (1.0)
cmyn3* 0.0 0.0 0.25 (0.0)
olvi4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
LAB*LAB 91.62 -8.6 73.32
LAB*Lab 91.62 -7.7 68.82
LAB*TCha 62.5 69.25 96.39

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 90.37 -10.26 91.77
LAB*Lab 90.37 -10.26 91.77
LAB*TCha 50.0 92.32 96.39

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 0.5 (0.0)
LAB*LAB 90.37 -10.26 91.77
LAB*Lab 90.37 -10.26 91.77
LAB*TCha 50.0 92.32 96.39

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 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
LAB*LAB 76.06 -0.6 3.44
LAB*Lab 76.06 0.0 0.0
LAB*TCha 75.0 0.01 -

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 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
LAB*LAB 74.8 -3.14 26.31
LAB*Lab 74.8 -2.56 22.94
LAB*TCha 62.5 23.09 96.39

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.0 (1.0)
cmyn3* 0.25 0.25 0.0 (0.0)
olvi4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

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 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.25 (1.0)
cmyn3* 0.5 0.5 0.25 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCha 50.0 46.17 96.39

TG510-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

5 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.262 (rechts)

BAM-Prüfvorlage TG51; Farbmetrik-Systeme ORS18 & MRS18a

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

ocolor

für 10 Bunttöne: $oly^* setrabcolc$

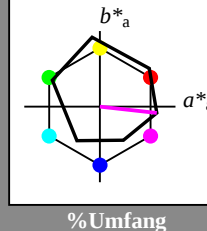
Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 354/360 = 0.982$

lab^*ch und lab^*nch

D65: Buntton M
LCH*Ma: 48 76 354
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



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 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*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*TCHa 75.0 0.01 -

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)
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 (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)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCHa 50.0 0.01 -

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)
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 37.36 0.3 0.63
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

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)
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)
standard and adapted CIELAB
LAB*LAB 37.36 0.3 0.63
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

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)
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)
standard and adapted CIELAB
LAB*LAB 37.36 0.3 0.63
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

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)
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)
standard and adapted CIELAB
LAB*LAB 37.36 0.3 0.63
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

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)
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)
standard and adapted CIELAB
LAB*LAB 37.36 0.3 0.63
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

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)
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)
standard and adapted CIELAB
LAB*LAB 37.36 0.3 0.63
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

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)
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)
standard and adapted CIELAB
LAB*LAB 37.36 0.3 0.63
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

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)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

$L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
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BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)
olvi3* 1.0 0.5 1.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.77 37.63 -1.17
LAB*LABa 71.77 37.63 -1.17
LAB*TCHa 75.0 37.63 353.66

relative CIELAB lab*
lab*lab 0.695 0.497 -0.054
lab*ch 0.75 0.5 0.982
lab*nch 0.0 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.695 0.454 -0.208
lab*trc 0.75 0.5 0.982
lab*ncc 0.0 0.5 0.982

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.42 37.63 -1.17
LAB*LABa 52.42 37.63 -1.17
LAB*TCHa 50.0 37.63 353.66

relative CIELAB lab*
lab*lab 0.542 0.745 -0.082
lab*ch 0.625 0.75 0.982
lab*nch 0.0 0.75 0.982
relative Natural Colour (NC)
lab*trj 0.542 0.682 -0.312
lab*trc 0.625 0.75 0.982
lab*ncc 0.0 0.75 0.982

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.5 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 42.42 37.63 -1.17
LAB*LABa 42.42 37.63 -1.17
LAB*TCHa 50.0 37.63 353.66

relative CIELAB lab*
lab*lab 0.389 0.994 -0.109
lab*ch 0.5 1.0 0.982
lab*nch 0.0 1.0 0.982
relative Natural Colour (NC)
lab*trj 0.389 0.909 -0.416
lab*trc 0.5 1.0 0.982
lab*ncc 0.0 1.0 0.982

relative Inform. Technology (IT)
olvi3* 0.25 0.0 0.25 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 33.08 37.63 -1.17
LAB*LABa 33.08 37.63 -1.17
LAB*TCHa 25.01 37.63 353.66

relative CIELAB lab*
lab*lab 0.292 0.745 -0.082
lab*ch 0.375 0.75 0.982
lab*nch 0.0 0.75 0.982
relative Natural Colour (NC)
lab*trj 0.292 0.682 -0.312
lab*trc 0.375 0.75 0.982
lab*ncc 0.0 0.75 0.982

relative Inform. Technology (IT)
olvi3* 0.25 0.0 0.25 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 33.08 37.63 -1.17
LAB*LABa 33.08 37.63 -1.17
LAB*TCHa 25.01 37.63 353.66

relative CIELAB lab*
lab*lab 0.195 0.497 -0.054
lab*ch 0.25 0.5 0.982
lab*nch 0.0 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.195 0.454 -0.208
lab*trc 0.25 0.5 0.982
lab*ncc 0.0 0.5 0.982

relative Inform. Technology (IT)
olvi3* 0.25 0.0 0.25 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 33.08 37.63 -1.17
LAB*LABa 33.08 37.63 -1.17
LAB*TCHa 25.01 37.63 353.66

relative CIELAB lab*
lab*lab 0.097 0.248 -0.027
lab*ch 0.125 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.097 0.227 -0.103
lab*trc 0.125 0.25 0.982
lab*ncc 0.0 0.25 0.982

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)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
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 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* 0.0 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)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
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 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

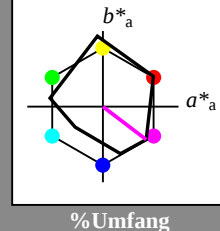
Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 323/360 = 0.896$

lab^*ch und lab^*nch

D65: Buntton B50R
LCH*Ma: 35 72 323
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



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 0.01 0.0
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*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 0.03 0.25
LAB*LABa 76.06 0.0 0.0
LAB*TCHa 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.805 0.199 -0.15
lab*ch 0.875 0.25 0.896
lab*nch 0.0 0.25 0.896
relative Natural Colour (NC)
lab*trj 0.805 0.162 -0.189
lab*trc 0.875 0.25 0.896
lab*ncc 0.0 0.25 0.896

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)
standard and adapted CIELAB
LAB*LAB 56.71 0.05 0.0
LAB*LABa 56.71 0.0 0.0
LAB*TCHa 50.0 0.01 -

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)
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 37.36 0.07 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.339 0.324 -0.38
lab*ch 0.339 0.324 -0.38
lab*nch 0.0 0.324 -0.38
relative Natural Colour (NC)
lab*trj 0.339 0.324 -0.38
lab*trc 0.339 0.324 -0.38
lab*ncc 0.0 0.324 -0.38

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 37.36 0.07 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.339 0.324 -0.38
lab*ch 0.339 0.324 -0.38
lab*nch 0.0 0.324 -0.38
relative Natural Colour (NC)
lab*trj 0.339 0.324 -0.38
lab*trc 0.339 0.324 -0.38
lab*ncc 0.0 0.324 -0.38

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 37.36 0.07 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.339 0.324 -0.38
lab*ch 0.339 0.324 -0.38
lab*nch 0.0 0.324 -0.38
relative Natural Colour (NC)
lab*trj 0.339 0.324 -0.38
lab*trc 0.339 0.324 -0.38
lab*ncc 0.0 0.324 -0.38

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 37.36 0.07 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.339 0.324 -0.38
lab*ch 0.339 0.324 -0.38
lab*nch 0.0 0.324 -0.38
relative Natural Colour (NC)
lab*trj 0.339 0.324 -0.38
lab*trc 0.339 0.324 -0.38
lab*ncc 0.0 0.324 -0.38

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 37.36 0.07 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.339 0.324 -0.38
lab*ch 0.339 0.324 -0.38
lab*nch 0.0 0.324 -0.38
relative Natural Colour (NC)
lab*trj 0.339 0.324 -0.38
lab*trc 0.339 0.324 -0.38
lab*ncc 0.0 0.324 -0.38

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 37.36 0.07 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.339 0.324 -0.38
lab*ch 0.339 0.324 -0.38
lab*nch 0.0 0.324 -0.38
relative Natural Colour (NC)
lab*trj 0.339 0.324 -0.38
lab*trc 0.339 0.324 -0.38
lab*ncc 0.0 0.324 -0.38

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 37.36 0.07 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.339 0.324 -0.38
lab*ch 0.339 0.324 -0.38
lab*nch 0.0 0.324 -0.38
relative Natural Colour (NC)
lab*trj 0.339 0.324 -0.38
lab*trc 0.339 0.324 -0.38
lab*ncc 0.0 0.324 -0.38

MRS18a; adaptierte CIELAB-Daten

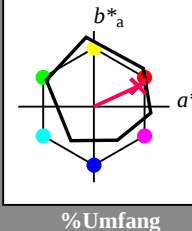
Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$

lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 48 75 25
rgb*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



$u^*_{rel} = 93$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi10*	0.0	0.0	0.0	(0.0)
olvi11*	0.0	0.0	0.0	(0.0)
olvi12*	0.0	0.0	0.0	(0.0)
olvi13*	0.0	0.0	0.0	(0.0)
olvi14*	0.0	0.0	0.0	(0.0)
olvi15*	0.0	0.0	0.0	(0.0)
olvi16*	0.0	0.0	0.0	(0.0)
olvi17*	0.0	0.0	0.0	(0.0)
olvi18*	0.0	0.0	0.0	(0.0)
olvi19*	0.0	0.0	0.0	(0.0)
olvi20*	0.0	0.0	0.0	(0.0)
olvi21*	0.0	0.0	0.0	(0.0)
olvi22*	0.0	0.0	0.0	(0.0)
olvi23*	0.0	0.0	0.0	(0.0)
olvi24*	0.0	0.0	0.0	(0.0)
olvi25*	0.0	0.0	0.0	(0.0)
olvi26*	0.0	0.0	0.0	(0.0)
olvi27*	0.0	0.0	0.0	(0.0)
olvi28*	0.0	0.0	0.0	(0.0)
olvi29*	0.0	0.0	0.0	(0.0)
olvi30*	0.0	0.0	0.0	(0.0)
olvi31*	0.0	0.0	0.0	(0.0)
olvi32*	0.0	0.0	0.0	(0.0)
olvi33*	0.0	0.0	0.0	(0.0)
olvi34*	0.0	0.0	0.0	(0.0)
olvi35*	0.0	0.0	0.0	(0.0)
olvi36*	0.0	0.0	0.0	(0.0)
olvi37*	0.0	0.0	0.0	(0.0)
olvi38*	0.0	0.0	0.0	(0.0)
olvi39*	0.0	0.0	0.0	(0.0)
olvi40*	0.0	0.0	0.0	(0.0)
olvi41*	0.0	0.0	0.0	(0.0)
olvi42*	0.0	0.0	0.0	(0.0)
olvi43*	0.0	0.0	0.0	(0.0)
olvi44*	0.0	0.0	0.0	(0.0)
olvi45*	0.0	0.0	0.0	(0.0)
olvi46*	0.0	0.0	0.0	(0.0)
olvi47*	0.0	0.0	0.0	(0.0)
olvi48*	0.0	0.0	0.0	(0.0)
olvi49*	0.0	0.0	0.0	(0.0)
olvi50*	0.0	0.0	0.0	(0.0)
olvi51*	0.0	0.0	0.0	(0.0)
olvi52*	0.0	0.0	0.0	(0.0)
olvi53*	0.0	0.0	0.0	(0.0)
olvi54*	0.0	0.0	0.0	(0.0)
olvi55*	0.0	0.0	0.0	(0.0)
olvi56*	0.0	0.0	0.0	(0.0)
olvi57*	0.0	0.0	0.0	(0.0)
olvi58*	0.0	0.0	0.0	(0.0)
olvi59*	0.0	0.0	0.0	(0.0)
olvi60*	0.0	0.0	0.0	(0.0)
olvi61*	0.0	0.0	0.0	(0.0)
olvi62*	0.0	0.0	0.0	(0.0)
olvi63*	0.0	0.0	0.0	(0.0)
olvi64*	0.0	0.0	0.0	(0.0)
olvi65*	0.0	0.0	0.0	(0.0)
olvi66*	0.0	0.0	0.0	(0.0)
olvi67*	0.0	0.0	0.0	(0.0)
olvi68*	0.0	0.0	0.0	(0.0)
olvi69*	0.0	0.0	0.0	(0.0)
olvi70*	0.0	0.0	0.0	(0.0)
olvi71*	0.0	0.0	0.0	(0.0)
olvi72*	0.0	0.0	0.0	(0.0)
olvi73*	0.0	0.0	0.0	(0.0)
olvi74*	0.0	0.0	0.0	(0.0)
olvi75*	0.0	0.0	0.0	(0.0)
olvi76*	0.0	0.0	0.0	(0.0)
olvi77*	0.0	0.0	0.0	(0.0)
olvi78*	0.0	0.0	0.0	(0.0)
olvi79*	0.0	0.0	0.0	(0.0)
olvi80*	0.0	0.0	0.0	(0.0)
olvi81*	0.0	0.0	0.0	(0.0)
olvi82*	0.0	0.0	0.0	(0.0)
olvi83*	0.0	0.0	0.0	(0.0)
olvi84*	0.0	0.0	0.0	(0.0)
olvi85*	0.0	0.0	0.0	(0.0)
olvi86*	0.0	0.0	0.0	(0.0)
olvi87*	0.0	0.0	0.0	(0.0)
olvi88*	0.0	0.0	0.0	(0.0)
olvi89*	0.0	0.0	0.0	(0.0)
olvi90*	0.0	0.0	0.0	(0.0)
olvi91*	0.0	0.0	0.0	(0.0)
olvi92*	0.0	0.0	0.0	(0.0)
olvi93*	0.0	0.0	0.0	(0.0)
olvi94*	0.0	0.0	0.0	(0.0)
olvi95*	0.0	0.0	0.0	(0.0)
olvi96*	0.0	0.0	0.0	(0.0)
olvi97*	0.0	0.0	0.0	(0.0)
olvi98*	0.0	0.0	0.0	(0.0)
olvi99*	0.0	0.0	0.0	(0.0)
olvi100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.831	(1.0)
olvi4*	0.0	0.25	0.169	(0.0)
olvi5*	0.0	0.75	0.831	(1.0)
olvi6*	0.0	0.25	0.169	(0.0)
olvi7*	0.0	0.75	0.831	(1.0)
olvi8*	0.0	0.25	0.169	(0.0)
olvi9*	0.0	0.75	0.831	(1.0)
olvi10*	0.0	0.25	0.169	(0.0)
olvi11*	0.0	0.75	0.831	(1.0)
olvi12*	0.0	0.25	0.169	(0.0)
olvi13*	0.0	0.75	0.831	(1.0)
olvi14*	0.0	0.25	0.169	(0.0)
olvi15*	0.0	0.75	0.831	(1.0)
olvi16*	0.0	0.25	0.169	(0.0)
olvi17*	0.0	0.75	0.831	(1.0)
olvi18*	0.0	0.25	0.169	(0.0)
olvi19*	0.0	0.75	0.831	(1.0)
olvi20*	0.0	0.25	0.169	(0.0)
olvi21*	0.0	0.75	0.831	(1.0)
olvi22*	0.0	0.25	0.169	(0.0)
olvi23*	0.0	0.75	0.831	(1.0)
olvi24*	0.0	0.25	0.169	(0.0)
olvi25*	0.0	0.75	0.831	(1.0)
olvi26*	0.0	0.25	0.169	(0.0)
olvi27*	0.0	0.75	0.831	(1.0)
olvi28*	0.0	0.25	0.169	(0.0)
olvi29*	0.0	0.75	0.831	(1.0)
olvi30*	0.0	0.25	0.169	(0.0)
olvi31*	0.0	0.75	0.831	(1.0)
olvi32*	0.0	0.25	0.169	(0.0)
olvi33*	0.0	0.75	0.831	(1.0)
olvi34*	0.0	0.25	0.169	(0.0)
olvi35*	0.0	0.75	0.831	(1.0)
olvi36*	0.0	0.25	0.169	(0.0)
olvi37*	0.0	0.75	0.831	(1.0)
olvi38*	0.0	0.25	0.169	(0.0)
olvi39*	0.0	0.75	0.831	(1.0)
olvi40*	0.0	0.25	0.169	(0.0)
olvi41*	0.0	0.75	0.831	(1.0)
olvi42*	0.0	0.25	0.169	(0.0)
olvi43*	0.0	0.75	0.831	(1.0)
olvi44*	0.0	0.25	0.169	(0.0)
olvi45*	0.0	0.75	0.831	(1.0)
olvi46*	0.0	0.25	0.169	(0.0)
olvi47*	0.0	0.75	0.831	(1.0)
olvi48*	0.0	0.25	0.169	(0.0)
olvi49*	0.0	0.75	0.831	(1.0)
olvi50*	0.0	0.25	0.169	(0.0)
olvi51*	0.0	0.75	0.831	(1.0)
olvi52*	0.0	0.25	0.169	(0.0)
olvi53*	0.0	0.75	0.831	(1.0)
olvi54*	0.0	0.25	0.169	(0.0)
olvi55*	0.0	0.75	0.831	(1.0)
olvi56*	0.0	0.25	0.169	(0.0)
olvi57*	0.0	0.75	0.831	(1.0)
olvi58*	0.0	0.25	0.169	(0.0)
olvi59*	0.0	0.75	0.831	(1.0)
olvi60*	0.0	0.25	0.169	(0.0)
olvi61*	0.0	0.75	0.831	(1.0)
olvi62*	0.0	0.25	0.169	(0.0)
olvi63*	0.0	0.75	0.831	(1.0)
olvi64*	0.0	0.25	0.169	(0.0)
olvi65*	0.0	0.75	0.831	(1.0)
olvi66*	0.0	0.25	0.169	(0.0)
olvi67*	0.0	0.75	0.831	(1.0)
olvi68*	0.0	0.25	0.169	(0.0)
olvi69*	0.0	0.75	0.831	(1.0)
olvi70*	0.0	0.25	0.169	(0.0)
olvi71*	0.0	0.75	0.831	(1.0)
olvi72*	0.0	0.25	0.169	(0.0)
olvi73*	0.0	0.75	0.831	(1.0)
olvi74*	0.0	0.25	0.169	(0.0)
olvi75*	0.0	0.75	0.831	(1.0)
olvi76*	0.0	0.25	0.169	(0.0)
olvi77*	0.0	0.75	0.831	(1.0)
olvi78*	0.0	0.25	0.169	(0.0)
olvi79*	0.0	0.75	0.831	(1.0)
olvi80*	0.0	0.25	0.169	(0.0)
olvi81*	0.0	0.75	0.831	(1.0)
olvi82*	0.0	0.25	0.169	(0.0)
olvi83*	0.0	0.75	0.831	(1.0)
olvi84*	0.0	0.25	0.169	(0.0)
olvi85*	0.0	0.75	0.831	(1.0)
olvi86*	0.0	0.25	0.169	(0.0)
olvi87*	0.0	0.75	0.831	(1.0)
olvi88*	0.0	0.25	0.169	(0.0)
olvi89*	0.0	0.75	0.831	(1.0)
olvi90*	0.0	0.25	0.169	(0.0)
olvi91*	0.0	0.75	0.831	(1.0)
olvi92*	0.0	0.25	0.169	(0.0)
olvi93*	0.0	0.75	0.831	(1.0)
olvi94*	0.0	0.25	0.169	(0.0)
olvi95*	0.0	0.75	0.831	(1.0)
olvi96*	0.0	0.25	0.169	(0.0)
olvi97*	0.0	0.75	0.831	(1.0)
olvi98*	0.0	0.25	0.169	(0.0)
olvi99*	0.0	0.75	0.831	(1.0)
olvi100*	0.0	0.25	0.169	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.831	(1.0)
olvi4*	0.0	0.25	0.169	(0.0)
olvi5*	0.0	0.75	0.831	(1.0)
olvi6*	0.0	0.25	0.169	(0.0)
olvi7*	0.0	0.75	0.831	(1.0)
olvi8*	0.0	0.25	0.169	(0.0)
olvi9*	0.0	0.75	0.831	(1.0)
olvi10*	0.0	0.25	0.169	(0.0)
olvi11*	0.0	0.75	0.831	(1.0)
olvi12*	0.0	0.25	0.169	(0.0)
olvi13*	0.0	0.75	0.831	(1.0)
olvi14*	0.0	0.25	0.169	(0.0)
olvi15*	0.0	0.75	0.831	(1.0)
olvi16*	0.0	0.25	0.169	(0.0)
olvi17*	0.0	0.75	0.831	(1.0)
olvi18*	0.0	0.25	0.169	(0.0)
olvi19*	0.0	0.75	0.831	(1.0)
olvi20*	0.0	0.25	0.169	(0.0)
olvi21*	0.0	0.75	0.831	(1.0)
olvi22*	0.0	0.25	0.169	(0.0)
olvi23*	0.0	0.75	0.831	(1.0)
olvi24*	0.0	0.25	0.169	(0.0)
olvi25*	0.0	0.75	0.831	(1.0)
olvi26*	0.0	0.25	0.169	(0.0)
olvi27*	0.0	0.75	0.831	(1.0)
olvi28*	0.0	0.25	0.169	(0.0)
olvi29*	0.0	0.75	0.831	(1.0)
olvi30*	0.0	0.25	0.169	(0.0)
olvi31*	0.0	0.75	0.831	(1.0)
olvi32*	0.0	0.25	0.169	(0.0)
olvi33*	0.0	0.75	0.831	(1.0)
olvi34*	0.0	0.25	0.169	(0.0)
olvi35*	0.0	0.75	0.831	(1.0)
olvi36*	0.0	0.25	0.169	(0.0)
olvi37*	0.0	0.75	0.831	(1.0)
olvi38*	0.0	0.25	0.169	(0.0)
olvi39*	0.0	0.75	0.831	(1.0)
olvi40*	0.0	0.25	0.169	(0.0)
olvi41*	0.0	0.75	0.831	(1.0)
olvi42*	0.0	0.25	0.169	(0.0)
olvi43*	0.0	0.75	0.831	(1.0)
olvi44*	0.0	0.25	0.169	(0.0)
olvi45*	0.0	0.75	0.831	(1.0)
olvi46*	0.0	0.25	0.169	(0.0)
olvi47*	0.0	0.75	0.831	(1.0)
olvi48*	0.0	0.25	0.169	(0.0)
olvi49*	0.0	0.75	0.831	(1.0)
olvi50*	0.0	0.25	0.169	(0.0)
olvi51*	0.0	0.75	0.831	(1.0)
olvi52*	0.0	0.25	0.169	(0.0)
olvi53*	0.0	0.75	0.831	(1.0)
olvi54*	0.0	0.25	0.169	(0.0)
olvi55*	0.0	0.75	0.831	(1.0)</

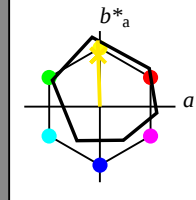
Eingabe: Farbmetrisches Reflexions-System ORS18

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

lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 86 88 92
rgb*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



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	47.5	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCBa	99.99	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	47.5	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCBa	99.99	0.01	0.0	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olvi3*	1.0	0.975	0.75	(1.0)
cmyn3*	0.0	0.025	0.25	(0.0)
olvi4*	1.0	0.975	0.75	(1.0)
cmyn4*	0.0	0.025	0.25	(0.0)
LAB*LAB	93.11	-1.64	26.52	0.0
LAB*LAB	93.11	-0.7	21.93	0.0
LAB*TCBa	97.5	21.93	91.86	0.0

standard and adapted CIELAB

LAB*LAB	93.11	-1.64	26.52	0.0
LAB*LAB	93.11	-0.7	21.93	0.0
LAB*TCBa	97.5	21.93	91.86	0.0

relative CIELAB lab*

lab*lab	0.97	-0.007	0.25	-
lab*ch	0.875	0.25	0.25	-
lab*nch	0.0	0.25	0.25	-
lab*trj	0.97	0.0	0.25	-
lab*trc	0.875	0.25	0.25	-
lab*ncc	0.0	0.25	0.25	-

relative Natural Colour (NC)

lab*trj	0.97	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	0.951	0.5	(1.0)
cmyn3*	0.0	0.049	0.5	(0.0)
olvi4*	1.0	0.951	0.5	(1.0)
cmyn4*	0.0	0.049	0.5	(0.0)
LAB*LAB	90.8	-2.3	48.29	0.0
LAB*LAB	90.8	-1.41	43.85	0.0
LAB*TCBa	75.0	43.87	91.85	0.0

standard and adapted CIELAB

LAB*LAB	90.8	-2.3	48.29	0.0
LAB*LAB	90.8	-1.41	43.85	0.0
LAB*TCBa	75.0	43.87	91.85	0.0

relative CIELAB lab*

lab*lab	0.94	-0.015	0.5	-
lab*ch	0.75	0.5	0.25	-
lab*nch	0.0	0.5	0.25	-
lab*trj	0.94	0.0	0.5	-
lab*trc	0.75	0.5	0.25	-
lab*ncc	0.0	0.5	0.25	-

relative Natural Colour (NC)

lab*trj	0.94	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	0.926	0.25	(1.0)
cmyn3*	0.0	0.074	0.25	(0.0)
olvi4*	1.0	0.926	0.25	(1.0)
cmyn4*	0.0	0.074	0.25	(0.0)
LAB*LAB	88.49	-2.96	70.06	0.0
LAB*LAB	88.49	-2.11	65.77	0.0
LAB*TCBa	62.5	65.81	91.85	0.0

standard and adapted CIELAB

LAB*LAB	88.49	-2.96	70.06	0.0
LAB*LAB	88.49	-2.11	65.77	0.0
LAB*TCBa	62.5	65.81	91.85	0.0

relative CIELAB lab*

lab*lab	0.911	-0.023	0.75	-
lab*ch	0.625	0.75	0.25	-
lab*nch	0.0	0.75	0.25	-
lab*trj	0.911	0.0	0.75	-
lab*trc	0.625	0.75	0.25	-
lab*ncc	0.0	0.75	0.25	-

relative Natural Colour (NC)

lab*trj	0.911	0.0	0.75	-
lab*trc	0.625	0.75	0.25	-
lab*ncc	0.0	0.75	0.25	-

relative Inform. Technology (IT)

olvi3*	1.0	0.901	0.0	(1.0)
cmyn3*	0.0	0.099	1.0	(0.0)
olvi4*	1.0	0.902	0.0	(1.0)
cmyn4*	0.0	0.099	1.0	(0.0)
LAB*LAB	86.15	-3.62	91.83	0.0
LAB*LAB	86.15	-2.82	87.69	0.0
LAB*TCBa	50.0	87.73	91.85	0.0

standard and adapted CIELAB

LAB*LAB	86.15	-3.62	91.83	0.0
LAB*LAB	86.15	-2.82	87.69	0.0
LAB*TCBa	50.0	87.73	91.85	0.0

relative CIELAB lab*

lab*lab	0.881	-0.031	0.999	-
lab*ch	0.5	1.0	0.25	-
lab*nch	0.0	1.0	0.25	-
lab*trj	0.881	0.0	1.0	-
lab*trc	0.5	1.0	0.25	-
lab*ncc	0.0	1.0	0.25	-

relative Natural Colour (NC)

lab*trj	0.881	0.0	1.0	-
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	(1.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	0.05	0.0	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*TCBa	50.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.05	0.0	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*TCBa	50.0	0.0	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	0.5	0.0	-
lab*trj	0.5	0.0	0.0	-
lab*trc	0.5	0.0	0.0	-
lab*ncc	0.0	0.5	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	0.5	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	37.36	0.07	0.0	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*TCBa	25.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.36	0.07	0.0	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*TCBa	25.0	0.0	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	0.25	0.0	-
lab*trj	0.25	0.0	0.0	-
lab*trc	0.25	0.0	0.0	-
lab*ncc	0.0	0.25	0.0	-

relative Natural Colour (NC)

lab*trj	0.25	0.0	0.0	-
lab*trc	0.25	0.0	0.0	-
lab*ncc	0.0	0.25	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCBa	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCBa	0.0	0.0	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	-
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 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*	0.0	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	0.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCBa	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCBa	0.0	0.0	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	-
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 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	37.36	0.07	0.0	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*TCBa	25.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.36	0.07	0.0	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*TCBa	25.0	0.0	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	0.25	0.0	-
lab*trj	0.25	0.0	0.0	-
lab*trc	0.25	0.0	0.0	-
lab*ncc	0.0	0.25	0.0	-

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(1.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	0.05	0.0	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*TCBa	50.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.05	0.0	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*TCBa	50.0	0.0	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	0.5	0.0	-
lab*trj	0.5	0.0	0.0	-
lab*trc	0.5	0.0	0.0	-
lab*ncc	0.0	0.5	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	0.5	0.0	-

TG510-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage TG51; Farbmetrik-Systeme ORS18 & MRS18a

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen

Input: $olv^* setrgbcolor$ / $w^* setgray$

Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$

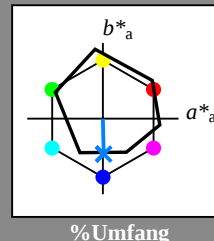
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.37	50.52	82.62	38
Y _{Ma}	90.37	-10.27	91.77	92.34	96
L _{Ma}	50.9	-62.79	34.95	71.87	151
C _{Ma}	58.62	-30.35	-45.01	54.3	236
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

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 47.5
LAB*LAB 95.41 0.0 0.0
LAB*TCMa 99.99 0.01

relative Inform. Technology (IT)
olvi3* 0.75 0.872 1.0 (1.0)
cmyn3* 0.25 0.128 0.0 (0.0)
olvi4* 0.75 0.872 1.0 (1.0)
cmyn4* 0.25 0.128 0.0 (0.0)
LAB*LAB 82.0 -0.44 -7.31
LAB*LAB 82.0 0.27 -11.17
LAB*TCMa 97.5 11.18 271.39

standard and adapted CIELAB
LAB*LAB 82.0 -0.44 -7.31
LAB*LAB 82.0 0.27 -11.17
LAB*TCMa 97.5 11.18 271.39

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)
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 3.44
LAB*TCMa 75.0 0.01

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)
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 3.44
LAB*TCMa 75.0 0.01

standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 3.44
LAB*TCMa 75.0 0.01

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)
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 2.14
LAB*TCMa 50.0 0.01

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)
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 2.14
LAB*TCMa 50.0 0.01

standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 2.14
LAB*TCMa 50.0 0.01

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)
LAB*LAB 48.21 -0.27 2.47
LAB*LAB 48.21 0.0 2.47
LAB*TCMa 50.0 0.01

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)
LAB*LAB 48.21 -0.27 2.47
LAB*LAB 48.21 0.0 2.47
LAB*TCMa 50.0 0.01

standard and adapted CIELAB
LAB*LAB 48.21 -0.27 2.47
LAB*LAB 48.21 0.0 2.47
LAB*TCMa 50.0 0.01

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)
LAB*LAB 37.36 -0.07 0.63
LAB*LAB 37.36 0.0 0.63
LAB*TCMa 25.0 0.01

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)
LAB*LAB 37.36 -0.07 0.63
LAB*LAB 37.36 0.0 0.63
LAB*TCMa 25.0 0.01

standard and adapted CIELAB
LAB*LAB 37.36 -0.07 0.63
LAB*LAB 37.36 0.0 0.63
LAB*TCMa 25.0 0.01

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)
LAB*LAB 29.9 0.55 -22.35
LAB*LAB 29.9 0.55 -22.35
LAB*TCMa 25.01 22.36 271.41

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)
LAB*LAB 29.9 0.55 -22.35
LAB*LAB 29.9 0.55 -22.35
LAB*TCMa 25.01 22.36 271.41

standard and adapted CIELAB
LAB*LAB 29.9 0.55 -22.35
LAB*LAB 29.9 0.55 -22.35
LAB*TCMa 25.01 22.36 271.41

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)
LAB*LAB 23.96 0.28 -11.23
LAB*LAB 23.96 0.28 -11.23
LAB*TCMa 12.1 11.18 271.42

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)
LAB*LAB 23.96 0.28 -11.23
LAB*LAB 23.96 0.28 -11.23
LAB*TCMa 12.1 11.18 271.42

standard and adapted CIELAB
LAB*LAB 23.96 0.28 -11.23
LAB*LAB 23.96 0.28 -11.23
LAB*TCMa 12.1 11.18 271.42

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
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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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
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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)
LAB*LAB 18.02 0.0 0.46
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LAB*TCMa 0.01 0.01

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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)
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LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
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LAB*TCMa 0.01 0.01

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)
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LAB*TCMa 0.01 0.01

standard and adapted CIELAB
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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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
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LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

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)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.46
LAB*TCMa 0.01 0.01

TG510-7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (rechts)

BAM-Prüfvorlage TG51; Farbmetrik-Systeme ORS18 & MRS18a

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen

Input: $olv^* setrgbcolor$
Output: $olv^* setrgbcolor / w^* setgray$