
Bunttöne output: *oly* setrgbcolor / w* setgray*

$$\frac{-8}{6}$$

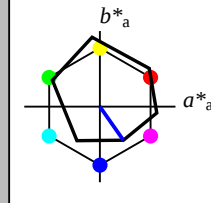
Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$

lab^*ch und lab^*nch

D65: Buntton V
LCH*Ma: 26 54 305
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 95.41 -0.97 4.75
LAB*LAB 95.41 0.0 0.0
LAB*LAB 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
lab*tr 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.75 0.0 0.0
lab*tc 0.75 0.0 0.0
lab*nc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 75.00 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
lab*tr 0.75 0.0 0.0
lab*tc 0.75 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Natural Colour (NC)
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.75 0.0 0.0
lab*tc 0.75 0.0 0.0
lab*nc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 50.00 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
lab*tr 0.5 0.0 0.0
lab*tc 0.5 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Natural Colour (NC)
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.5 0.0 0.0
lab*tc 0.5 0.0 0.0
lab*nc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 37.36 0.13 0.63
LAB*LAB 37.36 0.0 0.0
LAB*LAB 25.00 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
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Natural Colour (NC)
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 1.0 (1.0)
olvi4* 0.25 0.25 0.0 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 77.98 7.13 -7.51
LAB*LAB 77.98 7.77 -11.09
LAB*LAB 87.5 13.55 305.0

relative CIELAB lab*
lab*lab 0.75 0.143 -0.204
lab*ch 0.875 0.25 0.847
lab*nch 0.0 0.25 0.847
lab*tr 0.75 0.112 -0.222
lab*tc 0.875 0.25 0.824
lab*nc 0.0 0.25 0.824

standard and adapted CIELAB
LAB*LAB 60.56 15.24 -19.79
LAB*LAB 60.56 15.55 -22.2
LAB*LAB 75.0 27.11 305.0

relative CIELAB lab*
lab*lab 0.5 0.287 -0.408
lab*ch 0.75 0.5 0.847
lab*nch 0.0 0.5 0.847
lab*tr 0.5 0.225 -0.446
lab*tc 0.75 0.5 0.824
lab*nc 0.0 0.5 0.824

relative Natural Colour (NC)
lab*lab 0.5 0.287 -0.408
lab*ch 0.75 0.5 0.847
lab*nch 0.0 0.5 0.847
lab*tr 0.5 0.225 -0.446
lab*tc 0.75 0.5 0.824
lab*nc 0.0 0.5 0.824

standard and adapted CIELAB
LAB*LAB 43.14 23.35 -32.08
LAB*LAB 43.14 23.33 -33.31
LAB*LAB 62.5 40.67 305.0

relative CIELAB lab*
lab*lab 0.32 0.43 -0.613
lab*ch 0.625 0.75 0.847
lab*nch 0.0 0.75 0.847
lab*tr 0.32 0.37 -0.669
lab*tc 0.625 0.75 0.824
lab*nc 0.0 0.75 0.824

relative Natural Colour (NC)
lab*lab 0.32 0.43 -0.613
lab*ch 0.625 0.75 0.847
lab*nch 0.0 0.75 0.847
lab*tr 0.32 0.37 -0.669
lab*tc 0.625 0.75 0.824
lab*nc 0.0 0.75 0.824

standard and adapted CIELAB
LAB*LAB 25.72 31.46 -44.36
LAB*LAB 25.72 31.1 -44.41
LAB*LAB 50.0 54.23 305.0

relative CIELAB lab*
lab*lab 0.1 0.573 -0.818
lab*ch 0.5 1.0 0.847
lab*nch 0.0 1.0 0.847
lab*tr 0.1 0.449 -0.892
lab*tc 0.5 1.0 0.824
lab*nc 0.0 1.0 0.824

relative Natural Colour (NC)
lab*lab 0.1 0.573 -0.818
lab*ch 0.5 1.0 0.847
lab*nch 0.0 1.0 0.847
lab*tr 0.1 0.449 -0.892
lab*tc 0.5 1.0 0.824
lab*nc 0.0 1.0 0.824

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	50.59	-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

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

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

%Umfang

$u^*_{rel} = 93$

%Regelung

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

$n^* = 3.25$

$n^* = 3.50$

$n^* = 3.75$

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$n^* = 4.25$

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$n^* = 5.00$

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$n^* = 8.25$

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$n^* = 8.75$

$n^* = 9.00$

$n^* = 9.25$

$n^* = 9.50$

$n^* = 9.75$

$n^* = 10.00$

$n^* = 10.25$

$n^* = 10.50$

$n^* = 10.75$

$n^* = 11.00$

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$n^* = 35.75$

$n^* = 36.00$

$n^* = 36.25$

$n^* = 36.50$

$n^* = 36.75$

$n^* = 37.00$

$n^* = 37.25$

$n^* = 37.50$

$n^* = 37.75$

$n^* = 38.00$

$n^* = 38.25$

$n^* = 38.50$

$n^* = 38.$

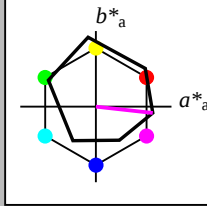
Eingabe: Farbmetrisches Reflexions-System ORS18

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

lab^*ich 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*LAB 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.75 1.0 (1.0)
cmyn3* 0.0 0.25 0.0 (0.0)
olvi4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 83.59 18.06 1.87
LAB*LAB 83.59 18.81 -2.08
LAB*TCHa 87.5 18.92 353.66

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*LAB 76.06 0.0 0.0
LAB*TCHa 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.5 0.25 (0.0)
olvi4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 64.24 18.82 2.08
LAB*LAB 64.24 18.43 0.56
LAB*LAB 64.24 18.82 2.08
LAB*TCHa 62.5 18.93 353.66

relative Inform. Technology (IT)
olvi3* 0.75 0.25 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*LAB 56.71 0.0 0.0
LAB*TCHa 50.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.5 (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*LAB 56.71 0.0 0.0
LAB*TCHa 50.0 0.01 -

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*LAB 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.5 (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*LAB 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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
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

%Regelartit

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

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

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*LAB 71.77 37.63 -1.17
LAB*TCHa 75.0 37.86 353.66

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 59.95 56.14 -3.9
LAB*LAB 59.95 56.14 -3.9
LAB*TCHa 62.5 56.79 353.66

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.42 37.63 -1.17
LAB*LAB 52.42 37.63 -1.17
LAB*TCHa 50.0 37.86 353.66

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.5 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.42 37.63 -1.17
LAB*LAB 52.42 37.63 -1.17
LAB*TCHa 50.0 37.86 353.66

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 48.14 75.18 -6.78
LAB*LAB 48.14 75.18 -6.78
LAB*TCHa 50.0 75.71 353.66

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 48.14 75.18 -6.78
LAB*LAB 48.14 75.18 -6.78
LAB*TCHa 50.0 75.71 353.66

relative Inform. Technology (IT)
olvi3* 0.5 0.25 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.14 75.18 -6.78
LAB*LAB 48.14 75.18 -6.78
LAB*TCHa 50.0 75.71 353.66

relative Inform. Technology (IT)
olvi3* 0.5 0.25 0.5 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.14 75.18 -6.78
LAB*LAB 48.14 75.18 -6.78
LAB*TCHa 50.0 75.71 353.66

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*LAB 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.5 (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*LAB 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

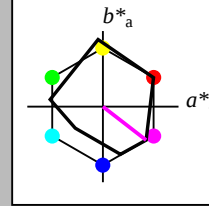
Ausgabe: Farbmetrisches Reflexions-System MRS18

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

lab^*tch und lab^*nch

D65: Buntton B50R
LCH*Ma: 35 72 322
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*LAB 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.75 1.0 (1.0)
cmyn3* 0.0 0.25 0.0 (0.0)
olvi4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 80.29 13.6 -7.31
LAB*LAB 80.29 14.29 -11.06
LAB*TCHa 87.5 18.07 322.25

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*LAB 76.06 0.0 0.0
LAB*TCHa 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.5 0.25 (0.0)
olvi4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 60.94 13.97 -8.62
LAB*LAB 60.94 14.29 -11.06
LAB*TCHa 62.5 18.08 322.25

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*TCHa 50.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.5 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*TCHa 50.0 0.01 -

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 48.14 75.18 -6.78
LAB*LAB 48.14 75.18 -6.78
LAB*TCHa 50.0 75.71 353.66

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 48.14 75.18 -6.78
LAB*LAB 48.14 75.18 -6.78
LAB*TCHa 50.0 75.71 353.66

relative Inform. Technology (IT)
olvi3* 0.5 0.25 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.14 75.18 -6.78
LAB*LAB 48.14 75.18 -6.78
LAB*TCHa 50.0 75.71 353.66

relative Inform. Technology (IT)
olvi3* 0.5 0.25 0.5 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.14 75.18 -6.78
LAB*LAB 48.14 75.18 -6.78
LAB*TCHa 50.0 75.71 353.66

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*LAB 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.5 (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*LAB 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

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*LAB 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

MRS18; adaptierte CIELAB-Daten

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

RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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

%Regelartit

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

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

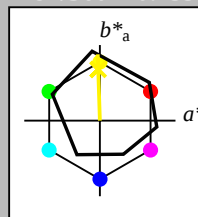
Eingabe: Farbmetrisches Reflexions-System ORS18

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

standard and adapted CIELAB

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

LAB*Lab 95.41 -0.97 4.75

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	50.59	-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 0.975 0.75 (1.0)
olvi4* 1.0 0.975 0.75 (1.0)
olvi5* 1.0 0.975 0.75 (1.0)
olvi6* 1.0 0.975 0.75 (1.0)
olvi7* 1.0 0.975 0.75 (1.0)
olvi8* 1.0 0.975 0.75 (1.0)
olvi9* 1.0 0.975 0.75 (1.0)
olvi10* 1.0 0.975 0.75 (1.0)
olvi11* 1.0 0.975 0.75 (1.0)
olvi12* 1.0 0.975 0.75 (1.0)
olvi13* 1.0 0.975 0.75 (1.0)
olvi14* 1.0 0.975 0.75 (1.0)
olvi15* 1.0 0.975 0.75 (1.0)
olvi16* 1.0 0.975 0.75 (1.0)
olvi17* 1.0 0.975 0.75 (1.0)
olvi18* 1.0 0.975 0.75 (1.0)
olvi19* 1.0 0.975 0.75 (1.0)
olvi20* 1.0 0.975 0.75 (1.0)
olvi21* 1.0 0.975 0.75 (1.0)
olvi22* 1.0 0.975 0.75 (1.0)
olvi23* 1.0 0.975 0.75 (1.0)
olvi24* 1.0 0.975 0.75 (1.0)
olvi25* 1.0 0.975 0.75 (1.0)
olvi26* 1.0 0.975 0.75 (1.0)
olvi27* 1.0 0.975 0.75 (1.0)
olvi28* 1.0 0.975 0.75 (1.0)
olvi29* 1.0 0.975 0.75 (1.0)
olvi30* 1.0 0.975 0.75 (1.0)
olvi31* 1.0 0.975 0.75 (1.0)
olvi32* 1.0 0.975 0.75 (1.0)
olvi33* 1.0 0.975 0.75 (1.0)
olvi34* 1.0 0.975 0.75 (1.0)
olvi35* 1.0 0.975 0.75 (1.0)
olvi36* 1.0 0.975 0.75 (1.0)
olvi37* 1.0 0.975 0.75 (1.0)
olvi38* 1.0 0.975 0.75 (1.0)
olvi39* 1.0 0.975 0.75 (1.0)
olvi40* 1.0 0.975 0.75 (1.0)
olvi41* 1.0 0.975 0.75 (1.0)
olvi42* 1.0 0.975 0.75 (1.0)
olvi43* 1.0 0.975 0.75 (1.0)
olvi44* 1.0 0.975 0.75 (1.0)
olvi45* 1.0 0.975 0.75 (1.0)
olvi46* 1.0 0.975 0.75 (1.0)
olvi47* 1.0 0.975 0.75 (1.0)
olvi48* 1.0 0.975 0.75 (1.0)
olvi49* 1.0 0.975 0.75 (1.0)
olvi50* 1.0 0.975 0.75 (1.0)
olvi51* 1.0 0.975 0.75 (1.0)
olvi52* 1.0 0.975 0.75 (1.0)
olvi53* 1.0 0.975 0.75 (1.0)
olvi54* 1.0 0.975 0.75 (1.0)
olvi55* 1.0 0.975 0.75 (1.0)
olvi56* 1.0 0.975 0.75 (1.0)
olvi57* 1.0 0.975 0.75 (1.0)
olvi58* 1.0 0.975 0.75 (1.0)
olvi59* 1.0 0.975 0.75 (1.0)
olvi60* 1.0 0.975 0.75 (1.0)
olvi61* 1.0 0.975 0.75 (1.0)
olvi62* 1.0 0.975 0.75 (1.0)
olvi63* 1.0 0.975 0.75 (1.0)
olvi64* 1.0 0.975 0.75 (1.0)
olvi65* 1.0 0.975 0.75 (1.0)
olvi66* 1.0 0.975 0.75 (1.0)
olvi67* 1.0 0.975 0.75 (1.0)
olvi68* 1.0 0.975 0.75 (1.0)
olvi69* 1.0 0.975 0.75 (1.0)
olvi70* 1.0 0.975 0.75 (1.0)
olvi71* 1.0 0.975 0.75 (1.0)
olvi72* 1.0 0.975 0.75 (1.0)
olvi73* 1.0 0.975 0.75 (1.0)
olvi74* 1.0 0.975 0.75 (1.0)
olvi75* 1.0 0.975 0.75 (1.0)
olvi76* 1.0 0.975 0.75 (1.0)
olvi77* 1.0 0.975 0.75 (1.0)
olvi78* 1.0 0.975 0.75 (1.0)
olvi79* 1.0 0.975 0.75 (1.0)
olvi80* 1.0 0.975 0.75 (1.0)
olvi81* 1.0 0.975 0.75 (1.0)
olvi82* 1.0 0.975 0.75 (1.0)
olvi83* 1.0 0.975 0.75 (1.0)
olvi84* 1.0 0.975 0.75 (1.0)
olvi85* 1.0 0.975 0.75 (1.0)
olvi86* 1.0 0.975 0.75 (1.0)
olvi87* 1.0 0.975 0.75 (1.0)
olvi88* 1.0 0.975 0.75 (1.0)
olvi89* 1.0 0.975 0.75 (1.0)
olvi90* 1.0 0.975 0.75 (1.0)
olvi91* 1.0 0.975 0.75 (1.0)
olvi92* 1.0 0.975 0.75 (1.0)
olvi93* 1.0 0.975 0.75 (1.0)
olvi94* 1.0 0.975 0.75 (1.0)
olvi95* 1.0 0.975 0.75 (1.0)
olvi96* 1.0 0.975 0.75 (1.0)
olvi97* 1.0 0.975 0.75 (1.0)
olvi98* 1.0 0.975 0.75 (1.0)
olvi99* 1.0 0.975 0.75 (1.0)
olvi100* 1.0 0.975 0.75 (1.0)

standard and adapted CIELAB

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

LAB*Lab 90.8 -1.41 43.85

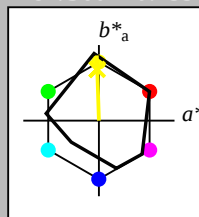
Ausgabe: Farbmetrisches Reflexions-System MRS18

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^*



relative Inform. Technology (IT)

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

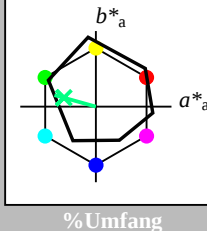
Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$

lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 53 57 164
rgb*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 1.0 0.812 (1.0)
olvi4* 0.25 0.0 0.188 (0.0)
olvi5* 1.0 1.0 0.812 (1.0)
olvi6* 0.25 0.0 0.188 (0.0)
olvi7* 0.25 0.0 0.188 (0.0)
standard and adapted CIELAB
LAB*LAB 84.75 -14.46 7.85
LAB*LAB 84.75 -13.69 3.81
LAB*LAB 84.75 -14.22 16.46

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.22 -16.22 19.19
LAB*LAB 66.22 0.0 0.0
LAB*LAB 66.22 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -23.21 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 46.06 -13.73 5.24
LAB*LAB 46.06 -13.69 3.81
LAB*LAB 46.06 -14.22 16.46

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -3.36 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 27.52 -15.8 4.39
LAB*LAB 27.52 0.0 0.0
LAB*LAB 27.52 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 9.01 0.01
LAB*LAB 9.01 0.01
LAB*LAB 9.01 0.01

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0
LAB*LAB 0.0 0.0
LAB*LAB 0.0 0.0

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	50.59	-62.79	34.95	71.87	151
CLMa	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* 0.25 0.5 0.188 (1.0)
olvi4* 0.75 0.5 0.188 (0.0)
olvi5* 0.25 0.5 0.188 (1.0)
olvi6* 0.75 0.5 0.188 (0.0)
olvi7* 0.25 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 74.1 -27.96 10.94
LAB*LAB 74.1 -27.99 7.62
LAB*LAB 74.1 -28.44 16.46

relative Inform. Technology (IT)
olvi3* 0.25 0.5 0.188 (1.0)
olvi4* 0.75 0.5 0.188 (0.0)
olvi5* 0.25 0.5 0.188 (1.0)
olvi6* 0.75 0.5 0.188 (0.0)
olvi7* 0.25 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 63.45 -41.09 11.43
LAB*LAB 63.45 -41.09 11.43
LAB*LAB 63.45 -42.66 16.46

relative Inform. Technology (IT)
olvi3* 0.25 0.5 0.188 (1.0)
olvi4* 0.75 0.5 0.188 (0.0)
olvi5* 0.25 0.5 0.188 (1.0)
olvi6* 0.75 0.5 0.188 (0.0)
olvi7* 0.25 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 52.8 -54.79 15.24
LAB*LAB 52.8 -54.79 15.24
LAB*LAB 52.8 -56.88 16.46

relative Inform. Technology (IT)
olvi3* 0.25 0.5 0.188 (1.0)
olvi4* 0.75 0.5 0.188 (0.0)
olvi5* 0.25 0.5 0.188 (1.0)
olvi6* 0.75 0.5 0.188 (0.0)
olvi7* 0.25 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 44.11 -41.09 12.73
LAB*LAB 44.11 -41.09 12.73
LAB*LAB 44.11 -42.66 16.46

relative Inform. Technology (IT)
olvi3* 0.25 0.5 0.188 (1.0)
olvi4* 0.75 0.5 0.188 (0.0)
olvi5* 0.25 0.5 0.188 (1.0)
olvi6* 0.75 0.5 0.188 (0.0)
olvi7* 0.25 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 37.36 -3.36 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.5 0.188 (1.0)
olvi4* 0.75 0.5 0.188 (0.0)
olvi5* 0.25 0.5 0.188 (1.0)
olvi6* 0.75 0.5 0.188 (0.0)
olvi7* 0.25 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 27.52 -15.8 4.39
LAB*LAB 27.52 0.0 0.0
LAB*LAB 27.52 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.5 0.188 (1.0)
olvi4* 0.75 0.5 0.188 (0.0)
olvi5* 0.25 0.5 0.188 (1.0)
olvi6* 0.75 0.5 0.188 (0.0)
olvi7* 0.25 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.5 0.188 (1.0)
olvi4* 0.75 0.5 0.188 (0.0)
olvi5* 0.25 0.5 0.188 (1.0)
olvi6* 0.75 0.5 0.188 (0.0)
olvi7* 0.25 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 9.01 0.01
LAB*LAB 9.01 0.01
LAB*LAB 9.01 0.01

relative Inform. Technology (IT)
olvi3* 0.25 0.5 0.188 (1.0)
olvi4* 0.75 0.5 0.188 (0.0)
olvi5* 0.25 0.5 0.188 (1.0)
olvi6* 0.75 0.5 0.188 (0.0)
olvi7* 0.25 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0
LAB*LAB 0.0 0.0
LAB*LAB 0.0 0.0

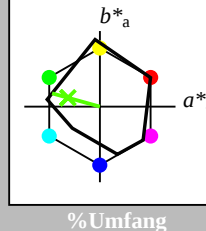
Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$

lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 56 66 164
rgb*Ma: 0.1 1.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 1.0 0.75 (1.0)
olvi4* 0.25 0.0 0.188 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.0 0.188 (0.0)
olvi7* 0.25 0.0 0.188 (0.0)
standard and adapted CIELAB
LAB*LAB 84.75 -14.46 7.85
LAB*LAB 84.75 -13.69 3.81
LAB*LAB 84.75 -14.22 16.46

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.22 -16.22 19.19
LAB*LAB 66.22 0.0 0.0
LAB*LAB 66.22 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -23.21 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 46.06 -13.73 5.24
LAB*LAB 46.06 -13.69 3.81
LAB*LAB 46.06 -14.22 16.46

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 0.75 (1.0)
olvi6* 0.25 0.25 0.25 (0.0)
olvi7* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -3.36 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 0.0

MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

relative Inform. Technology (IT)
olvi3* 0.327 0.5 0.188 (1.0)
olvi4* 0.673 0.5 0.188 (0.0)
olvi5* 0.327 0.5 0.188 (1.0)
olvi6* 0.673 0.5 0.188 (0.0)
olvi7* 0.327 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 65.9 -47.82 15.96
LAB*LAB 65.9 -47.82 15.96
LAB*LAB 65.9 -49.22 16.46

relative Inform. Technology (IT)
olvi3* 0.327 0.5 0.188 (1.0)
olvi4* 0.673 0.5 0.188 (0.0)
olvi5* 0.327 0.5 0.188 (1.0)
olvi6* 0.673 0.5 0.188 (0.0)
olvi7* 0.327 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 56.07 -63.21 17.98
LAB*LAB 56.07 -63.21 17.98
LAB*LAB 56.07 -65.62 16.46

relative Inform. Technology (IT)
olvi3* 0.327 0.5 0.188 (1.0)
olvi4* 0.673 0.5 0.188 (0.0)
olvi5* 0.327 0.5 0.188 (1.0)
olvi6* 0.673 0.5 0.188 (0.0)
olvi7* 0.327 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 46.52 -47.41 14.18
LAB*LAB 46.52 -47.41 14.18
LAB*LAB 46.52 -49.22 16.46

relative Inform. Technology (IT)
olvi3* 0.327 0.5 0.188 (1.0)
olvi4* 0.673 0.5 0.188 (0.0)
olvi5* 0.327 0.5 0.188 (1.0)
olvi6* 0.673 0.5 0.188 (0.0)
olvi7* 0.327 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 37.51 -49.22 16.46
LAB*LAB 37.51 -49.22 16.46
LAB*LAB 37.51 -51.62 16.46

relative Inform. Technology (IT)
olvi3* 0.327 0.5 0.188 (1.0)
olvi4* 0.673 0.5 0.188 (0.0)
olvi5* 0.327 0.5 0.188 (1.0)
olvi6* 0.673 0.5 0.188 (0.0)
olvi7* 0.327 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 27.52 -15.8 4.39
LAB*LAB 27.52 0.0 0.0
LAB*LAB 27.52 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.327 0.5 0.188 (1.0)
olvi4* 0.673 0.5 0.188 (0.0)
olvi5* 0.327 0.5 0.188 (1.0)
olvi6* 0.673 0.5 0.188 (0.0)
olvi7* 0.327 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.327 0.5 0.188 (1.0)
olvi4* 0.673 0.5 0.188 (0.0)
olvi5* 0.327 0.5 0.188 (1.0)
olvi6* 0.673 0.5 0.188 (0.0)
olvi7* 0.327 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 9.01 0.01
LAB*LAB 9.01 0.01
LAB*LAB 9.01 0.01

relative Inform. Technology (IT)
olvi3* 0.327 0.5 0.188 (1.0)
olvi4* 0.673 0.5 0.188 (0.0)
olvi5* 0.327 0.5 0.188 (1.0)
olvi6* 0.673 0.5 0.188 (0.0)
olvi7* 0.327 0.5 0.188 (1.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0
LAB*LAB 0.0 0.0
LAB*LAB 0.0 0.0

BAM-Prüfvorlage TG50; Farbmetrik-Systeme ORS18 & MRS18input: $olv^*setrgbcolor$
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: $olv^*setrgbcolor / w^*setrgb$

TG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

BAM-Prüfvorlage TG50; Farbmetrik-Systeme ORS18 & MRS18input: $olv^*setrgbcolor$

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: $olv^*setrgbcolor / w^*setrgb$

