

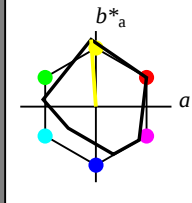
Eingabe: Farbmetrisches Reflexions-System MRS18

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)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 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)
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 3.44
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.985 -0.017 0.249
lab*ch 0.875 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.985 -0.017 0.25
lab*trc 0.875 0.25 0.261
lab*ncc 0.0 0.25 0.261

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 2.14
LAB*LABb 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.625 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (1.0)
lab*trc 0.625 0.25 0.261
lab*ncc 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
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 -0.36 0.63
LAB*LABa 37.36 0.0 0.63
LAB*LABb 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.485 -0.053 0.748
lab*ch 0.375 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.485 -0.053 0.748
lab*trc 0.375 0.25 0.261
lab*ncc 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
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*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.235 -0.017 0.249
lab*ch 0.125 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.235 -0.017 0.25
lab*trc 0.125 0.25 0.261
lab*ncc 0.0 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (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 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.235 -0.017 0.249
lab*ch 0.125 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.235 -0.017 0.25
lab*trc 0.125 0.25 0.261
lab*ncc 0.0 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.235 -0.017 0.249
lab*ch 0.125 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.235 -0.017 0.25
lab*trc 0.125 0.25 0.261
lab*ncc 0.0 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.235 -0.017 0.249
lab*ch 0.125 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.235 -0.017 0.25
lab*trc 0.125 0.25 0.261
lab*ncc 0.0 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.235 -0.017 0.249
lab*ch 0.125 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.235 -0.017 0.25
lab*trc 0.125 0.25 0.261
lab*ncc 0.0 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.235 -0.017 0.249
lab*ch 0.125 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.235 -0.017 0.25
lab*trc 0.125 0.25 0.261
lab*ncc 0.0 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.235 -0.017 0.249
lab*ch 0.125 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.235 -0.017 0.25
lab*trc 0.125 0.25 0.261
lab*ncc 0.0 0.25 0.261

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* 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 93.05 -4.11 48.97
LAB*LABa 93.05 -3.17 44.37
LAB*LABb 97.5 22.24 94.1

relative CIELAB lab*
lab*lab 0.989 -0.035 0.499
lab*ch 0.75 0.5 0.261
lab*nch 0.0 0.5 0.261
relative Natural Colour (NC)
lab*trj 0.989 -0.035 0.499
lab*trc 0.75 0.5 0.261
lab*ncc 0.0 0.5 0.261

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 91.87 -5.68 71.07
LAB*LABa 91.87 -4.77 66.55
LAB*LABb 96.25 66.73 94.1

relative CIELAB lab*
lab*lab 0.954 -0.053 0.748
lab*ch 0.625 0.75 0.261
lab*nch 0.0 0.75 0.261
relative Natural Colour (NC)
lab*trj 0.954 -0.053 0.748
lab*trc 0.625 0.75 0.261
lab*ncc 0.0 0.75 0.261

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 90.69 -7.25 93.17
LAB*LABa 90.69 -6.36 88.73
LAB*LABb 94.1 88.96 94.1

relative CIELAB lab*
lab*lab 0.939 -0.071 0.997
lab*ch 0.5 0.5 0.261
lab*nch 0.0 0.5 0.261
relative Natural Colour (NC)
lab*trj 0.939 -0.071 0.999
lab*trc 0.5 0.5 0.261
lab*ncc 0.0 0.5 0.261

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 72.53 -5.31 69.77
LAB*LABa 72.53 -4.77 66.55
LAB*LABb 97.51 66.73 94.1

relative CIELAB lab*
lab*lab 0.704 -0.053 0.748
lab*ch 0.375 0.75 0.261
lab*nch 0.25 0.75 0.261
relative Natural Colour (NC)
lab*trj 0.704 -0.053 0.748
lab*trc 0.375 0.75 0.261
lab*ncc 0.25 0.75 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (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 54.35 -3.17 44.38
LAB*LABa 54.35 0.0 44.38
LAB*LABb 50.0 44.38 94.1

relative CIELAB lab*
lab*lab 0.47 -0.035 0.499
lab*ch 0.25 0.5 0.261
lab*nch 0.0 0.5 0.261
relative Natural Colour (NC)
lab*trj 0.47 -0.035 0.499
lab*trc 0.25 0.5 0.261
lab*ncc 0.0 0.5 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 44.38 -1.8 24.26
LAB*LABa 44.38 -1.8 24.26
LAB*LABb 37.5 22.24 94.1

relative CIELAB lab*
lab*lab 0.485 -0.053 0.748
lab*ch 0.375 0.25 0.261
lab*nch 0.25 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.485 -0.053 0.748
lab*trc 0.375 0.25 0.261
lab*ncc 0.25 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 36.16 -4.3 22.94
LAB*LABa 36.16 -1.58 22.18
LAB*LABb 12.5 22.24 94.1

relative CIELAB lab*
lab*lab 0.235 -0.017 0.249
lab*ch 0.125 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.235 -0.017 0.25
lab*trc 0.125 0.25 0.261
lab*ncc 0.0 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.235 -0.017 0.249
lab*ch 0.125 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.235 -0.017 0.25
lab*trc 0.125 0.25 0.261
lab*ncc 0.0 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.235 -0.017 0.249
lab*ch 0.125 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.235 -0.017 0.25
lab*trc 0.125 0.25 0.261
lab*ncc 0.0 0.25 0.261

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.235 -0.017 0.249
lab*ch 0.125 0.25 0.261
lab*nch 0.0 0.25 0.261
relative Natural Colour (NC)
lab*trj 0.235 -0.017 0.25
lab*trc 0.125 0.25 0.261
lab*ncc 0.0 0.25 0.261

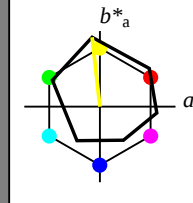
Ausgabe: Farbmetrisches Reflexions-System ORS18

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^*



$u^*_{rel} = 93$

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*LABb 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)
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 3.44
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.984 -0.027 0.248
lab*ch 0.875 0.25 0.268
lab*nch 0.0 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.984 -0.027 0.249
lab*trc 0.875 0.25 0.268
lab*ncc 0.0 0.25 0.268

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 2.14
LAB*LABb 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.734 -0.022 0.248
lab*ch 0.625 0.25 0.268
lab*nch 0.25 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.734 -0.022 0.249
lab*trc 0.625 0.25 0.268
lab*ncc 0.25 0.25 0.268

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
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 -0.36 0.63
LAB*LABa 37.36 0.0 0.63
LAB*LABb 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.484 -0.027 0.248
lab*ch 0.375 0.25 0.268
lab*nch 0.25 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.484 -0.027 0.249
lab*trc 0.375 0.25 0.268
lab*ncc 0.25 0.25 0.268

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (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 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.234 -0.022 0.248
lab*ch 0.125 0.25 0.268
lab*nch 0.0 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.234 -0.022 0.249
lab*trc 0.125 0.25 0.268
lab*ncc 0.0 0.25 0.268

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.234 -0.022 0.248
lab*ch 0.125 0.25 0.268
lab*nch 0.0 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.234 -0.022 0.249
lab*trc 0.125 0.25 0.268
lab*ncc 0.0 0.25 0.268

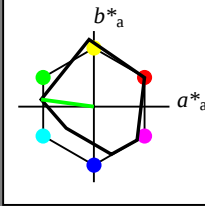
Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 172/360 = 0.479$

lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 52 70 172
rgb*Ma: 0.0 1.0 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)
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 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*TCHa 75.0 0.01 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)
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*TCHa 50.0 0.01 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)
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 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
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 -0.83 0.83
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 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)
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* 0.0 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 0.46 0.46
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 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* 0.0 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 0.46 0.46
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 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* 0.75 1.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olvi4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 84.58 -18.19 6.39
LAB*LABa 84.58 -17.42 2.36
LAB*TCHa 97.5 17.59 172.29

relative CIELAB lab*
lab*lab 0.86 -0.247 0.034
lab*ch 0.875 0.25 0.479
lab*nch 0.0 0.25 0.479
relative Natural Colour (NC)
lab*trj 0.86 -0.247 -0.028
lab*trc 0.875 0.25 0.518
lab*ncc 0.0 0.25 0.676

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.75 1.0 0.75 (0.75)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 65.23 -17.83 5.08
LAB*LABa 65.23 -17.42 2.36
LAB*TCHa 62.5 17.59 172.29

relative CIELAB lab*
lab*lab 0.61 -0.247 -0.028
lab*ch 0.625 0.25 0.518
lab*nch 0.0 0.25 0.518
relative Natural Colour (NC)
lab*trj 0.61 -0.247 -0.028
lab*trc 0.625 0.25 0.518
lab*ncc 0.0 0.25 0.676

relative Inform. Technology (IT)
olvi3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.75 0.5 0.75 (0.0)
olvi4* 0.75 1.0 0.75 (0.5)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 45.88 -17.46 3.78
LAB*LABa 45.88 -17.42 2.36
LAB*TCHa 37.5 17.59 172.29

relative CIELAB lab*
lab*lab 0.36 -0.247 0.034
lab*ch 0.375 0.25 0.479
lab*nch 0.0 0.25 0.479
relative Natural Colour (NC)
lab*trj 0.36 -0.247 -0.028
lab*trc 0.375 0.25 0.518
lab*ncc 0.0 0.25 0.676

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.0 (1.0)
cmyn3* 1.0 0.5 1.0 (0.0)
olvi4* 0.5 1.0 0.5 (0.5)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 35.06 -34.67 5.41
LAB*LABa 35.06 -34.85 4.72
LAB*TCHa 25.01 35.18 172.29

relative CIELAB lab*
lab*lab 0.22 -0.494 0.067
lab*ch 0.25 0.5 0.479
lab*nch 0.0 0.5 0.479
relative Natural Colour (NC)
lab*trj 0.22 -0.494 -0.056
lab*trc 0.25 0.5 0.518
lab*ncc 0.0 0.5 0.676

relative Inform. Technology (IT)
olvi3* 0.11 -0.247 0.034
lab*ch 0.125 0.25 0.479
lab*nch 0.0 0.25 0.479
relative Natural Colour (NC)
lab*trj 0.11 -0.247 -0.028
lab*trc 0.125 0.25 0.518
lab*ncc 0.0 0.25 0.676

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 0.46 0.46
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 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

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* 0.25 1.0 0.25 (1.0)
cmyn3* 0.75 0.0 0.75 (0.0)
olvi4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.75 0.0 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 62.93 -52.64 9.65
LAB*LABa 62.93 -52.28 7.08
LAB*TCHa 62.5 52.77 172.29

relative CIELAB lab*
lab*lab 0.58 -0.742 0.101
lab*ch 0.625 0.75 0.479
lab*nch 0.0 0.75 0.479
relative Natural Colour (NC)
lab*trj 0.58 -0.742 -0.085
lab*trc 0.625 0.75 0.518
lab*ncc 0.0 0.75 0.676

relative Inform. Technology (IT)
olvi3* 0.0 0.75 0.0 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olvi4* 0.5 1.0 0.5 (0.5)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 54.41 -35.05 6.71
LAB*LABa 54.41 -34.86 4.72
LAB*TCHa 50.0 35.19 172.29

relative CIELAB lab*
lab*lab 0.47 -0.494 0.067
lab*ch 0.5 0.5 0.479
lab*nch 0.0 0.5 0.479
relative Natural Colour (NC)
lab*trj 0.47 -0.494 -0.056
lab*trc 0.5 0.5 0.518
lab*ncc 0.0 0.5 0.676

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.0 (1.0)
cmyn3* 1.0 0.5 1.0 (0.0)
olvi4* 0.5 1.0 0.5 (0.5)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 35.06 -34.67 5.41
LAB*LABa 35.06 -34.85 4.72
LAB*TCHa 25.01 35.18 172.29

relative CIELAB lab*
lab*lab 0.22 -0.494 0.067
lab*ch 0.25 0.5 0.479
lab*nch 0.0 0.5 0.479
relative Natural Colour (NC)
lab*trj 0.22 -0.494 -0.056
lab*trc 0.25 0.5 0.518
lab*ncc 0.0 0.5 0.676

relative Inform. Technology (IT)
olvi3* 0.11 -0.247 0.034
lab*ch 0.125 0.25 0.479
lab*nch 0.0 0.25 0.479
relative Natural Colour (NC)
lab*trj 0.11 -0.247 -0.028
lab*trc 0.125 0.25 0.518
lab*ncc 0.0 0.25 0.676

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 0.46 0.46
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

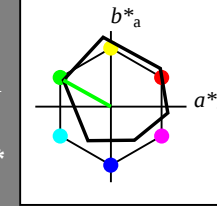
Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$

lab^*ch und lab^*nch

D65: Buntton L
LCH*Ma: 51 72 151
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

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 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 0.0 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 0.0

relative CIELAB lab*
lab*lab 0.86 -0.247 0.034
lab*ch 0.875 0.25 0.419
lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
lab*trj 0.86 -0.247 -0.028
lab*trc 0.875 0.25 0.453
lab*ncc 0.0 0.25 0.618

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 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)
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 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
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 -0.83 0.83
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.0 0.01 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)
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* 0.0 0.5 0.0 (1.0)
cmyn3* 0.75 0.5 0.75 (0.0)
olvi4* 0.5 1.0 0.5 (0.5)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 45.88 -17.46 3.78
LAB*LABa 45.88 -17.42 2.36
LAB*TCHa 37.5 17.59 172.29

relative CIELAB lab*
lab*lab 0.36 -0.247 0.034
lab*ch 0.375 0.25 0.419
lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
lab*trj 0.36 -0.247 -0.028
lab*trc 0.375 0.25 0.453
lab*ncc 0.0 0.25 0.581

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.0 (1.0)
cmyn3* 1.0 0.5 1.0 (0.0)
olvi4* 0.5 1.0 0.5 (0.5)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 35.06 -34.67 5.41
LAB*LABa 35.06 -34.85 4.72
LAB*TCHa 25.01 35.18 172.29

relative CIELAB lab*
lab*lab 0.22 -0.436 0.243
lab*ch 0.25 0.5 0.419
lab*nch 0.0 0.5 0.419
relative Natural Colour (NC)
lab*trj 0.22 -0.436 -0.028
lab*trc 0.25 0.5 0.453
lab*ncc 0.0 0.5 0.581

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

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
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
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* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5

BAM-Registrierung: 20060101-TG55/10S/S55G03NP.PS/.PDF BAM-Material: Code=rhata
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/TG55/ Pome: 4/10 Seite: 1/1 Seite: 4 Seitenzahl: 4

Siehe ähnliche Dateien: <http://www.ps.bam.de/TG55/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-1/G55/10S/555G04NP.ps./P.Df BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Saitenz blund 5

Eingabe: Farbmetrisches Reflexions-System MRS18

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

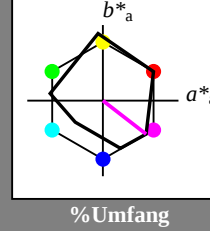
lab^*tch und lab^*nch

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)
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 Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*tch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	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
LAB*LABd	76.06	0.0	0.0
LAB*LABe	76.06	0.0	0.0
LAB*LABf	76.06	0.0	0.0
LAB*LABg	76.06	0.0	0.0
LAB*LABh	76.06	0.0	0.0
LAB*LABi	76.06	0.0	0.0
LAB*LABj	76.06	0.0	0.0
LAB*LABk	76.06	0.0	0.0
LAB*LABl	76.06	0.0	0.0
LAB*LABm	76.06	0.0	0.0
LAB*LABn	76.06	0.0	0.0
LAB*LABo	76.06	0.0	0.0
LAB*LABp	76.06	0.0	0.0
LAB*LABq	76.06	0.0	0.0
LAB*LABr	76.06	0.0	0.0
LAB*LABs	76.06	0.0	0.0
LAB*LABt	76.06	0.0	0.0
LAB*LABu	76.06	0.0	0.0
LAB*LABv	76.06	0.0	0.0
LAB*LABw	76.06	0.0	0.0
LAB*LABx	76.06	0.0	0.0
LAB*LABy	76.06	0.0	0.0
LAB*LABz	76.06	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*tch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	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
LAB*LABd	56.71	0.0	0.0
LAB*LABe	56.71	0.0	0.0
LAB*LABf	56.71	0.0	0.0
LAB*LABg	56.71	0.0	0.0
LAB*LABh	56.71	0.0	0.0
LAB*LABi	56.71	0.0	0.0
LAB*LABj	56.71	0.0	0.0
LAB*LABk	56.71	0.0	0.0
LAB*LABl	56.71	0.0	0.0
LAB*LABm	56.71	0.0	0.0
LAB*LABn	56.71	0.0	0.0
LAB*LABo	56.71	0.0	0.0
LAB*LABp	56.71	0.0	0.0
LAB*LABq	56.71	0.0	0.0
LAB*LABr	56.71	0.0	0.0
LAB*LABs	56.71	0.0	0.0
LAB*LABt	56.71	0.0	0.0
LAB*LABu	56.71	0.0	0.0
LAB*LABv	56.71	0.0	0.0
LAB*LABw	56.71	0.0	0.0
LAB*LABx	56.71	0.0	0.0
LAB*LABy	56.71	0.0	0.0
LAB*LABz	56.71	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*tch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	41.25	-0.14	-0.39
LAB*LABa	41.25	0.0	0.0
LAB*LABb	41.25	0.0	0.0
LAB*LABc	41.25	0.0	0.0
LAB*LABd	41.25	0.0	0.0
LAB*LABe	41.25	0.0	0.0
LAB*LABf	41.25	0.0	0.0
LAB*LABg	41.25	0.0	0.0
LAB*LABh	41.25	0.0	0.0
LAB*LABi	41.25	0.0	0.0
LAB*LABj	41.25	0.0	0.0
LAB*LABk	41.25	0.0	0.0
LAB*LABl	41.25	0.0	0.0
LAB*LABm	41.25	0.0	0.0
LAB*LABn	41.25	0.0	0.0
LAB*LABo	41.25	0.0	0.0
LAB*LABp	41.25	0.0	0.0
LAB*LABq	41.25	0.0	0.0
LAB*LABr	41.25	0.0	0.0
LAB*LABs	41.25	0.0	0.0
LAB*LABt	41.25	0.0	0.0
LAB*LABu	41.25	0.0	0.0
LAB*LABv	41.25	0.0	0.0
LAB*LABw	41.25	0.0	0.0
LAB*LABx	41.25	0.0	0.0
LAB*LABy	41.25	0.0	0.0
LAB*LABz	41.25	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*tch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	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*	1.0	0.5	1.0	(1.0)
olvi4*	0.0	0.5	0.5	(0.0)
olvi5*	0.0	0.5	0.5	(0.0)
olvi6*	0.0	0.5	0.5	(0.0)
olvi7*	0.0	0.5	0.5	(0.0)
olvi8*	0.0	0.5	0.5	(0.0)
olvi9*	0.0	0.5	0.5	(0.0)
olvi10*	0.0	0.5	0.5	(0.0)
olvi11*	0.0	0.5	0.5	(0.0)
olvi12*	0.0	0.5	0.5	(0.0)
olvi13*	0.0	0.5	0.5	(0.0)
olvi14*	0.0	0.5	0.5	(0.0)
olvi15*	0.0	0.5	0.5	(0.0)
olvi16*	0.0	0.5	0.5	(0.0)
olvi17*	0.0	0.5	0.5	(0.0)
olvi18*	0.0	0.5	0.5	(0.0)
olvi19*	0.0	0.5	0.5	(0.0)
olvi20*	0.0	0.5	0.5	(0.0)
olvi21*	0.0	0.5	0.5	(0.0)
olvi22*	0.0	0.5	0.5	(0.0)
olvi23*	0.0	0.5	0.5	(0.0)
olvi24*	0.0	0.5	0.5	(0.0)
olvi25*	0.0	0.5	0.5	(0.0)
olvi26*	0.0	0.5	0.5	(0.0)
olvi27*	0.0	0.5	0.5	(0.0)
olvi28*	0.0	0.5	0.5	(0.0)</

Eingabe: Farbmetrisches Reflexions-System MRS18

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

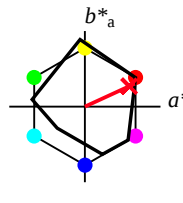
lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

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*tch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 0.0 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 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
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 CIELAB lab*
lab*lab 0.847 0.227 0.104
lab*tch 0.875 0.25 0.069
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*lab 0.847 0.25 0.0
lab*tch 0.875 0.25 0.0
lab*nch 0.0 0.25 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 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
olvi4* 0.75 0.75 0.75 (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 37.36 0.3 0.63
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 1.0 1.0 (0.0)
olvi5* 1.0 1.0 1.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0

$n^* = 1.0$

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* 1.0 0.5 0.548 (1.0)
olvi4* 0.0 0.5 0.548 (0.0)
olvi5* 1.0 0.5 0.548 (1.0)
olvi6* 0.0 0.5 0.548 (0.0)
olvi7* 0.0 0.5 0.548 (0.0)
LAB*LAB 83.6 15.74 11.55
LAB*LAB 83.6 16.5 7.59
LAB*LAB 83.6 16.5 7.59

relative CIELAB lab*
lab*lab 0.695 0.454 0.209
lab*tch 0.875 0.25 0.069
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*lab 0.695 0.454 0.0
lab*tch 0.875 0.25 0.0
lab*nch 0.0 0.25 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.258 (1.0)
olvi4* 0.25 0.75 0.702 (0.0)
olvi5* 1.0 0.5 0.548 (0.0)
olvi6* 0.0 0.5 0.548 (0.0)
olvi7* 0.0 0.5 0.548 (0.0)
LAB*LAB 60.0 49.2 25.13
LAB*LAB 60.0 49.2 25.13
LAB*LAB 60.0 49.2 25.13

relative CIELAB lab*
lab*lab 0.542 0.681 0.313
lab*tch 0.625 0.75 0.069
lab*nch 0.0 0.75 0.069
relative Natural Colour (NC)
lab*lab 0.542 0.681 0.0
lab*tch 0.625 0.75 0.0
lab*nch 0.0 0.75 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.0 0.073 (1.0)
olvi4* 0.25 0.0 0.903 (0.0)
olvi5* 1.0 0.0 0.903 (1.0)
olvi6* 0.0 0.0 0.903 (0.0)
olvi7* 0.0 0.0 0.903 (0.0)
LAB*LAB 48.21 65.92 31.93
LAB*LAB 48.21 65.92 31.93
LAB*LAB 48.21 65.92 31.93

relative CIELAB lab*
lab*lab 0.39 0.908 0.418
lab*tch 0.5 0.0 0.069
lab*nch 0.0 0.0 0.069
relative Natural Colour (NC)
lab*lab 0.39 0.908 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.083 (1.0)
olvi4* 0.0 0.5 0.548 (0.0)
olvi5* 1.0 0.0 0.903 (1.0)
olvi6* 0.0 0.5 0.548 (0.0)
olvi7* 0.0 0.5 0.548 (0.0)
LAB*LAB 33.11 32.21 15.74
LAB*LAB 33.11 32.21 15.74
LAB*LAB 33.11 32.21 15.74

relative CIELAB lab*
lab*lab 0.195 0.454 0.209
lab*tch 0.25 0.0 0.069
lab*nch 0.0 0.0 0.069
relative Natural Colour (NC)
lab*lab 0.195 0.454 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0

$n^* = 0.50$

$n^* = 0.00$

$n^* = 0.25$

Schwarzheit n^*

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

relative Buntheit c^*

$c^* = 0.00$

$c^* = 0.25$

$c^* = 0.50$

$c^* = 0.75$

$c^* = 1.0$

$c^* = 1.25$

$c^* = 1.50$

$c^* = 1.75$

$c^* = 2.00$

$c^* = 2.25$

$c^* = 2.50$

$c^* = 2.75$

$c^* = 3.00$

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

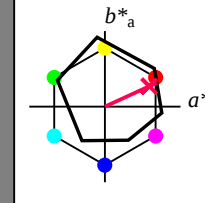
lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

rgb*Ma: 1.0 0.0 0.32

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*tch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 0.0 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 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
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 CIELAB lab*
lab*lab 0.847 0.227 0.104
lab*tch 0.875 0.25 0.069
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*lab 0.847 0.25 0.0
lab*tch 0.875 0.25 0.0
lab*nch 0.0 0.25 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.258 (1.0)
olvi4* 0.25 0.75 0.702 (0.0)
olvi5* 1.0 0.5 0.548 (0.0)
olvi6* 0.0 0.5 0.548 (0.0)
olvi7* 0.0 0.5 0.548 (0.0)
LAB*LAB 60.0 49.2 25.13
LAB*LAB 60.0 49.2 25.13
LAB*LAB 60.0 49.2 25.13

relative CIELAB lab*
lab*lab 0.542 0.681 0.313
lab*tch 0.625 0.75 0.069
lab*nch 0.0 0.75 0.069
relative Natural Colour (NC)
lab*lab 0.542 0.681 0.0
lab*tch 0.625 0.75 0.0
lab*nch 0.0 0.75 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.0 0.073 (1.0)
olvi4* 0.25 0.0 0.903 (0.0)
olvi5* 1.0 0.0 0.903 (1.0)
olvi6* 0.0 0.0 0.903 (0.0)
olvi7* 0.0 0.0 0.903 (0.0)
LAB*LAB 48.21 65.92 31.93
LAB*LAB 48.21 65.92 31.93
LAB*LAB 48.21 65.92 31.93

relative CIELAB lab*
lab*lab 0.39 0.908 0.418
lab*tch 0.5 0.0 0.069
lab*nch 0.0 0.0 0.069
relative Natural Colour (NC)
lab*lab 0.39 0.908 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.083 (1.0)
olvi4* 0.0 0.5 0.548 (0.0)
olvi5* 1.0 0.0 0.903 (1.0)
olvi6* 0.0 0.5 0.548 (0.0)
olvi7* 0.0 0.5 0.548 (0.0)
LAB*LAB 33.11 32.21 15.74
LAB*LAB 33.11 32.21 15.74
LAB*LAB 33.11 32.21 15.74

relative CIELAB lab*
lab*lab 0.195 0.454 0.209
lab*tch 0.25 0.0 0.069
lab*nch 0.0 0.0 0.069
relative Natural Colour (NC)
lab*lab 0.195 0.454 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

relative Buntheit c^*

$c^* = 0.00$

$c^* = 0.25$

$c^* = 0.50$

$c^* = 0.75$

$c^* = 1.0$

$c^* = 1.25$

$c^* = 1.50$

$c^* = 1.75$

$c^* = 2.00$

$c^* = 2.25$

$c^* = 2.50$

$c^* = 2.75$

$c^* = 3.00$

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	90.7	-10.27	91.77	92.34	96
LMa	50.9	-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* 1.0 0.5 0.548 (1.0)
olvi4* 0.0 0.5 0.548 (0.0)
olvi5* 1.0 0.5 0.548 (1.0)
olvi6* 0.0 0.5 0.548 (0.0)
olvi7* 0.0 0.5 0.548 (0.0)
LAB*LAB 83.6 15.74 11.55
LAB*LAB 83.6 16.5 7.59
LAB*LAB 83.6 16.5 7.59

relative CIELAB lab*
lab*lab 0.695 0.454 0.209
lab*tch 0.875 0.25 0.069
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*lab 0.695 0.454 0.0
lab*tch 0.875 0.25 0.0
lab*nch 0.0 0.25 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.25 0.258 (1.0)
olvi4* 0.25 0.75 0.702 (0.0)
olvi5* 1.0 0.5 0.548 (0.0)
olvi6* 0.0 0.5 0.548 (0.0)
olvi7* 0.0 0.5 0.548 (0.0)
LAB*LAB 60.0 49.2 25.13
LAB*LAB 60.0 49.2 25.13
LAB*LAB 60.0 49.2 25.13

relative CIELAB lab*
lab*lab 0.542 0.681 0.313
lab*tch 0.625 0.75 0.069
lab*nch 0.0 0.75 0.069
relative Natural Colour (NC)
lab*lab 0.542 0.681 0.0
lab*tch 0.625 0.75 0.0
lab*nch 0.0 0.75 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.0 0.073 (1.0)
olvi4* 0.25 0.0 0.903 (0.0)
olvi5* 1.0 0.0 0.903 (1.0)
olvi6* 0.0 0.0 0.903 (0.0)
olvi7* 0.0 0.0 0.903 (0.0)
LAB*LAB 48.21 65.92 31.93
LAB*LAB 48.21 65.92 31.93
LAB*LAB 48.21 65.92 31.93

relative CIELAB lab*
lab*lab 0.39 0.908 0.418
lab*tch 0.5 0.0 0.069
lab*nch 0.0 0.0 0.069
relative Natural Colour (NC)
lab*lab 0.39 0.908 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.083 (1.0)
olvi4* 0.0 0.5 0.548 (0.0)
olvi5* 1.0 0.0 0.903 (1.0)
olvi6* 0.0 0.5 0.548 (0.0)
olvi7* 0.0 0.5 0.548 (0.0)
LAB*LAB 33.11 32.21 15.74
LAB*LAB 33.11 32.21 15.74
LAB*LAB 33.11 32.21 15.74

relative CIELAB lab*
lab*lab 0.195 0.454 0.209
lab*tch 0.25 0.0 0.069
lab*nch 0.0 0.0 0.069
relative Natural Colour (NC)
lab*lab 0.195 0.454 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

relative Buntheit c^*

$c^* = 0.00$

$c^* = 0.25$

$c^* = 0.50$

$c^* = 0.75$

$c^* = 1.0$

$c^* = 1.25$

$c^* = 1.50$

$c^* = 1.75$

Eingabe: Farbmetrisches Reflexions-System MRS18

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

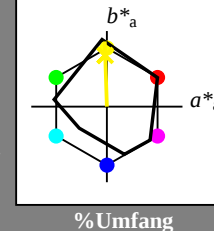
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 89 86 92

rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 91$

%Regularität

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

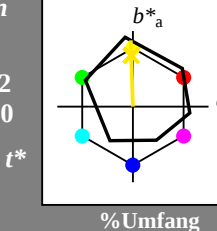
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 86 88 92

rgb*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 93$

%Regularität

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regularität

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

%Regulartät

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

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

TG55-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

BAM-Prüfvorlage TG55; Farbmetrik-Systeme MRS18 & ORS18input: $olv^* \ setrgbcolor$

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: no change compared to input

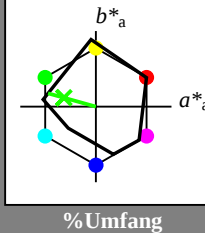
Eingabe: Farbmetrisches Reflexions-System MRS18

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)
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*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
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*LAB 76.06 0.0 0.0
LAB*LAB 75.00 0.01 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)
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*LAB 56.71 0.0 0.0
LAB*LAB 50.00 0.01 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)
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 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
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 -0.13 0.63
LAB*LAB 37.36 0.0 0.0
LAB*LAB 25.00 0.01 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)
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* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
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*LAB 0.01 0.01 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* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
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*LAB 0.01 0.01 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

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* 0.321 0.75 0.25 (1.0)
cmyn3* 0.679 0.0 0.0 (0.0)
olvi4* 0.321 0.75 0.25 (1.0)
cmyn4* 0.679 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 75.74 -32.2 12.22
LAB*LAB 75.74 -31.6 8.79
LAB*LAB 75.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.746 -0.481 0.134
lab*ch 0.746 -0.481 0.134
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.746 -0.481 0.134
lab*trc 0.746 -0.481 0.134
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.301 0.75 0.25 (1.0)
cmyn3* 0.699 0.0 0.0 (0.0)
olvi4* 0.301 0.75 0.25 (1.0)
cmyn4* 0.699 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.22 -16.22 7.19
LAB*LAB 66.22 -15.8 4.4
LAB*LAB 62.5 16.41 164.46

relative CIELAB lab*
lab*lab 0.619 -0.721 0.201
lab*ch 0.619 -0.721 0.201
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.619 -0.721 0.201
lab*trc 0.619 -0.721 0.201
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.277 0.75 0.0 (1.0)
cmyn3* 0.723 0.0 0.0 (0.0)
olvi4* 0.277 0.75 0.0 (1.0)
cmyn4* 0.723 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 50.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.482 -0.962 0.268
lab*ch 0.482 -0.962 0.268
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.482 -0.962 0.268
lab*trc 0.482 -0.962 0.268
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.969 0.0 0.0 (0.0)
olvi4* 0.031 0.5 0.0 (1.0)
cmyn4* 0.969 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.6
LAB*LAB 37.04 -31.47 9.6
LAB*LAB 25.01 32.81 164.46

relative CIELAB lab*
lab*lab 0.246 -0.481 0.134
lab*ch 0.246 -0.481 0.134
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.246 -0.481 0.134
lab*trc 0.246 -0.481 0.134
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.028 0.5 0.0 (1.0)
cmyn3* 0.972 0.0 0.0 (0.0)
olvi4* 0.028 0.5 0.0 (1.0)
cmyn4* 0.972 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.52 -15.8 4.39
LAB*LAB 27.52 -15.8 4.39
LAB*LAB 12.5 16.4 164.49

relative CIELAB lab*
lab*lab 0.123 -0.24 0.067
lab*ch 0.123 -0.24 0.067
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.123 -0.24 0.067
lab*trc 0.123 -0.24 0.067
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.321 0.75 0.25 (1.0)
cmyn3* 0.679 0.0 0.0 (0.0)
olvi4* 0.321 0.75 0.25 (1.0)
cmyn4* 0.679 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 75.74 -32.2 12.22
LAB*LAB 75.74 -31.6 8.79
LAB*LAB 75.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.746 -0.481 0.134
lab*ch 0.746 -0.481 0.134
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.746 -0.481 0.134
lab*trc 0.746 -0.481 0.134
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.301 0.75 0.25 (1.0)
cmyn3* 0.699 0.0 0.0 (0.0)
olvi4* 0.301 0.75 0.25 (1.0)
cmyn4* 0.699 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.22 -16.22 7.19
LAB*LAB 66.22 -15.8 4.4
LAB*LAB 62.5 16.41 164.46

relative CIELAB lab*
lab*lab 0.619 -0.721 0.201
lab*ch 0.619 -0.721 0.201
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.619 -0.721 0.201
lab*trc 0.619 -0.721 0.201
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.277 0.75 0.0 (1.0)
cmyn3* 0.723 0.0 0.0 (0.0)
olvi4* 0.277 0.75 0.0 (1.0)
cmyn4* 0.723 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 50.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.482 -0.962 0.268
lab*ch 0.482 -0.962 0.268
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.482 -0.962 0.268
lab*trc 0.482 -0.962 0.268
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.969 0.0 0.0 (0.0)
olvi4* 0.031 0.5 0.0 (1.0)
cmyn4* 0.969 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.6
LAB*LAB 37.04 -31.47 9.6
LAB*LAB 25.01 32.81 164.46

relative CIELAB lab*
lab*lab 0.246 -0.481 0.134
lab*ch 0.246 -0.481 0.134
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.246 -0.481 0.134
lab*trc 0.246 -0.481 0.134
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.028 0.5 0.0 (1.0)
cmyn3* 0.972 0.0 0.0 (0.0)
olvi4* 0.028 0.5 0.0 (1.0)
cmyn4* 0.972 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.52 -15.8 4.39
LAB*LAB 27.52 -15.8 4.39
LAB*LAB 12.5 16.4 164.49

relative CIELAB lab*
lab*lab 0.123 -0.24 0.067
lab*ch 0.123 -0.24 0.067
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.123 -0.24 0.067
lab*trc 0.123 -0.24 0.067
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.321 0.75 0.25 (1.0)
cmyn3* 0.679 0.0 0.0 (0.0)
olvi4* 0.321 0.75 0.25 (1.0)
cmyn4* 0.679 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 75.74 -32.2 12.22
LAB*LAB 75.74 -31.6 8.79
LAB*LAB 75.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.746 -0.481 0.134
lab*ch 0.746 -0.481 0.134
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.746 -0.481 0.134
lab*trc 0.746 -0.481 0.134
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.301 0.75 0.25 (1.0)
cmyn3* 0.699 0.0 0.0 (0.0)
olvi4* 0.301 0.75 0.25 (1.0)
cmyn4* 0.699 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.22 -16.22 7.19
LAB*LAB 66.22 -15.8 4.4
LAB*LAB 62.5 16.41 164.46

relative CIELAB lab*
lab*lab 0.619 -0.721 0.201
lab*ch 0.619 -0.721 0.201
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.619 -0.721 0.201
lab*trc 0.619 -0.721 0.201
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.277 0.75 0.0 (1.0)
cmyn3* 0.723 0.0 0.0 (0.0)
olvi4* 0.277 0.75 0.0 (1.0)
cmyn4* 0.723 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 50.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.482 -0.962 0.268
lab*ch 0.482 -0.962 0.268
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.482 -0.962 0.268
lab*trc 0.482 -0.962 0.268
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.321 0.75 0.25 (1.0)
cmyn3* 0.679 0.0 0.0 (0.0)
olvi4* 0.321 0.75 0.25 (1.0)
cmyn4* 0.679 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 75.74 -32.2 12.22
LAB*LAB 75.74 -31.6 8.79
LAB*LAB 75.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.746 -0.481 0.134
lab*ch 0.746 -0.481 0.134
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.746 -0.481 0.134
lab*trc 0.746 -0.481 0.134
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.301 0.75 0.25 (1.0)
cmyn3* 0.699 0.0 0.0 (0.0)
olvi4* 0.301 0.75 0.25 (1.0)
cmyn4* 0.699 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.22 -16.22 7.19
LAB*LAB 66.22 -15.8 4.4
LAB*LAB 62.5 16.41 164.46

relative CIELAB lab*
lab*lab 0.619 -0.721 0.201
lab*ch 0.619 -0.721 0.201
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.619 -0.721 0.201
lab*trc 0.619 -0.721 0.201
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.277 0.75 0.0 (1.0)
cmyn3* 0.723 0.0 0.0 (0.0)
olvi4* 0.277 0.75 0.0 (1.0)
cmyn4* 0.723 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 50.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.482 -0.962 0.268
lab*ch 0.482 -0.962 0.268
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.482 -0.962 0.268
lab*trc 0.482 -0.962 0.268
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.321 0.75 0.25 (1.0)
cmyn3* 0.679 0.0 0.0 (0.0)
olvi4* 0.321 0.75 0.25 (1.0)
cmyn4* 0.679 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 75.74 -32.2 12.22
LAB*LAB 75.74 -31.6 8.79
LAB*LAB 75.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.746 -0.481 0.134
lab*ch 0.746 -0.481 0.134
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.746 -0.481 0.134
lab*trc 0.746 -0.481 0.134
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.301 0.75 0.25 (1.0)
cmyn3* 0.699 0.0 0.0 (0.0)
olvi4* 0.301 0.75 0.25 (1.0)
cmyn4* 0.699 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.22 -16.22 7.19
LAB*LAB 66.22 -15.8 4.4
LAB*LAB 62.5 16.41 164.46

relative CIELAB lab*
lab*lab 0.619 -0.721 0.201
lab*ch 0.619 -0.721 0.201
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.619 -0.721 0.201
lab*trc 0.619 -0.721 0.201
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.277 0.75 0.0 (1.0)
cmyn3* 0.723 0.0 0.0 (0.0)
olvi4* 0.277 0.75 0.0 (1.0)
cmyn4* 0.723 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 50.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.482 -0.962 0.268
lab*ch 0.482 -0.962 0.268
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.482 -0.962 0.268
lab*trc 0.482 -0.962 0.268
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.321 0.75 0.25 (1.0)
cmyn3* 0.679 0.0 0.0 (0.0)
olvi4* 0.321 0.75 0.25 (1.0)
cmyn4* 0.679 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 75.74 -32.2 12.22
LAB*LAB 75.74 -31.6 8.79
LAB*LAB 75.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.746 -0.481 0.134
lab*ch 0.746 -0.481 0.134
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.746 -0.481 0.134
lab*trc 0.746 -0.481 0.134
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.301 0.75 0.25 (1.0)
cmyn3* 0.699 0.0 0.0 (0.0)
olvi4* 0.301 0.75 0.25 (1.0)
cmyn4* 0.699 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.22 -16.22 7.19
LAB*LAB 66.22 -15.8 4.4
LAB*LAB 62.5 16.41 164.46

relative CIELAB lab*
lab*lab 0.619 -0.721 0.201
lab*ch 0.619 -0.721 0.201
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.619 -0.721 0.201
lab*trc 0.619 -0.721 0.201
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olvi3* 0.277 0.75 0.0 (1.0)
cmyn3* 0.723 0.0 0.0 (0.0)
olvi4* 0.277 0.75 0.0 (1.0)
cmyn4* 0.723 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 50.00 32.81 164.46

relative CIELAB lab*
lab*lab 0.482 -0.962 0.268
lab*ch 0.482 -0.962 0.268
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.482 -0.962 0.268
lab*trc 0.482 -0

Eingabe: Farbmetrisches Reflexions-System MRS18

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

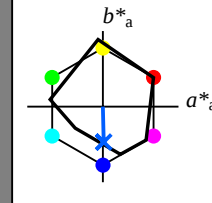
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 91$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 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)
olvi5* 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 CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi3* 0.25 0.25 0.25 (0.0)
olvi4* 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)
olvi5* 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*LAB 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
olvi3* 0.5 0.5 0.5 (0.0)
olvi4* 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)
olvi5* 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*LAB 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 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)
olvi5* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.33 0.63
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 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)
olvi5* 0.0 0.0 0.0 (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 CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)

$n^* = 1.0$

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

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

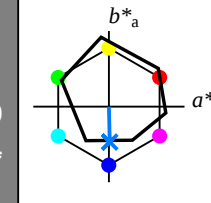
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 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)
olvi5* 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 CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi3* 0.25 0.25 0.25 (0.0)
olvi4* 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)
olvi5* 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*LAB 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
olvi3* 0.5 0.5 0.5 (0.0)
olvi4* 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)
olvi5* 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*LAB 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 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)
olvi5* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.33 0.63
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 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)
olvi5* 0.0 0.0 0.0 (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 CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)

$n^* = 1.0$

$n^* = 0.75$

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

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

%Regularität

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

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$n^* = 1.0$

BAM-Prüfvorlage TG55; Farbmetrik-Systeme MRS18 & ORS18input: olv* setrgbcolor

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: no change compared to input

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