

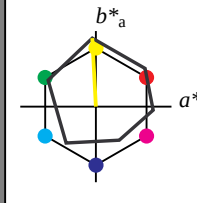
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 93/360 = 0.258$ lab^*ch und lab^*nch

D50: Buntton Y

LCH*Ma: 91 91 93

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 94$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.46 -0.39 4.69
LAB*LAB 95.46 0.0 0.0
LAB*TCa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 -
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 -

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*TCa 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 -
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 -

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (0.5)
cmyn4* 0.0 0.0 0.0 (0.5)
standard and adapted CIELAB
LAB*LAB 56.78 0.13 2.11
LAB*LAB 56.78 0.0 0.0
LAB*TCa 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 -
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 -

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (0.25)
cmyn4* 0.0 0.0 0.0 (0.25)
standard and adapted CIELAB
LAB*LAB 37.44 -0.32 0.82
LAB*LAB 37.44 0.0 0.0
LAB*TCa 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 -
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 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.0 0.0
LAB*TCa 0.00 0.01 -

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

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 1.0 1.0 0.75 (1.0)
cmyn3* 0.0 0.0 0.75 (1.0)
olv4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.75 (1.0)
standard and adapted CIELAB
LAB*LAB 94.34 -1.17 22.64
LAB*LAB 94.34 -1.17 22.64
LAB*TCa 87.5 22.67 92.99

relative CIELAB lab*
lab*lab 0.985 -0.012 0.25
lab*ch 0.875 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.985 -0.022 0.249
lab*trc 0.875 0.25 0.265
lab*ncc 0.0 0.25 0.265

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.5 (1.0)
cmyn3* 0.25 0.25 0.5 (0.0)
olv4* 1.0 1.0 0.75 (0.5)
cmyn4* 0.0 0.0 0.75 (0.5)
standard and adapted CIELAB
LAB*LAB 75.0 -1.29 25.96
LAB*LAB 75.0 -1.29 25.96
LAB*TCa 62.5 22.68 92.99

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 -
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 -

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.25 (1.0)
cmyn3* 0.5 0.5 0.25 (0.0)
olv4* 1.0 1.0 0.5 (0.5)
cmyn4* 0.0 0.0 0.5 (0.5)
standard and adapted CIELAB
LAB*LAB 55.96 -1.02 24.69
LAB*LAB 55.96 -1.02 24.69
LAB*TCa 37.5 22.68 92.99

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 -
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 -

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.125 (1.0)
cmyn3* 0.75 0.75 0.125 (0.0)
olv4* 1.0 1.0 0.25 (0.25)
cmyn4* 0.0 0.0 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 36.32 -0.75 23.89
LAB*LAB 36.32 -0.75 23.89
LAB*TCa 12.5 22.67 92.99

relative CIELAB lab*
lab*lab 0.236 -0.012 0.25
lab*ch 0.125 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.236 -0.022 0.249
lab*trc 0.125 0.25 0.265
lab*ncc 0.0 0.25 0.265

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 1.0 1.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0
LAB*TCa 0.00 0.01 -

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

$n^* = 0.50$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	-41.32	9.74	42.46	167
BCIE	29.2	-5.79	-49.61	49.96	263

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

relative Inform. Technology (IT)
olv3* 1.0 1.0 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olv4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 93.22 -2.72 49.83
LAB*LAB 93.22 -2.72 49.83
LAB*TCa 75.0 45.34 92.99

relative CIELAB lab*
lab*lab 0.971 -0.025 0.499
lab*ch 0.75 0.5 0.258
lab*nch 0.0 0.5 0.258
relative Natural Colour (NC)
lab*trj 0.971 -0.046 0.498
lab*trc 0.75 0.5 0.265
lab*ncc 0.0 0.5 0.265

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olv4* 1.0 1.0 0.75 (0.5)
cmyn4* 0.0 0.0 0.75 (0.5)
standard and adapted CIELAB
LAB*LAB 73.89 -2.46 48.55
LAB*LAB 73.89 -2.46 48.55
LAB*TCa 50.0 45.35 92.99

relative CIELAB lab*
lab*lab 0.7389 -0.025 0.499
lab*ch 0.75 0.5 0.258
lab*nch 0.0 0.5 0.258
relative Natural Colour (NC)
lab*trj 0.7389 -0.046 0.498
lab*trc 0.75 0.5 0.265
lab*ncc 0.0 0.5 0.265

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.125 (1.0)
cmyn3* 0.5 0.5 0.125 (0.0)
olv4* 1.0 1.0 0.25 (0.25)
cmyn4* 0.0 0.0 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 54.55 -2.19 47.25
LAB*LAB 54.55 -2.19 47.25
LAB*TCa 25.01 45.34 92.99

relative CIELAB lab*
lab*lab 0.471 -0.025 0.499
lab*ch 0.25 0.5 0.258
lab*nch 0.0 0.5 0.258
relative Natural Colour (NC)
lab*trj 0.471 -0.046 0.498
lab*trc 0.25 0.5 0.265
lab*ncc 0.0 0.5 0.265

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.0625 (1.0)
cmyn3* 0.75 0.75 0.0625 (0.0)
olv4* 1.0 1.0 0.125 (0.125)
cmyn4* 0.0 0.0 0.125 (0.125)
standard and adapted CIELAB
LAB*LAB 36.32 -0.75 23.89
LAB*LAB 36.32 -0.75 23.89
LAB*TCa 12.5 22.67 92.99

relative CIELAB lab*
lab*lab 0.236 -0.012 0.25
lab*ch 0.125 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.236 -0.022 0.249
lab*trc 0.125 0.25 0.265
lab*ncc 0.0 0.25 0.265

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 1.0 1.0 0.25 (1.0)
cmyn3* 0.0 0.0 0.25 (0.0)
olv4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 92.11 -3.89 72.4
LAB*LAB 92.11 -3.89 72.4
LAB*TCa 62.5 68.02 92.99

relative CIELAB lab*
lab*lab 0.957 -0.038 0.749
lab*ch 0.625 0.75 0.258
lab*nch 0.0 0.75 0.258
relative Natural Colour (NC)
lab*trj 0.957 -0.069 0.747
lab*trc 0.625 0.75 0.265
lab*ncc 0.0 0.75 0.265

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.125 (1.0)
cmyn3* 0.25 0.25 0.125 (0.0)
olv4* 1.0 1.0 0.125 (0.125)
cmyn4* 0.0 0.0 0.125 (0.125)
standard and adapted CIELAB
LAB*LAB 72.77 -3.62 71.11
LAB*LAB 72.77 -3.62 71.11
LAB*TCa 37.51 68.02 92.99

relative CIELAB lab*
lab*lab 0.707 -0.038 0.749
lab*ch 0.375 0.75 0.258
lab*nch 0.0 0.75 0.258
relative Natural Colour (NC)
lab*trj 0.707 -0.069 0.747
lab*trc 0.375 0.75 0.265
lab*ncc 0.0 0.75 0.265

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.0625 (1.0)
cmyn3* 0.5 0.5 0.0625 (0.0)
olv4* 1.0 1.0 0.0625 (0.0625)
cmyn4* 0.0 0.0 0.0625 (0.0625)
standard and adapted CIELAB
LAB*LAB 44.25 -2.19 47.25
LAB*LAB 44.25 -2.19 47.25
LAB*TCa 25.01 45.34 92.99

relative CIELAB lab*
lab*lab 0.471 -0.025 0.499
lab*ch 0.25 0.5 0.258
lab*nch 0.0 0.5 0.258
relative Natural Colour (NC)
lab*trj 0.471 -0.046 0.498
lab*trc 0.25 0.5 0.265
lab*ncc 0.0 0.5 0.265

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.03125 (1.0)
cmyn3* 0.75 0.75 0.03125 (0.0)
olv4* 1.0 1.0 0.03125 (0.03125)
cmyn4* 0.0 0.0 0.03125 (0.03125)
standard and adapted CIELAB
LAB*LAB 36.32 -0.75 23.89
LAB*LAB 36.32 -0.75 23.89
LAB*TCa 12.5 22.67 92.99

relative CIELAB lab*
lab*lab 0.236 -0.012 0.25
lab*ch 0.125 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.236 -0.022 0.249
lab*trc 0.125 0.25 0.265
lab*ncc 0.0 0.25 0.265

$n^* = 0.125$

 $n^* = 0.00$ $n^* = 0.25$ Schwarzheit n^* $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ relative Buntheit c^*

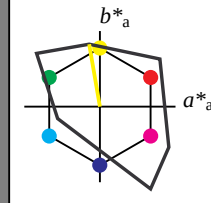
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 100/360 = 0.277$ lab^*ch und lab^*nch

D50: Buntton Y

LCH*Ma: 93 84 100

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 156$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 -
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 -

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0
LAB*TCa 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.995 -0.041 0.246
lab*ch 0.875 0.25 0.277
lab*nch 0.0 0.25 0.277
relative Natural Colour (NC)
lab*trj 0.995 -0.056 0.243
lab*trc 0.875 0.25 0.287
lab*ncc 0.0 0.25 0.287

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (0.5)
cmyn4* 0.0 0.0 0.5 (0.5)
standard and adapted CIELAB
LAB*LAB 56.78 0.13 2.11
LAB*LAB 56.78 0.13 2.11
LAB*TCa 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 -
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 -

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.25 (0.0)
olv4* 1.0 1.0 0.25 (0.25)
cmyn4* 0.0 0.0 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 37.44 -0.32 0.82
LAB*LAB 37.44 -0.32 0.82
LAB*TCa 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 -
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 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 1.0 1.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0
LAB*TCa 0.00 0.01 -

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

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.5 (1.0)
cmyn3* 0.25 0.25 0.5 (0.0)
olv4* 1.0 1.0 0.75 (0.5)
cmyn4* 0.0 0.0 0.75 (0.5)
standard and adapted CIELAB
LAB*LAB 71.07 -3.54 20.65
LAB*LAB 71.07 -3.54 20.65
LAB*TCa 62.5 20.95 99.75

relative CIELAB lab*
lab*lab 0.995 -0.041 0.246
lab*ch 0.875 0.25 0.277
lab*nch 0.0 0.25 0.277
relative Natural Colour (NC)
lab*trj 0.995 -0.056 0.243
lab*trc 0.875 0.25 0.287
lab*ncc 0.0 0.25 0.287

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.25 (1.0)
cmyn3* 0.5 0.5 0.25 (0.0)
olv4* 1.0 1.0 0.5 (0.5)
cmyn4* 0.0 0.0 0.5 (0.5)
standard and adapted CIELAB
LAB*LAB 56.78 0.13 2.11
LAB*LAB 56.78 0.13 2.11
LAB*TCa 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 -
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 -

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.125 (1.0)
cmyn3* 0.75 0.75 0.125 (0.0)
olv4* 1.0 1.0 0.125 (0.125)
cmyn4* 0.0 0.0 0.125 (0.125)
standard and adapted CIELAB
LAB*LAB 37.44 -0.32 0.82
LAB*LAB 37.44 -0.32 0.82
LAB*TCa 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 -
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 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1

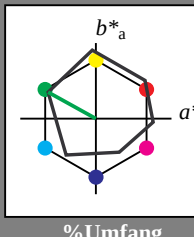
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.42$

lab^*ch und lab^*nch

D50: Buntton L
LCH*Ma: 51 72 151
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv4*	0.25	0.25	0.25	(0.0)
olv5*	1.0	1.0	1.0	1.0
olv6*	0.0	0.0	0.0	0.0
olv7*	0.0	0.0	0.0	0.0
olv8*	0.0	0.0	0.0	0.0
olv9*	0.0	0.0	0.0	0.0
olv10*	0.0	0.0	0.0	0.0
olv11*	0.0	0.0	0.0	0.0
olv12*	0.0	0.0	0.0	0.0
olv13*	0.0	0.0	0.0	0.0
olv14*	0.0	0.0	0.0	0.0
olv15*	0.0	0.0	0.0	0.0
olv16*	0.0	0.0	0.0	0.0
olv17*	0.0	0.0	0.0	0.0
olv18*	0.0	0.0	0.0	0.0
olv19*	0.0	0.0	0.0	0.0
olv20*	0.0	0.0	0.0	0.0
olv21*	0.0	0.0	0.0	0.0
olv22*	0.0	0.0	0.0	0.0
olv23*	0.0	0.0	0.0	0.0
olv24*	0.0	0.0	0.0	0.0
olv25*	0.0	0.0	0.0	0.0
olv26*	0.0	0.0	0.0	0.0
olv27*	0.0	0.0	0.0	0.0
olv28*	0.0	0.0	0.0	0.0
olv29*	0.0	0.0	0.0	0.0
olv30*	0.0	0.0	0.0	0.0
olv31*	0.0	0.0	0.0	0.0
olv32*	0.0	0.0	0.0	0.0
olv33*	0.0	0.0	0.0	0.0
olv34*	0.0	0.0	0.0	0.0
olv35*	0.0	0.0	0.0	0.0
olv36*	0.0	0.0	0.0	0.0
olv37*	0.0	0.0	0.0	0.0
olv38*	0.0	0.0	0.0	0.0
olv39*	0.0	0.0	0.0	0.0
olv40*	0.0	0.0	0.0	0.0
olv41*	0.0	0.0	0.0	0.0
olv42*	0.0	0.0	0.0	0.0
olv43*	0.0	0.0	0.0	0.0
olv44*	0.0	0.0	0.0	0.0
olv45*	0.0	0.0	0.0	0.0
olv46*	0.0	0.0	0.0	0.0
olv47*	0.0	0.0	0.0	0.0
olv48*	0.0	0.0	0.0	0.0
olv49*	0.0	0.0	0.0	0.0
olv50*	0.0	0.0	0.0	0.0
olv51*	0.0	0.0	0.0	0.0
olv52*	0.0	0.0	0.0	0.0
olv53*	0.0	0.0	0.0	0.0
olv54*	0.0	0.0	0.0	0.0
olv55*	0.0	0.0	0.0	0.0
olv56*	0.0	0.0	0.0	0.0
olv57*	0.0	0.0	0.0	0.0
olv58*	0.0	0.0	0.0	0.0
olv59*	0.0	0.0	0.0	0.0
olv60*	0.0	0.0	0.0	0.0
olv61*	0.0	0.0	0.0	0.0
olv62*	0.0	0.0	0.0	0.0
olv63*	0.0	0.0	0.0	0.0
olv64*	0.0	0.0	0.0	0.0
olv65*	0.0	0.0	0.0	0.0
olv66*	0.0	0.0	0.0	0.0
olv67*	0.0	0.0	0.0	0.0
olv68*	0.0	0.0	0.0	0.0
olv69*	0.0	0.0	0.0	0.0
olv70*	0.0	0.0	0.0	0.0
olv71*	0.0	0.0	0.0	0.0
olv72*	0.0	0.0	0.0	0.0
olv73*	0.0	0.0	0.0	0.0
olv74*	0.0	0.0	0.0	0.0
olv75*	0.0	0.0	0.0	0.0
olv76*	0.0	0.0	0.0	0.0
olv77*	0.0	0.0	0.0	0.0
olv78*	0.0	0.0	0.0	0.0
olv79*	0.0	0.0	0.0	0.0
olv80*	0.0	0.0	0.0	0.0
olv81*	0.0	0.0	0.0	0.0
olv82*	0.0	0.0	0.0	0.0
olv83*	0.0	0.0	0.0	0.0
olv84*	0.0	0.0	0.0	0.0
olv85*	0.0	0.0	0.0	0.0
olv86*	0.0	0.0	0.0	0.0
olv87*	0.0	0.0	0.0	0.0
olv88*	0.0	0.0	0.0	0.0
olv89*	0.0	0.0	0.0	0.0
olv90*	0.0	0.0	0.0	0.0
olv91*	0.0	0.0	0.0	0.0
olv92*	0.0	0.0	0.0	0.0
olv93*	0.0	0.0	0.0	0.0
olv94*	0.0	0.0	0.0	0.0
olv95*	0.0	0.0	0.0	0.0
olv96*	0.0	0.0	0.0	0.0
olv97*	0.0	0.0	0.0	0.0
olv98*	0.0	0.0	0.0	0.0
olv99*	0.0	0.0	0.0	0.0
olv100*	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv4*	0.25	0.25	0.25	(0.0)
olv5*	1.0	1.0	1.0	1.0
olv6*	0.0	0.0	0.0	0.0
olv7*	0.0	0.0	0.0	0.0
olv8*	0.0	0.0	0.0	0.0
olv9*	0.0	0.0	0.0	0.0
olv10*	0.0	0.0	0.0	0.0
olv11*	0.0	0.0	0.0	0.0
olv12*	0.0	0.0	0.0	0.0
olv13*	0.0	0.0	0.0	0.0
olv14*	0.0	0.0	0.0	0.0
olv15*	0.0	0.0	0.0	0.0
olv16*	0.0	0.0	0.0	0.0
olv17*	0.0	0.0	0.0	0.0
olv18*	0.0	0.0	0.0	0.0
olv19*	0.0	0.0	0.0	0.0
olv20*	0.0	0.0	0.0	0.0
olv21*	0.0	0.0	0.0	0.0
olv22*	0.0	0.0	0.0	0.0
olv23*	0.0	0.0	0.0	0.0
olv24*	0.0	0.0	0.0	0.0
olv25*	0.0	0.0	0.0	0.0
olv26*	0.0	0.0	0.0	0.0
olv27*	0.0	0.0	0.0	0.0
olv28*	0.0	0.0	0.0	0.0
olv29*	0.0	0.0	0.0	0.0
olv30*	0.0	0.0	0.0	0.0
olv31*	0.0	0.0	0.0	0.0
olv32*	0.0	0.0	0.0	0.0
olv33*	0.0	0.0	0.0	0.0
olv34*	0.0	0.0	0.0	0.0
olv35*	0.0	0.0	0.0	0.0
olv36*	0.0	0.0	0.0	0.0
olv37*	0.0	0.0	0.0	0.0
olv38*	0.0	0.0	0.0	0.0
olv39*	0.0	0.0	0.0	0.0
olv40*	0.0	0.0	0.0	0.0
olv41*	0.0	0.0	0.0	0.0
olv42*	0.0	0.0	0.0	0.0
olv43*	0.0	0.0	0.0	0.0
olv44*	0.0	0.0	0.0	0.0
olv45*	0.0	0.0	0.0	0.0
olv46*	0.0	0.0	0.0	0.0
olv47*	0.0	0.0	0.0	0.0
olv48*	0.0	0.0	0.0	0.0
olv49*	0.0	0.0	0.0	0.0
olv50*	0.0	0.0	0.0	0.0
olv51*	0.0	0.0	0.0	0.0
olv52*	0.0	0.0	0.0	0.0
olv53*	0.0	0.0	0.0	0.0
olv54*	0.0	0.0	0.0	0.0
olv55*	0.0	0.0	0.0	0.0
olv56*	0.0	0.0	0.0	0.0
olv57*	0.0	0.0	0.0	0.0
olv58*	0.0	0.0	0.0	0.0
olv59*	0.0	0.0	0.0	0.0
olv60*	0.0	0.0	0.0	0.0
olv61*	0.0	0.0	0.0	0.0
olv62*	0.0	0.0	0.0	0.0
olv63*	0.0	0.0	0.0	0.0
olv64*	0.0	0.0	0.0	0.0
olv65*	0.0	0.0	0.0	0.0
olv66*	0.0	0.0	0.0	0.0
olv67*	0.0	0.0	0.0	0.0
olv68*	0.0	0.0	0.0	0.0
olv69*	0.0	0.0	0.0	0.0
olv70*	0.0	0.0	0.0	0.0
olv71*	0.0	0.0	0.0	0.0
olv72*	0.0	0.0	0.0	0.0
olv73*	0.0	0.0	0.0	0.0
olv74*	0.0	0.0	0.0	0.0
olv75*	0.0	0.0	0.0	0.0
olv76*	0.0	0.0	0.0	0.0
olv77*	0.0	0.0	0.0	0.0
olv78*	0.0	0.0	0.0	0.0
olv79*	0.0	0.0	0.0	0.0
olv80*	0.0	0.0	0.0	0.0
olv81*	0.0	0.0	0.0	0.0
olv82*	0.0	0.0	0.0	0.0
olv83*	0.0	0.0	0.0	0.0
olv84*	0.0	0.0	0.0	0.0
olv85*	0.0	0.0	0.0	0.0
olv86*	0.0	0.0	0.0	0.0
olv87*	0.0	0.0	0.0	0.0
olv88*	0.0	0.0	0.0	0.0
olv89*	0.0	0.0	0.0	0.0
olv90*	0.0	0.0	0.0	0.0
olv91*	0.0	0.0	0.0	0.0
olv92*	0.0	0.0	0.0	0.0
olv93*	0.0	0.0	0.0	0.0
olv94*	0.0	0.0	0.0	0.0
olv95*	0.0	0.0	0.0	0.0
olv96*	0.0	0.0	0.0	0.0
olv97*	0.0	0.0	0.0	0.0
olv98*	0.0	0.0	0.0	0.0
olv99*	0.0	0.0	0.0	0.0
olv100*	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv4*	0.25	0.25	0.25	(0.0)
olv5*	1.0	1.0	1.0	1.0
olv6*	0.0	0.0	0.0	0.0
olv7*	0.0	0.0	0.0	0.0
olv8*	0.0	0.0	0.0	0.0
olv9*	0.0	0.0	0.0	0.0
olv10*	0.0	0.0	0.0	0.0
olv11*	0.0	0.0	0.0	0.0
olv12*	0.0	0.0	0.0	0.0
olv13*	0.0	0.0	0.0	0.0
olv14*	0.0	0.0	0.0	0.0
olv15*	0.0	0.0	0.0	0.0
olv16*	0.0	0.0	0.0	0.0
olv17*	0.0	0.0	0.0	0.0
olv18*	0.0	0.0	0.0	0.0
olv19*	0.0	0.0	0.0	0.0
olv20*	0.0	0.0	0.0	0.0
olv21*	0.0	0.0	0.0	0.0
olv22*	0.0	0.0	0.0	0.0
olv23*	0.0	0.0	0.0	0.0
olv24*	0.0	0.0	0.0	0.0
olv25*	0.0	0.0	0.0	0.0
olv26*	0.0	0.0	0.0	0.0
olv27*	0.0	0.0	0.0	0.0
olv28*	0.0	0.0	0.0	0.0
olv29*	0.0	0.0	0.0	0.0
olv30*	0.0	0.0	0.0	0.0
olv31*	0.0	0.0	0.0	0.0
olv32*	0.0	0.0	0.0	0.0
olv33*	0.0	0.0	0.0	0.0
olv34*	0.0	0.0	0.0	0.0
olv35*	0.0	0.0	0.0	0.0
olv36*	0.0	0.0	0.0	0.0
olv37*	0.0	0.0	0.0	0.0
olv38*	0.0	0.0	0.0	0.0
olv39*	0.0	0.0	0.0	0.0
olv40*	0.0	0.0	0.0	0.0
olv41*	0.0	0.0	0.0	0.0
olv42*	0.0	0.0	0.0	0.0
olv43*	0.0	0.0	0.0	0.0
olv44*	0.0	0.0	0.0	0.0
olv45*	0.0	0.0	0.0	0.0
olv46*	0.0	0.0	0.0	0.0
olv47*	0.0	0.0	0.0	0.0
olv48*	0.0	0.0	0.0	0.0
olv49*	0.0	0.0	0.0	0.0
olv50*	0.0	0.0	0.0	0.0
olv51*	0.0	0.0	0.0	0.0
olv52*	0.0	0.0	0.0	0.0
olv53*	0.0	0.0	0.0	0.0
olv54*	0.0	0.0	0.0	0.0
olv55*	0.0	0.0	0.0	0.0
olv56*	0.0	0.0	0.0	0.0
olv57*	0.0	0.0	0.0	0.0
olv58*	0.0	0.0	0.0	0.0
olv59*	0.0	0.0	0.0	0.0
olv60*	0.0	0.0	0.0	0.0
olv61*	0.0	0.0	0.0	0.0
olv62*	0.0	0.0	0.0	0.0
olv63*	0.0	0.0	0.0	0.0
olv64*	0.0	0.0	0.0	0.0
olv65*	0.0	0.0	0.0	0.0
olv66*	0.0	0.0	0.0	0.0
olv67*	0.0	0.0	0.0	0.0
olv68*	0.0	0.0	0.0	0.0
olv69*	0.0	0.0	0.0	0

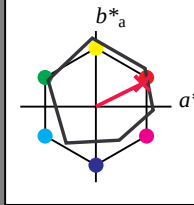
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 26/360 = 0.074$ lab^*ch und lab^*nch

D50: Buntton R

LCH*Ma: 49 76 26

olv*Ma: 1.0 0.0 0.3

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.46	-39.49	4.69	
LAB*LAB	95.46	0.0	0.0	
LAB*LAB	95.46	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.825	(1.0)
cmyn3*	0.0	0.25	0.175	(0.0)
olvi4*	1.0	0.75	0.825	(1.0)
cmyn4*	0.0	0.25	0.175	(0.0)
LAB*LAB	83.73	16.82	12.41	
LAB*LAB	83.73	17.06	4.89	
LAB*LAB	83.73	17.06	4.89	

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	(0.75)
cmyn4*	0.0	0.0	0.0	(0.25)
LAB*LAB	76.12	-0.12	3.4	
LAB*LAB	76.12	0.0	0.0	
LAB*LAB	76.12	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.5	0.575	(1.0)
cmyn3*	0.25	0.5	0.525	(0.0)
olvi4*	1.0	0.75	0.825	(0.75)
cmyn4*	0.0	0.25	0.175	(0.25)
LAB*LAB	64.39	17.1	11.12	
LAB*LAB	64.39	17.07	8.5	
LAB*LAB	64.39	17.07	8.5	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.825	(1.0)
cmyn3*	0.0	0.25	0.175	(0.0)
olvi4*	1.0	0.75	0.825	(1.0)
cmyn4*	0.0	0.25	0.175	(0.0)
LAB*LAB	83.73	16.82	12.41	
LAB*LAB	83.73	17.06	4.89	
LAB*LAB	83.73	17.06	4.89	

relative Inform. Technology (IT)

olvi3*	0.75	0.5	0.575	(1.0)
cmyn3*	0.25	0.5	0.525	(0.0)
olvi4*	1.0	0.75	0.825	(0.75)
cmyn4*	0.0	0.25	0.175	(0.25)
LAB*LAB	64.39	17.1	11.12	
LAB*LAB	64.39	17.07	8.5	
LAB*LAB	64.39	17.07	8.5	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.4	(1.0)
cmyn3*	0.25	0.75	0.6	(0.0)
olvi4*	1.0	0.5	0.65	(0.75)
cmyn4*	0.0	0.5	0.35	(0.25)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	56.78	0.0	0.0	

ORS18; adaptierte CIELAB-Daten

	$L^*=L_a^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	-41.32	9.74	42.46	167
BCIE	29.2	-5.79	-49.61	49.96	263

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$ $g^*_{M,rel} = 60$ $g^*_{Y,rel} = 60$ $g^*_{B,rel} = 60$ $g^*_{R,rel} = 60$ $g^*_{G,rel} = 60$ $g^*_{C,rel} = 60$ $g^*_{M,rel} = 60$ $g^*_{Y,rel} = 60$ $g^*_{B,rel} = 60$ $g^*_{R,rel} = 60$ $g^*_{G,rel} = 60$ $g^*_{C,rel} = 60$ $g^*_{M,rel} = 60$ $g^*_{Y,rel} = 60$ $g^*_{B,rel} = 60$ $g^*_{R,rel} = 60$ $g^*_{G,rel} = 60$ $g^*_{C,rel} = 60$ $g^*_{M,rel} = 60$ $g^*_{Y,rel} = 60$ $g^*_{B,rel} = 60$ $g^*_{R,rel} = 60$ $g^*_{G,rel} = 60$ $g^*_{C,rel} = 60$ $g^*_{M,rel} = 60$ $g^*_{Y,rel} = 60$ $g^*_{B,rel} = 60$ $g^*_{R,rel} = 60$ $g^*_{G,rel} = 60$ $g^*_{C,rel} = 60$ $g^*_{M,rel} = 60$ $g^*_{Y,rel} = 60$ $g^*_{B,rel} = 60$ $g^*_{R,rel} = 60$ $g^*_{G,rel} = 60$ $g^*_{C,rel} = 60$ $g^*_{M,rel} = 60$ $g^*_{Y,rel} = 60$ $g^*_{B,rel} = 60$ $g^*_{R,rel} = 60$ $g^*_{G,rel} = 60$ $g^*_{C,rel} = 60$ $g^*_{M,rel} = 60$ $g^*_{Y,rel} = 60$ $g^*_{B,rel} = 60$ $g^*_{R,rel} = 60$ $g^*_{G,rel} = 60$ $g^*_{C,rel} = 60$ $g^*_{M,rel} = 60$ $g^*_{Y,rel} = 60$ $g^*_{B,rel} = 60$ $g^*_{R,rel} = 60$ $g^*_{G,rel} = 60$ $g^*_{C,rel} = 60$ $g^*_{M,rel} = 60$ $g^*_{Y,rel} = 60$ $g^*_{B,rel} = 60$ $g^*_{R,rel} = 60$ $g^*_{G,rel} = 60$ $g^*_{C,rel} = 60$ $g^*_{M,rel} = 60$ $g^*_{Y,rel} = 60$ $g^*_{B,rel} = 60$ $g^*_{R,rel} = 60$

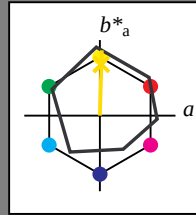
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 88/360 = 0.245$ lab^*ch und lab^*nch

D50: Buntton J

LCH*Ma: 86 86 88

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 94$

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 95.46 -0.39 4.69
LAB*LAB 95.46 0.0 0.0
LAB*LAB 95.46 0.0 0.0
LAB*LAB 95.46 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 76.12 0.0 0.0
LAB*LAB 76.12 0.0 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*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 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 56.78 0.13 2.11
LAB*LAB 56.78 0.0 0.0
LAB*LAB 56.78 0.0 0.0
LAB*LAB 56.78 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ce 0.5 0.0 0.0
lab*nce 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 37.14 0.37 0.82
LAB*LAB 37.14 0.0 0.0
LAB*LAB 37.14 0.0 0.0
LAB*LAB 37.14 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 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 18.11 0.67 0.46
LAB*LAB 18.11 0.0 0.0
LAB*LAB 18.11 0.0 0.0
LAB*LAB 18.11 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

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

O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	-41.32	9.74	42.46	167
BCIE	29.2	-5.79	-49.61	49.96	263

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

relative Inform. Technology (IT)
olvi3* 1.0 0.948 0.5 (1.0)
cmyn3* 0.0 0.052 0.5 (0.0)
olvi4* 1.0 0.948 0.5 (1.0)
cmyn4* 0.0 0.052 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 90.97 0.94 47.59
LAB*LAB 90.97 1.28 43.19
LAB*LAB 90.97 1.28 43.19
LAB*LAB 90.97 1.28 43.19

relative CIELAB lab*
lab*lab 0.942 0.015 0.5
lab*ch 0.75 0.5 0.245
lab*nch 0.0 0.5 0.245
relative Natural Colour (NC)
lab*tr 0.942 0.0 0.5
lab*ce 0.75 0.5 0.245
lab*nce 0.0 0.5 0.245

relative Inform. Technology (IT)
olvi3* 0.75 0.698 0.25 (1.0)
cmyn3* 0.25 0.302 0.75 (0.0)
olvi4* 1.0 0.948 0.5 (1.0)
cmyn4* 0.0 0.052 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.63 1.22 46.3
LAB*LAB 71.63 1.29 43.19
LAB*LAB 71.63 1.29 43.19
LAB*LAB 71.63 1.29 43.19

relative CIELAB lab*
lab*lab 0.692 0.015 0.5
lab*ch 0.5 0.5 0.245
lab*nch 0.0 0.5 0.245
relative Natural Colour (NC)
lab*tr 0.692 0.0 0.5
lab*ce 0.5 0.5 0.245
lab*nce 0.0 0.5 0.245

relative Inform. Technology (IT)
olvi3* 0.5 0.448 0.0 (1.0)
cmyn3* 0.5 0.552 1.0 (0.0)
olvi4* 1.0 0.948 0.5 (1.0)
cmyn4* 0.0 0.052 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 52.29 1.49 45.0
LAB*LAB 52.29 1.29 43.18
LAB*LAB 52.29 1.29 43.18
LAB*LAB 52.29 1.29 43.18

relative CIELAB lab*
lab*lab 0.442 0.015 0.5
lab*ch 0.25 0.5 0.245
lab*nch 0.0 0.5 0.245
relative Natural Colour (NC)
lab*tr 0.442 0.0 0.5
lab*ce 0.25 0.5 0.245
lab*nce 0.0 0.5 0.245

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 0.948 0.5 (1.0)
cmyn4* 0.0 0.052 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 35.19 1.08 22.27
LAB*LAB 35.19 0.65 21.59
LAB*LAB 35.19 0.65 21.59
LAB*LAB 35.19 0.65 21.59

relative CIELAB lab*
lab*lab 0.221 0.007 0.25
lab*ch 0.125 0.25 0.245
lab*nch 0.0 0.25 0.245
relative Natural Colour (NC)
lab*tr 0.221 0.0 0.25
lab*ce 0.125 0.25 0.245
lab*nce 0.0 0.25 0.245

$n^* = 0.50$

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 18.11 0.67 0.46
LAB*LAB 18.11 0.0 0.0
LAB*LAB 18.11 0.0 0.0
LAB*LAB 18.11 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

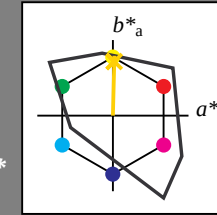
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 89/360 = 0.246$ lab^*ch und lab^*nch

D50: Buntton J

LCH*Ma: 87 79 89

olv*Ma: 1.0 0.83 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 156$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*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*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 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 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0
LAB*LAB 71.57 0.0 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*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 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 56.37 0.13 2.11
LAB*LAB 56.37 0.0 0.0
LAB*LAB 56.37 0.0 0.0
LAB*LAB 56.37 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ce 0.5 0.0 0.0
lab*nce 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 37.14 0.37 0.82
LAB*LAB 37.14 0.0 0.0
LAB*LAB 37.14 0.0 0.0
LAB*LAB 37.14 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 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 18.11 0.67 0.46
LAB*LAB 18.11 0.0 0.0
LAB*LAB 18.11 0.0 0.0
LAB*LAB 18.11 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.14 0.37 0.82
LAB*LAB 37.14 0.0 0.0
LAB*LAB 37.14 0.0 0.0
LAB*LAB 37.14 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 0.50$

$n^* = 1.0$

%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$

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 91.02 0.99 39.59
LAB*LAB 91.02 0.99 39.59
LAB*LAB 91.02 0.99 39.59
LAB*LAB 91.02 0.99 39.59

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*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 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 56.37 0.13 2.11
LAB*LAB 56.37 0.0 0.0
LAB*LAB 56.37 0.0 0.0
LAB*LAB 56.37 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ce 0.5 0.0 0.0
lab*nce 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 37.14 0.37 0.82
LAB*LAB 37.14 0.0 0.0
LAB*LAB 37.14 0.0 0.0
LAB*LAB 37.14 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 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 18.11 0.67 0.46
LAB*LAB 18.11 0.0 0.0
LAB*LAB 18.11 0.0 0.0
LAB*LAB 18.11 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 0.50$

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 37.14 0.37 0.82
LAB*LAB 37.14 0.0 0.0
LAB*LAB 37.14 0.0 0.0
LAB*LAB 37.14 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 1.0$

TLS00; adaptierte CIELAB-Daten

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

O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	41.88	62.0	31.82	69.69	27
JCIE	81.97	1.81	71.59	71.61	89
GCIE	51.62	-41.11	11.52	42.7	164
BCIE	29.2	-5.27	-49.33	49.62	264

%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$

relative Inform. Technology (IT)
olvi3* 1.0 0.913 0.5 (1.0)
cmyn3* 0.0 0.087 0.5 (0.0)
olvi4* 1.0 0.913 0.5 (1.0)
cmyn4* 0.0 0.087 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 91.02 0.99 39.59
LAB*LAB 91.02 0.99 39.59
LAB*LAB 91.02 0.99 39.59
LAB*LAB 91.02 0.99 39.59

relative CIELAB lab*
lab*lab 0.954 0.013 0.5
lab*ch 0.75 0.5 0.246
lab*nch 0.0 0.5 0.246
relative Natural Colour (NC)
lab*tr 0.954 0.0 0.5
lab*ce 0.75 0.5 0.246
lab*nce 0.0 0.5 0.246

relative Inform. Technology (IT)
olvi3* 0.75 0.663 0.25 (1.0)
cmyn3* 0.25 0.337 0.75 (0.0)
olvi4* 1.0 0.913 0.5 (1.0)
cmyn4* 0.0 0.087 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 67.18 1.0 39.6
LAB*LAB 67.18 1.0 39.6
LAB*LAB 67.18 1.0 39.6
LAB*LAB 67.18 1.0 39.6

relative CIELAB lab*
lab*lab 0.704 0.013 0.5
lab*ch 0.5 0.5 0.2

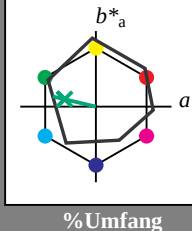
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 167/360 = 0.463$ lab^*ch und lab^*nch

D50: Buntton G

LCH*Ma: 52 59 167

olv*Ma: 0.0 1.0 0.26

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 94$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmyn3* 0.0 0.0 0.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.46 -0.39 4.69

LAB*LAB 95.46 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*tr 1.0 0.0 0.0

lab*ce 1.0 0.0 0.0

lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 1.0 1.0 (0.75)

cmyn4* 0.0 0.0 0.0 (0.25)

standard and adapted CIELAB

LAB*LAB 76.12 -0.12 3.4

LAB*LAB 76.12 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*tr 0.75 0.0 0.0

lab*ce 0.75 0.0 0.0

lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olv4* 1.0 1.0 1.0 (0.5)

cmyn4* 0.0 0.0 0.0 (0.5)

standard and adapted CIELAB

LAB*LAB 56.78 0.13 2.11

LAB*LAB 56.78 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*tr 0.5 0.0 0.0

lab*ce 0.5 0.0 0.0

lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (0.25)

cmyn4* 0.0 0.0 0.0 (0.75)

standard and adapted CIELAB

LAB*LAB 37.44 -0.67 0.82

LAB*LAB 37.44 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*tr 0.25 0.0 0.0

lab*ce 0.25 0.0 0.0

lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 18.1 0.0 0.0

LAB*LAB 18.1 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*tr 0.0 0.0 0.0

lab*ce 0.0 0.0 0.0

lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*tr 0.0 0.0 0.0

lab*ce 0.0 0.0 0.0

lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*tr 0.0 0.0 0.0

lab*ce 0.0 0.0 0.0

lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 1.0 0.815 (1.0)

cmyn3* 0.25 0.0 0.185 (0.0)

olv4* 0.75 1.0 0.815 (1.0)

cmyn4* 0.25 0.0 0.185 (0.0)

standard and adapted CIELAB

LAB*LAB 84.71 -14.24 3.36

LAB*LAB 84.71 -14.24 3.36

LAB*LAB 87.5 14.64 166.74

relative CIELAB lab*

lab*lab 0.861 -0.242 0.057

lab*ch 0.875 0.25 0.463

lab*nch 0.0 0.25 0.463

relative Natural Colour (NC)

lab*tr 0.861 -0.249 0.0

lab*ce 0.875 0.25 0.3

lab*nce 0.0 0.25 0.463

relative Inform. Technology (IT)

olv3* 0.5 0.75 0.585 (1.0)

cmyn3* 0.5 0.25 0.415 (0.0)

olv4* 0.75 1.0 0.815 (0.75)

cmyn4* 0.25 0.0 0.185 (0.25)

standard and adapted CIELAB

LAB*LAB 65.37 -14.23 6.05

LAB*LAB 65.37 -14.23 6.05

LAB*LAB 62.5 14.64 166.73

relative CIELAB lab*

lab*lab 0.611 -0.249 0.0

lab*ch 0.625 0.25 0.3

lab*nch 0.0 0.25 0.398

relative Natural Colour (NC)

lab*tr 0.611 -0.249 0.0

lab*ce 0.625 0.25 0.3

lab*nce 0.0 0.25 0.398

relative Inform. Technology (IT)

olv3* 0.25 0.5 0.35 (1.0)

cmyn3* 0.75 0.25 0.65 (0.0)

olv4* 0.75 1.0 0.815 (0.5)

cmyn4* 0.25 0.0 0.37 (0.5)

standard and adapted CIELAB

LAB*LAB 46.03 -13.96 4.76

LAB*LAB 46.03 -13.96 4.76

LAB*LAB 37.5 14.64 166.73

relative CIELAB lab*

lab*lab 0.361 -0.242 0.057

lab*ch 0.375 0.25 0.463

lab*nch 0.0 0.25 0.463

relative Natural Colour (NC)

lab*tr 0.361 -0.249 0.0

lab*ce 0.375 0.25 0.3

lab*nce 0.0 0.25 0.398

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.15 (1.0)

cmyn3* 1.0 0.75 0.935 (0.0)

olv4* 0.75 1.0 0.815 (0.0)

cmyn4* 0.25 0.0 0.185 (0.75)

standard and adapted CIELAB

LAB*LAB 26.69 -23.69 3.48

LAB*LAB 26.69 -23.69 3.48

LAB*LAB 12.5 14.64 166.71

relative CIELAB lab*

lab*lab 0.111 -0.242 0.057

lab*ch 0.125 0.25 0.463

lab*nch 0.0 0.25 0.463

relative Natural Colour (NC)

lab*tr 0.111 -0.249 0.0

lab*ce 0.125 0.25 0.3

lab*nce 0.0 0.25 0.398

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*tr 0.0 0.0 0.0

lab*ce 0.0 0.0 0.0

lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*tr 0.0 0.0 0.0

lab*ce 0.0 0.0 0.0

lab*nce 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	-41.32	9.74	42.46	167
BCIE	29.2	-5.79	-49.61	49.96	263

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

relative Inform. Technology (IT)

olv3* 0.5 1.0 0.63 (1.0)

cmyn3* 0.5 0.0 0.37 (0.0)

olv4* 0.5 1.0 0.63 (1.0)

cmyn4* 0.5 0.0 0.37 (0.0)

standard and adapted CIELAB

LAB*LAB 73.97 -28.49 9.98

LAB*LAB 73.97 -28.49 9.98

LAB*LAB 75.0 29.28 166.74

relative CIELAB lab*

lab*lab 0.722 -0.486 0.115

lab*ch 0.75 0.5 0.463

lab*nch 0.0 0.5 0.463

relative Natural Colour (NC)

lab*tr 0.722 -0.489 0.0

lab*ce 0.75 0.5 0.3

lab*nce 0.0 0.5 0.463

relative Inform. Technology (IT)

olv3* 0.25 0.75 0.38 (1.0)

cmyn3* 0.75 0.25 0.62 (0.0)

olv4* 0.5 1.0 0.63 (0.75)

cmyn4* 0.5 0.0 0.37 (0.25)

standard and adapted CIELAB

LAB*LAB 54.63 -28.33 8.7

LAB*LAB 54.63 -28.33 8.7

LAB*LAB 50.0 29.28 166.73

relative CIELAB lab*

lab*lab 0.472 -0.486 0.115

lab*ch 0.5 0.5 0.463

lab*nch 0.0 0.5 0.463

relative Natural Colour (NC)

lab*tr 0.472 -0.489 0.0

lab*ce 0.5 0.5 0.3

lab*nce 0.0 0.5 0.463

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.19 (1.0)

cmyn3* 1.0 0.25 0.80 (0.0)

olv4* 0.25 1.0 0.444 (0.75)

cmyn4* 0.75 0.0 0.556 (0.25)

standard and adapted CIELAB

LAB*LAB 43.89 -42.43 11.35

LAB*LAB 43.89 -42.43 11.35

LAB*LAB 37.51 43.93 166.73

relative CIELAB lab*

lab*lab 0.333 -0.729 0.172

lab*ch 0.375 0.75 0.463

lab*nch 0.0 0.75 0.463

relative Natural Colour (NC)

lab*tr 0.333 -0.749 0.0

lab*ce 0.375 0.75 0.3

lab*nce 0.0 0.75 0.463

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.15 (1.0)

cmyn3* 1.0 0.5 0.85 (0.0)

olv4* 0.25 1.0 0.444 (0.75)

cmyn4* 0.75 0.0 0.556 (0.25)

standard and adapted CIELAB

LAB*LAB 35.29 -28.06 7.41

LAB*LAB 35.29 -28.06 7.41

LAB*LAB 25.0 29.28 166.72

relative CIELAB lab*

lab*lab 0.222 -0.486 0.115

lab*ch 0.25 0.5 0.463

lab*nch 0.0 0.5 0.463

relative Natural Colour (NC)

lab*tr 0.222 -0.489 0.0

lab*ce 0.25 0.5 0.3

lab*nce 0.0 0.5 0.463

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*tr 0.0 0.0 0.0

lab*ce 0.0 0.0 0.0

lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 1.0 0.444 (1.0)

cmyn3* 0.75 0.0 0.556 (0.0)

olv4* 0.25 1.0 0.444 (1.0)

cmyn4* 0.75 0.0 0.556 (0.0)

standard and adapted CIELAB

LAB*LAB 63.22 -42.69 12.63

LAB*LAB 63.22 -42.69 12.63

LAB*LAB 62.5 43.92 166.74

relative CIELAB lab*

lab*lab 0.582 -0.729 0.172

lab*ch 0.625 0.75 0.463

lab*nch 0.0 0.75 0.463

relative Natural Colour (NC)

lab*tr 0.582 -0.749 0.0

lab*ce 0.625 0.75 0.3

lab*nce 0.0 0.75 0.463

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.19 (1.0)

cmyn3* 1.0 0.25 0.80 (0.0)

olv4* 0.25 1.0 0.444 (0.75)

cmyn4* 0.75 0.0 0.556 (0.25)

standard and adapted CIELAB

LAB*LAB 43.89 -42.43 11.35

LAB*LAB 43.89 -42.43 11.35

LAB*LAB 37.51 43.93 166.73

relative CIELAB lab*

lab*lab 0.333 -0.729 0.172

lab*ch 0.375 0.75 0.463

lab*nch 0.0 0.75 0.463

relative Natural Colour (NC)

lab*tr 0.333 -0.749 0.0

lab*ce 0.375 0.75 0.3

lab*nce 0.0 0.75 0.463

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.15 (1.0)

cmyn3* 1.0 0.5 0.85 (0.0)

olv4* 0.25 1.0 0.444 (0.75)

cmyn4* 0.75 0.0 0.556 (0.25)

standard and adapted CIELAB

LAB*LAB 35.29 -28.06 7.41

LAB*LAB 35.29 -28.06 7.41

LAB*LAB 25.0 29.28 166.72

relative CIELAB lab*

lab*lab 0.222 -0.486 0.115

lab*ch 0.25 0.5 0.463

lab*nch 0.0 0.5 0.463

relative Natural Colour (NC)

lab*tr 0.222 -0.489 0.0

lab*ce 0.25 0.5 0.3

lab*nce 0.0 0.5 0.463

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*tr 0.0 0.0 0.0

lab*ce 0.0 0.0 0.0

lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*tr 0.0 0.0 0.0

lab*ce 0.0 0.0 0.0

lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

LAB*LAB 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*tr 0.0 0.0 0.0

lab*ce 0.0 0.0 0.0

lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olv4* 1.0 1.0 1.0 (0.5)

cmyn4* 0.0 0.0 0.0 (0.5)

standard and adapted CIELAB

LAB*LAB 47.72 0.0 0.0

LAB*LAB 47.72 0.0 0.0

LAB*LAB 50.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*tr 0.5 0.0 0.0

lab*ce 0.5 0.0 0.0

lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.5 0.35 (1.0

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 263/360 = 0.731$

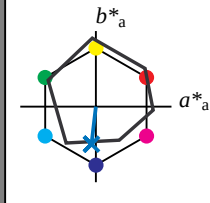
lab^*ch und lab^*nch

D50: Buntton B

LCH*Ma: 42 47 263

olv*Ma: 0.0 0.52 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

relative Inform. Technology (IT)		
olv3*	1.0	1.0
olv4*	0.0	0.0
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.75	0.75
olv4*	0.25	0.25
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.75	0.75
olv4*	0.25	0.25
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.75	0.75
olv4*	0.25	0.25
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
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olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
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olv14*	0.0	0.0
olv15*	0.0	0.0
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olv20*	0.0	0.0

ORS18; adaptierte CIELAB-Daten

L*	a*	b*	C* _{ab,a}	h* _{ab,a}
O _{Ma} 47.94	65.05	50.54	82.38	38
Y _{Ma} 91.0	-4.72	90.58	90.7	93
L _{Ma} 50.9	-63.18	34.98	72.22	151
C _{Ma} 56.99	-39.34	-48.1	62.16	231
V _{Ma} 25.72	30.89	-44.4	54.09	305
M _{Ma} 49.99	75.76	-4.64	75.9	356
N _{Ma} 18.09	0.0	0.0	0.0	0
W _{Ma} 95.46	0.0	0.0	0.0	0
RCIE 41.88	61.66	30.69	68.88	26
JCIE 81.97	2.02	67.79	67.82	88
GCIE 51.62	-41.32	9.74	42.46	167
BCIE 29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

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olv12		