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Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 137/360 = 0.38$

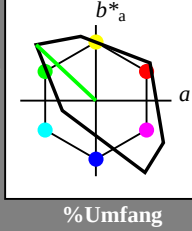
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 84 108 137

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u_{rel} = 118$

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*TCh 99.99 0.01

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.07 0.0 0.0
LAB*Lab 76.07 0.0 0.0
LAB*TCh 75.00 0.01

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*Lab 56.72 0.0 0.0
LAB*TCh 50.00 0.01

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
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 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*Lab 37.37 0.0 0.0
LAB*TCh 25.00 0.01

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
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 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*Lab 18.03 0.0 0.0
LAB*TCh 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*Lab 37.37 0.0 0.0
LAB*TCh 25.00 0.01

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
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 (0.0)
cmyn3* 0.75 0.75 0.75 (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 18.03 0.0 0.0
LAB*Lab 18.03 0.0 0.0
LAB*TCh 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (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 18.03 0.0 0.0
LAB*Lab 18.03 0.0 0.0
LAB*TCh 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (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 18.03 0.0 0.0
LAB*Lab 18.03 0.0 0.0
LAB*TCh 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (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 18.03 0.0 0.0
LAB*Lab 18.03 0.0 0.0
LAB*TCh 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

TLS18; adaptierte CIELAB-Daten

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

O _{Ma}	52.76	71.63	49.88	87.29	35
Y _{Ma}	92.74	-20.02	84.97	87.3	103
L _{Ma}	84.0	-78.98	73.94	108.2	137
C _{Ma}	87.14	-44.41	-13.11	46.32	196
V _{Ma}	35.47	64.92	-95.06	115.12	304
M _{Ma}	59.01	89.33	-55.67	105.26	328
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 70$

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 89.7 -39.48 36.96
LAB*Lab 89.7 -39.48 36.96
LAB*TCh 75.0 54.09 136.89

relative CIELAB lab*
lab*lab 0.926 -0.364 0.342
lab*ch 0.75 0.5 0.38
lab*nch 0.0 0.5 0.38
relative Natural Colour (NC)
lab*tr 0.926 -0.42 0.269
lab*ce 0.75 0.5 0.409
lab*nce 0.0 0.5 0.638

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 70.36 -39.48 36.97
LAB*Lab 70.36 -39.48 36.97
LAB*TCh 50.0 54.1 136.89

relative CIELAB lab*
lab*lab 0.889 -0.546 0.512
lab*ch 0.625 0.75 0.38
lab*nch 0.0 0.75 0.38
relative Natural Colour (NC)
lab*tr 0.889 -0.631 0.404
lab*ce 0.625 0.75 0.409
lab*nce 0.0 0.75 0.638

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.0 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.25 1.0 0.25 (0.0)
cmyn4* 0.75 0.0 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 37.51 81.14 136.89

relative CIELAB lab*
lab*lab 0.639 -0.546 0.512
lab*ch 0.375 0.75 0.38
lab*nch 0.0 0.75 0.38
relative Natural Colour (NC)
lab*tr 0.639 -0.631 0.404
lab*ce 0.375 0.75 0.409
lab*nce 0.0 0.75 0.638

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.0 (1.0)
cmyn3* 0.5 0.25 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 51.01 -39.48 36.97
LAB*Lab 51.01 -39.48 36.97
LAB*TCh 25.01 54.09 136.89

relative CIELAB lab*
lab*lab 0.426 -0.364 0.342
lab*ch 0.25 0.5 0.38
lab*nch 0.0 0.5 0.38
relative Natural Colour (NC)
lab*tr 0.426 -0.42 0.269
lab*ce 0.25 0.5 0.409
lab*nce 0.0 0.5 0.638

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

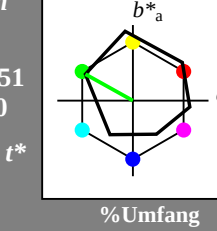
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u_{rel} = 93$

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 -0.98 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*Lab 76.06 0.0 0.0
LAB*TCh 75.0 0.01

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.24 2.14
LAB*Lab 56.71 0.24 2.14
LAB*TCh 50.0 0.01

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*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 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.51 81.14 136.89

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 0.25 0.0 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 0.25 1.0 0.25 (0.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 51.01 -39.48 36.97
LAB*Lab 51.01 -39.48 36.97
LAB*TCh 25.01 54.09 136.89

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 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	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 89.7 -39.48 36.96
LAB*Lab 89.7 -39.48 36.96
LAB*TCh 75.0 54.09 136.89

relative CIELAB lab*
lab*lab 0.926 -0.364 0.342
lab*ch 0.75 0.5 0.38
lab*nch 0.0 0.5 0.38
relative Natural Colour (NC)
lab*tr 0.926 -0.42 0.269
lab*ce 0.75 0.5 0.409
lab*nce 0.0 0.5 0.638

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 70.36 -39.48 36.97
LAB*Lab 70.36 -39.48 36.97
LAB*TCh 50.0 54.1 136.89

relative CIELAB lab*
lab*lab 0.889 -0.546 0.512
lab*ch 0.625 0.75 0.38
lab*nch 0.0 0.75 0.38
relative Natural Colour (NC)
lab*tr 0.889 -0.631 0.404
lab*ce 0.625 0.75 0.409
lab*nce 0.0 0.75 0.638

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.0 (1.0)
cmyn3* 0.75

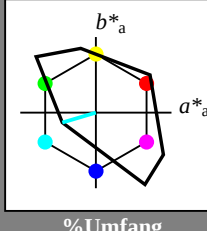
Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 196/360 = 0.546$

lab^*ch und lab^*nch

D65: Buntton C
LCH*Ma: 87 46 196
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 118$

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*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)
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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 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)
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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LABa 56.72 0.0 0.0
LAB*LABb 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)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 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)
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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 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

$n^* = 1.0$

TLS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	52.76	71.63	49.88	87.29	35
Y _{Ma}	92.74	-20.02	84.97	87.3	103
L _{Ma}	84.0	-78.98	73.94	108.2	137
C _{Ma}	87.14	-44.41	-13.11	46.32	196
V _{Ma}	35.47	64.92	-95.06	115.12	304
M _{Ma}	59.01	89.33	-55.67	105.26	328
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

relative Inform. Technology (IT)
olv3* 0.5 1.0 1.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.27 -22.2 -6.55
LAB*LABa 91.27 -22.2 -6.55
LAB*LABb 91.27 -22.2 -6.55

relative CIELAB lab*
lab*lab 0.946 -0.478 -0.141
lab*ch 0.75 0.5 0.546
lab*nch 0.0 0.5 0.546
relative Natural Colour (NC)
lab*trj 0.946 -0.44 -0.235
lab*trc 0.75 0.5 0.578
lab*ncc 0.0 0.5 0.610

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (0.75)
cmyn4* 0.5 0.0 0.0 (0.25)
standard and adapted CIELAB
LAB*LAB 71.93 -22.2 -6.55
LAB*LABa 71.93 -22.2 -6.55
LAB*LABb 71.93 -22.2 -6.55

relative CIELAB lab*
lab*lab 0.697 -0.478 -0.141
lab*ch 0.625 0.5 0.546
lab*nch 0.0 0.5 0.546
relative Natural Colour (NC)
lab*trj 0.697 -0.44 -0.235
lab*trc 0.625 0.5 0.578
lab*ncc 0.0 0.5 0.610

relative Inform. Technology (IT)
olv3* 0.0 1.0 1.0 (0.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (0.5)
cmyn4* 0.5 0.0 0.0 (0.5)
standard and adapted CIELAB
LAB*LAB 46.31 -22.2 -6.55
LAB*LABa 46.31 -22.2 -6.55
LAB*LABb 46.31 -22.2 -6.55

relative CIELAB lab*
lab*lab 0.67 -0.718 -0.211
lab*ch 0.375 0.5 0.546
lab*nch 0.0 0.5 0.546
relative Natural Colour (NC)
lab*trj 0.67 -0.66 -0.353
lab*trc 0.375 0.5 0.578
lab*ncc 0.0 0.5 0.610

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 1.0 1.0 (0.5)
cmyn4* 0.5 0.0 0.0 (0.5)
standard and adapted CIELAB
LAB*LAB 25.01 23.15 196.46
LAB*LABa 25.01 23.15 196.46
LAB*LABb 25.01 23.15 196.46

relative CIELAB lab*
lab*lab 0.447 -0.478 -0.141
lab*ch 0.25 0.5 0.546
lab*nch 0.0 0.5 0.546
relative Natural Colour (NC)
lab*trj 0.447 -0.44 -0.235
lab*trc 0.25 0.5 0.578
lab*ncc 0.0 0.5 0.610

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.0 1.0 1.0 (0.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (0.5)
cmyn4* 0.25 0.0 0.0 (0.5)
standard and adapted CIELAB
LAB*LAB 89.2 -33.3 -9.83
LAB*LABa 89.2 -33.3 -9.83
LAB*LABb 89.2 -33.3 -9.83

relative CIELAB lab*
lab*lab 0.92 -0.66 -0.353
lab*ch 0.625 0.75 0.578
lab*nch 0.0 0.75 0.610
relative Natural Colour (NC)
lab*trj 0.92 -0.66 -0.353
lab*trc 0.625 0.75 0.578
lab*ncc 0.0 0.75 0.610

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (0.5)
cmyn4* 0.25 0.0 0.0 (0.5)
standard and adapted CIELAB
LAB*LAB 87.13 -44.4 -13.11
LAB*LABa 87.13 -44.4 -13.11
LAB*LABb 87.13 -44.4 -13.11

relative CIELAB lab*
lab*lab 0.893 -0.958 -0.282
lab*ch 0.5 1.0 0.546
lab*nch 0.0 1.0 0.546
relative Natural Colour (NC)
lab*trj 0.893 -0.881 -0.47
lab*trc 0.5 1.0 0.578
lab*ncc 0.0 1.0 0.610

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -22.2 -6.55
LAB*LABa 56.71 -22.2 -6.55
LAB*LABb 56.71 -22.2 -6.55

relative CIELAB lab*
lab*lab 0.631 -0.139 -0.206
lab*ch 0.525 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.631 -0.123 -0.216
lab*trc 0.525 0.25 0.667
lab*ncc 0.0 0.25 0.667

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*LABb 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

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.0 1.0 1.0 (0.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 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*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)
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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 0.00$

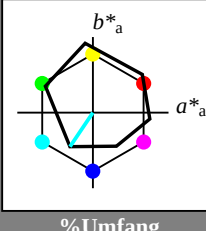
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$

lab^*ch und lab^*nch

D65: Buntton C
LCH*Ma: 59 54 236
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

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 -0.98 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)
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 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 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)
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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -15.43 -20.29
LAB*LABa 56.71 -15.43 -20.29
LAB*LABb 56.71 -15.43 -20.29

relative CIELAB lab*
lab*lab 0.631 -0.139 -0.206
lab*ch 0.525 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.631 -0.123 -0.216
lab*trc 0.525 0.25 0.667
lab*ncc 0.0 0.25 0.667

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (0.75)
cmyn4* 0.5 0.0 0.0 (0.25)
standard and adapted CIELAB
LAB*LAB 71.93 -22.2 -6.55
LAB*LABa 71.93 -22.2 -6.55
LAB*LABb 71.93 -22.2 -6.55

relative CIELAB lab*
lab*lab 0.697 -0.478 -0.141
lab*ch 0.625 0.5 0.546
lab*nch 0.0 0.5 0.546
relative Natural Colour (NC)
lab*trj 0.697 -0.44 -0.235
lab*trc 0.625 0.5 0.578
lab*ncc 0.0 0.5 0.610

relative Inform. Technology (IT)
olv3* 0.0 1.0 1.0 (0.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (0.5)
cmyn4* 0.25 0.0 0.0 (0.5)
standard and adapted CIELAB
LAB*LAB 89.2 -33.3 -9.83
LAB*LABa 89.2 -33.3 -9.83
LAB*LABb 89.2 -33.3 -9.83

relative CIELAB lab*
lab*lab 0.92 -0.66 -0.353
lab*ch 0.625 0.75 0.578
lab*nch 0.0 0.75 0.610
relative Natural Colour (NC)
lab*trj 0.92 -0.66 -0.353
lab*trc 0.625 0.75 0.578
lab*ncc 0.0 0.75 0.610

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (0.5)
cmyn4* 0.25 0.0 0.0 (0.5)
standard and adapted CIELAB
LAB*LAB 87.13 -44.4 -13.11
LAB*LABa 87.13 -44.4 -13.11
LAB*LABb 87.13 -44.4 -13.11

relative CIELAB lab*
lab*lab 0.893 -0.958 -0.282
lab*ch 0.5 1.0 0.546
lab*nch 0.0 1.0 0.546
relative Natural Colour (NC)
lab*trj 0.893 -0.881 -0.47
lab*trc 0.5 1.0 0.578
lab*ncc 0.0 1.0 0.610

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -22.2 -6.55
LAB*LABa 56.71 -22.2 -6.55
LAB*LABb 56.71 -22.2 -6.55

relative CIELAB lab*
lab*lab 0.631 -0.139 -0.206
lab*ch 0.525 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.631 -0.123 -0.216
lab*trc 0.525 0.25 0.667
lab*ncc 0.0 0.25 0.667

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*LABb 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)
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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 0.00$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 1.0 1.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB

Bunttöne output: *no change compared to input*

Journal of Management Inquiry

Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 92/360 = 0.256$

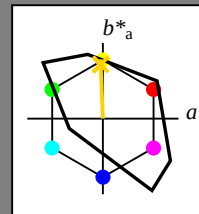
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 85 79 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 118$

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*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 0.0 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)
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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.968 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.968 0.0 0.25
lab*trc 0.875 0.25 0.256
lab*ncc 0.0 0.25 0.256

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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.968 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.968 0.0 0.25
lab*trc 0.875 0.25 0.256
lab*ncc 0.0 0.25 0.256

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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.968 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.968 0.0 0.25
lab*trc 0.875 0.25 0.256
lab*ncc 0.0 0.25 0.256

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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.968 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.968 0.0 0.25
lab*trc 0.875 0.25 0.256
lab*ncc 0.0 0.25 0.256

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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.968 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.968 0.0 0.25
lab*trc 0.875 0.25 0.256
lab*ncc 0.0 0.25 0.256

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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.968 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.968 0.0 0.25
lab*trc 0.875 0.25 0.256
lab*ncc 0.0 0.25 0.256

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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.968 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.968 0.0 0.25
lab*trc 0.875 0.25 0.256
lab*ncc 0.0 0.25 0.256

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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.968 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.968 0.0 0.25
lab*trc 0.875 0.25 0.256
lab*ncc 0.0 0.25 0.256

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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.968 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.968 0.0 0.25
lab*trc 0.875 0.25 0.256
lab*ncc 0.0 0.25 0.256

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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.968 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.968 0.0 0.25
lab*trc 0.875 0.25 0.256
lab*ncc 0.0 0.25 0.256

TLS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	52.76	71.63	49.88	87.29	35
Y _{Ma}	92.74	-20.02	84.97	87.3	103
L _{Ma}	84.0	-78.98	73.94	108.2	137
C _{Ma}	87.14	-44.41	-13.11	46.32	196
V _{Ma}	35.47	64.92	-95.06	115.12	304
M _{Ma}	59.01	89.33	-55.67	105.26	328
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

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 90.39 -1.58 39.25
LAB*LABa 90.39 -1.58 39.25
LAB*LABb 90.39 -1.58 39.25
LAB*LABc 90.39 -1.58 39.25

relative CIELAB lab*
lab*lab 0.935 -0.019 0.499
lab*ch 0.75 0.5 0.256
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*trj 0.935 0.0 0.5
lab*trc 0.75 0.5 0.256
lab*ncc 0.0 0.5 0.256

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 87.89 -2.38 58.88
LAB*LABa 87.89 -2.38 58.88
LAB*LABb 87.89 -2.38 58.88
LAB*LABc 87.89 -2.38 58.88

relative CIELAB lab*
lab*lab 0.903 -0.029 0.749
lab*ch 0.625 0.75 0.256
lab*nch 0.0 0.75 0.256
relative Natural Colour (NC)
lab*trj 0.903 0.0 0.75
lab*trc 0.625 0.75 0.256
lab*ncc 0.0 0.75 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.612 0.0 (1.0)
cmyn3* 0.25 0.342 0.75 (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 71.05 -1.58 39.26
LAB*LABa 71.05 -1.58 39.26
LAB*LABb 71.05 -1.58 39.26
LAB*LABc 71.05 -1.58 39.26

relative CIELAB lab*
lab*lab 0.653 -0.029 0.749
lab*ch 0.375 0.75 0.256
lab*nch 0.0 0.75 0.256
relative Natural Colour (NC)
lab*trj 0.653 0.0 0.75
lab*trc 0.375 0.75 0.256
lab*ncc 0.0 0.75 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.612 0.0 (1.0)
cmyn3* 0.25 0.342 0.75 (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 71.05 -1.58 39.26
LAB*LABa 71.05 -1.58 39.26
LAB*LABb 71.05 -1.58 39.26
LAB*LABc 71.05 -1.58 39.26

relative CIELAB lab*
lab*lab 0.653 -0.029 0.749
lab*ch 0.375 0.75 0.256
lab*nch 0.0 0.75 0.256
relative Natural Colour (NC)
lab*trj 0.653 0.0 0.75
lab*trc 0.375 0.75 0.256
lab*ncc 0.0 0.75 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.612 0.0 (1.0)
cmyn3* 0.25 0.342 0.75 (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 71.05 -1.58 39.26
LAB*LABa 71.05 -1.58 39.26
LAB*LABb 71.05 -1.58 39.26
LAB*LABc 71.05 -1.58 39.26

1,00

0,75

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,00$

relative Buntheit c^*

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

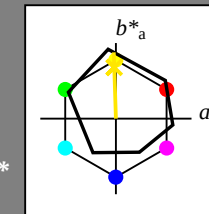
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

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 -0.98 4.75
LAB*LABa 95.41 -0.98 4.75
LAB*LABb 95.41 -0.98 4.75
LAB*LABc 95.41 -0.98 4.75

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 0.0 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)
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 76.06 -0.61 3.44
LAB*LABa 76.06 -0.61 3.44
LAB*LABb 76.06 -0.61 3.44
LAB*LABc 76.06 -0.61 3.44

relative CIELAB lab*
lab*lab 0.97 -0.007 0.25
lab*ch 0.875 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.97 0.0 0.25
lab*trc 0.875 0.25 0.255
lab*ncc 0.0 0.25 0.255

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 76.06 -0.61 3.44
LAB*LABa 76.06 -0.61 3.44
LAB*LABb 76.06 -0.61 3.44
LAB*LABc 76.06 -0.61 3.44

relative CIELAB lab*
lab*lab 0.97 -0.007 0.25
lab*ch 0.875 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.97 0.0 0.25
lab*trc 0.875 0.25 0.255
lab*ncc 0.0 0.25 0.255

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 76.06 -0.61 3.44
LAB*LABa 76.06 -0.61 3.44
LAB*LABb 76.06 -0.61 3.44
LAB*LABc 76.06 -0.61 3.44

relative CIELAB lab*
lab*lab 0.97 -0.007 0.25
lab*ch 0.875 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.97 0.0 0.25
lab*trc 0.875 0.25 0.255
lab*ncc 0.0 0.25 0.255

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 76.06 -0.61 3.44
LAB*LABa 76.06 -0.61 3.44
LAB*LABb 76.06 -0.61 3.44
LAB*LABc 76.06 -0.61 3.44

relative CIELAB lab*
lab*lab 0.97 -0.007 0.25
lab*ch 0.875 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.97 0.0 0.25
lab*trc 0.875 0.25 0.255
lab*ncc 0.0 0.25 0.255

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 76.06 -0.61 3.44
LAB*LABa 76.06 -0.61 3.44
LAB*LABb 76.06 -0.61 3.44
LAB*LABc 76.06 -0.61 3.44

1,00

0,75

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,00$

relative Buntheit c^*

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

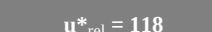
$g^*_{H,rel} = 57$

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

relative Inform.

lab*tch und lab*nch

Dreiecks-Helligkeit t^*



age compared

0 Bunttöne

M

Prüfvorlage NC
Koordinatend

Page 10 of 10

lab*tch und lab*nch

Dreiecks-Helligkeit t



Y
S/.PDF
oder M
/NG56/

M

rh4



no input

age compared

input: $olv^\dagger$ set
 output: $no\ cha$ L

0 Bunttöne

input: $olv^\dagger$ set
 output: $no\ cha$ L

age compared

no input



BAM-Registrierung: 20060101-NG56/10/L156G08NP.PS/.PDF BAM-Material: Code=rhaata
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/NG56/ Form: 9/10, Serie: 1/1, Seite: 9 Seiten: 10/10

Seitenzahl: 4

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

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *no change com*

Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 272/360 = 0.755$

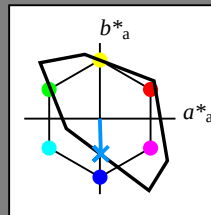
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 65 48 272

olv*Ma: 0.0 0.58 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 118$

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)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	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	
LAB*LAB	95.41	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*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	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)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
LAB*LAB	76.07	0.0	0.0	
LAB*LAB	76.07	0.0	0.0	
LAB*LAB	76.07	0.0	0.0	
LAB*LAB	76.07	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	76.07	0.0	0.0	
LAB*LAB	76.07	0.0	0.0	
LAB*LAB	76.07	0.0	0.0	
LAB*LAB	76.07	0.0	0.0	

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	
lab*lab	0.75	0.0	0.0	
lab*lab	0.75	0.0	0.0	
lab*lab	0.75	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.75	0.0	0.0	
lab*lab	0.75	0.0	0.0	
lab*lab	0.75	0.0	0.0	
lab*lab	0.75	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
olvi3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.72	0.0	0.0	
LAB*LAB	56.72	0.0	0.0	
LAB*LAB	56.72	0.0	0.0	
LAB*LAB	56.72	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	56.72	0.0	0.0	
LAB*LAB	56.72	0.0	0.0	
LAB*LAB	56.72	0.0	0.0	
LAB*LAB	56.72	0.0	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	

TLS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	52.76	71.63	49.88	87.29	35
Y _{Ma}	92.74	-20.02	84.97	87.3	103
L _{Ma}	84.0	-78.98	73.94	108.2	137
C _{Ma}	87.14	-44.41	-13.11	46.32	196
V _{Ma}	35.47	64.92	-95.06	115.12	304
M _{Ma}	59.01	89.33	-55.67	105.26	328
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

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)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
LAB*LAB	80.44	0.71	-23.73	
LAB*LAB	80.44	0.71	-23.73	
LAB*LAB	80.44	0.71	-23.73	
LAB*LAB	80.44	0.71	-23.73	

standard and adapted CIELAB

LAB*LAB	80.44	0.71	-23.73	
LAB*LAB	80.44	0.71	-23.73	
LAB*LAB	80.44	0.71	-23.73	
LAB*LAB	80.44	0.71	-23.73	

relative CIELAB lab*

lab*lab	0.807	0.015	-0.499	
lab*lab	0.807	0.015	-0.499	
lab*lab	0.807	0.015	-0.499	
lab*lab	0.807	0.015	-0.499	

relative Natural Colour (NC)

lab*lab	0.807	0.015	-0.499	
lab*lab	0.807	0.015	-0.499	
lab*lab	0.807	0.015	-0.499	
lab*lab	0.807	0.015	-0.499	

relative Inform. Technology (IT)

olvi3*	0.25	0.54	0.75	(1.0)
olvi3*	0.75	0.46	0.25	(0.0)
olvi4*	0.5	0.79	1.0	(1.0)
olvi4*	0.5	0.21	0.0	(0.0)
olvi4*	0.5	0.21	0.0	(0.0)
olvi4*	0.5	0.21	0.0	(0.0)
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	

standard and adapted CIELAB

LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	

relative CIELAB lab*

lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	

relative Natural Colour (NC)

lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	

relative Inform. Technology (IT)

olvi3*	0.0	0.29	0.5	(1.0)
olvi3*	0.75	0.46	0.25	(0.0)
olvi4*	0.5	0.79	1.0	(1.0)
olvi4*	0.5	0.21	0.0	(0.0)
olvi4*	0.5	0.21	0.0	(0.0)
olvi4*	0.5	0.21	0.0	(0.0)
LAB*LAB	41.74	0.72	-23.74	
LAB*LAB	41.74	0.72	-23.74	
LAB*LAB	41.74	0.72	-23.74	
LAB*LAB	41.74	0.72	-23.74	

standard and adapted CIELAB

LAB*LAB	41.74	0.72	-23.74	
LAB*LAB	41.74	0.72	-23.74	
LAB*LAB	41.74	0.72	-23.74	
LAB*LAB	41.74	0.72	-23.74	

relative Inform. Technology (IT)

olvi3*	0.25	0.54	0.75	(1.0)
olvi3*	0.75	0.46	0.25	(0.0)
olvi4*	0.5	0.79	1.0	(1.0)
olvi4*	0.5	0.21	0.0	(0.0)
olvi4*	0.5	0.21	0.0	(0.0)
olvi4*	0.5	0.21	0.0	(0.0)
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	

standard and adapted CIELAB

LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	

relative CIELAB lab*

lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	

relative Natural Colour (NC)

lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	

relative Inform. Technology (IT)

olvi3*	0.0	0.435	0.75	(1.0)
olvi3*	0.75	0.46	0.25	(0.0)
olvi4*	0.5	0.79	1.0	(1.0)
olvi4*	0.5	0.21	0.0	(0.0)
olvi4*	0.5	0.21	0.0	(0.0)
olvi4*	0.5	0.21	0.0	(0.0)
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	

standard and adapted CIELAB

LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	

relative CIELAB lab*

lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	

relative Natural Colour (NC)

lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	
lab*lab	0.557	0.0	-0.499	

relative Inform. Technology (IT)

olvi3*	0.25	0.54	0.75	(1.0)
olvi3*	0.75	0.46	0.25	(0.0)
olvi4*	0.5	0.79	1.0	(1.0)
olvi4*	0.5	0.21	0.0	(0.0)
olvi4*	0.5	0.21	0.0	(0.0)
olvi4*	0.5	0.21	0.0	(0.0)
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	

standard and adapted CIELAB

LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	
LAB*LAB	61.09	0.72	-23.74	

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

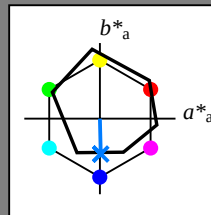
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

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