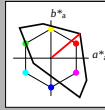


Eingabe: Farbmetrisches Fernseh-Licht-System TL500
für Buntton $h^* = lab^*h = 40/360 = 0.111$
 lab^*ch und lab^*nch



D65: Buntton O
LCH*Ma: 51 100 40
olw*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit i^*

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*LABo 95.41 0.0 0.0
LAB*TCHo 99.99 0.01
relative CIELAB lab*
lab*lab 1.0 0.5 0.5 (1.0)
lab*ch 1.0 0.0 -

relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABo 47.72 0.0 0.0
LAB*TCHo 50.0 0.01
relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
lab*nce 0.5 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)

%Umfang
 $u^*_{rel} = 158$
%Regulärität
 $g^*_{rel} = 20$
 $g^*_{Crel} = 37$

relative Inform. Technology (IT)
olvi3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB
LAB*LAB 72.95 38.45 32.27
LAB*LABo 72.95 38.45 32.27
LAB*TCHo 75.0 50.2 40.0
relative CIELAB lab*
lab*lab 0.765 0.383 0.321
lab*ch 0.75 0.5 0.111

relative Natural Colour (NC)
lab*lrj 0.765 0.471 0.167
lab*nch 0.75 0.5 0.054
lab*nce 0.0 0.5 0.21

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB
LAB*LAB 25.26 38.45 32.27
LAB*LABo 25.26 38.45 32.27
LAB*TCHo 25.01 50.2 40.0
relative CIELAB lab*
lab*lab 0.265 0.383 0.321
lab*ch 0.25 0.5 0.111

relative Natural Colour (NC)
lab*lrj 0.265 0.471 0.167
lab*nch 0.25 0.5 0.054
lab*nce 0.0 0.5 0.21

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olvi4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB
LAB*LAB 50.5 76.9 64.54
LAB*LABo 50.5 76.9 64.54
LAB*TCHo 50.0 100.4 40.0
relative CIELAB lab*
lab*lab 0.529 0.766 0.643
lab*ch 0.5 1.0 0.111

relative Natural Colour (NC)
lab*lrj 0.529 0.942 0.335
lab*nch 0.5 1.0 0.054
lab*nce 0.0 1.0 0.21

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)

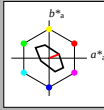
standard and adapted CIELAB
LAB*LAB 82.56 0.0 0.0
LAB*LABo 82.56 0.0 0.0
LAB*TCHo 82.56 0.0 0.0
relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0

Schwarzheit n^*
 $n^* = 0.00$

relative Buntheit c^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TL570
für Buntton $h^* = lab^*h = 22/360 = 0.061$
 lab^*ch und lab^*nch



D65: Buntton O
LCH*Ma: 76 28 22
olw*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit i^*

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 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 95.41 0.0 0.0
LAB*LABo 95.41 0.0 0.0
LAB*TCHo 99.99 0.01
relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 -

relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB
LAB*LAB 82.56 0.0 0.0
LAB*LABo 82.56 0.0 0.0
LAB*TCHo 82.56 0.0 0.0
relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
lab*nce 0.5 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 69.7 0.0 0.0
LAB*LABo 69.7 0.0 0.0
LAB*TCHo 69.7 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0

Schwarzheit n^*
 $n^* = 0.00$

relative Buntheit c^*

TL570; adaptierte CIELAB-Daten
 $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

OMa	76.43	26.27	10.57	28.32	22
YMa	93.93	-10.76	34.63	36.27	107
LMa	89.32	-35.8	27.64	45.24	142
CMa	90.93	-21.95	-7.07	23.07	198
VMa	72.1	15.76	-35.63	38.97	294
NMa	78.5	37.52	-25.23	45.22	326
WMa	69.7	0.0	0.0	0.0	0
RCIE	99.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
G_CIE	82.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Umfang
 $u^*_{rel} = 16$
%Regulärität
 $g^*_{rel} = 34$
 $g^*_{Crel} = 51$

relative Inform. Technology (IT)
olvi3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB
LAB*LAB 85.92 13.13 5.28
LAB*LABo 85.92 13.13 5.28
LAB*TCHo 75.0 14.16 21.92
relative CIELAB lab*
lab*lab 0.631 0.464 0.187
lab*ch 0.75 0.5 0.061

relative Natural Colour (NC)
lab*lrj 0.631 0.499 -0.024
lab*nch 0.75 0.5 0.061
lab*nce 0.0 0.5 0.199

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 1.0 1.0 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB
LAB*LAB 73.07 13.13 5.28
LAB*LABo 73.07 13.13 5.28
LAB*TCHo 25.01 14.16 21.92
relative CIELAB lab*
lab*lab 0.131 0.464 0.187
lab*ch 0.25 0.5 0.061

relative Natural Colour (NC)
lab*lrj 0.131 0.499 -0.024
lab*nch 0.25 0.5 0.061
lab*nce 0.0 0.5 0.199

Schwarzheit n^*
 $n^* = 0.00$

relative Buntheit c^*

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 1.0 (0.0)
olvi4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 1.0 1.0 (0.0)

standard and adapted CIELAB
LAB*LAB 76.43 26.26 10.57
LAB*LABo 76.43 26.26 10.57
LAB*TCHo 50.4 28.31 21.92
relative CIELAB lab*
lab*lab 0.262 0.928 0.373
lab*ch 0.25 1.0 0.061

relative Natural Colour (NC)
lab*lrj 0.262 0.999 -0.048
lab*nch 0.25 1.0 0.061
lab*nce 0.0 1.0 0.199

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 1.0 1.0 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB
LAB*LAB 73.07 13.13 5.28
LAB*LABo 73.07 13.13 5.28
LAB*TCHo 25.01 14.16 21.92
relative CIELAB lab*
lab*lab 0.131 0.464 0.187
lab*ch 0.25 0.5 0.061

relative Natural Colour (NC)
lab*lrj 0.131 0.499 -0.024
lab*nch 0.25 0.5 0.061
lab*nce 0.0 0.5 0.199

Schwarzheit n^*
 $n^* = 0.00$

relative Buntheit c^*