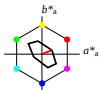


Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 22/360 = 0.061$
 lab^*ch und lab^*nch



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

Dreiecks-Helligkeit t^*

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 adopted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABo 95.41 0.0 0.0
LAB*TCHo 99.99 0.0 0.0
relative CIELAB lab*
lab*lab 1.0 0.5 0.5 (1.0)
lab*ch 1.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*ncc 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
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 (0.0)
standard and adopted CIELAB
LAB*LAB 82.56 0.0 0.0
LAB*LABo 82.56 0.0 0.0
LAB*TCHo 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 0.5 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*ncc 0.5 0.0 0.0
lab*nce 0.5 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 adopted CIELAB
LAB*LAB 69.7 0.0 0.0
LAB*LABo 69.7 0.0 0.0
LAB*TCHo 0.01 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 1.0$

TLS70; adaptierte CIELAB-Daten

$L^*a^*b^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
QMa 76.43	26.27	10.57	28.32	22
YMa 93.93	-10.76	34.63	36.27	107
LMa 89.32	-35.87	27.64	45.24	142
CMa 90.93	-21.95	-7.07	23.97	198
VMa 72.1	15.76	-35.63	38.07	294
MMa 78.5	37.52	-25.23	45.22	326
NMa 69.7	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 39.92	58.74	27.99	65.07	25
JCIE 81.26	-2.88	71.56	71.62	92
GCIE 82.23	-42.41	13.6	44.55	162
BCIE 30.57	1.41	-46.46	46.49	272

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

relative Inform. Technology (IT)
olv3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (0.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adopted CIELAB
LAB*LAB 85.32 13.13 5.28
LAB*LABo 85.32 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
lab*nch 0.0 0.5 0.061
lab*lrj 0.631 0.499 -0.024
lab*ncc 0.75 0.5 0.992
lab*nce 0.0 0.5 0.992

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 1.0 0.0 (0.0)
olv4* 1.0 0.5 0.5 (0.5)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adopted 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
lab*nch 0.5 1.0 0.061
lab*lrj 0.131 0.499 -0.024
lab*ncc 0.25 0.5 0.992
lab*nce 0.5 0.5 0.992

relative Inform. Technology (IT)
olv3* 1.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adopted CIELAB
LAB*LAB 76.43 26.26 10.57
LAB*LABo 76.43 26.26 10.57
LAB*TCHo 50.0 28.31 21.92
relative CIELAB lab*
lab*lab 0.262 0.928 0.373
lab*ch 0.262 0.928 0.373
lab*nch 0.0 1.0 0.061
lab*lrj 0.262 0.999 -0.048
lab*ncc 0.5 1.0 0.992
lab*nce 0.0 1.0 0.992

relative Natural Colour (NC)
lab*lrj 0.262 0.999 -0.048
lab*ncc 0.5 1.0 0.992
lab*nce 0.0 1.0 0.992

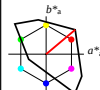
$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 40/360 = 0.111$
 lab^*ch und lab^*nch



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

Dreiecks-Helligkeit t^*

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 adopted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABo 95.41 0.0 0.0
LAB*TCHo 99.99 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 1.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*ncc 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
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 (0.0)
standard and adopted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABo 47.72 0.0 0.0
LAB*TCHo 50.0 0.01 0.01
relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
lab*lrj 0.5 0.0 0.0
lab*ncc 0.5 0.0 0.0
lab*nce 0.5 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 adopted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABo 0.03 0.0 0.0
LAB*TCHo 0.01 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
lab*lrj 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (0.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adopted 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
lab*nch 0.0 0.5 0.111
lab*lrj 0.765 0.471 0.167
lab*ncc 0.75 0.5 0.054
lab*nce 0.0 0.5 0.121

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 1.0 0.0 (0.0)
olv4* 1.0 0.5 0.5 (0.5)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adopted CIELAB
LAB*LAB 25.26 38.45 32.27
LAB*LABo 25.26 38.45 32.27
LAB*TCHo 25.01 40.2 40.0
relative CIELAB lab*
lab*lab 0.265 0.383 0.321
lab*ch 0.25 0.5 0.111
lab*nch 0.5 1.0 0.111
lab*lrj 0.265 0.471 0.167
lab*ncc 0.25 0.5 0.054
lab*nce 0.0 0.5 0.121

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

TLS00; adaptierte CIELAB-Daten

$L^*a^*b^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
QMa 50.5	76.92	64.55	100.42	40
YMa 92.66	-20.69	90.75	93.08	103
LMa 83.63	-82.75	79.9	115.04	136
CMa 86.88	-46.16	-13.55	48.12	196
VMa 30.39	76.06	-103.59	128.52	306
MMa 57.3	94.35	-58.41	110.97	328
NMa 0.01	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 39.92	58.74	27.99	65.07	25
JCIE 81.26	-2.88	71.56	71.62	92
GCIE 82.23	-42.41	13.6	44.55	162
BCIE 30.57	1.41	-46.46	46.49	272

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

relative Inform. Technology (IT)
olv3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (0.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adopted 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
lab*nch 0.0 0.5 0.111
lab*lrj 0.765 0.471 0.167
lab*ncc 0.75 0.5 0.054
lab*nce 0.0 0.5 0.121

relative Inform. Technology (IT)
olv3* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 1.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adopted 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 0.529 0.942 0.325
lab*nch 0.5 1.0 0.111
lab*lrj 0.529 0.942 0.325
lab*ncc 0.5 1.0 0.054
lab*nce 0.0 1.0 0.121

relative Natural Colour (NC)
lab*lrj 0.529 0.942 0.325
lab*ncc 0.5 1.0 0.054
lab*nce 0.0 1.0 0.121

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*