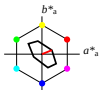


Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

lab^*tch und lab^*nch



D65: Buntton O

LCH*Ma: 76 28 22

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*

%Umfang

$u^*_{rel} = 16$

%Regulartät

$g^*_{rel} = 34$

$g^*_{rel} = 51$

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*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*tch 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*tce 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 adapted CIELAB
LAB*LAB 82.56 0.0 0.0
LAB*LABo 82.56 0.0 0.0
LAB*TCHo 90.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 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*tce 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0

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

standard and adapted 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*tch 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*tce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 1.0$

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*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*tch 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*tce 1.0 0.0 0.0

lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 1.0 0.0 0.0 (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 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*tch 0.75 0.5 0.061

lab*nch 0.0 0.5 0.061

relative Natural Colour (NC)

lab*lrj 0.631 0.499 -0.024

lab*tce 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 0.0 0.0 (0.0)

olv4* 1.0 0.5 0.5 (0.0)

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*tch 0.25 0.5 0.061

lab*nch 0.5 1.0 0.061

relative Natural Colour (NC)

lab*lrj 0.131 0.499 -0.024

lab*tce 0.25 0.5 0.992

lab*nce 0.5 0.5 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^*tch und lab^*nch



D65: Buntton O

LCH*Ma: 51 100 40

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*

%Umfang

$u^*_{rel} = 158$

%Regulartät

$g^*_{rel} = 20$

$g^*_{rel} = 37$

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*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*tch 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*tce 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 0.5 0.5 (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 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 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*tce 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
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 40.2 40.0

relative CIELAB lab*
lab*lab 0.265 0.383 0.321
lab*tch 0.25 0.5 0.111
lab*nch 0.5 1.0 0.111

relative Natural Colour (NC)
lab*lrj 0.265 0.471 0.167
lab*tce 0.25 0.5 0.954
lab*nce 0.5 0.5 0.954

$n^* = 1.0$

Schwarzheit n^*

relative Buntheit c^*

$n^* = 0.50$

$n^* = 0.50$

$n^* = 0.50$

$n^* = 0.50$

$n^* = 0.50$

$n^* = 0.50$

$n^* = 0.50$

$n^* = 0.50$

$n^* = 0.50$

$n^* = 0.50$

$n^* = 0.50$

$n^* = 0.50$