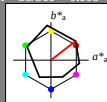


Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$
 lab^*ch und lab^*nch

D65: Buntton 0
LCH*Ma: 48 83 38
ol*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regulartät

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

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

relative Inform. Technology (IT)
ol*3* 1.0 1.0 1.0 (1.0)
cm*3* 0.0 0.0 0.0 (0.0)
ol*4* 1.0 1.0 1.0 (1.0)
cm*4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABo 95.41 0.0 0.0
LAB*TC*Ho 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.5 0.0 (1.0)
lab*ch 1.0 0.0 - (0.0)
lab*nch 0.0 0.0 - (0.0)
relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0 (1.0)
lab*n*ce 1.0 0.0 0.0 (1.0)
lab*n*ceE 0.0 0.0 - (0.0)

relative Inform. Technology (IT)
ol*3* 0.5 0.5 0.5 (1.0)
cm*3* 0.5 0.5 0.5 (0.0)
ol*4* 1.0 1.0 1.0 (1.0)
cm*4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABo 56.71 0.0 0.0
LAB*TC*Ho 50.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0 (1.0)
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 (1.0)
lab*n*ce 0.5 0.0 0.0 (1.0)
lab*n*ceE 0.5 0.0 - (0.0)

relative Inform. Technology (IT)
ol*3* 0.0 0.0 0.0 (1.0)
cm*3* 1.0 1.0 1.0 (0.0)
ol*4* 1.0 1.0 1.0 (1.0)
cm*4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABo 18.02 0.0 0.0
LAB*TC*Ho 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
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 (1.0)
lab*n*ce 0.0 0.0 0.0 (1.0)
lab*n*ceE 1.0 0.0 - (0.0)

$n^* = 1.0$

relative Inform. Technology (IT)
ol*3* 1.0 0.5 0.5 (1.0)
cm*3* 0.0 0.5 0.5 (0.0)
ol*4* 1.0 0.5 0.5 (1.0)
cm*4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.67 32.15 28.41
LAB*LABo 71.67 32.69 25.25
LAB*TC*Ho 75.01 41.31 37.69

relative CIELAB lab*
lab*lab 0.693 0.396 0.306
lab*ch 0.75 0.5 0.105
lab*nch 0.0 0.5 0.105
relative Natural Colour (NC)
lab*lrj 0.693 0.477 0.15
lab*n*ce 0.75 0.5 0.048
lab*n*ceE 0.0 0.5 r19

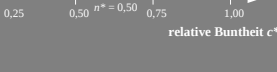
relative Inform. Technology (IT)
ol*3* 0.5 0.0 0.0 (1.0)
cm*3* 0.5 0.0 0.0 (0.0)
ol*4* 1.0 0.5 0.5 (1.0)
cm*4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 32.98 32.9 25.8
LAB*LABo 32.98 32.69 25.25
LAB*TC*Ho 25.01 41.31 37.69

relative CIELAB lab*
lab*lab 0.193 0.396 0.306
lab*ch 0.25 0.5 0.105
lab*nch 0.5 1.0 0.105
relative Natural Colour (NC)
lab*lrj 0.193 0.477 0.15
lab*n*ce 0.25 0.5 0.048
lab*n*ceE 0.5 0.5 r19

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

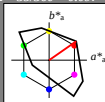


Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 35/360 = 0.097$
 lab^*ch und lab^*nch

D65: Buntton 0
LCH*Ma: 53 87 35
ol*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 118$

%Regulartät

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

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

relative Inform. Technology (IT)
ol*3* 1.0 1.0 1.0 (1.0)
cm*3* 0.0 0.0 0.0 (0.0)
ol*4* 1.0 1.0 1.0 (1.0)
cm*4* 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*TC*Ho 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0 (1.0)
lab*ch 1.0 0.0 - (0.0)
lab*nch 0.0 0.0 - (0.0)
relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0 (1.0)
lab*n*ce 1.0 0.0 0.0 (1.0)
lab*n*ceE 0.0 0.0 - (0.0)

relative Inform. Technology (IT)
ol*3* 0.5 0.5 0.5 (1.0)
cm*3* 0.5 0.5 0.5 (0.0)
ol*4* 1.0 1.0 1.0 (1.0)
cm*4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LABo 56.72 0.0 0.0
LAB*TC*Ho 50.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0 (1.0)
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 (1.0)
lab*n*ce 0.5 0.0 0.0 (1.0)
lab*n*ceE 0.5 0.0 - (0.0)

relative Inform. Technology (IT)
ol*3* 0.0 0.0 0.0 (1.0)
cm*3* 1.0 1.0 1.0 (0.0)
ol*4* 1.0 1.0 1.0 (1.0)
cm*4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABo 18.03 0.0 0.0
LAB*TC*Ho 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
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 (1.0)
lab*n*ce 0.0 0.0 0.0 (1.0)
lab*n*ceE 1.0 0.0 - (0.0)

$n^* = 1.0$

TLS18; adaptierte CIELAB-Daten

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

Ma 52.76 71.63 49.88 87.29 35

YMa 92.74 -20.02 84.97 87.3 103

LMa 84.0 -78.98 73.94 108.2 137

VMa 87.14 -44.41 -13.11 46.32 196

WMa 35.47 64.92 -95.06 115.12 304

NMa 59.01 89.33 -55.67 105.26 328

NMa 18.01 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

GCIE 81.26 -2.88 71.56 71.62 92

BCIE 82.23 -42.41 13.6 44.55 162

BCIE 30.57 1.41 -46.46 46.49 272

relative Inform. Technology (IT)
ol*3* 1.0 0.5 0.5 (1.0)
cm*3* 0.0 0.5 0.5 (0.0)
ol*4* 1.0 0.5 0.5 (1.0)
cm*4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 74.08 35.81 24.94
LAB*LABo 74.08 35.81 24.94
LAB*TC*Ho 75.01 43.63 34.85

relative CIELAB lab*
lab*lab 0.724 0.41 0.286
lab*ch 0.75 0.5 0.097
lab*nch 0.0 0.5 0.097
relative Natural Colour (NC)
lab*lrj 0.724 0.488 0.109
lab*n*ce 0.75 0.5 0.035
lab*n*ceE 0.0 0.5 r14

relative Inform. Technology (IT)
ol*3* 0.5 0.0 0.0 (1.0)
cm*3* 0.5 0.0 0.0 (0.0)
ol*4* 1.0 0.5 0.5 (1.0)
cm*4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 35.38 35.81 24.94
LAB*LABo 35.38 35.81 24.94
LAB*TC*Ho 25.01 43.63 34.85

relative CIELAB lab*
lab*lab 0.225 0.41 0.286
lab*ch 0.25 0.5 0.097
lab*nch 0.5 1.0 0.097
relative Natural Colour (NC)
lab*lrj 0.225 0.488 0.109
lab*n*ce 0.25 0.5 0.035
lab*n*ceE 0.5 0.5 r14

relative Inform. Technology (IT)
ol*3* 0.0 0.0 0.0 (1.0)
cm*3* 1.0 1.0 1.0 (0.0)
ol*4* 1.0 1.0 1.0 (1.0)
cm*4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABo 18.03 0.0 0.0
LAB*TC*Ho 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
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 (1.0)
lab*n*ce 0.0 0.0 0.0 (1.0)
lab*n*ceE 1.0 0.0 - (0.0)

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

