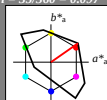


Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

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

D65: Buntton O
LCH*Ma: 53 87 35
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 118$

%Regulartät

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

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

TLS18; adaptierte CIELAB-Daten

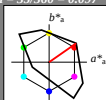
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma} 52.76	71.63	49.88	87.29	35
Y _{Ma} 92.74	-20.02	84.97	87.3	103
L _{Ma} 84.0	-78.98	73.94	108.2	137
C _{Ma} 87.14	-44.41	-13.11	46.32	196
V _{Ma} 35.47	64.92	-95.06	115.12	304
MM _{Ma} 89.31	89.33	-55.67	105.26	328
N _{Ma} 18.01	0.0	0.0	0.0	0
WM _{Ma} 95.41	0.0	0.0	0.0	0
RC _{IE} 39.92	58.74	27.99	65.07	25
J _{CI} 81.26	-2.88	71.56	71.62	92
G _{CI} 52.23	-42.41	13.6	44.55	162
B _{CI} 30.57	1.41	-46.46	46.49	272

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

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 lab^*ch und lab^*nch

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LCH*Ma: 53 87 35
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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*Lab 95.41 0.0 0.0
LAB*TChe 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 -
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*lce 1.0 0.0 -
lab*nce 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 56.72 0.0 0.0
LAB*Lab 56.72 0.0 0.0
LAB*TChe 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 -
lab*nch 0.5 0.0 -
relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*lce 0.5 0.0 -
lab*nce 0.5 0.0 -

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*Lab 18.03 0.0 0.0
LAB*TChe 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 -
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*lce 0.0 0.0 -
lab*nce 1.0 0.0 -

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 74.08 35.81 24.94
LAB*Lab 74.08 35.81 24.94
LAB*TChe 75.0 43.63 34.85

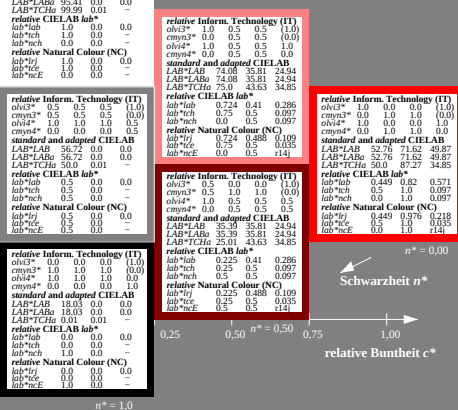
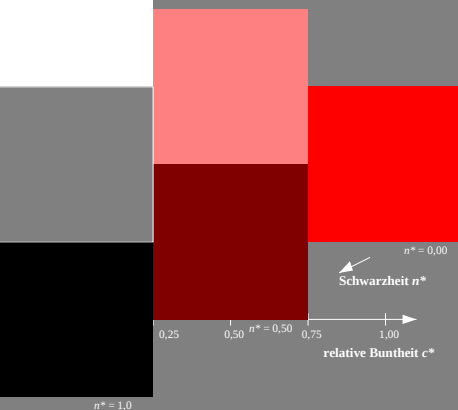
relative CIELAB lab*
lab*lab 0.724 0.41 0.286
lab*ch 0.75 0.5 0.097
lab*nch 0.0 0.5 0.097
relative Natural Colour (NC)
lab*lrj 0.724 0.488 0.109
lab*lce 0.75 0.5 0.035
lab*nce 0.0 0.5 0.141

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 35.39 35.81 24.94
LAB*Lab 35.39 35.81 24.94
LAB*TChe 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 0.0 0.5 0.097
relative Natural Colour (NC)
lab*lrj 0.225 0.488 0.109
lab*lce 0.25 0.5 0.035
lab*nce 0.0 0.5 0.141

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 0.0 0.0 (1.0)
cmyn4* 0.0 1.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.76 71.62 49.87
LAB*Lab 52.76 71.62 49.87
LAB*TChe 50.0 87.27 34.85

relative CIELAB lab*
lab*lab 0.449 0.82 0.571
lab*ch 0.449 0.976 0.218
lab*nch 0.0 1.0 0.097
relative Natural Colour (NC)
lab*lrj 0.449 0.976 0.218
lab*lce 0.5 1.0 0.035
lab*nce 0.0 1.0 0.141



NG090-7, 3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (links)

3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (rechts)

BAM-Prüfvorlage NG09; Farbmetrik-Systeme TLS18 & TLS18 input: olv* setrgbcolor
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input