

Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

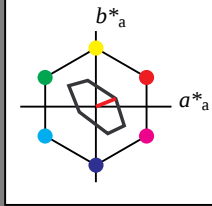
$lab \cdot tch$ und $lab \cdot nch$

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)
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

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

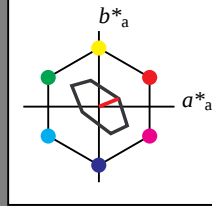
$lab \cdot tch$ und $lab \cdot nch$

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)
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
LAB*Lab 95.41 0.0 0.0
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LAB*Lab 95.41 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
LAB*Lab 95.41 0.0 0.0
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LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

OG590-7, 5 stufige Reihen für konstanten CIELAB Buntton 22/360 = 0.061 (links)

5 stufige Reihen für konstanten CIELAB Buntton 22/360 = 0.061 (rechts)

BAM-Prüfvorlage OG59; Farbmetrik-Systeme ORS18 & ORS18input: $cm y0^* set cmykcolor$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöneinput: $Startup (S) data dependend$

Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 198/360 = 0.55$

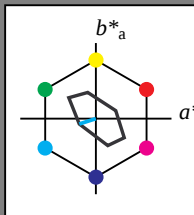
lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 91 23 198

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (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*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 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*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (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 88.98 0.0 0.0
LAB*LAB 88.98 0.0 0.0
LAB*LAB 88.98 0.0 0.0
LAB*LAB 88.98 0.0 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.75 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)
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*LAB 82.56 0.0 0.0
LAB*LAB 82.56 0.0 0.0
LAB*LAB 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
lab*nch 0.5 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.5 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 76.13 0.0 0.0
LAB*LAB 76.13 0.0 0.0
LAB*LAB 76.13 0.0 0.0
LAB*LAB 76.13 0.0 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.25 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 (0.0)
standard and adapted CIELAB
LAB*LAB 69.07 0.0 0.0
LAB*LAB 69.07 0.0 0.0
LAB*LAB 69.07 0.0 0.0
LAB*LAB 69.07 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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 0.0 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 (0.0)
standard and adapted CIELAB
LAB*LAB 69.07 0.0 0.0
LAB*LAB 69.07 0.0 0.0
LAB*LAB 69.07 0.0 0.0
LAB*LAB 69.07 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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

TLS70; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	76.43	26.27	10.57	28.32	22
Y _{Ma}	93.93	-10.76	34.63	36.27	107
L _{Ma}	89.32	-35.8	27.64	45.24	142
C _{Ma}	90.93	-21.95	-7.07	23.07	198
V _{Ma}	72.1	15.76	-35.63	38.97	294
M _{Ma}	78.5	37.52	-25.23	45.22	326
N _{Ma}	69.7	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 93.17 -10.97 -3.33
LAB*LAB 93.17 -10.97 -3.33
LAB*LAB 93.17 -10.97 -3.33
LAB*LAB 93.17 -10.97 -3.33

relative CIELAB lab*

lab*lab 0.913 -0.475 -0.152
lab*ch 0.75 0.5 0.55
lab*nch 0.75 0.5 0.55
relative Natural Colour (NC)
lab*trj 0.913 -0.435 -0.244
lab*trc 0.75 0.5 0.581
lab*ncc 0.0 0.5 0.826

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.74 -10.97 -3.33
LAB*LAB 86.74 -10.97 -3.33
LAB*LAB 86.74 -10.97 -3.33
LAB*LAB 86.74 -10.97 -3.33

relative CIELAB lab*

lab*lab 0.663 -0.475 -0.152
lab*ch 0.5 0.5 0.55
lab*nch 0.5 0.5 0.55
relative Natural Colour (NC)
lab*trj 0.663 -0.435 -0.244
lab*trc 0.5 0.5 0.581
lab*ncc 0.25 0.5 0.826

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 80.32 -10.97 -3.33
LAB*LAB 80.32 -10.97 -3.33
LAB*LAB 80.32 -10.97 -3.33
LAB*LAB 80.32 -10.97 -3.33

relative CIELAB lab*

lab*lab 0.413 -0.475 -0.152
lab*ch 0.25 0.5 0.55
lab*nch 0.25 0.5 0.55
relative Natural Colour (NC)
lab*trj 0.413 -0.435 -0.244
lab*trc 0.25 0.5 0.581
lab*ncc 0.0 0.5 0.826

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 75.01 -5.48 -1.76
LAB*LAB 75.01 -5.48 -1.76
LAB*LAB 75.01 -5.48 -1.76
LAB*LAB 75.01 -5.48 -1.76

relative CIELAB lab*

lab*lab 0.206 -0.237 -0.076
lab*ch 0.125 0.25 0.55
lab*nch 0.125 0.25 0.55
relative Natural Colour (NC)
lab*trj 0.206 -0.217 -0.121
lab*trc 0.125 0.25 0.581
lab*ncc 0.75 0.25 0.826

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 69.07 0.0 0.0
LAB*LAB 69.07 0.0 0.0
LAB*LAB 69.07 0.0 0.0
LAB*LAB 69.07 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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 198/360 = 0.55$

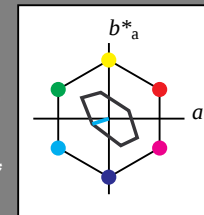
lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 91 23 198

olv*Ma: 0.0 1.0 1.0

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 adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

relative CIELAB lab*

lab*lab 1.0 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*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (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 88.98 0.0 0.0
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relative CIELAB lab*

lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.75 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)
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
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relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
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relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.5 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 76.13 0.0 0.0
LAB*LAB 76.13 0.0 0.0
LAB*LAB 76.13 0.0 0.0
LAB*LAB 76.13 0.0 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.25 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)
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standard and adapted CIELAB
LAB*LAB 69.07 0.0 0.0
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LAB*LAB 69.07 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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 0.0 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)
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standard and adapted CIELAB
LAB*LAB 69.07 0.0 0.0
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relative CIELAB lab*

lab*lab 0.0 0.0 0.0
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relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
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TLS70; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	76.43	26.27	10.57	28.32	22
Y _{Ma}	93.93	-10.76	34.63	36.27	107
L _{Ma}	89.32	-35.8	27.64	45.24	142
C _{Ma}	90.93	-21.95	-7.07	23.07	198
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M _{Ma}	78.5	37.52	-25.23	45.22	326
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W _{Ma}	95.41	0.0	0.0	0.0	0
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J _{CIE}	81.26	-2.88	71.56	71.62	92
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%Regularität

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cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 93.17 -10.97 -3.33
LAB*LAB 93.17 -10.97 -3.33
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relative CIELAB lab*

lab*lab 0.913 -0.475 -0.152
lab*ch 0.75 0.5 0.55
lab*nch 0.75 0.5 0.55
relative Natural Colour (NC)
lab*trj 0.913 -0.435 -0.244
lab*trc 0.75 0.5 0.581
lab*ncc 0.0 0.5 0.826

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
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relative CIELAB lab*

lab*lab 0.663 -0.475 -0.152
lab*ch 0.5 0.5 0.55
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relative Natural Colour (NC)
lab*trj 0.663 -0.435 -0.244
lab*trc 0.5 0.5 0.581
lab*ncc 0.25 0.5 0.826

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 80.32 -10.97 -3.33
LAB*LAB 80.32 -10.97 -3.33
LAB*LAB 80.32 -10.97 -3.33
LAB*LAB 80.32 -10.97 -3.33

relative CIELAB lab*

lab*lab 0.413 -0.475 -0.152
lab*ch 0.25 0.5 0.55
lab*nch 0.25 0.5 0.55
relative Natural Colour (NC)
lab*trj 0.413 -0.435 -0.244
lab*trc 0.25 0.5 0.581
lab*ncc 0.0 0.5 0.826

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 75.01 -5.48 -1.76
LAB*LAB 75.01 -5.48 -1.76
LAB*LAB 75.01 -5.48 -1.76
LAB*LAB 75.01 -5.48 -1.76

relative CIELAB lab*

lab*lab 0.206 -0.237 -0.076
lab*ch 0.125 0.25 0.55
lab*nch 0.125 0.25 0.55
relative Natural Colour (NC)
lab*trj 0.206 -0.217 -0.121
lab*trc 0.125 0.25 0.581
lab*ncc 0.75 0.25 0.82

Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 294/360 = 0.816$

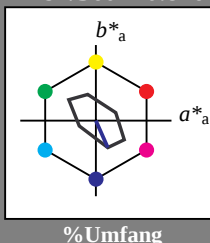
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 72 39 294

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 16$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

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$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

TLS70; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	76.43	26.27	10.57	28.32	22
Y _{Ma}	93.93	-10.76	34.63	36.27	107
L _{Ma}	89.32	-35.8	27.64	45.24	142
C _{Ma}	90.93	-21.95	-7.07	23.07	198
V _{Ma}	72.1	15.76	-35.63	38.97	294
M _{Ma}	78.5	37.52	-25.23	45.22	326
N _{Ma}	69.7	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

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$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 294/360 = 0.816$

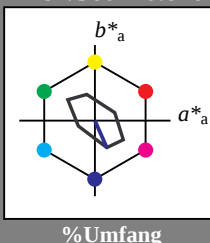
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 72 39 294

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 16$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

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%Regularität

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$g^*_{C,rel} = 51$

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$g^*_{C,rel} = 51$

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$g^*_{C,rel} = 51$

%Regularität

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%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

TLS70; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	76.43	26.27	10.57	28.32	22
Y _{Ma}	93.93	-10.76	34.63	36.27	107
L _{Ma}	89.32	-35.8	27.64	45.24	142
C _{Ma}	90.93	-21.95	-7.07	23.07	198
V _{Ma}	72.1	15.76	-35.63	38.97	294
M _{Ma}	78.5	37.52	-25.23	45.22	326
N _{Ma}	69.7	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

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$g^*_{C,rel} = 51$

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$g^*_{C,rel} = 51$

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$g^*_{C,rel} = 51$

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$g^*_{C,rel} = 51$

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$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

OG59-7, 5 stufige Reihen für konstanten CIELAB Buntton 294/360 = 0.816 (links)

5 stufige Reihen für konstanten CIELAB Buntton 294/360 = 0.816 (rechts)

BAM-Prüfvorlage OG59; Farbmetrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöneinput: $Startup (S) data dependend$

Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 92/360 = 0.256$

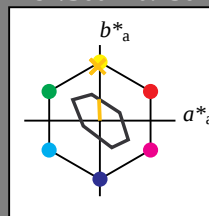
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 89 28 92

olv*Ma: 1.0 0.74 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 adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

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*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

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*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

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*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

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*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 92/360 = 0.256$

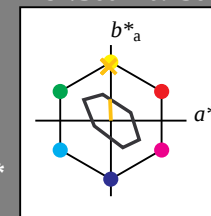
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 89 28 92

olv*Ma: 1.0 0.74 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 adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

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*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

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*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

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*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

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*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

OG590-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

BAM-Prüfvorlage OG59; Farbmetrik-Systeme ORS18 & ORS18input: cmy0* setcmycolor

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöneinput: Startup (S) data dependant

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

Buntheit c^*

BAM-Prüfvorlage OG59, Farbmatrik-Systeme ORS18 & ORS18input: *cmy0* setcmykcolor*
D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöneinput: *Startup (S) data dependend*