

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 103/360 = 0.286$

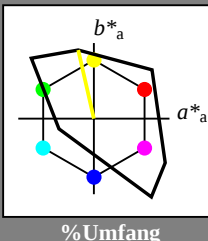
lab^*ich und lab^*nch

D65: Buntton Y

LCH*Ma: 93 93 103

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 158$

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

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*nce 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 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ich 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 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 47.72 0.0 0.0
LAB*LAB 47.72 0.0 0.0
LAB*LAB 47.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ich 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.00 0.01 0.0
LAB*LAB 25.00 0.01 0.0
LAB*LAB 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*ich 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LAB 23.87 0.0 0.0
LAB*LAB 23.87 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ich 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LAB 23.87 0.0 0.0
LAB*LAB 23.87 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ich 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LAB 0.03 0.0 0.0
LAB*LAB 0.03 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LAB 0.03 0.0 0.0
LAB*LAB 0.03 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LAB 0.03 0.0 0.0
LAB*LAB 0.03 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LAB 0.03 0.0 0.0
LAB*LAB 0.03 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	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

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)

olv3* 1.0 1.0 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olv4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 94.03 -10.34 45.37
LAB*LAB 94.03 -10.34 45.37
LAB*LAB 94.03 -10.34 45.37

relative CIELAB lab*
lab*lab 0.985 -0.11 0.487
lab*ich 0.75 0.5 0.286
lab*nch 0.0 0.5 0.286
relative Natural Colour (NC)
lab*ich 0.985 -0.11 0.486
lab*nch 0.0 0.5 0.286
lab*nce 0.75 0.5 0.286

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olv4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 93.34 -15.51 68.05
LAB*LAB 93.34 -15.51 68.05
LAB*LAB 93.34 -15.51 68.05

relative CIELAB lab*
lab*lab 0.978 -0.166 0.731
lab*ich 0.625 0.75 0.286
lab*nch 0.0 0.75 0.286
relative Natural Colour (NC)
lab*ich 0.978 -0.166 0.729
lab*nch 0.0 0.75 0.286
lab*nce 0.625 0.75 0.286

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.0 (1.0)
cmyn3* 0.25 0.25 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 92.65 -20.69 90.73
LAB*LAB 92.65 -20.69 90.73
LAB*LAB 92.65 -20.69 90.73

relative CIELAB lab*
lab*lab 0.971 -0.221 0.975
lab*ich 0.5 0.0 0.286
lab*nch 0.0 0.0 0.286
relative Natural Colour (NC)
lab*ich 0.971 -0.223 0.972
lab*nch 0.0 0.0 0.286
lab*nce 0.5 0.0 0.286

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.0 (0.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 88.88 0.0 0.0
LAB*LAB 88.88 0.0 0.0
LAB*LAB 88.88 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0 (0.0)
lab*ich 0.5 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.5 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.5 0.0 0.0 (0.0)

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.0 (0.0)
cmyn3* 0.75 0.75 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 88.88 0.0 0.0
LAB*LAB 88.88 0.0 0.0
LAB*LAB 88.88 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0 (0.0)
lab*ich 0.25 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.25 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.25 0.0 0.0 (0.0)

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 107/360 = 0.298$

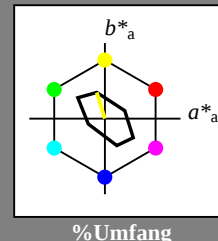
lab^*tch und lab^*nch

D65: Buntton Y

LCH*Ma: 94 36 107

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 16$

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

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*nce 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 88.88 0.0 0.0
LAB*LAB 88.88 0.0 0.0
LAB*LAB 88.88 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ich 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.0 (1.0)
cmyn3* 0.25 0.25 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 88.88 0.0 0.0
LAB*LAB 88.88 0.0 0.0
LAB*LAB 88.88 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.0 (1.0)
lab*ich 0.75 0.75 0.0 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.75 0.75 0.0 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 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 (1.0)
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

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*ich 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 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 0.25 0.25 (0.0)
lab*ich 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*ich 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 69.0 0.0 0.0
LAB*LAB 69.0 0.0 0.

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 136/360 = 0.378$

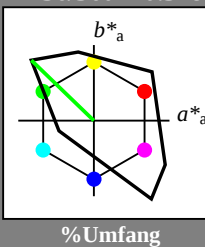
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 84 115 136

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 158$

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

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TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	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

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

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Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 142/360 = 0.395$

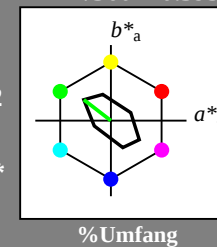
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 89 45 142

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 16$

%Regularität

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

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$n^* = 1.0$

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
R _{CIE}	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

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

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NG530-7, 5 stufige Reihen für konstanten CIELAB Buntton 136/360 = 0.378 (links)

5 stufige Reihen für konstanten CIELAB Buntton 142/360 = 0.395 (rechts)

BAM-Prüfvorlage NG53; Farbmetrik-Systeme TLS00 & TLS70 input: $olv^* setrgbcolor$

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne

output: $olv^* setrgbcolor / w^* setgray$

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 328/360 = 0.912$

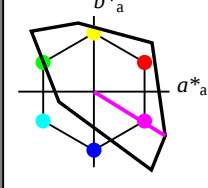
lab^*ich und lab^*nch

D65: Buntton M

LCH*Ma: 57 111 328

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	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	

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*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	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*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	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*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	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*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	

relative CIELAB lab*

lab*lab	0.9	0.176	-0.177	
lab*lab	0.875	0.25	0.874	
lab*lab	0.0	0.25	0.874	
lab*lab	0.0	0.25	0.874	

relative Natural Colour (NC)

lab*lab	0.9	0.176	-0.177	
lab*lab	0.875	0.25	0.874	
lab*lab	0.0	0.25	0.874	
lab*lab	0.0	0.25	0.874	

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	

relative CIELAB lab*

lab*lab	0.9	0.176	-0.177	
lab*lab	0.875	0.25	0.874	
lab*lab	0.0	0.25	0.874	
lab*lab	0.0	0.25	0.874	

relative Natural Colour (NC)

lab*lab	0.9	0.176	-0.177	
lab*lab	0.875	0.25	0.874	
lab*lab	0.0	0.25	0.874	
lab*lab	0.0	0.25	0.874	

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	

relative CIELAB lab*

lab*lab	0.9	0.176	-0.177	
lab*lab	0.875	0.25	0.874	
lab*lab	0.0	0.25	0.874	
lab*lab	0.0	0.25	0.874	

relative Natural Colour (NC)

lab*lab	0.9	0.176	-0.177	
lab*lab	0.875	0.25	0.874	
lab*lab	0.0	0.25	0.874	
lab*lab	0.0	0.25	0.874	

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	
LAB*LAB	71.57	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
olv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)

relative Natural Colour (NC)

lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)

relative Natural Colour (NC)

lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)

relative Natural Colour (NC)

lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	

relative CIELAB lab*

lab*lab	0.4	0.213	-0.131	
lab*lab	0.375	0.25	0.912	
lab*lab	0.0	0.25	0.912	
lab*lab	0.0	0.25	0.912	

relative Natural Colour (NC)

lab*lab	0.4	0.213	-0.131	
lab*lab	0.375	0.25	0.912	
lab*lab	0.0	0.25	0.912	
lab*lab	0.0	0.25	0.912	

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	

relative CIELAB lab*

lab*lab	0.4	0.213	-0.131	
lab*lab	0.375	0.25	0.912	
lab*lab	0.0	0.25	0.912	
lab*lab	0.0	0.25	0.912	

relative Natural Colour (NC)

lab*lab	0.4	0.213	-0.131	
lab*lab	0.375	0.25	0.912	
lab*lab	0.0	0.25	0.912	
lab*lab	0.0	0.25	0.912	

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	

relative CIELAB lab*

lab*lab	0.4	0.213	-0.131	
lab*lab	0.375	0.25	0.912	
lab*lab	0.0	0.25	0.912	
lab*lab	0.0	0.25	0.912	

relative Natural Colour (NC)

lab*lab	0.4	0.213	-0.131	
lab*lab	0.375	0.25	0.912	
lab*lab	0.0	0.25	0.912	
lab*lab	0.0	0.25	0.912	

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	

relative CIELAB lab*

lab*lab	0.15	0.212	-0.131	
lab*lab	0.125	0.25	0.912	
lab*lab	0.0	0.25	0.912	
lab*lab	0.0	0.25	0.912	

relative Natural Colour (NC)

lab*lab	0.15	0.212	-0.131	
lab*lab	0.125	0.25	0.912	
lab*lab	0.0	0.25	0.912	
lab*lab	0.0	0.25	0.912	

standard and adapted CIELAB

LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

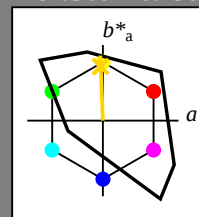
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

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*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 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*lab 1.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 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 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 71.57 0.0 0.0
LAB*LABc 71.57 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*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.75 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 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*LABb 47.72 0.0 0.0
LAB*LABc 47.72 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*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.75 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*LABb 23.87 0.0 0.0
LAB*LABc 23.87 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*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.03 0.0 0.0
LAB*LABc 0.03 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*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 1.0 0.956 0.75 (1.0)
cmyn3* 0.0 0.044 0.25 (0.0)
olv4* 1.0 0.956 0.75 (1.0)
cmyn4* 0.0 0.044 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 92.86 -0.87 21.53
LAB*LABa 92.86 -0.87 21.53
LAB*LABb 92.86 -0.87 21.53
LAB*LABc 92.86 -0.87 21.53

relative CIELAB lab*
lab*lab 0.973 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.973 0.0 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.706 0.5 (1.0)
cmyn3* 0.25 0.294 0.5 (0.0)
olv4* 1.0 0.956 0.75 (0.75)
cmyn4* 0.0 0.044 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 69.01 -0.86 21.53
LAB*LABa 69.01 -0.86 21.53
LAB*LABb 69.01 -0.86 21.53
LAB*LABc 69.01 -0.86 21.53

relative CIELAB lab*
lab*lab 0.723 -0.009 0.25
lab*ch 0.625 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.723 0.0 0.25
lab*ch 0.625 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.662 0.25 (1.0)
cmyn3* 0.25 0.338 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.044 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 66.47 -1.73 43.06
LAB*LABa 66.47 -1.73 43.06
LAB*LABb 66.47 -1.73 43.06
LAB*LABc 66.47 -1.73 43.06

relative CIELAB lab*
lab*lab 0.697 -0.019 0.25
lab*ch 0.597 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.697 0.0 0.25
lab*ch 0.597 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.5 0.412 0.0 (1.0)
cmyn3* 0.5 0.588 1.0 (0.0)
olv4* 1.0 0.912 0.5 (0.75)
cmyn4* 0.0 0.088 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 50.00 -4.31 92.31
LAB*LABa 50.00 -4.31 92.31
LAB*LABb 50.00 -4.31 92.31
LAB*LABc 50.00 -4.31 92.31

relative CIELAB lab*
lab*lab 0.473 -0.029 0.749
lab*ch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.473 0.0 0.75
lab*ch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.31 -0.86 21.52
LAB*LABa 21.31 -0.86 21.52
LAB*LABb 21.31 -0.86 21.52
LAB*LABc 21.31 -0.86 21.52

relative CIELAB lab*
lab*lab 0.223 -0.009 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.223 0.0 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256

$n^* = 0.50$

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	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

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)
olv3* 1.0 0.912 0.5 (1.0)
cmyn3* 0.0 0.088 0.5 (0.0)
olv4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 90.31 -1.74 43.06
LAB*LABa 90.31 -1.74 43.06
LAB*LABb 90.31 -1.74 43.06
LAB*LABc 90.31 -1.74 43.06

relative CIELAB lab*
lab*lab 0.947 -0.019 0.499
lab*ch 0.75 0.5 0.256
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*lab 0.947 0.0 0.5
lab*ch 0.75 0.5 0.256
lab*nch 0.0 0.5 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.618 0.0 (1.0)
cmyn3* 0.25 0.382 1.0 (0.0)
olv4* 1.0 0.912 0.5 (0.75)
cmyn4* 0.0 0.088 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 66.47 -1.73 43.06
LAB*LABa 66.47 -1.73 43.06
LAB*LABb 66.47 -1.73 43.06
LAB*LABc 66.47 -1.73 43.06

relative CIELAB lab*
lab*lab 0.697 -0.019 0.749
lab*ch 0.597 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.697 0.0 0.75
lab*ch 0.597 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.5 0.412 0.0 (1.0)
cmyn3* 0.5 0.588 1.0 (0.0)
olv4* 1.0 0.912 0.5 (0.75)
cmyn4* 0.0 0.088 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 50.00 -4.31 92.31
LAB*LABa 50.00 -4.31 92.31
LAB*LABb 50.00 -4.31 92.31
LAB*LABc 50.00 -4.31 92.31

relative CIELAB lab*
lab*lab 0.473 -0.029 0.749
lab*ch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.473 0.0 0.75
lab*ch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.31 -0.86 21.52
LAB*LABa 21.31 -0.86 21.52
LAB*LABb 21.31 -0.86 21.52
LAB*LABc 21.31 -0.86 21.52

relative CIELAB lab*
lab*lab 0.223 -0.009 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.223 0.0 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 1.0 0.868 0.25 (1.0)
cmyn3* 0.0 0.132 0.75 (0.0)
olv4* 1.0 0.868 0.25 (1.0)
cmyn4* 0.0 0.132 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 87.76 -2.61 64.59
LAB*LABa 87.76 -2.61 64.59
LAB*LABb 87.76 -2.61 64.59
LAB*LABc 87.76 -2.61 64.59

relative CIELAB lab*
lab*lab 0.92 -0.029 0.749
lab*ch 0.625 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.92 0.0 0.75
lab*ch 0.625 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.618 0.0 (1.0)
cmyn3* 0.25 0.382 1.0 (0.0)
olv4* 1.0 0.912 0.5 (0.75)
cmyn4* 0.0 0.088 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 66.47 -1.73 43.06
LAB*LABa 66.47 -1.73 43.06
LAB*LABb 66.47 -1.73 43.06
LAB*LABc 66.47 -1.73 43.06

relative CIELAB lab*
lab*lab 0.697 -0.019 0.749
lab*ch 0.597 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.697 0.0 0.75
lab*ch 0.597 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.5 0.412 0.0 (1.0)
cmyn3* 0.5 0.588 1.0 (0.0)
olv4* 1.0 0.912 0.5 (0.75)
cmyn4* 0.0 0.088 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 50.00 -4.31 92.31
LAB*LABa 50.00 -4.31 92.31
LAB*LABb 50.00 -4.31 92.31
LAB*LABc 50.00 -4.31 92.31

relative CIELAB lab*
lab*lab 0.473 -0.029 0.749
lab*ch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.473 0.0 0.75
lab*ch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.31 -0.86 21.52
LAB*LABa 21.31 -0.86 21.52
LAB*LABb 21.31 -0.86 21.52
LAB*LABc 21.31 -0.86 21.52

relative CIELAB lab*
lab*lab 0.223 -0.009 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.223 0.0 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256

$n^* = 0.00$

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)
olv3* 1.0 0.868 0.25 (1.0)
cmyn3* 0.0 0.132 0.75 (0.0)
olv4* 1.0 0.868 0.25 (1.0)
cmyn4* 0.0 0.132 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 87.76 -2.61 64.59
LAB*LABa 87.76 -2.61 64.59
LAB*LABb 87.76 -2.61 64.59
LAB*LABc 87.76 -2.61 64.59

relative CIELAB lab*
lab*lab 0.92 -0.029 0.749
lab*ch 0.625 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.92 0.0 0.75
lab*ch 0.625 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.618 0.0 (1.0)
cmyn3* 0.25 0.382 1.0 (0.0)
olv4* 1.0 0.912 0.5 (0.75)
cmyn4* 0.0 0.088 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 66.47 -1.73 43.06
LAB*LABa 66.47 -1.73 43.06
LAB*LABb 66.47 -1.73 43.06
LAB*LABc 66.47 -1.73 43.06

relative CIELAB lab*
lab*lab 0.697 -0.019 0.749
lab*ch 0.597 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.697 0.0 0.75
lab*ch 0.597 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.5 0.412 0.0 (1.0)
cmyn3* 0.5 0.588 1.0 (0.0)
olv4* 1.0 0.912 0.5 (0.75)
cmyn4* 0.0 0.088 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 50.00 -4.31 92.31
LAB*LABa 50.00 -4.31 92.31
LAB*LABb 50.00 -4.31 92.31
LAB*LABc 50.00 -4.31 92.31

relative CIELAB lab*
lab*lab 0.473 -0.029 0.749
lab*ch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.473 0.0 0.75
lab*ch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.31 -0.86 21.52
LAB*LABa 21.31 -0.86 21.52
LAB*LABb 21.31 -0.86 21.52
LAB*LABc 21.31 -0.86 21.52

relative CIELAB lab*
lab*lab 0.223 -0.009 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*lab 0.223 0.0 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256

$n^* = 0.00$

1.00

0.75

0.25

0.00

relative Buntheit c^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

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

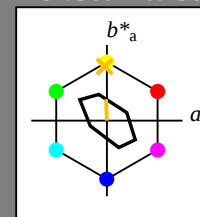
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 89 28 92

olv*Ma: 1.0 0.74 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 16$

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*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 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*lab 1.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 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 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 71.57 0.0 0.0
LAB*LABc 71.57 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch

Siehe ähnliche Dateien: <http://www.ps.barn.de/NG53/>
Technische Information: <http://www.ps.barn.de> Version 2.1, io=1,1, CIELAB

ANwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Science



	C	M	
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0 L V

C M Y O L

0	1	L	S	V	V
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