

Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

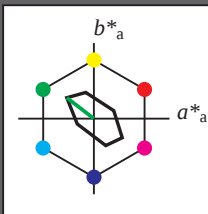
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 89 45 142

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



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)
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 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*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0

relative Natural Colour (NC)
lab*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0
lab*lab 0.75 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*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0

relative Natural Colour (NC)
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0

standard and adapted CIELAB
LAB*Lab 75.00 0.0 0.0
LAB*Lab 75.00 0.0 0.0
LAB*Lab 75.00 0.0 0.0
LAB*Lab 75.00 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 1.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olvi4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
LAB*Lab 93.89 -8.94 6.91
LAB*Lab 93.89 -8.94 6.91
LAB*Lab 93.89 -8.94 6.91
LAB*Lab 93.89 -8.94 6.91

standard and adapted CIELAB
LAB*Lab 93.89 -8.94 6.91
LAB*Lab 93.89 -8.94 6.91
LAB*Lab 93.89 -8.94 6.91
LAB*Lab 93.89 -8.94 6.91

relative CIELAB lab*
lab*lab 0.811 -0.395 0.305
lab*lab 0.811 -0.395 0.305
lab*lab 0.811 -0.395 0.305
lab*lab 0.811 -0.395 0.305

relative Natural Colour (NC)
lab*lab 0.811 -0.395 0.305
lab*lab 0.811 -0.395 0.305
lab*lab 0.811 -0.395 0.305
lab*lab 0.811 -0.395 0.305

standard and adapted CIELAB
LAB*Lab 87.46 -8.94 6.91
LAB*Lab 87.46 -8.94 6.91
LAB*Lab 87.46 -8.94 6.91
LAB*Lab 87.46 -8.94 6.91

relative CIELAB lab*
lab*lab 0.691 -0.224 0.108
lab*lab 0.691 -0.224 0.108
lab*lab 0.691 -0.224 0.108
lab*lab 0.691 -0.224 0.108

relative Natural Colour (NC)
lab*lab 0.691 -0.224 0.108
lab*lab 0.691 -0.224 0.108
lab*lab 0.691 -0.224 0.108
lab*lab 0.691 -0.224 0.108

standard and adapted CIELAB
LAB*Lab 85.94 -17.9 13.82
LAB*Lab 85.94 -17.9 13.82
LAB*Lab 85.94 -17.9 13.82
LAB*Lab 85.94 -17.9 13.82

relative CIELAB lab*
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429

relative Natural Colour (NC)
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429

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

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

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

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

relative Inform. Technology (IT)
olvi3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
LAB*Lab 92.36 -17.89 13.82
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standard and adapted CIELAB
LAB*Lab 92.36 -17.89 13.82
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LAB*Lab 92.36 -17.89 13.82

relative CIELAB lab*
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305

relative Natural Colour (NC)
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305

standard and adapted CIELAB
LAB*Lab 89.32 -35.79 27.63
LAB*Lab 89.32 -35.79 27.63
LAB*Lab 89.32 -35.79 27.63
LAB*Lab 89.32 -35.79 27.63

relative CIELAB lab*
lab*lab 0.822 -0.675 0.324
lab*lab 0.822 -0.675 0.324
lab*lab 0.822 -0.675 0.324
lab*lab 0.822 -0.675 0.324

relative Natural Colour (NC)
lab*lab 0.822 -0.675 0.324
lab*lab 0.822 -0.675 0.324
lab*lab 0.822 -0.675 0.324
lab*lab 0.822 -0.675 0.324

standard and adapted CIELAB
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relative CIELAB lab*
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relative Natural Colour (NC)
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relative Inform. Technology (IT)
olvi3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
LAB*Lab 90.84 -26.84 20.73
LAB*Lab 90.84 -26.84 20.73
LAB*Lab 90.84 -26.84 20.73
LAB*Lab 90.84 -26.84 20.73

standard and adapted CIELAB
LAB*Lab 90.84 -26.84 20.73
LAB*Lab 90.84 -26.84 20.73
LAB*Lab 90.84 -26.84 20.73
LAB*Lab 90.84 -26.84 20.73

relative CIELAB lab*
lab*lab 0.881 -0.395 0.305
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lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305

relative Natural Colour (NC)
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305

standard and adapted CIELAB
LAB*Lab 87.46 -8.94 6.91
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relative CIELAB lab*
lab*lab 0.822 -0.675 0.324
lab*lab 0.822 -0.675 0.324
lab*lab 0.822 -0.675 0.324
lab*lab 0.822 -0.675 0.324

relative Natural Colour (NC)
lab*lab 0.822 -0.675 0.324
lab*lab 0.822 -0.675 0.324
lab*lab 0.822 -0.675 0.324
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standard and adapted CIELAB
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relative CIELAB lab*
lab*lab 0.625 0.25 0.429
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lab*lab 0.625 0.25 0.429

relative Inform. Technology (IT)
olvi3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
LAB*Lab 88.98 0.0 0.0
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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*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0

relative Natural Colour (NC)
lab*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0
lab*lab 0.75 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*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0

relative Natural Colour (NC)
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0

standard and adapted CIELAB
LAB*Lab 75.00 0.0 0.0
LAB*Lab 75.00 0.0 0.0
LAB*Lab 75.00 0.0 0.0
LAB*Lab 75.00 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

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

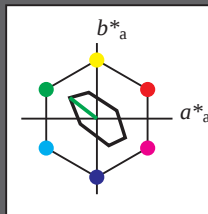
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 89 45 142

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



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)
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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
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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*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0

relative Natural Colour (NC)
lab*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0
lab*lab 0.75 0.0 0.0
lab*lab 0.75 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*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0

relative Natural Colour (NC)
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0

standard and adapted CIELAB
LAB*Lab 75.00 0.0 0.0
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LAB*Lab 75.00 0.0 0.0
LAB*Lab 75.00 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 1.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olvi4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
LAB*Lab 93.89 -8.94 6.91
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standard and adapted CIELAB
LAB*Lab 93.89 -8.94 6.91
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LAB*Lab 93.89 -8.94 6.91

relative CIELAB lab*
lab*lab 0.811 -0.395 0.305
lab*lab 0.811 -0.395 0.305
lab*lab 0.811 -0.395 0.305
lab*lab 0.811 -0.395 0.305

relative Natural Colour (NC)
lab*lab 0.811 -0.395 0.305
lab*lab 0.811 -0.395 0.305
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lab*lab 0.811 -0.395 0.305

standard and adapted CIELAB
LAB*Lab 87.46 -8.94 6.91
LAB*Lab 87.46 -8.94 6.91
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LAB*Lab 87.46 -8.94 6.91

relative CIELAB lab*
lab*lab 0.691 -0.224 0.108
lab*lab 0.691 -0.224 0.108
lab*lab 0.691 -0.224 0.108
lab*lab 0.691 -0.224 0.108

relative Natural Colour (NC)
lab*lab 0.691 -0.224 0.108
lab*lab 0.691 -0.224 0.108
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lab*lab 0.691 -0.224 0.108

standard and adapted CIELAB
LAB*Lab 85.94 -17.9 13.82
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relative CIELAB lab*
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429

relative Natural Colour (NC)
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429
lab*lab 0.625 0.25 0.429

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 Inform. Technology (IT)
olvi3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
LAB*Lab 92.36 -17.89 13.82
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standard and adapted CIELAB
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relative CIELAB lab*
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305

relative Natural Colour (NC)
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305
lab*lab 0.881 -0.395 0.305

standard and adapted CIELAB
LAB*Lab 89.32 -35.

C M Y O I L V

Siehe ähnliche Dateien: <http://www.ps.bam.de/OG59>
Technische Information: <http://www.ps.bam.de> Versi

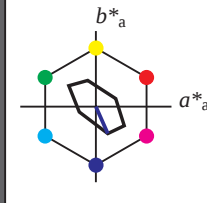
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Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/OG59/ Form: 5/0 Serie: 1/1 Seite: 5 Seiten hinten 5

Seitenzahl 5

Eingabe: Farbmétrisches Fernseh-Licht-System TLS70

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

lab*tch und lab*nch

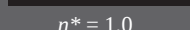
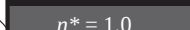
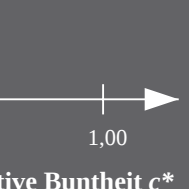
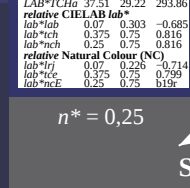
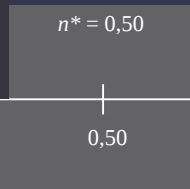
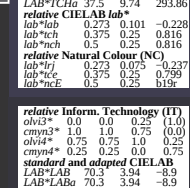
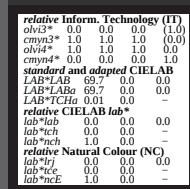
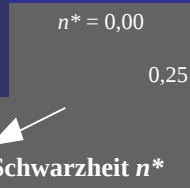
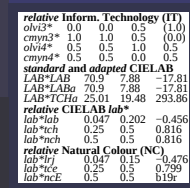
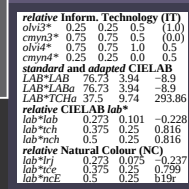
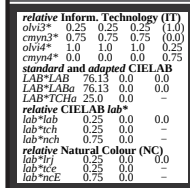
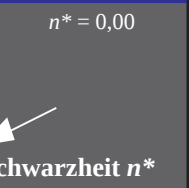
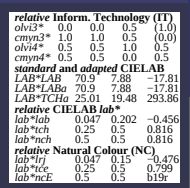
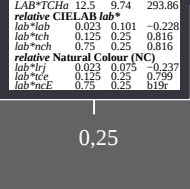
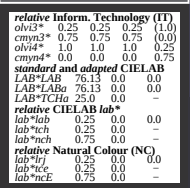
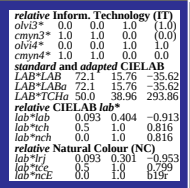
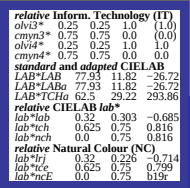
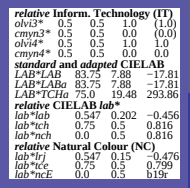
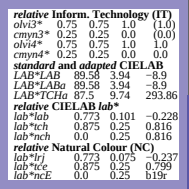
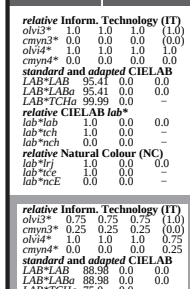


D65: Buntton V

LCH*Ma: 72 39 294

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*

OG590-7, 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; Farbmatrik-Systeme TLS70 & TLS70 input: *cmv0* setcmykcolor*

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne `output: cmy0* / 000n* setcmykcolor`

Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

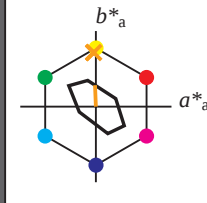
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 89 28 92

olv*Ma: 1.0 0.74 0.0

Dreiecks-Helligkeit t^*



%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*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 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ch 1.0 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* 0.0 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 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
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 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (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 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 69.7 0.0 0.0
LAB*LAB 69.7 0.0 0.0
LAB*LAB 69.7 0.0 0.0
LAB*LAB 69.7 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 1.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

$n^* = 1.0$

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

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

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

relative Inform. Technology (IT)
olv3* 1.0 0.87 0.5 (1.0)
cmyn3* 0.0 0.13 0.0 (0.0)
olv4* 1.0 0.87 0.5 (1.0)
cmyn4* 0.0 0.13 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 92.4 -0.57 14.19
LAB*LAB 92.4 -0.57 14.19
LAB*LAB 92.4 -0.57 14.19
LAB*LAB 92.4 -0.57 14.19

relative CIELAB lab*
lab*lab 0.883 -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*ch 0.883 0.0 0.5
lab*nch 0.75 0.5 0.256
lab*ch 0.883 0.0 0.5
lab*nch 0.75 0.5 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.62 0.25 (1.0)
cmyn3* 0.25 0.38 0.75 (0.0)
olv4* 1.0 0.87 0.5 (1.0)
cmyn4* 0.0 0.13 0.5 0.25
standard and adapted CIELAB
LAB*LAB 85.97 -0.56 14.19
LAB*LAB 85.97 -0.56 14.19
LAB*LAB 85.97 -0.56 14.19
LAB*LAB 85.97 -0.56 14.19

relative CIELAB lab*
lab*lab 0.633 -0.019 0.5
lab*ch 0.633 0.5 0.256
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*ch 0.633 0.0 0.5
lab*nch 0.633 0.5 0.256
lab*ch 0.633 0.0 0.5
lab*nch 0.633 0.5 0.256

relative Inform. Technology (IT)
olv3* 0.5 0.37 0.0 (1.0)
cmyn3* 0.5 0.63 0.0 (0.0)
olv4* 1.0 0.87 0.5 (1.0)
cmyn4* 0.0 0.13 0.5 0.25
standard and adapted CIELAB
LAB*LAB 79.54 -0.56 14.19
LAB*LAB 79.54 -0.56 14.19
LAB*LAB 79.54 -0.56 14.19
LAB*LAB 79.54 -0.56 14.19

relative CIELAB lab*
lab*lab 0.441 -0.029 0.749
lab*ch 0.375 0.5 0.256
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*ch 0.441 0.0 0.75
lab*nch 0.375 0.5 0.256
lab*ch 0.441 0.0 0.75
lab*nch 0.375 0.5 0.256

relative Inform. Technology (IT)
olv3* 0.25 0.185 0.0 (1.0)
cmyn3* 0.75 0.815 0.0 (0.0)
olv4* 1.0 0.87 0.5 (1.0)
cmyn4* 0.0 0.13 0.5 0.25
standard and adapted CIELAB
LAB*LAB 74.62 -0.28 7.09
LAB*LAB 74.62 -0.28 7.09
LAB*LAB 74.62 -0.28 7.09
LAB*LAB 74.62 -0.28 7.09

relative CIELAB lab*
lab*lab 0.191 -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*ch 0.191 0.0 0.25
lab*nch 0.125 0.25 0.256
lab*ch 0.191 0.0 0.25
lab*nch 0.125 0.25 0.256

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 1.0 0.805 0.25 (1.0)
cmyn3* 0.0 0.195 0.75 0.0
olv4* 1.0 0.805 0.25 1.0
cmyn4* 0.0 0.195 0.75 0.0
standard and adapted CIELAB
LAB*LAB 90.89 -0.85 21.28
LAB*LAB 90.89 -0.85 21.28
LAB*LAB 90.89 -0.85 21.28
LAB*LAB 90.89 -0.85 21.28

relative CIELAB lab*
lab*lab 0.824 -0.029 0.749
lab*ch 0.625 0.5 0.256
lab*nch 0.0 0.75 0.256
relative Natural Colour (NC)
lab*ch 0.824 0.0 0.75
lab*nch 0.625 0.5 0.256
lab*ch 0.824 0.0 0.75
lab*nch 0.625 0.5 0.256

relative Inform. Technology (IT)
olv3* 1.0 0.74 0.0 (1.0)
cmyn3* 0.0 0.26 1.0 (0.0)
olv4* 1.0 0.74 0.0 1.0
cmyn4* 0.0 0.13 0.5 0.25
standard and adapted CIELAB
LAB*LAB 89.38 -1.14 28.37
LAB*LAB 89.38 -1.14 28.37
LAB*LAB 89.38 -1.14 28.37
LAB*LAB 89.38 -1.14 28.37

relative CIELAB lab*
lab*lab 0.766 -0.039 0.999
lab*ch 0.5 1.0 0.256
lab*nch 0.0 1.0 0.256
relative Natural Colour (NC)
lab*ch 0.766 0.0 1.0
lab*nch 0.5 1.0 0.256
lab*ch 0.766 0.0 1.0
lab*nch 0.5 1.0 0.256

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.25 0.445 1.0 (0.0)
olv4* 1.0 0.805 0.25 0.75
cmyn4* 0.0 0.195 0.75 0.25
standard and adapted CIELAB
LAB*LAB 84.46 -0.85 21.28
LAB*LAB 84.46 -0.85 21.28
LAB*LAB 84.46 -0.85 21.28
LAB*LAB 84.46 -0.85 21.28

relative CIELAB lab*
lab*lab 0.574 -0.029 0.749
lab*ch 0.375 0.5 0.256
lab*nch 0.0 0.75 0.256
relative Natural Colour (NC)
lab*ch 0.574 0.0 0.75
lab*nch 0.375 0.5 0.256
lab*ch 0.574 0.0 0.75
lab*nch 0.375 0.5 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 70.19 -0.56 14.19
LAB*LAB 70.19 -0.56 14.19
LAB*LAB 70.19 -0.56 14.19
LAB*LAB 70.19 -0.56 14.19

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.25 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 1.0 0.0 0.0

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.0$

relative Buntheit c^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

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

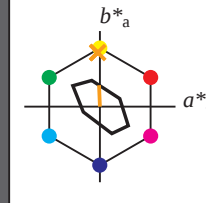
lab^*ch und lab^*nch

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*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 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ch 1.0 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* 0.0 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 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
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 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (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 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 69.7 0.0 0.0
LAB*LAB 69.7 0.0 0.0
LAB*LAB 69.7 0.0 0.0
LAB*LAB 69.7 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 1.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

$n^* = 1.0$

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

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

BAM-Prüfvorlage OG59; Farbmetrik-Systeme TLS70 & TLS70 input: $cmy0^* \text{ setcmykcolor}$
D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne output: $cmy0^* / 000n^* \text{ setcmykcolor}$

0	L	V
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