

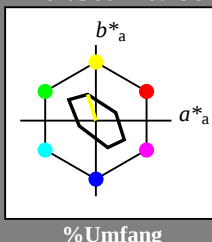
Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 107/360 = 0.298$ lab^*ch 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)
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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	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	
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relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
LAB*Lab	88.98	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
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	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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
LAB*Lab	94.67	-5.37	17.31	
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LAB*Lab	94.67	-5.37	17.31	

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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
LAB*Lab	94.67	-5.37	17.31	
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LAB*Lab	94.67	-5.37	17.31	
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relative Inform. Technology (IT)

olv3*	1.0	1.0	1.
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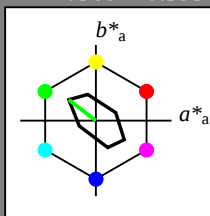
Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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^* 

%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)

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*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*tr 1.0 0.0 0.0

lab*tc 1.0 0.0 0.0

lab*nc 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)

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

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*tr 0.75 0.0 0.0

lab*tc 0.75 0.0 0.0

lab*nc 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)

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

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*tr 0.5 0.0 0.0

lab*tc 0.5 0.0 0.0

lab*nc 0.0 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)

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

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*tr 0.25 0.0 0.0

lab*tc 0.25 0.0 0.0

lab*nc 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)

LAB*LAB 69.17 0.0 0.0

LAB*Lab 69.17 0.0 0.0

LAB*Lab 69.17 0.0 0.0

LAB*Lab 69.17 0.0 0.0

standard and adapted CIELAB

LAB*LAB 69.17 0.0 0.0

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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*tr 0.0 0.0 0.0

lab*tc 0.0 0.0 0.0

lab*nc 1.0 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)

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relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

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olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

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lab*nc 1.0 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
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* 0.5 1.0 0.5 (1.0)

cmyn3* 0.5 0.0 0.5 (0.0)

olv4* 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

LAB*Lab 92.36 -17.89 13.82

LAB*Lab 92.36 -17.89 13.82

LAB*Lab 92.36 -17.89 13.82

standard and adapted CIELAB

LAB*LAB 92.36 -17.89 13.82

LAB*Lab 92.36 -17.89 13.82

LAB*Lab 92.36 -17.89 13.82

LAB*Lab 92.36 -17.89 13.82

relative CIELAB lab*

lab*lab 0.881 -0.395 0.305

lab*ch 0.75 0.5 0.395

lab*nch 0.0 0.5 0.395

relative Natural Colour (NC)

lab*tr 0.881 -0.45 0.216

lab*tc 0.75 0.5 0.429

lab*nc 0.0 0.5 0.171

relative Inform. Technology (IT)

olv3* 0.25 0.75 0.25 (1.0)

cmyn3* 0.75 0.25 0.75 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

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

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 0.881 -0.395 0.305

lab*ch 0.75 0.5 0.395

lab*nch 0.0 0.5 0.395

relative Natural Colour (NC)

lab*tr 0.881 -0.45 0.216

lab*tc 0.75 0.5 0.429

lab*nc 0.0 0.5 0.171

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.0 (1.0)

cmyn3* 0.75 0.25 0.75 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

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

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 0.881 -0.395 0.305

lab*ch 0.75 0.5 0.395

lab*nch 0.0 0.5 0.395

relative Natural Colour (NC)

lab*tr 0.881 -0.45 0.216

lab*tc 0.75 0.5 0.429

lab*nc 0.0 0.5 0.171

relative Inform. Technology (IT)

olv3* 0.25 0.75 0.25 (1.0)

cmyn3* 0.75 0.25 0.75 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

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

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 0.881 -0.395 0.305

lab*ch 0.75 0.5 0.395

lab*nch 0.0 0.5 0.395

relative Natural Colour (NC)

lab*tr 0.881 -0.45 0.216

lab*tc 0.75 0.5 0.429

lab*nc 0.0 0.5 0.171

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.0 (1.0)

cmyn3* 0.75 0.25 0.75 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

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

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 0.881 -0.395 0.305

lab*ch 0.75 0.5 0.395

lab*nch 0.0 0.5 0.395

relative Natural Colour (NC)

lab*tr 0.881 -0.45 0.216

lab*tc 0.75 0.5 0.429

lab*nc 0.0 0.5 0.171

relative Inform. Technology (IT)

olv3* 0.25 0.75 0.25 (1.0)

cmyn3* 0.75 0.25 0.75 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

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

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 0.881 -0.395 0.305

lab*ch 0.75 0.5 0.395

lab*nch 0.0 0.5 0.395

relative Natural Colour (NC)

lab*tr 0.881 -0.45 0.216

lab*tc 0.75 0.5 0.429

lab*nc 0.0 0.5 0.171

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.0 (1.0)

cmyn3* 0.75 0.25 0.75 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

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

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 0.881 -0.395 0.305

lab*ch 0.75 0.5 0.395

lab*nch 0.0 0.5 0.395

relative Natural Colour (NC)

lab*tr 0.881 -0.45 0.216

lab*tc 0.75 0.5 0.429

lab*nc 0.0 0.5 0.171

relative Inform. Technology (IT)

olv3* 0.25 0.75 0.25 (1.0)

cmyn3* 0.75 0.25 0.75 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

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

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 0.881 -0.395 0.305

lab*ch 0.75 0.5 0.395

lab*nch 0.0 0.5 0.395

relative Natural Colour (NC)

lab*tr 0.881 -0.45 0.216

lab*tc 0.75 0.5 0.429

lab*nc 0.0 0.5 0.171

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.0 (1.0)

cmyn3* 0.75 0.25 0.75 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

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

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 0.881 -0.395 0.305

lab*ch 0.75 0.5 0.395

lab*nch 0.0 0.5 0.395

relative Natural Colour (NC)

lab*tr 0.881 -0.45 0.216

lab*tc 0.75 0.5 0.429

lab*nc 0.0 0.5 0.171

relative Inform. Technology (IT)

olv3* 0.25 0.75 0.25 (1.0)

cmyn3* 0.75 0.25 0.75 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

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

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 0.881 -0.395 0.305

lab*ch 0.75 0.5 0.395

lab*nch 0.0 0.5 0.395

relative Natural Colour (NC)

lab*tr 0.881 -0.45 0.216

lab*tc 0.75 0.5 0.429

lab*nc 0.0 0.5 0.171

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.0 (1.0)

cmyn3* 0.75 0.25 0.75 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

LAB*LAB 85.94 -17.9 13.82

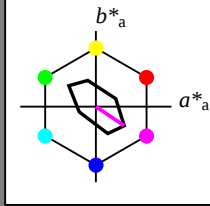
Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 326/360 = 0.906$ lab^*tch und lab^*nch

D65: Buntton M

LCH*Ma: 79 45 326

olv*Ma: 1.0 0.0 1.0

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
LAB*LAB 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 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*tce 1.0 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 88.98 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*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 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
LAB*LAB 82.56 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 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 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*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 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 69.17 0.0 0.0
LAB*LAB 69.17 0.0 0.0
LAB*LAB 69.17 0.0 0.0
LAB*LAB 69.17 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

 $n^* = 1.0$

relative Inform. Technology (IT)
olv3* 1.0 0.75 1.0 (1.0)
cmyn3* 0.0 0.25 0.0 (0.0)
olv4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.18 9.38 -6.3
LAB*LAB 91.18 9.38 -6.3
LAB*LAB 91.18 9.38 -6.3
LAB*LAB 91.18 9.38 -6.3

relative CIELAB lab*
lab*lab 0.836 0.17 -0.182
lab*tch 0.875 0.25 0.906
lab*nch 0.0 0.25 0.906
relative Natural Colour (NC)
lab*trj 0.836 0.17 -0.182
lab*tce 0.875 0.25 0.906
lab*nce 0.0 0.25 0.906

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.5 0.25 (0.0)
olv4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 84.76 9.38 -6.3
LAB*LAB 84.76 9.38 -6.3
LAB*LAB 84.76 9.38 -6.3
LAB*LAB 84.76 9.38 -6.3

relative CIELAB lab*
lab*lab 0.586 0.207 -0.139
lab*tch 0.625 0.25 0.906
lab*nch 0.25 0.25 0.906
relative Natural Colour (NC)
lab*trj 0.586 0.17 -0.182
lab*tce 0.625 0.25 0.906
lab*nce 0.25 0.25 0.906

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 78.33 9.38 -6.3
LAB*LAB 78.33 9.38 -6.3
LAB*LAB 78.33 9.38 -6.3
LAB*LAB 78.33 9.38 -6.3

relative CIELAB lab*
lab*lab 0.336 0.17 -0.182
lab*tch 0.375 0.25 0.906
lab*nch 0.25 0.25 0.906
relative Natural Colour (NC)
lab*trj 0.336 0.17 -0.182
lab*tce 0.375 0.25 0.906
lab*nce 0.25 0.25 0.906

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.25 (1.0)
cmyn3* 0.75 1.0 0.75 (0.0)
olv4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.9 9.38 -6.3
LAB*LAB 71.9 9.38 -6.3
LAB*LAB 71.9 9.38 -6.3
LAB*LAB 71.9 9.38 -6.3

relative CIELAB lab*
lab*lab 0.086 0.207 -0.139
lab*tch 0.125 0.25 0.906
lab*nch 0.25 0.25 0.906
relative Natural Colour (NC)
lab*trj 0.086 0.17 -0.182
lab*tce 0.125 0.25 0.906
lab*nce 0.25 0.25 0.906

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 69.17 0.0 0.0
LAB*LAB 69.17 0.0 0.0
LAB*LAB 69.17 0.0 0.0
LAB*LAB 69.17 0.0 0.0

 $n^* = 0.50$

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
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J _{CIE}	81.26	-2.88	71.56	71.62	92
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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 0.5 1.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.95 18.76 -12.61
LAB*LAB 86.95 18.76 -12.61
LAB*LAB 86.95 18.76 -12.61
LAB*LAB 86.95 18.76 -12.61

relative CIELAB lab*
lab*lab 0.671 0.415 -0.278
lab*tch 0.75 0.5 0.906
lab*nch 0.0 0.5 0.906
relative Natural Colour (NC)
lab*trj 0.671 0.415 -0.278
lab*tce 0.75 0.5 0.906
lab*nce 0.0 0.5 0.906

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 80.53 18.76 -12.61
LAB*LAB 80.53 18.76 -12.61
LAB*LAB 80.53 18.76 -12.61
LAB*LAB 80.53 18.76 -12.61

relative CIELAB lab*
lab*lab 0.421 0.415 -0.278
lab*tch 0.5 0.5 0.906
lab*nch 0.25 0.5 0.906
relative Natural Colour (NC)
lab*trj 0.421 0.415 -0.278
lab*tce 0.5 0.5 0.906
lab*nce 0.25 0.5 0.906

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.5 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olv4* 1.0 0.25 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.3 28.14 -18.92
LAB*LAB 76.3 28.14 -18.92
LAB*LAB 76.3 28.14 -18.92
LAB*LAB 76.3 28.14 -18.92

relative CIELAB lab*
lab*lab 0.257 0.622 -0.418
lab*tch 0.375 0.75 0.906
lab*nch 0.25 0.75 0.906
relative Natural Colour (NC)
lab*trj 0.257 0.622 -0.418
lab*tce 0.375 0.75 0.906
lab*nce 0.25 0.75 0.906

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.25 (1.0)
cmyn3* 0.75 1.0 0.75 (0.0)
olv4* 1.0 0.25 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.1 18.76 -12.61
LAB*LAB 74.1 18.76 -12.61
LAB*LAB 74.1 18.76 -12.61
LAB*LAB 74.1 18.76 -12.61

relative CIELAB lab*
lab*lab 0.171 0.415 -0.278
lab*tch 0.25 0.5 0.906
lab*nch 0.25 0.5 0.906
relative Natural Colour (NC)
lab*trj 0.171 0.415 -0.278
lab*tce 0.25 0.5 0.906
lab*nce 0.25 0.5 0.906

 $n^* = 0.25$ $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$ $n^* = 9.25$ $n^* = 9.50$ $n^* = 9.75$ $n^* = 10.00$ $n^* = 10.25$ $n^* = 10.50$ $n^* = 10.75$ $n^* = 11.00$ $n^* = 11.25$ $n^* = 11.50$ $n^* = 11.75$ $n^* = 12.00$ $n^* = 12.25$ $n^* = 12.50$ $n^* = 12.75$ $n^* = 13.00$ $n^* = 13.25$ $n^* = 13.50$ $n^* = 13.75$ $n^* = 14.00$ $n^* = 14.25$ $n^* = 14.50$ $n^* = 14.75$ $n^* = 15.00$ $n^* = 15.25$ $n^* = 15.50$ $n^* = 15.75$ $n^* = 16.00$ $n^* = 16.25$ $n^* = 16.50$ $n^* = 16.75$ $n^* = 17.00$ $n^* = 17.25$ $n^* = 17.50$ $n^* = 17.75$ $n^* = 18.00$ $n^* = 18.25$ $n^* = 18.50$ $n^* = 18.75$ $n^* = 19.00$ $n^* = 19.25$ $n^* = 19.50$ $n^* = 19.75$ $n^* = 20.00$ $n^* = 20.25$ $n^* = 20.50$ $n^* = 20.75$ $n^* = 21.00$ $n^* = 21.25$ $n^* = 21.50$ $n^* = 21.75$ $n^* = 22.00$ $n^* = 22.25$ $n^* = 22.50$ $n^* = 22.75$ $n^* = 23.00$ $n^* = 23.25$ $n^* = 23.50$ $n^* = 23.75$ $n^* = 24.00$ $n^* = 24.25$ $n^* = 24.50$ $n^* = 24.75$ $n^* = 25.00$ $n^* = 25.25$ $n^* = 25.50$ $n^* = 25.75$ $n^* = 26.00$ $n^* = 26.25$ $n^* = 26.50$ $n^* = 26.75$ $n^* = 27.00$ $n^* = 27.25$ $n^* = 27.50$ $n^* = 27.75$ $n^* = 28.00$ $n^* = 28.25$ $n^* = 28.50$ $n^* = 28.75$ $n^* = 29.00$ $n^* = 29.25$ $n^* = 29.50$ $n^* = 29.75$ $n^* = 30.00$ $n^* = 30.2$

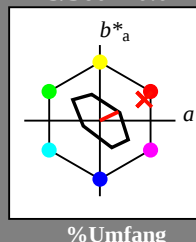
Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 77 27 25

olv*Ma: 1.0 0.05 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*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

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

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

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

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 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 0.75 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

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 76.13 5.16 0.0

LAB*LAB 76.13 5.16 0.0

LAB*LAB 76.13 5.16 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 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 69.10 0.0 0.0

LAB*LAB 69.10 0.0 0.0

LAB*LAB 69.10 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

relative Natural Colour (NC)

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)

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 50.00 0.0 0.0

LAB*LAB 50.00 0.0 0.0

LAB*LAB 50.00 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

relative Natural Colour (NC)

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)

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 32.56 0.0 0.0

LAB*LAB 32.56 0.0 0.0

LAB*LAB 32.56 0.0 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 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 90.87 6.13 2.92

LAB*LAB 90.87 6.13 2.92

LAB*LAB 90.87 6.13 2.92

relative CIELAB lab*

lab*lab 0.823 0.226 0.108

lab*lab 0.875 0.25 0.071

lab*lab 0.875 0.25 0.071

relative Natural Colour (NC)

lab*lab 0.823 0.25 0.0

lab*lab 0.875 0.25 0.0

lab*lab 0.875 0.25 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 84.44 6.14 2.92

LAB*LAB 84.44 6.14 2.92

LAB*LAB 84.44 6.14 2.92

relative CIELAB lab*

lab*lab 0.75 0.23 0.108

lab*lab 0.625 0.25 0.071

lab*lab 0.625 0.25 0.071

relative Natural Colour (NC)

lab*lab 0.75 0.23 0.0

lab*lab 0.625 0.25 0.0

lab*lab 0.625 0.25 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 78.01 6.14 2.92

LAB*LAB 78.01 6.14 2.92

LAB*LAB 78.01 6.14 2.92

relative CIELAB lab*

lab*lab 0.323 0.226 0.108

lab*lab 0.375 0.25 0.071

lab*lab 0.375 0.25 0.071

relative Natural Colour (NC)

lab*lab 0.323 0.25 0.0

lab*lab 0.375 0.25 0.0

lab*lab 0.375 0.25 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 73.47 12.27 5.85

LAB*LAB 73.47 12.27 5.85

LAB*LAB 73.47 12.27 5.85

relative CIELAB lab*

lab*lab 0.147 0.451 0.215

lab*lab 0.25 0.5 0.071

lab*lab 0.25 0.5 0.071

relative Natural Colour (NC)

lab*lab 0.147 0.5 0.0

lab*lab 0.25 0.5 0.0

lab*lab 0.25 0.5 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 50.00 0.0 0.0

LAB*LAB 50.00 0.0 0.0

LAB*LAB 50.00 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

relative Natural Colour (NC)

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)

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 32.56 0.0 0.0

LAB*LAB 32.56 0.0 0.0

LAB*LAB 32.56 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

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 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
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 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 86.33 12.27 5.85

LAB*LAB 86.33 12.27 5.85

LAB*LAB 86.33 12.27 5.85

relative CIELAB lab*

lab*lab 0.647 0.451 0.215

lab*lab 0.75 0.5 0.071

lab*lab 0.75 0.5 0.071

relative Natural Colour (NC)

lab*lab 0.647 0.5 0.0

lab*lab 0.75 0.5 0.0

lab*lab 0.75 0.5 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 79.9 12.27 5.85

LAB*LAB 79.9 12.27 5.85

LAB*LAB 79.9 12.27 5.85

relative CIELAB lab*

lab*lab 0.397 0.451 0.215

lab*lab 0.5 0.5 0.071

lab*lab 0.5 0.5 0.071

relative Natural Colour (NC)

lab*lab 0.397 0.5 0.0

lab*lab 0.5 0.5 0.0

lab*lab 0.5 0.5 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 73.47 12.27 5.85

LAB*LAB 73.47 12.27 5.85

LAB*LAB 73.47 12.27 5.85

relative CIELAB lab*

lab*lab 0.147 0.451 0.215

lab*lab 0.25 0.5 0.071

lab*lab 0.25 0.5 0.071

relative Natural Colour (NC)

lab*lab 0.147 0.5 0.0

lab*lab 0.25 0.5 0.0

lab*lab 0.25 0.5 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 50.00 0.0 0.0

LAB*LAB 50.00 0.0 0.0

LAB*LAB 50.00 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

relative Natural Colour (NC)

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)

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 32.56 0.0 0.0

LAB*LAB 32.56 0.0 0.0

LAB*LAB 32.56 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

relative Natural Colour (NC)

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)

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 32.56 0.0 0.0

LAB*LAB 32.56 0.0 0.0

LAB*LAB 32.56 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

relative Natural Colour (NC)

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)

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 81.79 18.4 8.77

LAB*LAB 81.79 18.4 8.77

LAB*LAB 81.79 18.4 8.77

relative CIELAB lab*

lab*lab 0.677 0.323

lab*lab 0.625 0.75 0.071

lab*lab 0.625 0.75 0.071

relative Natural Colour (NC)

lab*lab 0.677 0.75 0.0

lab*lab 0.625 0.75 0.0

lab*lab 0.625 0.75 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 77.25 24.54 11.69

LAB*LAB 77.25 24.54 11.69

LAB*LAB 77.25 24.54 11.69

relative CIELAB lab*

lab*lab 0.284 0.903 0.43

lab*lab 0.5 1.0 0.071

lab*lab 0.5 1.0 0.071

relative Natural Colour (NC)

lab*lab 0.284 1.0 0.0

lab*lab 0.5 1.0 0.0

lab*lab 0.5 1.0 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 72.5 24.54 11.69

LAB*LAB 72.5 24.54 11.69

LAB*LAB 72.5 24.54 11.69

relative CIELAB lab*

lab*lab 0.22 0.677 0.323

lab*lab 0.375 0.75 0.071

lab*lab 0.375 0.75 0.071

relative Natural Colour (NC)

lab*lab 0.22 0.75 0.0

lab*lab 0.375 0.75 0.0

lab*lab 0.375 0.75 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 50.00 0.0 0.0

LAB*LAB 50.00 0.0 0.0

LAB*LAB 50.00 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

relative Natural Colour (NC)

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)

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 32.56 0.0 0.0

LAB*LAB 32.56 0.0 0.0

LAB*LAB 32.56 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

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25</$

Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

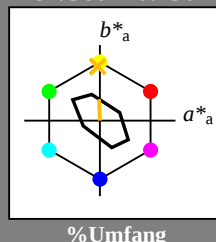
lab^*ich und lab^*nch

D65: Buntton J

LCH*Ma: 89 28 92

olv*Ma: 1.0 0.74 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 16$

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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	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	

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*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	

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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	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	

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	

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	

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	

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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
LAB*Lab	89.00	0.0	0.0	
LAB*Lab	89.00	0.0	0.0	
LAB*Lab	89.00	0.0	0.0	

standard and adapted CIELAB

LAB*Lab	89.00	0.0	0.0	
LAB*Lab	89.00	0.0	0.0	
LAB*Lab	89.00	0.0	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	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

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

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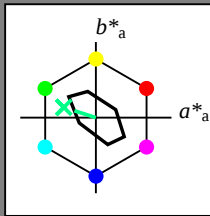
Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 162/360 = 0.451$ lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 90 30 162

olv*Ma: 0.0 1.0 0.53

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*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

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*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

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

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

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 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*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 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 69.13 0.0 0.0

LAB*LAB 69.13 0.0 0.0

LAB*LAB 69.13 0.0 0.0

LAB*LAB 69.13 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 Natural Colour (NC)

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)

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 69.13 0.0 0.0

LAB*LAB 69.13 0.0 0.0

LAB*LAB 69.13 0.0 0.0

LAB*LAB 69.13 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 Natural Colour (NC)

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)

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 69.13 0.0 0.0

LAB*LAB 69.13 0.0 0.0

LAB*LAB 69.13 0.0 0.0

LAB*LAB 69.13 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 Natural Colour (NC)

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)

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 69.13 0.0 0.0

LAB*LAB 69.13 0.0 0.0

LAB*LAB 69.13 0.0 0.0

LAB*LAB 69.13 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 Natural Colour (NC)

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

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* 0.5 1.0 0.75 (1.0)

cmyn3* 0.5 0.0 0.25 (0.0)

olv4* 0.5 1.0 0.75 (1.0)

cmyn4* 0.5 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 92.79 -14.2 4.55

LAB*LAB 92.79 -14.2 4.55

LAB*LAB 92.79 -14.2 4.55

LAB*LAB 92.79 -14.2 4.55

relative CIELAB lab*

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

relative Natural Colour (NC)

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

relative Inform. Technology (IT)

olv3* 0.25 0.75 0.5 (1.0)

cmyn3* 0.75 0.25 0.451

olv4* 0.5 1.0 0.75 (1.0)

cmyn4* 0.5 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 86.37 -14.2 4.56

LAB*LAB 86.37 -14.2 4.56

LAB*LAB 86.37 -14.2 4.56

LAB*LAB 86.37 -14.2 4.56

relative CIELAB lab*

lab*lab 0.847 -0.713 0.229

lab*lab 0.847 -0.713 0.229

lab*lab 0.847 -0.713 0.229

lab*lab 0.847 -0.713 0.229

relative Natural Colour (NC)

lab*lab 0.847 -0.713 0.229

lab*lab 0.847 -0.713 0.229

lab*lab 0.847 -0.713 0.229

lab*lab 0.847 -0.713 0.229

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.4 (1.0)

cmyn3* 0.75 0.0 0.451

olv4* 0.25 1.0 0.65 (0.0)

cmyn4* 0.75 0.0 0.35 (0.0)

standard and adapted CIELAB

LAB*LAB 85.06 -21.3 6.83

LAB*LAB 85.06 -21.3 6.83

LAB*LAB 85.06 -21.3 6.83

LAB*LAB 85.06 -21.3 6.83

relative CIELAB lab*

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

relative Natural Colour (NC)

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.25 (1.0)

cmyn3* 0.5 0.0 0.5 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 79.94 -14.2 4.56

LAB*LAB 79.94 -14.2 4.56

LAB*LAB 79.94 -14.2 4.56

LAB*LAB 79.94 -14.2 4.56

relative CIELAB lab*

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

relative Natural Colour (NC)

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

relative Inform. Technology (IT)

olv3* 0.0 0.25 0.125 (1.0)

cmyn3* 0.75 0.25 0.451

olv4* 0.25 1.0 0.65 (0.0)

cmyn4* 0.75 0.25 0.451

standard and adapted CIELAB

LAB*LAB 74.82 -7.09 2.28

LAB*LAB 74.82 -7.09 2.28

LAB*LAB 74.82 -7.09 2.28

LAB*LAB 74.82 -7.09 2.28

relative CIELAB lab*

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

relative Natural Colour (NC)

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

relative Inform. Technology (IT)

olv3* 0.25 1.0 0.75 (1.0)

cmyn3* 0.25 0.0 0.25 (0.0)

olv4* 0.25 1.0 0.75 (1.0)

cmyn4* 0.25 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 91.48 -21.3 6.83

LAB*LAB 91.48 -21.3 6.83

LAB*LAB 91.48 -21.3 6.83

LAB*LAB 91.48 -21.3 6.83

relative CIELAB lab*

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

relative Natural Colour (NC)

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

lab*lab 0.898 -0.475 0.153

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.4 (1.0)

cmyn3* 0.75 0.0 0.451

olv4* 0.25 1.0 0.65 (0.0)

cmyn4* 0.75 0.0 0.35 (0.0)

standard and adapted CIELAB

LAB*LAB 85.06 -21.3 6.83

LAB*LAB 85.06 -21.3 6.83

LAB*LAB 85.06 -21.3 6.83

LAB*LAB 85.06 -21.3 6.83

relative CIELAB lab*

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

relative Natural Colour (NC)

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

lab*lab 0.597 -0.713 0.229

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.25 (1.0)

cmyn3* 0.5 0.0 0.5 (0.0)

olv4* 0.5 1.0 0.5 (1.0)

cmyn4* 0.5 0.0 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 79.94 -14.2 4.56

LAB*LAB 79.94 -14.2 4.56

LAB*LAB 79.94 -14.2 4.56

LAB*LAB 79.94 -14.2 4.56

relative CIELAB lab*

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

relative Natural Colour (NC)

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

lab*lab 0.398 -0.475 0.153

relative Inform. Technology (IT)

olv3* 0.0 0.25 0.125 (1.0)

cmyn3* 0.75 0.25 0.451

olv4* 0.25 1.0 0.65 (0.0)

cmyn4* 0.75 0.25 0.451

standard and adapted CIELAB

LAB*LAB 74.82 -7.09 2.28

LAB*LAB 74.82 -7.09 2.28

LAB*LAB 74.82 -7.09 2.28

LAB*LAB 74.82 -7.09 2.28

relative CIELAB lab*

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

relative Natural Colour (NC)

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

lab*lab 0.199 -0.237 0.076

relative Inform. Technology (IT)

olv3* 0.0 0.125 0.0625 (1.0)

cmyn3* 0.75 0.25 0.451

olv4* 0.125 1.0 0.65 (0.0)

cmyn4* 0.75 0.25 0.451

standard and adapted CIELAB

LAB*LAB 69.13 -7.09 2.28

LAB*LAB 69.13 -7.09 2.28

LAB*LAB 69.13 -7.09 2.28

LAB*LAB 69.13 -7.09 2.28

relative CIELAB lab*

lab*lab 0.099 -0.118 0.038

lab*lab 0.099 -0.118 0.038

lab*lab 0.099 -0.118 0.038

lab*lab 0.099 -0.118 0.038

relative Natural Colour (NC)

lab*lab 0.099 -0.118 0.038

lab*lab 0.099 -0.118 0.038

lab*lab 0.099 -0.118 0.038

lab*lab 0.099 -0.118 0.038

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$

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