

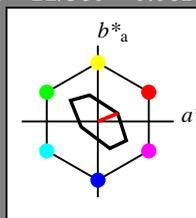
Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

lab^*ch und lab^*nch

D65: Buntton O
 LCH*Ma: 76 28 22
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 16$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*TCHa	99.99	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	1.0	0.75	0.75	1.0
cmv4*	0.0	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	90.66	6.56	2.64	0.0
LAB*LABa	90.66	6.56	2.64	0.0
LAB*TCHa	87.5	7.08	21.92	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.5	0.5	(1.0)
cmv3*	0.0	0.5	0.5	(0.0)
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	85.92	13.13	5.28	0.0
LAB*LABa	85.92	13.13	5.28	0.0
LAB*TCHa	75.0	14.16	21.92	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.25	0.25	(1.0)
cmv3*	0.0	0.75	0.75	(0.0)
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	81.17	19.7	7.93	0.0
LAB*LABa	81.17	19.7	7.93	0.0
LAB*TCHa	62.5	21.23	21.92	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.0	1.0	1.0	(0.0)
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	0.0
LAB*LABa	75.0	0.0	0.0	0.0
LAB*TCHa	50.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	88.98	0.0	0.0	0.0
LAB*LABa	88.98	0.0	0.0	0.0
LAB*TCHa	75.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.5	(1.0)
cmv3*	0.25	0.5	0.5	(0.0)
ohv4*	1.0	0.75	0.75	1.0
cmv4*	0.0	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	84.24	6.57	2.64	0.0
LAB*LABa	84.24	6.57	2.64	0.0
LAB*TCHa	62.5	7.08	21.92	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.25	0.25	(1.0)
cmv3*	0.25	0.75	0.75	(0.0)
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	79.49	13.14	5.29	0.0
LAB*LABa	79.49	13.14	5.29	0.0
LAB*TCHa	50.0	14.16	21.92	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.0	(1.0)
cmv3*	0.25	1.0	1.0	(0.0)
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	0.0
LAB*LABa	75.0	0.0	0.0	0.0
LAB*TCHa	50.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	76.45	26.26	10.57	0.0
LAB*LABa	76.45	26.26	10.57	0.0
LAB*TCHa	50.0	28.31	21.92	0.0

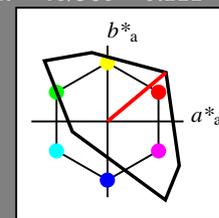
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 40/360 = 0.111$

lab^*ch und lab^*nch

D65: Buntton O
 LCH*Ma: 51 100 40
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 158$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*TCHa	99.99	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	84.18	19.22	16.13	0.0
LAB*LABa	84.18	19.22	16.13	0.0
LAB*TCHa	87.5	25.09	40.0	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.5	0.5	(1.0)
cmv3*	0.0	0.5	0.5	(0.0)
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	72.95	38.45	32.27	0.0
LAB*LABa	72.95	38.45	32.27	0.0
LAB*TCHa	75.0	50.2	40.0	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.25	0.25	(1.0)
cmv3*	0.0	0.75	0.75	(0.0)
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	60.33	19.23	16.14	0.0
LAB*LABa	60.33	19.23	16.14	0.0
LAB*TCHa	62.5	25.1	40.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	88.92	0.0	0.0	0.0
LAB*LABa	88.92	0.0	0.0	0.0
LAB*TCHa	75.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.5	(1.0)
cmv3*	0.25	0.5	0.5	(0.0)
ohv4*	1.0	0.75	0.75	1.0
cmv4*	0.0	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	80.33	19.23	16.14	0.0
LAB*LABa	80.33	19.23	16.14	0.0
LAB*TCHa	62.5	25.1	40.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.25	0.25	(1.0)
cmv3*	0.25	0.75	0.75	(0.0)
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	76.45	26.26	10.57	0.0
LAB*LABa	76.45	26.26	10.57	0.0
LAB*TCHa	50.0	28.31	21.92	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	76.45	26.26	10.57	0.0
LAB*LABa	76.45	26.26	10.57	0.0
LAB*TCHa	50.0	28.31	21.92	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	50.0	0.0	0.0	0.0
LAB*LABa	50.0	0.0	0.0	0.0
LAB*TCHa	50.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	82.56	0.0	0.0	0.0
LAB*LABa	82.56	0.0	0.0	0.0
LAB*TCHa	50.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.25	0.25	(1.0)
cmv3*	0.25	0.75	0.75	(0.0)
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	77.31	6.57	2.64	0.0
LAB*LABa	77.31	6.57	2.64	0.0
LAB*TCHa	37.5	7.08	21.92	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.0	(1.0)
cmv3*	0.25	1.0	1.0	(0.0)
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	0.0
LAB*LABa	75.0	0.0	0.0	0.0
LAB*TCHa	50.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.446	0.696	0.28	(1.0)
cmv3*	0.625	0.75	0.061	(0.0)
ohv4*	1.0	0.5	0.061	1.0
cmv4*	0.0	0.75	0.061	0.0
standard and adapted CIELAB				
LAB*LAB	74.75	19.7	7.93	0.0
LAB*LABa	74.75	19.7	7.93	0.0
LAB*TCHa	37.51	21.23	21.92	0.0

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.0	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	50.0	0.0	0.0	0.0
LAB*LABa	50.0	0.0	0.0	0.0
LAB*TCHa	50.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	50.0	0.0	0.0	0.0
LAB*LABa	50.0	0.0	0.0	0.0
LAB*TCHa	50.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	76.45	26.26	10.57	0.0
LAB*LABa	76.45	26.26	10.57	0.0
LAB*TCHa	50.0	28.31	21.92	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	50.0	0.0	0.0	0.0
LAB*LABa	50.0	0.0	0.0	0.0
LAB*TCHa	50.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.25	0.25	(1.0)
cmv3*	0.25			

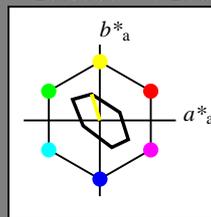
Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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^*



%Umfang

$u^*_{rel} = 16$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCRa	99.99	0.0	0.0	0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	88.98	0.0	0.0	0.0
LAB*LAB	88.98	0.0	0.0	0.0
LAB*TCRa	75.00	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	0.0
lab*ch	0.75	0.0	0.0	0.0
lab*nch	0.75	0.0	0.0	0.0
relative Natural Colour (NC)				
lab*trj	0.75	0.0	0.0	0.0
lab*trc	0.75	0.0	0.0	0.0
lab*trc	0.25	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	82.56	0.0	0.0	0.0
LAB*LAB	82.56	0.0	0.0	0.0
LAB*TCRa	50.00	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	0.0
lab*ch	0.5	0.0	0.0	0.0
lab*nch	0.5	0.0	0.0	0.0
relative Natural Colour (NC)				
lab*trj	0.5	0.0	0.0	0.0
lab*trc	0.5	0.0	0.0	0.0
lab*trc	0.3	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	76.13	0.0	0.0	0.0
LAB*LAB	76.13	0.0	0.0	0.0
LAB*TCRa	25.00	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	0.0
lab*ch	0.25	0.0	0.0	0.0
lab*nch	0.25	0.0	0.0	0.0
relative Natural Colour (NC)				
lab*trj	0.25	0.0	0.0	0.0
lab*trc	0.25	0.0	0.0	0.0
lab*trc	0.15	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	69.77	0.0	0.0	0.0
LAB*LAB	69.77	0.0	0.0	0.0
LAB*TCRa	0.01	0.0	0.0	0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	99.99	0.0	0.0	0.0
LAB*LAB	99.99	0.0	0.0	0.0
LAB*TCRa	0.01	0.0	0.0	0.0

relative CIELAB lab*

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

TLS70; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	76.43	26.27	10.57	28.32	22
YMa	93.93	-10.76	34.63	36.27	107
LMa	89.32	-35.8	27.64	45.24	142
CMa	90.93	-21.95	-7.07	23.07	198
VMa	72.1	15.76	-35.63	38.97	294
MMa	78.5	37.52	-25.23	45.22	326
NMa	69.7	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)	
cmv3*	0.0	0.0	0.0	(0.0)	
ohv4*	1.0	1.0	1.0	1.0	
cmv4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	94.67	-5.37	17.31	0.0	0.0
LAB*LAB	94.67	-5.37	17.31	0.0	0.0
LAB*TCRa	75.00	18.13	107.28	0.0	0.0

relative CIELAB lab*

lab*lab	0.971	-0.147	0.477	0.0	0.0
lab*ch	0.75	0.5	0.298	0.0	0.0
lab*nch	0.0	0.0	0.75	0.0	0.0
relative Natural Colour (NC)					
lab*trj	0.971	-0.147	0.477	0.0	0.0
lab*trc	0.75	0.5	0.298	0.0	0.0
lab*trc	0.0	0.0	0.75	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)	
cmv3*	0.0	0.0	0.0	(0.0)	
ohv4*	1.0	1.0	1.0	1.0	
cmv4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	88.24	-5.38	17.32	0.0	0.0
LAB*LAB	88.24	-5.38	17.32	0.0	0.0
LAB*TCRa	50.00	18.13	107.28	0.0	0.0

relative CIELAB lab*

lab*lab	0.971	-0.222	0.716	0.0	0.0
lab*ch	0.625	0.75	0.298	0.0	0.0
lab*nch	0.0	0.0	0.75	0.0	0.0
relative Natural Colour (NC)					
lab*trj	0.971	-0.222	0.716	0.0	0.0
lab*trc	0.625	0.75	0.298	0.0	0.0
lab*trc	0.0	0.0	0.75	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)	
cmv3*	0.0	0.0	0.0	(0.0)	
ohv4*	1.0	1.0	1.0	1.0	
cmv4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	82.56	-5.37	17.31	0.0	0.0
LAB*LAB	82.56	-5.37	17.31	0.0	0.0
LAB*TCRa	37.5	9.07	107.28	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	0.0	0.0
lab*ch	0.75	0.0	0.0	0.0	0.0
lab*nch	0.75	0.0	0.0	0.0	0.0
relative Natural Colour (NC)					
lab*trj	0.75	0.0	0.0	0.0	0.0
lab*trc	0.75	0.0	0.0	0.0	0.0
lab*trc	0.25	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)	
cmv3*	0.0	0.0	0.0	(0.0)	
ohv4*	1.0	1.0	1.0	1.0	
cmv4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	76.13	-5.37	17.31	0.0	0.0
LAB*LAB	76.13	-5.37	17.31	0.0	0.0
LAB*TCRa	25.00	18.13	107.28	0.0	0.0

relative CIELAB lab*

lab*lab	0.471	-0.147	0.477	0.0	0.0
lab*ch	0.25	0.5	0.298	0.0	0.0
lab*nch	0.0	0.0	0.75	0.0	0.0
relative Natural Colour (NC)					
lab*trj	0.471	-0.147	0.477	0.0	0.0
lab*trc	0.25	0.5	0.298	0.0	0.0
lab*trc	0.0	0.0	0.75	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)	
cmv3*	1.0	1.0	1.0	(0.0)	
ohv4*	1.0	1.0	1.0	1.0	
cmv4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	99.99	0.0	0.0	0.0	0.0
LAB*LAB	99.99	0.0	0.0	0.0	0.0
LAB*TCRa	0.01	0.0	0.0	0.0	0.0

relative CIELAB lab*

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

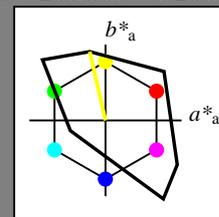
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

lab^*ch und lab^*nch

D65: Buntton Y
 LCH*Ma: 93 93 103
 olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCRa	99.99	0.0	0.0	0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	71.57	0.0	0.0	0.0
LAB*LAB	71.57	0.0	0.0	0.0
LAB*TCRa	75.00	0.0	0.0	0.0

relative CIELAB lab*

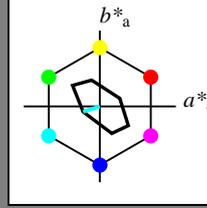
lab*lab	0.75	0.0	0.0	0.0
lab*ch	0.75	0.0	0.0	0.0
lab*nch	0.75	0.0	0.0	0.0
relative Natural Colour (NC)				
lab*trj	0.75	0.0	0.0	0.0

Eingabe: Farbmatisches Fernseh-Licht-System TLS70

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

D65: Buntton C
 LCH*Ma: 91 23 198
 olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi2*	0.0	0.0	0.0	(0.0)
olvi1*	1.0	1.0	1.0	(1.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi-1*	0.0	0.0	0.0	(0.0)
olvi-2*	0.0	0.0	0.0	(0.0)
olvi-3*	0.0	0.0	0.0	(0.0)
olvi-4*	0.0	0.0	0.0	(0.0)
olvi-5*	0.0	0.0	0.0	(0.0)
olvi-6*	0.0	0.0	0.0	(0.0)
olvi-7*	0.0	0.0	0.0	(0.0)
olvi-8*	0.0	0.0	0.0	(0.0)
olvi-9*	0.0	0.0	0.0	(0.0)
olvi-10*	0.0	0.0	0.0	(0.0)
olvi-11*	0.0	0.0	0.0	(0.0)
olvi-12*	0.0	0.0	0.0	(0.0)
olvi-13*	0.0	0.0	0.0	(0.0)
olvi-14*	0.0	0.0	0.0	(0.0)
olvi-15*	0.0	0.0	0.0	(0.0)
olvi-16*	0.0	0.0	0.0	(0.0)
olvi-17*	0.0	0.0	0.0	(0.0)
olvi-18*	0.0	0.0	0.0	(0.0)
olvi-19*	0.0	0.0	0.0	(0.0)
olvi-20*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi2*	0.25	0.25	0.25	(0.0)
olvi1*	1.0	1.0	1.0	(1.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi-1*	0.0	0.0	0.0	(0.0)
olvi-2*	0.0	0.0	0.0	(0.0)
olvi-3*	0.0	0.0	0.0	(0.0)
olvi-4*	0.0	0.0	0.0	(0.0)
olvi-5*	0.0	0.0	0.0	(0.0)
olvi-6*	0.0	0.0	0.0	(0.0)
olvi-7*	0.0	0.0	0.0	(0.0)
olvi-8*	0.0	0.0	0.0	(0.0)
olvi-9*	0.0	0.0	0.0	(0.0)
olvi-10*	0.0	0.0	0.0	(0.0)
olvi-11*	0.0	0.0	0.0	(0.0)
olvi-12*	0.0	0.0	0.0	(0.0)
olvi-13*	0.0	0.0	0.0	(0.0)
olvi-14*	0.0	0.0	0.0	(0.0)
olvi-15*	0.0	0.0	0.0	(0.0)
olvi-16*	0.0	0.0	0.0	(0.0)
olvi-17*	0.0	0.0	0.0	(0.0)
olvi-18*	0.0	0.0	0.0	(0.0)
olvi-19*	0.0	0.0	0.0	(0.0)
olvi-20*	0.0	0.0	0.0	(0.0)

TLS70; adaptierte CIELAB-Daten

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

%Regularität
 $g^*_{H,rel} = 34$
 $g^*_{C,rel} = 51$

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi2*	0.25	0.25	0.25	(0.0)
olvi1*	1.0	1.0	1.0	(1.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi-1*	0.0	0.0	0.0	(0.0)
olvi-2*	0.0	0.0	0.0	(0.0)
olvi-3*	0.0	0.0	0.0	(0.0)
olvi-4*	0.0	0.0	0.0	(0.0)
olvi-5*	0.0	0.0	0.0	(0.0)
olvi-6*	0.0	0.0	0.0	(0.0)
olvi-7*	0.0	0.0	0.0	(0.0)
olvi-8*	0.0	0.0	0.0	(0.0)
olvi-9*	0.0	0.0	0.0	(0.0)
olvi-10*	0.0	0.0	0.0	(0.0)
olvi-11*	0.0	0.0	0.0	(0.0)
olvi-12*	0.0	0.0	0.0	(0.0)
olvi-13*	0.0	0.0	0.0	(0.0)
olvi-14*	0.0	0.0	0.0	(0.0)
olvi-15*	0.0	0.0	0.0	(0.0)
olvi-16*	0.0	0.0	0.0	(0.0)
olvi-17*	0.0	0.0	0.0	(0.0)
olvi-18*	0.0	0.0	0.0	(0.0)
olvi-19*	0.0	0.0	0.0	(0.0)
olvi-20*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.5	0.75	0.75	(1.0)
olvi2*	0.25	0.75	0.75	(1.0)
olvi1*	0.75	1.0	1.0	(0.75)
olvi0*	0.25	1.0	1.0	(0.75)
olvi-1*	0.0	0.0	0.0	(0.0)
olvi-2*	0.0	0.0	0.0	(0.0)
olvi-3*	0.0	0.0	0.0	(0.0)
olvi-4*	0.0	0.0	0.0	(0.0)
olvi-5*	0.0	0.0	0.0	(0.0)
olvi-6*	0.0	0.0	0.0	(0.0)
olvi-7*	0.0	0.0	0.0	(0.0)
olvi-8*	0.0	0.0	0.0	(0.0)
olvi-9*	0.0	0.0	0.0	(0.0)
olvi-10*	0.0	0.0	0.0	(0.0)
olvi-11*	0.0	0.0	0.0	(0.0)
olvi-12*	0.0	0.0	0.0	(0.0)
olvi-13*	0.0	0.0	0.0	(0.0)
olvi-14*	0.0	0.0	0.0	(0.0)
olvi-15*	0.0	0.0	0.0	(0.0)
olvi-16*	0.0	0.0	0.0	(0.0)
olvi-17*	0.0	0.0	0.0	(0.0)
olvi-18*	0.0	0.0	0.0	(0.0)
olvi-19*	0.0	0.0	0.0	(0.0)
olvi-20*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.25	1.0	1.0	(1.0)
olvi2*	0.75	0.0	0.0	(0.0)
olvi1*	0.25	1.0	1.0	(1.0)
olvi0*	0.75	0.0	0.0	(0.0)
olvi-1*	0.0	0.0	0.0	(0.0)
olvi-2*	0.0	0.0	0.0	(0.0)
olvi-3*	0.0	0.0	0.0	(0.0)
olvi-4*	0.0	0.0	0.0	(0.0)
olvi-5*	0.0	0.0	0.0	(0.0)
olvi-6*	0.0	0.0	0.0	(0.0)
olvi-7*	0.0	0.0	0.0	(0.0)
olvi-8*	0.0	0.0	0.0	(0.0)
olvi-9*	0.0	0.0	0.0	(0.0)
olvi-10*	0.0	0.0	0.0	(0.0)
olvi-11*	0.0	0.0	0.0	(0.0)
olvi-12*	0.0	0.0	0.0	(0.0)
olvi-13*	0.0	0.0	0.0	(0.0)
olvi-14*	0.0	0.0	0.0	(0.0)
olvi-15*	0.0	0.0	0.0	(0.0)
olvi-16*	0.0	0.0	0.0	(0.0)
olvi-17*	0.0	0.0	0.0	(0.0)
olvi-18*	0.0	0.0	0.0	(0.0)
olvi-19*	0.0	0.0	0.0	(0.0)
olvi-20*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
olvi2*	0.75	0.75	0.75	(1.0)
olvi1*	1.0	1.0	1.0	(1.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi-1*	0.0	0.0	0.0	(0.0)
olvi-2*	0.0	0.0	0.0	(0.0)
olvi-3*	0.0	0.0	0.0	(0.0)
olvi-4*	0.0	0.0	0.0	(0.0)
olvi-5*	0.0	0.0	0.0	(0.0)
olvi-6*	0.0	0.0	0.0	(0.0)
olvi-7*	0.0	0.0	0.0	(0.0)
olvi-8*	0.0	0.0	0.0	(0.0)
olvi-9*	0.0	0.0	0.0	(0.0)
olvi-10*	0.0	0.0	0.0	(0.0)
olvi-11*	0.0	0.0	0.0	(0.0)
olvi-12*	0.0	0.0	0.0	(0.0)
olvi-13*	0.0	0.0	0.0	(0.0)
olvi-14*	0.0	0.0	0.0	(0.0)
olvi-15*	0.0	0.0	0.0	(0.0)
olvi-16*	0.0	0.0	0.0	(0.0)
olvi-17*	0.0	0.0	0.0	(0.0)
olvi-18*	0.0	0.0	0.0	(0.0)
olvi-19*	0.0	0.0	0.0	(0.0)
olvi-20*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.25	0.75	0.75	(1.0)
olvi2*	0.75	0.25	0.25	(0.0)
olvi1*	0.75	1.0	1.0	(0.75)
olvi0*	0.25	1.0	1.0	(0.75)
olvi-1*	0.0	0.0	0.0	(0.0)
olvi-2*	0.0	0.0	0.0	(0.0)
olvi-3*	0.0	0.0	0.0	(0.0)
olvi-4*	0.0	0.0	0.0	(0.0)
olvi-5*	0.0	0.0	0.0	(0.0)
olvi-6*	0.0	0.0	0.0	(0.0)
olvi-7*	0.0	0.0	0.0	(0.0)
olvi-8*	0.0	0.0	0.0	(0.0)
olvi-9*	0.0	0.0	0.0	(0.0)
olvi-10*	0.0	0.0	0.0	(0.0)
olvi-11*	0.0	0.0	0.0	(0.0)
olvi-12*	0.0	0.0	0.0	(0.0)
olvi-13*	0.0	0.0	0.0	(0.0)
olvi-14*	0.0	0.0	0.0	(0.0)
olvi-15*	0.0	0.0	0.0	(0.0)
olvi-16*	0.0	0.0	0.0	(0.0)
olvi-17*	0.0	0.0	0.0	(0.0)
olvi-18*	0.0	0.0	0.0	(0.0)
olvi-19*	0.0	0.0	0.0	(0.0)
olvi-20*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.75	0.75	(1.0)
olvi2*	0.25	0.75	0.75	(1.0)
olvi1*	0.0	1.0	1.0	(1.0)
olvi0*	0.25	1.0	1.0	(1.0)
olvi-1*	0.0	0.0	0.0	(0.0)
olvi-2*	0.0	0.0	0.0	(0.0)
olvi-3*	0.0	0.0	0.0	(0.0)
olvi-4*	0.0	0.0	0.0	(0.0)
olvi-5*	0.0	0.0	0.0	(0.0)
olvi-6*	0.0	0.0	0.0	(0.0)
olvi-7*	0.0	0.0	0.0	(0.0)
olvi-8*	0.0	0.0	0.0	(0.0)
olvi-9*	0.0	0.0	0.0	(0.0)
olvi-10*	0.0	0.0	0.0	(0.0)
olvi-11*	0.0	0.0	0.0	(0.0)
olvi-12*	0.0	0.0	0.0	(0.0)
olvi-13*	0.0	0.0	0.0	(0.0)
olvi-14*	0.0	0.0	0.0	(0.0)
olvi-15*	0.0	0.0	0.0	(0.0)
olvi-16*	0.0	0.0	0.0	(0.0)
olvi-17*	0.0	0.0	0.0	(0.0)
olvi-18*	0.0	0.0	0.0	(0.0)
olvi-19*	0.0	0.0	0.0	(0.0)
olvi-20*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
olvi2*	0.75	0.75	0.75	(1.0)
olvi1*	1.0	1.0	1.0	(1.0)
olvi0*	0.0	0.0	0.0	(0.0)
olvi-1*	0.0	0.0	0.0	(0.0)
olvi-2*	0.0	0.0	0.0	(0.0)
olvi-3*	0.0	0.0	0.0	(0.0)
olvi-4*	0.0	0.0	0.0	(0.0)
olvi-5*	0.0	0.0	0.0	(0.0)
olvi-6*	0.0	0.0	0.0	(0.0)
olvi-7*	0.0	0.0	0.0	(0.0)
olvi-8*	0.0	0.0	0.0	(0.0)
olvi-9*	0.0	0.0	0.0	(0.0)
olvi-10*	0.0	0.0	0.0	(0.0)
olvi-11*	0.0	0.0	0.0	(0.0)
olvi-12*	0.0	0.0	0.0	(0.0)
olvi-13*	0.0	0.0	0.0	(0.0)
olvi-14*	0.0	0.0	0.0	(0.0)
olvi-15*	0.0	0.0	0.0	(0.0)
olvi-16*	0.0	0.0	0.0	(0.0)
olvi-17*	0.0	0.0	0.0	(0.0)
olvi-18*	0.0	0.0	0.0	(0.0)
olvi-19*	0.0	0.0	0.0	(0.0)
olvi-20*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.5	0.5	(1.0)
olvi2*	0.75	0.5	0.5	(1.0)
olvi1*	0.0	1.0	1.0	(1.0)
olvi0*	0.5	1.0	1.0	(1.0)
olvi-1*	0.0			

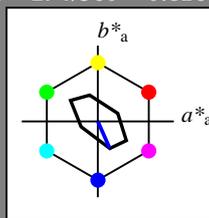
Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

lab^*ch und lab^*nch

D65: Buntton V
 LCH*Ma: 72 39 294
 olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 16$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi2*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
olvi5*	0.0	0.0	0.0	0.0
olvi6*	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	99.99	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	1.0	(1.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.75	0.75	1.0	1.0
olvi5*	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	89.58	3.94	-8.9
LAB*LAB	89.58	3.94	-8.9
LAB*LAB	89.58	3.94	-8.9

relative Inform. Technology (IT)

olvi3*	0.5	0.5	1.0	(1.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.5	0.5	1.0	1.0
olvi5*	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	83.75	7.88	-17.81
LAB*LAB	83.75	7.88	-17.81
LAB*LAB	83.75	7.88	-17.81

relative Inform. Technology (IT)

olvi3*	0.25	0.25	1.0	(1.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.25	0.25	1.0	1.0
olvi5*	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	75.00	19.48	-293.86
LAB*LAB	75.00	19.48	-293.86
LAB*LAB	75.00	19.48	-293.86

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi2*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	0.75
olvi5*	0.0	0.0	0.0	0.25
olvi6*	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 Inform. Technology (IT)

olvi3*	0.5	0.5	0.75	(1.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.5	0.5	0.75	0.75
olvi5*	0.0	0.0	0.0	0.25
olvi6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	83.16	3.94	-8.9
LAB*LAB	83.16	3.94	-8.9
LAB*LAB	83.16	3.94	-8.9

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.75	(1.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.25	0.25	0.75	0.75
olvi5*	0.0	0.0	0.0	0.25
olvi6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	77.93	11.82	-26.72
LAB*LAB	77.93	11.82	-26.72
LAB*LAB	77.93	11.82	-26.72

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	75.00	19.48	-293.86
LAB*LAB	75.00	19.48	-293.86
LAB*LAB	75.00	19.48	-293.86

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
olvi2*	1.0	1.0	1.0	0.5
olvi4*	0.0	0.0	0.0	0.5
olvi5*	0.0	0.0	0.0	0.0
olvi6*	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 Inform. Technology (IT)

olvi3*	0.25	0.25	0.5	(1.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.25	0.25	0.5	0.5
olvi5*	0.0	0.0	0.0	0.25
olvi6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.73	3.94	-8.9
LAB*LAB	76.73	3.94	-8.9
LAB*LAB	76.73	3.94	-8.9

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	73.33	7.88	-17.81
LAB*LAB	73.33	7.88	-17.81
LAB*LAB	73.33	7.88	-17.81

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
olvi2*	1.0	1.0	1.0	0.25
olvi4*	0.0	0.0	0.0	0.25
olvi5*	0.0	0.0	0.0	0.25
olvi6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.73	3.94	-8.9
LAB*LAB	76.73	3.94	-8.9
LAB*LAB	76.73	3.94	-8.9

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	70.9	7.88	-17.81
LAB*LAB	70.9	7.88	-17.81
LAB*LAB	70.9	7.88	-17.81

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72
LAB*LAB	71.57	26.72	-67.72

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
olvi2*	1.0	1.0	1.0	0.0
olvi4*	0.0	0.0	0.0	0.0
olvi5*	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	69.1	0.0	0.0
LAB*LAB	69.1	0.0	0.0
LAB*LAB	69.1	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	69.1	0.0	0.0
LAB*LAB	69.1	0.0	0.0
LAB*LAB	69.1	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	69.1	0.0	0.0
LAB*LAB	69.1	0.0	0.0
LAB*LAB	69.1	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	69.1	0.0	0.0
LAB*LAB	69.1	0.0	0.0
LAB*LAB	69.1	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
olvi2*	1.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	69.1	0.0	0.0
LAB*LAB	69.1	0.0	0.0
LAB*LAB	69.1	0.0	0.0

NG580-7, 5 stufige Reihen für konstanten CIELAB Buntton 294/360 = 0.816 (links)

5 stufige Reihen für konstanten CIELAB Buntton 306/360 = 0.851 (rechts)

BAM-Prüfvorlage NG58; Farbmetrik-Systeme TLS70 & TLS00 input: $olv^* setrgbcolor$

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: $olv^* setrgbcolor / w^* setgray$

relative Buntheit c^* 0.25 0.50 0.75 1.00 1.00 0.75 0.50 0.25 0.25 0.50 0.75 1.00

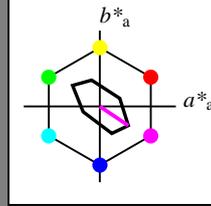
BAM-Registrierung: 20060101-NG58/10L/L58G04FP.PS/.PDF BAM-Material: Code=thakata
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
 NG58 Form 5/10, Serie: 1/1, Seite: 5
 Seitenzahl 5

Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

D65: Buntton M
 LCH*Ma: 79 45 326
 olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 16$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*LABb	99.99	0.0	0.0	0.0
relative CIELAB lab*				
lab*lab	1.0	0.0	0.0	0.0
lab*ch	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
relative Natural Colour (NC)				
lab*nlr	1.0	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.75	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
ohv4*	1.0	0.75	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	91.18	9.38	-6.3	
LAB*LABa	91.18	9.38	-6.3	
LAB*LABb	87.5	11.3	326.07	

relative Inform. Technology (IT)

ohv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	86.95	18.76	-12.61	
LAB*LABa	86.95	18.76	-12.61	
LAB*LABb	75.0	22.61	326.07	

relative Inform. Technology (IT)

ohv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	82.73	28.14	-18.92	
LAB*LABa	82.73	28.14	-18.92	
LAB*LABb	62.5	33.91	326.07	

relative Inform. Technology (IT)

ohv3*	1.0	0.25	1.0	(1.0)
cmv3*	0.0	0.75	0.0	(0.0)
ohv4*	1.0	0.25	1.0	(1.0)
cmv4*	0.0	0.75	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	80.53	18.76	-12.61	
LAB*LABa	80.53	18.76	-12.61	
LAB*LABb	50.0	22.61	326.07	

relative Inform. Technology (IT)

ohv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	1.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	1.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	78.5	37.51	-25.22	
LAB*LABa	78.5	37.51	-25.22	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	88.98	0.0	0.0	
LAB*LABa	88.98	0.0	0.0	
LAB*LABb	75.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.75	(1.0)
cmv3*	0.25	0.5	0.25	(0.0)
ohv4*	1.0	0.75	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	84.76	9.38	-6.3	
LAB*LABa	84.76	9.38	-6.3	
LAB*LABb	62.5	11.3	326.07	

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.75	(1.0)
cmv3*	0.25	0.5	0.25	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	80.53	18.76	-12.61	
LAB*LABa	80.53	18.76	-12.61	
LAB*LABb	50.0	22.61	326.07	

relative Inform. Technology (IT)

ohv3*	0.75	0.25	0.75	(1.0)
cmv3*	0.25	0.75	0.25	(0.0)
ohv4*	1.0	0.25	1.0	(1.0)
cmv4*	0.0	0.75	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	82.73	28.14	-18.92	
LAB*LABa	82.73	28.14	-18.92	
LAB*LABb	62.5	33.91	326.07	

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.25	1.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	1.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	78.5	37.51	-25.22	
LAB*LABa	78.5	37.51	-25.22	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	82.56	0.0	0.0	
LAB*LABa	82.56	0.0	0.0	
LAB*LABb	50.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.25	0.5	(1.0)
cmv3*	0.25	0.75	0.25	(0.0)
ohv4*	1.0	0.75	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	78.5	37.51	-25.22	
LAB*LABa	78.5	37.51	-25.22	
LAB*LABb	62.5	33.91	326.07	

relative Inform. Technology (IT)

ohv3*	0.5	0.25	0.5	(1.0)
cmv3*	0.25	0.5	0.25	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	80.53	18.76	-12.61	
LAB*LABa	80.53	18.76	-12.61	
LAB*LABb	50.0	22.61	326.07	

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(1.0)
cmv3*	0.25	1.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	1.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	78.5	37.51	-25.22	
LAB*LABa	78.5	37.51	-25.22	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.0	0.0	0.0	
LAB*LABa	75.0	0.0	0.0	
LAB*LABb	50.0	45.21	326.07	

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1			

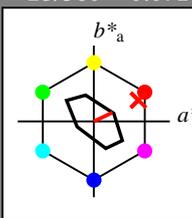
Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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^*



%Umfang

$u^*_{rel} = 16$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	
LAB*Y	95.41	0.0	0.0	
LAB*Z	99.99	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	1.0	0.762	0.75	(1.0)
cmv3*	0.0	0.238	0.25	(0.0)
ohv4*	1.0	0.762	0.75	(1.0)
cmv4*	0.0	0.238	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	90.87	6.13	2.92	
LAB*Y	90.87	6.13	2.92	
LAB*Z	87.5	6.19	25.48	

relative Inform. Technology (IT)

ohv3*	1.0	0.523	0.5	(1.0)
cmv3*	0.0	0.477	0.5	(0.0)
ohv4*	1.0	0.523	0.5	(1.0)
cmv4*	0.0	0.477	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	86.33	12.27	5.85	
LAB*Y	86.33	12.27	5.85	
LAB*Z	75.0	13.59	25.48	

relative Inform. Technology (IT)

ohv3*	1.0	0.285	0.25	(1.0)
cmv3*	0.0	0.715	0.75	(0.0)
ohv4*	1.0	0.285	0.25	(1.0)
cmv4*	0.0	0.715	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	81.79	18.4	8.77	
LAB*Y	81.79	18.4	8.77	
LAB*Z	62.5	20.39	25.48	

relative Inform. Technology (IT)

ohv3*	1.0	0.047	0.0	(1.0)
cmv3*	0.0	0.953	1.0	(0.0)
ohv4*	1.0	0.047	0.0	(1.0)
cmv4*	0.0	0.953	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	77.25	24.54	11.69	
LAB*Y	77.25	24.54	11.69	
LAB*Z	50.0	27.18	25.47	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	88.98	0.0	0.0	
LAB*Y	88.98	0.0	0.0	
LAB*Z	75.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.512	0.5	(1.0)
cmv3*	0.25	0.488	0.5	(0.0)
ohv4*	1.0	0.762	0.75	(1.0)
cmv4*	0.0	0.238	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	84.44	6.14	2.92	
LAB*Y	84.44	6.14	2.92	
LAB*Z	62.5	6.8	25.48	

relative Inform. Technology (IT)

ohv3*	0.75	0.273	0.25	(1.0)
cmv3*	0.25	0.727	0.75	(0.0)
ohv4*	1.0	0.523	0.5	(1.0)
cmv4*	0.0	0.477	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	79.9	12.27	5.85	
LAB*Y	79.9	12.27	5.85	
LAB*Z	50.0	13.59	25.48	

relative Inform. Technology (IT)

ohv3*	0.75	0.035	0.0	(1.0)
cmv3*	0.25	0.965	1.0	(0.0)
ohv4*	1.0	0.285	0.25	(1.0)
cmv4*	0.0	0.715	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	75.36	18.4	8.77	
LAB*Y	75.36	18.4	8.77	
LAB*Z	37.51	20.39	25.47	

relative Inform. Technology (IT)

ohv3*	0.75	0.003	0.0	(1.0)
cmv3*	0.25	0.997	1.0	(0.0)
ohv4*	1.0	0.047	0.0	(1.0)
cmv4*	0.0	0.953	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	72.54	24.54	11.69	
LAB*Y	72.54	24.54	11.69	
LAB*Z	50.0	27.18	25.47	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	82.56	0.0	0.0	
LAB*Y	82.56	0.0	0.0	
LAB*Z	50.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.262	0.25	(1.0)
cmv3*	0.5	0.738	0.75	(0.0)
ohv4*	1.0	0.762	0.75	(1.0)
cmv4*	0.0	0.238	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	78.01	6.14	2.92	
LAB*Y	78.01	6.14	2.92	
LAB*Z	50.0	6.8	25.48	

relative Inform. Technology (IT)

ohv3*	0.5	0.023	0.0	(1.0)
cmv3*	0.5	0.977	1.0	(0.0)
ohv4*	1.0	0.523	0.5	(1.0)
cmv4*	0.0	0.477	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	73.47	12.27	5.84	
LAB*Y	73.47	12.27	5.84	
LAB*Z	25.01	13.59	25.48	

relative Inform. Technology (IT)

ohv3*	0.5	0.003	0.0	(1.0)
cmv3*	0.5	0.997	1.0	(0.0)
ohv4*	1.0	0.047	0.0	(1.0)
cmv4*	0.0	0.953	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	70.1	24.54	11.69	
LAB*Y	70.1	24.54	11.69	
LAB*Z	50.0	27.18	25.47	

relative Inform. Technology (IT)

ohv3*	0.5	0.003	0.0	(1.0)
cmv3*	0.5	0.997	1.0	(0.0)
ohv4*	1.0	0.047	0.0	(1.0)
cmv4*	0.0	0.953	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	68.25	24.54	11.69	
LAB*Y	68.25	24.54	11.69	
LAB*Z	50.0	27.18	25.47	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.13	0.0	0.0	
LAB*Y	76.13	0.0	0.0	
LAB*Z	25.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.032	0.0	(1.0)
cmv3*	0.75	0.968	1.0	(0.0)
ohv4*	1.0	0.25	0.25	(1.0)
cmv4*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.59	6.14	2.92	
LAB*Y	71.59	6.14	2.92	
LAB*Z	12.5	6.8	25.45	

relative Inform. Technology (IT)

ohv3*	0.25	0.011	0.0	(1.0)
cmv3*	0.75	0.989	1.0	(0.0)
ohv4*	1.0	0.25	0.25	(1.0)
cmv4*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.1	0.0	0.0	
LAB*Y	69.1	0.0	0.0	
LAB*Z	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.003	0.0	(1.0)
cmv3*	0.75	0.997	1.0	(0.0)
ohv4*	1.0	0.047	0.0	(1.0)
cmv4*	0.0	0.953	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	67.0	24.54	11.69	
LAB*Y	67.0	24.54	11.69	
LAB*Z	50.0	27.18	25.47	

relative Inform. Technology (IT)

ohv3*	0.25	0.003	0.0	(1.0)
cmv3*	0.75	0.997	1.0	(0.0)
ohv4*	1.0	0.047	0.0	(1.0)
cmv4*	0.0	0.953	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	65.0	24.54	11.69	
LAB*Y	65.0	24.54	11.69	
LAB*Z	50.0	27.18	25.47	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.1	0.0	0.0	
LAB*Y	69.1	0.0	0.0	
LAB*Z	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.1	0.0	0.0	
LAB*Y	69.1	0.0	0.0	
LAB*Z	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.1	0.0	0.0	
LAB*Y	69.1	0.0	0.0	
LAB*Z	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.1	0.0	0.0	
LAB*Y	69.1	0.0	0.0	
LAB*Z	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.1	0.0	0.0	
LAB*Y	69.1	0.0	0.0	
LAB*Z	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.1	0.0	0.0	
LAB*Y	69.1	0.0	0.0	
LAB*Z	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.1	0.0	0.0	
LAB*Y	69.1	0.0	0.0	
LAB*Z	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.1	0.0	0.0	
LAB*Y	69.1	0.0	0.0	
LAB*Z	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.1	0.0	0.0	
LAB*Y	69.1	0.0	0.0	
LAB*Z	0.0	0.0	0.0	

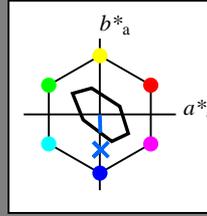
Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 272/360 = 0.755$

lab^*ch und lab^*nch

D65: Buntton B
 LCH*Ma: 80 24 272
 olv*Ma: 0.0 0.4 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 16$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	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	99.99	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*lj	1.0	0.0	0.0	
lab*lc	1.0	0.0	0.0	
lab*nc	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.85	1.0	(1.0)
cmv3*	0.25	0.15	0.0	(0.0)
ohv4*	0.75	0.85	1.0	(1.0)
cmv4*	0.25	0.15	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	91.46	0.18	-6.05	
LAB*LABa	91.46	0.18	-6.05	
LAB*LABb	87.5	6.07	271.73	
relative CIELAB lab*				
lab*lab	0.846	0.008	-0.249	
lab*ch	0.875	0.25	0.755	
lab*nch	0.0	0.25	0.755	
relative Natural Colour (NC)				
lab*lj	0.846	0.0	-0.249	
lab*lc	0.875	0.25	0.755	
lab*nc	0.0	0.25	0.755	

relative Inform. Technology (IT)

ohv3*	0.5	0.699	1.0	(1.0)
cmv3*	0.5	0.301	0.0	(0.0)
ohv4*	0.5	0.699	1.0	(1.0)
cmv4*	0.5	0.301	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	87.5	3.7	-12.12	
LAB*LABa	87.5	3.7	-12.12	
LAB*LABb	75.0	12.13	271.73	
relative CIELAB lab*				
lab*lab	0.693	0.015	-0.499	
lab*ch	0.75	0.5	0.755	
lab*nch	0.0	0.5	0.755	
relative Natural Colour (NC)				
lab*lj	0.693	0.0	-0.499	
lab*lc	0.75	0.5	0.755	
lab*nc	0.0	0.5	0.755	

relative Inform. Technology (IT)

ohv3*	0.25	0.549	1.0	(1.0)
cmv3*	0.75	0.451	0.0	(0.0)
ohv4*	0.25	0.549	1.0	(1.0)
cmv4*	0.75	0.451	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	83.55	0.55	-18.18	
LAB*LABa	83.55	0.55	-18.18	
LAB*LABb	62.5	18.2	271.73	
relative CIELAB lab*				
lab*lab	0.539	0.023	-0.749	
lab*ch	0.625	0.75	0.755	
lab*nch	0.0	0.75	0.755	
relative Natural Colour (NC)				
lab*lj	0.539	0.0	-0.749	
lab*lc	0.625	0.75	0.755	
lab*nc	0.0	0.75	0.755	

relative Inform. Technology (IT)

ohv3*	0.0	0.398	1.0	(1.0)
cmv3*	1.0	0.602	0.0	(0.0)
ohv4*	0.0	0.398	1.0	(1.0)
cmv4*	1.0	0.602	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	79.6	0.74	-24.25	
LAB*LABa	79.6	0.74	-24.25	
LAB*LABb	50.0	24.27	271.74	
relative CIELAB lab*				
lab*lab	0.388	0.03	-0.998	
lab*ch	0.5	1.0	0.755	
lab*nch	0.0	1.0	0.755	
relative Natural Colour (NC)				
lab*lj	0.388	0.0	-0.999	
lab*lc	0.5	1.0	0.755	
lab*nc	0.0	1.0	0.755	

relative Inform. Technology (IT)

ohv3*	0.25	0.549	1.0	(1.0)
cmv3*	0.75	0.451	0.0	(0.0)
ohv4*	0.25	0.549	1.0	(1.0)
cmv4*	0.75	0.451	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.15	0.55	-18.19	
LAB*LABa	71.15	0.55	-18.19	
LAB*LABb	51.51	18.21	271.75	
relative CIELAB lab*				
lab*lab	0.289	0.023	-0.749	
lab*ch	0.375	0.75	0.755	
lab*nch	0.0	0.75	0.755	
relative Natural Colour (NC)				
lab*lj	0.289	0.0	-0.749	
lab*lc	0.375	0.75	0.755	
lab*nc	0.0	0.75	0.755	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(1.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	42.07	0.37	-12.15	
LAB*LABa	42.07	0.37	-12.15	
LAB*LABb	37.5	12.17	271.74	
relative CIELAB lab*				
lab*lab	0.42	0.008	-0.249	
lab*ch	0.375	0.25	0.755	
lab*nch	0.0	0.25	0.755	
relative Natural Colour (NC)				
lab*lj	0.42	0.0	-0.249	
lab*lc	0.375	0.25	0.755	
lab*nc	0.0	0.25	0.755	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(1.0)
ohv4*	0.75	0.903	1.0	(1.0)
cmv4*	0.25	0.097	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	63.92	0.37	-12.15	
LAB*LABa	63.92	0.37	-12.15	
LAB*LABb	62.5	12.17	271.74	
relative CIELAB lab*				
lab*lab	0.52	0.005	-0.249	
lab*ch	0.625	0.25	0.755	
lab*nch	0.0	0.25	0.755	
relative Natural Colour (NC)				
lab*lj	0.52	0.0	-0.249	
lab*lc	0.625	0.25	0.755	
lab*nc	0.0	0.25	0.755	

relative Inform. Technology (IT)

ohv3*	0.25	0.555	0.75	(1.0)
cmv3*	0.75	0.445	0.25	(0.0)
ohv4*	0.25	0.555	0.75	(1.0)
cmv4*	0.75	0.445	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.28	0.74	-24.32	
LAB*LABa	56.28	0.74	-24.32	
LAB*LABb	50.0	24.34	271.74	
relative CIELAB lab*				
lab*lab	0.42	0.015	-0.499	
lab*ch	0.5	0.5	0.755	
lab*nch	0.0	0.5	0.755	
relative Natural Colour (NC)				
lab*lj	0.42	0.0	-0.499	
lab*lc	0.5	0.5	0.755	
lab*nc	0.0	0.5	0.755	

relative Inform. Technology (IT)

ohv3*	0.0	0.458	0.75	(1.0)
cmv3*	1.0	0.542	0.25	(0.0)
ohv4*	0.0	0.458	0.75	(1.0)
cmv4*	1.0	0.542	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	48.61	1.11	-36.47	
LAB*LABa	48.61	1.11	-36.47	
LAB*LABb	37.51	36.51	271.75	
relative CIELAB lab*				
lab*lab	0.51	0.023	-0.749	
lab*ch	0.375	0.75	0.755	
lab*nch	0.0	0.75	0.755	
relative Natural Colour (NC)				
lab*lj	0.51	0.0	-0.749	
lab*lc	0.375	0.75	0.755	
lab*nc	0.0	0.75	0.755	

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	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	99.99	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*lj	1.0	0.0	0.0	
lab*lc	1.0	0.0	0.0	
lab*nc	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	88.98	0.0	0.0	
LAB*LABa	88.98	0.0	0.0	
LAB*LABb	75.0	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*lj	0.75	0.0	0.0	
lab*lc	0.75	0.0	0.0	
lab*nc	0.0	0.0	0.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.6	0.75	(1.0)
cmv3*	0.5	0.4	0.25	(0.0)
ohv4*	0.75	0.85	1.0	(1.0)
cmv4*	0.25	0.15	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	85.03	0.18	-6.06	
LAB*LABa	85.03	0.18	-6.06	
LAB*LABb	62.5	6.07	271.74	
relative CIELAB lab*				
lab*lab	0.596	0.0	-0.249	
lab*ch	0.625	0.25	0.755	
lab*nch	0.0	0.25	0.755	
relative Natural Colour (NC)				
lab*lj	0.596	0.0	-0.249	
lab*lc	0.625	0.25	0.755	
lab*nc	0.0	0.25	0.755	

relative Inform. Technology (IT)

ohv3*	0.25	0.449	0.75	(1.0)
cmv3*	0.75	0.551	0.25	(0.0)
ohv4*	0.25	0.449	0.75	(1.0)
cmv4*	0.75	0.551	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	81.08	0.37	-12.12	
LAB*LABa	81.08	0.37	-12.12	
LAB*LABb	50.0	12.14	271.74	
relative CIELAB lab*				
lab*lab	0.443	0.0	-0.499	
lab*ch	0.539	0.75	0.755	
lab*nch	0.0	0.75	0.755	
relative Natural Colour (NC)				
lab*lj	0.443	0.0	-0.499	
lab*lc	0.539	0.75	0.755	
lab*nc	0.0	0.75	0.755	

relative Inform. Technology (IT)

ohv3*	0.0	0.299	0.75	(1.0)
cmv3*	1.0	0.701	0.25	(0.0)
ohv4*	0.0	0.299	0.75	(1.0)
cmv4*	1.0	0.701	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.15	0.55	-18.19	
LAB*LABa	71.15	0.55	-18.19	
LAB*LABb	51.51	18.21	271.75	
relative CIELAB lab*				
lab*lab	0.388	0.03	-0.998	
lab*ch	0.5	1.0	0.755	
lab*nch	0.0	1.0	0.755	
relative Natural Colour (NC)				
lab*lj	0.388	0.0	-0.999	
lab*lc	0.5	1.0	0.755	
lab*nc	0.0	1.0	0.755	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(1.0)
ohv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	42.07	0.37	-12.15	
LAB*LABa	42.07	0.37	-12.15	
LAB*LABb	37.5	12.17	271.74	
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*lj	0.25	0.0	0.0	
lab*lc	0.25	0.0	0.0	
lab*nc	0.0	0.0	0.0	