

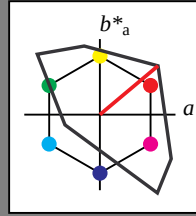
Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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^*



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*TCa	99.99	0.01		

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.75	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	84.18	19.22	16.13	
LAB*Lab	84.18	19.22	16.13	
LAB*TCa	97.5	25.09	40.0	

TLS00; adaptierte CIELAB-Daten

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

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

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

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	71.57	0.0	0.0	
LAB*Lab	71.57	0.0	0.0	
LAB*TCa	75.0	0.01		

relative Inform. Technology (IT)

olv3*	0.75	0.5	0.5	(1.0)
cmyn3*	0.25	0.5	0.5	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	60.33	19.23	16.14	
LAB*Lab	60.33	19.23	16.14	
LAB*TCa	62.5	25.1	40.0	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
cmyn3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
LAB*LAB	72.95	38.45	32.27	
LAB*Lab	72.95	38.45	32.27	
LAB*TCa	75.0	50.2	40.0	

relative Inform. Technology (IT)

olv3*	1.0	0.25	0.25	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.25	0.25	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	61.72	57.68	48.41	
LAB*Lab	61.72	57.68	48.41	
LAB*TCa	62.5	75.3	40.0	

relative Inform. Technology (IT)

olv3*	0.75	0.0	0.0	(1.0)
cmyn3*	0.25	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	0.24	2.14	
LAB*Lab	56.71	0.24	2.14	
LAB*TCa	50.0	100.4	40.0	

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	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	0.24	2.14	
LAB*Lab	56.71	0.24	2.14	
LAB*TCa	50.0	100.4	40.0	

relative Inform. Technology (IT)

olv3*	0.75	0.25	0.25	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	64.19	15.96	15.28	
LAB*Lab	64.19	15.96	15.28	
LAB*TCa	62.5	20.66	37.69	

relative Inform. Technology (IT)

olv3*	0.75	0.0	0.0	(1.0)
cmyn3*	0.25	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	52.33	32.53	27.11	
LAB*Lab	52.33	32.53	27.11	
LAB*TCa	50.0	41.31	37.69	

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	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
LAB*LAB	49.94	49.1	38.93	
LAB*Lab	49.94	49.1	38.93	
LAB*TCa	62.5	61.96	37.69	

relative Inform. Technology (IT)

olv3*	1.0	0.0	0.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	47.94	65.3	52.06	
LAB*Lab	47.94	65.3	52.06	
LAB*TCa	50.0	82.61	37.69	

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	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	47.72	0.0	0.0	
LAB*Lab	47.72	0.0	0.0	
LAB*TCa	50.0	0.01		

relative Inform. Technology (IT)

olv3*	0.5	0.25	0.25	(1.0)
cmyn3*	0.5	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	36.48	19.23	16.14	
LAB*Lab	36.48	19.23	16.14	
LAB*TCa	37.5	25.1	40.0	

relative Inform. Technology (IT)

olv3*	0.75	0.0	0.0	(1.0)
cmyn3*	0.25	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	49.11	38.46	32.28	
LAB*Lab	49.11	38.46	32.28	
LAB*TCa	50.0	50.2	40.0	

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	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
LAB*LAB	50.5	76.9	64.54	
LAB*Lab	50.5	76.9	64.54	
LAB*TCa	50.0	100.4	40.0	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	0.24	2.14	
LAB*Lab	56.71	0.24	2.14	
LAB*TCa	50.0	100.4	40.0	

relative Inform. Technology (IT)

olv3*	0.5	0.25	0.25	(1.0)
cmyn3*	0.5	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	44.84	16.33	13.97	
LAB*Lab	44.84	16.33	13.97	
LAB*TCa	37.5	20.66	37.69	

relative Inform. Technology (IT)

olv3*	0.75	0.25	0.25	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	44.84	16.33	13.97	
LAB*Lab	44.84	16.33	13.97	
LAB*TCa	37.5	20.66	37.69	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	52.33	32.53	27.11	
LAB*Lab	52.33	32.53	27.11	
LAB*TCa	50.0	41.31	37.69	

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	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
LAB*LAB	49.94	49.1	38.93	
LAB*Lab	49.94	49.1	38.93	
LAB*TCa	62.5	61.96	37.69	

relative Inform. Technology (IT)

olv3*	1.0	0.0	0.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	47.94	65.3	52.06	
LAB*Lab	47.94	65.3	52.06	
LAB*TCa	50.0	82.61	37.69	

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	23.87	0.0	0.0	
LAB*Lab	23.87	0.0	0.0	
LAB*TCa	25.0	0.01		

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	25.26	38.45	32.27	
LAB*Lab	25.26	38.45	32.27	
LAB*TCa	25.01	50.2	40.0	

relative Inform. Technology (IT)

olv3*	0.75	0.0	0.0	(1.0)
cmyn3*	0.25	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	49.11	38.46	32.28	
LAB*Lab	49.11	38.46	32.28	
LAB*TCa	50.0	50.2	40.0	

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	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
LAB*LAB	37.88	57.68	48.41	
LAB*Lab	37.88	57.68	48.41	
LAB*TCa	37.5	75.3	40.0	

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	25.26	38.45	32.27	
LAB*Lab	25.26	38.45	32.27	
LAB*TCa	25.01	50.2	40.0	

relative Inform. Technology (IT)

olv3*	0.5	0.25	0.25	(1.0)
cmyn3*	0.5	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	44.84	16.33	13.97	
LAB*Lab	44.84	16.33	13.97	
LAB*TCa	37.5	20.66	37.69	

relative Inform. Technology (IT)

olv3*	0.75	0.25	0.25	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	44.84	16.33	13.97	
LAB*Lab	44.84	16.33	13.97	
LAB*TCa	37.5	20.66	37.69	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	52.33	32.53	27.11	
LAB*Lab	52.33	32.53	27.11	
LAB*TCa	50.0	41.31	37.69	

(0.0)	lab*tch	0.5	1
0.75	lab*ncH	0.0	1
0.25	relative Natural Color		
LAB	lab*lrj	0.387	0
38.93	lab*tce	0.5	1
37.88	lab*ncE	0.0	1
37.69			
0.458			
0.105			
	$n^* = 0,0$		

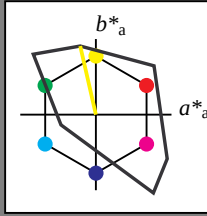
Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

olv4* 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 0.01

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*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmv3* 0.25 0.25 0.25 (0.0)

olv4* 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

LAB*LABa 71.57 0.0 0.0

LAB*LABb 75.00 0.01

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.25 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.25 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)

cmv3* 0.5 0.5 0.5 (0.0)

olv4* 1.0 1.0 1.0 (0.5)

cmv4* 0.0 0.0 0.0 (0.5)

standard and adapted CIELAB

LAB*LAB 47.72 0.0 0.0

LAB*LABa 47.72 0.0 0.0

LAB*LABb 50.00 0.01

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.5 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.5 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

cmv3* 0.75 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (0.5)

cmv4* 0.0 0.0 0.0 (0.5)

standard and adapted CIELAB

LAB*LAB 23.87 0.0 0.0

LAB*LABa 23.87 0.0 0.0

LAB*LABb 25.00 0.01

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.75 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.75 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmv4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.03 0.0 0.0

LAB*LABa 0.03 0.0 0.0

LAB*LABb 0.01

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*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmv4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LABa 0.0 0.0 0.0

LAB*LABb 0.01

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*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 1.0 1.0 0.75 (1.0)

cmv3* 0.0 0.0 0.25 (0.0)

olv4* 1.0 1.0 0.75 (1.0)

cmv4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 94.71 -5.16 22.68

LAB*LABa 94.71 -5.16 22.68

LAB*LABb 87.5 23.07 96.38

relative CIELAB lab*

lab*lab 0.985 -0.11 0.487

lab*ch 0.75 0.5 0.286

lab*nch 0.0 0.5 0.286

relative Natural Colour (NC)

lab*lab 0.985 -0.11 0.487

lab*ch 0.75 0.5 0.286

lab*nch 0.0 0.5 0.286

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.5 (1.0)

cmv3* 0.25 0.25 0.5 (0.0)

olv4* 1.0 1.0 0.75 (1.0)

cmv4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 70.87 -5.17 22.69

LAB*LABa 70.87 -5.17 22.69

LAB*LABb 62.5 23.07 96.38

relative CIELAB lab*

lab*lab 0.736 -0.116 0.486

lab*ch 0.625 0.25 0.286

lab*nch 0.25 0.25 0.286

relative Natural Colour (NC)

lab*lab 0.736 -0.116 0.486

lab*ch 0.625 0.25 0.286

lab*nch 0.25 0.25 0.286

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.25 (1.0)

cmv3* 0.5 0.5 0.25 (0.0)

olv4* 1.0 1.0 0.75 (1.0)

cmv4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 47.02 -5.17 22.69

LAB*LABa 47.02 -5.17 22.69

LAB*LABb 37.5 23.07 96.38

relative CIELAB lab*

lab*lab 0.493 -0.055 0.244

lab*ch 0.375 0.25 0.286

lab*nch 0.75 0.25 0.286

relative Natural Colour (NC)

lab*lab 0.493 -0.055 0.244

lab*ch 0.375 0.25 0.286

lab*nch 0.75 0.25 0.286

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.0 (1.0)

cmv3* 0.75 0.75 0.0 (0.0)

olv4* 1.0 1.0 0.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 23.17 -5.16 22.68

LAB*LABa 23.17 -5.16 22.68

LAB*LABb 12.5 23.07 96.38

relative CIELAB lab*

lab*lab 0.243 -0.055 0.244

lab*ch 0.125 0.25 0.286

lab*nch 0.75 0.25 0.286

relative Natural Colour (NC)

lab*lab 0.243 -0.055 0.244

lab*ch 0.125 0.25 0.286

lab*nch 0.75 0.25 0.286

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 1.0 0.0 (0.0)

olv4* 1.0 1.0 0.0 (0.0)

cmv4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LABa 0.0 0.0 0.0

LAB*LABb 0.01

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*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 1.0 0.0 (0.0)

olv4* 1.0 1.0 0.0 (0.0)

cmv4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LABa 0.0 0.0 0.0

LAB*LABb 0.01

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*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$

relative Inform. Technology (IT)

olv3* 1.0 1.0 0.5 (1.0)

cmv3* 0.0 0.0 0.5 (0.0)

olv4* 1.0 1.0 0.5 (1.0)

cmv4* 0.0 0.0 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 94.03 -10.34 45.37

LAB*LABa 94.03 -10.34 45.37

LAB*LABb 75.0 46.53 102.85

relative CIELAB lab*

lab*lab 0.985 -0.11 0.487

lab*ch 0.75 0.5 0.286

lab*nch 0.0 0.5 0.286

relative Natural Colour (NC)

lab*lab 0.985 -0.11 0.487

lab*ch 0.75 0.5 0.286

lab*nch 0.0 0.5 0.286

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.25 (1.0)

cmv3* 0.25 0.25 0.75 (0.0)

olv4* 1.0 1.0 0.5 (1.0)

cmv4* 0.0 0.0 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 93.34 -15.51 68.05

LAB*LABa 93.34 -15.51 68.05

LAB*LABb 62.5 69.8 102.85

relative CIELAB lab*

lab*lab 0.978 -0.166 0.731

lab*ch 0.625 0.75 0.286

lab*nch 0.0 0.75 0.286

relative Natural Colour (NC)

lab*lab 0.978 -0.166 0.731

lab*ch 0.625 0.75 0.286

lab*nch 0.0 0.75 0.286

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.0 (1.0)

cmv3* 0.5 0.5 0.0 (0.0)

olv4* 1.0 1.0 0.25 (1.0)

cmv4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 93.34 -15.51 68.05

LAB*LABa 93.34 -15.51 68.05

LAB*LABb 50.0 93.06 102.85

relative CIELAB lab*

lab*lab 0.971 -0.221 0.975

lab*ch 0.5 0.0 0.286

lab*nch 0.0 0.25 0.286

relative Natural Colour (NC)

lab*lab 0.971 -0.221 0.975

lab*ch 0.5 0.0 0.286

lab*nch 0.0 0.25 0.286

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.0 (1.0)

cmv3* 0.75 0.75 0.0 (0.0)

olv4* 1.0 1.0 0.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 46.34 -10.34 45.37

LAB*LABa 46.34 -10.34 45.37

LAB*LABb 25.01 46.53 102.85

relative CIELAB lab*

lab*lab 0.486 -0.11 0.487

lab*ch 0.25 0.5 0.286

lab*nch 0.75 0.25 0.286

relative Natural Colour (NC)

lab*lab 0.486 -0.11 0.487

lab*ch 0.25 0.5 0.286

lab*nch 0.75 0.25 0.286

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 1.0 0.0 (0.0)

olv4* 1.0 1.0 0.0 (0.0)

cmv4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LABa 0.0 0.0 0.0

LAB*LABb 0.01

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*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ relative Buntheit c^*

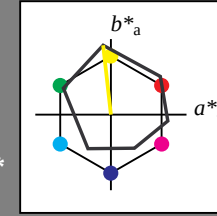
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$ lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

olv4* 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 -0.98 4.75

LAB*LABa 95.41 0.0 0.0

LAB*LABb 99.99 0.01

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*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmv3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.06 -0.61 3.44

LAB*LABa 76.06 0.0 0.0

LAB*LABb 75.0 0.01

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.25 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.25 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)

cmv3* 0.5 0.5 0.5 (0.0)

olv4* 1.0 1.0 1.0 (0.5)

cmv4* 0.0 0.0 0.0 (0.5)

standard and adapted CIELAB

LAB*LAB 56.71 0.24 2.14

LAB*LABa 56.71 0.24 2.14

LAB*LABb 50.0 0.01

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.5 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.5 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

cmv3* 0.75 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (0.5)

cmv4* 0.0 0.0 0.0 (0.5)

standard and adapted CIELAB

LAB*LAB 23.87 0.0 0.0

LAB*LABa 23.87 0.0 0.0

LAB*LABb 25.00 0.01

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.75 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.75 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 1.0 0.0 (0.0)

olv4* 1.0 1.0 0.0 (0.0)

cmv4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LABa 0.0 0.0 0.0

LAB*LABb 0.01

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*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 1.0 0.0 (0.0)

olv4* 1.0 1.0 0.0 (0.0)

cmv4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*LABa 0.0 0.0 0.0

LAB*LABb 0.01

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*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ relative Buntheit c^*

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 306/360 = 0.851$

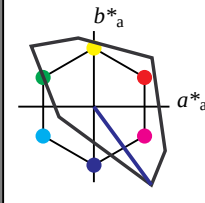
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 30 129 306

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	0.0	0.0	0.0	(0.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	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	
LAB*Lab	95.41	0.0	0.0	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

TLS00; adaptierte CIELAB-Daten

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

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

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

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv4*	0.25	0.25	0.25	(0.0)
olv5*	0.0	0.0	0.0	(0.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	0.0	0.0	0.0	(0.0)
LAB*Lab	62.9	38.02	-51.78	
LAB*Lab	62.9	38.02	-51.78	
LAB*Lab	62.9	38.02	-51.78	
LAB*Lab	62.9	38.02	-51.78	
LAB*Lab	62.9	38.02	-51.78	

standard and adapted CIELAB

lab*lab	0.639	0.296	-0.402	
lab*ch	0.75	0.75	0.75	
lab*nch	0.0	0.0	0.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.639	0.296	-0.402	
lab*ch	0.75	0.75	0.75	
lab*nch	0.0	0.0	0.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	0.639	0.296	-0.402	
lab*ch	0.75	0.75	0.75	
lab*nch	0.0	0.0	0.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.639	0.296	-0.402	
lab*ch	0.75	0.75	0.75	
lab*nch	0.0	0.0	0.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	0.639	0.296	-0.402	
lab*ch	0.75	0.75	0.75	
lab*nch	0.0	0.0	0.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.639	0.296	-0.402	
lab*ch	0.75	0.75	0.75	
lab*nch	0.0	0.0	0.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	0.639	0.296	-0.402	
lab*ch	0.75	0.75	0.75	
lab*nch	0.0	0.0	0.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.639	0.296	-0.402	
lab*ch	0.75	0.75	0.75	
lab*nch	0.0	0.0	0.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	0.639	0.296	-0.402	
lab*ch	0.75	0.75	0.75	
lab*nch	0.0	0.0	0.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$

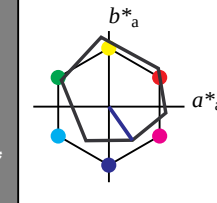
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	0.0	0.0	0.0	(0.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	0.0	0.0	0.0	(0.0)
LAB*Lab	95.41	-0.98	4.75	
LAB*Lab	95.41	-0.98	4.75	
LAB*Lab	95.41	-0.98	4.75	
LAB*Lab	95.41	-0.98	4.75	
LAB*Lab	95.41	-0.98	4.75	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
lab*tr	0.0	0.0	0.0	
lab*ce	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

Standard & ORS18
für 10 Bunttöne

	0
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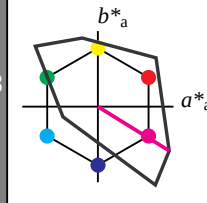
Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

lab^*ch und lab^*nch

D65: Buntton M
LCH*Ma: 57 111 328
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0
LAB*LABd 95.41 0.0 0.0
LAB*LABe 95.41 0.0 0.0
LAB*LABf 95.41 0.0 0.0
LAB*LABg 95.41 0.0 0.0
LAB*LABh 95.41 0.0 0.0
LAB*LABi 95.41 0.0 0.0
LAB*LABj 95.41 0.0 0.0
LAB*LABk 95.41 0.0 0.0
LAB*LABl 95.41 0.0 0.0
LAB*LABm 95.41 0.0 0.0
LAB*LABn 95.41 0.0 0.0
LAB*LABo 95.41 0.0 0.0
LAB*LABp 95.41 0.0 0.0
LAB*LABq 95.41 0.0 0.0
LAB*LABr 95.41 0.0 0.0
LAB*LABs 95.41 0.0 0.0
LAB*LABt 95.41 0.0 0.0
LAB*LABu 95.41 0.0 0.0
LAB*LABv 95.41 0.0 0.0
LAB*LABw 95.41 0.0 0.0
LAB*LABx 95.41 0.0 0.0
LAB*LABy 95.41 0.0 0.0
LAB*LABz 95.41 0.0 0.0

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 85.88 23.58 -14.59
LAB*LABa 85.88 23.58 -14.59
LAB*LABb 85.88 23.58 -14.59
LAB*LABc 85.88 23.58 -14.59
LAB*LABd 85.88 23.58 -14.59
LAB*LABe 85.88 23.58 -14.59
LAB*LABf 85.88 23.58 -14.59
LAB*LABg 85.88 23.58 -14.59
LAB*LABh 85.88 23.58 -14.59
LAB*LABi 85.88 23.58 -14.59
LAB*LABj 85.88 23.58 -14.59
LAB*LABk 85.88 23.58 -14.59
LAB*LABl 85.88 23.58 -14.59
LAB*LABm 85.88 23.58 -14.59
LAB*LABn 85.88 23.58 -14.59
LAB*LABo 85.88 23.58 -14.59
LAB*LABp 85.88 23.58 -14.59
LAB*LABq 85.88 23.58 -14.59
LAB*LABr 85.88 23.58 -14.59
LAB*LABs 85.88 23.58 -14.59
LAB*LABt 85.88 23.58 -14.59
LAB*LABu 85.88 23.58 -14.59
LAB*LABv 85.88 23.58 -14.59
LAB*LABw 85.88 23.58 -14.59
LAB*LABx 85.88 23.58 -14.59
LAB*LABy 85.88 23.58 -14.59
LAB*LABz 85.88 23.58 -14.59

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 71.57 0.0 0.0
LAB*LABc 71.57 0.0 0.0
LAB*LABd 71.57 0.0 0.0
LAB*LABe 71.57 0.0 0.0
LAB*LABf 71.57 0.0 0.0
LAB*LABg 71.57 0.0 0.0
LAB*LABh 71.57 0.0 0.0
LAB*LABi 71.57 0.0 0.0
LAB*LABj 71.57 0.0 0.0
LAB*LABk 71.57 0.0 0.0
LAB*LABl 71.57 0.0 0.0
LAB*LABm 71.57 0.0 0.0
LAB*LABn 71.57 0.0 0.0
LAB*LABo 71.57 0.0 0.0
LAB*LABp 71.57 0.0 0.0
LAB*LABq 71.57 0.0 0.0
LAB*LABr 71.57 0.0 0.0
LAB*LABs 71.57 0.0 0.0
LAB*LABt 71.57 0.0 0.0
LAB*LABu 71.57 0.0 0.0
LAB*LABv 71.57 0.0 0.0
LAB*LABw 71.57 0.0 0.0
LAB*LABx 71.57 0.0 0.0
LAB*LABy 71.57 0.0 0.0
LAB*LABz 71.57 0.0 0.0

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 62.03 23.59 -14.6
LAB*LABa 62.03 23.59 -14.6
LAB*LABb 62.03 23.59 -14.6
LAB*LABc 62.03 23.59 -14.6
LAB*LABd 62.03 23.59 -14.6
LAB*LABe 62.03 23.59 -14.6
LAB*LABf 62.03 23.59 -14.6
LAB*LABg 62.03 23.59 -14.6
LAB*LABh 62.03 23.59 -14.6
LAB*LABi 62.03 23.59 -14.6
LAB*LABj 62.03 23.59 -14.6
LAB*LABk 62.03 23.59 -14.6
LAB*LABl 62.03 23.59 -14.6
LAB*LABm 62.03 23.59 -14.6
LAB*LABn 62.03 23.59 -14.6
LAB*LABo 62.03 23.59 -14.6
LAB*LABp 62.03 23.59 -14.6
LAB*LABq 62.03 23.59 -14.6
LAB*LABr 62.03 23.59 -14.6
LAB*LABs 62.03 23.59 -14.6
LAB*LABt 62.03 23.59 -14.6
LAB*LABu 62.03 23.59 -14.6
LAB*LABv 62.03 23.59 -14.6
LAB*LABw 62.03 23.59 -14.6
LAB*LABx 62.03 23.59 -14.6
LAB*LABy 62.03 23.59 -14.6
LAB*LABz 62.03 23.59 -14.6

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*LABb 47.72 0.0 0.0
LAB*LABc 47.72 0.0 0.0
LAB*LABd 47.72 0.0 0.0
LAB*LABe 47.72 0.0 0.0
LAB*LABf 47.72 0.0 0.0
LAB*LABg 47.72 0.0 0.0
LAB*LABh 47.72 0.0 0.0
LAB*LABi 47.72 0.0 0.0
LAB*LABj 47.72 0.0 0.0
LAB*LABk 47.72 0.0 0.0
LAB*LABl 47.72 0.0 0.0
LAB*LABm 47.72 0.0 0.0
LAB*LABn 47.72 0.0 0.0
LAB*LABo 47.72 0.0 0.0
LAB*LABp 47.72 0.0 0.0
LAB*LABq 47.72 0.0 0.0
LAB*LABr 47.72 0.0 0.0
LAB*LABs 47.72 0.0 0.0
LAB*LABt 47.72 0.0 0.0
LAB*LABu 47.72 0.0 0.0
LAB*LABv 47.72 0.0 0.0
LAB*LABw 47.72 0.0 0.0
LAB*LABx 47.72 0.0 0.0
LAB*LABy 47.72 0.0 0.0
LAB*LABz 47.72 0.0 0.0

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 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 38.18 23.59 -14.6
LAB*LABa 38.18 23.59 -14.6
LAB*LABb 38.18 23.59 -14.6
LAB*LABc 38.18 23.59 -14.6
LAB*LABd 38.18 23.59 -14.6
LAB*LABe 38.18 23.59 -14.6
LAB*LABf 38.18 23.59 -14.6
LAB*LABg 38.18 23.59 -14.6
LAB*LABh 38.18 23.59 -14.6
LAB*LABi 38.18 23.59 -14.6
LAB*LABj 38.18 23.59 -14.6
LAB*LABk 38.18 23.59 -14.6
LAB*LABl 38.18 23.59 -14.6
LAB*LABm 38.18 23.59 -14.6
LAB*LABn 38.18 23.59 -14.6
LAB*LABo 38.18 23.59 -14.6
LAB*LABp 38.18 23.59 -14.6
LAB*LABq 38.18 23.59 -14.6
LAB*LABr 38.18 23.59 -14.6
LAB*LABs 38.18 23.59 -14.6
LAB*LABt 38.18 23.59 -14.6
LAB*LABu 38.18 23.59 -14.6
LAB*LABv 38.18 23.59 -14.6
LAB*LABw 38.18 23.59 -14.6
LAB*LABx 38.18 23.59 -14.6
LAB*LABy 38.18 23.59 -14.6
LAB*LABz 38.18 23.59 -14.6

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.58 23.59 -14.6
LAB*LABa 23.58 23.59 -14.6
LAB*LABb 23.58 23.59 -14.6
LAB*LABc 23.58 23.59 -14.6
LAB*LABd 23.58 23.59 -14.6
LAB*LABe 23.58 23.59 -14.6
LAB*LABf 23.58 23.59 -14.6
LAB*LABg 23.58 23.59 -14.6
LAB*LABh 23.58 23.59 -14.6
LAB*LABi 23.58 23.59 -14.6
LAB*LABj 23.58 23.59 -14.6
LAB*LABk 23.58 23.59 -14.6
LAB*LABl 23.58 23.59 -14.6
LAB*LABm 23.58 23.59 -14.6
LAB*LABn 23.58 23.59 -14.6
LAB*LABo 23.58 23.59 -14.6
LAB*LABp 23.58 23.59 -14.6
LAB*LABq 23.58 23.59 -14.6
LAB*LABr 23.58 23.59 -14.6
LAB*LABs 23.58 23.59 -14.6
LAB*LABt 23.58 23.59 -14.6
LAB*LABu 23.58 23.59 -14.6
LAB*LABv 23.58 23.59 -14.6
LAB*LABw 23.58 23.59 -14.6
LAB*LABx 23.58 23.59 -14.6
LAB*LABy 23.58 23.59 -14.6
LAB*LABz 23.58 23.59 -14.6

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.75 0.5 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 14.24 23.58 -14.59
LAB*LABa 14.24 23.58 -14.59
LAB*LABb 14.24 23.58 -14.59
LAB*LABc 14.24 23.58 -14.59
LAB*LABd 14.24 23.58 -14.59
LAB*LABe 14.24 23.58 -14.59
LAB*LABf 14.24 23.58 -14.59
LAB*LABg 14.24 23.58 -14.59
LAB*LABh 14.24 23.58 -14.59
LAB*LABi 14.24 23.58 -14.59
LAB*LABj 14.24 23.58 -14.59
LAB*LABk 14.24 23.58 -14.59
LAB*LABl 14.24 23.58 -14.59
LAB*LABm 14.24 23.58 -14.59
LAB*LABn 14.24 23.58 -14.59
LAB*LABo 14.24 23.58 -14.59
LAB*LABp 14.24 23.58 -14.59
LAB*LABq 14.24 23.58 -14.59
LAB*LABr 14.24 23.58 -14.59
LAB*LABs 14.24 23.58 -14.59
LAB*LABt 14.24 23.58 -14.59
LAB*LABu 14.24 23.58 -14.59
LAB*LABv 14.24 23.58 -14.59
LAB*LABw 14.24 23.58 -14.59
LAB*LABx 14.24 23.58 -14.59
LAB*LABy 14.24 23.58 -14.59
LAB*LABz 14.24 23.58 -14.59

relative Inform. Technology (IT)
olv3* 0.15 0.15 0.15 (1.0)
cmyn3* 0.85 0.85 0.85 (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 9.54 23.58 -14.59
LAB*LABa 9.54 23.58 -14.59
LAB*LABb 9.54 23.58 -14.59
LAB*LABc 9.54 23.58 -14.59
LAB*LABd 9.54 23.58 -14.59
LAB*LABe 9.54 23.58 -14.59
LAB*LABf 9.54 23.58 -14.59
LAB*LABg 9.54 23.58 -14.59
LAB*LABh 9.54 23.58 -14.59
LAB*LABi 9.54 23.58 -14.59
LAB*LABj 9.54 23.58 -14.59
LAB*LABk 9.54 23.58 -14.59
LAB*LABl 9.54 23.58 -14.59
LAB*LABm 9.54 23.58 -14.59
LAB*LABn 9.54 23.58 -14.59
LAB*LABo 9.54 23.58 -14.59
LAB*LABp 9.54 23.58 -14.59
LAB*LABq 9.54 23.58 -14.59
LAB*LABr 9.54 23.58 -14.59
LAB*LABs 9.54 23.58 -14.59
LAB*LABt 9.54 23.58 -14.59
LAB*LABu 9.54 23.58 -14.59
LAB*LABv 9.54 23.58 -14.59
LAB*LABw 9.54 23.58 -14.59
LAB*LABx 9.54 23.58 -14.59
LAB*LABy 9.54 23.58 -14.59
LAB*LABz 9.54 23.58 -14.59

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0
LAB*LABd 0.0 0.0 0.0
LAB*LABe 0.0 0.0 0.0
LAB*LABf 0.0 0.0 0.0
LAB*LABg 0.0 0.0 0.0
LAB*LABh 0.0 0.0 0.0
LAB*LABi 0.0 0.0 0.0
LAB*LABj 0.0 0.0 0.0
LAB*LABk 0.0 0.0 0.0
LAB*LABl 0.0 0.0 0.0
LAB*LABm 0.0 0.0 0.0
LAB*LABn 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*LABp 0.0 0.0 0.0
LAB*LABq 0.0 0.0 0.0
LAB*LABr 0.0 0.0 0.0
LAB*LABs 0.0 0.0 0.0
LAB*LABt 0.0 0.0 0.0
LAB*LABu 0.0 0.0 0.0
LAB*LABv 0.0 0.0 0.0
LAB*LABw 0.0 0.0 0.0
LAB*LABx 0.0 0.0 0.0
LAB*LABy 0.0 0.0 0.0
LAB*LABz 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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0
LAB*LABd 0.0 0.0 0.0
LAB*LABe 0.0 0.0 0.0
LAB*LABf 0.0 0.0 0.0
LAB*LABg 0.0 0.0 0.0
LAB*LABh 0.0 0.0 0.0
LAB*LABi 0.0 0.0 0.0
LAB*LABj 0.0 0.0 0.0
LAB*LABk 0.0 0.0 0.0
LAB*LABl 0.0 0.0 0.0
LAB*LABm 0.0 0.0 0.0
LAB*LABn 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*LABp 0.0 0.0 0.0
LAB*LABq 0.0 0.0 0.0
LAB*LABr 0.0 0.0 0.0
LAB*LABs 0.0 0.0 0.0
LAB*LABt 0.0 0.0 0.0
LAB*LABu 0.0 0.0 0.0
LAB*LABv 0.0 0.0 0.0
LAB*LABw 0.0 0.0 0.0
LAB*LABx 0.0 0.0 0.0
LAB*LABy 0.0 0.0 0.0
LAB*LABz 0.0 0.0 0.0

TLS00; adaptierte CIELAB-Daten

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

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

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

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 76.35 47.17 -29.19
LAB*LABa 76.35 47.17 -29.19
LAB*LABb 76.35 47.17 -29.19
LAB*LABc 76.35 47.17 -29.19
LAB*LABd 76.35 47.17 -29.19
LAB*LABe 76.35 47.17 -29.19
LAB*LABf 76.35 47.17 -29.19
LAB*LABg 76.35 47.17 -29.19
LAB*LABh 76.35 47.17 -29.19
LAB*LABi 76.35 47.17 -29.19
LAB*LABj 76.35 47.17 -29.19
LAB*LABk 76.35 47.17 -29.19
LAB*LABl 76.35 47.17 -29.19
LAB*LABm 76.35 47.17 -29.19
LAB*LABn 76.35 47.17 -29.19
LAB*LABo 76.35 47.17 -29.19
LAB*LABp 76.35 47.17 -29.19
LAB*LABq 76.35 47.17 -29.19
LAB*LABr 76.35 47.17 -29.19
LAB*LABs 76.35 47.17 -29.19
LAB*LABt 76.35 47.17 -29.19
LAB*LABu 76.35 47.17 -29.19
LAB*LABv 76.35 47.17 -29.19
LAB*LABw 76.35 47.17 -29.19
LAB*LABx 76.35 47.17 -29.19
LAB*LABy 76.35 47.17 -29.19
LAB*LABz 76.35 47.17 -29.19

relative Inform. Technology (IT)
olv3* 1.0 0.25 1.0 (1.0)
cmyn3* 0.0 0.25 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 66.82 70.75 -43.8
LAB*LABa 66.82 70.75 -43.8
LAB*LABb 66.82 70.75 -43.8
LAB*LABc 66.82 70.75 -43.8
LAB*LABd 66.82 70.75 -43.8
LAB*LABe 66.82 70.75 -43.8
LAB*LABf 66.82 70.75 -43.8
LAB*LABg 66.82 70.75 -43.8
LAB*LABh 66.82 70.75 -43.8
LAB*LABi 66.82 70.75 -43.8
LAB*LABj 66.82 70.75 -43.8
LAB*LABk 66.82 70.75 -43.8
LAB*LABl 66.82 70.75 -43.8
LAB*LABm 66.82 70.75 -43.8
LAB*LABn 66.82 70.75 -43.8
LAB*LABo 66.82 70.75 -43.8
LAB*LABp 66.82 70.75 -43.8
LAB*LABq 66.82 70.75 -43.8
LAB*LABr 66.82 70.75 -43.8
LAB*LABs 66.82 70.75 -43.8
LAB*LABt 66.82 70.75 -43.8
LAB*LABu 66.82 70.75 -43.8
LAB*LABv 66.82 70.75 -43.8
LAB*LABw 66.82 70.75 -43.8
LAB*LABx 66.82 70.75 -43.8
LAB*LABy 66.82 70.75 -43.8
LAB*LABz 66.82 70.75 -43.8

relative Inform. Technology (IT)
olv3* 0.75 0.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olv4* 1.0 0.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.51 47.18 -29.2
LAB*LABa 52.51 47.18 -29.2
LAB*LABb 52.51 47.18 -29.2
LAB*LABc 52.51 47.18 -29.2
LAB*LABd 52.51 47.18 -29.2
LAB*LABe 52.51 47.18 -29.2
LAB*LABf 52.51 47.18 -29.2
LAB*LABg 52.51 47.18 -29.2
LAB*LABh 52.51 47.18 -29.2
LAB*LABi 52.51 47.18 -29.2
LAB*LABj 52.51 47.18 -29.2
LAB*LABk 52.51 47.18 -29.2
LAB*LABl 52.51 47.18 -29.2
LAB*LABm 52.51 47.18 -29.2
LAB*LABn 52.51 47.18 -29.2
LAB*LABo 52.51 47.18 -29.2
LAB*LABp 52.51 47.18 -29.2
LAB*LABq 52.51 47.18 -29.2
LAB*LABr 52.51 47.18 -29.2
LAB*LABs 52.51 47.18 -29.2
LAB*LABt 52.51 47.18 -29.2
LAB*LABu 52.51 47.18 -29.2
LAB*LABv 52.51 47.18 -29.2
LAB*LABw 52.51 47.18 -29.2
LAB*LABx 52.51 47.18 -29.2
LAB*LABy 52.51 47.18 -29.2
LAB*LABz 52.51 47.18 -29.2

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 1.0 0.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 42.98 70.75 -43.8
LAB*LABa 42.98 70.75 -43.8
LAB*LABb 42.98 70.75 -43.8
LAB*LABc 42.98 70.75 -43.8
LAB*LABd 42.98 70.75 -43.8
LAB*LABe 42.98 70.75 -43.8
LAB*LABf 42.98 70.75 -43.8
LAB*LABg 42.98 70.75 -43.8
LAB*LABh 42.98 70.75 -43.8
LAB*LABi 42.98 70.75 -43.8
LAB*LABj 42.98 70.75 -43.8
LAB*LABk 42.98 70.75 -43.8
LAB*LABl 42.98 70.75 -43.8
LAB*LABm 42.98 70.75 -43.8
LAB*LABn 42.98 70.75 -43.8
LAB*LABo 42.98 70.75 -43.8
LAB*LABp 42.98 70.75 -43.8
LAB*LABq 42.98 70.75 -43.8
LAB*LABr 42.98 70.75 -43.8
LAB*LABs 42.98 70.75 -43.8
LAB*LABt 42.98 70.75 -43.8
LAB*LABu 42.98 70.75 -43.8
LAB*LABv 42.98 70.75 -43.8
LAB*LABw 42.98

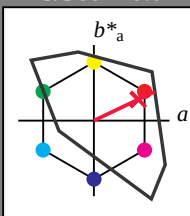
Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

D65: Buntton R

LCH*Ma: 52 89 25

olv*Ma: 1.0 0.0 0.21

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmyn3* 0.0 0.0 0.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.41 0.0 0.0

LAB*LABa 95.41 0.0 0.0

LAB*LABb 99.99 0.01 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 71.57 0.0 0.0

LAB*LABa 71.57 0.0 0.0

LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.75 0.75 0.75 (1.0)

lab*lab 0.75 0.75 0.75 (1.0)

lab*lab 0.75 0.75 0.75 (1.0)

relative Natural Colour (NC)

lab*lab 0.75 0.75 0.75 (1.0)

lab*lab 0.75 0.75 0.75 (1.0)

lab*lab 0.75 0.75 0.75 (1.0)

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 47.72 0.0 0.0

LAB*LABa 47.72 0.0 0.0

LAB*LABb 50.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.5 0.5 0.5 (0.0)

lab*lab 0.5 0.5 0.5 (0.0)

lab*lab 0.5 0.5 0.5 (0.0)

relative Natural Colour (NC)

lab*lab 0.5 0.5 0.5 (0.0)

lab*lab 0.5 0.5 0.5 (0.0)

lab*lab 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 23.87 0.0 0.0

LAB*LABa 23.87 0.0 0.0

LAB*LABb 25.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.25 0.25 0.25 (1.0)

lab*lab 0.25 0.25 0.25 (1.0)

lab*lab 0.25 0.25 0.25 (1.0)

relative Natural Colour (NC)

lab*lab 0.25 0.25 0.25 (1.0)

lab*lab 0.25 0.25 0.25 (1.0)

lab*lab 0.25 0.25 0.25 (1.0)

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.03 0.0 0.0

LAB*LABa 0.03 0.0 0.0

LAB*LABb 0.01 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.03 0.0 0.0

LAB*LABa 0.03 0.0 0.0

LAB*LABb 0.01 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$

relative Inform. Technology (IT)

olv3* 1.0 0.5 0.5 (1.0)

cmyn3* 0.0 0.5 0.5 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 73.67 40.3 19.2

LAB*LABa 73.67 40.3 19.2

LAB*LABb 75.0 22.32 25.47

relative CIELAB lab*

lab*lab 0.772 0.451 0.215

lab*lab 0.772 0.451 0.215

lab*lab 0.772 0.451 0.215

relative Natural Colour (NC)

lab*lab 0.772 0.451 0.215

lab*lab 0.772 0.451 0.215

lab*lab 0.772 0.451 0.215

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 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 60.69 20.16 9.6

LAB*LABa 60.69 20.16 9.6

LAB*LABb 62.5 22.33 25.48

relative CIELAB lab*

lab*lab 0.626 0.25 0.1

lab*lab 0.626 0.25 0.1

lab*lab 0.626 0.25 0.1

relative Natural Colour (NC)

lab*lab 0.626 0.25 0.1

lab*lab 0.626 0.25 0.1

lab*lab 0.626 0.25 0.1

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 1.0 1.0 (1.0)

cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 36.78 13.0 9.61

LAB*LABa 36.78 13.0 9.61

LAB*LABb 37.5 22.33 25.48

relative CIELAB lab*

lab*lab 0.386 0.226 0.108

lab*lab 0.386 0.226 0.108

lab*lab 0.386 0.226 0.108

relative Natural Colour (NC)

lab*lab 0.386 0.226 0.108

lab*lab 0.386 0.226 0.108

lab*lab 0.386 0.226 0.108

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 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 25.98 40.3 19.21

LAB*LABa 25.98 40.3 19.21

LAB*LABb 25.01 44.65 25.49

relative CIELAB lab*

lab*lab 0.272 0.451 0.215

lab*lab 0.272 0.451 0.215

lab*lab 0.272 0.451 0.215

relative Natural Colour (NC)

lab*lab 0.272 0.451 0.215

lab*lab 0.272 0.451 0.215

lab*lab 0.272 0.451 0.215

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.136 0.226 0.108

LAB*LABa 0.136 0.226 0.108

LAB*LABb 0.125 0.25 0.071

relative CIELAB lab*

lab*lab 0.136 0.226 0.108

lab*lab 0.136 0.226 0.108

lab*lab 0.136 0.226 0.108

relative Natural Colour (NC)

lab*lab 0.136 0.226 0.108

lab*lab 0.136 0.226 0.108

lab*lab 0.136 0.226 0.108

relative Inform. Technology (IT)

olv3* 1.0 0.5 0.5 (1.0)

cmyn3* 0.0 0.5 0.5 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 62.81 60.46 28.81

LAB*LABa 62.81 60.46 28.81

LAB*LABb 62.5 66.97 25.48

relative CIELAB lab*

lab*lab 0.626 0.25 0.1

lab*lab 0.626 0.25 0.1

lab*lab 0.626 0.25 0.1

relative Natural Colour (NC)

lab*lab 0.626 0.25 0.1

lab*lab 0.626 0.25 0.1

lab*lab 0.626 0.25 0.1

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 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 51.94 80.61 38.42

LAB*LABa 51.94 80.61 38.42

LAB*LABb 50.0 89.29 25.48

relative CIELAB lab*

lab*lab 0.589 0.677 0.323

lab*lab 0.589 0.677 0.323

lab*lab 0.589 0.677 0.323

relative Natural Colour (NC)

lab*lab 0.589 0.677 0.323

lab*lab 0.589 0.677 0.323

lab*lab 0.589 0.677 0.323

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 1.0 1.0 (1.0)

cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 38.97 60.46 28.82

LAB*LABa 38.97 60.46 28.82

LAB*LABb 37.51 66.98 25.49

relative CIELAB lab*

lab*lab 0.408 0.677 0.323

lab*lab 0.408 0.677 0.323

lab*lab 0.408 0.677 0.323

relative Natural Colour (NC)

lab*lab 0.408 0.677 0.323

lab*lab 0.408 0.677 0.323

lab*lab 0.408 0.677 0.323

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 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 19.13 13.0 9.61

LAB*LABa 19.13 13.0 9.61

LAB*LABb 19.13 13.0 9.61

relative CIELAB lab*

lab*lab 0.272 0.451 0.215

lab*lab 0.272 0.451 0.215

lab*lab 0.272 0.451 0.215

relative Natural Colour (NC)

lab*lab 0.272 0.451 0.215

lab*lab 0.272 0.451 0.215

lab*lab 0.272 0.451 0.215

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 18.02 0.0 0.0

LAB*LABa 18.02 0.0 0.0

LAB*LABb 0.01 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

lab*lab 0.0 0.0 0.0 (1.0)

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$ $n^* = 9.25$ $n^* = 9.50$ $n^* = 9.75$ $n^* = 10.00$ $n^* = 10.25$ $n^* = 10.50$ $n^* = 10.75$ $n^* = 11.00$ $n^* = 11.25$ $n^* = 11.50$ $n^* = 11.75$ $n^* = 12.00$ $n^* = 12.25$ $n^* = 12.50$ $n^* = 12.75$ $n^* = 13.00$ $n^* = 13.25$ $n^* = 13.50$ $n^* = 13.75$ $n^* = 14.00$ $n^* = 14.25$ $n^* = 14.50$ $n^* = 14.75$ $n^* = 15.00$ $n^* = 15.25$ $n^* = 15.50$ $n^* = 15.75$ $n^* = 16.00$ $n^* = 16.25$ $n^* = 16.50$ $n^* = 16.75$ $n^* = 17.00$ $n^* = 17.25$ $n^* = 17.50$ $n^* = 17.75$ $n^* = 18.00$ $n^* = 18.25$ $n^* = 18.50$ $n^* = 18.75$ $n^* = 19.00$ $n^* = 19.25$ $n^* = 19.50$ $n^* = 19.75$ $n^* = 20.00$ $n^* = 20.25$

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

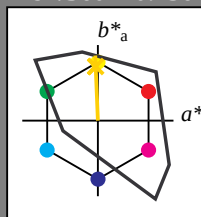
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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
BC _{IE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 1.0 1.0 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*TCh 99.99 0.01

relative Inform. Technology (IT)
olv3* 1.0 0.956 0.75 (1.0)
cmyn3* 0.0 0.044 0.25 (0.0)
olv4* 1.0 0.956 0.75 (1.0)
cmyn4* 0.0 0.044 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 92.86 -0.87 21.53
LAB*Lab 92.86 -0.87 21.53
LAB*TCh 87.5 21.54 92.33

relative Inform. Technology (IT)
olv3* 1.0 0.912 0.5 (1.0)
cmyn3* 0.0 0.088 0.5 (0.0)
olv4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 90.31 -1.74 43.06
LAB*Lab 90.31 -1.74 43.06
LAB*TCh 75.0 43.09 92.32

relative Inform. Technology (IT)
olv3* 1.0 0.868 0.25 (1.0)
cmyn3* 0.0 0.132 0.25 (0.0)
olv4* 1.0 0.868 0.25 (1.0)
cmyn4* 0.0 0.132 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 87.76 -2.61 64.59
LAB*Lab 87.76 -2.61 64.59
LAB*TCh 62.5 64.64 92.32

relative Inform. Technology (IT)
olv3* 1.0 0.824 0.0 (1.0)
cmyn3* 0.0 0.176 0.0 (0.0)
olv4* 1.0 0.824 0.0 (1.0)
cmyn4* 0.0 0.176 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 85.22 -3.47 86.11
LAB*Lab 85.22 -3.47 86.11
LAB*TCh 50.0 86.18 92.32

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 56.71 0.24 21.4
LAB*Lab 56.71 0.24 21.4
LAB*TCh 50.0 0.01

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 0.956 0.75 (1.0)
cmyn4* 0.0 0.044 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 92.86 -0.87 21.53
LAB*Lab 92.86 -0.87 21.53
LAB*TCh 87.5 21.54 92.33

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 0.956 0.75 (1.0)
cmyn4* 0.0 0.044 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 92.86 -0.87 21.53
LAB*Lab 92.86 -0.87 21.53
LAB*TCh 87.5 21.54 92.33

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 0.956 0.75 (1.0)
cmyn4* 0.0 0.044 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 92.86 -0.87 21.53
LAB*Lab 92.86 -0.87 21.53
LAB*TCh 87.5 21.54 92.33

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 0.956 0.75 (1.0)
cmyn4* 0.0 0.044 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 92.86 -0.87 21.53
LAB*Lab 92.86 -0.87 21.53
LAB*TCh 87.5 21.54 92.33

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 43.06 -1.73 43.06
LAB*Lab 43.06 -1.73 43.06
LAB*TCh 25.0 43.09 92.31

relative Inform. Technology (IT)
olv3* 0.473 -0.029 0.25
lab*ch 0.375 0.25 0.256
lab*nch 0.75 0.25 0.256
relative Natural Colour (NC)
lab*lrj 0.473 0.0 0.25
lab*lce 0.75 0.25 0.256
lab*nce 0.5 0.25 0.256

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 42.62 -1.73 43.06
LAB*Lab 42.62 -1.73 43.06
LAB*TCh 25.01 43.09 92.31

relative Inform. Technology (IT)
olv3* 0.67 -0.029 0.749
lab*ch 0.375 0.75 0.256
lab*nch 0.75 0.75 0.256
relative Natural Colour (NC)
lab*lrj 0.67 0.0 0.75
lab*lce 0.75 0.75 0.256
lab*nce 0.25 0.75 0.256

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 37.36 0.0 0.0
LAB*Lab 37.36 0.0 0.0
LAB*TCh 25.0 0.01

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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.0 0.01

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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.0 0.01

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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.0 0.01

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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.0 0.01

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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.0 0.01

OG550-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

BAM-Prüfvorlage OG55; Farbmetrik-Systeme ORS18 & ORS18input: $cmY^*0^* setcmykcolor$

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

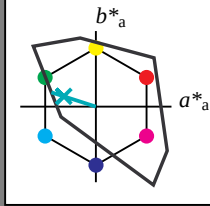
Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

D65: Buntton G

LCH*Ma: 86 62 162

olv*Ma: 0.0 1.0 0.65

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmyn3* 0.0 0.0 0.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.41 0.0 0.0

LAB*LABa 95.41 0.0 0.0

LAB*LABb 99.99 0.01 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

standard and adapted CIELAB

LAB*LAB 71.57 0.0 0.0

LAB*LABa 71.57 0.0 0.0

LAB*LABb 75.00 0.01 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

standard and adapted CIELAB

LAB*LAB 47.72 0.0 0.0

LAB*LABa 47.72 0.0 0.0

LAB*LABb 50.00 0.01 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

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

standard and adapted CIELAB

LAB*LAB 23.87 0.0 0.0

LAB*LABa 23.87 0.0 0.0

LAB*LABb 25.00 0.01 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

standard and adapted CIELAB

LAB*LAB 12.15 0.0 0.0

LAB*LABa 12.15 0.0 0.0

LAB*LABb 12.50 0.01 0.0

relative CIELAB lab*

lab*lab 0.125 0.0 0.0

lab*lab 0.125 0.0 0.0

lab*lab 0.125 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.125 0.0 0.0

lab*lab 0.125 0.0 0.0

lab*lab 0.125 0.0 0.0

standard and adapted CIELAB

LAB*LAB 6.07 0.0 0.0

LAB*LABa 6.07 0.0 0.0

LAB*LABb 6.25 0.01 0.0

relative CIELAB lab*

lab*lab 0.0625 0.0 0.0

lab*lab 0.0625 0.0 0.0

lab*lab 0.0625 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0625 0.0 0.0

lab*lab 0.0625 0.0 0.0

lab*lab 0.0625 0.0 0.0

standard and adapted CIELAB

LAB*LAB 3.03 0.0 0.0

LAB*LABa 3.03 0.0 0.0

LAB*LABb 3.12 0.01 0.0

relative CIELAB lab*

lab*lab 0.03125 0.0 0.0

lab*lab 0.03125 0.0 0.0

lab*lab 0.03125 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.03125 0.0 0.0

lab*lab 0.03125 0.0 0.0

lab*lab 0.03125 0.0 0.0

standard and adapted CIELAB

LAB*LAB 1.51 0.0 0.0

LAB*LABa 1.51 0.0 0.0

LAB*LABb 1.56 0.01 0.0

relative CIELAB lab*

lab*lab 0.015625 0.0 0.0

lab*lab 0.015625 0.0 0.0

lab*lab 0.015625 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.015625 0.0 0.0

lab*lab 0.015625 0.0 0.0

lab*lab 0.015625 0.0 0.0

TLS00; adaptierte CIELAB-Daten

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

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$

relative Inform. Technology (IT)

olv3* 0.5 1.0 0.75 (1.0)

cmyn3* 0.25 0.0 0.0 (0.0)

olv4* 0.5 1.0 0.75 (1.0)

cmyn4* 0.25 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 90.57 -29.42 9.43

LAB*LABa 90.57 -29.42 9.43

LAB*LABb 90.57 -29.42 9.43

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

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

standard and adapted CIELAB

LAB*LAB 66.73 -29.42 9.44

LAB*LABa 66.73 -29.42 9.44

LAB*LABb 66.73 -29.42 9.44

relative CIELAB lab*

lab*lab 0.333 0.0 0.0

lab*lab 0.333 0.0 0.0

lab*lab 0.333 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.333 0.0 0.0

lab*lab 0.333 0.0 0.0

lab*lab 0.333 0.0 0.0

standard and adapted CIELAB

LAB*LAB 44.48 -29.42 9.44

LAB*LABa 44.48 -29.42 9.44

LAB*LABb 44.48 -29.42 9.44

relative CIELAB lab*

lab*lab 0.222 0.0 0.0

lab*lab 0.222 0.0 0.0

lab*lab 0.222 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.222 0.0 0.0

lab*lab 0.222 0.0 0.0

lab*lab 0.222 0.0 0.0

standard and adapted CIELAB

LAB*LAB 30.32 -29.42 9.44

LAB*LABa 30.32 -29.42 9.44

LAB*LABb 30.32 -29.42 9.44

relative CIELAB lab*

lab*lab 0.167 0.0 0.0

lab*lab 0.167 0.0 0.0

lab*lab 0.167 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.167 0.0 0.0

lab*lab 0.167 0.0 0.0

lab*lab 0.167 0.0 0.0

standard and adapted CIELAB

LAB*LAB 20.21 -29.42 9.44

LAB*LABa 20.21 -29.42 9.44

LAB*LABb 20.21 -29.42 9.44

relative CIELAB lab*

lab*lab 0.111 0.0 0.0

lab*lab 0.111 0.0 0.0

lab*lab 0.111 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.111 0.0 0.0

lab*lab 0.111 0.0 0.0

lab*lab 0.111 0.0 0.0

standard and adapted CIELAB

LAB*LAB 13.47 -29.42 9.44

LAB*LABa 13.47 -29.42 9.44

LAB*LABb 13.47 -29.42 9.44

relative CIELAB lab*

lab*lab 0.074 0.0 0.0

lab*lab 0.074 0.0 0.0

lab*lab 0.074 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.074 0.0 0.0

lab*lab 0.074 0.0 0.0

lab*lab 0.074 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 1.0 0.5 (1.0)

cmyn3* 0.125 0.0 0.0 (0.0)

olv4* 0.25 1.0 0.5 (1.0)

cmyn4* 0.125 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 88.16 -44.13 14.15

LAB*LABa 88.16 -44.13 14.15

LAB*LABb 88.16 -44.13 14.15

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

standard and adapted CIELAB

LAB*LAB 58.74 -44.13 14.15

LAB*LABa 58.74 -44.13 14.15

LAB*LABb 58.74 -44.13 14.15

relative CIELAB lab*

lab*lab 0.167 0.0 0.0

lab*lab 0.167 0.0 0.0

lab*lab 0.167 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.167 0.0 0.0

lab*lab 0.167 0.0 0.0

lab*lab 0.167 0.0 0.0

standard and adapted CIELAB

LAB*LAB 39.51 -44.13 14.15

LAB*LABa 39.51 -44.13 14.15

LAB*LABb 39.51 -44.13 14.15

relative CIELAB lab*

lab*lab 0.111 0.0 0.0

lab*lab 0.111 0.0 0.0

lab*lab 0.111 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.111 0.0 0.0

lab*lab 0.111 0.0 0.0

lab*lab 0.111 0.0 0.0

standard and adapted CIELAB

LAB*LAB 26.34 -44.13 14.15

LAB*LABa 26.34 -44.13 14.15

LAB*LABb 26.34 -44.13 14.15

relative CIELAB lab*

lab*lab 0.074 0.0 0.0

lab*lab 0.074 0.0 0.0

lab*lab 0.074 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.074 0.0 0.0

lab*lab 0.074 0.0 0.0

lab*lab 0.074 0.0 0.0

standard and adapted CIELAB

LAB*LAB 17.56 -44.13 14.15

LAB*LABa 17.56 -44.13 14.15

LAB*LABb 17.56 -44.13 14.15

relative CIELAB lab*

lab*lab 0.049 0.0 0.0

lab*lab 0.049 0.0 0.0

lab*lab 0.049 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.049 0.0 0.0

lab*lab 0.049 0.0 0.0

lab*lab 0.049 0.0 0.0

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$ $n^* = 9.25$ $n^* = 9.50$ $n^* = 9.75$ $n^* = 10.00$ $n^* = 10.25$ $n^* = 10.50$ $n^* = 10.75$ $n^* = 11.00$ $n^* = 11.25$ $n^* = 11.50$ $n^* = 11.75$ $n^* = 12.00$ $n^* = 12.25$ $n^* = 12.50$ $n^* = 12.75$ $n^* = 13.00$ $n^* = 13.25$ $n^* = 13.50$ $n^* = 13.75$ $n^* = 14.00$ $n^* = 14.25$ $n^* = 14.50$ $n^* = 14.75$ $n^* = 15.00$ $n^* = 15.25$ $n^* = 15.50$ $n^* = 15.75$ $n^* = 16.00$ $n^* = 16.25$ $n^* = 16.50$ $n^* = 16.75$ $n^* = 17.00$ $n^* = 17.25$ $n^* = 17.50$ $n^* = 17.75$ $n^* = 18.00$ $n^* = 18.25$ $n^* = 18.50$ $n^* = 18.75$ $n^* = 19.00$ $n^* = 19.25$ $n^* = 19.50$ $n^* = 19.75$ $n^* = 20.00$ $n^* = 20.25$ $n^* = 20.50$ $n^* = 20.75$ $n^* = 21.00$ $n^* = 21.25$ $n^* = 21.50$ $n^* = 21.75$ $n^* = 22.00$ $n^* = 22.25$

A diagram of a 1D lattice represented by a horizontal line with vertical tick marks. The lattice is divided into three regions: a red region on the left labeled '0', a green region in the middle labeled 'L', and a blue region on the right labeled 'V'. The boundaries between these regions are marked with vertical lines.