

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

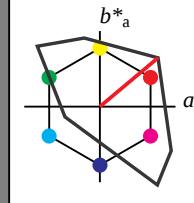
lab^*ch und lab^*nch

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*Lab	95.41	0.0	0.0	
LAB*Lab	95.41	0.0	0.0	

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*Lab	84.18	19.22	16.13	
LAB*Lab	84.18	19.22	16.13	

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*Lab	72.95	38.45	32.27	
LAB*Lab	72.95	38.45	32.27	

relative Inform. Technology (IT)

olv3*	1.0	0.25	0.25	(1.0)
cmyn3*	0.0	0.75	0.75	(0.0)
olv4*	1.0	0.25	0.25	(1.0)
cmyn4*	0.0	0.75	0.75	(0.0)
LAB*LAB	61.72	57.68	48.41	
LAB*Lab	61.72	57.68	48.41	
LAB*Lab	61.72	57.68	48.41	
LAB*Lab	61.72	57.68	48.41	

relative Inform. Technology (IT)

olv3*	1.0	0.0	0.0	(1.0)
cmyn3*	0.0	1.0	1.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	1.0	1.0	(0.0)
LAB*LAB	50.00	100.00	40.00	
LAB*Lab	50.00	100.00	40.00	
LAB*Lab	50.00	100.00	40.00	
LAB*Lab	50.00	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.75	0.0	0.0	(1.0)
cmyn3*	0.25	1.0	1.0	(0.0)
olv4*	0.75	0.0	0.0	(1.0)
cmyn4*	0.25	1.0	1.0	(0.0)
LAB*LAB	37.88	57.68	48.41	
LAB*Lab	37.88	57.68	48.41	
LAB*Lab	37.88	57.68	48.41	
LAB*Lab	37.88	57.68	48.41	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	1.0	1.0	(0.0)
olv4*	0.5	0.0	0.0	(1.0)
cmyn4*	0.5	1.0	1.0	(0.0)
LAB*LAB	25.00	100.00	40.00	
LAB*Lab	25.00	100.00	40.00	
LAB*Lab	25.00	100.00	40.00	
LAB*Lab	25.00	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.25	0.0	0.0	(1.0)
cmyn3*	0.75	1.0	1.0	(0.0)
olv4*	0.25	0.0	0.0	(1.0)
cmyn4*	0.75	1.0	1.0	(0.0)
LAB*LAB	12.50	100.00	40.00	
LAB*Lab	12.50	100.00	40.00	
LAB*Lab	12.50	100.00	40.00	
LAB*Lab	12.50	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olv4*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)
LAB*LAB	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olv4*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)
LAB*LAB	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olv4*	0.25	0.25	0.25	(1.0)
cmyn4*	0.75	0.75	0.75	(0.0)
LAB*LAB	23.87	0.0	0.0	
LAB*Lab	23.87	0.0	0.0	
LAB*Lab	23.87	0.0	0.0	
LAB*Lab	23.87	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.392	0.236	0.084	
cmyn3*	0.608	0.764	0.916	
olv4*	0.392	0.236	0.084	
cmyn4*	0.608	0.764	0.916	
LAB*LAB	25.26	38.45	32.27	
LAB*Lab	25.26	38.45	32.27	
LAB*Lab	25.26	38.45	32.27	
LAB*Lab	25.26	38.45	32.27	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	1.0	1.0	(0.0)
olv4*	0.5	0.0	0.0	(1.0)
cmyn4*	0.5	1.0	1.0	(0.0)
LAB*LAB	12.50	100.00	40.00	
LAB*Lab	12.50	100.00	40.00	
LAB*Lab	12.50	100.00	40.00	
LAB*Lab	12.50	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.25	0.0	0.0	(1.0)
cmyn3*	0.75	1.0	1.0	(0.0)
olv4*	0.25	0.0	0.0	(1.0)
cmyn4*	0.75	1.0	1.0	(0.0)
LAB*LAB	6.25	100.00	40.00	
LAB*Lab	6.25	100.00	40.00	
LAB*Lab	6.25	100.00	40.00	
LAB*Lab	6.25	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olv4*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)
LAB*LAB	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olv4*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)
LAB*LAB	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olv4*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)
LAB*LAB	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olv4*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)
LAB*LAB	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olv4*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)
LAB*LAB	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olv4*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)
LAB*LAB	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	
LAB*Lab	0.00	100.00	40.00	

OG550-7, 5 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (links)

5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (rechts)

BAM-Prüfvorlage OG55; Farbmetrik-Systeme ORS18 & ORS18input: cmy0* setcmykcolor

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

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

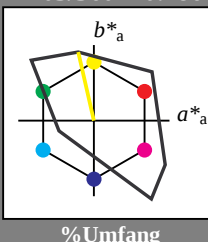
lab^*tch und lab^*nch

D65: Buntton Y

LCH*Ma: 93 93 103

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 158$

%Umfang

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

olv4* 1.0 1.0 1.0 (1.0)

olv5* 1.0 1.0 1.0 (1.0)

olv6* 1.0 1.0 1.0 (1.0)

olv7* 1.0 1.0 1.0 (1.0)

olv8* 1.0 1.0 1.0 (1.0)

olv9* 1.0 1.0 1.0 (1.0)

olv10* 1.0 1.0 1.0 (1.0)

standard and adapted CIELAB

LAB*Lab 95.41 0.0 0.0

LAB*Lab 95.41 0.0 0.0

LAB*Lab 95.41 0.0 0.0

LAB*Lab 95.41 0.0 0.0

LAB*Lab 95.41 0.0 0.0

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LAB*Lab 95.41 0.0 0.0

LAB*Lab 95.41 0.0 0.0

LAB*Lab 95.41 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
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* 1.0 1.0 1.0 (1.0)

olv4* 1.0 1.0 1.0 (1.0)

olv5* 1.0 1.0 1.0 (1.0)

olv6* 1.0 1.0 1.0 (1.0)

olv7* 1.0 1.0 1.0 (1.0)

olv8* 1.0 1.0 1.0 (1.0)

olv9* 1.0 1.0 1.0 (1.0)

olv10* 1.0 1.0 1.0 (1.0)

standard and adapted CIELAB

LAB*Lab 94.03 -10.34 45.37

LAB*Lab 94.03 -10.34 45.37

LAB*Lab 94.03 -10.34 45.37

LAB*Lab 94.03 -10.34 45.37

LAB*Lab 94.03 -10.34 45.37

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LAB*Lab 94.03 -10.34 45.37

LAB*Lab 94.03 -10.34 45.37

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

olv4* 1.0 1.0 1.0 (1.0)

olv5* 1.0 1.0 1.0 (1.0)

olv6* 1.0 1.0 1.0 (1.0)

olv7* 1.0 1.0 1.0 (1.0)

olv8* 1.0 1.0 1.0 (1.0)

olv9* 1.0 1.0 1.0 (1.0)

olv10* 1.0 1.0 1.0 (1.0)

standard and adapted CIELAB

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

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LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

olv4* 1.0 1.0 1.0 (1.0)

olv5* 1.0 1.0 1.0 (1.0)

olv6* 1.0 1.0 1.0 (1.0)

olv7* 1.0 1.0 1.0 (1.0)

olv8* 1.0 1.0 1.0 (1.0)

olv9* 1.0 1.0 1.0 (1.0)

olv10* 1.0 1.0 1.0 (1.0)

standard and adapted CIELAB

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

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LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

LAB*Lab 93.34 -15.51 68.05

1.00

0.75

$n^* = 0.00$

0.25

$n^* = 0.25$

Schwarzheit n^*

$n^* = 0.50$

0.25

0.50

0.75

1.00

relative Buntheit c^*

0.00

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

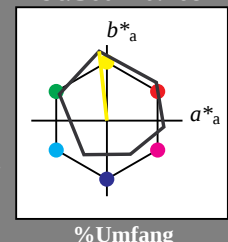
lab^*tch und lab^*nch

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)

olv4* 1.0 1.0 1.0 (1.0)

olv5* 1.0 1.0 1.0 (1.0)

olv6* 1.0 1.0 1.0 (1.0)

olv7* 1.0 1.0 1.0 (1.0)

olv8* 1.0 1.0 1.0 (1.0)

olv9* 1.0 1.0 1.0 (1.0)

olv10* 1.0 1.0 1.0 (1.0)

standard and adapted CIELAB

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

LAB*Lab 95.41 -0.98 4.75

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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

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

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

olv4* 1.0 1.0 1.0 (1.0)

olv5* 1.0 1.0 1.0 (1.0)

olv6* 1.0 1.0 1.0 (1.0)

olv7* 1.0 1.0 1.0 (1.0)

olv8* 1.0 1.0 1.0 (1.0)

olv9* 1.0 1.0 1.0 (1.0)

olv10* 1.0 1.0 1.0 (1.0)

standard and adapted CIELAB

LAB*Lab 92.88 -6.05 50.46

LAB*Lab 92.88 -6.05 50.46

LAB*Lab 92.88 -6.05 50.46

LAB*Lab 92.88 -6.05 50.46

LAB*Lab 92.88 -6.05 50.46

LAB*Lab 92.88 -6.05 50.46

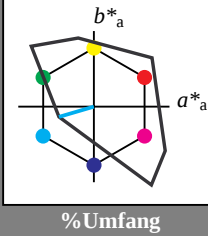
Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 196/360 = 0.545$

lab^*ch und lab^*nch

D65: Buntton C
LCH*Ma: 87 48 196
olv*Ma: 0.0 1.0 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 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*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
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

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 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

%Umfang

$u^*_{rel} = 158$

%Regularität

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

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

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

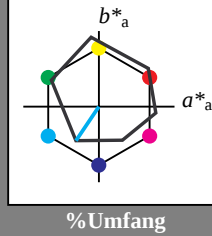
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$

lab^*ch und lab^*nch

D65: Buntton C
LCH*Ma: 59 54 236
olv*Ma: 0.0 1.0 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 -0.98 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*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LABa 76.06 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
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

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Umfang

$u^*_{rel} = 93$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

OG550-7, 5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (links)

5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (rechts)

BAM-Prüfvorlage OG55; Farbmetrik-Systeme ORS18 & ORS18input: `cmY0* setcmykcolor`

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

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

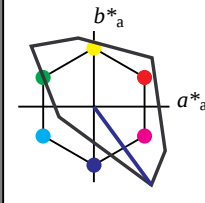
lab^*ch und lab^*nch

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
olv4*	0.0	0.0
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.75	0.75
olv4*	0.25	0.25
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.5	0.5
olv4*	0.25	0.25
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.25	0.25
olv4*	0.0	0.0
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.0	0.0
olv4*	0.0	0.0
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.0	0.0
olv4*	0.0	0.0
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.0	0.0
olv4*	0.0	0.0
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.0	0.0
olv4*	0.0	0.0
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.0	0.0
olv4*	0.0	0.0
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.0	0.0
olv4*	0.0	0.0
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

OG550-7, 5 stufige Reihen für konstanten CIELAB Buntton 306/360 = 0.851 (links)

BAM-Prüfvorlage OG55; Farbmetrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttonen

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

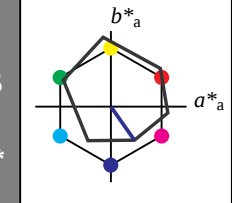
lab^*ch und lab^*nch

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
olv4*	0.0	0.0
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.75	0.75
olv4*	0.25	0.25
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

relative Inform. Technology (IT)		
olv3*	0.5	0.5
olv4*	0.25	0.25
olv5*	0.0	0.0
olv6*	0.0	0.0
olv7*	0.0	0.0
olv8*	0.0	0.0
olv9*	0.0	0.0
olv10*	0.0	0.0
olv11*	0.0	0.0
olv12*	0.0	0.0
olv13*	0.0	0.0
olv14*	0.0	0.0
olv15*	0.0	0.0
olv16*	0.0	0.0
olv17*	0.0	0.0
olv18*	0.0	0.0
olv19*	0.0	0.0
olv20*	0.0	0.0

||
||
||

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

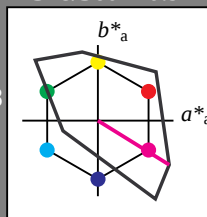
lab^*ch und lab^*nch

D65: Buntton M

LCH*Ma: 57 111 328

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	0.0
cmyn3*	0.0	0.0	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	0.25
cmyn3*	0.0	0.0	0.0	0.25
LAB*LAB	71.57	0.0	0.0	0.0
LAB*LAB	71.57	0.0	0.0	0.0
LAB*LAB	71.57	0.0	0.0	0.0
LAB*LAB	71.57	0.0	0.0	0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
olv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	0.5
cmyn3*	0.0	0.0	0.0	0.5
LAB*LAB	47.72	0.0	0.0	0.0
LAB*LAB	47.72	0.0	0.0	0.0
LAB*LAB	47.72	0.0	0.0	0.0
LAB*LAB	47.72	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
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)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	0.25
cmyn3*	0.0	0.0	0.0	0.25
LAB*LAB	23.87	0.0	0.0	0.0
LAB*LAB	23.87	0.0	0.0	0.0
LAB*LAB	23.87	0.0	0.0	0.0
LAB*LAB	23.87	0.0	0.0	0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	0.0
cmyn3*	0.0	0.0	0.0	0.0
LAB*LAB	0.03	0.0	0.0	0.0
LAB*LAB	0.03	0.0	0.0	0.0
LAB*LAB	0.03	0.0	0.0	0.0
LAB*LAB	0.03	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	0.0
cmyn3*	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	1.0	0.75	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.75	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
cmyn3*	0.0	0.25	0.0	0.0
cmyn3*	0.0	0.25	0.0	0.0
LAB*LAB	85.88	23.58	-14.59	0.0
LAB*LAB	85.88	23.58	-14.59	0.0
LAB*LAB	85.88	23.58	-14.59	0.0
LAB*LAB	85.88	23.58	-14.59	0.0

relative CIELAB lab*

lab*lab	0.9	0.212	-0.131	0.0
lab*lab	0.875	0.25	0.912	0.0
lab*lab	0.875	0.25	0.912	0.0
lab*lab	0.875	0.25	0.912	0.0
lab*lab	0.875	0.25	0.912	0.0
lab*lab	0.875	0.25	0.912	0.0
lab*lab	0.875	0.25	0.912	0.0
lab*lab	0.875	0.25	0.912	0.0
lab*lab	0.875	0.25	0.912	0.0
lab*lab	0.875	0.25	0.912	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.5	0.75	(1.0)
olv3*	0.25	0.5	0.25	(0.0)
olv4*	1.0	0.75	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
cmyn3*	0.0	0.25	0.0	0.25
cmyn3*	0.0	0.25	0.0	0.25
LAB*LAB	62.03	23.59	-14.6	0.0
LAB*LAB	62.03	23.59	-14.6	0.0
LAB*LAB	62.03	23.59	-14.6	0.0
LAB*LAB	62.03	23.59	-14.6	0.0

relative CIELAB lab*

lab*lab	0.65	0.176	-0.177	0.0
lab*lab	0.625	0.25	0.874	0.0
lab*lab	0.625	0.25	0.874	0.0
lab*lab	0.625	0.25	0.874	0.0
lab*lab	0.625	0.25	0.874	0.0
lab*lab	0.625	0.25	0.874	0.0
lab*lab	0.625	0.25	0.874	0.0
lab*lab	0.625	0.25	0.874	0.0
lab*lab	0.625	0.25	0.874	0.0
lab*lab	0.625	0.25	0.874	0.0

relative Inform. Technology (IT)

olv3*	0.5	0.75	0.5	(1.0)
olv3*	0.25	0.75	0.25	(0.0)
olv4*	1.0	0.75	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
cmyn3*	0.0	0.25	0.0	0.5
cmyn3*	0.0	0.25	0.0	0.5
LAB*LAB	38.18	59.52	-14.6	0.0
LAB*LAB	38.18	59.52	-14.6	0.0
LAB*LAB	38.18	59.52	-14.6	0.0
LAB*LAB	38.18	59.52	-14.6	0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olv3*	0.25	0.0	0.25	(1.0)
olv3*	0.75	0.0	0.75	(0.0)
olv4*	1.0	0.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	0.5
cmyn3*	0.0	0.0	0.0	0.5
LAB*LAB	28.66	47.17	-19.19	0.0
LAB*LAB	28.66	47.17	-19.19	0.0
LAB*LAB	28.66	47.17	-19.19	0.0
LAB*LAB	28.66	47.17	-19.19	0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	0.0	1.0	(0.0)
olv4*	1.0	0.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	0.0
cmyn3*	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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	-29.37
LAB*LABa	76.35	47.17	-29.37
LAB*TCUa	75.0	55.47	32.8

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

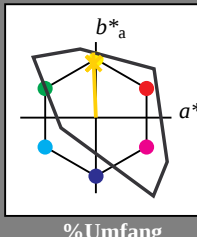
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)	
olv3*	1.0 1.0 1.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	95.41 0.0 0.0
LAB*Lab	95.41 0.0 0.0
LAB*Lab	95.41 0.0 0.0
LAB*Lab	95.41 0.0 0.0

relative Inform. Technology (IT)	
olv3*	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*Lab	92.86 -0.87 21.53
LAB*Lab	92.86 -0.87 21.53

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
cmyn3*	0.25 0.25 0.25 (0.0)
olv4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 0.0 0.0
LAB*Lab	71.57 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
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*	1.0 0.968 0.25 (1.0)
cmyn3*	0.0 0.132 0.75 (0.0)
olv4*	1.0 0.968 0.25 (1.0)
cmyn4*	0.0 0.132 0.75 (0.0)
standard and adapted CIELAB	
LAB*LAB	90.31 -1.74 43.06
LAB*Lab	90.31 -1.74 43.06
LAB*Lab	90.31 -1.74 43.06
LAB*Lab	90.31 -1.74 43.06

relative Inform. Technology (IT)	
olv3*	1.0 0.868 0.25 (1.0)
cmyn3*	0.0 0.176 1.0 (0.0)
olv4*	1.0 0.868 0.25 (1.0)
cmyn4*	0.0 0.176 1.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	87.76 -2.61 64.59
LAB*Lab	87.76 -2.61 64.59
LAB*Lab	87.76 -2.61 64.59
LAB*Lab	87.76 -2.61 64.59

relative Inform. Technology (IT)	
olv3*	0.75 0.618 0.0 (1.0)
cmyn3*	0.25 0.338 0.75 (0.0)
olv4*	1.0 0.912 0.5 (0.75)
cmyn4*	0.0 0.088 0.5 (0.25)
standard and adapted CIELAB	
LAB*LAB	66.47 -1.73 43.06
LAB*Lab	66.47 -1.73 43.06
LAB*Lab	66.47 -1.73 43.06
LAB*Lab	66.47 -1.73 43.06

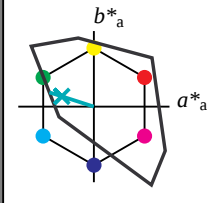
Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*lce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 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*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*lce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

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

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

$n^* = 1.0$

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
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* 0.5 0.0 0.174 (0.0)
olv4* 0.5 1.0 0.827 (1.0)
cmyn4* 0.5 0.0 0.173 (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 30.9 162.23

relative CIELAB lab*
lab*lab 0.949 -0.475 0.153
lab*ch 0.75 0.5 0.451
lab*nch 0.0 0.5 0.451
relative Natural Colour (NC)
lab*lrj 0.949 -0.499 0.0
lab*lce 0.75 0.5 0.3
lab*nce 0.0 0.5 0.3

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.45 (1.0)
cmyn3* 0.75 0.25 0.424 (0.0)
olv4* 0.5 1.0 0.826 (0.5)
cmyn4* 0.5 0.0 0.174 (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 30.91 162.22

relative CIELAB lab*
lab*lab 0.699 -0.475 0.153
lab*ch 0.5 0.5 0.451
lab*nch 0.0 0.5 0.451
relative Natural Colour (NC)
lab*lrj 0.699 -0.499 0.0
lab*lce 0.5 0.5 0.3
lab*nce 0.0 0.5 0.3

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.339 (1.0)
cmyn3* 1.0 0.5 0.674 (0.0)
olv4* 0.5 0.5 0.826 (0.5)
cmyn4* 0.5 0.0 0.174 (0.0)
standard and adapted CIELAB
LAB*LAB 42.88 -29.42 9.44
LAB*LABa 42.88 -29.42 9.44
LAB*LABb 42.88 30.91 162.22

relative CIELAB lab*
lab*lab 0.449 -0.475 0.153
lab*ch 0.25 0.5 0.451
lab*nch 0.0 0.5 0.451
relative Natural Colour (NC)
lab*lrj 0.449 -0.499 0.0
lab*lce 0.25 0.5 0.3
lab*nce 0.0 0.5 0.3

$n^* = 0.50$

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.74 (1.0)
cmyn3* 0.75 0.0 0.26 (0.0)
olv4* 0.25 1.0 0.74 (1.0)
cmyn4* 0.75 0.0 0.26 (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 46.35 162.23

relative CIELAB lab*
lab*lab 0.924 -0.713 0.229
lab*ch 0.625 0.75 0.451
lab*nch 0.0 0.75 0.451
relative Natural Colour (NC)
lab*lrj 0.924 -0.749 0.0
lab*lce 0.625 0.75 0.5
lab*nce 0.0 0.75 0.5

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.45 (1.0)
cmyn3* 1.0 0.25 0.51 (0.0)
olv4* 0.25 1.0 0.74 (0.5)
cmyn4* 0.75 0.0 0.26 (0.0)
standard and adapted CIELAB
LAB*LAB 64.32 -44.14 14.16
LAB*LABa 64.32 -44.14 14.16
LAB*LABb 64.32 46.36 162.22

relative CIELAB lab*
lab*lab 0.674 -0.713 0.229
lab*ch 0.375 0.75 0.451
lab*nch 0.0 0.75 0.451
relative Natural Colour (NC)
lab*lrj 0.674 -0.749 0.0
lab*lce 0.375 0.75 0.5
lab*nce 0.0 0.75 0.5

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

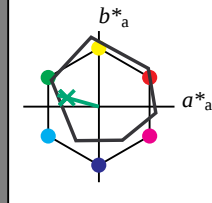
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$

lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 53 57 164
olv*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

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 -0.98 4.75
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*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*lce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 75.00 0.01 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*lrj 0.75 0.0 0.0
lab*lce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -2.24 2.14
LAB*LABa 56.71 -2.24 2.14
LAB*LABb 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*lce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.25 0.0 0.0
lab*lce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 0.25$

$n^* = 0.00$

$n^* = 1.0$

Schwarzheit n^*

relative Buntheit c^*

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.623 (1.0)
cmyn3* 0.5 0.0 0.188 (0.0)
olv4* 0.5 1.0 0.812 (1.0)
cmyn4* 0.5 0.0 0.188 (0.0)
standard and adapted CIELAB
LAB*LAB 84.75 -14.48 7.85
LAB*LABa 84.75 -13.69 3.81
LAB*LABb 84.75 14.25 164.46

relative CIELAB lab*
lab*lab 0.862 -0.24 0.067
lab*ch 0.875 0.25 0.457
lab*nch 0.0 0.25 0.457
relative Natural Colour (NC)
lab*lrj 0.862 -0.249 0.0
lab*lce 0.875 0.25 0.5
lab*nce 0.0 0.25 0.5

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.5 (1.0)
cmyn3* 0.5 0.25 0.438 (0.0)
olv4* 0.5 1.0 0.812 (0.5)
cmyn4* 0.5 0.0 0.188 (0.0)
standard and adapted CIELAB
LAB*LAB 65.41 -14.11 6.35
LAB*LABa 65.41 -13.7 3.81
LAB*LABb 65.41 14.23 164.45

relative CIELAB lab*
lab*lab 0.5 0.75 0.5 (1.0)
lab*ch 0.5 0.75 0.5 (1.0)
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*lrj 0.5 0.75 0.5 (1.0)
lab*lce 0.5 0.75 0.5 (1.0)
lab*nce 0.0 0.5 0.457

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.45 (1.0)
cmyn3* 0.75 0.25 0.627 (0.0)
olv4* 0.5 1.0 0.812 (0.5)
cmyn4* 0.5 0.0 0.188 (0.0)
standard and adapted CIELAB
LAB*LAB 54.76 -27.61 9.64
LAB*LABa 54.76 -27.41 7.63
LAB*LABb 54.76 28.46 164.45

relative CIELAB lab*
lab*lab 0.475 -0.499 0.0
lab*ch 0.475 -0.499 0.0
lab*nch 0.0 0.475 0.457
relative Natural Colour (NC)
lab*lrj 0.475 -0.499 0.0
lab*lce 0.475 -0.499 0.0
lab*nce 0.0 0.475 0.457

$n^* = 0.25$

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

BAM-Prüfvorlage OG55; Farbmetrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

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

5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

OG550-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

relative Buntheit c^*

relative Buntheit c^*

