

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$

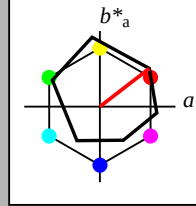
lab^*ich und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 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 76.06 -0.61 3.44

LAB*LABa 76.06 0.0 0.0

LAB*LABb 76.06 0.0 0.0

LAB*LABc 76.06 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

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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

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* 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 71.67 32.15 28.41

LAB*LABa 71.67 32.15 28.41

LAB*LABb 71.67 32.15 28.41

LAB*LABc 71.67 32.15 28.41

relative CIELAB lab*

lab*lab 0.693 0.396 0.306

lab*lab 0.693 0.396 0.306

lab*lab 0.693 0.396 0.306

lab*lab 0.693 0.396 0.306

lab*lab 0.693 0.396 0.306

lab*lab 0.693 0.396 0.306

lab*lab 0.693 0.396 0.306

lab*lab 0.693 0.396 0.306

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lab*lab 0.693 0.396 0.306

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lab*lab 0.693 0.396 0.306

lab*lab 0.693 0.396 0.306

lab*lab 0.693 0.396 0.306

lab*lab 0.693 0.396 0.306

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

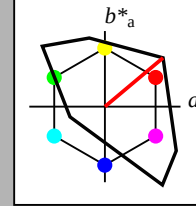
lab^*ich und lab^*nch

D65: Buntton O

LCH*Ma: 51 100 40

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

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 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

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

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

lab*lab 1.0 0.0 0.0

lab*lab 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 79.75 93.08 103

L_{Ma} 83.63 -82.75 90.9 115.04 136

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 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 72.95 38.45 32.27

LAB*LABa 72.95 38.45 32.27

LAB*LABb 72.95 38.45 32.27

LAB*LABc 72.95 38.45 32.27

relative CIELAB lab*

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

lab*lab 0.765 0.383 0.321

NG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

5 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (rechts)

BAM-Prüfvorlage NG50; Farbmetrik-Systeme ORS18 & TLS00 input: $olv^*setrgbcolor$

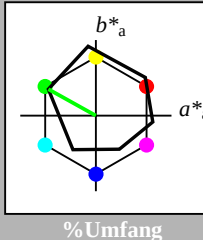
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne

output: $olv^*setrgbcolor / w^*setgray$

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 151/360 = 0.419$ lab^*ich und lab^*nch

D65: Buntton L
LCH*Ma: 51 72 151
olv*Ma: 0.0 1.0 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)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 47.5
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*ice 1.0 0.0 -
lab*nce 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*TCHa 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*ice 0.75 0.0 -
lab*nce 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 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCHa 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 -
lab*nce 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 -0.13 0.83
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 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

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 73.15 -31.96 20.73
LAB*LABa 73.15 -31.4 17.48
LAB*TCHa 75.0 35.95 150.91

relative CIELAB lab*
lab*lab 0.712 -0.436 0.243
lab*ich 0.712 -0.436 0.243
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.712 -0.436 0.243
lab*ice 0.712 -0.436 0.243
lab*nce 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* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.81 -31.6 19.43
LAB*LABa 53.81 -31.41 17.48
LAB*TCHa 50.0 35.95 150.91

relative CIELAB lab*
lab*lab 0.569 -0.654 0.365
lab*ich 0.569 -0.654 0.365
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.569 -0.654 0.365
lab*ice 0.569 -0.654 0.365
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 33.81 -31.6 19.43
LAB*LABa 33.81 -31.41 17.48
LAB*TCHa 50.0 35.95 150.91

relative CIELAB lab*
lab*lab 0.462 -0.478 0.144
lab*ich 0.462 -0.478 0.144
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.462 -0.478 0.144
lab*ice 0.462 -0.478 0.144
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.319 -0.654 0.365
lab*ich 0.319 -0.654 0.365
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.319 -0.654 0.365
lab*ice 0.319 -0.654 0.365
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.213 -0.436 0.243
lab*ich 0.213 -0.436 0.243
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.213 -0.436 0.243
lab*ice 0.213 -0.436 0.243
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.106 -0.217 0.121
lab*ich 0.106 -0.217 0.121
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.106 -0.217 0.121
lab*ice 0.106 -0.217 0.121
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.038 -0.359 0.347
lab*ich 0.038 -0.359 0.347
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.038 -0.359 0.347
lab*ice 0.038 -0.359 0.347
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.019 -0.179 0.174
lab*ich 0.019 -0.179 0.174
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.019 -0.179 0.174
lab*ice 0.019 -0.179 0.174
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.003 -0.003 0.003
lab*ich 0.003 -0.003 0.003
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.003 -0.003 0.003
lab*ice 0.003 -0.003 0.003
lab*nce 0.0 0.0 -

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

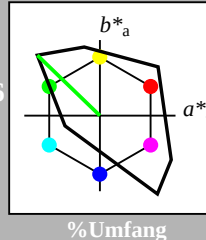
$n^* = 2.75$

$n^* = 3.00$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00 für Buntton $h^* = lab^*h = 136/360 = 0.378$ lab^*tch und lab^*nch

D65: Buntton L
LCH*Ma: 84 115 136
olv*Ma: 0.0 1.0 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)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*ice 1.0 0.0 -
lab*nce 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*TCHa 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*ice 0.75 0.0 -
lab*nce 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 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCHa 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 -
lab*nce 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 -0.13 0.83
LAB*LABa 37.36 0.0 0.0
LAB*TCHa 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 0.03 0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*nce 0.0 0.0 -

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 73.15 -31.96 20.73
LAB*LABa 73.15 -31.4 17.48
LAB*TCHa 75.0 35.95 150.91

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

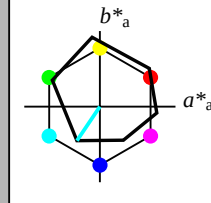
lab^*ich und lab^*nch

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 47.5
LAB*LAB 95.41 0.0 0.0
LAB*LAB 99.99 0.01 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0
lab*ich 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*ice 1.0 0.0 0.0
lab*nice 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*LAB 76.06 0.0 0.0
LAB*LAB 75.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0
lab*ich 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*ice 0.75 0.0 0.0
lab*nice 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 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 50.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ich 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*ice 0.5 0.0 0.0
lab*nice 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 0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 25.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0
lab*ich 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*ice 0.25 0.0 0.0
lab*nice 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 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.03 0.47
LAB*LAB 18.02 0.0 0.0
LAB*LAB 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0
lab*ich 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*ice 1.0 0.0 0.0
lab*nice 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 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.03 0.47
LAB*LAB 18.02 0.0 0.0
LAB*LAB 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0
lab*ich 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*ice 1.0 0.0 0.0
lab*nice 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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

$u^*_{rel} = 93$

relative Inform. Technology (IT)

olv3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.21 -8.39 -7.1
LAB*LAB 86.21 -7.57 -11.24
LAB*LAB 87.5 13.57 236.02

relative CIELAB lab*

lab*lab 0.881 -0.139 -0.206
lab*ich 0.875 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*tr 0.881 -0.123 -0.216
lab*ice 0.875 0.25 0.656
lab*nice 0.0 0.25 0.656

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.86 -8.02 -8.42
LAB*LAB 66.86 -7.58 -11.25
LAB*LAB 62.5 13.57 236.02

relative CIELAB lab*

lab*lab 0.631 -0.139 -0.206
lab*ich 0.625 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*tr 0.631 -0.123 -0.216
lab*ice 0.625 0.25 0.656
lab*nice 0.0 0.25 0.656

relative Inform. Technology (IT)

olv3* 0.25 0.5 0.5 (1.0)
cmyn3* 0.75 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.51 -7.64 -9.72
LAB*LAB 47.51 -7.58 -11.25
LAB*LAB 37.5 13.57 236.02

relative CIELAB lab*

lab*lab 0.381 -0.139 -0.206
lab*ich 0.375 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*tr 0.381 -0.123 -0.216
lab*ice 0.375 0.25 0.656
lab*nice 0.0 0.25 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 38.32 -15.03 -9.86
LAB*LAB 38.32 -15.16 -22.5
LAB*LAB 25.01 21.14 236.02

relative CIELAB lab*

lab*lab 0.262 -0.278 -0.414
lab*ich 0.25 0.5 0.656
lab*nch 0.0 0.5 0.656
relative Natural Colour (NC)
lab*tr 0.262 -0.247 -0.433
lab*ice 0.25 0.5 0.656
lab*nice 0.0 0.5 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 0.0 0.5 (0.0)
olv4* 0.75 1.0 0.5 (1.0)
cmyn4* 0.25 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 28.17 -7.57 -11.03
LAB*LAB 28.17 -7.57 -11.24
LAB*LAB 12.5 13.57 236.02

relative CIELAB lab*

lab*lab 0.131 -0.139 -0.206
lab*ich 0.125 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*tr 0.131 -0.123 -0.216
lab*ice 0.125 0.25 0.656
lab*nice 0.0 0.25 0.656

%Regularität

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

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

relative Inform. Technology (IT)

olv3* 0.25 1.0 1.0 (1.0)
cmyn3* 0.75 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 67.81 -23.21 -30.86
LAB*LAB 67.81 -23.75 -33.75
LAB*LAB 62.5 40.72 236.02

relative CIELAB lab*

lab*lab 0.642 -0.418 -0.621
lab*ich 0.625 0.75 0.656
lab*nch 0.0 0.75 0.656
relative Natural Colour (NC)
lab*tr 0.642 -0.371 -0.65
lab*ice 0.625 0.75 0.656
lab*nice 0.0 0.75 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.75 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.41 -22.83 -32.17
LAB*LAB 48.41 -22.75 -35.75
LAB*LAB 37.51 40.72 236.02

relative CIELAB lab*

lab*lab 0.394 -0.418 -0.621
lab*ich 0.375 0.75 0.656
lab*nch 0.0 0.75 0.656
relative Natural Colour (NC)
lab*tr 0.394 -0.371 -0.65
lab*ice 0.375 0.75 0.656
lab*nice 0.0 0.75 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.25 0.25 (1.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.75 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 48.41 -22.83 -32.17
LAB*LAB 48.41 -22.75 -35.75
LAB*LAB 37.51 40.72 236.02

relative CIELAB lab*

lab*lab 0.194 -0.418 -0.621
lab*ich 0.175 0.75 0.656
lab*nch 0.0 0.75 0.656
relative Natural Colour (NC)
lab*tr 0.194 -0.371 -0.65
lab*ice 0.175 0.75 0.656
lab*nice 0.0 0.75 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.25 (1.0)
cmyn3* 1.0 0.0 0.25 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.75 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 48.41 -22.83 -32.17
LAB*LAB 48.41 -22.75 -35.75
LAB*LAB 37.51 40.72 236.02

relative CIELAB lab*

lab*lab 0.0 0.0 0.25 (1.0)
lab*ich 0.0 0.0 0.25 (1.0)
lab*nch 1.0 0.0 0.25 (1.0)
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.25 (1.0)
lab*ice 1.0 0.0 0.25 (1.0)
lab*nice 1.0 0.0 0.25 (1.0)

relative Buntheit c^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

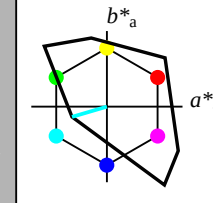
lab^*tch und lab^*nch

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*LAB 95.41 0.0 0.0
LAB*LAB 99.99 0.01 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0
lab*ich 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*ice 1.0 0.0 0.0
lab*nice 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 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 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0
LAB*LAB 75.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0
lab*ich 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*ice 0.75 0.0 0.0
lab*nice 0.0 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 56.71 0.0 0.0
LAB*LAB 56.71 0.0 0.0
LAB*LAB 50.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ich 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*ice 0.5 0.0 0.0
lab*nice 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 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 0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 25.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0
lab*ich 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*ice 0.25 0.0 0.0
lab*nice 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.25 0.25 (1.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.75 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 48.41 -22.83 -32.17
LAB*LAB 48.41 -22.75 -35.75
LAB*LAB 37.51 40.72 236.02

relative CIELAB lab*

lab*lab 0.125 -0.418 -0.621
lab*ich 0.125 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*tr 0.125 -0.371 -0.65
lab*ice 0.125 0.25 0.656
lab*nice 0.0 0.25 0.656

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 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0
lab*ich 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*ice 1.0 0.0 0.0
lab*nice 1.0 0.0 0.0

relative Buntheit c^*

TLS00; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

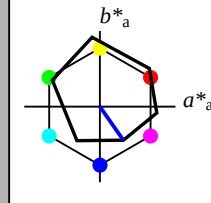
lab^*ch und lab^*nch

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)
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 47.5
LAB*LAB 95.41 0.0 0.0
LAB*LAB 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*trj 1.0 0.0 0.0
lab*nce 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 0.75
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 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*trj 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 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*trj 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 0.25
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 37.36 0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 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*trj 0.25 0.0 0.0
lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 18.02 0.03 0.47
LAB*LAB 18.02 0.0 0.0
LAB*LAB 0.01 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*trj 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

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

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 1.0
cmyn4* 0.5 0.5 0.5 0.0
standard and adapted CIELAB
LAB*LAB 60.56 15.23 -19.79
LAB*LAB 60.56 15.23 -19.79
LAB*LAB 75.00 27.1 305.0

relative CIELAB lab*
lab*lab 0.5 0.287 -0.408
lab*ch 0.75 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.5 0.225 -0.446
lab*nce 0.75 0.5 0.824

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 1.0 0.75
cmyn4* 0.5 0.5 0.0 0.25
standard and adapted CIELAB
LAB*LAB 41.22 15.56 -21.1
LAB*LAB 41.22 15.56 -21.1
LAB*LAB 50.00 27.1 305.0

relative CIELAB lab*
lab*lab 0.3 0.287 -0.409
lab*ch 0.5 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.3 0.225 -0.446
lab*nce 0.5 0.5 0.824

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.5 0.5 1.0 0.5
cmyn4* 0.5 0.5 0.0 0.5
standard and adapted CIELAB
LAB*LAB 23.8 23.71 -33.37
LAB*LAB 23.8 23.71 -33.37
LAB*LAB 37.51 40.66 305.0

relative CIELAB lab*
lab*lab 0.075 0.43 -0.613
lab*ch 0.375 0.75 0.847
lab*nch 0.0 0.75 0.847
relative Natural Colour (NC)
lab*trj 0.075 0.37 -0.669
lab*nce 0.25 0.75 0.824

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.5 0.5 1.0 0.5
cmyn4* 0.5 0.5 0.0 0.5
standard and adapted CIELAB
LAB*LAB 21.87 15.97 -22.19
LAB*LAB 21.87 15.97 -22.19
LAB*LAB 25.01 27.1 305.0

relative CIELAB lab*
lab*lab 0.0 0.287 -0.408
lab*ch 0.25 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.0 0.225 -0.446
lab*nce 0.5 0.5 0.824

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.0 0.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.25 0.25 1.0 1.0
cmyn4* 0.75 0.75 0.0 0.0
standard and adapted CIELAB
LAB*LAB 43.14 23.34 -32.07
LAB*LAB 43.14 23.34 -32.07
LAB*LAB 62.5 40.66 305.0

relative CIELAB lab*
lab*lab 0.32 0.43 -0.613
lab*ch 0.625 0.75 0.847
lab*nch 0.0 0.75 0.847
relative Natural Colour (NC)
lab*trj 0.32 0.37 -0.669
lab*nce 0.625 0.75 0.824

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.0 0.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 25.73 31.09 -44.38
LAB*LAB 25.73 31.09 -44.38
LAB*LAB 50.00 54.21 305.0

relative CIELAB lab*
lab*lab 0.1 0.573 -0.818
lab*ch 0.5 1.0 0.847
lab*nch 0.0 1.0 0.847
relative Natural Colour (NC)
lab*trj 0.1 0.449 -0.892
lab*nce 0.0 1.0 0.824

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.0 0.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 23.8 23.71 -33.37
LAB*LAB 23.8 23.71 -33.37
LAB*LAB 37.51 40.66 305.0

relative CIELAB lab*
lab*lab 0.075 0.43 -0.613
lab*ch 0.375 0.75 0.847
lab*nch 0.0 0.75 0.847
relative Natural Colour (NC)
lab*trj 0.075 0.37 -0.669
lab*nce 0.25 0.75 0.824

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.0 0.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 21.87 15.97 -22.19
LAB*LAB 21.87 15.97 -22.19
LAB*LAB 25.01 27.1 305.0

relative CIELAB lab*
lab*lab 0.0 0.287 -0.408
lab*ch 0.25 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.0 0.225 -0.446
lab*nce 0.5 0.5 0.824

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.75$

$n^* = 1.00$

relative Buntheit c^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

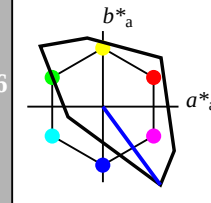
lab^*ch und lab^*nch

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)
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 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*trj 1.0 0.0 0.0
lab*nce 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 0.75
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0
LAB*LAB 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*trj 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 55.31 19.01 -25.89
LAB*LAB 55.31 19.01 -25.89
LAB*LAB 50.00 27.1 306.29

relative CIELAB lab*
lab*lab 0.5 0.287 -0.408
lab*ch 0.75 0.5 0.851
lab*nch 0.0 0.5 0.851
relative Natural Colour (NC)
lab*trj 0.5 0.225 -0.443
lab*nce 0.75 0.5 0.826

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 0.25
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 39.05 38.03 -51.78
LAB*LAB 39.05 38.03 -51.78
LAB*LAB 50.00 64.25 306.29

relative CIELAB lab*
lab*lab 0.25 0.287 -0.409
lab*ch 0.5 0.5 0.851
lab*nch 0.0 0.5 0.851
relative Natural Colour (NC)
lab*trj 0.25 0.225 -0.443
lab*nce 0.5 0.5 0.826

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.0 0.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 31.46 19.01 -25.89
LAB*LAB 31.46 19.01 -25.89
LAB*LAB 37.51 40.66 306.29

relative CIELAB lab*
lab*lab 0.33 0.48 -0.201
lab*ch 0.375 0.25 0.851
lab*nch 0.0 0.25 0.851
relative Natural Colour (NC)
lab*trj 0.33 0.115 -0.221
lab*nce 0.25 0.25 0.826

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.75$

$n^* = 1.00$

relative Buntheit c^*

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* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 1.0 1.0
cmyn4* 0.5 0.5 0.0 0.0
standard and adapted CIELAB
LAB*LAB 62.9 38.02 -51.78
LAB*LAB 62.9 38.02 -51.78
LAB*LAB 75.00 64.25 306.29

relative CIELAB lab*
lab*lab 0.659 0.296 -0.402
lab*ch 0.75 0.5 0.851
lab*nch 0.0 0.5 0.851
relative Natural Colour (NC)
lab*trj 0.659 0.23 -0.443
lab*nce 0.75 0.5 0.826

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 1.0 0.75
cmyn4* 0.5 0.5 0.0 0.25
standard and adapted CIELAB
LAB*LAB 39.05 38.03 -51.78
LAB*LAB 39.05 38.03 -51.78
LAB*LAB 50.00 64.25 306.29

relative CIELAB lab*
lab*lab 0.25 0.287 -0.409
lab*ch 0.5 0.5 0.851
lab*nch 0.0 0.5 0.851
relative Natural Colour (NC)
lab*trj 0.25 0.225 -0.443
lab*nce 0.5 0.5 0.826

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.0 0.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 31.46 19.01 -25.89
LAB*LAB 31.46 19.01 -25.89
LAB*LAB 37.51 40.66 306.29

relative CIELAB lab*
lab*lab 0.33 0.48 -0.201
lab*ch 0.375 0.25 0.851
lab*nch 0.0 0.25 0.851
relative Natural Colour (NC)
lab*trj 0.33 0.115 -0.221
lab*nce 0.25 0.25 0.826

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.0 0.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 15.21 38.02 -51.78
LAB*LAB 15.21 38.02 -51.78
LAB*LAB 25.01 64.25 306.29

relative CIELAB lab*
lab*lab 0.239 0.296 -0.402
lab*ch 0.25 0.5 0.851
lab*nch 0.0 0.5 0.851
relative Natural Colour (NC)
lab*trj 0.239 0.234 -0.443
lab*nce 0.25 0.5 0.826

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.75$

$n^* = 1.00$

relative Buntheit c^*

NG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

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

BAM-Prüfvorlage NG50; Farbmetrik-Systeme ORS18 & TLS00 input: $olv^* setrgbcolor$

D65: 2 Koordinatendaten; 28 stufige Farbreihen für 10 Bunttöne

output: $olv^* setrgbcolor / w^* setgray$

relative Buntheit c^*

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 354/360 = 0.982$

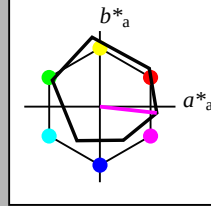
lab^*ich und lab^*nch

D65: Buntton M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
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 47.5
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*ice 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*LAB 76.06 0.0 0.0
LAB*LAB 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*ice 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 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*ice 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 0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 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 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.03 0.47
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

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

%Regularität

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

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

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 71.77 37.1 -1.01
LAB*LAB 71.77 37.1 -1.01
LAB*LAB 71.77 37.1 -1.01

relative CIELAB lab*
lab*lab 0.695 0.497 -0.054
lab*ich 0.75 0.5 0.982
lab*nch 0.0 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.695 0.454 -0.208
lab*ice 0.75 0.5 0.932
lab*nce 0.0 0.5 0.72

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.42 37.64 -1.17
LAB*LAB 52.42 37.64 -1.17
LAB*LAB 52.42 37.64 -1.17

relative CIELAB lab*
lab*lab 0.542 0.745 -0.082
lab*ich 0.625 0.75 0.982
lab*nch 0.0 0.75 0.982
relative Natural Colour (NC)
lab*trj 0.542 0.682 -0.312
lab*ice 0.625 0.75 0.932
lab*nce 0.0 0.75 0.72

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 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 44.89 18.8 -0.74
LAB*LAB 44.89 18.8 -0.74
LAB*LAB 44.89 18.8 -0.74

relative CIELAB lab*
lab*lab 0.347 0.248 -0.027
lab*ich 0.375 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.347 0.227 -0.103
lab*ice 0.375 0.25 0.932
lab*nce 0.0 0.25 0.72

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.25 (1.0)
cmyn3* 0.75 0.0 0.25 (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 33.07 37.84 -1.62
LAB*LAB 33.07 37.84 -1.62
LAB*LAB 33.07 37.84 -1.62

relative CIELAB lab*
lab*lab 0.195 0.454 -0.208
lab*ich 0.25 0.5 0.982
lab*nch 0.0 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.195 0.454 -0.208
lab*ice 0.25 0.5 0.932
lab*nce 0.0 0.5 0.72

$n^* = 0.50$

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 59.95 56.15 -3.9
LAB*LAB 59.95 56.15 -3.9
LAB*LAB 59.95 56.15 -3.9

relative CIELAB lab*
lab*lab 0.695 0.454 -0.208
lab*ich 0.75 0.5 0.932
lab*nch 0.0 0.5 0.72

relative Inform. Technology (IT)
olv3* 0.75 0.0 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.13 75.26 -8.35
LAB*LAB 48.13 75.26 -8.35
LAB*LAB 48.13 75.26 -8.35

relative CIELAB lab*
lab*lab 0.389 0.909 -0.416
lab*ich 0.389 0.909 -0.416
lab*nch 0.0 0.909 -0.416

relative Inform. Technology (IT)
olv3* 0.5 0.25 0.5 (1.0)
cmyn3* 0.5 0.25 0.5 (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 47.72 0.0 0.0
LAB*LAB 47.72 0.0 0.0
LAB*LAB 47.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 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*LAB 23.87 0.0 0.0
LAB*LAB 23.87 0.0 0.0

$n^* = 0.00$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

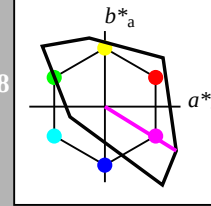
lab^*tch und lab^*nch

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)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*ice 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*LAB 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*ice 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 56.25 0.0 0.0
LAB*LAB 56.25 0.0 0.0
LAB*LAB 56.25 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*ice 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 0.13 0.83
LAB*LAB 37.36 0.13 0.83
LAB*LAB 37.36 0.13 0.83

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 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 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.03 0.47
LAB*LAB 18.02 0.03 0.47
LAB*LAB 18.02 0.03 0.47

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 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
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 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*LAB 76.35 47.17 -29.19
LAB*LAB 76.35 47.17 -29.19

relative CIELAB lab*
lab*lab 0.8 0.425 -0.262
lab*ich 0.75 0.5 0.912
lab*nch 0.0 0.5 0.912
relative Natural Colour (NC)
lab*trj 0.8 0.352 -0.354
lab*ice 0.75 0.5 0.874
lab*nce 0.0 0.5 0.69

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.51 47.18 -29.2
LAB*LAB 52.51 47.18 -29.2
LAB*LAB 52.51 47.18 -29.2

relative CIELAB lab*
lab*lab 0.638 -0.394
lab*ich 0.625 0.75 0.912
lab*nch 0.0 0.75 0.912
relative Natural Colour (NC)
lab*trj 0.638 -0.532
lab*ice 0.625 0.75 0.874
lab*nce 0.0 0.75 0.69

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 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 42.58 18.02 -0.74
LAB*LAB 42.58 18.02 -0.74
LAB*LAB 42.58 18.02 -0.74

relative CIELAB lab*
lab*lab 0.347 0.248 -0.027
lab*ich 0.375 0.25 0.912
lab*nch 0.0 0.25 0.912
relative Natural Colour (NC)
lab*trj 0.347 0.227 -0.103
lab*ice 0.375 0.25 0.874
lab*nce 0.0 0.25 0.69

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.25 (1.0)
cmyn3* 0.75 0.0 0.25 (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 33.07 37.84 -1.62
LAB*LAB 33.07 37.84 -1.62
LAB*LAB 33.07 37.84 -1.62

relative CIELAB lab*
lab*lab 0.195 0.454 -0.208
lab*ich 0.25 0.5 0.912
lab*nch 0.0 0.5 0.912
relative Natural Colour (NC)
lab*trj 0.195 0.454 -0.208
lab*ice 0.25 0.5 0.874
lab*nce 0.0 0.5 0.69

$n^* = 0.00$

BAM-Prüfvorlage NG50; Farbmetrik-Systeme ORS18 & TLS00 input: $olv^* setrgbcolor$

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

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$

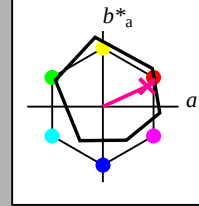
lab^*ich und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32

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 47.5
LAB*LAB 95.41 0.0 0.0
LAB*TCRa 99.99 0.01 -

relative CIELAB lab*

lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB

LAB*LAB 76.06 -0.61 3.44
LAB*LAB 76.06 0.0 0.0
LAB*TCRa 75.00 0.01 -

relative CIELAB lab*

lab*lab 0.75 0.5 0.0
lab*ich 0.75 0.5 0.0
lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*lab 0.75 0.5 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB

LAB*LAB 56.71 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*TCRa 50.00 0.01 -

relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*lab 0.5 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB

LAB*LAB 18.02 0.03 0.47
LAB*LAB 18.02 0.0 0.0
LAB*TCRa 0.01 0.01 -

relative CIELAB lab*

lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 1.0 0.75 0.831 (1.0)
cmyn3* 0.0 0.25 0.169 (0.0)
olv4* 1.0 0.75 0.831 (1.0)
cmyn4* 0.0 0.25 0.169 (0.0)

standard and adapted CIELAB

LAB*LAB 83.55 16.38 11.84
LAB*LAB 83.55 17.14 7.88
LAB*TCRa 97.5 18.86 24.69

relative CIELAB lab*

lab*lab 0.847 0.227 0.104
lab*ich 0.875 0.25 0.069
lab*nch 0.0 0.25 0.069

relative Natural Colour (NC)

lab*lab 0.847 0.25 0.0
lab*ich 0.875 0.25 0.0
lab*nch 0.0 0.25 0.0

standard and adapted CIELAB

LAB*LAB 64.21 16.75 10.54
LAB*LAB 64.21 17.14 7.88
LAB*TCRa 62.5 18.87 24.7

relative CIELAB lab*

lab*lab 0.597 0.25 0.104
lab*ich 0.625 0.25 0.069
lab*nch 0.0 0.25 0.069

relative Natural Colour (NC)

lab*lab 0.597 0.25 0.0
lab*ich 0.625 0.25 0.0
lab*nch 0.0 0.25 0.0

standard and adapted CIELAB

LAB*LAB 56.71 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*TCRa 50.00 0.01 -

relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*lab 0.5 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 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

%Regularität

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

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

relative Inform. Technology (IT)

olv3* 1.0 0.5 0.661 (1.0)
cmyn3* 0.0 0.5 0.339 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.339 (0.0)

standard and adapted CIELAB

LAB*LAB 71.7 33.75 18.92
LAB*LAB 71.7 34.28 15.76
LAB*TCRa 75.0 37.73 24.7

relative CIELAB lab*

lab*lab 0.694 0.454 0.209
lab*ich 0.75 0.5 0.069
lab*nch 0.0 0.5 0.069

relative Natural Colour (NC)

lab*lab 0.694 0.5 0.0
lab*ich 0.75 0.5 0.0
lab*nch 0.0 0.5 0.0

standard and adapted CIELAB

LAB*LAB 59.85 51.42 26.61
LAB*LAB 59.85 51.42 26.61
LAB*TCRa 62.5 56.6 24.7

relative CIELAB lab*

lab*lab 0.541 0.681 0.313
lab*ich 0.625 0.75 0.069
lab*nch 0.0 0.75 0.069

relative Natural Colour (NC)

lab*lab 0.541 0.75 0.0
lab*ich 0.625 0.75 0.0
lab*nch 0.0 0.75 0.0

standard and adapted CIELAB

LAB*LAB 48.0 68.48 33.09
LAB*LAB 48.0 68.56 31.53
LAB*TCRa 50.0 75.47 24.7

relative Inform. Technology (IT)

olv3* 1.0 0.5 0.661 (1.0)
cmyn3* 0.0 0.5 0.339 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.339 (0.0)

standard and adapted CIELAB

LAB*LAB 71.7 33.75 18.92
LAB*LAB 71.7 34.28 15.76
LAB*TCRa 75.0 37.73 24.7

relative CIELAB lab*

lab*lab 0.694 0.454 0.209
lab*ich 0.75 0.5 0.069
lab*nch 0.0 0.5 0.069

relative Natural Colour (NC)

lab*lab 0.694 0.5 0.0
lab*ich 0.75 0.5 0.0
lab*nch 0.0 0.5 0.0

standard and adapted CIELAB

LAB*LAB 59.85 51.42 26.61
LAB*LAB 59.85 51.42 26.61
LAB*TCRa 62.5 56.6 24.7

relative CIELAB lab*

lab*lab 0.541 0.681 0.313
lab*ich 0.625 0.75 0.069
lab*nch 0.0 0.75 0.069

1.00

0.75

0.50

0.25

0.00

relative Bunttheit c^*

relative Bunttheit c^*

relative Bunttheit c^*

relative Bunttheit c^*

relative Bunttheit c^*

relative Bunttheit c^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

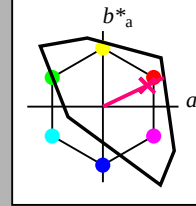
lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 52 89 25

olv*Ma: 1.0 0.0 0.21

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*LAB 95.41 0.0 0.0
LAB*TCRa 99.99 0.01 -

relative CIELAB lab*

lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB

LAB*LAB 76.06 -0.61 3.44
LAB*LAB 76.06 0.0 0.0
LAB*TCRa 75.00 0.01 -

relative CIELAB lab*

lab*lab 0.75 0.5 0.0
lab*ich 0.75 0.5 0.0
lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*lab 0.75 0.5 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB

LAB*LAB 56.71 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*TCRa 50.00 0.01 -

relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*lab 0.5 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB

LAB*LAB 18.02 0.03 0.47
LAB*LAB 18.02 0.0 0.0
LAB*TCRa 0.01 0.01 -

relative CIELAB lab*

lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.169 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.169 (0.0)

standard and adapted CIELAB

LAB*LAB 83.55 16.38 11.84
LAB*LAB 83.55 17.14 7.88
LAB*TCRa 97.5 18.86 24.69

relative CIELAB lab*

lab*lab 0.847 0.227 0.104
lab*ich 0.875 0.25 0.069
lab*nch 0.0 0.25 0.069

relative Natural Colour (NC)

lab*lab 0.847 0.25 0.0
lab*ich 0.875 0.25 0.0
lab*nch 0.0 0.25 0.0

standard and adapted CIELAB

LAB*LAB 64.21 16.75 10.54
LAB*LAB 64.21 17.14 7.88
LAB*TCRa 62.5 18.87 24.7

relative CIELAB lab*

lab*lab 0.597 0.25 0.104
lab*ich 0.625 0.25 0.069
lab*nch 0.0 0.25 0.069

relative Natural Colour (NC)

lab*lab 0.597 0.25 0.0
lab*ich 0.625 0.25 0.0
lab*nch 0.0 0.25 0.0

standard and adapted CIELAB

LAB*LAB 56.71 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*TCRa 50.00 0.01 -

relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*lab 0.5 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 1.0 0.75 0.803 (1.0)
cmyn3* 0.0 0.25 0.197 (0.0)
olv4* 1.0 0.75 0.803 (1.0)
cmyn4* 0.0 0.25 0.197 (0.0)

standard and adapted CIELAB

LAB*LAB 84.54 20.15 9.6
LAB*LAB 84.54 20.15 9.6
LAB*TCRa 87.5 24.32 25.47

relative CIELAB lab*

lab*lab 0.886 0.226 0.107
lab*ich 0.875 0.25 0.071
lab*nch 0.0 0.25 0.071

relative Natural Colour (NC)

lab*lab 0.886 0.25 0.0
lab*ich 0.875 0.25 0.0
lab*nch 0.0 0.25 0.0

standard and adapted CIELAB

LAB*LAB 73.67 40.3 19.2
LAB*LAB 73.67 40.3 19.2
LAB*TCRa 75.0 44.64 25.47

relative CIELAB lab*

lab*lab 0.772 0.451 0.215
lab*ich 0.775 0.5 0.071
lab*nch 0.0 0.5 0.071

relative Natural Colour (NC)

lab*lab 0.772 0.5 0.0
lab*ich 0.775 0.5 0.0
lab*nch 0.0 0.5 0.0

standard and adapted CIELAB

LAB*LAB 62.81 60.46 28.81
LAB*LAB 62.81 60.46 28.81
LAB*TCRa 62.5 66.97 25.48

relative CIELAB lab*

lab*lab 0.658 0.677 0.323
lab*ich 0.625 0.75 0.071
lab*nch 0.0 0.75 0.071

relative Natural Colour (NC)

lab*lab 0.658 0.75 0.0
lab*ich 0.625 0.75 0.0
lab*nch 0.0 0.75 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

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

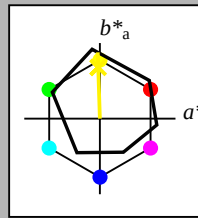
$g^*_{C,rel} = 37$

<

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*ich und lab^*nch

D65: Buntton J
LCH*Ma: 86 88 92
olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



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)
olv8*	0.0	0.0	0.0	(0.0)
olv9*	0.0	0.0	0.0	(0.0)
olv10*	0.0	0.0	0.0	(0.0)
olv11*	0.0	0.0	0.0	(0.0)
olv12*	0.0	0.0	0.0	(0.0)
olv13*	0.0	0.0	0.0	(0.0)
olv14*	0.0	0.0	0.0	(0.0)
olv15*	0.0	0.0	0.0	(0.0)
olv16*	0.0	0.0	0.0	(0.0)
olv17*	0.0	0.0	0.0	(0.0)
olv18*	0.0	0.0	0.0	(0.0)
olv19*	0.0	0.0	0.0	(0.0)
olv20*	0.0	0.0	0.0	(0.0)
olv21*	0.0	0.0	0.0	(0.0)
olv22*	0.0	0.0	0.0	(0.0)
olv23*	0.0	0.0	0.0	(0.0)
olv24*	0.0	0.0	0.0	(0.0)
olv25*	0.0	0.0	0.0	(0.0)
olv26*	0.0	0.0	0.0	(0.0)
olv27*	0.0	0.0	0.0	(0.0)
olv28*	0.0	0.0	0.0	(0.0)
olv29*	0.0	0.0	0.0	(0.0)
olv30*	0.0	0.0	0.0	(0.0)
olv31*	0.0	0.0	0.0	(0.0)
olv32*	0.0	0.0	0.0	(0.0)
olv33*	0.0	0.0	0.0	(0.0)
olv34*	0.0	0.0	0.0	(0.0)
olv35*	0.0	0.0	0.0	(0.0)
olv36*	0.0	0.0	0.0	(0.0)
olv37*	0.0	0.0	0.0	(0.0)
olv38*	0.0	0.0	0.0	(0.0)
olv39*	0.0	0.0	0.0	(0.0)
olv40*	0.0	0.0	0.0	(0.0)
olv41*	0.0	0.0	0.0	(0.0)
olv42*	0.0	0.0	0.0	(0.0)
olv43*	0.0	0.0	0.0	(0.0)
olv44*	0.0	0.0	0.0	(0.0)
olv45*	0.0	0.0	0.0	(0.0)
olv46*	0.0	0.0	0.0	(0.0)
olv47*	0.0	0.0	0.0	(0.0)
olv48*	0.0	0.0	0.0	(0.0)
olv49*	0.0	0.0	0.0	(0.0)
olv50*	0.0	0.0	0.0	(0.0)
olv51*	0.0	0.0	0.0	(0.0)
olv52*	0.0	0.0	0.0	(0.0)
olv53*	0.0	0.0	0.0	(0.0)
olv54*	0.0	0.0	0.0	(0.0)
olv55*	0.0	0.0	0.0	(0.0)
olv56*	0.0	0.0	0.0	(0.0)
olv57*	0.0	0.0	0.0	(0.0)
olv58*	0.0	0.0	0.0	(0.0)
olv59*	0.0	0.0	0.0	(0.0)
olv60*	0.0	0.0	0.0	(0.0)
olv61*	0.0	0.0	0.0	(0.0)
olv62*	0.0	0.0	0.0	(0.0)
olv63*	0.0	0.0	0.0	(0.0)
olv64*	0.0	0.0	0.0	(0.0)
olv65*	0.0	0.0	0.0	(0.0)
olv66*	0.0	0.0	0.0	(0.0)
olv67*	0.0	0.0	0.0	(0.0)
olv68*	0.0	0.0	0.0	(0.0)
olv69*	0.0	0.0	0.0	(0.0)
olv70*	0.0	0.0	0.0	(0.0)
olv71*	0.0	0.0	0.0	(0.0)
olv72*	0.0	0.0	0.0	(0.0)
olv73*	0.0	0.0	0.0	(0.0)
olv74*	0.0	0.0	0.0	(0.0)
olv75*	0.0	0.0	0.0	(0.0)
olv76*	0.0	0.0	0.0	(0.0)
olv77*	0.0	0.0	0.0	(0.0)
olv78*	0.0	0.0	0.0	(0.0)
olv79*	0.0	0.0	0.0	(0.0)
olv80*	0.0	0.0	0.0	(0.0)
olv81*	0.0	0.0	0.0	(0.0)
olv82*	0.0	0.0	0.0	(0.0)
olv83*	0.0	0.0	0.0	(0.0)
olv84*	0.0	0.0	0.0	(0.0)
olv85*	0.0	0.0	0.0	(0.0)
olv86*	0.0	0.0	0.0	(0.0)
olv87*	0.0	0.0	0.0	(0.0)
olv88*	0.0	0.0	0.0	(0.0)
olv89*	0.0	0.0	0.0	(0.0)
olv90*	0.0	0.0	0.0	(0.0)
olv91*	0.0	0.0	0.0	(0.0)
olv92*	0.0	0.0	0.0	(0.0)
olv93*	0.0	0.0	0.0	(0.0)
olv94*	0.0	0.0	0.0	(0.0)
olv95*	0.0	0.0	0.0	(0.0)
olv96*	0.0	0.0	0.0	(0.0)
olv97*	0.0	0.0	0.0	(0.0)
olv98*	0.0	0.0	0.0	(0.0)
olv99*	0.0	0.0	0.0	(0.0)
olv100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	1.0	0.975	0.75	(1.0)
olv4*	0.0	0.025	0.25	(0.0)
olv5*	0.0	0.975	0.75	(1.0)
olv6*	0.0	0.025	0.25	(0.0)
olv7*	0.0	0.975	0.75	(1.0)
olv8*	0.0	0.025	0.25	(0.0)
olv9*	0.0	0.975	0.75	(1.0)
olv10*	0.0	0.025	0.25	(0.0)
olv11*	0.0	0.975	0.75	(1.0)
olv12*	0.0	0.025	0.25	(0.0)
olv13*	0.0	0.975	0.75	(1.0)
olv14*	0.0	0.025	0.25	(0.0)
olv15*	0.0	0.975	0.75	(1.0)
olv16*	0.0	0.025	0.25	(0.0)
olv17*	0.0	0.975	0.75	(1.0)
olv18*	0.0	0.025	0.25	(0.0)
olv19*	0.0	0.975	0.75	(1.0)
olv20*	0.0	0.025	0.25	(0.0)
olv21*	0.0	0.975	0.75	(1.0)
olv22*	0.0	0.025	0.25	(0.0)
olv23*	0.0	0.975	0.75	(1.0)
olv24*	0.0	0.025	0.25	(0.0)
olv25*	0.0	0.975	0.75	(1.0)
olv26*	0.0	0.025	0.25	(0.0)
olv27*	0.0	0.975	0.75	(1.0)
olv28*	0.0	0.025	0.25	(0.0)
olv29*	0.0	0.975	0.75	(1.0)
olv30*	0.0	0.025	0.25	(0.0)
olv31*	0.0	0.975	0.75	(1.0)
olv32*	0.0	0.025	0.25	(0.0)
olv33*	0.0	0.975	0.75	(1.0)
olv34*	0.0	0.025	0.25	(0.0)
olv35*	0.0	0.975	0.75	(1.0)
olv36*	0.0	0.025	0.25	(0.0)
olv37*	0.0	0.975	0.75	(1.0)
olv38*	0.0	0.025	0.25	(0.0)
olv39*	0.0	0.975	0.75	(1.0)
olv40*	0.0	0.025	0.25	(0.0)
olv41*	0.0	0.975	0.75	(1.0)
olv42*	0.0	0.025	0.25	(0.0)
olv43*	0.0	0.975	0.75	(1.0)
olv44*	0.0	0.025	0.25	(0.0)
olv45*	0.0	0.975	0.75	(1.0)
olv46*	0.0	0.025	0.25	(0.0)
olv47*	0.0	0.975	0.75	(1.0)
olv48*	0.0	0.025	0.25	(0.0)
olv49*	0.0	0.975	0.75	(1.0)
olv50*	0.0	0.025	0.25	(0.0)
olv51*	0.0	0.975	0.75	(1.0)
olv52*	0.0	0.025	0.25	(0.0)
olv53*	0.0	0.975	0.75	(1.0)
olv54*	0.0	0.025	0.25	(0.0)
olv55*	0.0	0.975	0.75	(1.0)
olv56*	0.0	0.025	0.25	(0.0)
olv57*	0.0	0.975	0.75	(1.0)
olv58*	0.0	0.025	0.25	(0.0)
olv59*	0.0	0.975	0.75	(1.0)
olv60*	0.0	0.025	0.25	(0.0)
olv61*	0.0	0.975	0.75	(1.0)
olv62*	0.0	0.025	0.25	(0.0)
olv63*	0.0	0.975	0.75	(1.0)
olv64*	0.0	0.025	0.25	(0.0)
olv65*	0.0	0.975	0.75	(1.0)
olv66*	0.0	0.025	0.25	(0.0)
olv67*	0.0	0.975	0.75	(1.0)
olv68*	0.0	0.025	0.25	(0.0)
olv69*	0.0	0.975	0.75	(1.0)
olv70*	0.0	0.025	0.25	(0.0)
olv71*	0.0	0.975	0.75	(1.0)
olv72*	0.0	0.025	0.25	(0.0)
olv73*	0.0	0.975	0.75	(1.0)
olv74*	0.0	0.025	0.25	(0.0)
olv75*	0.0	0.975	0.75	(1.0)
olv76*	0.0	0.025	0.25	(0.0)
olv77*	0.0	0.975	0.75	(1.0)
olv78*	0.0	0.025	0.25	(0.0)
olv79*	0.0	0.975	0.75	(1.0)
olv80*	0.0	0.025	0.25	(0.0)
olv81*	0.0	0.975	0.75	(1.0)
olv82*	0.0	0.025	0.25	(0.0)
olv83*	0.0	0.975	0.75	(1.0)
olv84*	0.0	0.025	0.25	(0.0)
olv85*	0.0	0.975	0.75	(1.0)
olv86*	0.0	0.025	0.25	(0.0)
olv87*	0.0	0.975	0.75	(1.0)
olv88*	0.0	0.025	0.25	(0.0)
olv89*	0.0	0.975	0.75	(1.0)
olv90*	0.0	0.025	0.25	(0.0)
olv91*	0.0	0.975	0.75	(1.0)
olv92*	0.0	0.025	0.25	(0.0)
olv93*	0.0	0.975	0.75	(1.0)
olv94*	0.0	0.025	0.25	(0.0)
olv95*	0.0	0.975	0.75	(1.0)
olv96*	0.0	0.025	0.25	(0.0)
olv97*	0.0	0.975	0.75	(1.0)
olv98*	0.0	0.025	0.25	(0.0)
olv99*	0.0	0.975	0.75	(1.0)
olv100*	0.0	0.025	0.25	(0.0)

relative Inform. Technology (IT)				
olv3*	1.0	0.951	0.5	(1.0)
cmy3*	0.0	0.049	0.5	(0.0)
olv4*	1.0	0.951	0.5	(1.0)
cmy4*	0.0	0.049	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	90.8	-2.3	48.2	
LAB*LAB	90.8	-1.4	43.8	

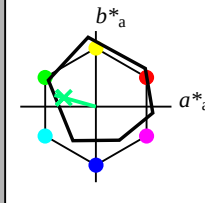
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

lab^*ich 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* 0.0 0.0 0.0 (1.0)

olv4* 0.0 0.0 0.0 (1.0)

olv5* 0.0 0.0 0.0 (1.0)

olv6* 0.0 0.0 0.0 (1.0)

olv7* 0.0 0.0 0.0 (1.0)

olv8* 0.0 0.0 0.0 (1.0)

olv9* 0.0 0.0 0.0 (1.0)

olv10* 0.0 0.0 0.0 (1.0)

olv11* 0.0 0.0 0.0 (1.0)

olv12* 0.0 0.0 0.0 (1.0)

olv13* 0.0 0.0 0.0 (1.0)

olv14* 0.0 0.0 0.0 (1.0)

olv15* 0.0 0.0 0.0 (1.0)

olv16* 0.0 0.0 0.0 (1.0)

olv17* 0.0 0.0 0.0 (1.0)

olv18* 0.0 0.0 0.0 (1.0)

olv19* 0.0 0.0 0.0 (1.0)

olv20* 0.0 0.0 0.0 (1.0)

olv21* 0.0 0.0 0.0 (1.0)

olv22* 0.0 0.0 0.0 (1.0)

olv23* 0.0 0.0 0.0 (1.0)

olv24* 0.0 0.0 0.0 (1.0)

olv25* 0.0 0.0 0.0 (1.0)

olv26* 0.0 0.0 0.0 (1.0)

olv27* 0.0 0.0 0.0 (1.0)

olv28* 0.0 0.0 0.0 (1.0)

olv29* 0.0 0.0 0.0 (1.0)

olv30* 0.0 0.0 0.0 (1.0)

olv31* 0.0 0.0 0.0 (1.0)

olv32* 0.0 0.0 0.0 (1.0)

olv33* 0.0 0.0 0.0 (1.0)

olv34* 0.0 0.0 0.0 (1.0)

olv35* 0.0 0.0 0.0 (1.0)

olv36* 0.0 0.0 0.0 (1.0)

olv37* 0.0 0.0 0.0 (1.0)

olv38* 0.0 0.0 0.0 (1.0)

olv39* 0.0 0.0 0.0 (1.0)

olv40* 0.0 0.0 0.0 (1.0)

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

%Regularität

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

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

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 0.0 0.0 0.0 (1.0)

olv5* 0.0 0.0 0.0 (1.0)

olv6* 0.0 0.0 0.0 (1.0)

olv7* 0.0 0.0 0.0 (1.0)

olv8* 0.0 0.0 0.0 (1.0)

olv9* 0.0 0.0 0.0 (1.0)

olv10* 0.0 0.0 0.0 (1.0)

olv11* 0.0 0.0 0.0 (1.0)

olv12* 0.0 0.0 0.0 (1.0)

olv13* 0.0 0.0 0.0 (1.0)

olv14* 0.0 0.0 0.0 (1.0)

olv15* 0.0 0.0 0.0 (1.0)

olv16* 0.0 0.0 0.0 (1.0)

olv17* 0.0 0.0 0.0 (1.0)

olv18* 0.0 0.0 0.0 (1.0)

olv19* 0.0 0.0 0.0 (1.0)

olv20* 0.0 0.0 0.0 (1.0)

olv21* 0.0 0.0 0.0 (1.0)

olv22* 0.0 0.0 0.0 (1.0)

olv23* 0.0 0.0 0.0 (1.0)

olv24* 0.0 0.0 0.0 (1.0)

olv25* 0.0 0.0 0.0 (1.0)

olv26* 0.0 0.0 0.0 (1.0)

olv27* 0.0 0.0 0.0 (1.0)

olv28* 0.0 0.0 0.0 (1.0)

olv29* 0.0 0.0 0.0 (1.0)

olv30* 0.0 0.0 0.0 (1.0)

olv31* 0.0 0.0 0.0 (1.0)

olv32* 0.0 0.0 0.0 (1.0)

olv33* 0.0 0.0 0.0 (1.0)

olv34* 0.0 0.0 0.0 (1.0)

olv35* 0.0 0.0 0.0 (1.0)

olv36* 0.0 0.0 0.0 (1.0)

olv37* 0.0 0.0 0.0 (1.0)

olv38* 0.0 0.0 0.0 (1.0)

olv39* 0.0 0.0 0.0 (1.0)

olv40* 0.0 0.0 0.0 (1.0)

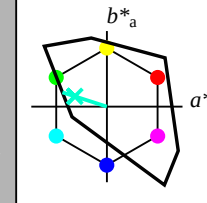
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

lab^*ich 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* 0.0 0.0 0.0 (1.0)

olv4* 0.0 0.0 0.0 (1.0)

olv5* 0.0 0.0 0.0 (1.0)

olv6* 0.0 0.0 0.0 (1.0)

olv7* 0.0 0.0 0.0 (1.0)

olv8* 0.0 0.0 0.0 (1.0)

olv9* 0.0 0.0 0.0 (1.0)

olv10* 0.0 0.0 0.0 (1.0)

olv11* 0.0 0.0 0.0 (1.0)

olv12* 0.0 0.0 0.0 (1.0)

olv13* 0.0 0.0 0.0 (1.0)

olv14* 0.0 0.0 0.0 (1.0)

olv15* 0.0 0.0 0.0 (1.0)

olv16* 0.0 0.0 0.0 (1.0)

olv17* 0.0 0.0 0.0 (1.0)

olv18* 0.0 0.0 0.0 (1.0)

olv19* 0.0 0.0 0.0 (1.0)

olv20* 0.0 0.0 0.0 (1.0)

olv21* 0.0 0.0 0.0 (1.0)

olv22* 0.0 0.0 0.0 (1.0)

olv23* 0.0 0.0 0.0 (1.0)

olv24* 0.0 0.0 0.0 (1.0)

olv25* 0.0 0.0 0.0 (1.0)

olv26* 0.0 0.0 0.0 (1.0)

olv27* 0.0 0.0 0.0 (1.0)

olv28* 0.0 0.0 0.0 (1.0)

olv29* 0.0 0.0 0.0 (1.0)

olv30* 0.0 0.0 0.0 (1.0)

olv31* 0.0 0.0 0.0 (1.0)

olv32* 0.0 0.0 0.0 (1.0)

olv33* 0.0 0.0 0.0 (1.0)

olv34* 0.0 0.0 0.0 (1.0)

olv35* 0.0 0.0 0.0 (1.0)

olv36* 0.0 0.0 0.0 (1.0)

olv37* 0.0 0.0 0.0 (1.0)

olv38* 0.0 0.0 0.0 (1.0)

olv39* 0.0 0.0 0.0 (1.0)

olv40* 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* 0.0 0.0 0.0 (1.0)

olv4* 0.0 0.0 0.0 (1.0)

olv5* 0.0 0.0 0.0 (1.0)

olv6* 0.0 0.0 0.0 (1.0)

olv7* 0.0 0.0 0.0 (1.0)

olv8* 0.0 0.0 0.0 (1.0)

olv9* 0.0 0.0 0.0 (1.0)

olv10* 0.0 0.0 0.0 (1.0)

olv11* 0.0 0.0 0.0 (1.0)

olv12* 0.0 0.0 0.0 (1.0)

olv13* 0.0 0.0 0.0 (1.0)

olv14* 0.0 0.0 0.0 (1.0)

olv15* 0.0 0.0 0.0 (1.0)

olv16* 0.0 0.0 0.0 (1.0)

olv17* 0.0 0.0 0.0 (1.0)

olv18* 0.0 0.0 0.0 (1.0)

olv19* 0.0 0.0 0.0 (1.0)

olv20* 0.0 0.0 0.0 (1.0)

olv21* 0.0 0.0 0.0 (1.0)

olv22* 0.0 0.0 0.0 (1.0)

olv23* 0.0 0.0 0.0 (1.0)

olv24* 0.0 0.0 0.0 (1.0)

olv25* 0.0 0.0 0.0 (1.0)

olv26* 0.0 0.0 0.0 (1.0)

olv27* 0.0 0.0 0.0 (1.0)

olv28* 0.0 0.0 0.0 (1.0)

olv29* 0.0 0.0 0.0 (1.0)

olv30* 0.0 0.0 0.0 (1.0)

olv31* 0.0 0.0 0.0 (1.0)

olv32* 0.0 0.0 0.0 (1.0)

olv33* 0.0 0.0 0.0 (1.0)

olv34* 0.0 0.0 0.0 (1.0)

olv35* 0.0 0.0 0.0 (1.0)

olv36* 0.0 0.0 0.0 (1.0)

olv37* 0.0 0.0 0.0 (1.0)

olv38* 0.0 0.0 0.0 (1.0)

olv39* 0.0 0.0 0.0 (1.0)

olv40* 0.0 0.0 0.0 (1.0)

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 0.0 0.0 0.0 (1.0)

olv5* 0.0 0.0 0.0 (1.0)

olv6* 0.0 0.0 0.0 (1.0)

olv7* 0.0 0.0 0.0 (1.0)

olv8* 0.0 0.0 0.0 (1.0)

olv9* 0.0 0.0 0.0 (1.0)

olv10* 0.0 0.0 0.0 (1.0)

olv11* 0.0 0.0 0.0 (1.0)

olv12* 0.0 0.0 0.0 (1.0)

olv13* 0.0 0.0 0.0 (1.0)

olv14* 0.0 0.0 0.0 (1.0)

olv15* 0.0 0.0 0.0 (1.0)

olv16* 0.0 0.0 0.0 (1.0)

olv17* 0.0 0.0 0.0 (1.0)

olv18* 0.0 0.0 0.0 (1.0)

olv19* 0.0 0.0 0.0 (1.0)

olv20* 0.0 0.0 0.0 (1.0)

