

lab*tch und lab*nch

Dreiecks-Helligkeit t^*



relative
= 0.286 (rechts)

```
cmymcolor
000n* setcmyk
```

0

54; Farbmetrie
ten von 5stufi
M

Prüfvorlage OC
Koordinatend

BAM-Prüfvorlage OG54; Farbmeter

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne

C M Y O I L V

*lab*tch* und *lab*nch*

Dreiecks-Helligkeit t^*



Y
S/.PDF
oder M
/OG54/

MLAB Buntton 103/3

```
setcmykcolor
/ 000n* setcmy
```

500 & 1LS00
für 10 Bunttö
O

S00 & T1S00 input: *cmy0* setcmykcolor*

A diagram of a 4-bit shift register. It consists of four horizontal bars representing the data bus. The first bar is red and labeled 'O'. The second bar is black and labeled 'I'. The third bar is green and labeled 'L'. The fourth bar is blue and labeled 'V'. Arrows indicate the flow of data from left to right between the bars.

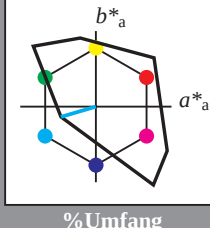
Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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^*



$u^*_{rel} = 158$

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)
LAB*LAB 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01 -

standard and adapted CIELAB
LAB*LAB 93.27 -11.53 -3.38
LAB*Lab 93.27 -11.53 -3.38
LAB*TCh 97.5 12.03 196.37

relative CIELAB lab*
lab*lab 0.978 -0.239 -0.069
lab*tch 0.875 0.25 0.545
lab*nch 0.0 0.25 0.545
cmyn3* 0.25 0.0 0.0
cmyn4* 0.0 0.0 0.25

standard and adapted CIELAB
LAB*LAB 93.27 -11.53 -3.38
LAB*Lab 93.27 -11.53 -3.38
LAB*TCh 97.5 12.03 196.37

relative CIELAB lab*
lab*lab 0.978 -0.239 -0.069
lab*tch 0.875 0.25 0.545
lab*nch 0.0 0.25 0.545
cmyn3* 0.25 0.0 0.0
cmyn4* 0.0 0.0 0.25

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lab*nch 0.0 0.25 0.545
cmyn3* 0.25 0.0 0.0
cmyn4* 0.0 0.0 0.25

standard and adapted CIELAB
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LAB*TCh 97.5 12.03 196.37

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lab*tch 0.875 0.25 0.545
lab*nch 0.0 0.25 0.545
cmyn3* 0.25 0.0 0.0
cmyn4* 0.0 0.0 0.25

standard and adapted CIELAB
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lab*lab 0.978 -0.239 -0.069
lab*tch 0.875 0.25 0.545
lab*nch 0.0 0.25 0.545
cmyn3* 0.25 0.0 0.0
cmyn4* 0.0 0.0 0.25

standard and adapted CIELAB
LAB*LAB 93.27 -11.53 -3.38
LAB*Lab 93.27 -11.53 -3.38
LAB*TCh 97.5 12.03 196.37

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 71.57 0.0 0.0
LAB*Lab 71.57 0.0 0.0
LAB*TCh 75.0 0.01 -

standard and adapted CIELAB
LAB*LAB 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38
LAB*TCh 62.5 12.03 196.37

relative CIELAB lab*
lab*lab 0.955 -0.479 -0.14
lab*tch 0.75 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38
LAB*TCh 62.5 12.03 196.37

relative CIELAB lab*
lab*lab 0.955 -0.479 -0.14
lab*tch 0.75 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38
LAB*TCh 62.5 12.03 196.37

relative CIELAB lab*
lab*lab 0.955 -0.479 -0.14
lab*tch 0.75 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38
LAB*TCh 62.5 12.03 196.37

relative CIELAB lab*
lab*lab 0.955 -0.479 -0.14
lab*tch 0.75 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38
LAB*TCh 62.5 12.03 196.37

relative CIELAB lab*
lab*lab 0.955 -0.479 -0.14
lab*tch 0.75 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38
LAB*TCh 62.5 12.03 196.37

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 47.72 0.0 0.0
LAB*Lab 47.72 0.0 0.0
LAB*TCh 50.0 0.01 -

standard and adapted CIELAB
LAB*LAB 45.58 -11.53 -3.38
LAB*Lab 45.58 -11.53 -3.38
LAB*TCh 48.11 196.37

relative CIELAB lab*
lab*lab 0.933 -0.719 -0.21
lab*tch 0.625 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 45.58 -11.53 -3.38
LAB*Lab 45.58 -11.53 -3.38
LAB*TCh 48.11 196.37

relative CIELAB lab*
lab*lab 0.933 -0.719 -0.21
lab*tch 0.625 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 45.58 -11.53 -3.38
LAB*Lab 45.58 -11.53 -3.38
LAB*TCh 48.11 196.37

relative CIELAB lab*
lab*lab 0.933 -0.719 -0.21
lab*tch 0.625 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 45.58 -11.53 -3.38
LAB*Lab 45.58 -11.53 -3.38
LAB*TCh 48.11 196.37

relative CIELAB lab*
lab*lab 0.933 -0.719 -0.21
lab*tch 0.625 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 45.58 -11.53 -3.38
LAB*Lab 45.58 -11.53 -3.38
LAB*TCh 48.11 196.37

relative CIELAB lab*
lab*lab 0.933 -0.719 -0.21
lab*tch 0.625 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 45.58 -11.53 -3.38
LAB*Lab 45.58 -11.53 -3.38
LAB*TCh 48.11 196.37

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 23.87 0.0 0.0
LAB*Lab 23.87 0.0 0.0
LAB*TCh 25.0 0.01 -

standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*TCh 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.478 -0.719 -0.21
lab*tch 0.375 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*TCh 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.478 -0.719 -0.21
lab*tch 0.375 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*TCh 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.478 -0.719 -0.21
lab*tch 0.375 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*TCh 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.478 -0.719 -0.21
lab*tch 0.375 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*TCh 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.478 -0.719 -0.21
lab*tch 0.375 0.5 0.545
lab*nch 0.0 0.5 0.545
cmyn3* 0.5 0.0 0.0
cmyn4* 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*TCh 25.0 0.01 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 0.03 0.0 0.0
LAB*Lab 0.03 0.0 0.0
LAB*TCh 0.0 0.01 -

standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*Lab 0.03 0.0 0.0
LAB*TCh 0.0 0.01 -

relative CIELAB lab*
lab*lab 0.228 -0.239 -0.069
lab*tch 0.125 0.25 0.545
lab*nch 0.0 0.25 0.545
cmyn3* 0.25 0.0 0.0
cmyn4* 0.0 0.0 0.25

standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*Lab 0.03 0.0 0.0
LAB*TCh 0.0 0.01 -

relative CIELAB lab*
lab*lab 0.228 -0.239 -0.069
lab*tch 0.125 0.25 0.545
lab*nch 0.0 0.25 0.545
cmyn3* 0.25 0.0 0.0
cmyn4* 0.0 0.0 0.25

standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*Lab 0.03 0.0 0.0
LAB*TCh 0.0 0.01 -

relative CIELAB lab*
lab*lab 0.228 -0.239 -0.069
lab*tch 0.125 0.25 0.545
lab*nch 0.0 0.25 0.545
cmyn3* 0.25 0.0 0.0
cmyn4* 0.0 0.0 0.25

standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*Lab 0.03 0.0 0.0
LAB*TCh 0.0 0.01 -

relative CIELAB lab*
lab*lab 0.228 -0.239 -0.069
lab*tch 0.125 0.25 0.545
lab*nch 0.0 0.25 0.545
cmyn3* 0.25 0.0 0.0
cmyn4* 0.0 0.0 0.25

standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*Lab 0.03 0.0 0.0
LAB*TCh 0.0 0.01 -

relative CIELAB lab*
lab*lab 0.228 -0.239 -0.069
lab*tch 0.125 0.25 0.545
lab*nch 0.0 0.25 0.545
cmyn3* 0.25 0.0 0.0
cmyn4* 0.0 0.0 0.25

standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*Lab 0.03 0.0 0.0
LAB*TCh 0.0 0.01 -

OG540-7, 5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (links)

5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (rechts)

BAM-Prüfvorlage OG54; Farbmetrik-Systeme TLS00 & TLS00 input: $cm y 0^* set c m y k c o l o r$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne output: $cm y 0^* / 000 n^* set c m y k c o l o r$

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

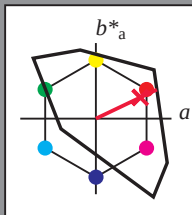
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 52 89 25

olv*Ma: 1.0 0.0 0.21

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

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

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

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

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	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
LAB*LAB	95.41	0.0	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	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
LAB*LAB	95.41	0.0	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	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
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
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv5*	1.0	0.5	0.5	(1.0)
olv6*	0.0	0.5	0.5	(0.0)
olv7*	0.0	0.5	0.5	(0.0)
LAB*LAB	73.67	40.3	19.2	
LAB*LAB	73.67	40.3	19.2	
LAB*LAB	73.67	40.3	19.2	

standard and adapted CIELAB

LAB*LAB	73.67	40.3	19.2
LAB*LAB	73.67	40.3	19.2
LAB*LAB	73.67	40.3	19.2
LAB*LAB	73.67	40.3	19.2
LAB*LAB	73.67	40.3	19.2

relative CIELAB lab*

lab*lab	0.772	0.451	0.215
lab*lab	0.772	0.451	0.215
lab*lab	0.772	0.451	0.215
lab*lab	0.772	0.451	0.215
lab*lab	0.772	0.451	0.215

relative Natural Colour (NC)

lab*lab	0.772	0.451	0.215
lab*lab	0.772	0.451	0.215
lab*lab	0.772	0.451	0.215
lab*lab	0.772	0.451	0.215
lab*lab	0.772	0.451	0.215

standard and adapted CIELAB

LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81

relative CIELAB lab*

lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323

relative Natural Colour (NC)

lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323

standard and adapted CIELAB

LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81

relative CIELAB lab*

lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv6*	0.0	0.75	0.75	(0.0)
olv7*	0.0	0.75	0.75	(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	

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
LAB*LAB	71.57	0.0	0.0

relative CIELAB lab*

lab*lab	0.886	0.25	0.0
lab*lab	0.886	0.25	0.0
lab*lab	0.886	0.25	0.0
lab*lab	0.886	0.25	0.0
lab*lab	0.886	0.25	0.0

relative Natural Colour (NC)

lab*lab	0.886	0.25	0.0
lab*lab	0.886	0.25	0.0
lab*lab	0.886	0.25	0.0
lab*lab	0.886	0.25	0.0
lab*lab	0.886	0.25	0.0

standard and adapted CIELAB

LAB*LAB	60.69	20.16	9.6
LAB*LAB	60.69	20.16	9.6
LAB*LAB	60.69	20.16	9.6
LAB*LAB	60.69	20.16	9.6
LAB*LAB	60.69	20.16	9.6

relative CIELAB lab*

lab*lab	0.772	0.5	0.0
lab*lab	0.772	0.5	0.0
lab*lab	0.772	0.5	0.0
lab*lab	0.772	0.5	0.0
lab*lab	0.772	0.5	0.0

relative Natural Colour (NC)

lab*lab	0.772	0.5	0.0
lab*lab	0.772	0.5	0.0
lab*lab	0.772	0.5	0.0
lab*lab	0.772	0.5	0.0
lab*lab	0.772	0.5	0.0

standard and adapted CIELAB

LAB*LAB	60.69	20.16	9.6
LAB*LAB	60.69	20.16	9.6
LAB*LAB	60.69	20.16	9.6
LAB*LAB	60.69	20.16	9.6
LAB*LAB	60.69	20.16	9.6

relative CIELAB lab*

lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323

relative Natural Colour (NC)

lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323
lab*lab	0.638	0.677	0.323

standard and adapted CIELAB

LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81
LAB*LAB	62.81	60.46	28.81

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv5*	1.0	0.5	0.5	(0.0)
olv6*	0.0	0.5	0.5	(0.0)
olv7*	0.0	0.5	0.5	(0.0)
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	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
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative CIELAB lab*

lab*lab	0.638	0.25	0.0
lab*lab	0.638	0.25	0.0
lab*lab	0.638	0.25	0.0
lab*lab	0.638	0.25	0.0
lab*lab	0.638	0.25	0.0

relative Natural Colour (NC)

lab*lab	0.638	0.25	0.0
lab*lab	0.638	0.25	0.0
lab*lab	0.638	0.25	0.0
lab*lab	0.638	0.25	0.0
lab*lab	0.638	0.25	0.0

standard and adapted CIELAB

LAB*LAB	49.83	40.31	19.21
LAB*LAB	49.83	40.31	19.21
LAB*LAB	49.83	40.31	19.21
LAB*LAB	49.83	40.31	19.21
LAB*LAB	49.83	40.31	19.21

relative CIELAB lab*

lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43

relative Natural Colour (NC)

lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43
lab*lab	0.544	0.903	0.43

standard and adapted CIELAB

LAB*LAB	51.94	80.61	38.42
LAB*LAB	51.94	80.61	38.42
LAB*LAB	51.94	80.61	38.42
LAB*LAB	51.94	80.61	38.42
LAB*LAB	51.94	80.61	38.42

relative CIELAB lab*

lab*lab	0.408	0.677	0.323
lab*lab	0.408	0.677	0.323
lab*lab	0.408	0.677	0.323
lab*lab	0.408	0.677	0.323
lab*lab	0.408	0.677	0.323

relative Natural Colour (NC)

lab*lab	0.408	0.677	0.323
lab*lab	0.408	0.677	0.323
lab*lab	0.408	0.677	0.323
lab*lab	0.408	0.677	0.323
lab*lab	0.408	0.677	0.323

standard and adapted CIELAB

LAB*LAB	36.57	60.46	28.82
LAB*LAB	36.57	60.46	28.82
LAB*LAB	36.57	60.46	28.82
LAB*LAB	36.57	60.46	28.82
LAB*LAB	36.57	60.46	28.82

relative Inform. Technology (IT)

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Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

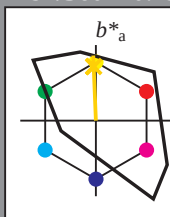
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

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*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 71.57 0.0 0.0
LAB*LABc 71.57 0.0 0.0

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*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*LABb 47.72 0.0 0.0
LAB*LABc 47.72 0.0 0.0

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*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 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 23.87 0.0 0.0
LAB*LABc 23.87 0.0 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 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 0.03 0.0 0.0
LAB*LABc 0.03 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*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 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 0.03 0.0 0.0
LAB*LABc 0.03 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*ch 0.0 0.0 0.0
lab*nch 1.0 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^*	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

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

relative Inform. Technology (IT)
olvi3* 1.0 0.912 0.5 (1.0)
cmyn3* 0.0 0.088 0.5 (0.0)
olvi4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 90.31 -1.74 43.06
LAB*LABa 90.31 -1.74 43.06
LAB*LABb 90.31 -1.74 43.06
LAB*LABc 90.31 -1.74 43.06

relative CIELAB lab*
lab*lab 0.947 -0.019 0.499
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 0.947 0.0 0.5
lab*nce 0.75 0.0 0.25

relative Inform. Technology (IT)
olvi3* 0.75 0.682 0.25 (1.0)
cmyn3* 0.25 0.318 0.75 (0.0)
olvi4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 66.47 -1.73 43.06
LAB*LABa 66.47 -1.73 43.06
LAB*LABb 66.47 -1.73 43.06
LAB*LABc 66.47 -1.73 43.06

relative CIELAB lab*
lab*lab 0.67 -0.029 0.749
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 0.67 0.0 0.75
lab*nce 0.67 0.0 0.75

relative Inform. Technology (IT)
olvi3* 0.5 0.412 0.0 (1.0)
cmyn3* 0.5 0.588 1.0 (0.0)
olvi4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 42.62 -1.73 43.06
LAB*LABa 42.62 -1.73 43.06
LAB*LABb 42.62 -1.73 43.06
LAB*LABc 42.62 -1.73 43.06

relative CIELAB lab*
lab*lab 0.447 -0.019 0.499
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 0.447 0.0 0.25
lab*nce 0.25 0.0 0.25

relative Inform. Technology (IT)
olvi3* 0.223 -0.009 0.25
cmyn3* 0.775 0.991 0.0 (0.0)
olvi4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.31 -0.86 21.52
LAB*LABa 21.31 -0.86 21.52
LAB*LABb 21.31 -0.86 21.52
LAB*LABc 21.31 -0.86 21.52

relative CIELAB lab*
lab*lab 0.223 -0.009 0.25
lab*ch 0.125 0.25 0.25
lab*nch 0.75 0.25 0.25
relative Natural Colour (NC)
lab*ch 0.125 0.25 0.25
lab*nch 0.75 0.25 0.25
lab*ce 0.223 0.25 0.25
lab*nce 0.125 0.25 0.25

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 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 0.03 0.0 0.0
LAB*LABc 0.03 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*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

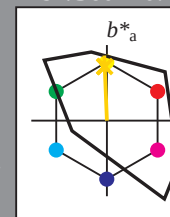
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

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*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 71.57 0.0 0.0
LAB*LABc 71.57 0.0 0.0

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*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.682 0.25 (1.0)
cmyn3* 0.25 0.318 0.75 (0.0)
olvi4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 66.47 -1.73 43.06
LAB*LABa 66.47 -1.73 43.06
LAB*LABb 66.47 -1.73 43.06
LAB*LABc 66.47 -1.73 43.06

relative CIELAB lab*
lab*lab 0.67 -0.029 0.749
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 0.67 0.0 0.75
lab*nce 0.67 0.0 0.75

relative Inform. Technology (IT)
olvi3* 0.5 0.412 0.0 (1.0)
cmyn3* 0.5 0.588 1.0 (0.0)
olvi4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 42.62 -1.73 43.06
LAB*LABa 42.62 -1.73 43.06
LAB*LABb 42.62 -1.73 43.06
LAB*LABc 42.62 -1.73 43.06

relative CIELAB lab*
lab*lab 0.447 -0.019 0.499
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 0.447 0.0 0.25
lab*nce 0.25 0.0 0.25

relative Inform. Technology (IT)
olvi3* 0.223 -0.009 0.25
cmyn3* 0.775 0.991 0.0 (0.0)
olvi4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.31 -0.86 21.52
LAB*LABa 21.31 -0.86 21.52
LAB*LABb 21.31 -0.86 21.52
LAB*LABc 21.31 -0.86 21.52

relative CIELAB lab*
lab*lab 0.223 -0.009 0.25
lab*ch 0.125 0.25 0.25
lab*nch 0.75 0.25 0.25
relative Natural Colour (NC)
lab*ch 0.125 0.25 0.25
lab*nch 0.75 0.25 0.25
lab*ce 0.223 0.25 0.25
lab*nce 0.125 0.25 0.25

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 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 0.03 0.0 0.0
LAB*LABc 0.03 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*ch 0.0 0.0 0.0
lab*nch 1.0 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^*	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

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

relative Inform. Technology (IT)
olvi3* 1.0 0.912 0.5 (1.0)
cmyn3* 0.0 0.088 0.5 (0.0)
olvi4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 90.31 -1.74 43.06
LAB*LABa 90.31 -1.74 43.06
LAB*LABb 90.31 -1.74 43.06
LAB*LABc 90.31 -1.74 43.06

relative CIELAB lab*
lab*lab 0.947 -0.019 0.499
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 0.947 0.0 0.5
lab*nce 0.75 0.0 0.25

relative Inform. Technology (IT)
olvi3* 0.75 0.682 0.25 (1.0)
cmyn3* 0.25 0.318 0.75 (0.0)
olvi4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 66.47 -1.73 43.06
LAB*LABa 66.47 -1.73 43.06
LAB*LABb 66.47 -1.73 43.06
LAB*LABc 66.47 -1.73 43.06

relative CIELAB lab*
lab*lab 0.67 -0.029 0.749
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 0.67 0.0 0.75
lab*nce 0.67 0.0 0.75

relative Inform. Technology (IT)
olvi3* 0.5 0.412 0.0 (1.0)
cmyn3* 0.5 0.588 1.0 (0.0)
olvi4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 42.62 -1.73 43.06
LAB*LABa 42.62 -1.73 43.06
LAB*LABb 42.62 -1.73 43.06
LAB*LABc 42.62 -1.73 43.06

relative CIELAB lab*
lab*lab 0.447 -0.019 0.499
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*ce 0.447 0.0 0.25
lab*nce 0.25 0.0 0.25

relative Inform. Technology (IT)
olvi3* 0.223 -0.009 0.25
cmyn3* 0.775 0.991 0.0 (0.0)
olvi4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.31 -0.86 21.52
LAB*LABa 21.31 -0.86 21.52
LAB*LABb 21.31 -0.86 21.52
LAB*LABc 21.31 -0.86 21.52

relative CIELAB lab*
lab*lab 0.223 -0.009 0.25
lab*ch 0.125 0.25 0.25
lab*nch 0.75 0.25 0.25
relative Natural Colour (NC)
lab*ch 0.125 0.25 0.25
lab*nch 0.75 0.25 0.25
lab*ce 0.223 0.25 0.25
lab*nce 0.125 0.25 0.25

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 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 0.03 0.0 0.0
LAB*LABc 0.03 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*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

OG540-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage OG54; Farbmetrik-Systeme TLS00 & TLS00 input: $cmv0^* setcmykcolor$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttonen output: $cmv0^* / 000n^* setcmykcolor$

lab*tch und lab*nch

Dreiecks-Helligkeit t^*



	1.0	0.0	-
lab*hcN	1.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.0	0.0	0.0
lab*tcE	0.0	0.0	-
lab*ncE	1.0	0.0	-

$n^* = 1,0$

OC540-7 5 stufige

<i>lab*^hnc^h</i>	0.75	0.25	0.451
relative Natural Colour (NC)			
<i>lab*^hlrj</i>	0.225	-0.249	0.0
<i>lab*^htce</i>	0.125	0.25	0.5
<i>lab*^hncE</i>	0.75	0.25	199g

<i>lab*trn</i>	0.25	0.5	0.451
<i>lab*ncn</i>	0.5		0.451
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.449	-0.499	0.0
<i>lab*tce</i>	0.25	0.5	0.5
<i>lab*ncE</i>	0.5	0.5	0.99g

$n^* = 0,50$

<i>lab*tc</i>	0.375	0.75	0.451
<i>lab*nc</i>	0.25	0.75	0.451
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.674	-0.749	0.0
<i>lab*tce</i>	0.375	0.75	0.5
<i>lab*nce</i>	0.25	0.75	0.99g

$n^* = 0,25$

SOFTWARE

Relative Duration:

 BAM-Prüfvorlage OG54; Farbmeter-

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne

*lab*tch* und *lab*nch*

Dreiecks-Helligkeit t^*



relative Natural Colour (NC)			
<i>lab*trn</i>	0.25	0.0	—
<i>lab*ncn</i>	0.75	0.0	—
<i>lab*lrj</i>	0.25	0.0	0.0
<i>lab*tcn</i>	0.25	0.0	—
<i>lab*ncE</i>	0.75	0.0	—

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.0	0.0	0.0 (1.0)
<i>cmvn3*</i>	1.0	1.0	1.0 (0.0)

lab* <i>tch</i>	0.375	0.25	0.451
lab* <i>nch</i>	0.5	0.25	0.451
relative Natural Colour (NC)			
lab* <i>lrj</i>	0.475	-0.249	0.0
lab* <i>tce</i>	0.375	0.25	0.5
lab* <i>nCe</i>	0.5	0.25	0.99g
relative Inform. Technology (IT)			
olvi3*	0.0	0.25	0.163 (1.0)

<i>cmyn3*</i>	3.0	0.5	0.528	(1.0)
<i>cmyn3*</i>	1.0	0.5	0.674	(0.0)
<i>olvi4*</i>	0.5	1.0	0.826	(0.0)
<i>cmyn4*</i>	0.5	0.0	0.174	0.5
standard and adapted CIELAB				
<i>LAB*LAB</i>	42.88	-29.42	9.44	
<i>LAB*LABa</i>	42.88	-29.42	9.44	
<i>LAB*TCHa</i>	25.01	30.91	162.2	
relative CIELAB lab*				
<i>lab*lab</i>	0.449	-0.475	0.153	

<i>lab*^{trch}</i>	0.375	0.75	0.45
<i>lab*^{nch}</i>	0.25	0.75	0.45
relative Natural Colour (NC)			
<i>lab*^{trj}</i>	0.674	-0.749	0.0
<i>lab*^{trc}</i>	0.375	0.75	0.5
<i>lab*^{ncE}</i>	0.25	0.75	0.995

$n^* = 0,25$

CONCLUSIONS

Relative Bandwidth

S00 & TLS00 input: *cmY0* setcmykcolor*

[illegible]

