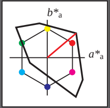
Siehe ähnliche Dateien: http://www.ps.bam.de/OG03/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0, CIELAB

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

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

Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	50.5	76.92	64.55	100.42	40
Y_{Ma}	92.66	−20.69	90.75	93.08	103
L_{Ma}	83.63	−82.75	79.9	115.04	136
C_{Ma}	86.88	−46.16	−13.55	48.12	196
V_{Ma}	30.39	76.06	−103.59	128.52	306
M_{Ma}	57.3	94.35	−58.41	110.97	328
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Umfang
$u^*_{rel} = 158$
%Regularität
$g^*_{H,rel} = 20$
$g^*_{C,rel} = 37$

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*TCHa* 99.99 0.0 –
relative **CIELAB** *lab**
*lab*lab* 1.0 0.0 0.0
*lab*tch* 1.0 0.0 –
*lab*nch* 0.0 0.0 –
relative **Natural Colour (NC)**
*lab*lrj* 1.0 0.0 0.0
*lab*tce* 1.0 0.0 –
*lab*ncE* 0.0 0.0 –

relative **Inform. Technology (IT)**
*olvi3** 0.5 0.5 0.5 (1.0)
*cmyn3** 0.5 0.5 0.5 (0.0)
*olvi4** 1.0 1.0 1.0 0.5
*cmyn4** 0.0 0.0 0.0 0.5
standard and *adapted* **CIELAB**
*LAB*LAB* 82.56 0.0 0.0
*LAB*LABa* 82.56 0.0 0.0
*LAB*TCHa* 50.0 0.0 –
relative **CIELAB** *lab**
*lab*lab* 0.5 0.0 0.0
*lab*tch* 0.5 0.0 –
*lab*nch* 0.5 0.0 –
relative **Natural Colour (NC)**
*lab*lrj* 0.5 0.0 0.0
*lab*tce* 0.5 0.0 –
*lab*ncE* 0.5 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 0.0
*cmyn4** 0.0 0.0 0.0 1.0
standard and *adapted* **CIELAB**
*LAB*LAB* 69.7 0.0 0.0
*LAB*LABa* 69.7 0.0 0.0
*LAB*TCHa* 0.01 0.0 –
relative **CIELAB** *lab**
*lab*lab* 0.0 0.0 0.0
*lab*tch* 0.0 0.0 –
*lab*nch* 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 –

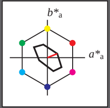
$n^* = 0{,}00$
Schwarzheit n^*
0,25 0,50 $n^* = 0{,}50$ 0,75 1,00
relative Buntheit c^*
$n^* = 1{,}0$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

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

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

Dreiecks-Helligkeit t^*



TLS70; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	76.43	26.27	10.57	28.32	22
Y_{Ma}	93.93	−10.76	34.63	36.27	107
L_{Ma}	89.32	−35.8	27.64	45.24	142
C_{Ma}	90.93	−21.95	−7.07	23.07	198
V_{Ma}	72.1	15.76	−35.63	38.97	294
M_{Ma}	78.5	37.52	−25.23	45.22	326
N_{Ma}	69.7	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
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
$u^*_{rel} = 16$
%Regularität
$g^*_{H,rel} = 34$
$g^*_{C,rel} = 51$

relative **Inform. Technology (IT)**
*olvi3** 1.0 0.5 0.5 (1.0)
*cmyn3** 0.0 0.5 0.5 (0.0)
*olvi4** 1.0 0.5 0.5 1.0
*cmyn4** 0.0 0.5 0.5 0.0
standard and *adapted* **CIELAB**
*LAB*LAB* 85.92 13.13 5.28
*LAB*LABa* 85.92 13.13 5.28
*LAB*TCHa* 75.0 14.16 21.92
relative **CIELAB** *lab**
*lab*lab* 0.631 0.464 0.187
*lab*tch* 0.75 0.5 0.061
*lab*nch* 0.0 0.5 0.061
relative **Natural Colour (NC)**
*lab*lrj* 0.631 0.499 −0.024
*lab*tce* 0.75 0.5 0.992
*lab*ncE* 0.0 0.5 b96r

relative **Inform. Technology (IT)**
*olvi3** 0.5 0.0 0.0 (1.0)
*cmyn3** 0.5 1.0 1.0 (0.0)
*olvi4** 1.0 0.5 0.5 0.5
*cmyn4** 0.0 0.5 0.5 0.5
standard and *adapted* **CIELAB**
*LAB*LAB* 73.07 13.13 5.28
*LAB*LABa* 73.07 13.13 5.28
*LAB*TCHa* 25.01 14.16 21.92
relative **CIELAB** *lab**
*lab*lab* 0.131 0.464 0.187
*lab*tch* 0.25 0.5 0.061
*lab*nch* 0.5 0.5 0.061
relative **Natural Colour (NC)**
*lab*lrj* 0.131 0.499 −0.024
*lab*tce* 0.25 0.5 0.992
*lab*ncE* 0.5 0.5 b96r

relative **Inform. Technology (IT)**
*olvi3** 1.0 0.0 0.0 (1.0)
*cmyn3** 0.0 1.0 1.0 (0.0)
*olvi4** 1.0 0.0 0.0 1.0
*cmyn4** 0.0 1.0 1.0 0.0
standard and *adapted* **CIELAB**
*LAB*LAB* 76.43 26.26 10.57
*LAB*LABa* 76.43 26.26 10.57
*LAB*TCHa* 50.0 28.31 21.92
relative **CIELAB** *lab**
*lab*lab* 0.262 0.928 0.373
*lab*tch* 0.5 1.0 0.061
*lab*nch* 0.0 1.0 0.061
relative **Natural Colour (NC)**
*lab*lrj* 0.262 0.999 −0.048
*lab*tce* 0.5 1.0 0.992
*lab*ncE* 0.0 1.0 b96r

$n^* = 0{,}00$
Schwarzheit n^*
0,25 0,50 $n^* = 0{,}50$ 0,75 1,00
relative Buntheit c^*
$n^* = 1{,}0$

BAM-Registrierung: 20060101-OG03/10S/S03G00F1.PS/.TXT BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

/OG03/ Form: 1/10, Serie: 1/1, Seite: 1 Seitenzählung 1

OG030−7, 3 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (links) 3 stufige Reihen für konstanten CIELAB Buntton 22/360 = 0.061 (rechts)