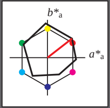
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

D50: Buntton O
LCH*Ma: 48 82 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit *t**



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.05	50.54	82.38	38
Y_{Ma}	91.0	−4.72	90.58	90.7	93
L_{Ma}	50.9	−63.18	34.98	72.22	151
C_{Ma}	56.99	−39.34	−48.1	62.16	231
V_{Ma}	25.72	30.89	−44.4	54.09	305
M_{Ma}	49.99	75.76	−4.64	75.9	356
N_{Ma}	18.09	0.0	0.0	0.0	0
W_{Ma}	95.46	0.0	0.0	0.0	0
R_{CIE}	41.88	61.66	30.69	68.88	26
J_{CIE}	81.97	2.02	67.79	67.82	88
G_{CIE}	51.62	−41.32	9.74	42.46	167
B_{CIE}	29.2	−5.79	−49.61	49.96	263

%Umfang
$u^*_{rel} = 94$
%Regularität
$g^*_{H,rel} = 65$
$g^*_{C,rel} = 60$

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

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 0.01 –
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* 47.72 0.0 0.0
*LAB*LABa* 47.72 0.0 0.0
*LAB*TCHa* 50.0 0.01 –
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 –

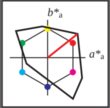
relative **Inform. Technology (IT)**
*olvi3** 0.0 0.0 0.0 (1.0)
*cmyn3** 1.0 1.0 1.0 (0.0)
*olvi4** 1.0 1.0 1.0 0.0
*cmyn4** 0.0 0.0 0.0 1.0
standard and adapted CIELAB
*LAB*LAB* 0.03 0.0 0.0
*LAB*LABa* 0.03 0.0 0.0
*LAB*TCHa* 0.01 0.01 –
relative **CIELAB *lab****
*lab*lab* 0.0 0.0 0.0
*lab*tch* 0.0 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 –

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 38/360 = 0.107$
lab*tch* und *lab*nch

D50: Buntton O
LCH*Ma: 54 101 38
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}	54.19	79.36	63.0	101.33	38
Y_{Ma}	93.44	−14.18	82.59	83.8	100
L_{Ma}	82.82	−83.73	70.41	109.41	140
C_{Ma}	85.22	−55.9	−15.78	58.1	196
V_{Ma}	25.61	67.05	−108.87	127.87	302
M_{Ma}	58.76	91.18	−53.69	105.82	330
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	41.88	62.0	31.82	69.69	27
J_{CIE}	81.97	1.81	71.59	71.61	89
G_{CIE}	51.62	−41.11	11.52	42.7	164
B_{CIE}	29.2	−5.27	−49.33	49.62	264

%Umfang
$u^*_{rel} = 156$
%Regularität
$g^*_{H,rel} = 26$
$g^*_{C,rel} = 45$

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* 74.79 39.67 31.49
*LAB*LABa* 74.79 39.67 31.49
*LAB*TCHa* 75.0 50.65 38.44
relative **CIELAB *lab****
*lab*lab* 0.784 0.392 0.311
*lab*tch* 0.75 0.5 0.107
*lab*nch* 0.0 0.5 0.107
relative **Natural Colour (NC)**
*lab*lrj* 0.784 0.479 0.142
*lab*tce* 0.75 0.5 0.046
*lab*ncE* 0.0 0.5 r18j

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* 54.19 79.34 62.99
*LAB*LABa* 54.19 79.34 62.99
*LAB*TCHa* 50.0 101.31 38.44
relative **CIELAB *lab****
*lab*lab* 0.568 0.783 0.622
*lab*tch* 0.5 1.0 0.107
*lab*nch* 0.0 1.0 0.107
relative **Natural Colour (NC)**
*lab*lrj* 0.568 0.958 0.285
*lab*tce* 0.5 1.0 0.046
*lab*ncE* 0.0 1.0 r18j

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* 27.1 39.67 31.49
*LAB*LABa* 27.1 39.67 31.49
*LAB*TCHa* 25.01 50.65 38.44
relative **CIELAB *lab****
*lab*lab* 0.284 0.392 0.311
*lab*tch* 0.25 0.5 0.107
*lab*nch* 0.5 0.5 0.107
relative **Natural Colour (NC)**
*lab*lrj* 0.284 0.479 0.142
*lab*tce* 0.25 0.5 0.046
*lab*ncE* 0.5 0.5 r18j

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

QG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links) 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.107 (rechts)

Siehe ähnliche Dateien: http://www.ps.bam.de/QG00/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0, CIELAB

BAM-Registrierung: 20060101-QG00/10S/S00G00F1.PS/.TXT BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/QG00/ Form: 1/10, Serie: 1/1, Seite: 1
Seitenzählung 1