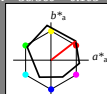


Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

D65: Buntton O
 LCH*Ma: 48 83 38
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 93$
 %Regulartät
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

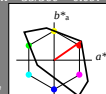
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 47.94	65.39	50.52	82.63	38
YMa 90.37	-10.26	91.75	92.32	96
LMa 50.9	-62.83	34.96	71.91	151
CMa 58.62	-30.34	-45.01	54.3	236
VMa 25.72	31.1	-44.4	54.22	305
MMa 48.13	75.28	-8.36	75.74	354
NMa 18.01	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 39.92	58.66	26.98	64.57	25
JCIE 81.26	-2.16	67.76	67.79	92
GCIE 52.23	-42.25	11.76	43.87	164
BCIE 30.57	1.15	-46.84	46.86	271

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 35/360 = 0.097$
 lab^*ch und lab^*nch

D65: Buntton O
 LCH*Ma: 53 87 35
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 118$
 %Regulartät
 $g^*_{H,rel} = 22$
 $g^*_{C,rel} = 40$

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*TCHe 99.99 0.01 -
relative CIELAB lab*
 lab^*lab 1.0 0.0 0.0
 lab^*ch 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 56.72 0.0 0.0
 LAB*LABa 56.72 0.0 0.0
 LAB*TCHe 50.0 0.01 -
relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 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 18.03 0.0 0.0
 LAB*LABa 18.03 0.0 0.0
 LAB*TCHe 0.01 0.01 -
relative CIELAB lab*
 lab^*lab 0.0 0.0 0.0
 lab^*ch 0.0 0.0 -
 lab^*nch 0.0 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 -

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

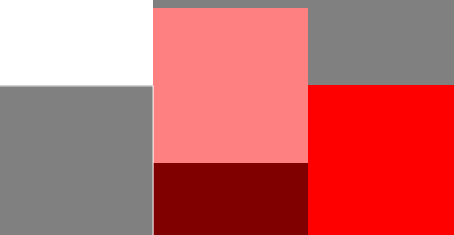
standard and adapted CIELAB
 LAB*LAB 74.08 35.81 24.94
 LAB*LABa 74.08 35.81 24.94
 LAB*TCHe 75.0 43.63 34.85
relative CIELAB lab*
 lab^*lab 0.724 0.41 0.286
 lab^*ch 0.75 0.5 0.097
 lab^*nch 0.0 0.5 0.097
relative Natural Colour (NC)
 lab^*lrj 0.724 0.488 0.109
 lab^*tce 0.75 0.5 0.035
 lab^*nce 0.0 0.5 0.141

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 35.39 35.81 24.94
 LAB*LABa 35.39 35.81 24.94
 LAB*TCHe 25.01 43.63 34.85
relative CIELAB lab*
 lab^*lab 0.225 0.41 0.286
 lab^*ch 0.25 0.5 0.097
 lab^*nch 0.0 0.5 0.097
relative Natural Colour (NC)
 lab^*lrj 0.225 0.488 0.109
 lab^*tce 0.25 0.5 0.035
 lab^*nce 0.0 0.5 0.141

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 0.0 0.0 0.0

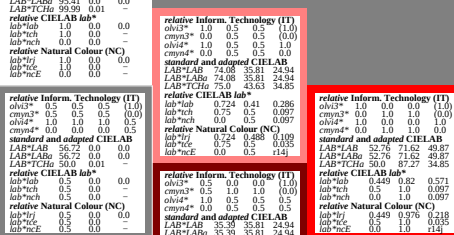
standard and adapted CIELAB
 LAB*LAB 52.76 71.62 49.87
 LAB*LABa 52.76 71.62 49.87
 LAB*TCHe 50.0 87.27 34.85
relative CIELAB lab*
 lab^*lab 0.449 0.82 0.571
 lab^*ch 0.449 0.976 0.218
 lab^*nch 0.0 1.0 0.035
relative Natural Colour (NC)
 lab^*lrj 0.449 0.976 0.218
 lab^*tce 0.5 1.0 0.035
 lab^*nce 0.0 1.0 0.141



Schwarzheit n^*

relative Bunttheit c^*

$n^* = 1.0$



Schwarzheit n^*

relative Bunttheit c^*

$n^* = 1.0$

NG010-7, 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (rechts)

BAM-Prüfvorlage NG01; Farbmetrik-Systeme ORS18 & TLS18 input: $olv^*setrgbcolor$
 D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Siehe ähnliche Dateien: <http://www.ps.bam.de/NG01/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-NG01/L01G00N1.PS/TXT
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
 NG01/ Form 1/0, Seite 1/1, Seite 1

BAM-Material-Code=matda