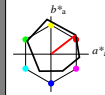


Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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 l^*

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

ORS18; adaptierte CIELAB-Daten

L^*_a	a^*_a	b^*_a	C^*_{aba}	h^*_{aba}
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	-44.01	54.3	236
VMa 25.72	31.1	-45.44	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

standard and adapted CIELAB

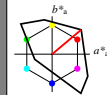
relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 -
lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*lrj 1.0 0.0 0.0
lab*lce 1.0 0.0 -
lab*nce 0.0 0.0 -

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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



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

Dreiecks-Helligkeit l^*

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

TLS00; adaptierte CIELAB-Daten

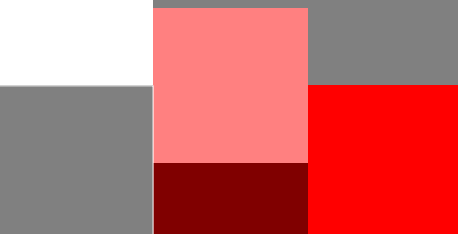
L^*_a	a^*_a	b^*_a	C^*_{aba}	h^*_{aba}
OMa 50.5	76.92	64.55	100.42	40
YMa 92.66	-20.69	90.75	93.08	103
LMa 83.63	-82.75	79.9	115.04	136
CMa 86.88	-46.16	-13.55	48.12	196
VMa 30.39	76.06	-103.59	128.52	306
MMa 57.3	94.35	-58.41	110.97	328
NMa 0.01	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 39.92	58.74	27.99	65.07	25
JCIE 81.26	-2.88	71.56	71.62	92
GCIE 52.23	-42.41	13.6	44.55	162
BCIE 30.57	1.41	-46.46	46.49	272

standard and adapted CIELAB

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*lce 1.0 0.0 -
lab*nce 0.0 0.0 -



Schwarzheit n^*

relative Buntheit c^*

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (0.5)
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*TCHa 50.0 0.01

relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 (1.0)
lab*nch 0.5 0.0 -

relative Natural Colour (NC)

lab*lrj 0.5 0.0 0.0
lab*lce 0.5 0.0 -
lab*nce 0.5 0.0 -

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

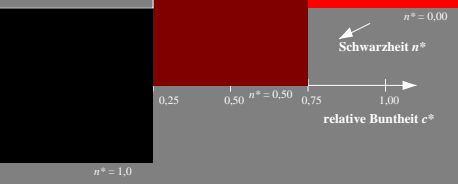
LAB*LAB 50.5 76.9 64.54
LAB*LABa 50.5 76.9 64.54
LAB*TCHa 50.0 100.4 40.0

relative CIELAB lab*

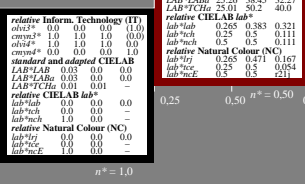
lab*lab 0.529 0.766 0.643
lab*ch 0.5 1.0 0.111
lab*nch 0.0 1.0 0.111

relative Natural Colour (NC)

lab*lrj 0.529 0.942 0.335
lab*lce 0.5 1.0 0.054
lab*nce 0.0 1.0 0.211



$n^* = 1.0$



Schwarzheit n^*

relative Buntheit c^*

NG000-7, 3stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links) 3stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (rechts)

BAM-Prüfvorlage NG00; Farbmetrik-Systeme ORS18 & TLS00 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/NG00/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-NG00/LOG00N1.PS./TXT
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
 BAM-Material-Code=mathta
 NG00 Form 1/0, Seite 11, Seite 1