

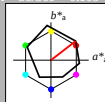
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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 i^* 

%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

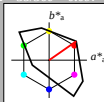
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

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 i^* 

%Umfang

 $u^*_{rel} = 118$

%Regulartät

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

TLS18; adaptierte CIELAB-Daten

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 52.76	71.63	49.88	87.29	35
YMa 92.74	-20.02	84.97	87.3	103
LMa 84.0	-78.98	73.94	108.2	137
CMa 87.14	-44.41	-13.11	46.32	196
VMa 35.47	64.92	-95.06	115.12	304
MMa 59.01	89.33	-55.67	105.26	328
NMa 18.01	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	13.64	44.55	162
BCIE 30.57	1.41	-46.46	46.49	272

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*lce 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*lce 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 1.0 0.0 -

relative Natural Colour (NC)

lab*lrj 0.0 0.0 0.0

lab*lce 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*lce 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 0.5 0.5 0.097

relative Natural Colour (NC)

lab*lrj 0.225 0.488 0.109

lab*lce 0.25 0.5 0.035

lab*nCe 0.5 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 1.0 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 0.097

relative Natural Colour (NC)

lab*lrj 0.449 0.976 0.218

lab*lce 0.5 1.0 0.035

lab*nCe 0.0 1.0 0.141

Siehe ähnliche Dateien: <http://www.ps.bam.de/NG01/>Technische Information: <http://www.ps.bam.de> Version 2.1, io=1.1, CIELABBAM-Registrierung: 20060101-NG01/10Q/Q01G00F1.PS/.TXT BAM-Material: Code=thada
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

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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: olv* setrgbcolor / w* setgray