

Siehe ähnliche Dateien: <http://www.ps.bam.de/SG00/>
 Technische Information: <http://www.ps.bam.de/Version 2.1, io=0,0, CIELAB>

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

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

Dreiecks-Helligkeit l^*



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

ORS18; adaptierte CIELAB-Daten

$L^*a^*b^*$	a^*	b^*	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
JCIIE 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

LAB*LAB	LAB*LABa	LAB*LABb	LAB*TCHa
95.41	0.0	0.0	0.0
95.41	0.0	0.0	0.0
99.99	0.01	-	-

relative CIELAB lab*

lab*lab	lab*labch	lab*labnch
1.0	0.0	0.0
1.0	0.0	-
0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	lab*lrce	lab*nrE
1.0	0.0	0.0
1.0	0.0	-
0.0	0.0	-

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

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

Dreiecks-Helligkeit l^*



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

TLS00; adaptierte CIELAB-Daten

$L^*a^*b^*$	a^*	b^*	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
JCIIE 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

standard and adapted CIELAB

LAB*LAB	LAB*LABa	LAB*LABb	LAB*TCHa
95.41	0.0	0.0	0.0
95.41	0.0	0.0	0.0
99.99	0.01	-	-

relative CIELAB lab*

lab*lab	lab*labch	lab*labnch
1.0	0.0	0.0
1.0	0.0	-
0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	lab*lrce	lab*nrE
1.0	0.0	0.0
1.0	0.0	-
0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	olvi2*	olvi1*	olvi0*
1.0	0.5	0.5	0.5
0.0	0.5	0.5	0.0
1.0	0.5	0.5	0.0
0.0	0.0	0.5	0.5

standard and adapted CIELAB

LAB*LAB	LAB*LABa	LAB*LABb	LAB*TCHa
72.95	38.45	32.27	32.27
72.95	38.45	32.27	32.27
75.0	50.2	40.0	40.0

relative CIELAB lab*

lab*lab	lab*labch	lab*labnch
0.765	0.383	0.321
0.765	0.383	0.321
0.5	0.5	0.111
0.5	0.5	0.111
0.0	0.5	0.5
0.765	0.471	0.167
0.765	0.471	0.167
0.5	0.5	0.054
0.5	0.5	0.054

relative Inform. Technology (IT)

olvi3*	olvi2*	olvi1*	olvi0*
1.0	0.0	0.0	0.0
0.0	1.0	0.0	0.0
1.0	0.0	0.0	0.0
0.0	1.0	0.0	0.0

standard and adapted CIELAB

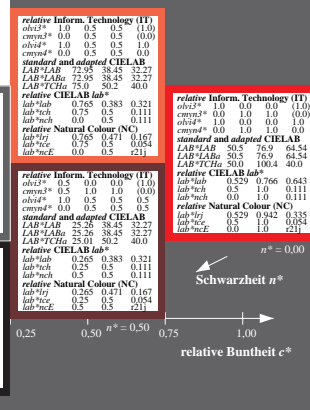
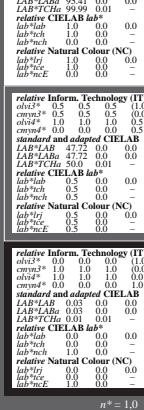
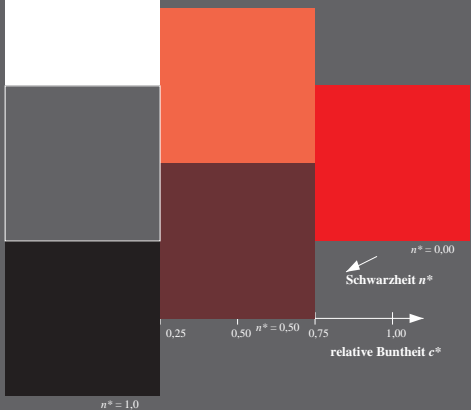
LAB*LAB	LAB*LABa	LAB*LABb	LAB*TCHa
50.0	100.4	40.0	40.0
50.0	100.4	40.0	40.0
50.0	100.4	40.0	40.0

relative CIELAB lab*

lab*lab	lab*labch	lab*labnch
0.529	0.766	0.643
0.529	0.766	0.643
0.5	1.0	0.111
0.5	1.0	0.111
0.0	1.0	0.111
0.529	0.942	0.335
0.529	0.942	0.335
0.5	1.0	0.054
0.5	1.0	0.054

relative Natural Colour (NC)

lab*lrj	lab*lrce	lab*nrE
0.529	0.942	0.335
0.529	0.942	0.335
0.5	1.0	0.054
0.5	1.0	0.054



SG000-7. 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

3 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (rechts)

BAM-Prüfvorlage SG00; Farbmetrik-Systeme ORS18 & TLS00 input: $cmv0^* \text{ setcmkcolor}$
 A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $cmv0^* / 000n^* \text{ setcmkcolor}$

BAM-Registrierung: 20060101-SG00/10S/SG00G00F1.PS/TXT BAM-Material-Code=matda
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorysystemen
 SG00/10S/SG00/11_S001
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