

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

$L^* = L^*_a$	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

LAB^*LAB	95.41	0.0	0.0
LAB^*TCHa	99.99	0.01	-
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

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

$L^* = L^*_a$	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	13.64	44.55	162
BCIE 30.57	1.41	-46.46	46.49	272

standard and adapted CIELAB

LAB^*LAB	95.41	0.0	0.0
LAB^*TCHa	99.99	0.01	-
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)

$olvi3^*$	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	72.95	38.45	32.27
LAB^*TCHa	75.02	40.0	40.0

relative CIELAB lab*

lab^*lab	0.765	0.383	0.321
lab^*ch	0.75	0.5	0.111
lab^*nch	0.0	0.5	0.111

relative Natural Colour (NC)

lab^*lrj	0.765	0.471	0.167
lab^*lce	0.75	0.5	0.054
lab^*nce	0.0	0.5	0.211

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^*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

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^*TCHa	50.0	0.01	-

relative CIELAB lab*

lab^*lab	0.5	0.0	0.0
lab^*ch	0.5	0.0	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)

$olvi3^*$	0.5	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

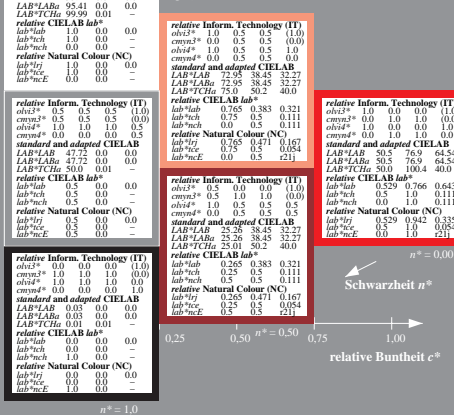
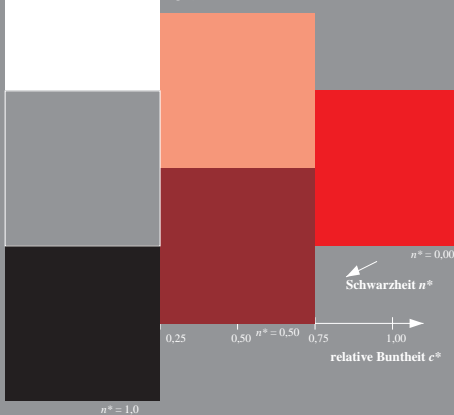
LAB^*LAB	25.26	38.45	32.27
LAB^*TCHa	25.01	50.2	40.0

relative CIELAB lab*

lab^*lab	0.265	0.383	0.321
lab^*ch	0.25	0.5	0.111
lab^*nch	0.5	0.5	0.111

relative Natural Colour (NC)

lab^*lrj	0.265	0.471	0.167
lab^*lce	0.25	0.5	0.054
lab^*nce	0.5	0.5	0.211



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/L00G00F1.PS/TXT
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
 BAM-Material-Code=mathta
 SG00 Form 110 Seite 11, Seite 1