

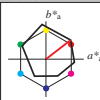
Siehe ähnliche Dateien: <http://www.ps.bam.de/SG00/>  
 Technische Informationen: <http://www.ps.bam.de/Version 2.1, io=0,0, CIELAB>

**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  $I^*$



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

**ORS18; adaptierte CIELAB-Daten**

$L^*a^*b^*$	$a^*$	$b^*$	$C^*_{aba}$	$h^*_{ab,a}$
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	-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**

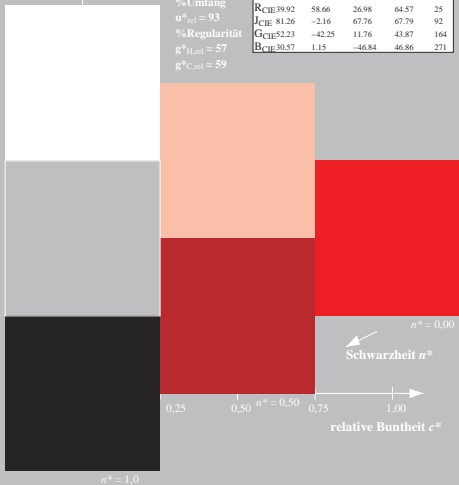
relative CIELAB $lab^*$	relative Inform. Technology (IT)
$lab^*lab$ 1.0 0.0 0.0	$olvi3^*$ 1.0 1.0 1.0
$lab^*ch$ 1.0 0.0 -	$cmyn2^*$ 0.0 0.0 0.0
$lab^*nch$ 0.0 0.0 -	$olvi4^*$ 1.0 1.0 1.0
$lab^*lrj$ 1.0 0.0 0.0	$cmyn4^*$ 0.0 0.0 0.0
$lab^*lce$ 1.0 0.0 -	$olvi3^*$ 1.0 0.5 0.5
$lab^*nCe$ 0.0 0.0 -	$cmyn2^*$ 0.0 0.5 0.5
$lab^*TCHa$ 99.99 0.01 -	$olvi4^*$ 1.0 0.5 0.5
$lab^*TCHb$ 75.0 50.2 40.0	$cmyn4^*$ 0.0 0.5 0.5

**relative Natural Colour (NC)**

relative CIELAB $lab^*$	relative Inform. Technology (IT)
$lab^*lab$ 0.5 0.0 0.0	$olvi3^*$ 0.5 0.5 0.5
$lab^*ch$ 0.5 0.0 -	$cmyn2^*$ 0.5 0.5 0.5
$lab^*nch$ 0.5 0.0 -	$olvi4^*$ 1.0 1.0 1.0
$lab^*lrj$ 0.5 0.0 0.0	$cmyn4^*$ 0.0 0.0 0.5
$lab^*lce$ 0.5 0.0 -	$olvi3^*$ 0.5 0.5 0.5
$lab^*nCe$ 0.5 0.0 -	$cmyn2^*$ 0.5 0.5 0.5
$lab^*TCHa$ 50.0 0.01 -	$olvi4^*$ 1.0 1.0 1.0
$lab^*TCHb$ 50.0 50.0 40.0	$cmyn4^*$ 0.0 0.0 0.5

**relative Natural Colour (NC)**

relative CIELAB $lab^*$	relative Inform. Technology (IT)
$lab^*lab$ 0.5 0.0 0.0	$olvi3^*$ 0.5 0.5 0.5
$lab^*ch$ 0.5 0.0 -	$cmyn2^*$ 1.0 1.0 1.0
$lab^*nch$ 0.5 0.0 -	$olvi4^*$ 1.0 1.0 1.0
$lab^*lrj$ 0.5 0.0 0.0	$cmyn4^*$ 0.0 0.0 1.0
$lab^*lce$ 0.5 0.0 -	$olvi3^*$ 0.5 0.5 0.5
$lab^*nCe$ 0.5 0.0 -	$cmyn2^*$ 0.5 0.5 0.5
$lab^*TCHa$ 0.01 0.01 -	$olvi4^*$ 1.0 1.0 1.0
$lab^*TCHb$ 25.01 30.2 40.0	$cmyn4^*$ 0.0 0.0 1.0

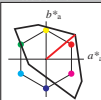


**Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00**

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  $I^*$



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

**TLS00; adaptierte CIELAB-Daten**

$L^*a^*b^*$	$a^*$	$b^*$	$C^*_{aba}$	$h^*_{ab,a}$
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

**relative Inform. Technology (IT)**

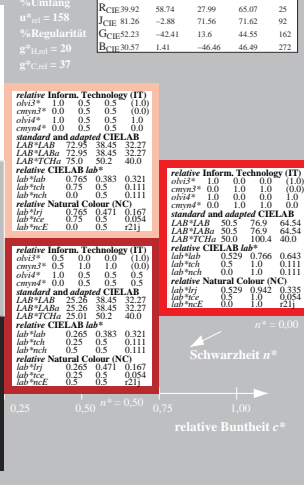
relative CIELAB $lab^*$	relative Inform. Technology (IT)
$lab^*lab$ 1.0 0.0 0.0	$olvi3^*$ 1.0 0.5 0.5
$lab^*ch$ 1.0 0.0 -	$cmyn2^*$ 0.0 0.5 0.5
$lab^*nch$ 0.0 0.0 -	$olvi4^*$ 1.0 0.5 1.0
$lab^*lrj$ 1.0 0.0 0.0	$cmyn4^*$ 0.0 0.5 0.5
$lab^*lce$ 1.0 0.0 -	$olvi3^*$ 1.0 0.5 0.5
$lab^*nCe$ 0.0 0.0 -	$cmyn2^*$ 0.0 0.5 0.5
$lab^*TCHa$ 99.99 0.01 -	$olvi4^*$ 1.0 0.5 1.0
$lab^*TCHb$ 75.0 50.2 40.0	$cmyn4^*$ 0.0 0.5 0.5

**relative Natural Colour (NC)**

relative CIELAB $lab^*$	relative Inform. Technology (IT)
$lab^*lab$ 0.5 0.0 0.0	$olvi3^*$ 0.5 0.5 0.5
$lab^*ch$ 0.5 0.0 -	$cmyn2^*$ 0.5 0.5 0.5
$lab^*nch$ 0.5 0.0 -	$olvi4^*$ 1.0 1.0 1.0
$lab^*lrj$ 0.5 0.0 0.0	$cmyn4^*$ 0.0 0.0 0.5
$lab^*lce$ 0.5 0.0 -	$olvi3^*$ 0.5 0.5 0.5
$lab^*nCe$ 0.5 0.0 -	$cmyn2^*$ 0.5 0.5 0.5
$lab^*TCHa$ 50.0 0.01 -	$olvi4^*$ 1.0 1.0 1.0
$lab^*TCHb$ 50.0 50.0 40.0	$cmyn4^*$ 0.0 0.0 0.5

**relative Natural Colour (NC)**

relative CIELAB $lab^*$	relative Inform. Technology (IT)
$lab^*lab$ 0.265 0.383 0.321	$olvi3^*$ 0.5 0.0 0.0
$lab^*ch$ 0.25 0.5 0.111	$cmyn2^*$ 0.5 1.0 1.0
$lab^*nch$ 0.5 0.5 1.111	$olvi4^*$ 1.0 0.5 0.5
$lab^*lrj$ 0.265 0.471 0.167	$cmyn4^*$ 0.0 0.5 0.5
$lab^*lce$ 0.25 0.5 0.167	$olvi3^*$ 0.5 0.5 0.5
$lab^*nCe$ 0.5 0.5 0.211	$cmyn2^*$ 0.5 0.5 0.5
$lab^*TCHa$ 25.01 30.2 40.0	$olvi4^*$ 1.0 1.0 1.0
$lab^*TCHb$ 25.01 30.2 40.0	$cmyn4^*$ 0.0 0.5 0.5



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:  $cmv0^* setcmkcolor$   
 A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output:  $cmv0^*/000n^* setcmkcolor$

BAM-Registrierung: 20060101-SG00/10Q/Q00G00F1.PS/TXT BAM-Material-Code=thada  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorystemen  
 SG00 Form 110, Seite 11, Seite 1  
 Siehe Datei 1