

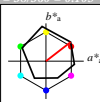
Siehe ähnliche Dateien: <http://www.ps.bam.de/RGB00/>  
 Technische Informationen: <http://www.ps.bam.de/Version 2.1, io=1.1, CIELAB>

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  
 $g^*_{Hrel} = 57$   
 $g^*_{C,rel} = 59$

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
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

relative Natural Colour (NC)

$lab^*lab$	1.0	0.0	0.0
$lab^*ch$	1.0	0.0	-
$lab^*nch$	0.0	0.0	-
$lab^*lrj$	1.0	0.0	0.0
$lab^*lce$	1.0	0.0	-
$lab^*nce$	0.0	0.0	-

standard and adapted CIELAB

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

relative CIELAB lab\*

$lab^*lab$	0.5	0.5	0.5
$lab^*ch$	0.5	0.5	0.5
$lab^*nch$	0.0	0.0	0.5
$lab^*lrj$	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	1.0	1.0
$cmyn3^*$	0.0	0.0	0.0
$olvi4^*$	1.0	1.0	1.0
$cmyn4^*$	0.0	0.0	0.0

relative Natural Colour (NC)

$lab^*lab$	0.5	0.0	0.0
$lab^*ch$	0.5	0.0	0.0
$lab^*nch$	0.5	0.0	-
$lab^*lrj$	0.5	0.0	0.0
$lab^*lce$	0.5	0.0	-
$lab^*nce$	0.5	0.0	-

standard and adapted CIELAB

$LAB^*LAB$	0.03	0.0	0.0
$LAB^*LAb$	0.03	0.0	0.0
$LAB^*TCHa$	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	-
$lab^*lrj$	0.0	0.0	0.0
$lab^*lce$	0.0	0.0	-
$lab^*nce$	1.0	0.0	-

relative Inform. Technology (IT)

$olvi3^*$	0.0	0.0	0.0
$cmyn3^*$	1.0	1.0	1.0
$olvi4^*$	1.0	1.0	1.0
$cmyn4^*$	0.0	0.0	0.0

relative Natural Colour (NC)

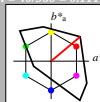
$lab^*lab$	0.0	0.0	0.0
$lab^*ch$	0.0	0.0	-
$lab^*nch$	1.0	0.0	-
$lab^*lrj$	0.0	0.0	0.0
$lab^*lce$	0.0	0.0	-
$lab^*nce$	1.0	0.0	-

Ausgabe: Farbmetrisches Fernseh-Licht-System TL500

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  
 $g^*_{Hrel} = 20$   
 $g^*_{C,rel} = 37$

TL500; 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
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)

$olvi3^*$	1.0	0.5	0.5
$cmyn3^*$	0.0	0.5	0.5
$olvi4^*$	1.0	0.5	0.5
$cmyn4^*$	0.0	0.5	0.5

standard and adapted CIELAB

$LAB^*LAB$	72.95	38.45	32.27
$LAB^*LAb$	72.95	38.45	32.27
$LAB^*TCHa$	75.0	50.2	40.0

relative CIELAB lab\*

$lab^*lab$	0.765	0.383	0.321
$lab^*ch$	0.75	0.5	0.111
$lab^*nch$	0.5	0.5	0.111
$lab^*lrj$	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)

$olvi3^*$	0.5	0.0	0.0
$cmyn3^*$	0.5	1.0	1.0
$olvi4^*$	1.0	0.5	0.5
$cmyn4^*$	0.0	0.5	0.5

standard and adapted CIELAB

$LAB^*LAB$	25.25	38.45	32.27
$LAB^*LAb$	25.25	38.45	32.27
$LAB^*TCHa$	25.01	50.2	40.0

relative CIELAB lab\*

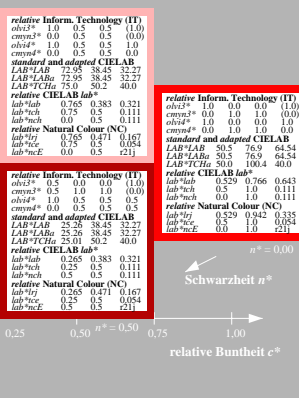
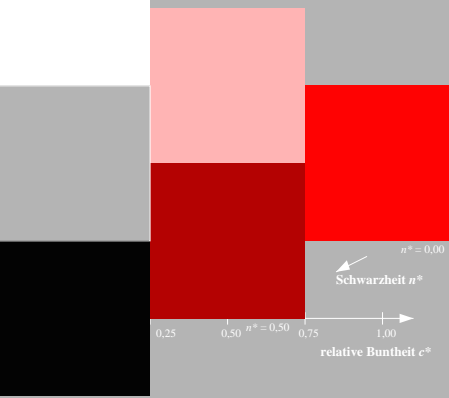
$lab^*lab$	0.265	0.383	0.321
$lab^*ch$	0.25	0.5	0.111
$lab^*nch$	0.5	0.5	0.111
$lab^*lrj$	0.265	0.471	0.167
$lab^*lce$	0.25	0.5	0.054
$lab^*nce$	0.5	0.5	0.211

relative Inform. Technology (IT)

$olvi3^*$	0.0	0.0	0.0
$cmyn3^*$	1.0	1.0	1.0
$olvi4^*$	1.0	1.0	1.0
$cmyn4^*$	0.0	0.0	0.0

relative Natural Colour (NC)

$lab^*lab$	0.0	0.0	0.0
$lab^*ch$	0.0	0.0	-
$lab^*nch$	1.0	0.0	-
$lab^*lrj$	0.0	0.0	0.0
$lab^*lce$	0.0	0.0	-
$lab^*nce$	1.0	0.0	-



RG000-7, 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 RG00; Farbmetrik-Systeme ORS18 & TL500 input: *olv\* setrgbcolor*  
 A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *olv\* setrgbcolor /w\* setgray*

BAM-Registrierung: 20060101-RG00/10Q/Q00G00F1.PS/TXT BAM-Material-Code=matda  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen  
 RG000 Form 110, Seite 11, Seite 1  
 Siehe Datei 1