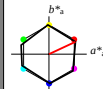


Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 57 77 25
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 100$
%Regelart
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 100$

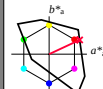
CNS18; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
GMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
ICIE	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

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 25/360 = 0.069$
 lab^*ch und lab^*nch

D65: Buntton O
LCH*Ma: 52 89 25
olv*Ma: 1.0 0.0 0.22

Dreiecks-Helligkeit t^*



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

TISO0; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
YMa	83.63	-82.75	79.9	115.04	136
YMa	86.88	-46.16	-13.55	48.12	196
YMa	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
ICIE	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)				
$olv3^*$	1.0	1.0	1.0	(1.0)
$cmyn3^*$	0.0	0.0	0.0	(0.0)
$olv4^*$	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*ice	1.0	0.0	-	
lab*nce	0.0	0.0	-	

relative Inform. Technology (IT)				
olv3*	1.0	0.5	0.609	(1.0)
cmyn3*	0.0	0.5	0.391	(0.0)
olv4*	1.0	0.5	0.609	1.0
cmyn4*	0.0	0.5	0.391	0.0
standard and adapted CIELAB				
LAB*LAB	73.69	40.36	18.82	
LAB*LABa	73.69	40.36	18.82	
LAB*TCHe	75.0	44.53	25.01	
relative CIELAB lab*				
lab*lab	0.772	0.5	-0.002	
lab*ch	0.75	0.5	0.999	
lab*nch	0.0	0.5	0.999	
relative Natural Colour (NC)				
lab*lrj	0.772	0.5	-0.002	
lab*ice	0.75	0.5	0.999	
lab*nch	0.0	0.5	0.999	

relative Inform. Technology (IT)				
olv3*	1.0	0.0	0.219	(1.0)
cmyn3*	0.0	1.0	0.781	(0.0)
olv4*	1.0	0.0	0.219	1.0
cmyn4*	0.0	1.0	0.781	0.0
standard and adapted CIELAB				
LAB*LAB	51.99	80.72	37.65	
LAB*LABa	51.99	80.72	37.65	

relative Inform. Technology (IT)				
olv3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olv4*	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*LABa	47.72	0.0	0.0	
LAB*TCHe	50.0	0.01	-	
relative CIELAB lab*				
lab*lab	0.5	0.0	0.0	
lab*tch	0.5	0.0	-	
lab*nch	0.5	0.0	-	
relative Natural Colour (NC)				
lab*lrj	0.5	0.0	0.0	
lab*ice	0.5	0.0	-	
lab*nCe	0.5	0.0	-	

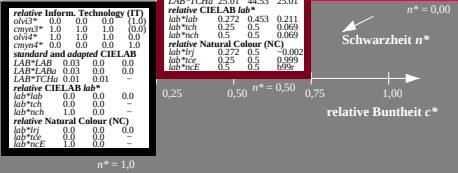
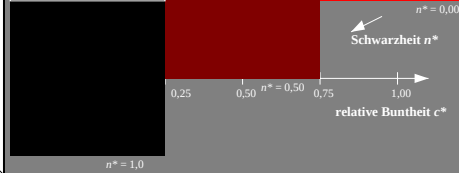
relative Inform. Technology (IT)				
olv3*	0.5	0.0	0.109	(1.0)
cmyn3*	0.5	1.0	0.891	(0.0)
olv4*	1.0	0.5	0.609	0.5
cmyn4*	0.0	0.5	0.391	0.5
standard and adapted CIELAB				
LAB*LAB	26.0	40.36	18.83	
LAB*LABa	26.0	40.36	18.83	
LAB*TCHe	25.01	44.53	25.01	
relative CIELAB lab*				
lab*lab	0.272	0.453	0.211	
lab*rch	0.25	0.5	0.069	
lab*nch	0.5	0.5	0.069	
relative Natural Colour (NC)				
lab*lrj	0.272	0.5	-0.002	
lab*ice	0.25	0.5	0.999	
lab*nce	0.5	0.5	0.999	

relative CIELAB lab*			
lab*lab	0.545	0.906	0.423
lab*tch	0.5	1.0	0.069
lab*nch	0.0	1.0	0.069
relative Natural Colour (NC)			
lab*lrj	0.545	1.0	-0.006
lab*tce	0.5	1.0	0.999
lab*nce	0.0	1.0	b99r

Siehe ähnliche Dateien: <http://www.ps.bam.de/VG50/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-VG50/L50G00N1.PS/TXT
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

BAM-Material-Code=thada
Seite Blatt 1



VG500-7, 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)

BAM-Prüfvorlage VG50; Farbmetrik-Systeme CNS18 & TLS00 input: olv* setrgbcolor
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input