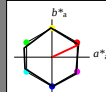


Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

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

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

Dreiecks-Helligkeit t^*



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

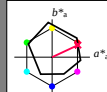
CNS18; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
GMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
ICIE	81.26	-2.16	67.76	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 Offset-Reflektiv-System ORS18

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

D65: Buntton O
LCH*Ma: 48 76 25
olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



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

ORS18; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
YMa	50.9	-62.83	34.96	71.91	151
YMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	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
ICIE	81.26	-2.16	67.76	71.62	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

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	-0.98	4.75		
LAB*LABa	95.41	0.0	0.0		
LAB*TCMa	99.99	0.01	-		
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*tch	1.0	0.0	-		
lab*nch	0.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	1.0	0.0	0.0		
lab*tce	1.0	0.0	-		
lab*nce	0.0	0.0	-		

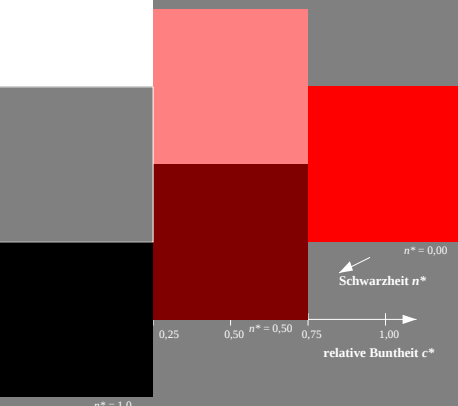
relative Inform. Technology (IT)					
olv3*	1.0	0.5	0.58	(1.0)	
cmyn3*	0.0	0.5	0.342	(0.0)	
olv4*	1.0	0.5	0.58	(1.0)	
cmyn4*	0.0	0.5	0.342	(0.0)	
standard and adapted CIELAB					
LAB*LAB	71.7	33.71	19.13		
LAB*LABa	71.7	34.25	15.97		
LAB*TCMa	75.0	37.79	25.01		
relative CIELAB lab*					
lab*lab	0.694	0.453	0.211		
lab*tch	0.75	0.5	0.069		
lab*nch	0.0	0.5	0.069		
lab*lrj	0.694	0.5	0.003		
lab*tce	0.75	0.5	0.001		
lab*nce	0.0	0.5	0.001		

relative Inform. Technology (IT)					
olv3*	1.0	0.0	0.315	(1.0)	
cmyn3*	0.0	1.0	0.685	(0.0)	
olv4*	1.0	0.0	0.316	(1.0)	
cmyn4*	0.0	1.0	0.684	(0.0)	
standard and adapted CIELAB					
LAB*LAB	48.0	68.42	33.5		
LAB*LABa	48.0	68.49	31.94		
LAB*TCMa	50.0	75.57	25.0		
relative CIELAB lab*					
lab*lab	0.387	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	0.387	1.0	0.007		
lab*tce	0.5	1.0	0.001		
lab*nce	0.0	1.0	0.001		

relative Inform. Technology (IT)					
olv3*	0.0	0.0	0.0	(1.0)	
cmyn3*	1.0	1.0	1.0	(0.0)	
olv4*	1.0	1.0	1.0	(0.0)	
cmyn4*	0.0	0.0	0.0	(1.0)	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	-0.47		
LAB*LABa	18.02	0.0	0.0		
LAB*TCMa	0.01	0.01	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	1.0	-		
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0		
lab*tce	0.0	0.0	-		
lab*nce	1.0	0.0	-		

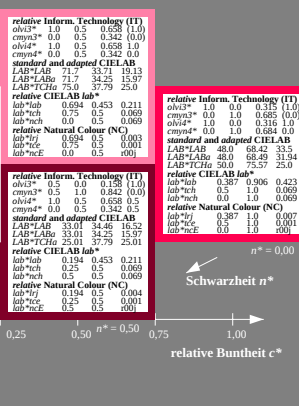
relative Inform. Technology (IT)					
olv3*	0.5	0.0	0.158	(1.0)	
cmyn3*	0.5	1.0	0.842	(0.0)	
olv4*	1.0	0.5	0.658	0.5	
cmyn4*	0.0	0.5	0.342	0.5	
standard and adapted CIELAB					
LAB*LAB	33.01	34.46	16.52		
LAB*LABa	33.01	34.25	15.97		
LAB*TCMa	25.01	37.79	25.01		
relative CIELAB lab*					
lab*lab	0.194	0.453	0.211		
lab*tch	0.25	0.5	0.069		
lab*nch	0.5	0.5	0.069		
relative Natural Colour (NC)					
lab*lrj	0.194	0.5	0.004		
lab*tce	0.25	0.5	0.001		
lab*nce	0.5	0.5	0.001		

relative Inform. Technology (IT)					
olv3*	0.5	0.0	0.158	(1.0)	
cmyn3*	0.5	1.0	0.842	(0.0)	
olv4*	1.0	0.5	0.658	0.5	
cmyn4*	0.0	0.5	0.342	0.5	
standard and adapted CIELAB					
LAB*LAB	33.01	34.46	16.52		
LAB*LABa	33.01	34.25	15.97		
LAB*TCMa	25.01	37.79	25.01		
relative CIELAB lab*					
lab*lab	0.194	0.453	0.211		
lab*tch	0.25	0.5	0.069		
lab*nch	0.5	0.5	0.069		
relative Natural Colour (NC)					
lab*lrj	0.194	0.5	0.004		
lab*tce	0.25	0.5	0.001		
lab*nce	0.5	0.5	0.001		



Schwarzheit n^*

relative Buntheit c^*



Schwarzheit n^*

relative Buntheit c^*

400-7, 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 VG40; Farbmetrik-Systeme CNS18 & ORS18input: olv* setrgbcolor
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input