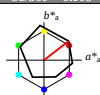


Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$
 lab^*ch und lab^*nch

D65: Buntton O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



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

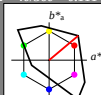
ORS18; adaptierte CIELAB-Daten					
L^*	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _{Ma} 47.94	65.39	50.52	82.63	38	
Y _{Ma} 90.37	-10.26	91.75	92.32	96	
L _{Ma} 50.9	-62.83	34.96	71.91	151	
C _{Ma} 58.62	-30.34	-45.01	54.33	236	
V _{Ma} 25.72	31.1	-44.4	54.22	305	
M _{Ma} 48.13	75.28	-8.36	75.74	354	
N _{Ma} 18.01	0.0	0.0	0.0	0	
W _{Ma} 95.41	0.0	0.0	0.0	0	
R _{CIE} 39.92	58.66	26.98	64.57	25	
J _{CIE} 81.26	-2.16	67.76	67.79	92	
G _{CIE} 52.23	-42.25	11.76	43.87	164	
B _{CIE} 30.57	1.15	-46.84	46.86	271	

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 40/360 = 0.111$
 lab^*ch und lab^*nch

D65: Buntton O
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



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

TLS00; adaptierte CIELAB-Daten					
L^*	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _{Ma} 50.5	76.92	64.55	100.42	40	
Y _{Ma} 92.66	-20.69	90.75	93.08	103	
L _{Ma} 83.63	-82.75	79.9	115.04	136	
V _{Ma} 86.88	-46.16	-13.55	48.12	196	
M _{Ma} 30.39	76.06	-103.59	128.52	306	
N _{Ma} 57.3	94.35	-58.41	110.97	328	
N _{Ma} 0.01	0.0	0.0	0.0	0	
W _{Ma} 95.41	0.0	0.0	0.0	0	
R _{CIE} 39.92	58.74	27.99	65.07	25	
J _{CIE} 81.26	-2.88	71.56	71.62	92	
G _{CIE} 52.23	-42.41	13.6	44.55	162	
B _{CIE} 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*Lab	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*lce	1.0	0.0	-		
lab*nce	0.0	0.0	-		

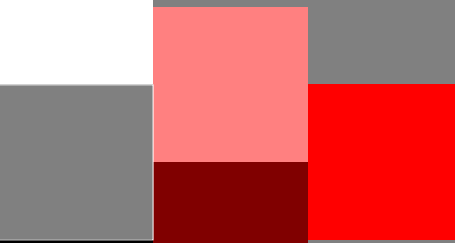
relative Inform. Technology (IT)					
olv3*	1.0	0.5	0.5	(1.0)	
cmyn3*	0.0	0.5	0.5	(0.0)	
olv4*	1.0	0.5	0.5	1.0	
cmyn4*	0.0	0.5	0.5	0.0	
standard and adapted CIELAB					
LAB*LAB	72.95	38.45	32.27		
LAB*Lab	72.95	38.45	32.27		
LAB*TChe	75.0	50.2	40.0		
relative CIELAB lab*					
lab*lab	0.765	0.383	0.321		
lab*ch	0.75	0.5	0.111		
lab*nch	0.0	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	0.121		

relative Inform. Technology (IT)					
olv3*	1.0	0.0	0.0	(1.0)	
cmyn3*	0.0	1.0	1.0	(0.0)	
olv4*	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*Lab	50.5	76.9	64.54		
LAB*TChe	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		
lab*lrj	0.529	0.942	0.325		
lab*lce	0.5	1.0	0.054		
lab*nce	0.0	1.0	0.121		

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*Lab	47.72	0.0	0.0		
LAB*TChe	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	-		

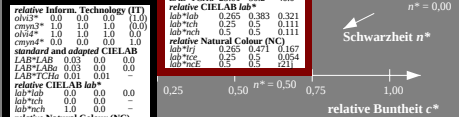
relative Inform. Technology (IT)					
olv3*	0.5	0.0	0.0	(1.0)	
cmyn3*	0.5	1.0	1.0	(0.0)	
olv4*	1.0	0.5	0.5	0.5	
cmyn4*	0.0	0.5	0.5	0.5	
standard and adapted CIELAB					
LAB*LAB	25.26	38.45	32.27		
LAB*Lab	25.26	38.45	32.27		
LAB*TChe	25.01	50.2	40.0		
relative CIELAB lab*					
lab*lab	0.265	0.383	0.321		
lab*ch	0.25	0.5	0.111		
lab*nch	0.0	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	0.121		

relative Inform. Technology (IT)					
olv3*	0.5	0.0	0.0	(1.0)	
cmyn3*	0.5	1.0	1.0	(0.0)	
olv4*	1.0	0.5	0.5	0.5	
cmyn4*	0.0	0.5	0.5	0.5	
standard and adapted CIELAB					
LAB*LAB	0.03	0.0	0.0		
LAB*Lab	0.03	0.0	0.0		
LAB*TChe	0.01	0.01	-		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*ch	0.0	0.0	0.0		
lab*nch	1.0	1.0	-		
lab*lrj	0.0	0.0	0.0		
lab*lce	0.0	0.0	-		
lab*nce	1.0	0.0	-		



Schwarzheit n^*

relative Buntheit c^*



Schwarzheit n^*

relative Buntheit c^*

NG000-7, 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 NG00; Farbmetrik-Systeme ORS18 & TLS00 input: $olv^*setrgbcolor$
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $olv^*setrgbcolor / w^*setgray$