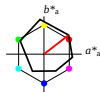


Eingabe: Farbmetrisches Reflexions-System ORS18

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

$u^*_{rel} = 93$

%Regulartät

$g^*_{H,rel} = 57$

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

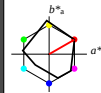
ORS18; adaptierte CIELAB-Daten					
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
Oma	47.94	65.37	50.52	82.62	38
Yma	90.37	-10.27	91.77	92.34	96
Lma	50.9	-62.79	34.95	71.87	151
Cma	58.62	-30.35	-45.01	54.3	236
Vma	25.71	31.11	-44.42	54.24	305
Mma	48.13	75.27	-8.35	75.73	354
Nma	18.01	0.0	0.0	0.0	0
Wma	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
ICIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 30/360 = 0.083$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 57 77 30
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 91$

%Regulartät

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

MRS18; adaptierte CIELAB-Daten					
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
Rma	49.63	66.96	38.37	77.18	30
Yma	90.7	-6.36	88.75	88.98	94
Jma	52.11	-69.73	9.44	70.37	172
G50Bma	45.03	-36.57	-28.47	46.36	218
Bma	36.65	23.19	-63.05	67.18	290
B50Rma	34.94	57.17	-44.26	72.31	322
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	64.56	25
ICIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	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	-0.97	4.75		
LAB^*LABa	95.41	0.0	0.0		
LAB^*TChA	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^*trj	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	0.5	(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	72.52	23.93	22.4		
LAB^*LABa	72.52	33.47	19.18		
LAB^*TChA	75.0	38.58	29.82		
relative CIELAB lab*					
lab^*lab	0.704	0.434	0.249		
lab^*tch	0.75	0.5	0.083		
lab^*nch	0.0	0.5	0.083		
relative Natural Colour (NC)					
lab^*trj	0.704	0.496	0.06		
lab^*tce	0.75	0.5	0.019		
lab^*nce	0.0	0.5	0.071		

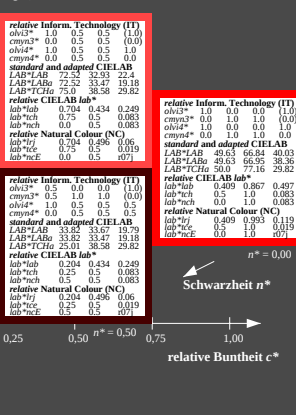
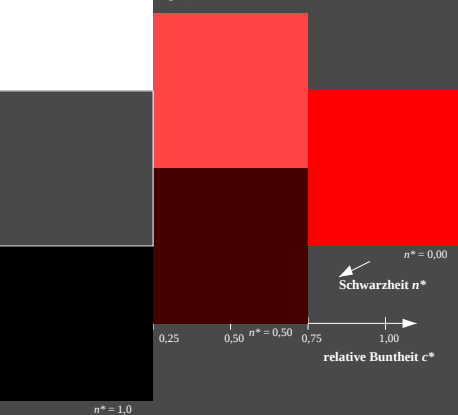
relative Inform. Technology (IT)					
$olv3^*$	1.0	0.0	0.0	(1.0)	
$cmyn3^*$	0.0	1.0	1.0	(0.0)	
$olv4^*$	1.0	0.0	0.0	1.0	
$cmyn4^*$	0.0	1.0	1.0	0.0	
standard and adapted CIELAB					
LAB^*LAB	49.63	66.84	40.03		
LAB^*LABa	49.63	66.95	38.36		
LAB^*TChA	50.0	77.16	29.82		
relative CIELAB lab*					
lab^*lab	0.409	0.867	0.497		
lab^*tch	0.409	0.993	0.119		
lab^*nch	0.0	1.0	0.083		
relative Natural Colour (NC)					
lab^*trj	0.409	0.993	0.119		
lab^*tce	0.5	1.0	0.019		
lab^*nce	0.0	1.0	0.071		

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	56.71	-0.23	2.14		
LAB^*LABa	56.71	0.0	0.0		
LAB^*TChA	50.0	0.01	-		
relative CIELAB lab*					
lab^*lab	0.5	0.0	0.0		
lab^*tch	0.5	0.0	0.0		
lab^*nch	0.5	0.0	-		
relative Natural Colour (NC)					
lab^*trj	0.5	0.0	0.0		
lab^*tce	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	33.85	33.67	19.79		
LAB^*LABa	33.82	33.47	19.18		
LAB^*TChA	25.01	38.58	29.82		
relative CIELAB lab*					
lab^*lab	0.204	0.434	0.249		
lab^*tch	0.25	0.5	0.083		
lab^*nch	0.5	1.0	0.083		
relative Natural Colour (NC)					
lab^*trj	0.204	0.496	0.06		
lab^*tce	0.25	0.5	0.019		
lab^*nce	0.5	0.5	0.071		

relative Inform. Technology (IT)					
$olv3^*$	0.0	0.0	0.0	(0.0)	
$cmyn3^*$	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	-0.46		
LAB^*LABa	18.02	0.0	0.0		
LAB^*TChA	0.01	0.01	-		
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^*trj	0.0	0.0	0.0		
lab^*tce	0.0	0.0	-		
lab^*nce	1.0	0.0	-		

relative Inform. Technology (IT)					
$olv3^*$	0.0	0.0	0.0	(0.0)	
$cmyn3^*$	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	-0.46		
LAB^*LABa	18.02	0.0	0.0		
LAB^*TChA	0.01	0.01	-		
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^*trj	0.0	0.0	0.0		
lab^*tce	0.0	0.0	-		
lab^*nce	1.0	0.0	-		



0000-7, 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

3 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (rechts)

BAM-Prüfvorlage TG00; Farbmetrik-Systeme ORS18 & MRS18input: $olv^*setrgbcolor$
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $olv^*setrgbcolor$ / $w^*setgray$