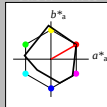


Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = \text{lab}^*h = 30/360 = 0.083$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 50 77 30
ol*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit i^*



%Umfang
 $u^*_{rel} = 91$
%Regularität
 $g^*_{H,rel} = 41$
 $g^*_{C,rel} = 52$

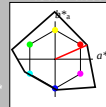
MRS18; adaptierte CIELAB-Daten									
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$				
RMa	49.63	66.96	38.37	77.18	30				
GMa	90.7	-6.36	88.75	88.98	94				
GMa	52.11	-69.73	9.44	70.37	172				
G50BMa	45.03	-36.57	-28.47	46.36	218				
BMa	36.65	23.19	-63.05	67.18	290				
B50RMa	34.94	57.17	-44.26	72.31	322				
NMa	18.01	0.0	0.0	0.0	0				
NMa	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 NCS11

für Buntton $h^* = \text{lab}^*h = 24/360 = 0.066$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 47 92 24
ol*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit i^*



%Umfang
 $u^*_{rel} = 149$
%Regularität
 $g^*_{H,rel} = 46$
 $g^*_{C,rel} = 65$

NCS11; adaptierte CIELAB-Daten									
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$				
RMa	47.15	84.64	37.25	92.48	24				
GMa	91.37	-1.27	125.03	125.03	91				
GMa	63.07	-114.28	25.35	117.06	167				
G50BMa	59.47	-80.6	-33.45	87.28	203				
BMa	49.01	3.65	-81.19	81.28	273				
B50RMa	44.06	106.09	-73.93	129.32	325				
NMa	10.99	0.0	0.0	0.0	0				
NMa	95.41	0.0	0.0	0.0	0				
RCIE	39.92	58.69	27.98	65.01	25				
ICIE	81.26	-2.9	71.56	71.62	92				
GCIE	52.23	-42.45	13.59	44.59	162				
BCIE	30.57	1.35	-46.48	46.51	272				

relative Inform. Technology (IT)
ol*3* 1.0 1.0 1.0 (1.0)
cm*3* 0.0 0.0 0.0 (0.0)
ol*4* 1.0 1.0 1.0 (1.0)
cm*4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 -0.01
LAB*Lab 95.41 0.0 0.0
LAB*TChe 99.99 0.01 -

relative Inform. Technology (IT)
ol*3* 1.0 0.5 0.5 (1.0)
cm*3* 0.5 0.5 0.5 (0.0)
ol*4* 1.0 1.0 1.0 (1.0)
cm*4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*Lab 53.21 0.0 0.0
LAB*TChe 50.0 0.01 -

relative Inform. Technology (IT)
ol*3* 0.0 0.0 0.0 (1.0)
cm*3* 1.0 1.0 1.0 (0.0)
ol*4* 1.0 1.0 1.0 (1.0)
cm*4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.0 0.0
LAB*TChe 0.01 0.01 -

relative Inform. Technology (IT)
ol*3* 1.0 0.5 0.5 (1.0)
cm*3* 0.0 0.5 0.5 (0.0)
ol*4* 1.0 0.5 0.5 (1.0)
cm*4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.27 42.34 18.63
LAB*Lab 71.27 42.34 18.62
LAB*TChe 75.0 46.23 23.75

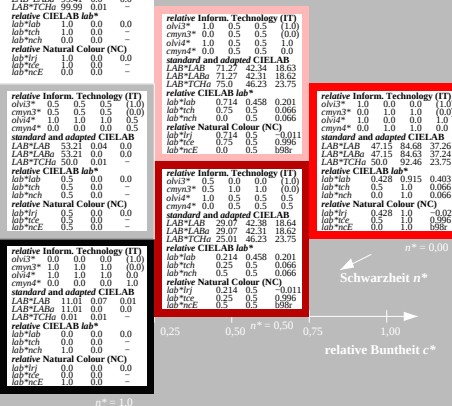
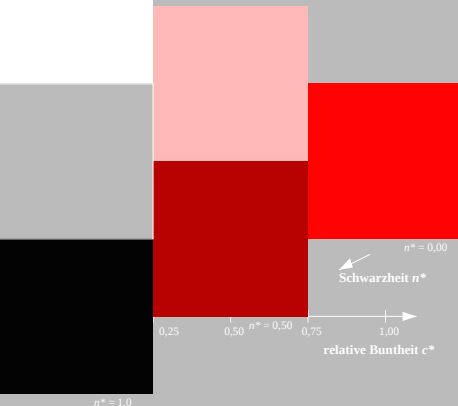
relative Inform. Technology (IT)
ol*3* 0.5 0.0 0.0 (1.0)
cm*3* 0.5 1.0 1.0 (0.0)
ol*4* 1.0 0.5 0.5 (1.0)
cm*4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 29.07 42.38 18.64
LAB*Lab 29.07 42.31 18.62
LAB*TChe 25.01 46.23 23.75

relative Inform. Technology (IT)
ol*3* 0.214 0.458 0.201
cm*3* 0.25 0.5 0.066
ol*4* 1.0 0.5 0.5 (1.0)
cm*4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 25.01 46.23 23.75
LAB*Lab 25.01 46.23 23.75
LAB*TChe 25.01 46.23 23.75

relative Inform. Technology (IT)
ol*3* 1.0 0.0 0.0 (1.0)
cm*3* 0.0 1.0 1.0 (0.0)
ol*4* 1.0 0.0 0.0 (1.0)
cm*4* 0.0 1.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.15 84.68 37.26
LAB*Lab 47.15 84.63 37.24
LAB*TChe 50.0 92.46 23.75

relative Inform. Technology (IT)
ol*3* 0.428 1.0 0.023
cm*3* 0.5 1.0 0.996
ol*4* 0.0 1.0 0.998
cm*4* 0.0 1.0 0.998

relative Inform. Technology (IT)
ol*3* 0.214 0.458 0.201
cm*3* 0.25 0.5 0.066
ol*4* 1.0 0.5 0.5 (1.0)
cm*4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 25.01 46.23 23.75
LAB*Lab 25.01 46.23 23.75
LAB*TChe 25.01 46.23 23.75



UG030-7, 3-stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

3-stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (rechts)

BAM-Prüfvorlage UG03; Farbmetrik-Systeme MRS18 & NCS11input: `cm*0* setcmkcolor`

D65: 3stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: `ol*0* setqgcolor / w* setgray`