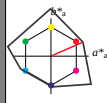


Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 24/360 = 0.066$
 lab^*ch und lab^*nch

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

Dreiecks-Helligkeit t^*



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

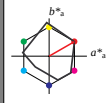
NCS11; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
GMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50BMa	59.47	-80.6	-33.45	87.28	203
BMa	49.01	3.65	-81.19	81.28	273
B50RMa	44.06	106.09	-73.93	129.32	325
NMa	10.99	0.0	0.0	0.0	0
WMa	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

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 70 30
ol*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



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

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	73.31	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)					
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	-0.97	4.75		
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)					
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	72.52	32.93	22.4		
LAB*Lab	72.52	33.47	19.18		
LAB*TChe	75.0	38.58	29.82		
relative CIELAB lab*					
lab*lab	0.704	0.434	0.249		
lab*ch	0.75	0.5	0.083		
lab*nch	0.0	0.5	0.083		
lab*lrj	0.704	0.496	0.06		
lab*lce	0.75	0.5	0.019		
lab*nce	0.0	0.5	0.071		

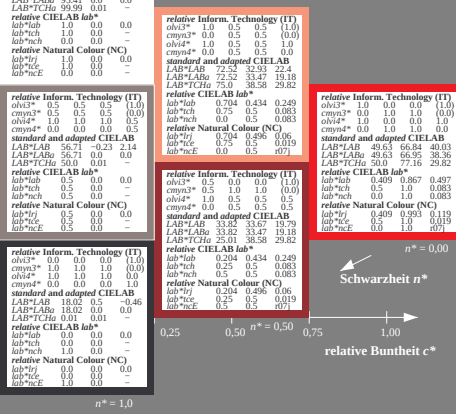
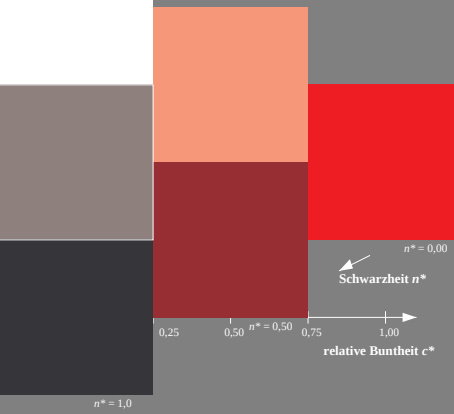
relative Inform. Technology (IT)					
ol*3*	1.0	0.0	1.0	(1.0)	
cm*3*	0.0	1.0	0.0	(0.0)	
ol*4*	1.0	0.0	0.0	1.0	
cm*4*	0.0	1.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	49.63	66.84	40.03		
LAB*Lab	49.63	66.95	38.36		
LAB*TChe	50.0	77.16	29.82		
relative CIELAB lab*					
lab*lab	0.409	0.867	0.497		
lab*ch	0.409	0.993	0.119		
lab*nch	0.0	1.0	0.083		
lab*lrj	0.409	0.993	0.119		
lab*lce	0.5	1.0	0.019		
lab*nce	0.0	1.0	0.071		

relative Inform. Technology (IT)					
ol*3*	0.5	0.5	0.5	(1.0)	
cm*3*	0.0	0.0	0.0	(0.0)	
ol*4*	1.0	1.0	1.0	0.5	
cm*4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	56.71	-0.23	2.14		
LAB*Lab	56.71	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)					
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	0.5	
cm*4*	0.0	0.5	0.5	0.5	
standard and adapted CIELAB					
LAB*LAB	33.83	33.67	19.79		
LAB*Lab	33.82	33.47	19.18		
LAB*TChe	25.01	38.58	29.82		
relative CIELAB lab*					
lab*lab	0.204	0.434	0.249		
lab*ch	0.25	0.5	0.083		
lab*nch	0.5	0.5	0.083		
lab*lrj	0.204	0.496	0.06		
lab*lce	0.25	0.5	0.019		
lab*nce	0.5	0.5	0.071		

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	0.5	
cm*4*	0.0	0.5	0.5	0.5	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	-0.46		
LAB*Lab	18.02	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	-		
lab*nch	1.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0		
lab*lce	0.0	0.0	-		
lab*nce	1.0	0.0	-		

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	0.0	
cm*4*	0.0	0.0	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	-0.46		
LAB*Lab	18.02	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	-		
lab*nch	1.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0		
lab*lce	0.0	0.0	-		
lab*nce	1.0	0.0	-		



UG080-7, 3 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (links)

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

BAM-Prüfvorlage UG08; Farbmetrik-Systeme NCS11a & MRS18bput: cmy0* setcmykcolor
D65: 3stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: no change compared to input