

Eingabe: Farbmimetrisches Reflexions-System MRS18
für Buntton $h^* = \text{lab}^*h = 30/360 = 0.083$
 lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

1,00

%Umfang
 $u^*_{rel} = 91$

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

%Schwarzheit $n^* = 0,00$

%relative Buntheit $c^* = 0,25$

%relative Buntheit $c^* = 0,50$

%relative Buntheit $c^* = 0,75$

%relative Buntheit $c^* = 1,00$

%relative Buntheit $c^* = 1,25$

%relative Buntheit $c^* = 1,50$

%relative Buntheit $c^* = 1,75$

%relative Buntheit $c^* = 2,00$

%relative Buntheit $c^* = 2,25$

%relative Buntheit $c^* = 2,50$

%relative Buntheit $c^* = 2,75$

%relative Buntheit $c^* = 3,00$

%relative Buntheit $c^* = 3,25$

%relative Buntheit $c^* = 3,50$

%relative Buntheit $c^* = 3,75$

%relative Buntheit $c^* = 4,00$

%relative Buntheit $c^* = 4,25$

%relative Buntheit $c^* = 4,50$

%relative Buntheit $c^* = 4,75$

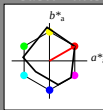
%relative Buntheit $c^* = 5,00$

%relative Buntheit $c^* = 5,25$

%relative Buntheit $c^* = 5,50$

%relative Buntheit $c^* = 5,75$

%relative Buntheit $c^* = 6,00$



MRS18; adaptierte CIELAB-Daten
 $L^* = L^*_a \ a^*_a \ b^*_a \ C^*_{ab} \ h^*_a$

	L^*_a	a^*_a	b^*_a	C^*_{ab}	h^*_a
R _{Ma}	49.63	66.96	38.37	77.18	30
J _{Ma}	90.7	-6.36	88.75	88.98	94
G _{Ma}	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
W _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CI}	39.92	58.66	26.98	64.56	25
J _{CI}	81.26	-2.17	67.76	67.79	92
G _{CI}	52.23	-42.26	11.75	43.87	164
B _{CI}	30.57	1.15	-46.84	46.87	271

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

%Schwarzheit $n^* = 0,00$

%relative Buntheit $c^* = 0,25$

%relative Buntheit $c^* = 0,50$

%relative Buntheit $c^* = 0,75$

%relative Buntheit $c^* = 1,00$

%relative Buntheit $c^* = 1,25$

%relative Buntheit $c^* = 1,50$

%relative Buntheit $c^* = 1,75$

%relative Buntheit $c^* = 2,00$

%relative Buntheit $c^* = 2,25$

%relative Buntheit $c^* = 2,50$

%relative Buntheit $c^* = 2,75$

%relative Buntheit $c^* = 3,00$

%relative Buntheit $c^* = 3,25$

%relative Buntheit $c^* = 3,50$

%relative Buntheit $c^* = 3,75$

%relative Buntheit $c^* = 4,00$

%relative Buntheit $c^* = 4,25$

%relative Buntheit $c^* = 4,50$

%relative Buntheit $c^* = 4,75$

%relative Buntheit $c^* = 5,00$

%relative Buntheit $c^* = 5,25$

%relative Buntheit $c^* = 5,50$

%relative Buntheit $c^* = 5,75$

%relative Buntheit $c^* = 6,00$

Ausgabe: Farbmimetrisches Reflexions-System NCS11
für Buntton $h^* = \text{lab}^*h = 24/360 = 0.066$
 lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

1,00

%Umfang
 $u^*_{rel} = 149$

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

%Schwarzheit $n^* = 0,00$

%relative Buntheit $c^* = 0,25$

%relative Buntheit $c^* = 0,50$

%relative Buntheit $c^* = 0,75$

%relative Buntheit $c^* = 1,00$

%relative Buntheit $c^* = 1,25$

%relative Buntheit $c^* = 1,50$

%relative Buntheit $c^* = 1,75$

%relative Buntheit $c^* = 2,00$

%relative Buntheit $c^* = 2,25$

%relative Buntheit $c^* = 2,50$

%relative Buntheit $c^* = 2,75$

%relative Buntheit $c^* = 3,00$

%relative Buntheit $c^* = 3,25$

%relative Buntheit $c^* = 3,50$

%relative Buntheit $c^* = 3,75$

%relative Buntheit $c^* = 4,00$

%relative Buntheit $c^* = 4,25$

%relative Buntheit $c^* = 4,50$

%relative Buntheit $c^* = 4,75$

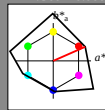
%relative Buntheit $c^* = 5,00$

%relative Buntheit $c^* = 5,25$

%relative Buntheit $c^* = 5,50$

%relative Buntheit $c^* = 5,75$

%relative Buntheit $c^* = 6,00$



NCS11; adaptierte CIELAB-Daten
 $L^* = L^*_a \ a^*_a \ b^*_a \ C^*_{ab} \ h^*_a$

	L^*_a	a^*_a	b^*_a	C^*_{ab}	h^*_a
R _{Ma}	47.15	84.64	37.25	92.48	24
J _{Ma}	91.37	-1.27	125.03	125.03	91
G _{Ma}	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
W _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CI}	39.92	58.69	27.98	65.01	25
J _{CI}	81.26	-2.9	71.56	71.62	92
G _{CI}	52.23	-42.45	13.99	44.59	162
B _{CI}	30.57	1.35	-46.48	46.51	272

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

%Schwarzheit $n^* = 0,00$

%relative Buntheit $c^* = 0,25$

%relative Buntheit $c^* = 0,50$

%relative Buntheit $c^* = 0,75$

%relative Buntheit $c^* = 1,00$

%relative Buntheit $c^* = 1,25$

%relative Buntheit $c^* = 1,50$

%relative Buntheit $c^* = 1,75$

%relative Buntheit $c^* = 2,00$

%relative Buntheit $c^* = 2,25$

%relative Buntheit $c^* = 2,50$

%relative Buntheit $c^* = 2,75$

%relative Buntheit $c^* = 3,00$

%relative Buntheit $c^* = 3,25$

%relative Buntheit $c^* = 3,50$

%relative Buntheit $c^* = 3,75$

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%relative Buntheit $c^* = 4,50$

%relative Buntheit $c^* = 4,75$

%relative Buntheit $c^* = 5,00$

%relative Buntheit $c^* = 5,25$

%relative Buntheit $c^* = 5,50$

%relative Buntheit $c^* = 5,75$

%relative Buntheit $c^* = 6,00$

UG430-7, 5stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

5stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (rechts)

BAM-Prüfvorlage UG43; Farbmeter-Systeme MRS18 & NCS11input: cmy0* setcmykcolor

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: olv* setrgbcolor / w* setgray