

Eingabe: Farbmetrisches Reflexions-System NRS11

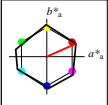
für Buntton  $h^* = lab^*h = 24/360 = 0.067$

LAB\*LCH, LAB\*NCH

D65: Buntton R

LCH\*Ma: 53 84 24

olv\*Ma: 1.0 0.0 0.0



NRS11; adaptierte CIELAB-Daten

	$L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
R <sub>Ma</sub>	53.2	77.06	34.32	84.36	24
Y <sub>Ma</sub>	53.2	-1.51	84.38	84.39	91
G <sub>Ma</sub>	53.2	-82.27	18.98	84.44	167
G50B <sub>Ma</sub>	53.2	-77.72	-32.98	84.44	203
B <sub>Ma</sub>	53.2	4.37	-84.28	84.41	273
B50R <sub>Ma</sub>	53.2	69.09	-48.41	84.37	325
N <sub>Ma</sub>	10.99	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.69	27.98	65.01	25
J <sub>CIE</sub>	81.26	-2.9	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.45	13.59	44.59	162
B <sub>CIE</sub>	30.57	1.35	-46.48	46.51	272

CIELAB-Helligkeit  $L^*$

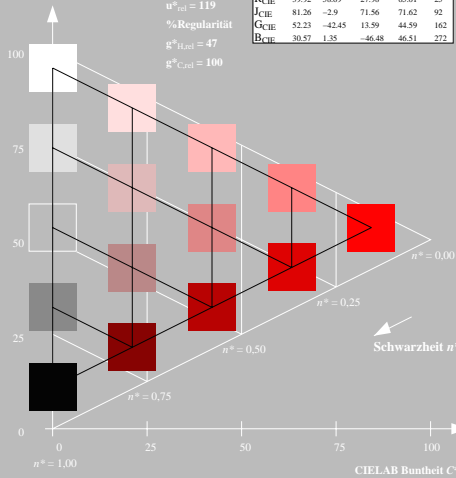
%Umfang

$u^*_{rel} = 119$

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$



Ausgabe: Farbmetrisches Reflexions-System ORS18

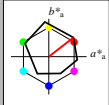
für Buntton  $h^* = lab^*h = 38/360 = 0.105$

LAB\*LCH, LAB\*NCH

D65: Buntton O

LCH\*Ma: 48 83 38

olv\*Ma: 1.0 0.0 0.0



ORS18; adaptierte CIELAB-Daten

	$L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>Ma</sub>	47.94	65.37	50.52	82.62	38
Y <sub>Ma</sub>	90.37	-10.27	91.77	92.34	96
L <sub>Ma</sub>	50.9	-62.79	34.95	71.87	151
C <sub>Ma</sub>	58.62	-30.35	-45.01	54.3	236
V <sub>Ma</sub>	25.71	31.11	-44.42	54.24	305
M <sub>Ma</sub>	48.13	75.27	-8.35	75.73	354
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.66	26.98	64.56	25
J <sub>CIE</sub>	81.26	-2.17	67.76	67.79	92
G <sub>CIE</sub>	52.23	-42.26	11.75	43.87	164
B <sub>CIE</sub>	30.57	1.15	-46.84	46.87	271

CIELAB-Helligkeit  $L^*$

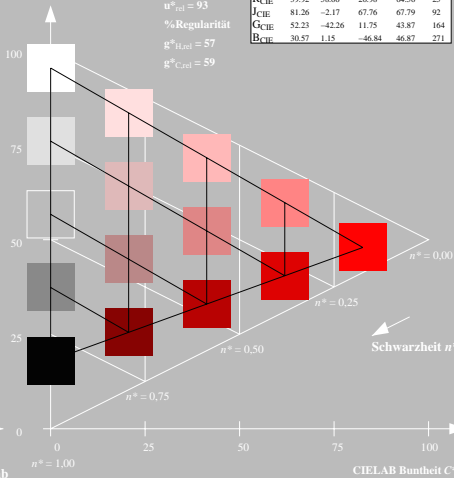
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



TG370-7, 5-stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.067 (links)

5-stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (rechts)

BAM-Prüfvorlage TG37; Farbmetrik-Systeme NRS11 & ORS18 input: olv\* setrgbcolor  
 D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Buntton output: olv\* setrgbcolor / w\* setgray