

# Eingabe: Farbmetrisches Reflexions-System MRS18

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

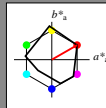
$lab^*ch$  und  $lab^*nch$

D65: Buntton R

LCH\*Ma: 50 77 30

rgb\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 91$

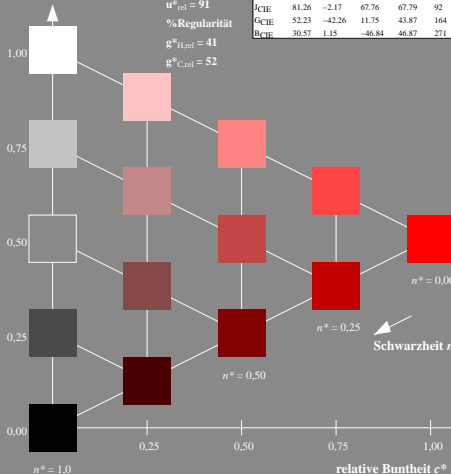
%Regularität

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

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

## MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
R <sub>Ma</sub>	49.63	66.96	38.37	77.18	30	
J <sub>Ma</sub>	90.7	-6.36	88.75	88.98	94	
G <sub>Ma</sub>	52.11	-69.73	9.44	70.37	172	
G50B <sub>Ma</sub>	45.03	-36.57	-28.47	46.36	218	
B <sub>Ma</sub>	36.65	23.19	-63.05	67.18	290	
B50R <sub>Ma</sub>	34.94	57.17	-44.26	72.31	322	
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	



UG230-7, 5 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

# Ausgabe: Farbmetrisches Reflexions-System NCS11

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

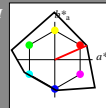
$LAB^*LCH$ ,  $LAB^*NCH$

D65: Buntton R

LCH\*Ma: 47 92 24

rgb\*Ma: 1.0 0.0 0.0

CIELAB-Helligkeit  $L^*$



%Umfang

$u^*_{rel} = 149$

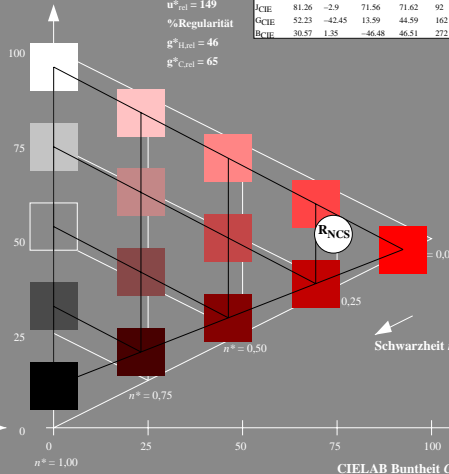
%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

## NCS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
R <sub>Ma</sub>	47.15	84.64	37.25	92.48	24	
J <sub>Ma</sub>	91.37	-1.27	125.03	125.03	91	
G <sub>Ma</sub>	63.07	-114.28	25.35	117.06	167	
G50B <sub>Ma</sub>	59.47	-80.6	-33.45	87.28	203	
B <sub>Ma</sub>	49.01	3.65	-81.19	81.28	273	
B50R <sub>Ma</sub>	44.06	106.09	-73.93	129.32	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	13.99	44.59	162	
B <sub>CIE</sub>	30.57	1.35	-46.48	46.51	272	



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

BAM-Prüfvorlage UG23; Farbmetrik-Systeme MRS18 & NCS11

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttonen

input: cmy0\* setcmykcolor

input: olv\* setrgbcolor / w\* setgray