

# Eingabe: Farbmetrisches Reflexions-System MRS18

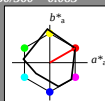
für Buntton  $h^* = lab^*h = 30/360 = 0.083$

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

D65: Buntton R

LCH\*Ma: 50 77 30

rgb\*Ma: 1.0 0.0 0.0



## 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          |

Dreiecks-Helligkeit  $t^*$

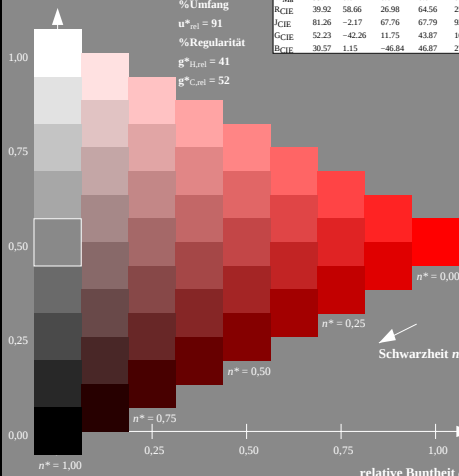
%Umfang

$u^*_{rel} = 91$

%Regularität

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

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



# Ausgabe: Farbmetrisches Reflexions-System NCS11

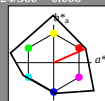
für Buntton  $h^* = lab^*h = 24/360 = 0.066$

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

D65: Buntton R

LCH\*Ma: 47 92 24

rgb\*Ma: 1.0 0.0 0.0



## 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          |

Dreiecks-Helligkeit  $t^*$

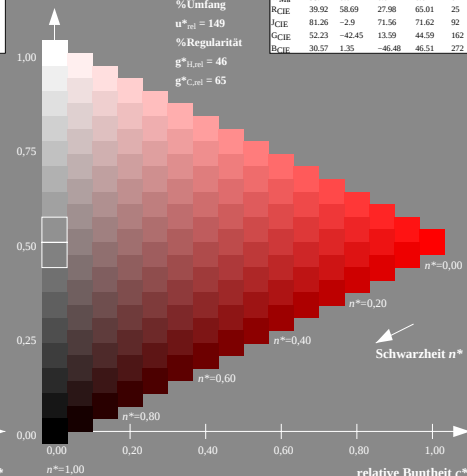
%Umfang

$u^*_{rel} = 149$

%Regularität

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

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



TG930-7, 9stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

16stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (rechts)

BAM-Prüfvorlage TG93; Farbmetrik-Systeme MRS18 & NCS11  
D65: 9 und 16stufige Farbreihen für 10 Bunttöne

input: `olv* setrgbcolor`  
output: `olv* setrgbcolor / w* setgray`