

Eingabe: Farbmetrisches Reflexions-System ORS18

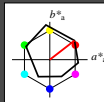
für Buntton $h^* = lab^*h = 38/360 = 0.105$

lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

rgb*Ma: 1.0 0.0 0.0



Dreiecks-Helligkeit t^*

%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

ORS18; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O _{Ma} | 47.94 | 65.37 | 50.52 | 82.62 | 38 |
| Y _{Ma} | 90.37 | -10.27 | 91.77 | 92.34 | 96 |
| L _{Ma} | 50.9 | -62.79 | 34.95 | 71.87 | 151 |
| C _{Ma} | 58.62 | -30.35 | -45.01 | 54.3 | 236 |
| V _{Ma} | 25.71 | 31.11 | -44.42 | 54.24 | 305 |
| M _{Ma} | 48.13 | 75.27 | -8.35 | 75.73 | 354 |
| N _{Ma} | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _{Ma} | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.66 | 26.98 | 64.56 | 25 |
| J _{CIE} | 81.26 | -2.17 | 67.76 | 67.79 | 92 |
| G _{CIE} | 52.23 | -42.26 | 11.75 | 43.87 | 162 |
| B _{CIE} | 30.57 | 1.15 | -46.84 | 46.87 | 271 |

Ausgabe: Farbmetrisches Reflexions-System NRS11

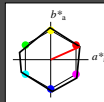
für Buntton $h^* = lab^*h = 24/360 = 0.067$

lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 53 84 24

rgb*Ma: 1.0 0.0 0.0



Dreiecks-Helligkeit t^*

%Umfang

$u^*_{rel} = 119$

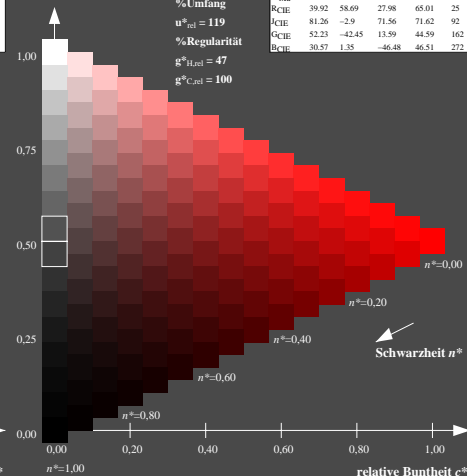
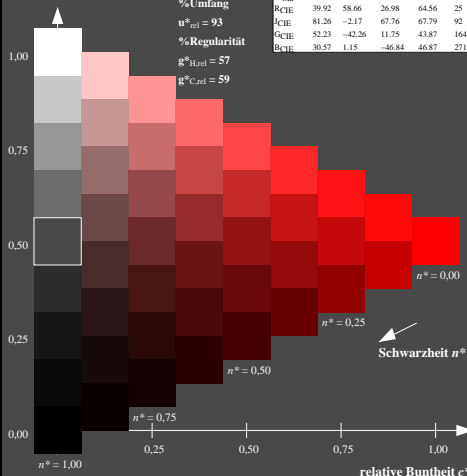
%Regularität

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

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

NRS11; adaptierte CIELAB-Daten

| | $L^*=L^*_a$ | a^*_a | b^*_a | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------------|-------------|---------|---------|--------------|--------------|
| R _{Ma} | 53.2 | 77.06 | 34.32 | 84.36 | 24 |
| J _{Ma} | 53.2 | -1.51 | 84.38 | 84.39 | 91 |
| G _{Ma} | 53.2 | -82.27 | 18.98 | 84.44 | 167 |
| G _{50B} Ma | 53.2 | -77.72 | -32.98 | 84.44 | 203 |
| B _{Ma} | 53.2 | 4.37 | -84.28 | 84.41 | 273 |
| B _{50R} Ma | 53.2 | 69.09 | -48.41 | 84.37 | 325 |
| N _{Ma} | 10.99 | 0.0 | 0.0 | 0.0 | 0 |
| W _{Ma} | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.69 | 27.98 | 65.01 | 25 |
| J _{CIE} | 81.26 | -2.9 | 71.56 | 71.62 | 92 |
| G _{CIE} | 52.23 | -42.45 | 13.99 | 44.59 | 162 |
| B _{CIE} | 30.57 | 1.35 | -46.48 | 46.51 | 272 |



UG92=7, 9stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

16stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.067 (rechts)

BAM-Prüfvorlage UG92; Farbmetrik-Systeme ORS18 & NRS11input: cmy0* setcmykcolor
D65: 9 und 16stufige Farbreihen für 10 Bunttöne

output: olv* setrgbcolor / w* setgray