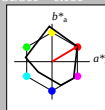


Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton  $h^* = lab^*h = 31/360 = 0.086$   
 $lab^*ch$  und  $lab^*nch$

D65: Buntton R  
LCH\*Ma: 50 78 31  
rgb\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 92$

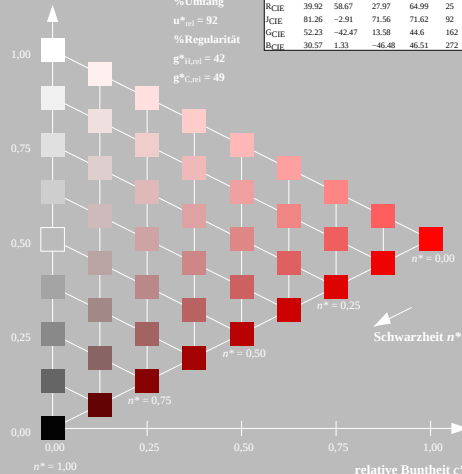
%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

MRS18a; adaptierte CIELAB-Daten

|        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------------|---------|---------|--------------|--------------|
| RMa    | 49.63       | 66.8    | 40.02   | 77.87        | 31           |
| YMa    | 90.7        | -7.27   | 93.19   | 93.48        | 94           |
| GMa    | 52.11       | -69.93  | 11.26   | 70.85        | 171          |
| G50BMa | 45.03       | -36.65  | -27.13  | 45.61        | 217          |
| BMa    | 36.65       | 23.26   | -62.27  | 66.49        | 290          |
| B50RMa | 34.94       | 57.27   | -43.6   | 71.99        | 323          |
| NMa    | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| WMa    | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| RCIE   | 39.92       | 58.67   | 27.97   | 64.99        | 25           |
| ICIE   | 81.26       | -2.91   | 71.56   | 71.62        | 92           |
| GCIE   | 52.23       | -42.47  | 13.58   | 44.6         | 162          |
| BCIE   | 30.57       | 1.33    | -46.48  | 46.51        | 272          |



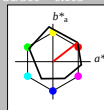
relative Buntheit  $c^*$

Ausgabe: 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

$u^*_{rel} = 93$

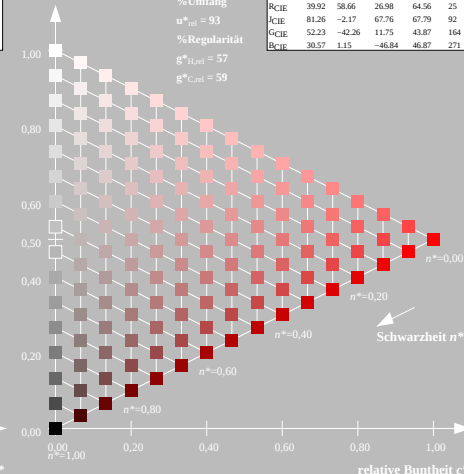
%Regularität

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

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

ORS18; adaptierte CIELAB-Daten

|      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------|-------------|---------|---------|--------------|--------------|
| OMa  | 47.94       | 65.37   | 50.52   | 82.62        | 38           |
| YMa  | 90.37       | -10.27  | 91.77   | 92.34        | 96           |
| LMa  | 50.9        | -62.79  | 34.95   | 71.87        | 151          |
| CMa  | 58.62       | -30.35  | -45.01  | 54.3         | 236          |
| VMa  | 25.71       | 31.11   | -44.42  | 54.24        | 305          |
| NMa  | 48.13       | 75.27   | -8.35   | 75.73        | 354          |
| WMa  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| RCIE | 39.92       | 58.66   | 26.98   | 64.56        | 25           |
| ICIE | 81.26       | -2.17   | 67.76   | 67.79        | 92           |
| GCIE | 52.23       | -42.26  | 11.75   | 43.87        | 164          |
| BCIE | 30.57       | 1.15    | -46.84  | 46.87        | 271          |



relative Buntheit  $c^*$

TG76-7, 9stufige Reihen für konstanten CIELAB Buntton 31/360 = 0.086 (links)

16stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (rechts)

BAM-Prüfvorlage TG76; Farbmetrik-Systeme MRS18a & ORS18  
D65: 9 und 16stufige Farbreihen für 10 Bunttöne

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