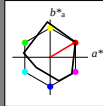


### Eingabe: Farbmimetrisches Reflexions-System MRS18a

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

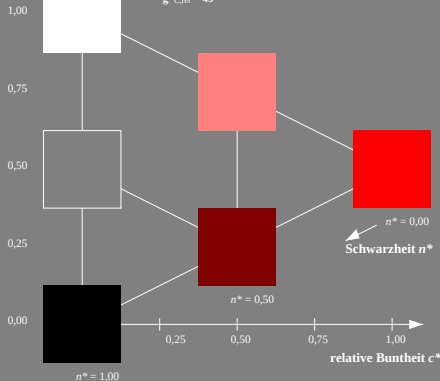
D65: Buntton R  
LCH\*Ma: 50 78 31  
rgb\*Ma: 1.0 0.0 0.0

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           |  |
| GMa                             | 90.7        | -7.27   | 93.19   | 93.48        | 94           |  |
| G50BMa                          | 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            |  |
| RCE                             | 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          |  |

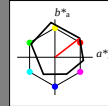


### Ausgabe: Farbmimetrisches Reflexions-System ORS18

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

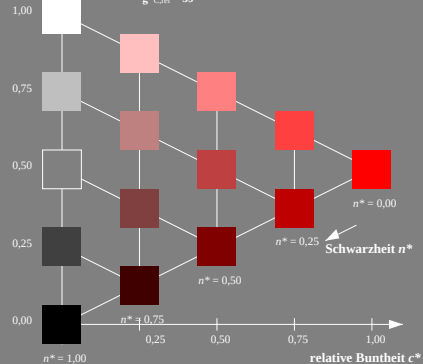
D65: Buntton O  
LCH\*Ma: 48 83 38  
rgb\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 93$   
%Regularität  
 $g^*_{H,rel} = 57$   
 $g^*_{C,rel} = 59$

| ORS18; adaptierte CIELAB-Daten |             |         |         |              |              |  |
|--------------------------------|-------------|---------|---------|--------------|--------------|--|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |  |
| RMa                            | 47.94       | 65.37   | 50.52   | 82.62        | 38           |  |
| GMa                            | 90.37       | -10.27  | 91.77   | 92.34        | 96           |  |
| GMa                            | 50.9        | -62.79  | 34.95   | 71.87        | 151          |  |
| G50BMa                         | 58.62       | -30.35  | -45.01  | 54.3         | 236          |  |
| BMa                            | 25.71       | 31.11   | -44.42  | 54.24        | 305          |  |
| B50RMa                         | 48.13       | 75.27   | -8.35   | 75.73        | 354          |  |
| NMa                            | 18.01       | 0.0     | 0.0     | 0.0          | 0            |  |
| WMa                            | 95.41       | 0.0     | 0.0     | 0.0          | 0            |  |
| RCE                            | 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          |  |



TG66-7, 3stufige Reihen für konstanten CIELAB Buntton 31/360 = 0.086 (links)

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

BAM-Prüfvorlage TG66; Farbmimetrische Systeme MRS18a & ORS18  
D65: 3 und 5stufige Farbreihen für 10 Bunttöne

input: olv\* setrgbcolor  
output: no change compared to input