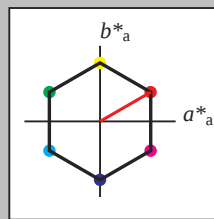


### Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

D65: Buntton O  
LCH\*Ma: 57 77 30  
olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$   
%Regularität  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

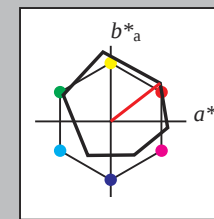
| SRS18; adaptierte CIELAB-Daten |         |         |              |              |     |
|--------------------------------|---------|---------|--------------|--------------|-----|
| $L^*=L^*_a$                    | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |     |
| OMa                            | 56.71   | 67.03   | 38.7         | 77.4         | 30  |
| YMa                            | 56.71   | 0.0     | 77.4         | 77.4         | 90  |
| LMa                            | 56.71   | -67.02  | 38.7         | 77.4         | 150 |
| CMa                            | 56.71   | -67.02  | -38.69       | 77.4         | 210 |
| VMa                            | 56.71   | 0.0     | -77.39       | 77.4         | 270 |
| MMa                            | 56.71   | 67.03   | -38.69       | 77.4         | 330 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.74   | 27.99        | 65.07        | 25  |
| JCIE                           | 81.26   | -2.88   | 71.56        | 71.62        | 92  |
| GCIE                           | 52.23   | -42.41  | 13.6         | 44.55        | 162 |
| BCIE                           | 30.57   | 1.41    | -46.46       | 46.49        | 272 |

### Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

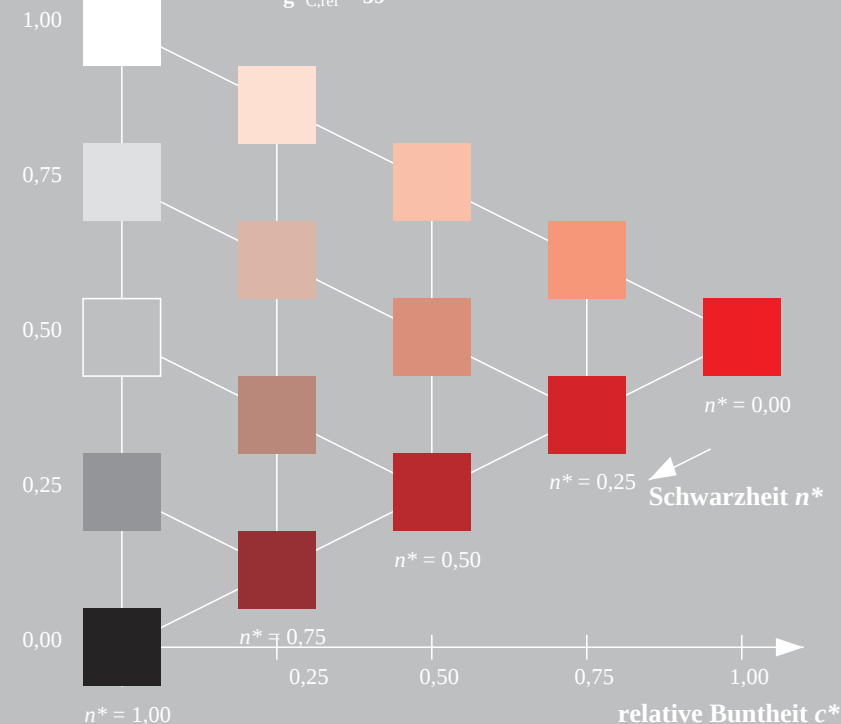
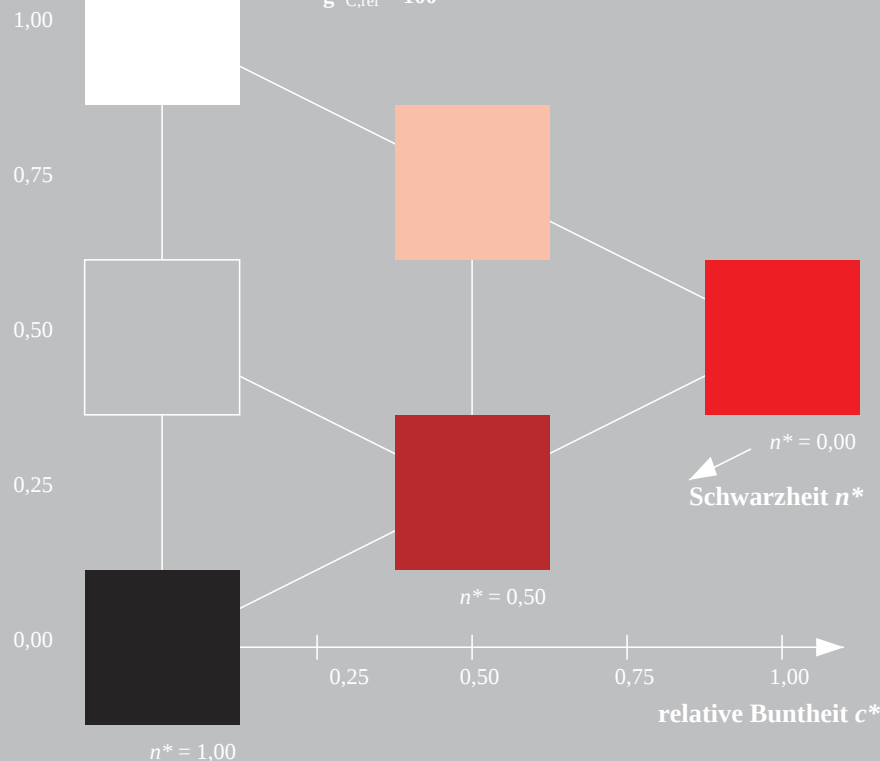
D65: Buntton O  
LCH\*Ma: 48 83 38  
olv\*Ma: 1.0 0.0 0.0

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   | 65.39   | 50.52        | 82.63        | 38  |
| YMa                            | 90.37   | -10.26  | 91.75        | 92.32        | 96  |
| LMa                            | 50.9    | -62.83  | 34.96        | 71.91        | 151 |
| CMa                            | 58.62   | -30.34  | -45.01       | 54.3         | 236 |
| VMa                            | 25.72   | 31.1    | -44.4        | 54.22        | 305 |
| MMa                            | 48.13   | 75.28   | -8.36        | 75.74        | 354 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.66   | 26.98        | 64.57        | 25  |
| JCIE                           | 81.26   | -2.16   | 67.76        | 67.79        | 92  |
| GCIE                           | 52.23   | -42.25  | 11.76        | 43.87        | 164 |
| BCIE                           | 30.57   | 1.15    | -46.84       | 46.86        | 271 |



OG670-7, 3stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

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

BAM-Prüfvorlage OG67; Farbmetrik-Systeme SRS18 & ORS18 input:  $cmY0^* setcmykcolor$

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

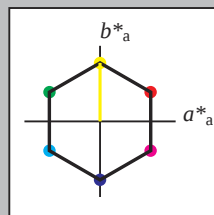
output:  $cmY0^* / 000n^* setcmykcolor$

### Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab^*h = 90/360 = 0.25$   
 $lab^*ich$  und  $lab^*nch$

D65: Buntton Y  
LCH\*Ma: 57 77 90  
olv\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$   
%Regularität  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

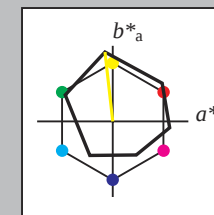
| SRS18; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| OMa                            | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| YMa                            | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| LMa                            | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| CMa                            | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| VMa                            | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| MMa                            | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| NMa                            | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| WMa                            | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| RCIE                           | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| JCIE                           | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| GCIE                           | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| BCIE                           | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

### Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 96/360 = 0.268$   
 $lab^*ich$  und  $lab^*nch$

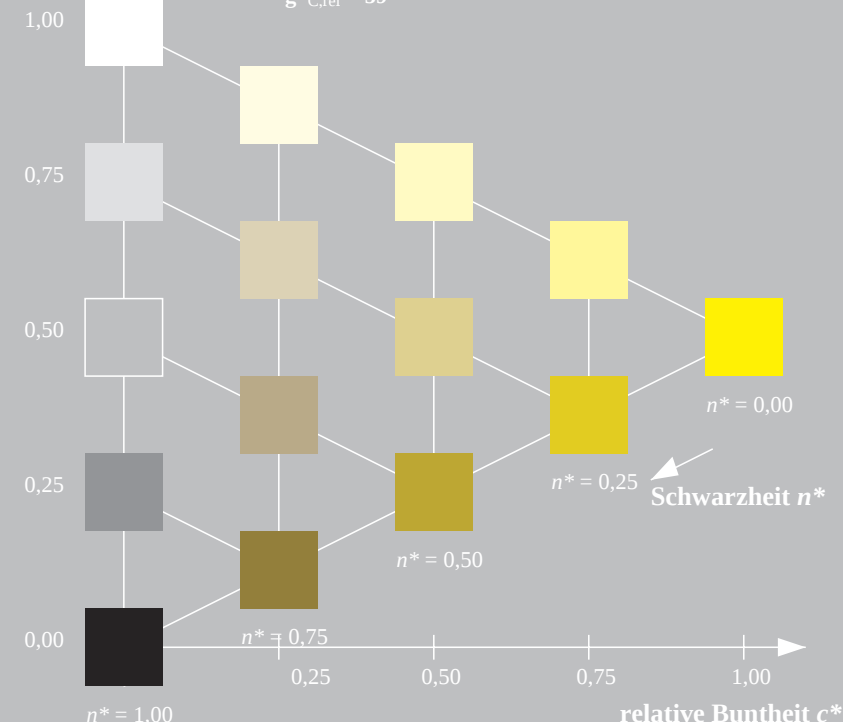
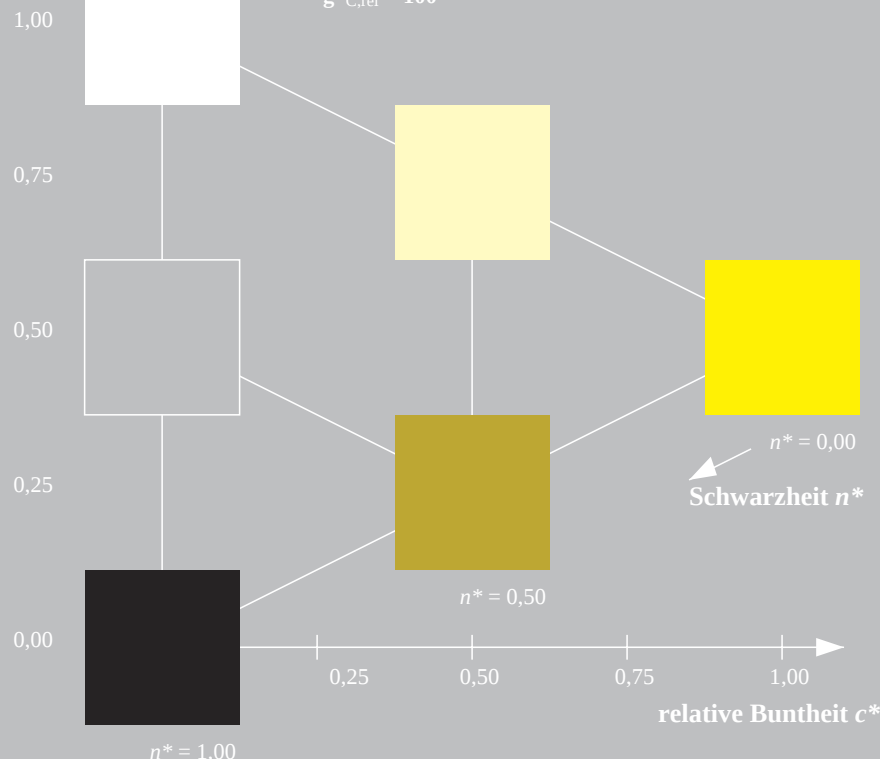
D65: Buntton Y  
LCH\*Ma: 90 92 96  
olv\*Ma: 1.0 1.0 0.0

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       | 65.39   | 50.52   | 82.63        | 38           |
| YMa                            | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| LMa                            | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| CMa                            | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| VMa                            | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| MMa                            | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| NMa                            | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| WMa                            | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| RCIE                           | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| JCIE                           | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| GCIE                           | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| BCIE                           | 30.57       | 1.15    | -46.84  | 46.86        | 271          |



OG670-7, 3stufige Reihen für konstanten CIELAB Buntton 90/360 = 0.25 (links)

5stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (rechts)

BAM-Prüfvorlage OG67; Farbmetrik-Systeme SRS18 & ORS18 input:  $cmY0^* setcmykcolor$

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

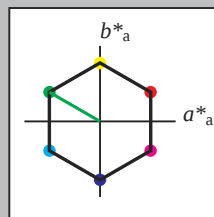
output:  $cmY0^* / 000n^* setcmykcolor$

### Eingabe: Farbmatisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab^*h = 150/360 = 0.417$   
 $lab^*ich$  und  $lab^*nch$

D65: Buntton L  
LCH\*Ma: 57 77 150  
olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$   
%Regularität  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

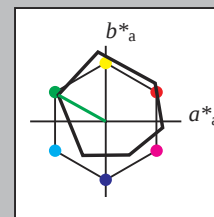
| SRS18; adaptierte CIELAB-Daten |         |         |              |              |     |
|--------------------------------|---------|---------|--------------|--------------|-----|
| $L^*=L^*_a$                    | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |     |
| OMa                            | 56.71   | 67.03   | 38.7         | 77.4         | 30  |
| YMa                            | 56.71   | 0.0     | 77.4         | 77.4         | 90  |
| LMa                            | 56.71   | -67.02  | 38.7         | 77.4         | 150 |
| CMa                            | 56.71   | -67.02  | -38.69       | 77.4         | 210 |
| VMa                            | 56.71   | 0.0     | -77.39       | 77.4         | 270 |
| MMa                            | 56.71   | 67.03   | -38.69       | 77.4         | 330 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.74   | 27.99        | 65.07        | 25  |
| JCIE                           | 81.26   | -2.88   | 71.56        | 71.62        | 92  |
| GCIE                           | 52.23   | -42.41  | 13.6         | 44.55        | 162 |
| BCIE                           | 30.57   | 1.41    | -46.46       | 46.49        | 272 |

### Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 151/360 = 0.419$   
 $lab^*ich$  und  $lab^*nch$

D65: Buntton L  
LCH\*Ma: 51 72 151  
olv\*Ma: 0.0 1.0 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   | 65.39   | 50.52        | 82.63        | 38  |
| YMa                            | 90.37   | -10.26  | 91.75        | 92.32        | 96  |
| LMa                            | 50.9    | -62.83  | 34.96        | 71.91        | 151 |
| CMa                            | 58.62   | -30.34  | -45.01       | 54.3         | 236 |
| VMa                            | 25.72   | 31.1    | -44.4        | 54.22        | 305 |
| MMa                            | 48.13   | 75.28   | -8.36        | 75.74        | 354 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.66   | 26.98        | 64.57        | 25  |
| JCIE                           | 81.26   | -2.16   | 67.76        | 67.79        | 92  |
| GCIE                           | 52.23   | -42.25  | 11.76        | 43.87        | 164 |
| BCIE                           | 30.57   | 1.15    | -46.84       | 46.86        | 271 |

1,00

0,75

0,50

0,25

0,00

$n^* = 1,00$

relative Buntheit  $c^*$

$n^* = 0,50$

Schwarzheit  $n^*$

$n^* = 0,00$

1,00

0,75

0,50

0,25

0,00

$n^* = 1,00$

relative Buntheit  $c^*$

$n^* = 0,75$

$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

Schwarzheit  $n^*$

OG670-7, 3stufige Reihen für konstanten CIELAB Buntton 150/360 = 0.417 (links)

5stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (rechts)

BAM-Prüfvorlage OG67; Farbmatrik-Systeme SRS18 & ORS18 input:  $cmY0^* setcmykcolor$

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

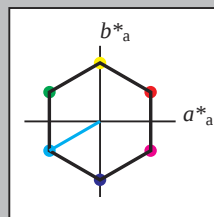
output:  $cmY0^* / 000n^* setcmykcolor$

### Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab^*h = 210/360 = 0.583$   
 $lab^*ich$  und  $lab^*nch$

D65: Buntton C  
LCH\*Ma: 57 77 210  
olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$   
%Regularität  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

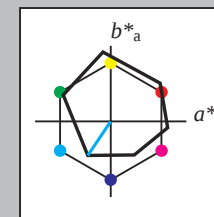
| SRS18; adaptierte CIELAB-Daten |         |         |              |              |     |
|--------------------------------|---------|---------|--------------|--------------|-----|
| $L^*=L^*_a$                    | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |     |
| OMa                            | 56.71   | 67.03   | 38.7         | 77.4         | 30  |
| YMa                            | 56.71   | 0.0     | 77.4         | 77.4         | 90  |
| LMa                            | 56.71   | -67.02  | 38.7         | 77.4         | 150 |
| CMa                            | 56.71   | -67.02  | -38.69       | 77.4         | 210 |
| VMa                            | 56.71   | 0.0     | -77.39       | 77.4         | 270 |
| MMa                            | 56.71   | 67.03   | -38.69       | 77.4         | 330 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.74   | 27.99        | 65.07        | 25  |
| JCIE                           | 81.26   | -2.88   | 71.56        | 71.62        | 92  |
| GCIE                           | 52.23   | -42.41  | 13.6         | 44.55        | 162 |
| BCIE                           | 30.57   | 1.41    | -46.46       | 46.49        | 272 |

### Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 236/360 = 0.656$   
 $lab^*ich$  und  $lab^*nch$

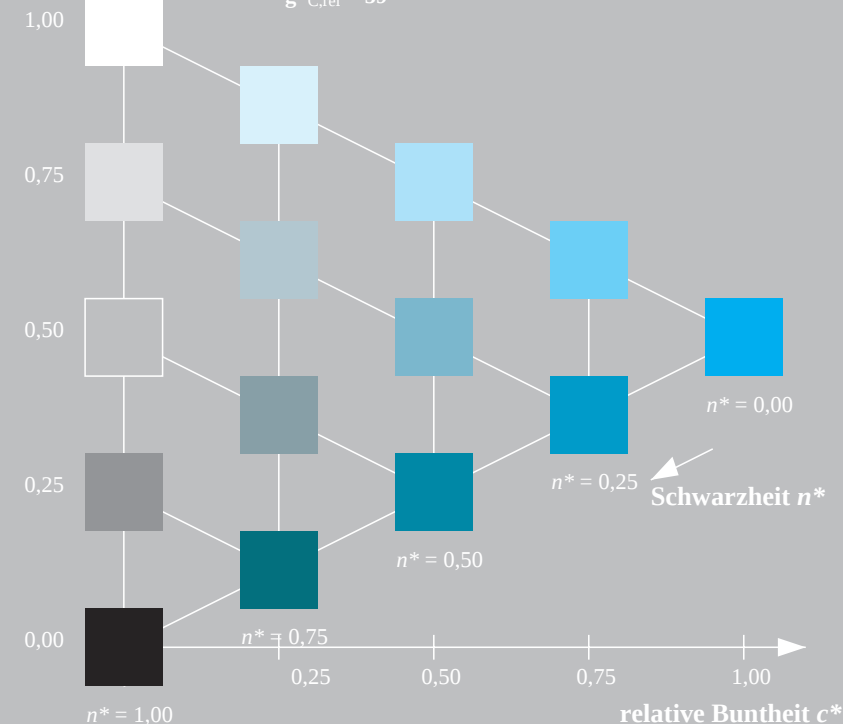
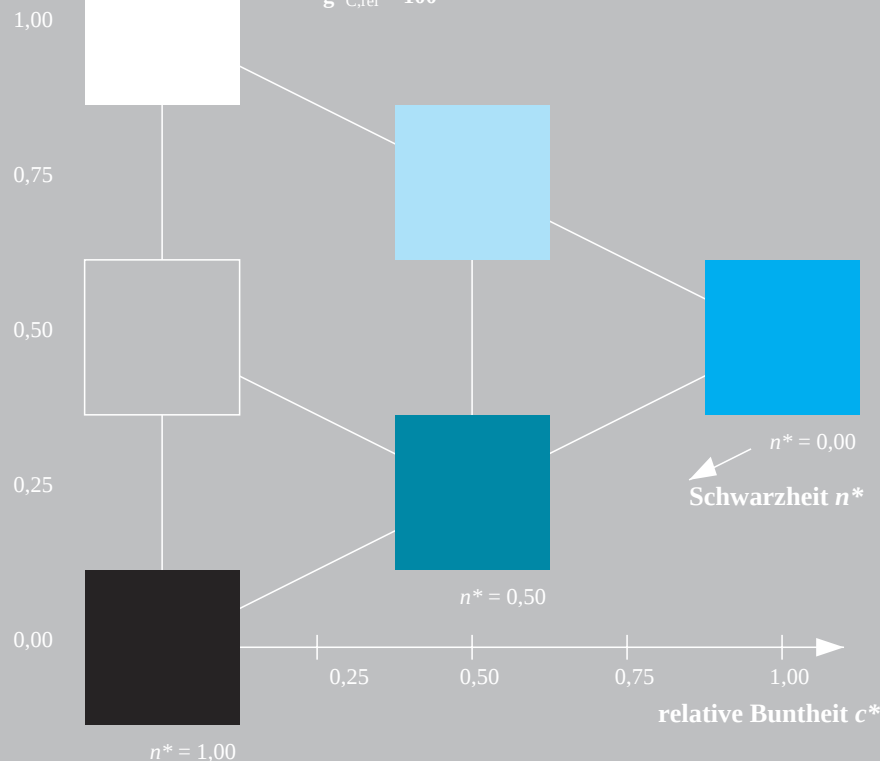
D65: Buntton C  
LCH\*Ma: 59 54 236  
olv\*Ma: 0.0 1.0 1.0

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   | 65.39   | 50.52        | 82.63        | 38  |
| YMa                            | 90.37   | -10.26  | 91.75        | 92.32        | 96  |
| LMa                            | 50.9    | -62.83  | 34.96        | 71.91        | 151 |
| CMa                            | 58.62   | -30.34  | -45.01       | 54.3         | 236 |
| VMa                            | 25.72   | 31.1    | -44.4        | 54.22        | 305 |
| MMa                            | 48.13   | 75.28   | -8.36        | 75.74        | 354 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.66   | 26.98        | 64.57        | 25  |
| JCIE                           | 81.26   | -2.16   | 67.76        | 67.79        | 92  |
| GCIE                           | 52.23   | -42.25  | 11.76        | 43.87        | 164 |
| BCIE                           | 30.57   | 1.15    | -46.84       | 46.86        | 271 |



OG670-7, 3stufige Reihen für konstanten CIELAB Buntton 210/360 = 0.583 (links)

5stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (rechts)

BAM-Prüfvorlage OG67; Farbmetrik-Systeme SRS18 & ORS18 input:  $cmY0^* setcmykcolor$

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

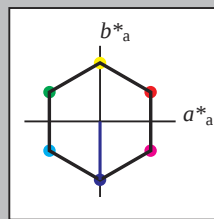
output:  $cmY0^* / 000n^* setcmykcolor$

### Eingabe: Farbmatisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab^*h = 270/360 = 0.75$   
 $lab^*ich$  und  $lab^*nch$

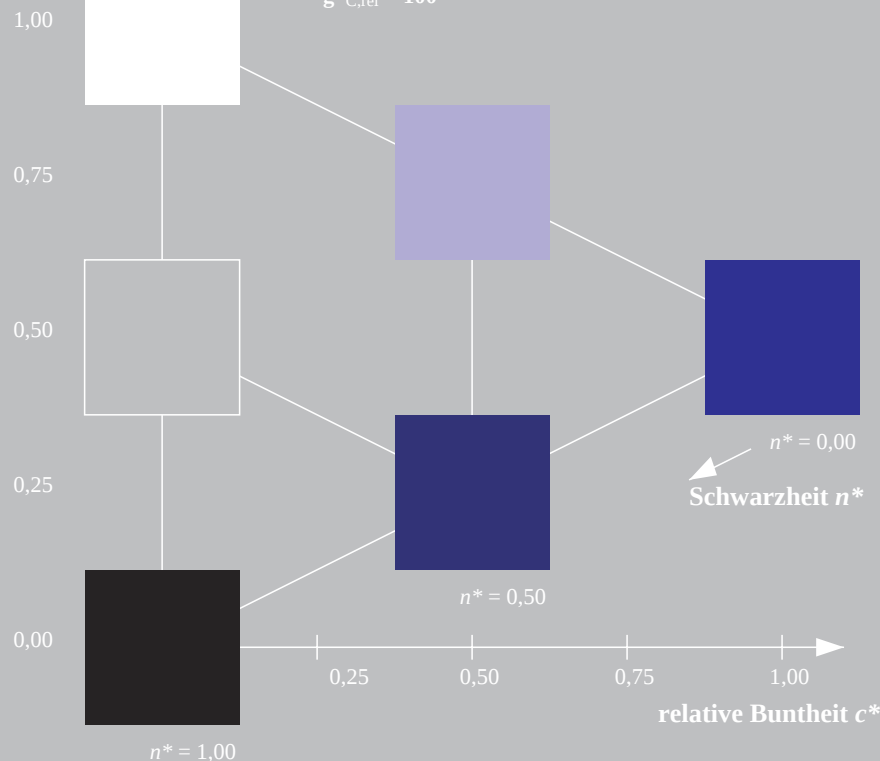
D65: Buntton V  
LCH\*Ma: 57 77 270  
olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$   
%Regularität  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

| SRS18; adaptierte CIELAB-Daten |         |         |              |              |     |
|--------------------------------|---------|---------|--------------|--------------|-----|
| $L^*=L^*_a$                    | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |     |
| OMa                            | 56.71   | 67.03   | 38.7         | 77.4         | 30  |
| YMa                            | 56.71   | 0.0     | 77.4         | 77.4         | 90  |
| LMa                            | 56.71   | -67.02  | 38.7         | 77.4         | 150 |
| CMa                            | 56.71   | -67.02  | -38.69       | 77.4         | 210 |
| VMa                            | 56.71   | 0.0     | -77.39       | 77.4         | 270 |
| MMa                            | 56.71   | 67.03   | -38.69       | 77.4         | 330 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.74   | 27.99        | 65.07        | 25  |
| JCIE                           | 81.26   | -2.88   | 71.56        | 71.62        | 92  |
| GCIE                           | 52.23   | -42.41  | 13.6         | 44.55        | 162 |
| BCIE                           | 30.57   | 1.41    | -46.46       | 46.49        | 272 |

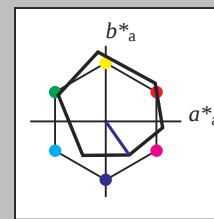


### Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 305/360 = 0.847$   
 $lab^*ich$  und  $lab^*nch$

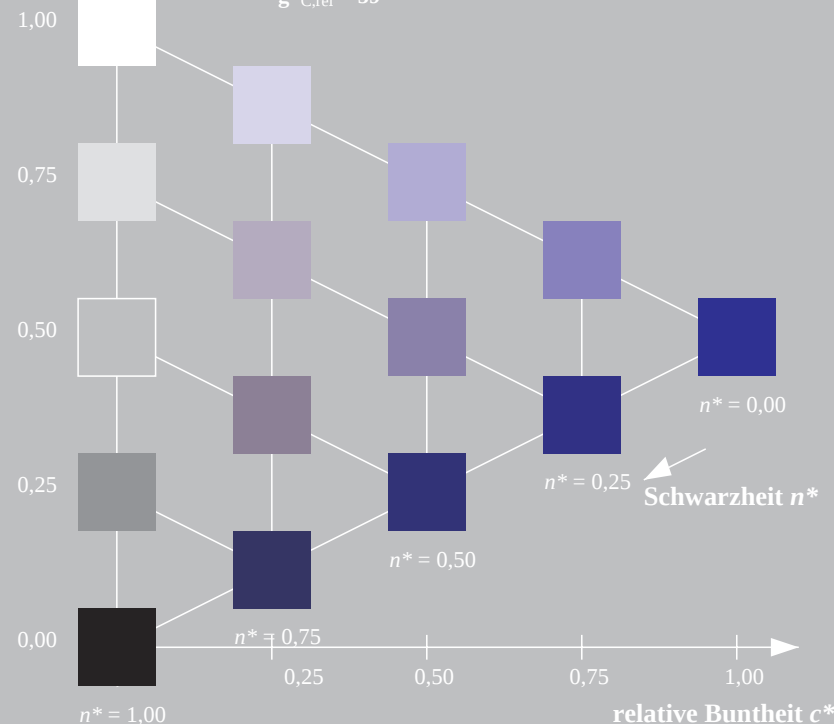
D65: Buntton V  
LCH\*Ma: 26 54 305  
olv\*Ma: 0.0 0.0 1.0

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   | 65.39   | 50.52        | 82.63        | 38  |
| YMa                            | 90.37   | -10.26  | 91.75        | 92.32        | 96  |
| LMa                            | 50.9    | -62.83  | 34.96        | 71.91        | 151 |
| CMa                            | 58.62   | -30.34  | -45.01       | 54.3         | 236 |
| VMa                            | 25.72   | 31.1    | -44.4        | 54.22        | 305 |
| MMa                            | 48.13   | 75.28   | -8.36        | 75.74        | 354 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.66   | 26.98        | 64.57        | 25  |
| JCIE                           | 81.26   | -2.16   | 67.76        | 67.79        | 92  |
| GCIE                           | 52.23   | -42.25  | 11.76        | 43.87        | 164 |
| BCIE                           | 30.57   | 1.15    | -46.84       | 46.86        | 271 |



OG670-7, 3stufige Reihen für konstanten CIELAB Buntton 270/360 = 0.75 (links)

5stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (rechts)

BAM-Prüfvorlage OG67; Farbmatrik-Systeme SRS18 & ORS18 input:  $cmY0^* setcmykcolor$

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

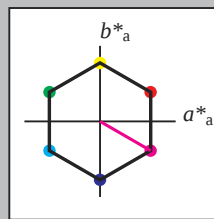
output:  $cmY0^* / 000n^* setcmykcolor$

### Eingabe: Farbmatisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab^*h = 330/360 = 0.917$   
 $lab^*ich$  und  $lab^*nch$

D65: Buntton M  
LCH\*Ma: 57 77 330  
olv\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$   
%Regularität  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

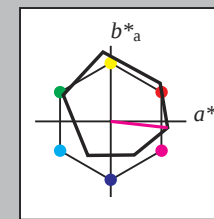
| SRS18; adaptierte CIELAB-Daten |         |         |              |              |     |
|--------------------------------|---------|---------|--------------|--------------|-----|
| $L^*=L^*_a$                    | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |     |
| OMa                            | 56.71   | 67.03   | 38.7         | 77.4         | 30  |
| YMa                            | 56.71   | 0.0     | 77.4         | 77.4         | 90  |
| LMa                            | 56.71   | -67.02  | 38.7         | 77.4         | 150 |
| CMa                            | 56.71   | -67.02  | -38.69       | 77.4         | 210 |
| VMa                            | 56.71   | 0.0     | -77.39       | 77.4         | 270 |
| MMa                            | 56.71   | 67.03   | -38.69       | 77.4         | 330 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.74   | 27.99        | 65.07        | 25  |
| JCIE                           | 81.26   | -2.88   | 71.56        | 71.62        | 92  |
| GCIE                           | 52.23   | -42.41  | 13.6         | 44.55        | 162 |
| BCIE                           | 30.57   | 1.41    | -46.46       | 46.49        | 272 |

### Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 354/360 = 0.982$   
 $lab^*ich$  und  $lab^*nch$

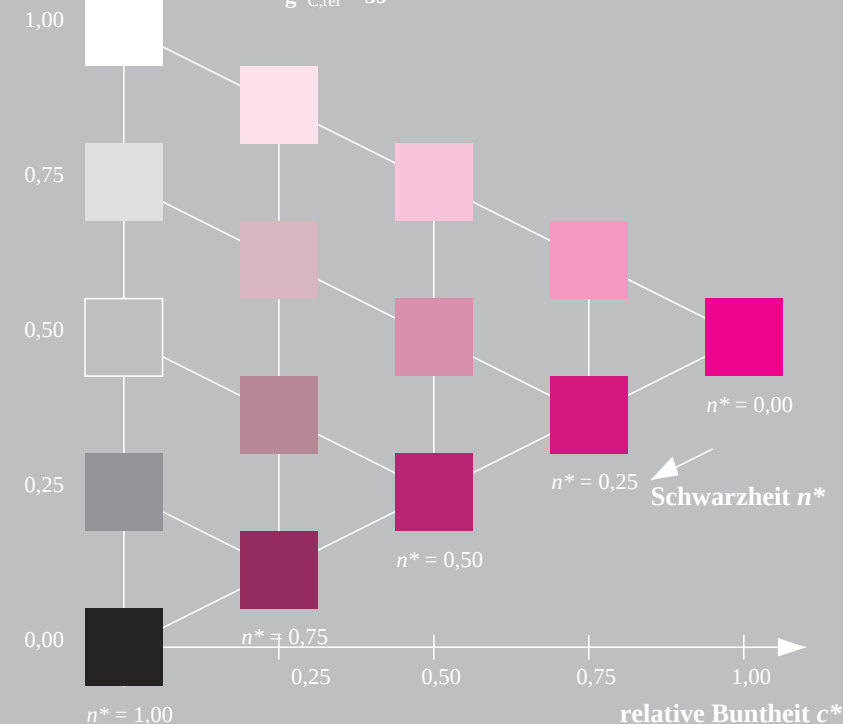
D65: Buntton M  
LCH\*Ma: 48 76 354  
olv\*Ma: 1.0 0.0 1.0

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   | 65.39   | 50.52        | 82.63        | 38  |
| YMa                            | 90.37   | -10.26  | 91.75        | 92.32        | 96  |
| LMa                            | 50.9    | -62.83  | 34.96        | 71.91        | 151 |
| CMa                            | 58.62   | -30.34  | -45.01       | 54.3         | 236 |
| VMa                            | 25.72   | 31.1    | -44.4        | 54.22        | 305 |
| MMa                            | 48.13   | 75.28   | -8.36        | 75.74        | 354 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.66   | 26.98        | 64.57        | 25  |
| JCIE                           | 81.26   | -2.16   | 67.76        | 67.79        | 92  |
| GCIE                           | 52.23   | -42.25  | 11.76        | 43.87        | 164 |
| BCIE                           | 30.57   | 1.15    | -46.84       | 46.86        | 271 |



OG670-7, 3stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.917 (links)

5stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (rechts)

BAM-Prüfvorlage OG67; Farbmatrik-Systeme SRS18 & ORS18 input:  $cmY0^* setcmykcolor$

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

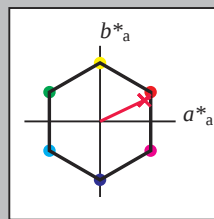
output:  $cmY0^* / 000n^* setcmykcolor$

### Eingabe: Farbmatisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab^*h = 25/360 = 0.071$   
 $lab^*ich$  und  $lab^*nch$

D65: Buntton R  
LCH\*Ma: 57 74 25  
olv\*Ma: 1.0 0.0 0.09

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$   
%Regularität  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

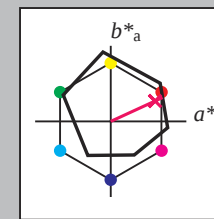
| SRS18; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>Ma</sub>                | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| L <sub>Ma</sub>                | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| C <sub>Ma</sub>                | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| V <sub>Ma</sub>                | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| M <sub>Ma</sub>                | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| 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       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub>               | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>               | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

### Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 25/360 = 0.069$   
 $lab^*ich$  und  $lab^*nch$

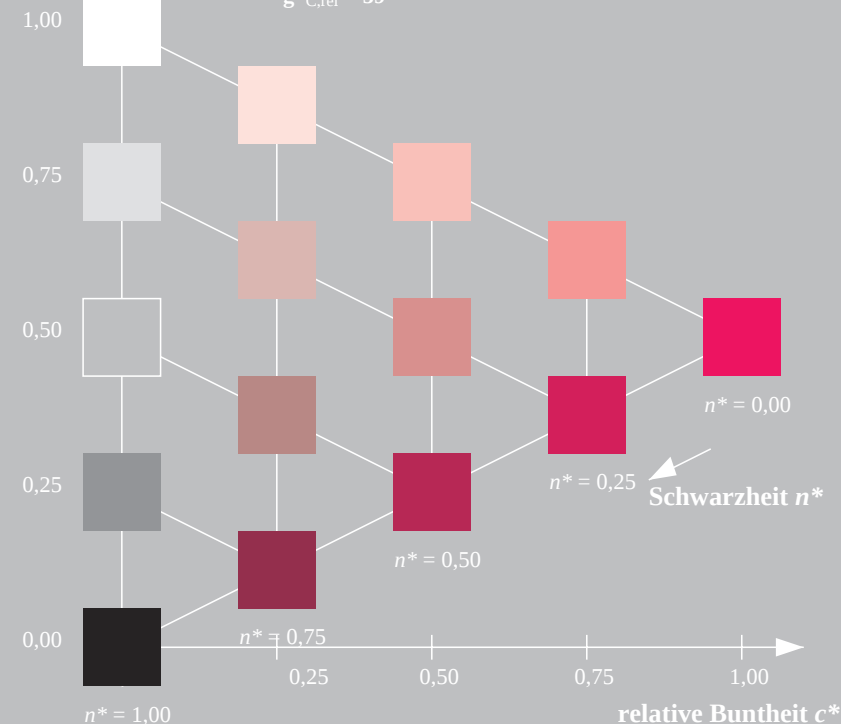
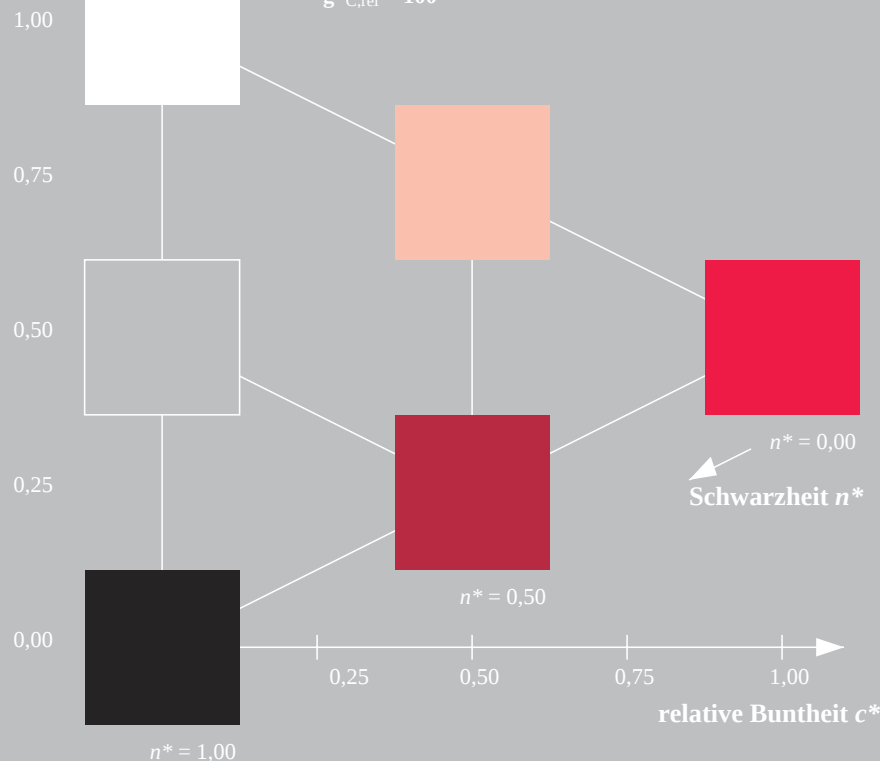
D65: Buntton R  
LCH\*Ma: 48 75 25  
olv\*Ma: 1.0 0.0 0.32

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 <sub>Ma</sub>                | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>                | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>Ma</sub>                | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>Ma</sub>                | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>Ma</sub>                | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>Ma</sub>                | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| 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   | 64.57        | 25           |
| J <sub>CIE</sub>               | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| G <sub>CIE</sub>               | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| B <sub>CIE</sub>               | 30.57       | 1.15    | -46.84  | 46.86        | 271          |



OG670-7, 3stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

5stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)

BAM-Prüfvorlage OG67; Farbmatrik-Systeme SRS18 & ORS18 input:  $cmY0^* setcmykcolor$

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

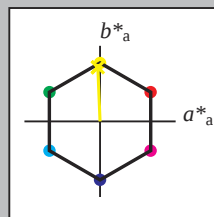
output:  $cmY0^* / 000n^* setcmykcolor$

### Eingabe: Farbmatisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab^*h = 92/360 = 0.256$   
 $lab^*ich$  und  $lab^*nch$

D65: Buntton J  
LCH\*Ma: 57 76 92  
olv\*Ma: 0.95 1.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$   
%Regularität  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

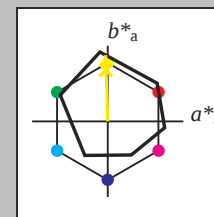
| SRS18; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| OMa                            | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| YMa                            | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| LMa                            | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| CMa                            | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| VMa                            | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| MMa                            | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| NMa                            | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| WMa                            | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| RCIE                           | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| JCIE                           | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| GCIE                           | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| BCIE                           | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

### Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 92/360 = 0.255$   
 $lab^*ich$  und  $lab^*nch$

D65: Buntton J  
LCH\*Ma: 86 88 92  
olv\*Ma: 1.0 0.9 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       | 65.39   | 50.52   | 82.63        | 38           |
| YMa                            | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| LMa                            | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| CMa                            | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| VMa                            | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| MMa                            | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| NMa                            | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| WMa                            | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| RCIE                           | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| JCIE                           | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| GCIE                           | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| BCIE                           | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

1,00

0,75

0,50

0,25

0,00

$n^* = 1,00$

relative Buntheit  $c^*$

$n^* = 0,50$

Schwarzheit  $n^*$

$n^* = 0,00$

1,00

0,75

0,50

0,25

0,00

$n^* = 1,00$

$n^* = 0,75$

$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

relative Buntheit  $c^*$

Schwarzheit  $n^*$

OG670-7, 3stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

5stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

BAM-Prüfvorlage OG67; Farbmatrik-Systeme SRS18 & ORS18 input:  $cmY0^* setcmykcolor$

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

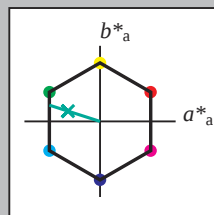
output:  $cmY0^* / 000n^* setcmykcolor$

### Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab^*h = 162/360 = 0.451$   
 $lab^*ich$  und  $lab^*nch$

D65: Buntton G  
LCH\*Ma: 57 70 162  
olv\*Ma: 0.0 1.0 0.22

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$   
%Regularität  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

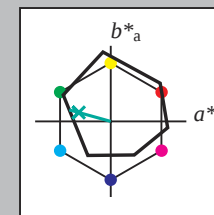
| SRS18; adaptierte CIELAB-Daten |         |         |              |              |  |
|--------------------------------|---------|---------|--------------|--------------|--|
| $L^*=L^*_a$                    | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |  |
| OMa 56.71                      | 67.03   | 38.7    | 77.4         | 30           |  |
| YMa 56.71                      | 0.0     | 77.4    | 77.4         | 90           |  |
| LMa 56.71                      | -67.02  | 38.7    | 77.4         | 150          |  |
| CMa 56.71                      | -67.02  | -38.69  | 77.4         | 210          |  |
| VMa 56.71                      | 0.0     | -77.39  | 77.4         | 270          |  |
| MMa 56.71                      | 67.03   | -38.69  | 77.4         | 330          |  |
| NMa 18.01                      | 0.0     | 0.0     | 0.0          | 0            |  |
| WMa 95.41                      | 0.0     | 0.0     | 0.0          | 0            |  |
| RCIE 39.92                     | 58.74   | 27.99   | 65.07        | 25           |  |
| JCIE 81.26                     | -2.88   | 71.56   | 71.62        | 92           |  |
| GCIE 52.23                     | -42.41  | 13.6    | 44.55        | 162          |  |
| BCIE 30.57                     | 1.41    | -46.46  | 46.49        | 272          |  |

### Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 164/360 = 0.457$   
 $lab^*ich$  und  $lab^*nch$

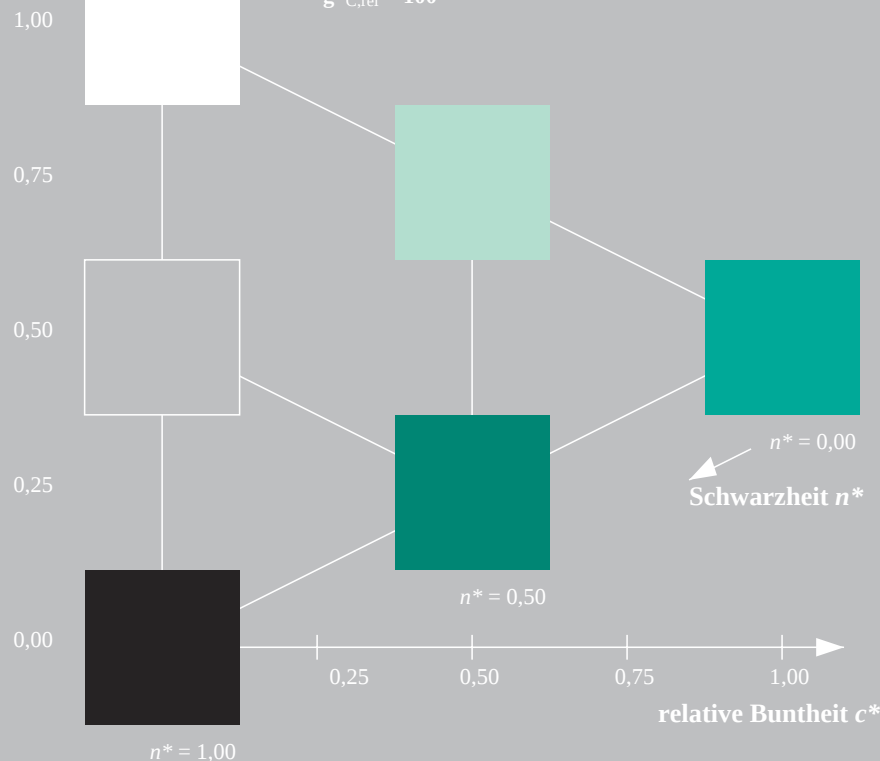
D65: Buntton G  
LCH\*Ma: 53 57 164  
olv\*Ma: 0.0 1.0 0.25

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                      | 65.39   | 50.52   | 82.63        | 38           |  |
| YMa 90.37                      | -10.26  | 91.75   | 92.32        | 96           |  |
| LMa 50.9                       | -62.83  | 34.96   | 71.91        | 151          |  |
| CMa 58.62                      | -30.34  | -45.01  | 54.3         | 236          |  |
| VMa 25.72                      | 31.1    | -44.4   | 54.22        | 305          |  |
| MMa 48.13                      | 75.28   | -8.36   | 75.74        | 354          |  |
| NMa 18.01                      | 0.0     | 0.0     | 0.0          | 0            |  |
| WMa 95.41                      | 0.0     | 0.0     | 0.0          | 0            |  |
| RCIE 39.92                     | 58.66   | 26.98   | 64.57        | 25           |  |
| JCIE 81.26                     | -2.16   | 67.76   | 67.79        | 92           |  |
| GCIE 52.23                     | -42.25  | 11.76   | 43.87        | 164          |  |
| BCIE 30.57                     | 1.15    | -46.84  | 46.86        | 271          |  |



OG670-7, 3stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

5stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

BAM-Prüfvorlage OG67; Farbmetrik-Systeme SRS18 & ORS18 input:  $cmY0^* setcmykcolor$

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

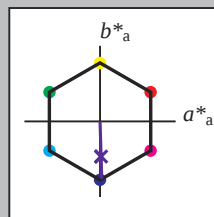
output:  $cmY0^* / 000n^* setcmykcolor$

### Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab^*h = 272/360 = 0.755$   
 $lab^*ich$  und  $lab^*nch$

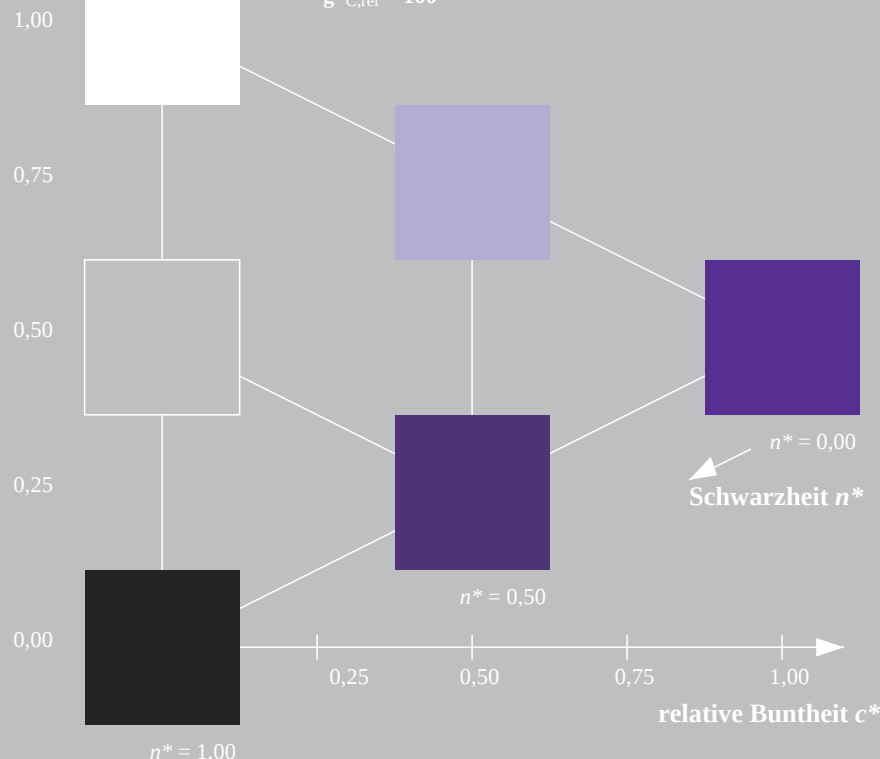
D65: Buntton B  
LCH\*Ma: 57 76 272  
olv\*Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$   
%Regularität  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

| SRS18; adaptierte CIELAB-Daten |         |         |              |              |     |
|--------------------------------|---------|---------|--------------|--------------|-----|
| $L^*=L^*_a$                    | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |     |
| OMa                            | 56.71   | 67.03   | 38.7         | 77.4         | 30  |
| YMa                            | 56.71   | 0.0     | 77.4         | 77.4         | 90  |
| LMa                            | 56.71   | -67.02  | 38.7         | 77.4         | 150 |
| CMa                            | 56.71   | -67.02  | -38.69       | 77.4         | 210 |
| VMa                            | 56.71   | 0.0     | -77.39       | 77.4         | 270 |
| MMa                            | 56.71   | 67.03   | -38.69       | 77.4         | 330 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.74   | 27.99        | 65.07        | 25  |
| JCIE                           | 81.26   | -2.88   | 71.56        | 71.62        | 92  |
| GCIE                           | 52.23   | -42.41  | 13.6         | 44.55        | 162 |
| BCIE                           | 30.57   | 1.41    | -46.46       | 46.49        | 272 |

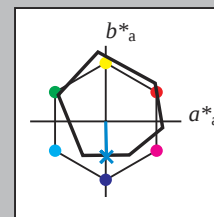


### Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 271/360 = 0.754$   
 $lab^*ich$  und  $lab^*nch$

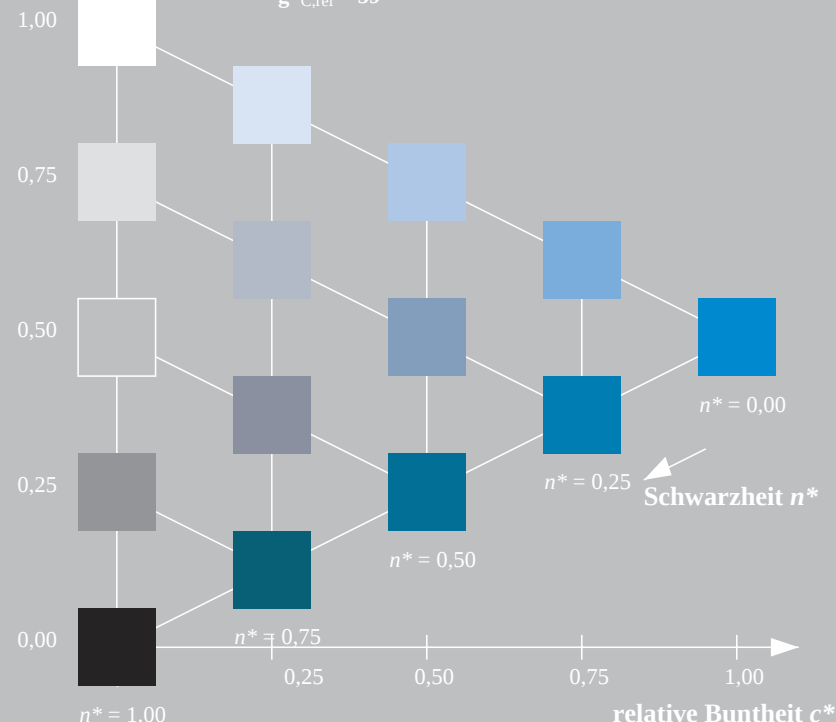
D65: Buntton B  
LCH\*Ma: 42 45 271  
olv\*Ma: 0.0 0.49 1.0

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   | 65.39   | 50.52        | 82.63        | 38  |
| YMa                            | 90.37   | -10.26  | 91.75        | 92.32        | 96  |
| LMa                            | 50.9    | -62.83  | 34.96        | 71.91        | 151 |
| CMa                            | 58.62   | -30.34  | -45.01       | 54.3         | 236 |
| VMa                            | 25.72   | 31.1    | -44.4        | 54.22        | 305 |
| MMa                            | 48.13   | 75.28   | -8.36        | 75.74        | 354 |
| NMa                            | 18.01   | 0.0     | 0.0          | 0.0          | 0   |
| WMa                            | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| RCIE                           | 39.92   | 58.66   | 26.98        | 64.57        | 25  |
| JCIE                           | 81.26   | -2.16   | 67.76        | 67.79        | 92  |
| GCIE                           | 52.23   | -42.25  | 11.76        | 43.87        | 164 |
| BCIE                           | 30.57   | 1.15    | -46.84       | 46.86        | 271 |



OG670-7, 3stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

5stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (rechts)

BAM-Prüfvorlage OG67; Farbmetrik-Systeme SRS18 & ORS18 input:  $cmY0^* setcmykcolor$

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output:  $cmY0^* / 000n^* setcmykcolor$