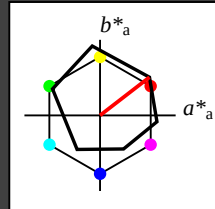


### Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

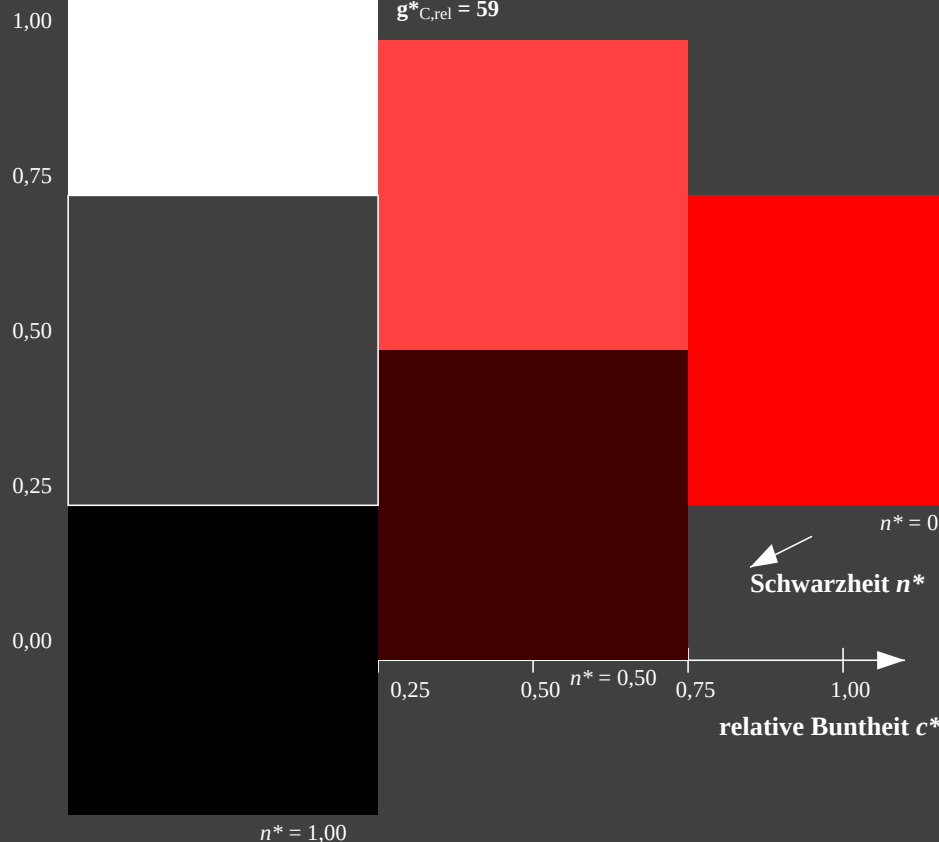
Dreiecks-Helligkeit  $t^*$



#### 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          |

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

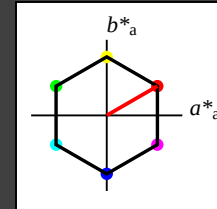


### Ausgabe: Farbmatisches Standard-Reflektiv-System SRS18

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

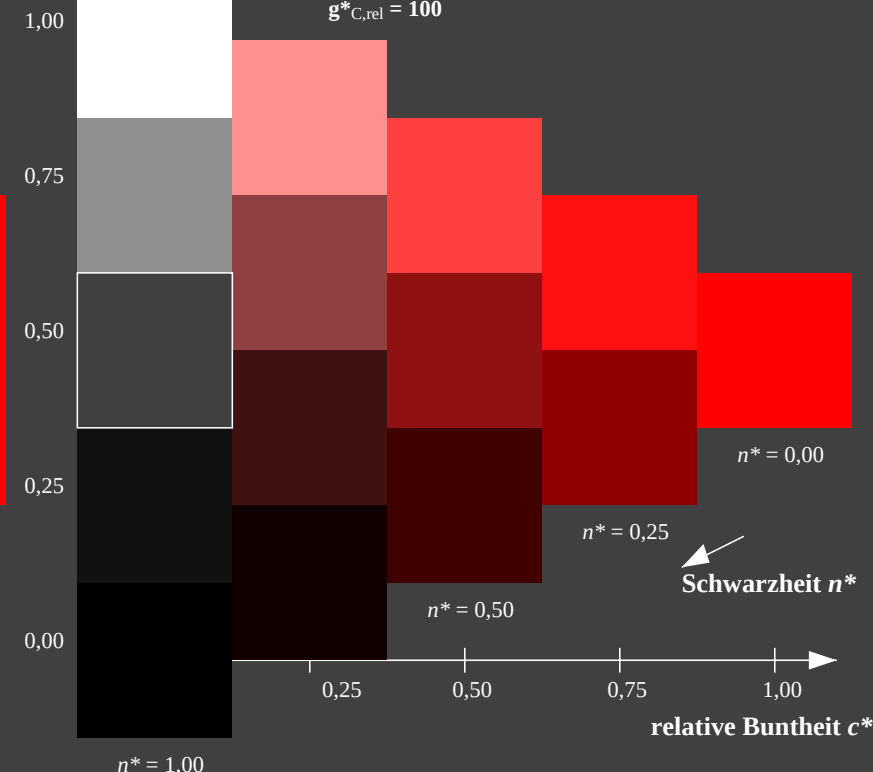
Dreiecks-Helligkeit  $t^*$



#### 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          |

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



NG820-7, 3stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

5stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (rechts)

BAM-Prüfvorlage NG82; Farbmatrik-Systeme ORS18 & SRS18 input: olv\* setrgbcolor

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

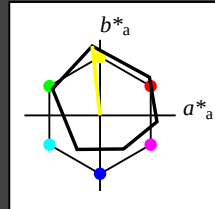
output: olv\* setrgbcolor / w\* setgray

### Eingabe: Farbmatisches 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

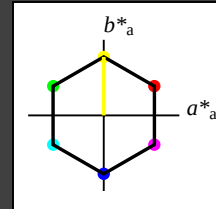
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 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          |

### Ausgabe: Farbmatisches 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

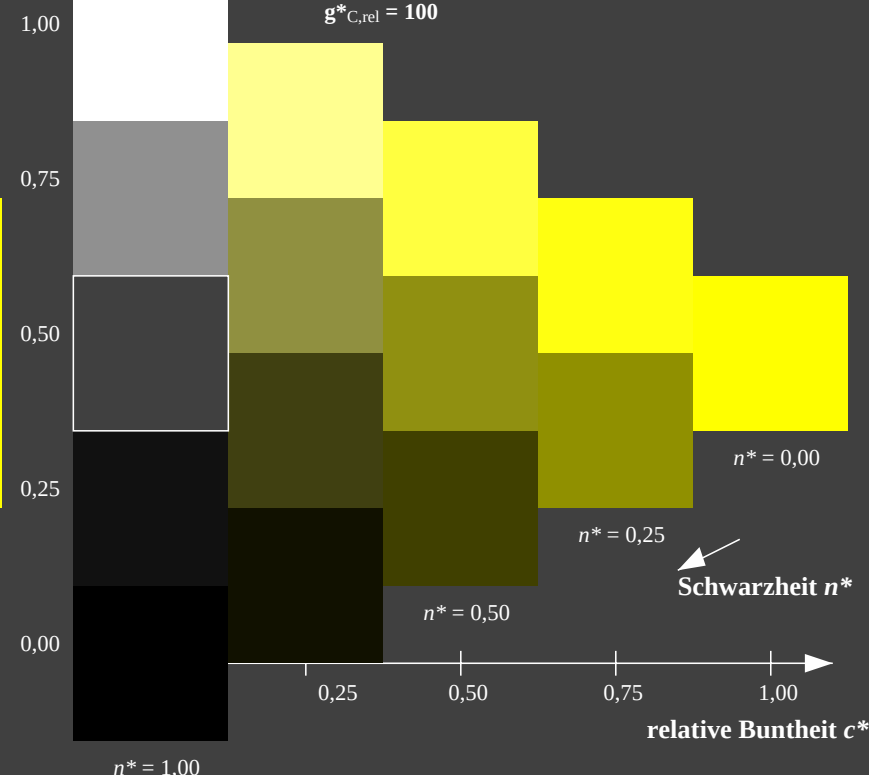
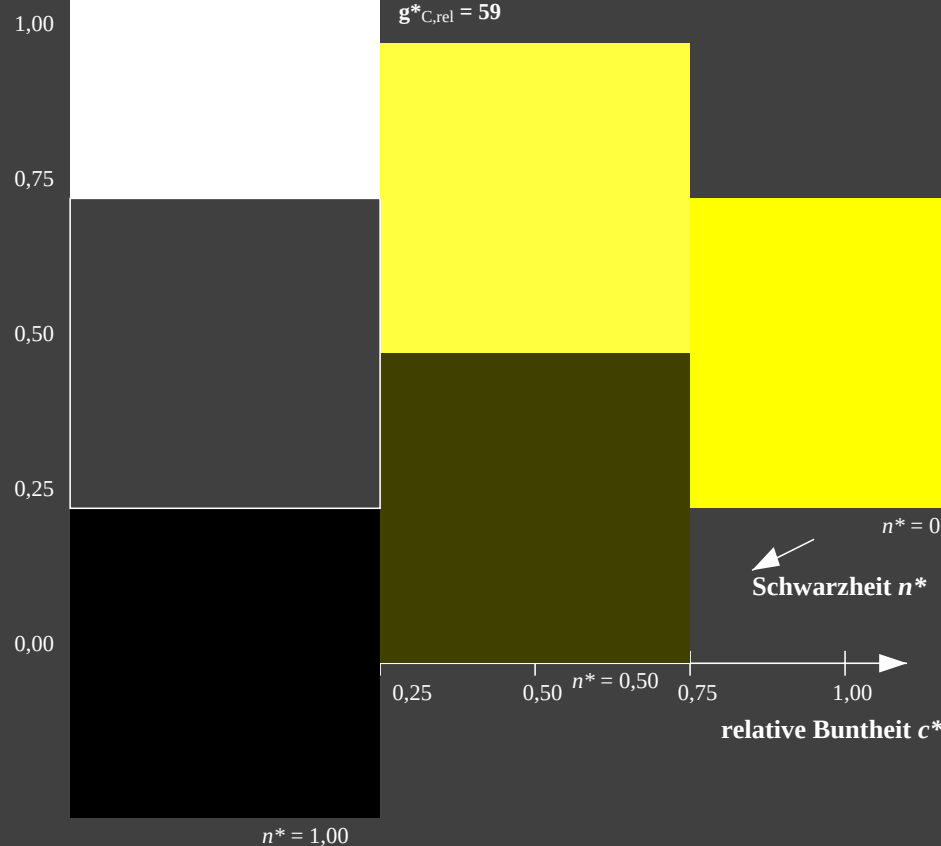
Dreiecks-Helligkeit  $t^*$



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

### SRS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| 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          |



NG820-7, 3stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

5stufige Reihen für konstanten CIELAB Buntton 90/360 = 0.25 (rechts)

BAM-Prüfvorlage NG82; Farbmatrik-Systeme ORS18 & SRS18 input: olv\* setrgbcolor

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

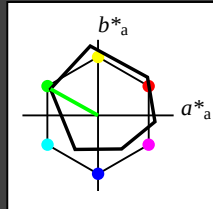
output: olv\* setrgbcolor / w\* setgray

### Eingabe: Farbmétrisches 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

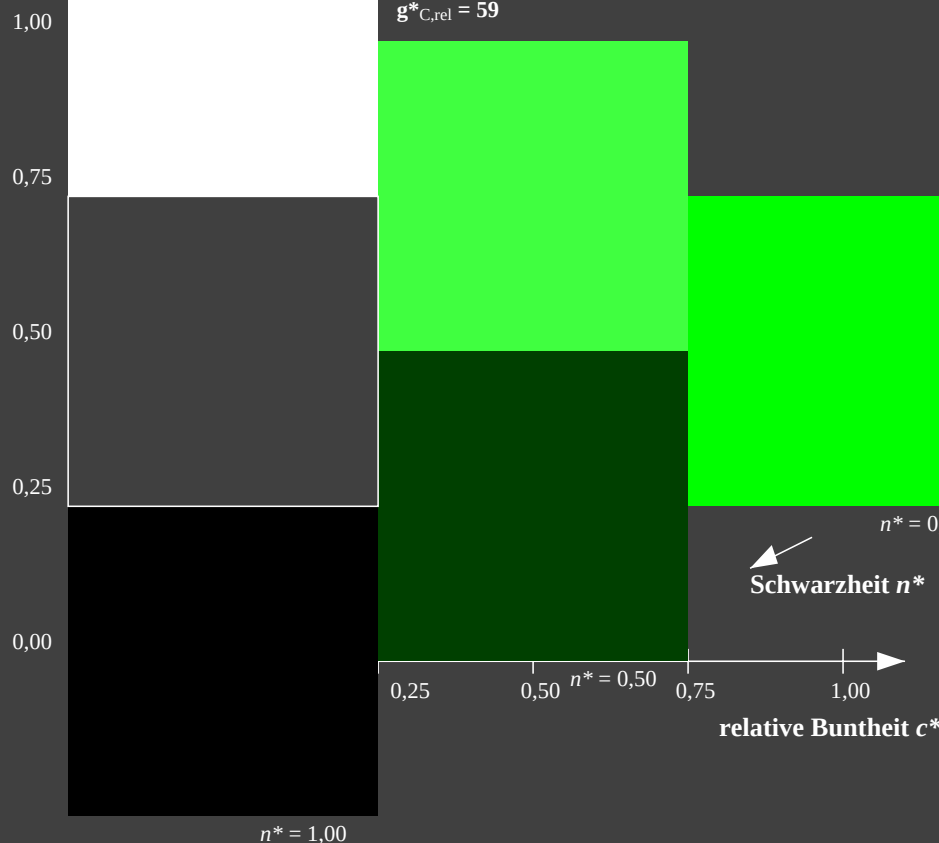
Dreiecks-Helligkeit  $t^*$



### 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          |

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

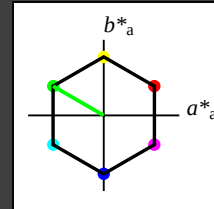


### Ausgabe: Farbmétrisches Standard-Reflektiv-System SRS18

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

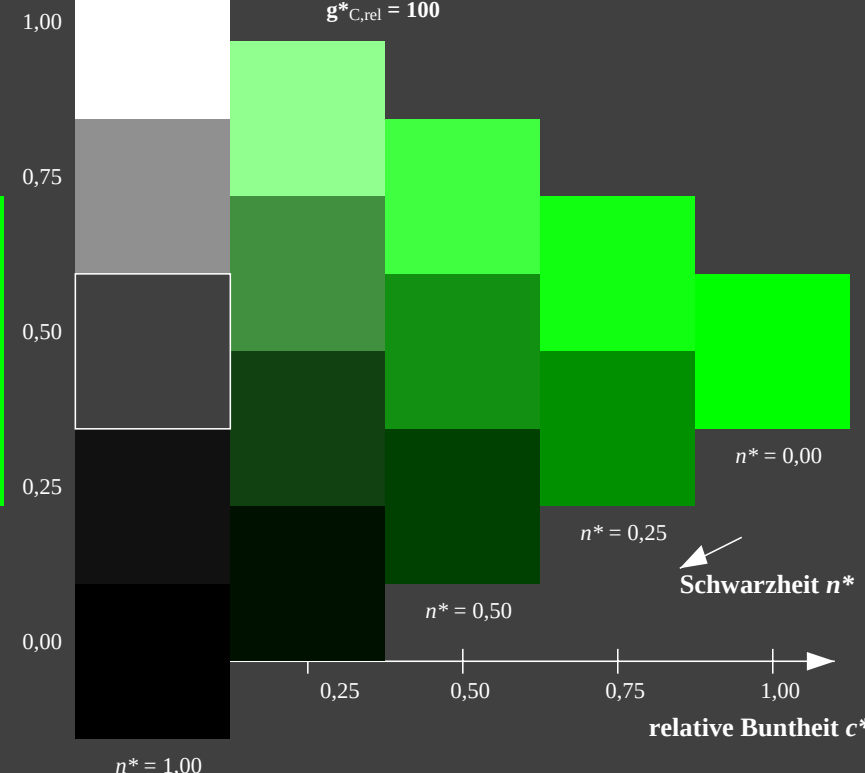
Dreiecks-Helligkeit  $t^*$



### 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          |

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



NG820-7, 3stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

5stufige Reihen für konstanten CIELAB Buntton 150/360 = 0.417 (rechts)

BAM-Prüfvorlage NG82; Farbmétrik-Systeme ORS18 & SRS18 input: olv\* setrgbcolor

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

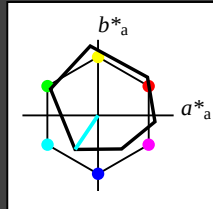
output: olv\* setrgbcolor / w\* setgray

### Eingabe: Farbmatisches 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

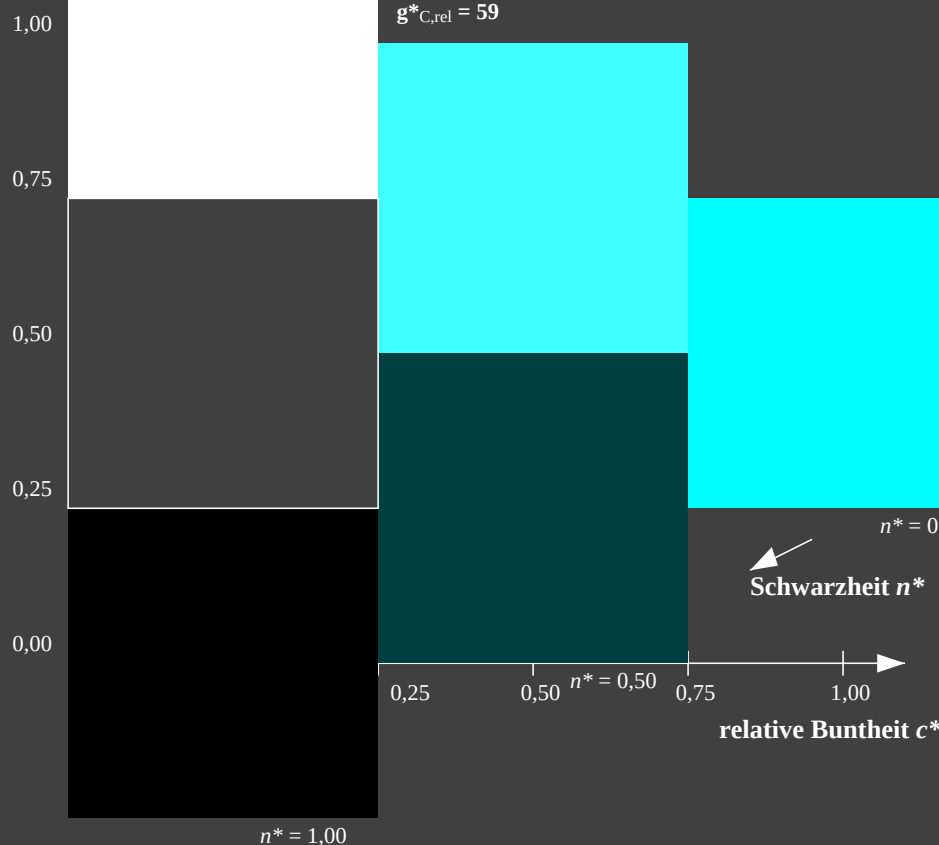
Dreiecks-Helligkeit  $t^*$



### 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          |

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

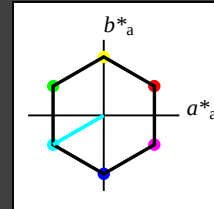


### Ausgabe: Farbmatisches Standard-Reflektiv-System SRS18

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

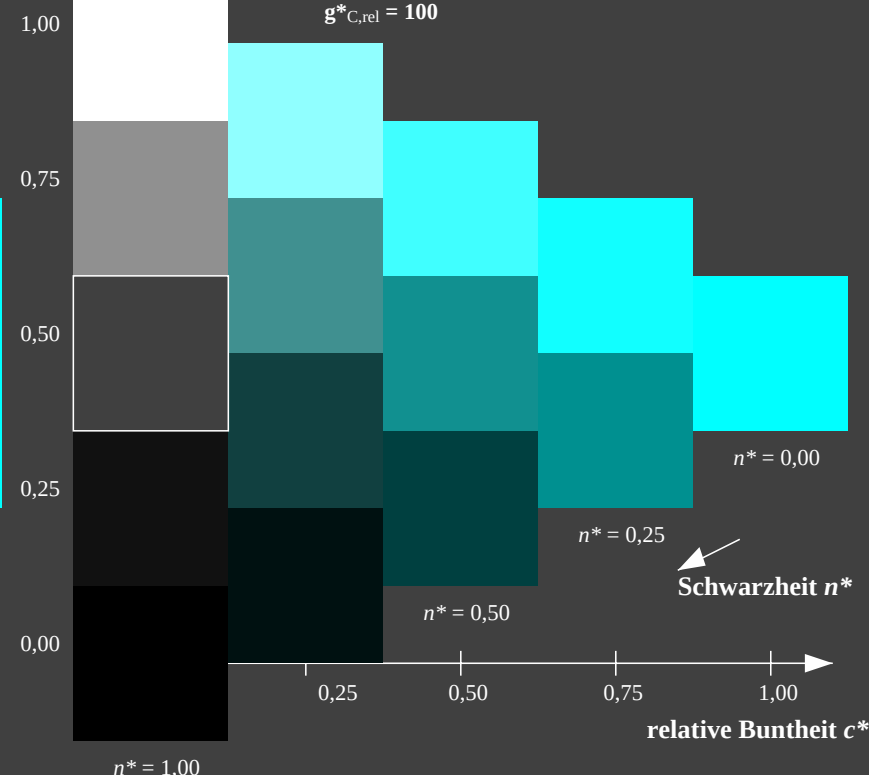
Dreiecks-Helligkeit  $t^*$



### 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          |

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



NG820-7, 3stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

5stufige Reihen für konstanten CIELAB Buntton 210/360 = 0.583 (rechts)

BAM-Prüfvorlage NG82; Farbmatrik-Systeme ORS18 & SRS18 input: olv\* setrgbcolor

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

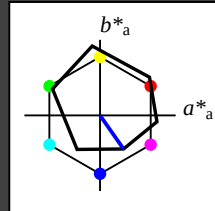
output: olv\* setrgbcolor / w\* setgray

### Eingabe: Farbmetrisches 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

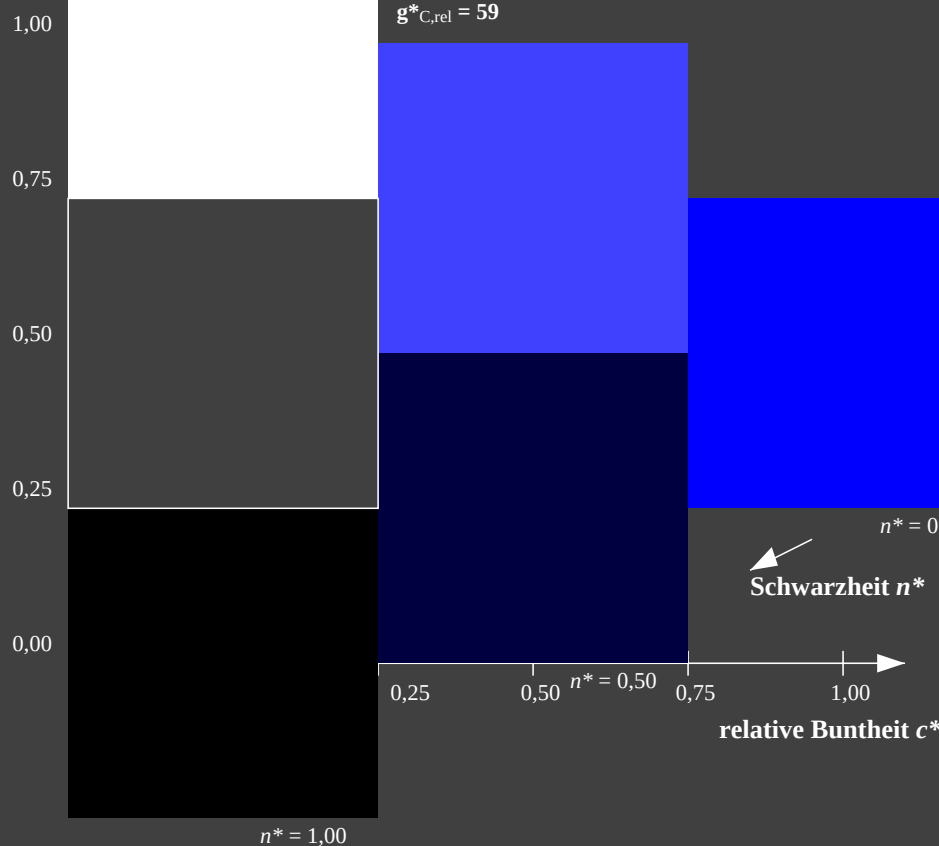
Dreiecks-Helligkeit  $t^*$



### 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          |

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

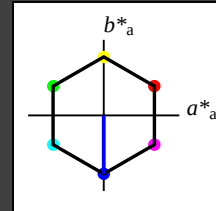


### Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

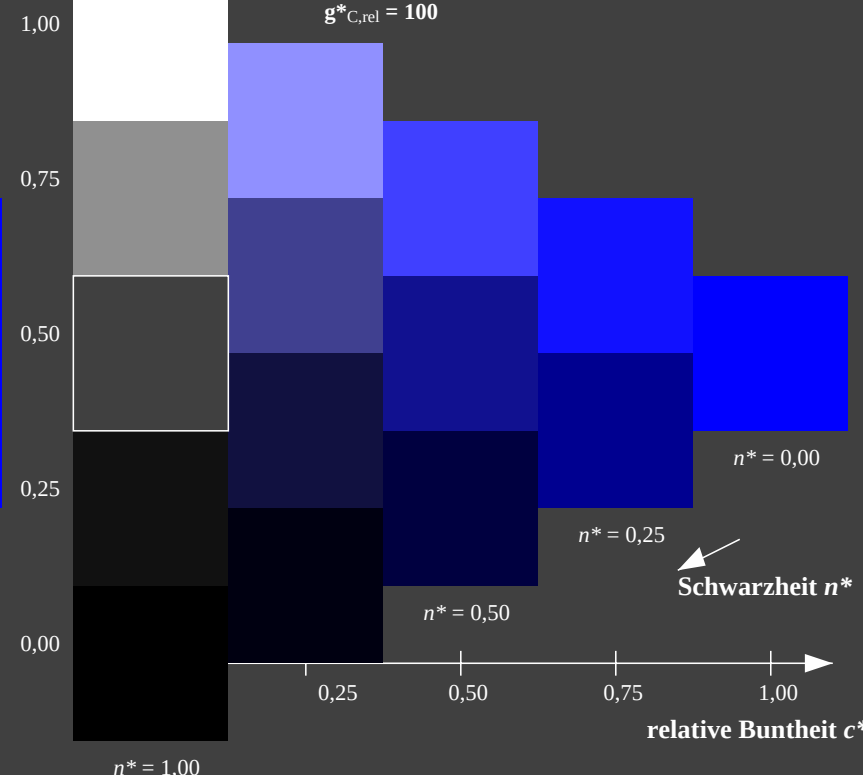
Dreiecks-Helligkeit  $t^*$



### 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          |

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



NG820-7, 3stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

5stufige Reihen für konstanten CIELAB Buntton 270/360 = 0.75 (rechts)

BAM-Prüfvorlage NG82; Farbmetrik-Systeme ORS18 & SRS18 input: olv\* setrgbcolor

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

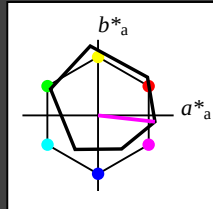
output: olv\* setrgbcolor / w\* setgray

### Eingabe: Farbmétrisches 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

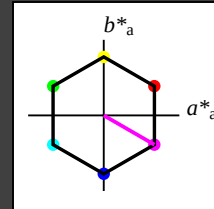
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 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          |

### Ausgabe: Farbmétrisches 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

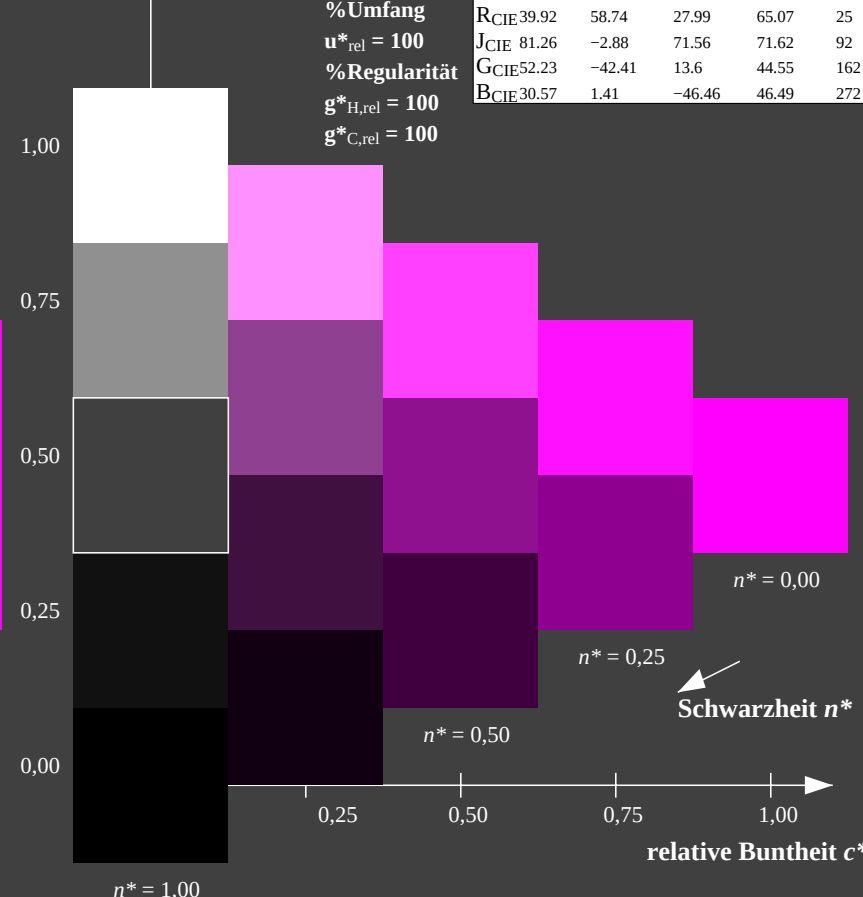
Dreiecks-Helligkeit  $t^*$



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

### SRS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| 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          |



NG820-7, 3stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (links)

5stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.917 (rechts)

BAM-Prüfvorlage NG82; Farbmétrik-Systeme ORS18 & SRS18 input: olv\* setrgbcolor

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

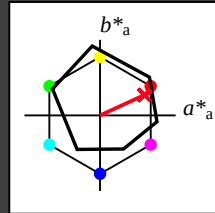
output: olv\* setrgbcolor / w\* setgray

### Eingabe: Farbmétrisches 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

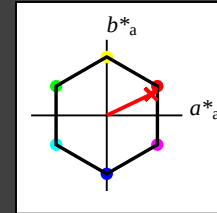
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 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          |

### Ausgabe: Farbmétrisches 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

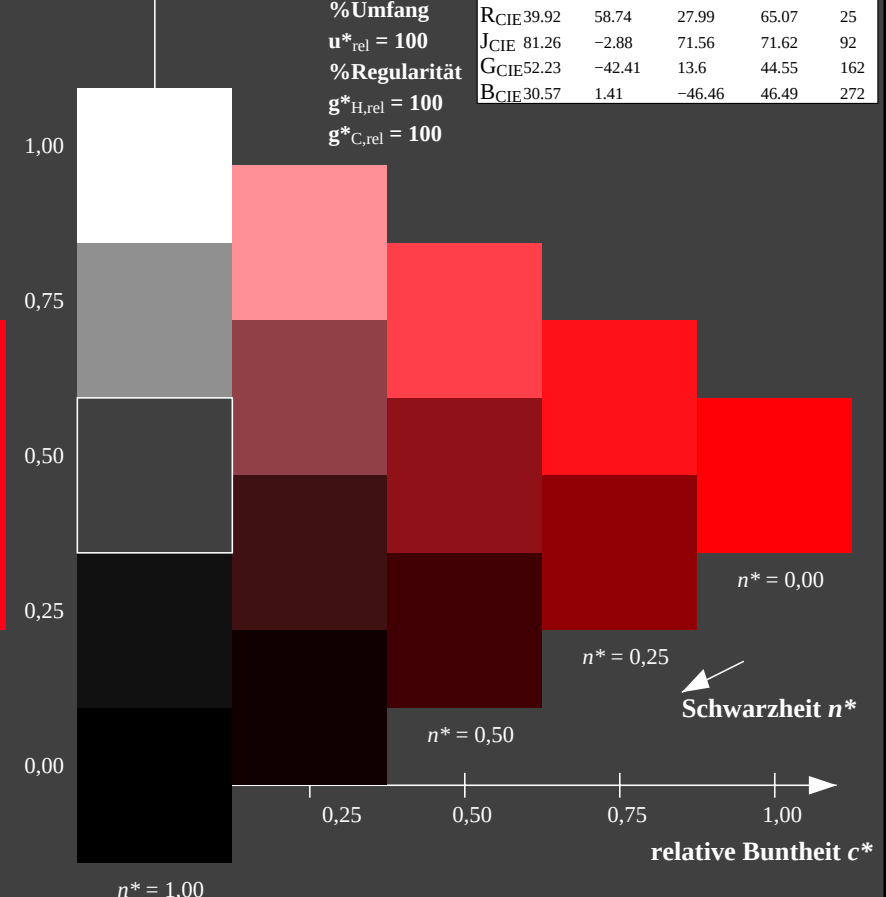
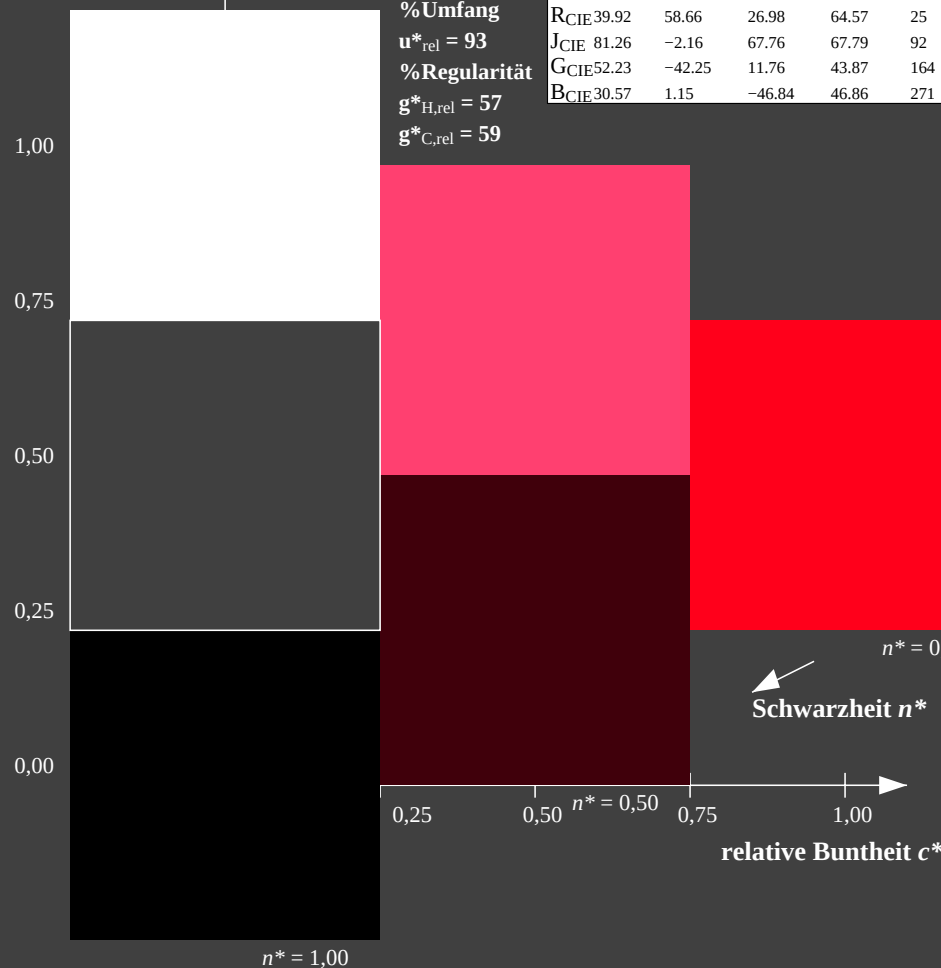
Dreiecks-Helligkeit  $t^*$



%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          |



NG820-7, 3stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

5stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (rechts)

BAM-Prüfvorlage NG82; Farbmétrik-Systeme ORS18 & SRS18 input: olv\* setrgbcolor

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: olv\* setrgbcolor / w\* setgray

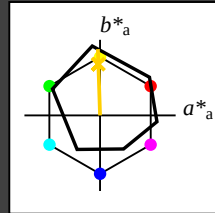


### Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

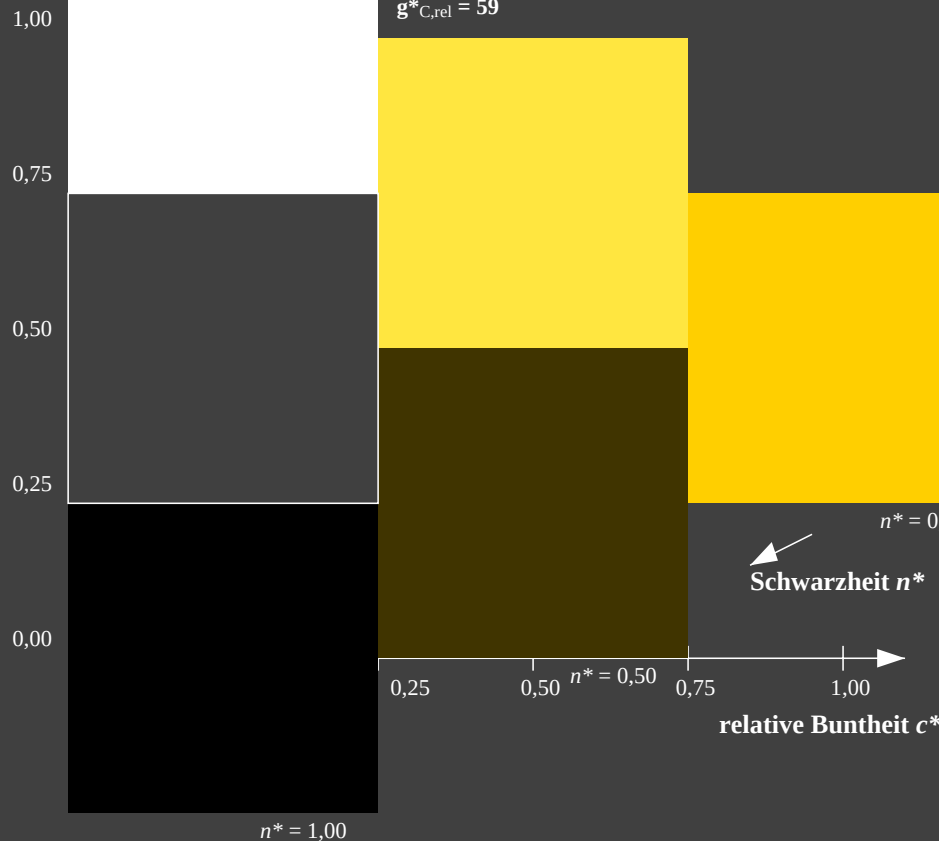
Dreiecks-Helligkeit  $t^*$



### 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          |

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

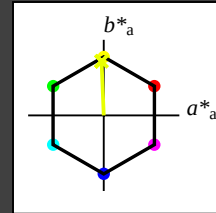


### Ausgabe: Farbmatisches Standard-Reflektiv-System SRS18

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

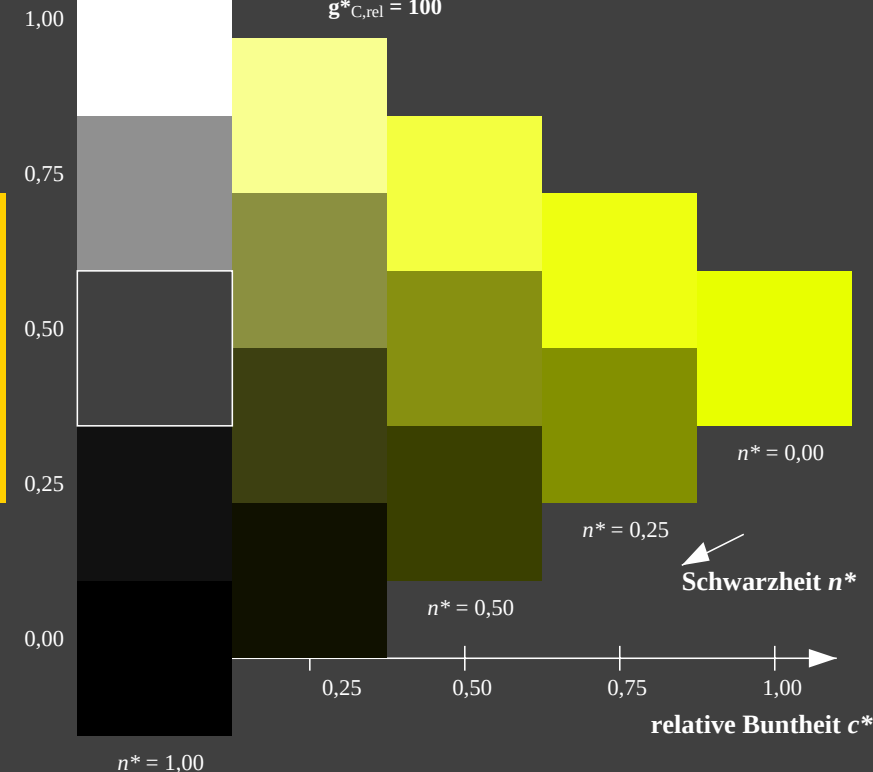
Dreiecks-Helligkeit  $t^*$



### 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          |

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



NG820-7, 3stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

5stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage NG82; Farbmatrik-Systeme ORS18 & SRS18 input: olv\* setrgbcolor

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: olv\* setrgbcolor / w\* setgray

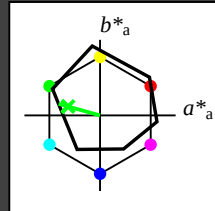


### Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

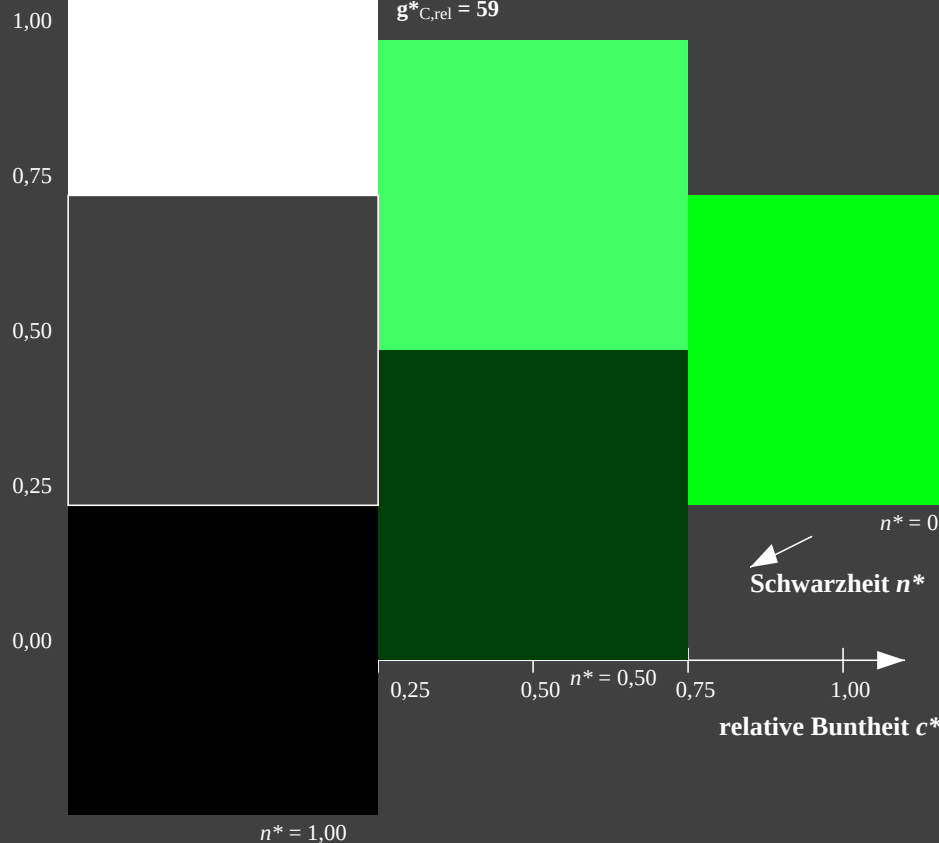
Dreiecks-Helligkeit  $t^*$



#### 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          |

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

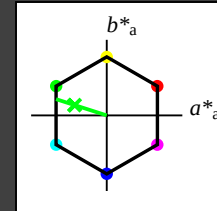


### Ausgabe: Farbmétrisches Standard-Reflektiv-System SRS18

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

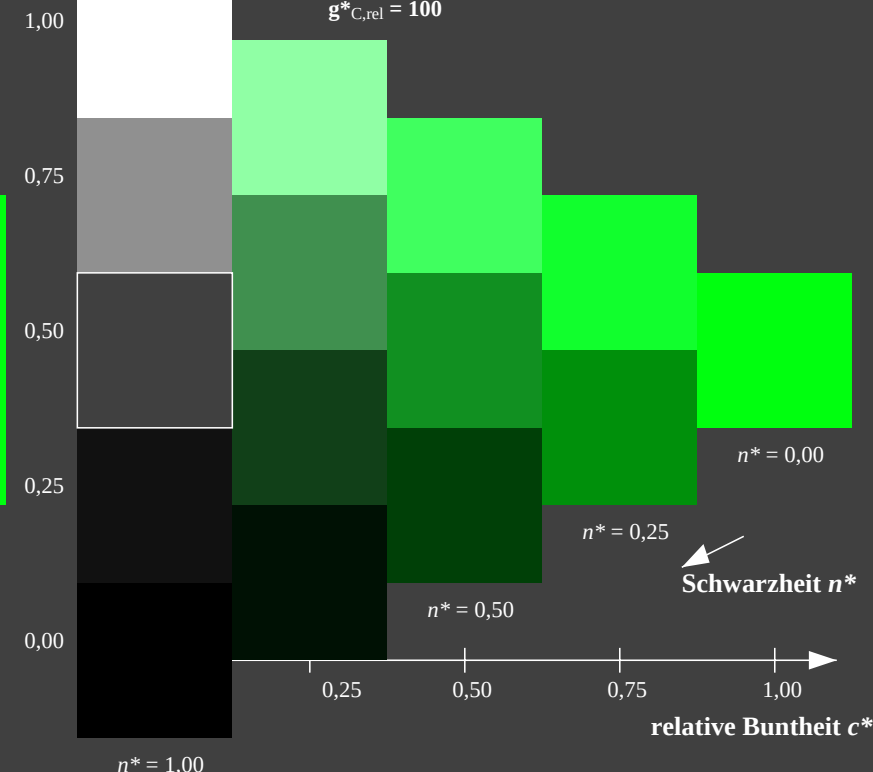
Dreiecks-Helligkeit  $t^*$



#### 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          |

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



NG820-7, 3stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

5stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (rechts)

BAM-Prüfvorlage NG82; Farbmétrik-Systeme ORS18 & SRS18 input: olv\* setrgbcolor

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

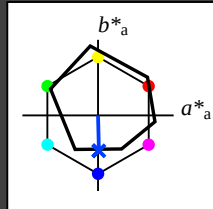
output: olv\* setrgbcolor / w\* setgray

### Eingabe: Farbmétrisches 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

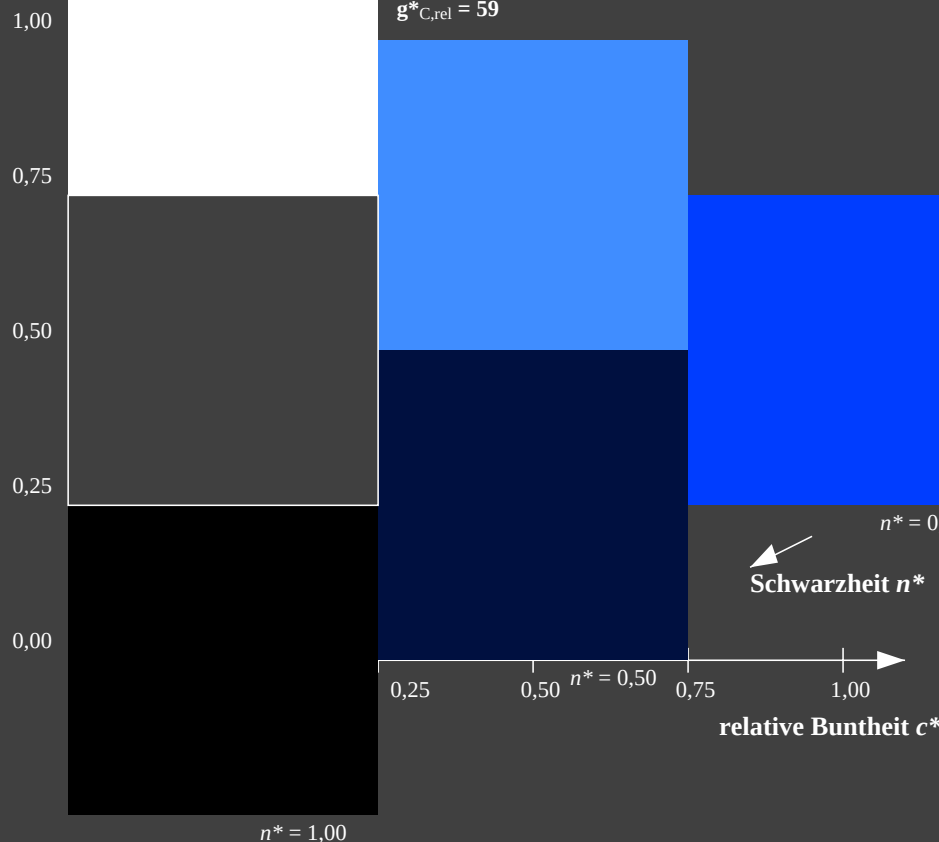
Dreiecks-Helligkeit  $t^*$



### 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          |

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

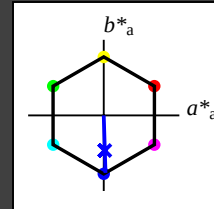


### Ausgabe: Farbmétrisches Standard-Reflektiv-System SRS18

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

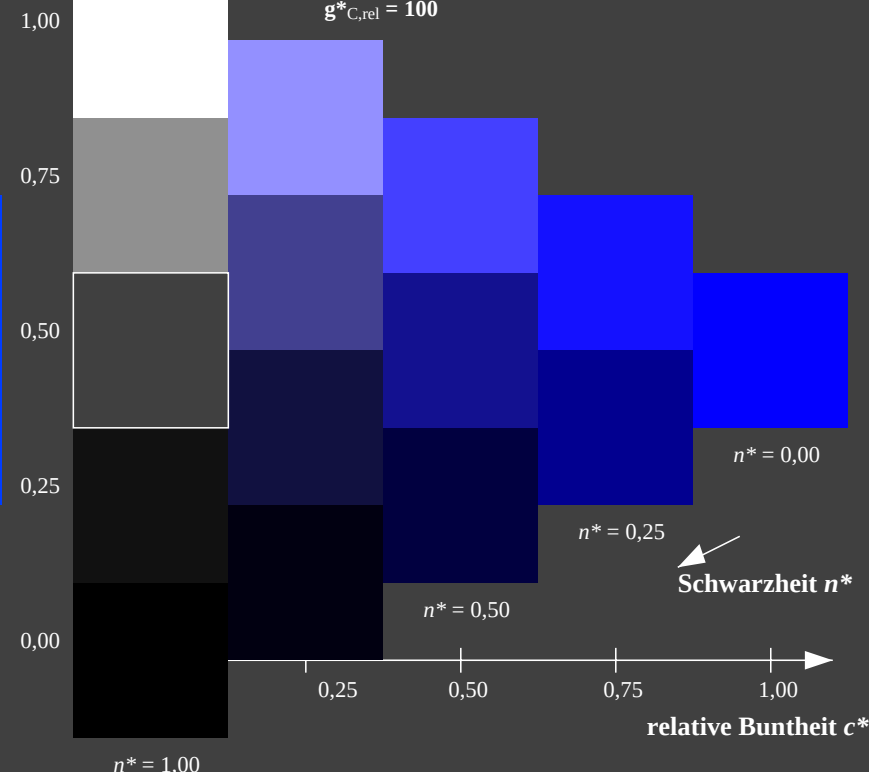
Dreiecks-Helligkeit  $t^*$



### 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          |

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



NG820-7, 3stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

5stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (rechts)

BAM-Prüfvorlage NG82; Farbmétrik-Systeme ORS18 & SRS18 input: olv\* setrgbcolor

D65: 3 und 5stufige Farbreihen für 10 Bunttöne

output: olv\* setrgbcolor / w\* setgray