

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

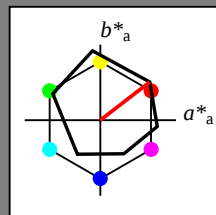
für Buntton  $h^* = lab^*h = 38/360 = 0.105$

$lab^*tch$  und  $lab^*nch$

D65: Buntton O

LCH\*Ma: 48 83 38

olv\*Ma: 1.0 0.0 0.0



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>   | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub>   | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub>   | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub>   | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub>   | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</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          |

Dreiecks-Helligkeit  $t^*$

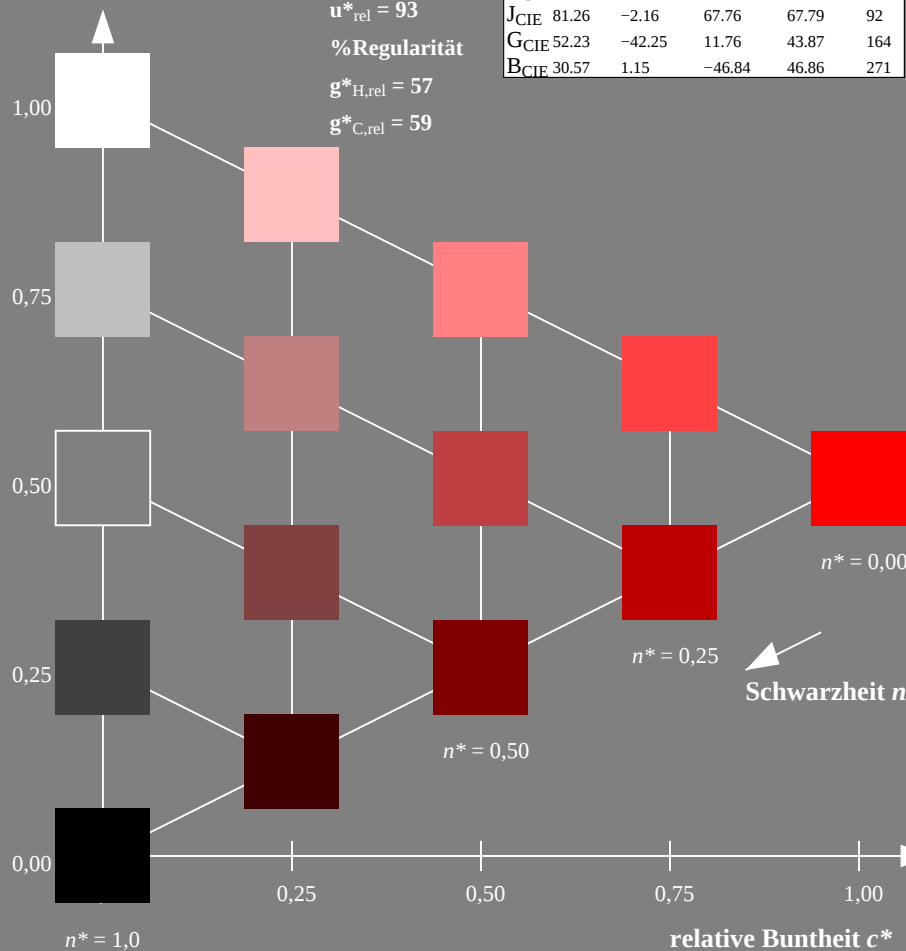
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



NG240-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

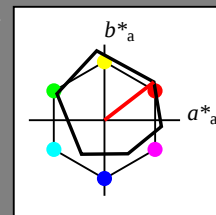
für Buntton  $h^* = lab^*h = 38/360 = 0.105$

$LAB^*LCH$ ,  $LAB^*NCH$

D65: Buntton O

LCH\*Ma: 48 83 38

olv\*Ma: 1.0 0.0 0.0



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>   | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
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| V <sub>m</sub>   | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub>   | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub>   | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</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          |

CIELAB-Helligkeit  $L^*$

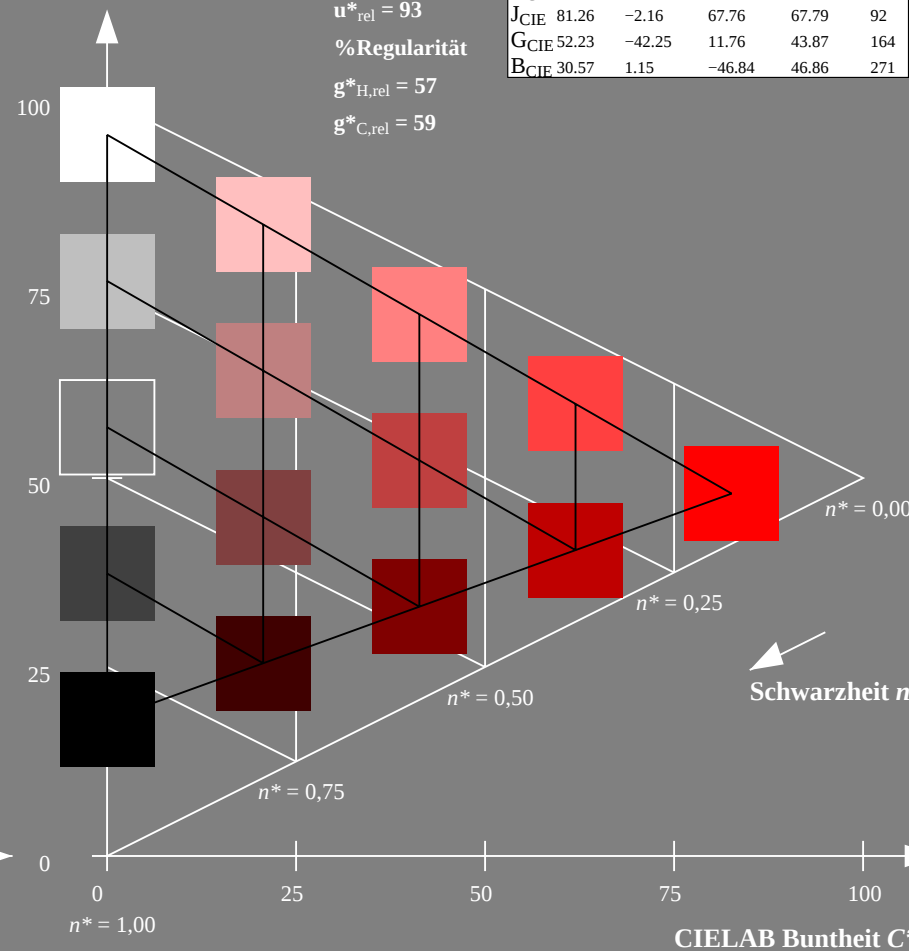
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



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

BAM-Prüfvorlage NG24; Farbmétrik-Systeme ORS18 & ORS18input: olv\* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data dependend

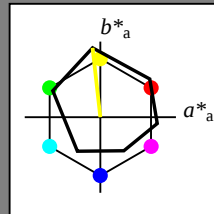
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

D65: Buntton Y

LCH\*Ma: 90 92 96

olv\*Ma: 1.0 1.0 0.0



ORS18; adaptierte CIELAB-Daten

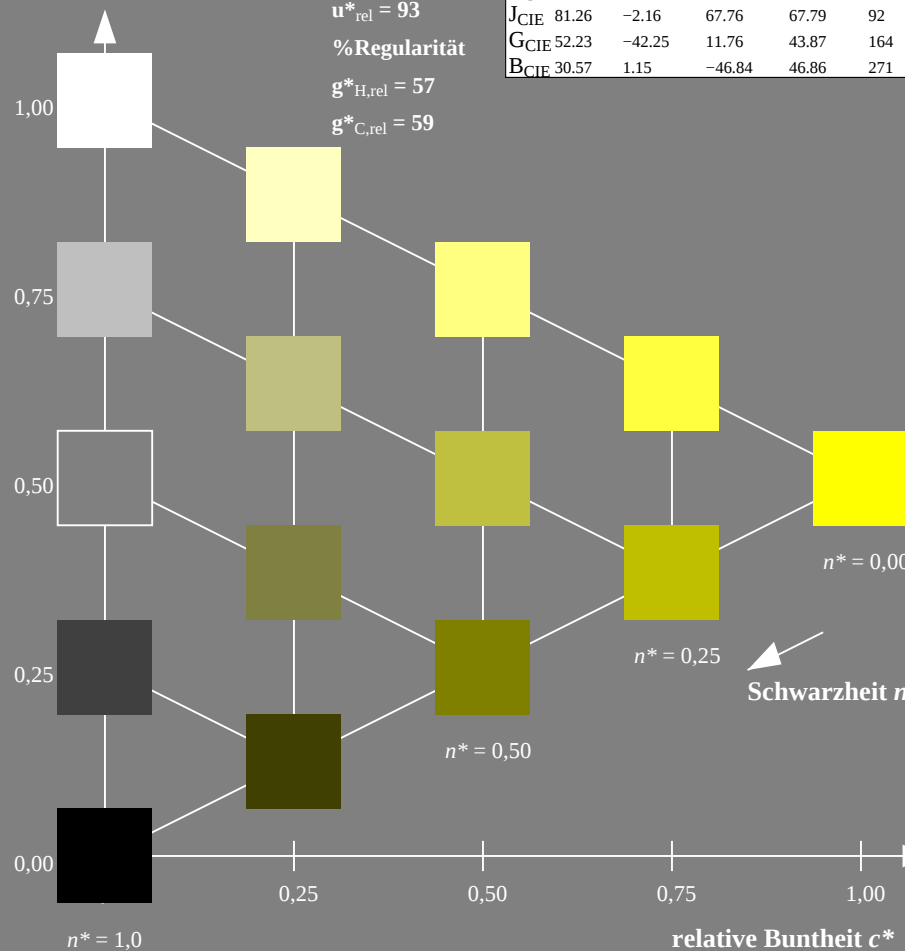
|           | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_m$     | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| $Y_m$     | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| $L_m$     | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| $C_m$     | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| $V_m$     | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| $M_m$     | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| $N_m$     | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| $W_m$     | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| $J_{CIE}$ | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| $G_{CIE}$ | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| $B_{CIE}$ | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

NG240-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

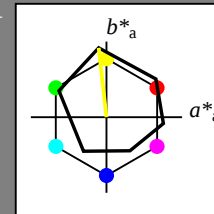
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 96/360 = 0.268$  $LAB^*LCH$ ,  $LAB^*NCH$ 

D65: Buntton Y

LCH\*Ma: 90 92 96

olv\*Ma: 1.0 1.0 0.0



ORS18; adaptierte CIELAB-Daten

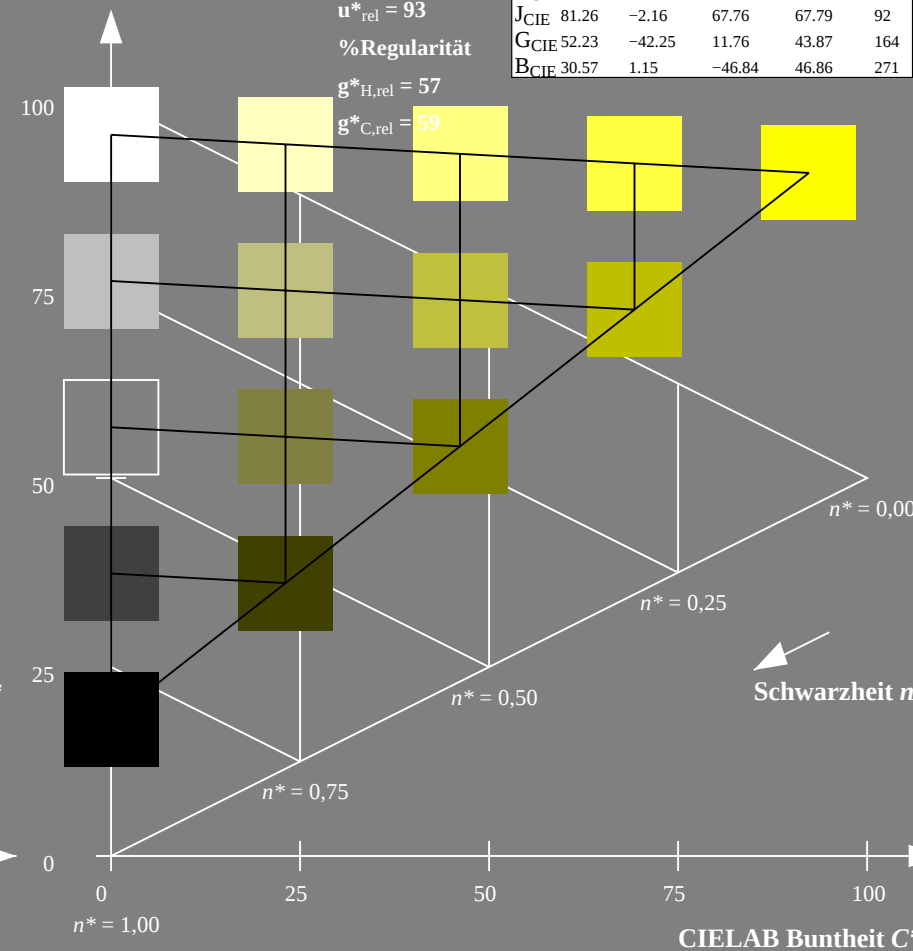
|           | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_m$     | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| $Y_m$     | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| $L_m$     | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| $C_m$     | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| $V_m$     | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| $M_m$     | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| $N_m$     | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| $W_m$     | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| $J_{CIE}$ | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| $G_{CIE}$ | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| $B_{CIE}$ | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

CIELAB-Helligkeit  $L^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

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

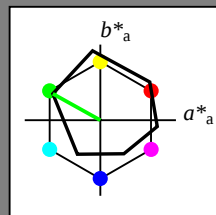
BAM-Prüfvorlage NG24; Farbmétrik-Systeme ORS18 &amp; ORS18input: olv\* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data depend

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

D65: Buntton L  
LCH\*Ma: 51 72 151  
olv\*Ma: 0.0 1.0 0.0



| ORS18; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $O_m$                          | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| $Y_m$                          | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| $L_m$                          | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| $C_m$                          | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| $V_m$                          | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| $M_m$                          | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| $N_m$                          | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| $W_m$                          | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$                      | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| $J_{CIE}$                      | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| $G_{CIE}$                      | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| $B_{CIE}$                      | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

Dreiecks-Helligkeit  $t^*$

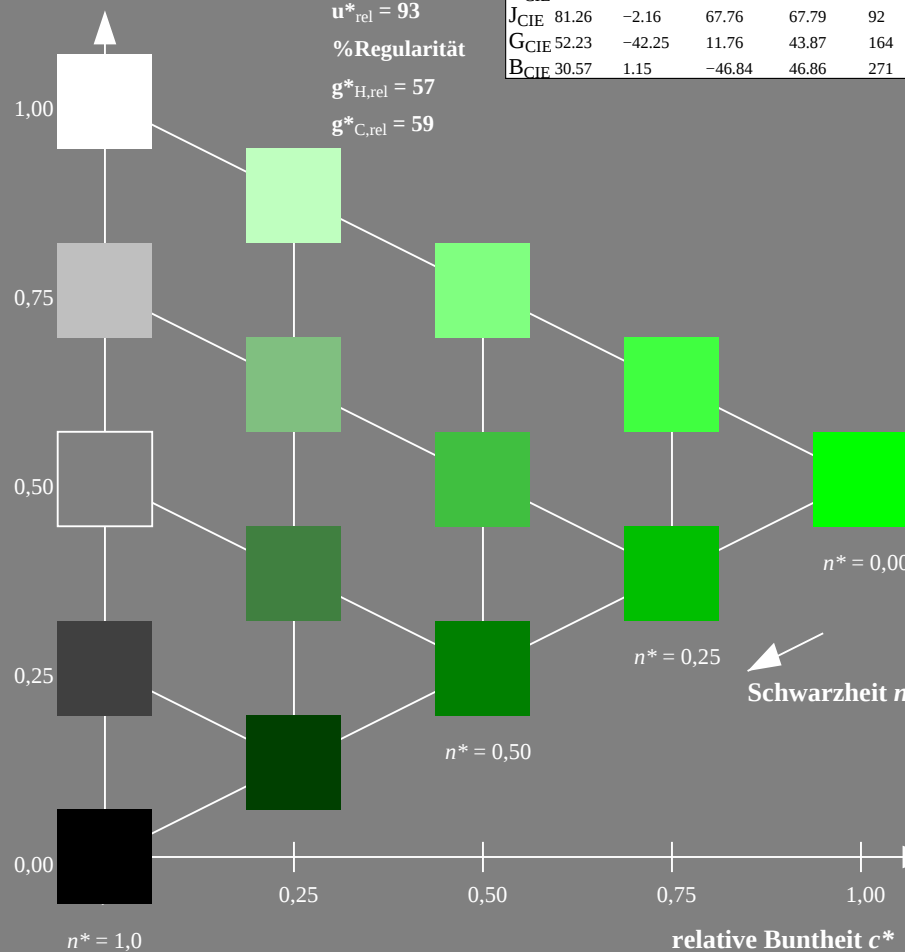
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

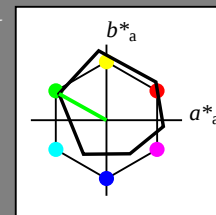


NG240-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 151/360 = 0.419$   
 $LAB^*LCH$ ,  $LAB^*NCH$

D65: Buntton L  
LCH\*Ma: 51 72 151  
olv\*Ma: 0.0 1.0 0.0



| ORS18; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $O_m$                          | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| $Y_m$                          | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| $L_m$                          | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| $C_m$                          | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| $V_m$                          | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| $M_m$                          | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| $N_m$                          | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| $W_m$                          | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$                      | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| $J_{CIE}$                      | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| $G_{CIE}$                      | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| $B_{CIE}$                      | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

CIELAB-Helligkeit  $L^*$

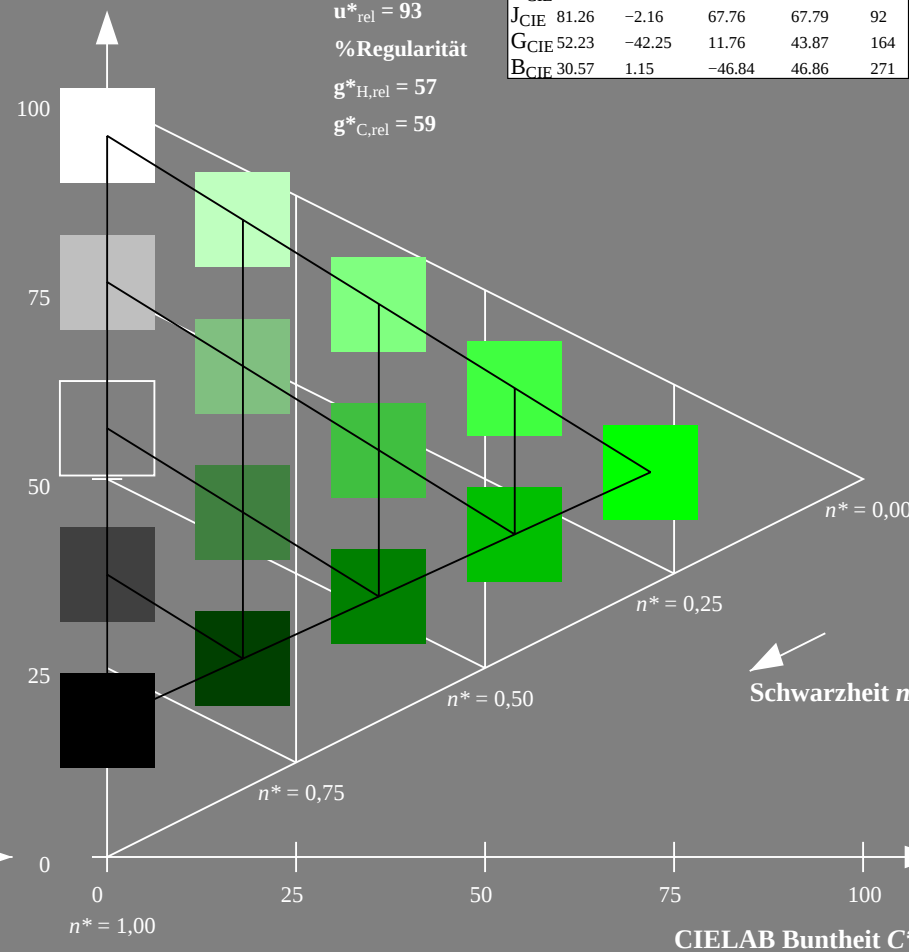
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



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

BAM-Prüfvorlage NG24; Farbmétrik-Systeme ORS18 & ORS18input: olv\* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data depend

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

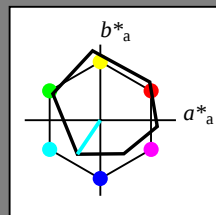
für Buntton  $h^* = lab^*h = 236/360 = 0.656$

$lab^*tch$  und  $lab^*nch$

D65: Buntton C

LCH\*Ma: 59 54 236

olv\*Ma: 0.0 1.0 1.0



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>   | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub>   | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub>   | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub>   | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub>   | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</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          |

Dreiecks-Helligkeit  $t^*$

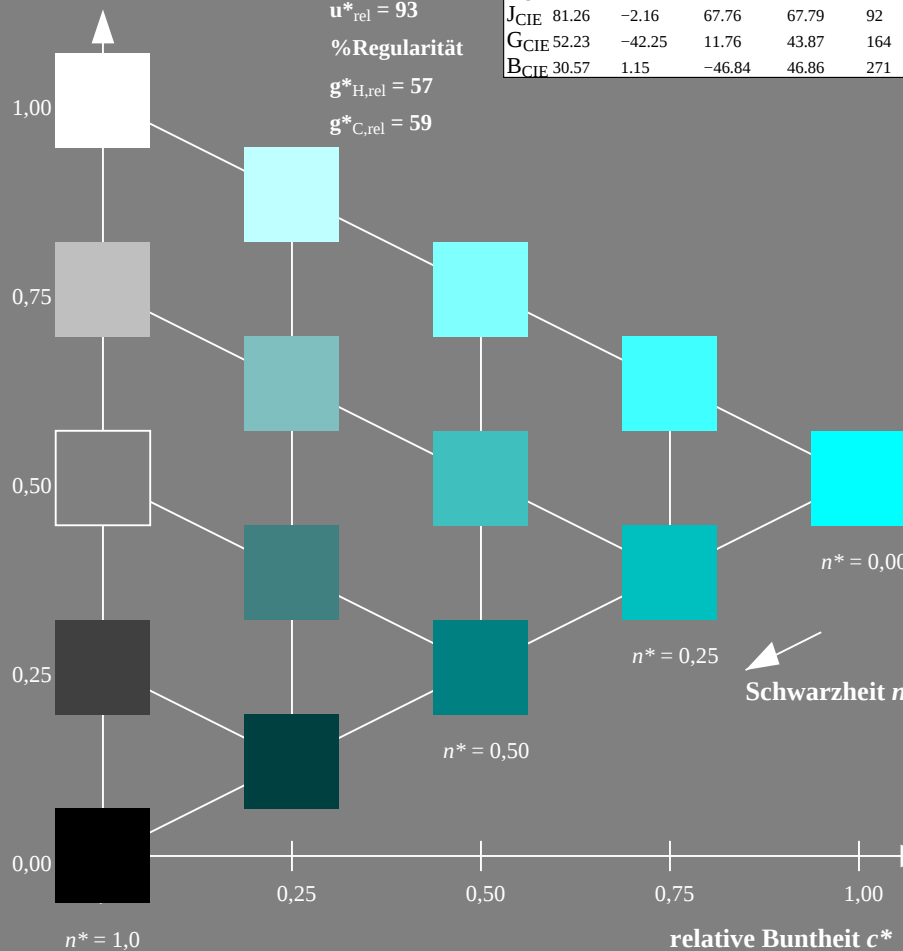
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



NG240-7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

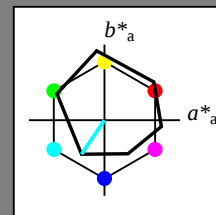
für Buntton  $h^* = lab^*h = 236/360 = 0.656$

$LAB^*LCH$ ,  $LAB^*NCH$

D65: Buntton C

LCH\*Ma: 59 54 236

olv\*Ma: 0.0 1.0 1.0



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
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| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>   | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub>   | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub>   | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub>   | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub>   | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</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           |
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| B <sub>CIE</sub> | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

CIELAB-Helligkeit  $L^*$

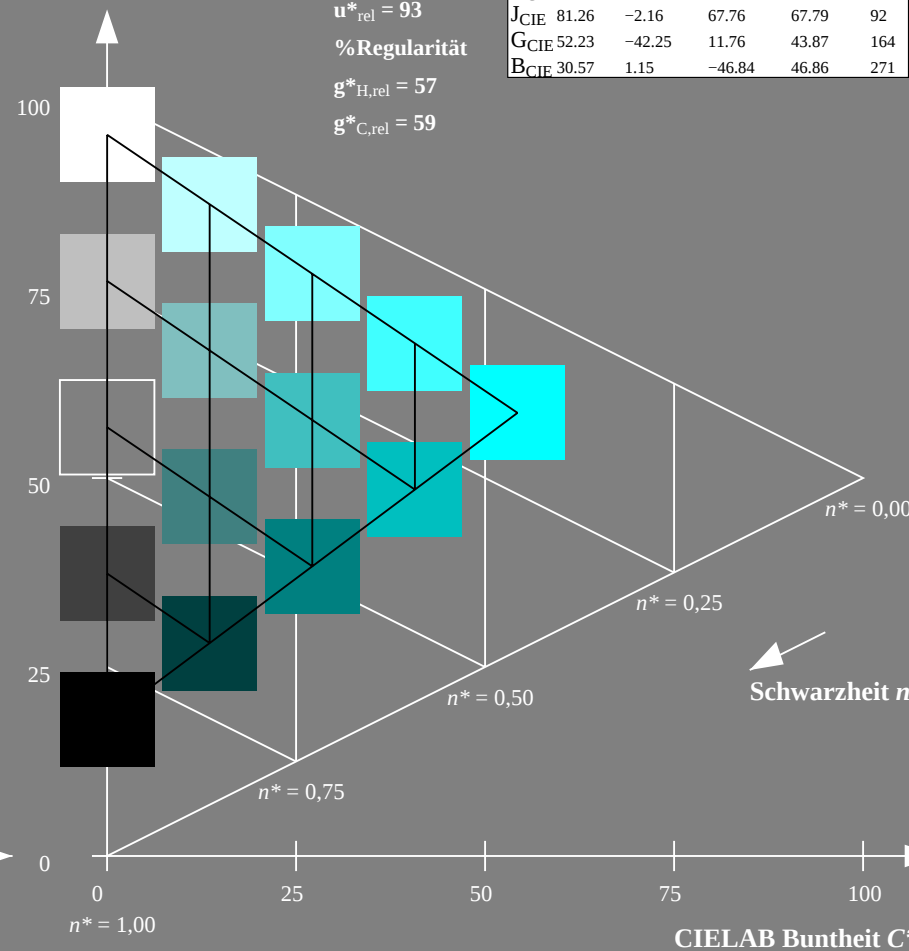
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



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

BAM-Prüfvorlage NG24; Farbmétrik-Systeme ORS18 & ORS18input: olv\* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data dependant

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

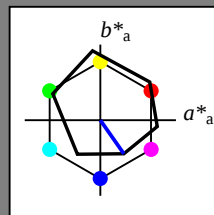
für Buntton  $h^* = lab^*h = 305/360 = 0.847$

$lab^*tch$  und  $lab^*nch$

D65: Buntton V

LCH\*Ma: 26 54 305

olv\*Ma: 0.0 0.0 1.0



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>   | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub>   | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub>   | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub>   | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub>   | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</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          |

Dreiecks-Helligkeit  $t^*$

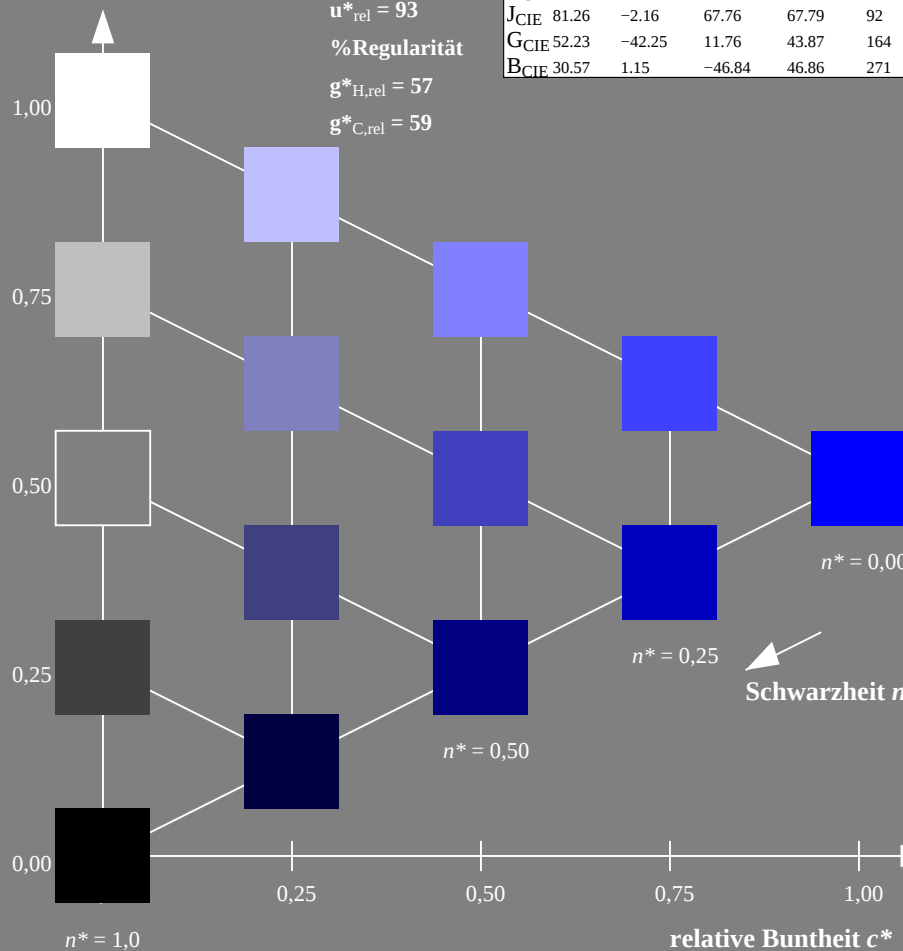
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



NG240-7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

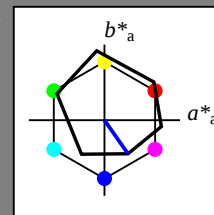
für Buntton  $h^* = lab^*h = 305/360 = 0.847$

$LAB^*LCH$ ,  $LAB^*NCH$

D65: Buntton V

LCH\*Ma: 26 54 305

olv\*Ma: 0.0 0.0 1.0



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>   | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub>   | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub>   | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub>   | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub>   | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</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          |

CIELAB-Helligkeit  $L^*$

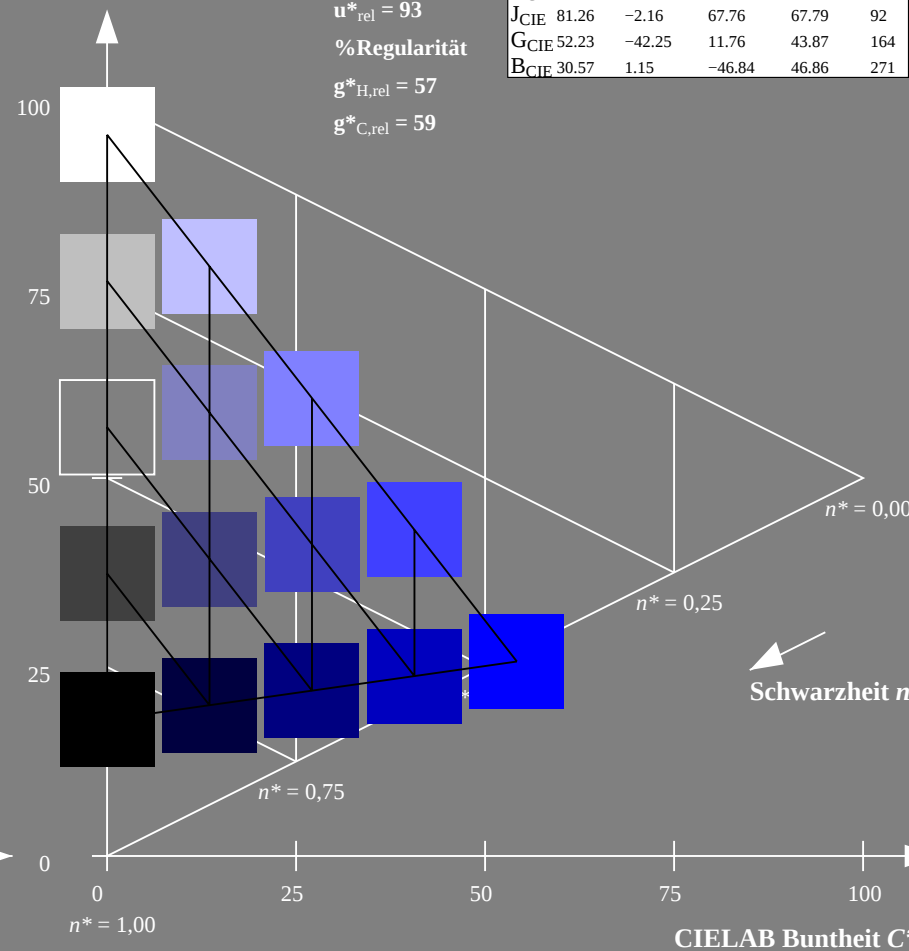
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



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

BAM-Prüfvorlage NG24; Farbmétrik-Systeme ORS18 & ORS18input: olv\* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data depend

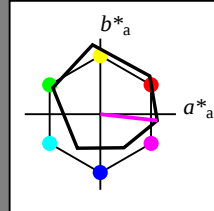
Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

D65: Buntton M

LCH\*Ma: 48 76 354

olv\*Ma: 1.0 0.0 1.0



ORS18; adaptierte CIELAB-Daten

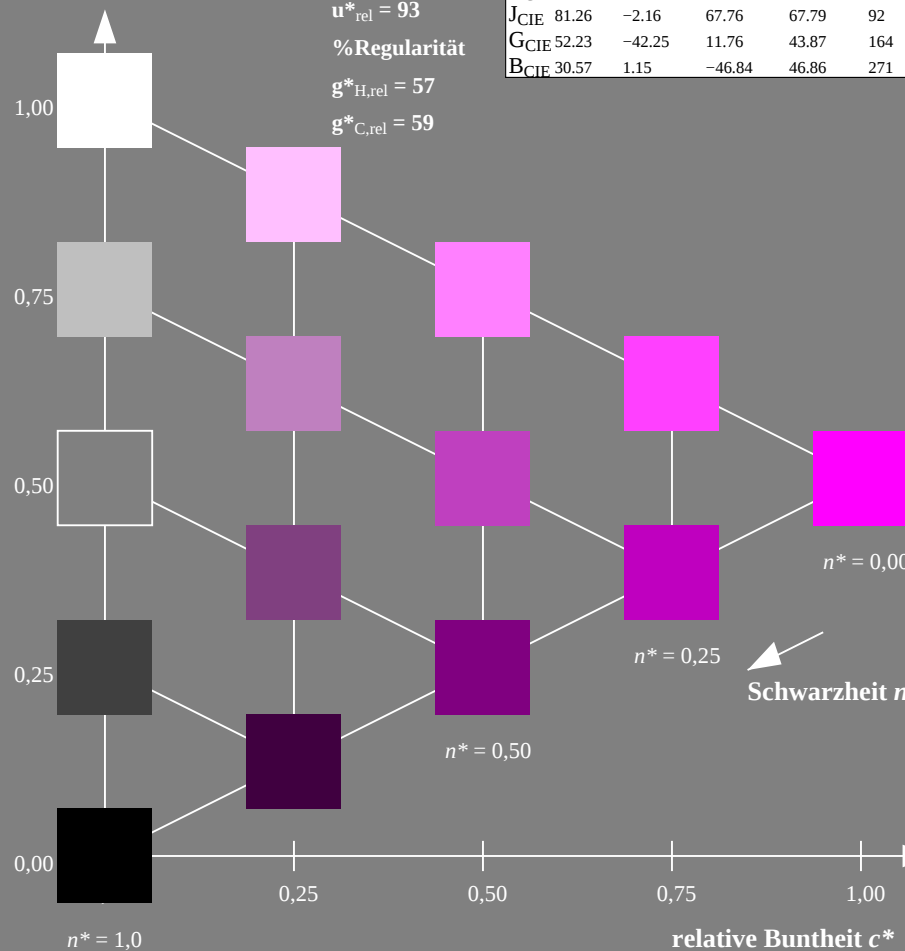
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>   | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub>   | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub>   | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub>   | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub>   | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</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          |

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

NG240-7, 5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (links)

BAM-Prüfvorlage NG24; Farbmatrik-Systeme ORS18 &amp; ORS18input: olv\* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data dependend

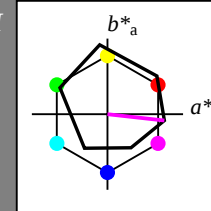
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 354/360 = 0.982$  $LAB^*LCH$ ,  $LAB^*NCH$ 

D65: Buntton M

LCH\*Ma: 48 76 354

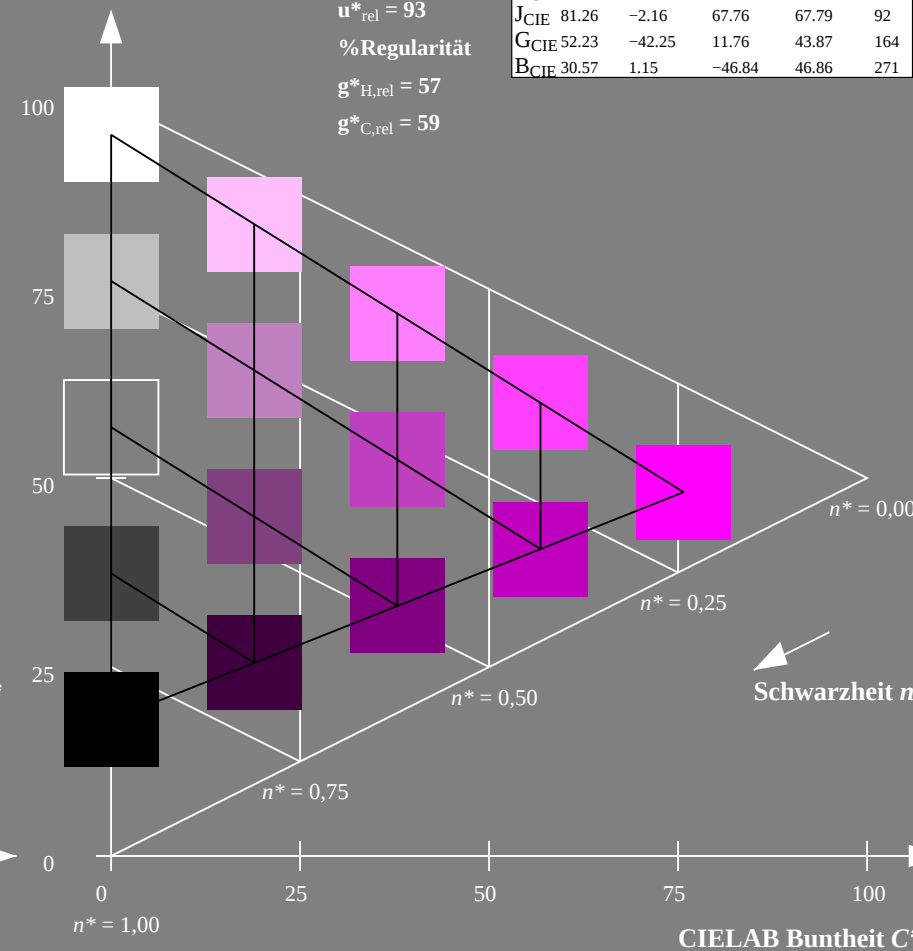
olv\*Ma: 1.0 0.0 1.0

CIELAB-Helligkeit  $L^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

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

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

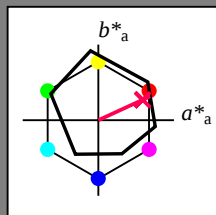
für Buntton  $h^* = lab^*h = 25/360 = 0.069$

$lab^*tch$  und  $lab^*nch$

D65: Buntton R

LCH\*Ma: 48 75 25

olv\*Ma: 1.0 0.0 0.32



ORS18; adaptierte CIELAB-Daten

|                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub> | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub> | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub> | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub> | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub> | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub> | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub> | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</sub> | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>m</sub> | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| J <sub>m</sub> | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| G <sub>m</sub> | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| B <sub>m</sub> | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

Dreiecks-Helligkeit  $t^*$

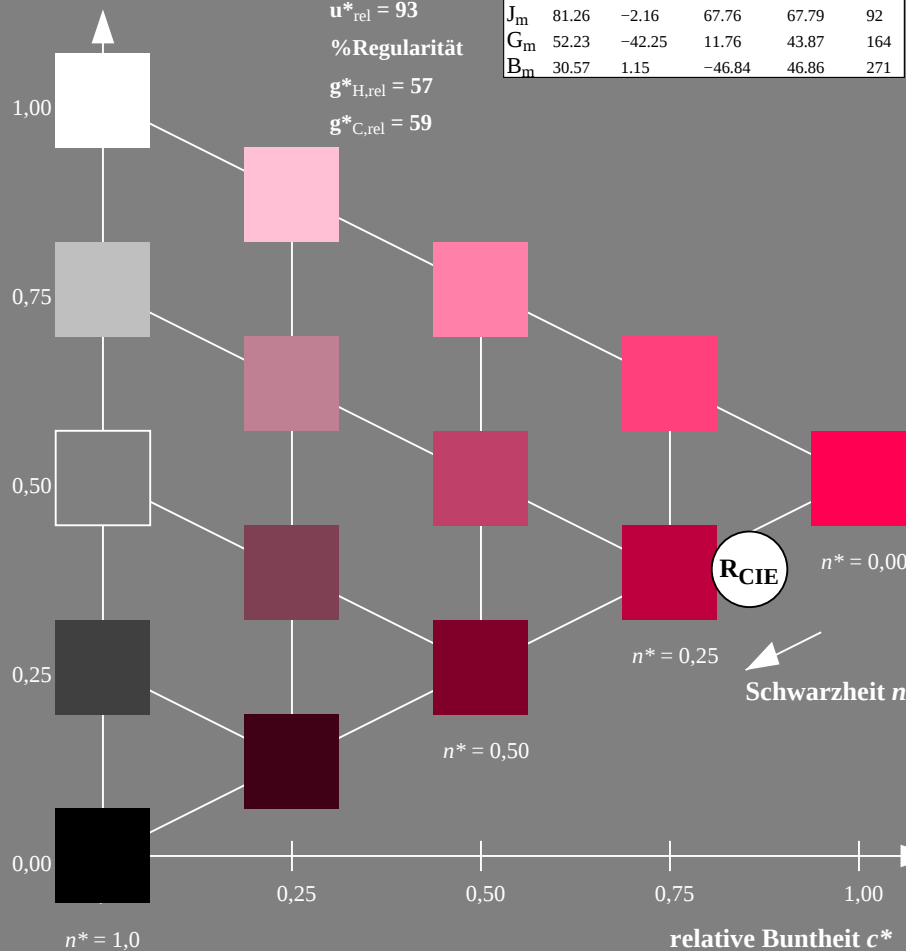
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



NG240-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

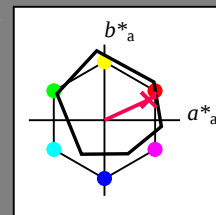
für Buntton  $h^* = lab^*h = 25/360 = 0.069$

$LAB^*LCH$ ,  $LAB^*NCH$

D65: Buntton R

LCH\*Ma: 48 75 25

olv\*Ma: 1.0 0.0 0.32



ORS18; adaptierte CIELAB-Daten

|                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub> | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub> | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub> | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub> | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub> | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub> | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub> | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</sub> | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>m</sub> | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| J <sub>m</sub> | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| G <sub>m</sub> | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| B <sub>m</sub> | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

CIELAB-Helligkeit  $L^*$

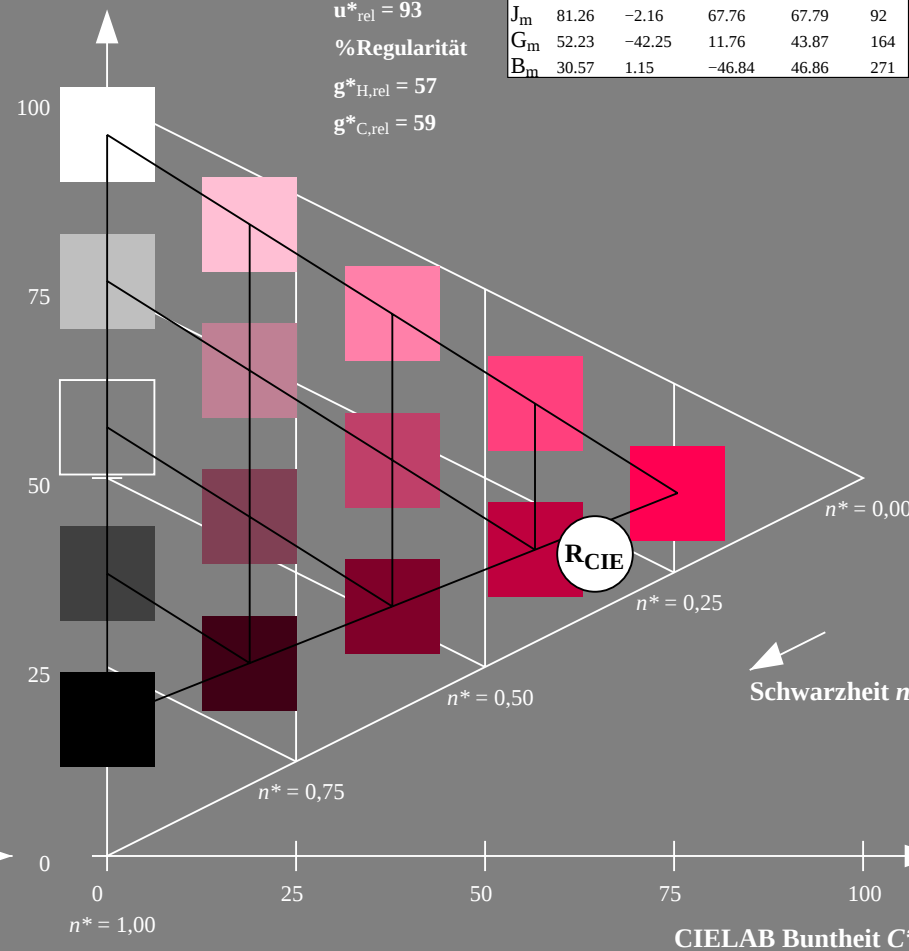
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



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

BAM-Prüfvorlage NG24; Farbmétrik-Systeme ORS18 & ORS18input: olv\* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data dependend

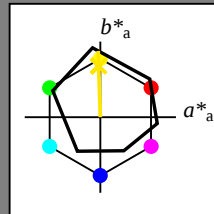
Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab \cdot h = 92/360 = 0.255$  $lab \cdot tch$  und  $lab \cdot nch$ 

D65: Buntton J

LCH\*Ma: 86 88 92

olv\*Ma: 1.0 0.9 0.0



ORS18; adaptierte CIELAB-Daten

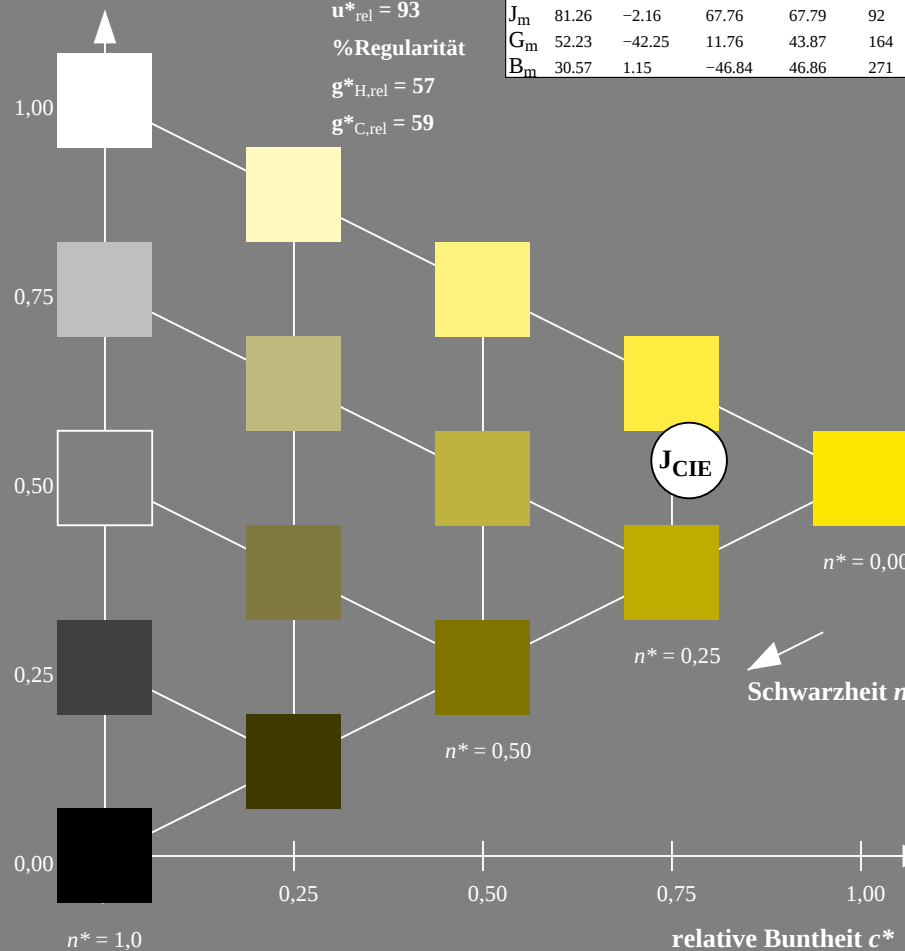
|                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub> | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub> | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub> | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub> | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub> | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub> | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub> | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</sub> | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>m</sub> | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| J <sub>m</sub> | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| G <sub>m</sub> | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| B <sub>m</sub> | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

NG240-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

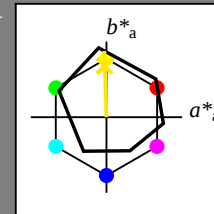
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab \cdot h = 92/360 = 0.255$  $LAB \cdot LCH$ ,  $LAB \cdot NCH$ 

D65: Buntton J

LCH\*Ma: 86 88 92

olv\*Ma: 1.0 0.9 0.0



ORS18; adaptierte CIELAB-Daten

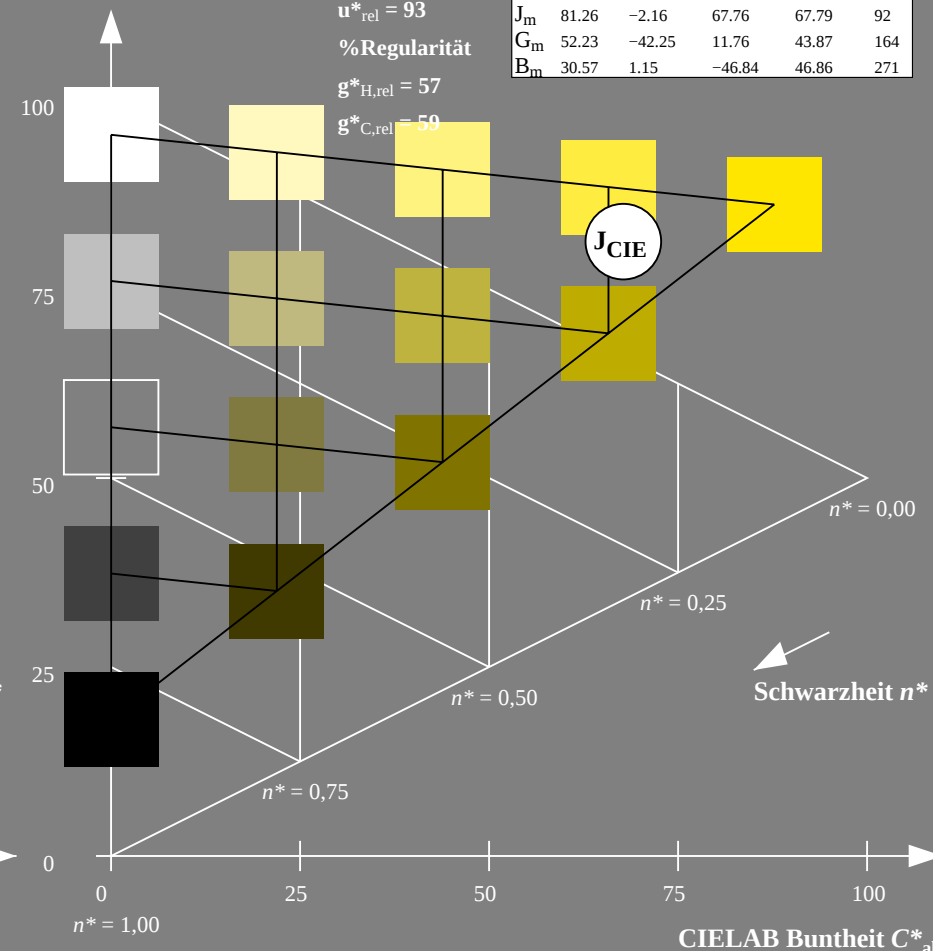
|                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub> | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub> | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub> | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub> | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub> | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub> | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub> | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</sub> | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>m</sub> | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| J <sub>m</sub> | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| G <sub>m</sub> | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| B <sub>m</sub> | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

CIELAB-Helligkeit  $L^*$ 

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

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

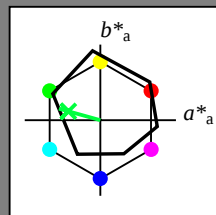
BAM-Prüfvorlage NG24; Farbmatrik-Systeme ORS18 &amp; ORS18input: olv\* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data dependend

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

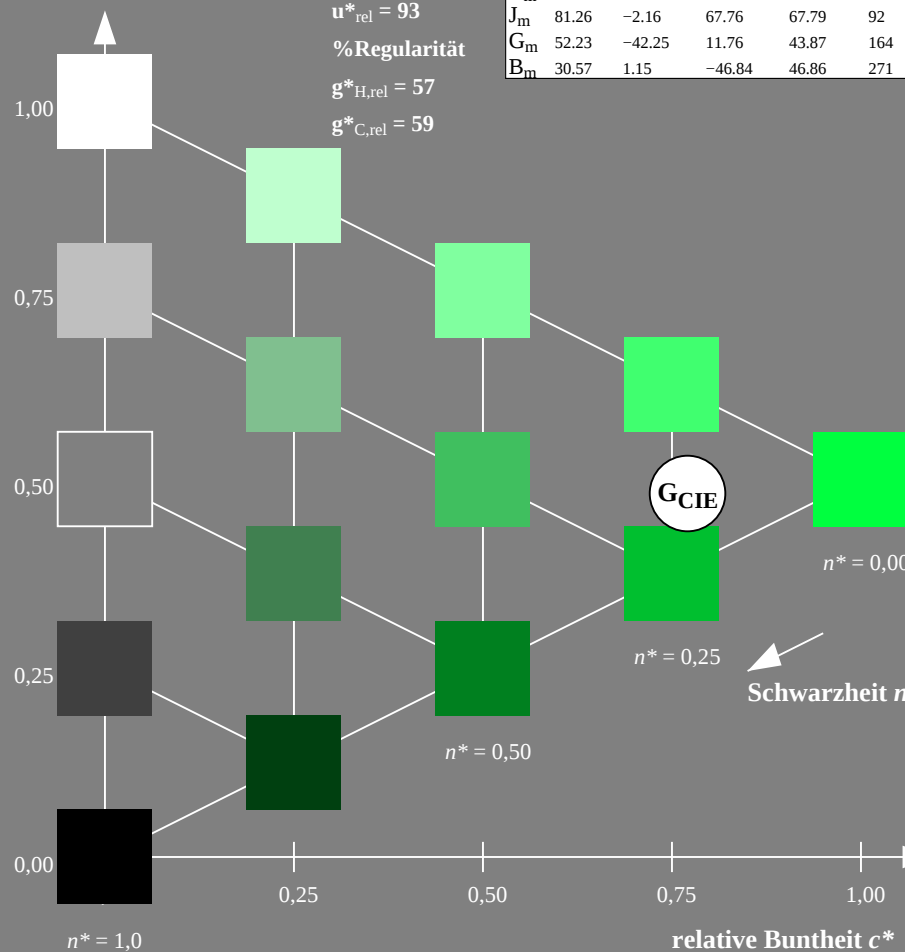
für Buntton  $h^* = lab^*h = 164/360 = 0.457$   
 $lab^*tch$  und  $lab^*nch$

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



| ORS18; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>m</sub>                 | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>                 | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>                 | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub>                 | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub>                 | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub>                 | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub>                 | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</sub>                 | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>m</sub>                 | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| J <sub>m</sub>                 | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| G <sub>m</sub>                 | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| B <sub>m</sub>                 | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

Dreiecks-Helligkeit  $t^*$

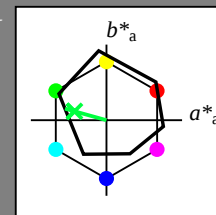


NG240-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

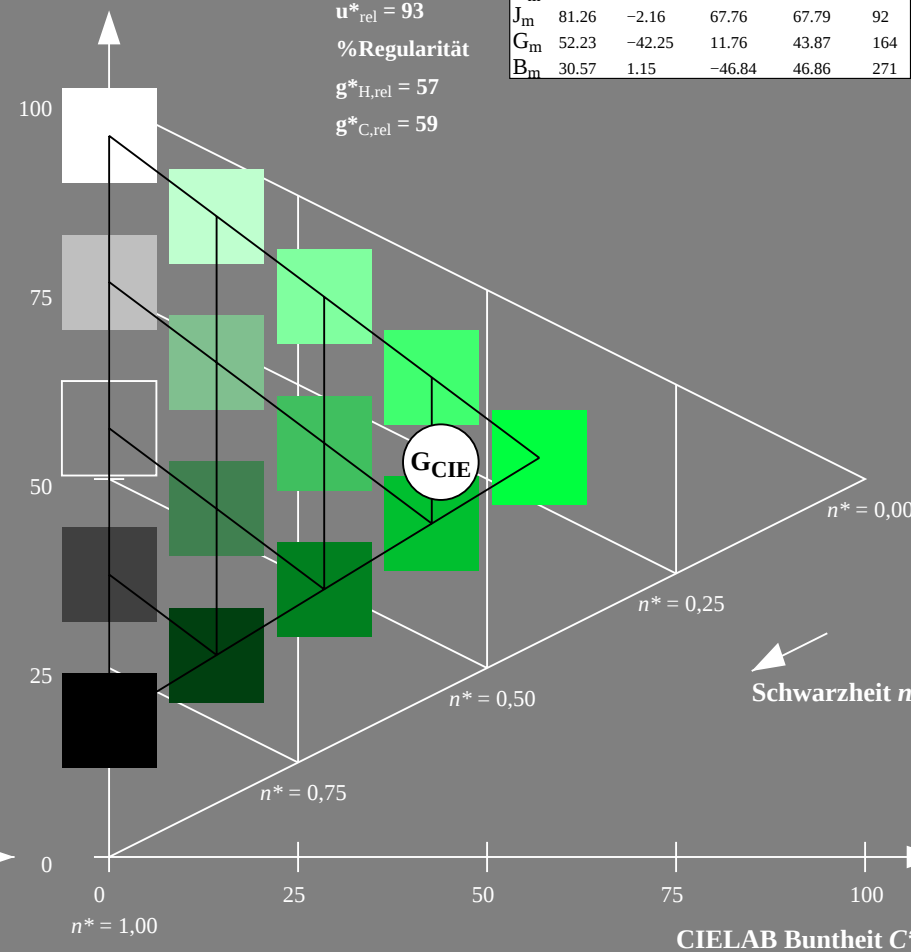
für Buntton  $h^* = lab^*h = 164/360 = 0.457$   
 $LAB^*LCH$ ,  $LAB^*NCH$

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



| ORS18; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>m</sub>                 | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>                 | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>                 | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub>                 | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub>                 | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub>                 | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub>                 | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</sub>                 | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>m</sub>                 | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| J <sub>m</sub>                 | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| G <sub>m</sub>                 | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| B <sub>m</sub>                 | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

CIELAB-Helligkeit  $L^*$



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

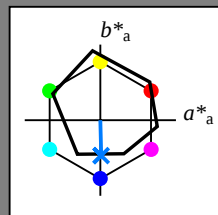
BAM-Prüfvorlage NG24; Farbmétrik-Systeme ORS18 & ORS18input: olv\* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data dependant

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

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



| ORS18; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>m</sub>                 | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>                 | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>                 | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub>                 | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub>                 | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub>                 | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub>                 | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</sub>                 | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>m</sub>                 | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| J <sub>m</sub>                 | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| G <sub>m</sub>                 | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| B <sub>m</sub>                 | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

Dreiecks-Helligkeit  $t^*$

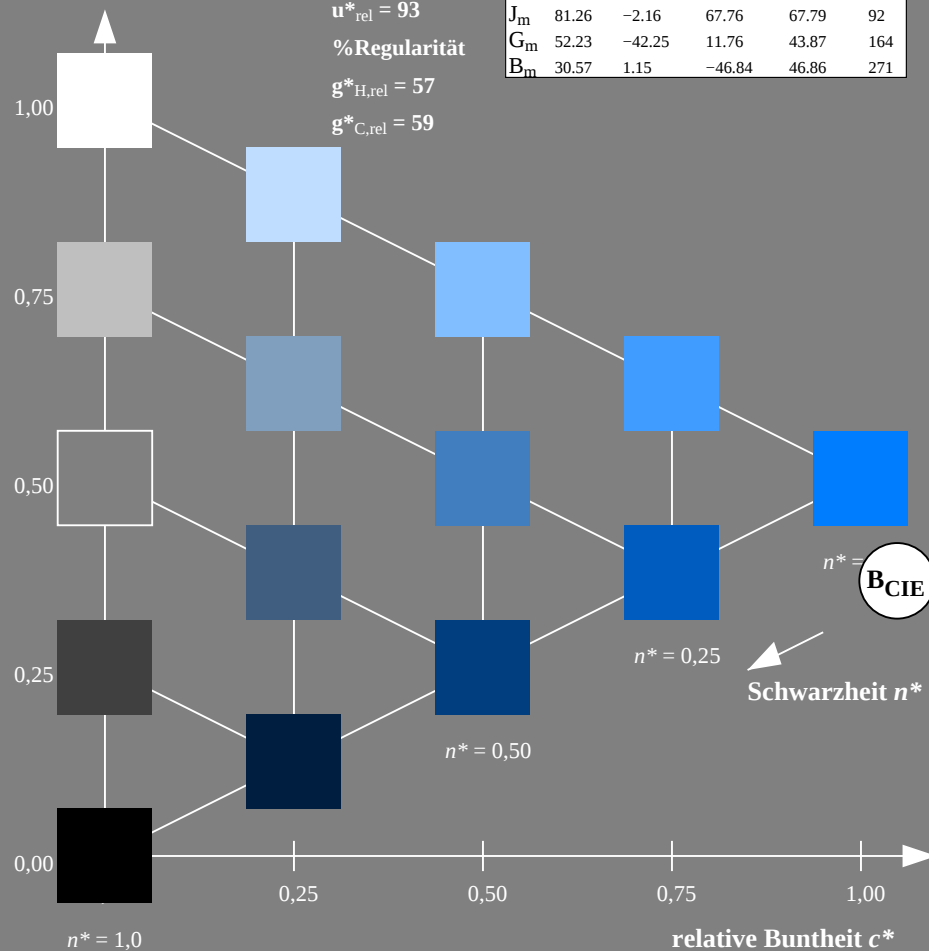
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

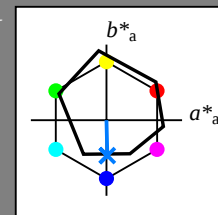


NG240-7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 271/360 = 0.754$   
 $LAB^*LCH$ ,  $LAB^*NCH$

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



| ORS18; adaptierte CIELAB-Daten |             |         |         |              |              |
|--------------------------------|-------------|---------|---------|--------------|--------------|
|                                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>m</sub>                 | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>                 | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>                 | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>m</sub>                 | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>m</sub>                 | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>m</sub>                 | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>m</sub>                 | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>m</sub>                 | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>m</sub>                 | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| J <sub>m</sub>                 | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| G <sub>m</sub>                 | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| B <sub>m</sub>                 | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

CIELAB-Helligkeit  $L^*$

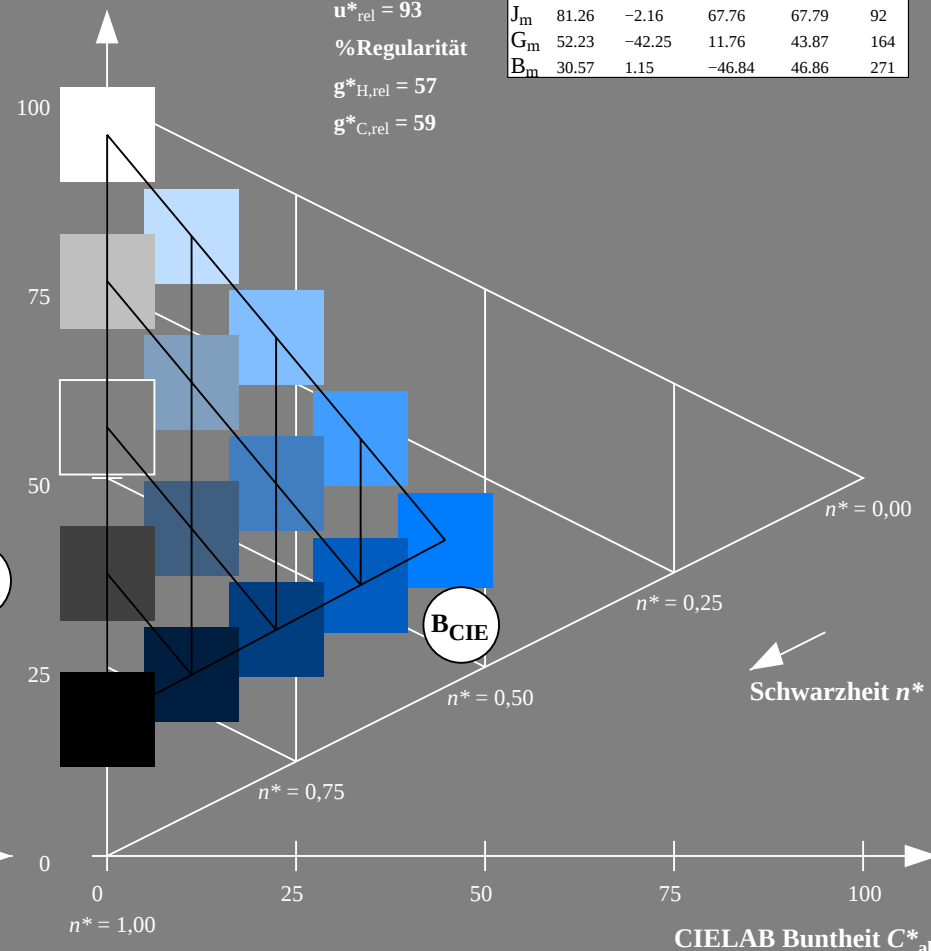
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



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

BAM-Prüfvorlage NG24; Farbmétrik-Systeme ORS18 & ORS18input: olv\* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data dependend