

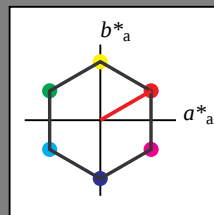
Eingabe: Farbmatisches Standard-Reflektiv-System SRS18

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

D65: Buntton O

LCH\*Ma: 57 77 30

olv\*Ma: 1.0 0.0 0.0



SRS18; adaptierte CIELAB-Daten

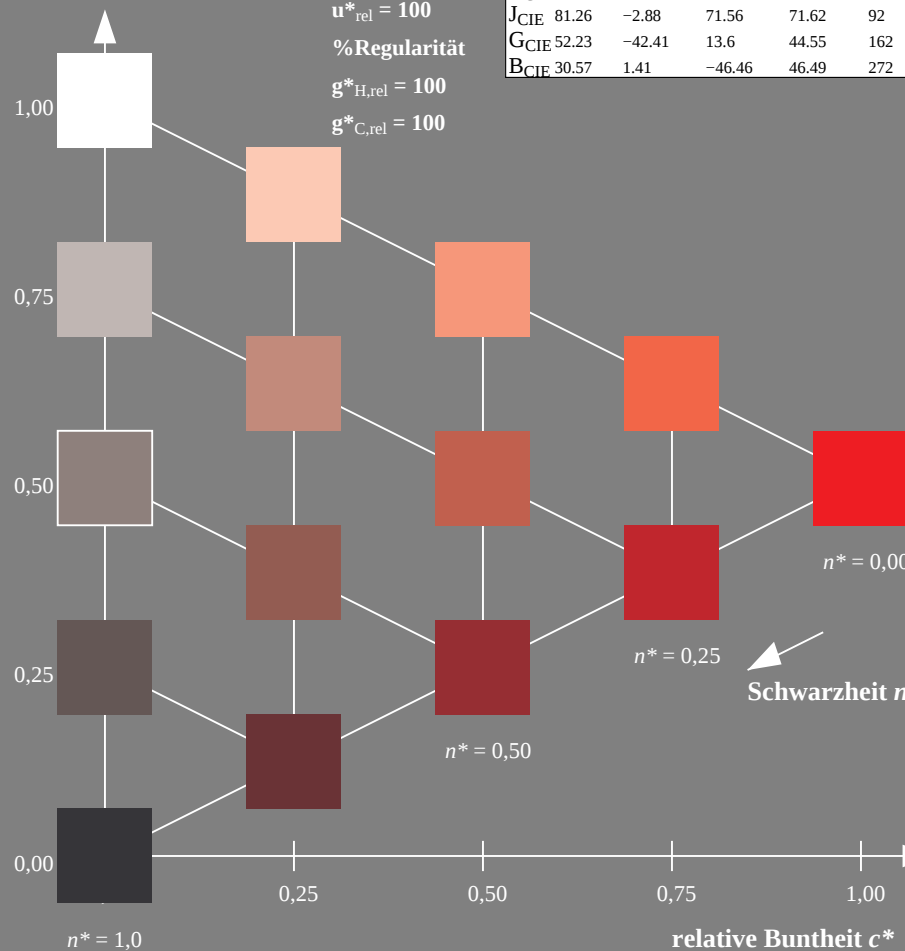
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>m</sub>   | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| L <sub>m</sub>   | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| C <sub>m</sub>   | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| V <sub>m</sub>   | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| M <sub>m</sub>   | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| 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       | 58.74   | 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          |

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 100$ 

%Regularität

 $g^*_{H,rel} = 100$  $g^*_{C,rel} = 100$ 

OG270-7, 5 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

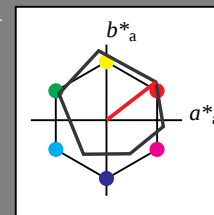
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

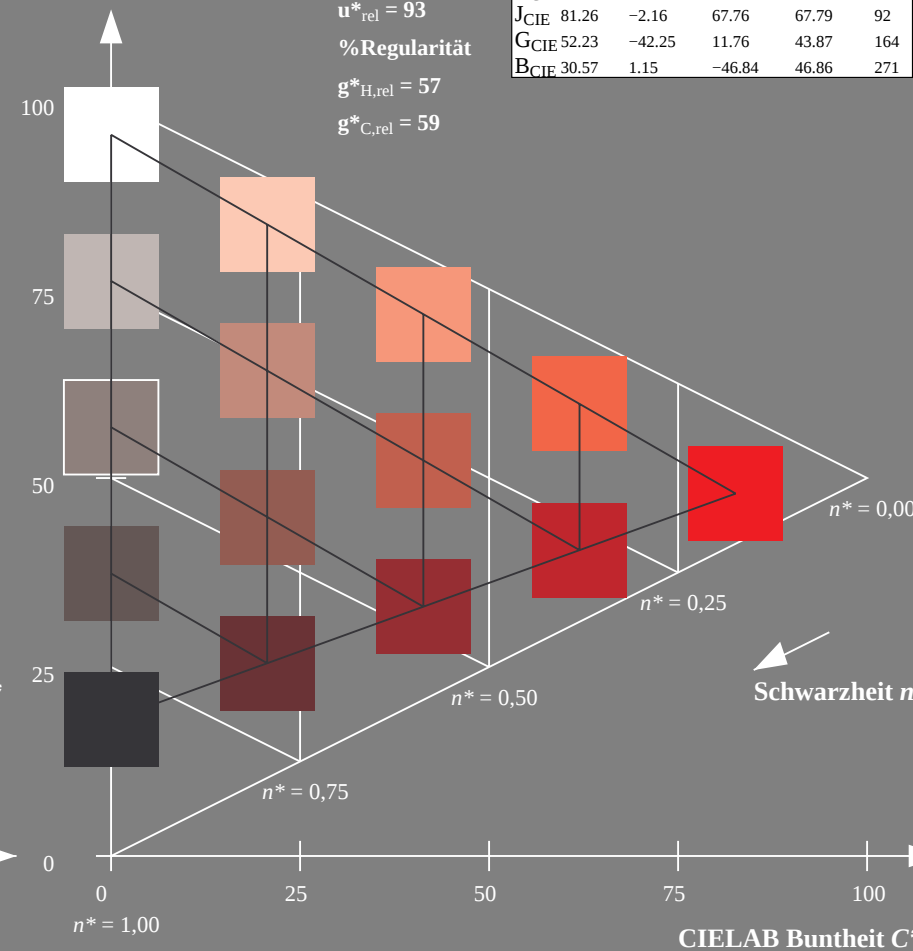
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>m</sub>   | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| 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 38/360 = 0.105 (rechts)

BAM-Prüfvorlage OG27; Farbmatrik-Systeme ORS18 &amp; ORS18input: cmy0\* setcmykcolor

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttoninput: Startup (S) data dependant

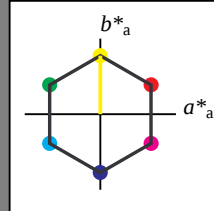
## Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

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

D65: Buntton Y

LCH\*Ma: 57 77 90

olv\*Ma: 1.0 1.0 0.0



## SRS18; adaptierte CIELAB-Daten

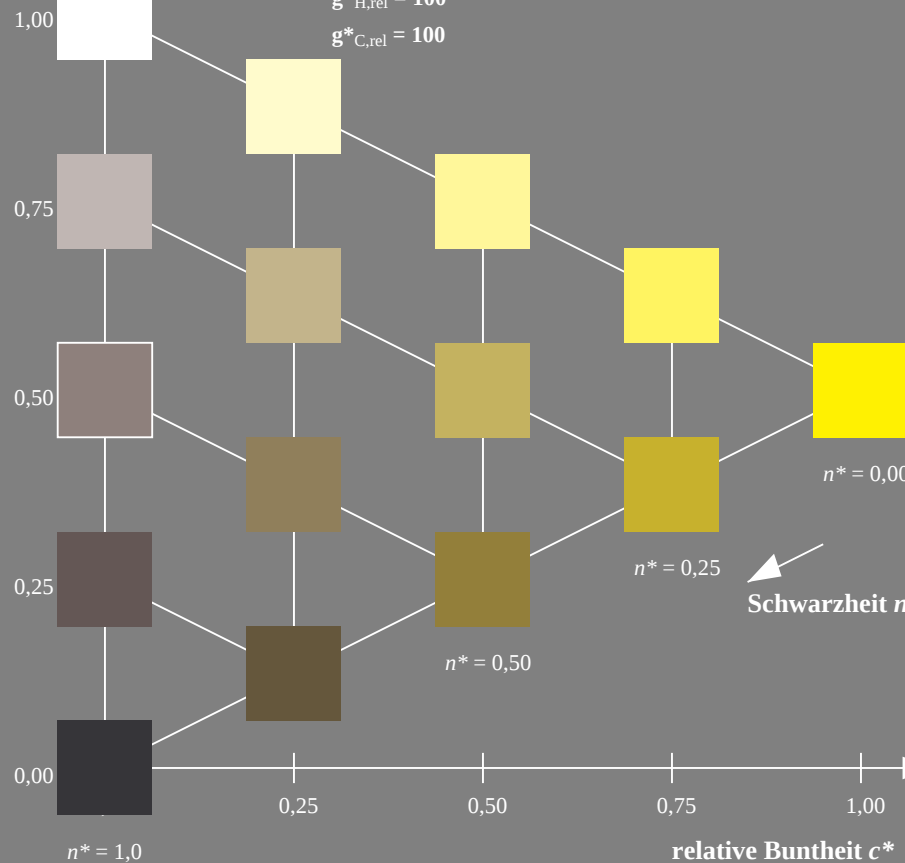
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>m</sub>   | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| L <sub>m</sub>   | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| C <sub>m</sub>   | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| V <sub>m</sub>   | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| M <sub>m</sub>   | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| 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       | 58.74   | 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          |

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 100$ 

%Regularität

 $g^*_{H,rel} = 100$  $g^*_{C,rel} = 100$ 

OG270-7, 5 stufige Reihen für konstanten CIELAB Buntton 90/360 = 0.25 (links)

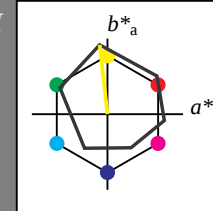
## Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

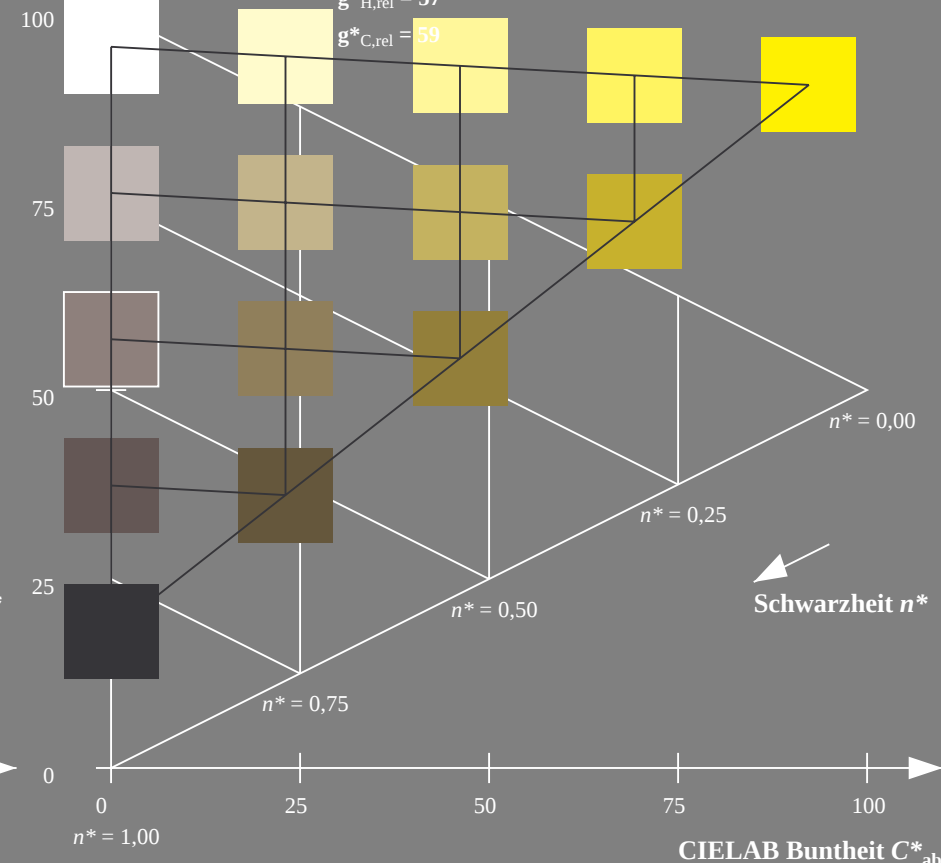
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 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 96/360 = 0.268 (rechts)

BAM-Prüfvorlage OG27; Farbmétrik-Systeme ORS18 & ORS18input:  $cmY0^* setcmykcolor$ 

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttoninput: Startup (S) data dependant

Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab \cdot h = 150/360 = 0.417$  $lab \cdot tch$  und  $lab \cdot nch$ 

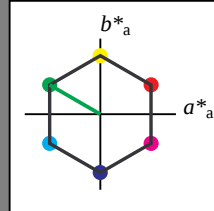
D65: Buntton L

LCH\*Ma: 57 77 150

olv\*Ma: 0.0 1.0 0.0

SRS18; adaptierte CIELAB-Daten

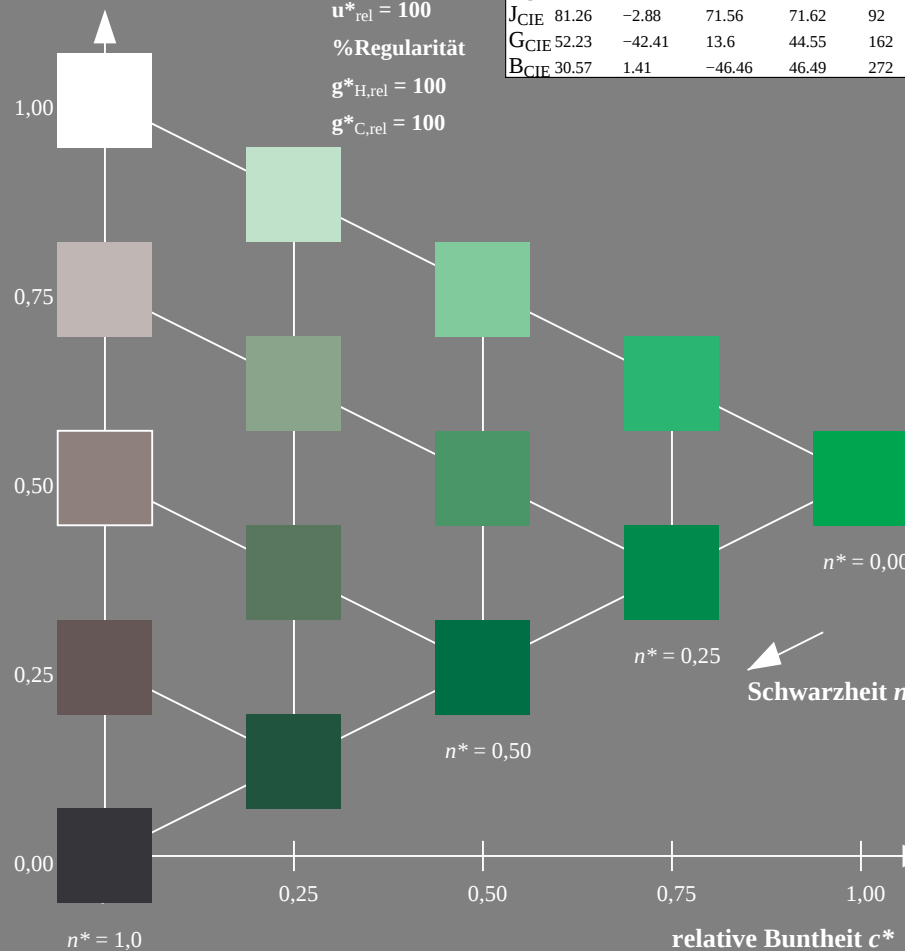
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>m</sub>   | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| L <sub>m</sub>   | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| C <sub>m</sub>   | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| V <sub>m</sub>   | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| M <sub>m</sub>   | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| 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       | 58.74   | 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          |

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 100$ 

%Regularität

 $g^*_{H,rel} = 100$  $g^*_{C,rel} = 100$ 

OG270-7, 5 stufige Reihen für konstanten CIELAB Buntton 150/360 = 0.417 (links)

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

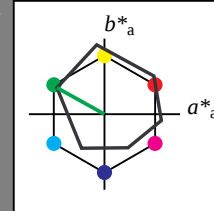
D65: Buntton L

LCH\*Ma: 51 72 151

olv\*Ma: 0.0 1.0 0.0

ORS18; adaptierte CIELAB-Daten

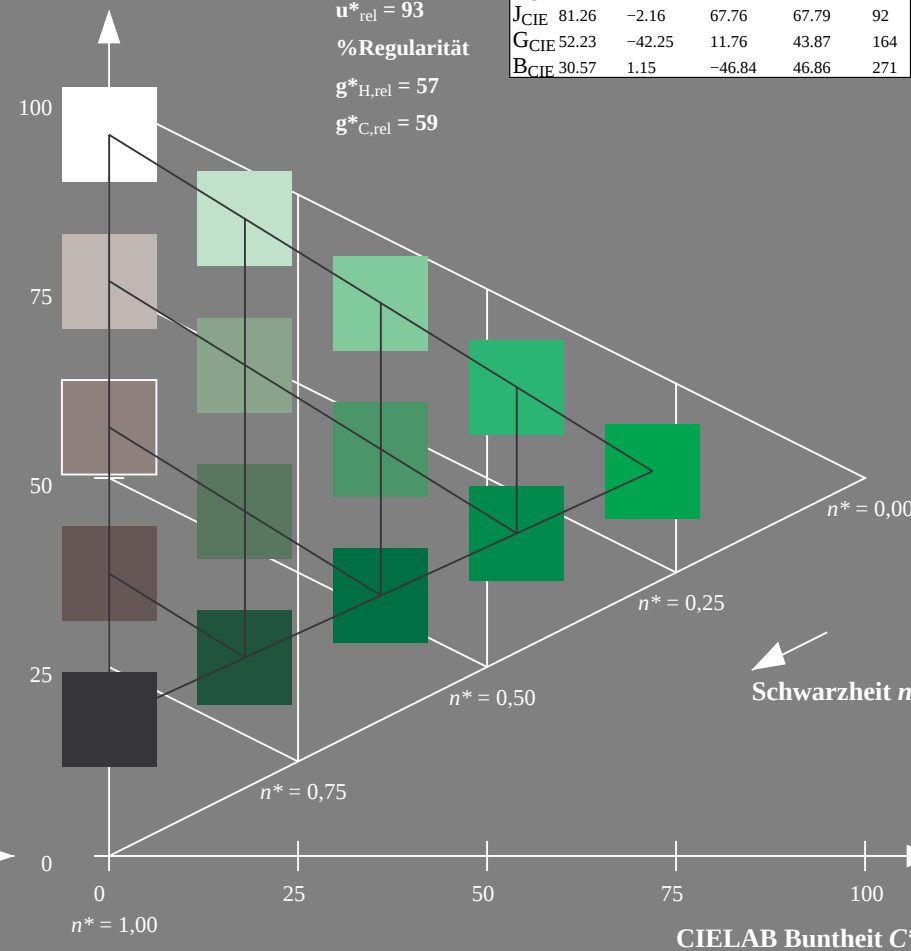
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 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 151/360 = 0.419 (rechts)

BAM-Prüfvorlage OG27; Farbmétrik-Systeme ORS18 &amp; ORS18input: cmy0\* setcmykcolor

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttoninput: Startup (S) data dependant

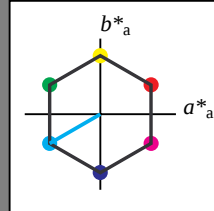
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

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

D65: Buntton C

LCH\*Ma: 57 77 210

olv\*Ma: 0.0 1.0 1.0



SRS18; adaptierte CIELAB-Daten

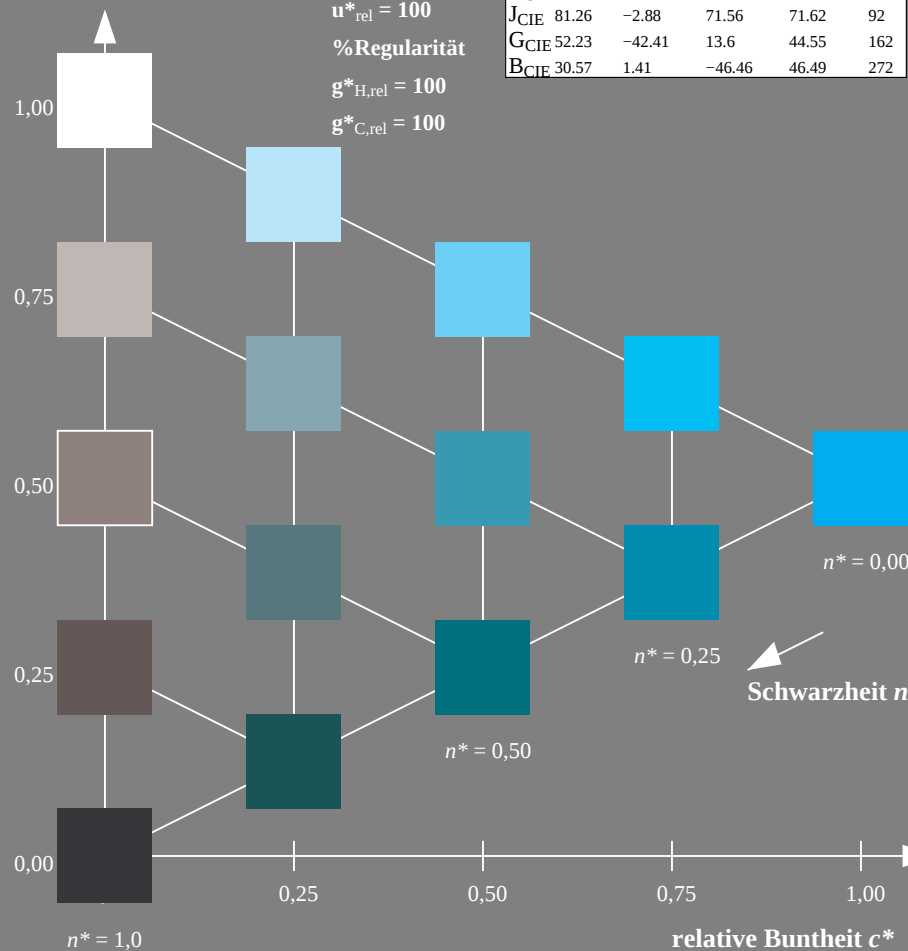
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>m</sub>   | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| L <sub>m</sub>   | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| C <sub>m</sub>   | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| V <sub>m</sub>   | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| M <sub>m</sub>   | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| 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       | 58.74   | 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          |

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 100$ 

%Regularität

 $g^*_{H,rel} = 100$  $g^*_{C,rel} = 100$ 

OG270-7, 5 stufige Reihen für konstanten CIELAB Buntton 210/360 = 0.583 (links)

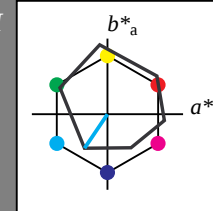
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

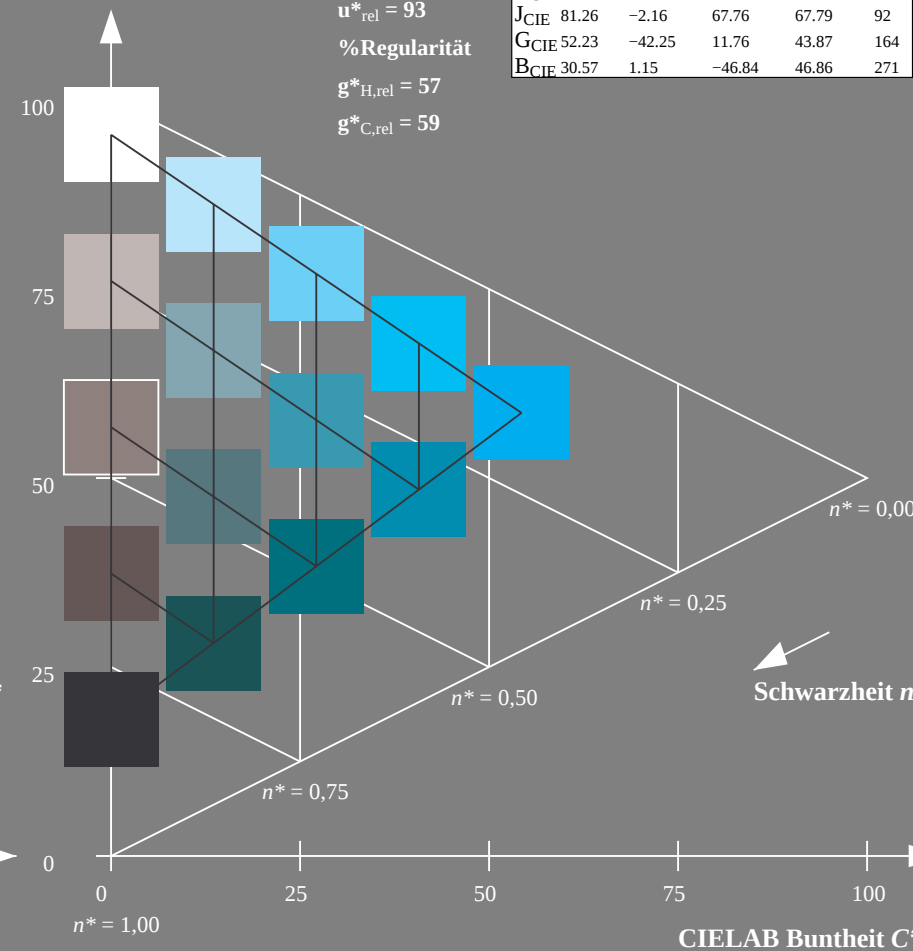
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 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 236/360 = 0.656 (rechts)

BAM-Prüfvorlage OG27; Farbmétrik-Systeme ORS18 & ORS18input:  $cmy0^* setcmykcolor$ 

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttoninput: Startup (S) data dependant

Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

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

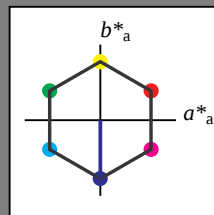
D65: Buntton V

LCH\*Ma: 57 77 270

olv\*Ma: 0.0 0.0 1.0

SRS18; adaptierte CIELAB-Daten

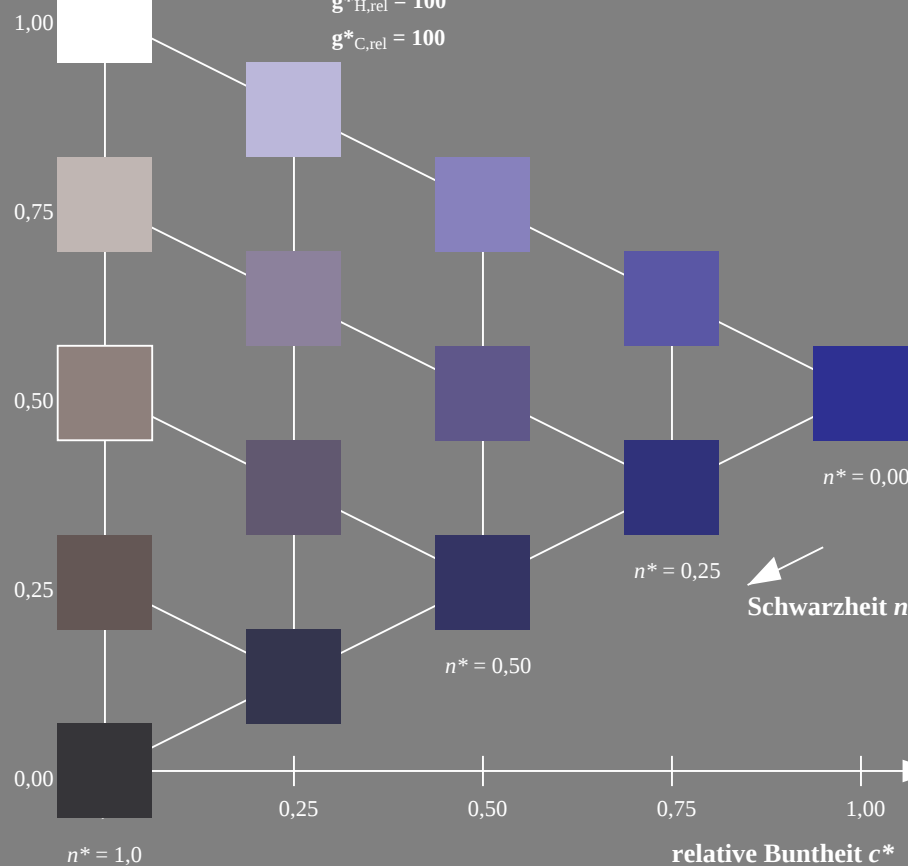
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>m</sub>   | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| L <sub>m</sub>   | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| C <sub>m</sub>   | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| V <sub>m</sub>   | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| M <sub>m</sub>   | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| 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       | 58.74   | 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          |

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 100$ 

%Regularität

 $g^*_{H,rel} = 100$  $g^*_{C,rel} = 100$ 

OG270-7, 5 stufige Reihen für konstanten CIELAB Buntton 270/360 = 0.75 (links)

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 305/360 = 0.847$  $LAB^*LCH$ ,  $LAB^*NCH$ 

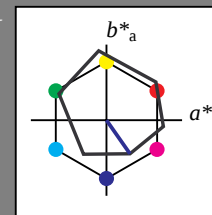
D65: Buntton V

LCH\*Ma: 26 54 305

olv\*Ma: 0.0 0.0 1.0

ORS18; adaptierte CIELAB-Daten

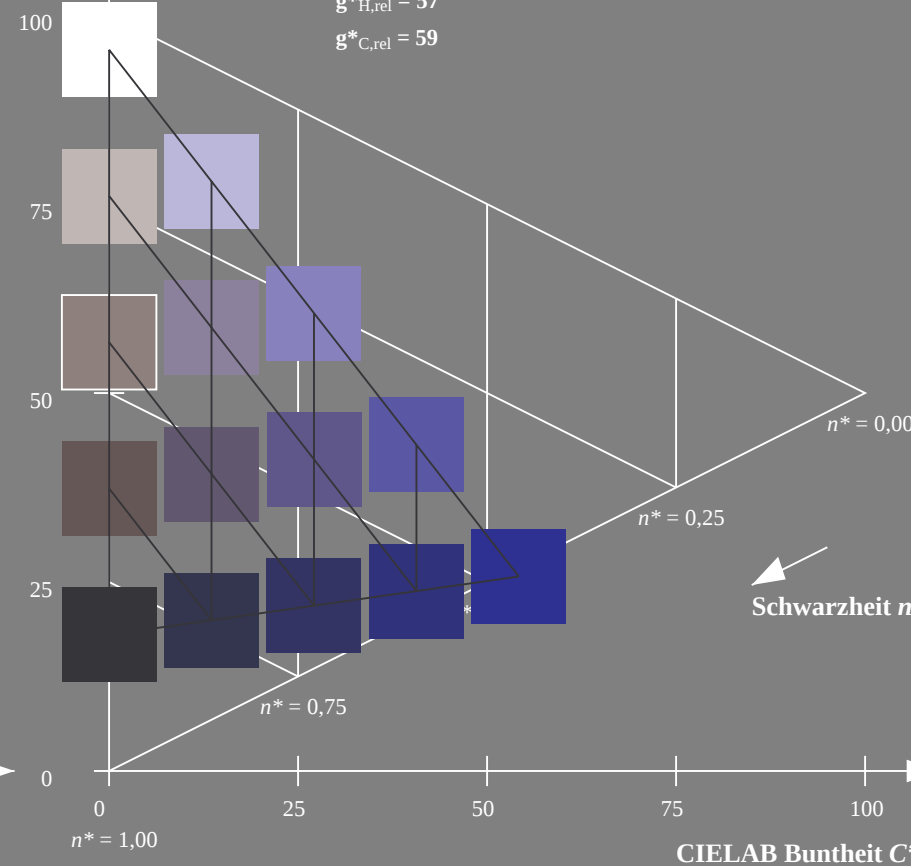
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 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 OG27; Farbmétrik-Systeme ORS18 & ORS18input:  $cmY^*setcmykcolor$ 

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttoninput: Startup (S) data dependant

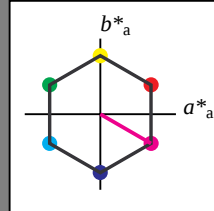
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

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

D65: Buntton M

LCH\*Ma: 57 77 330

olv\*Ma: 1.0 0.0 1.0



SRS18; adaptierte CIELAB-Daten

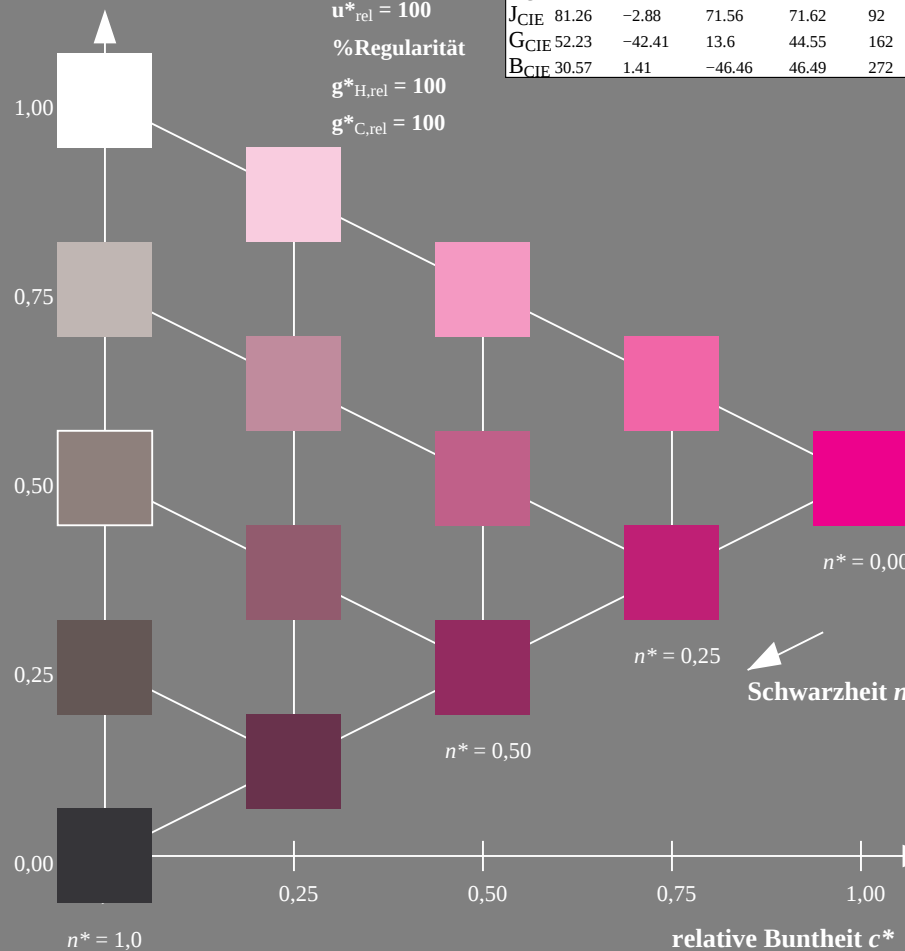
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>m</sub>   | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| L <sub>m</sub>   | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| C <sub>m</sub>   | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| V <sub>m</sub>   | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| M <sub>m</sub>   | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| 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       | 58.74   | 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          |

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 100$ 

%Regularität

 $g^*_{H,rel} = 100$  $g^*_{C,rel} = 100$ 

OG270-7, 5 stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.917 (links)

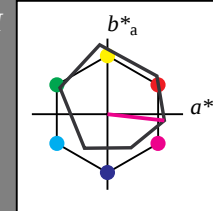
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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



ORS18; adaptierte CIELAB-Daten

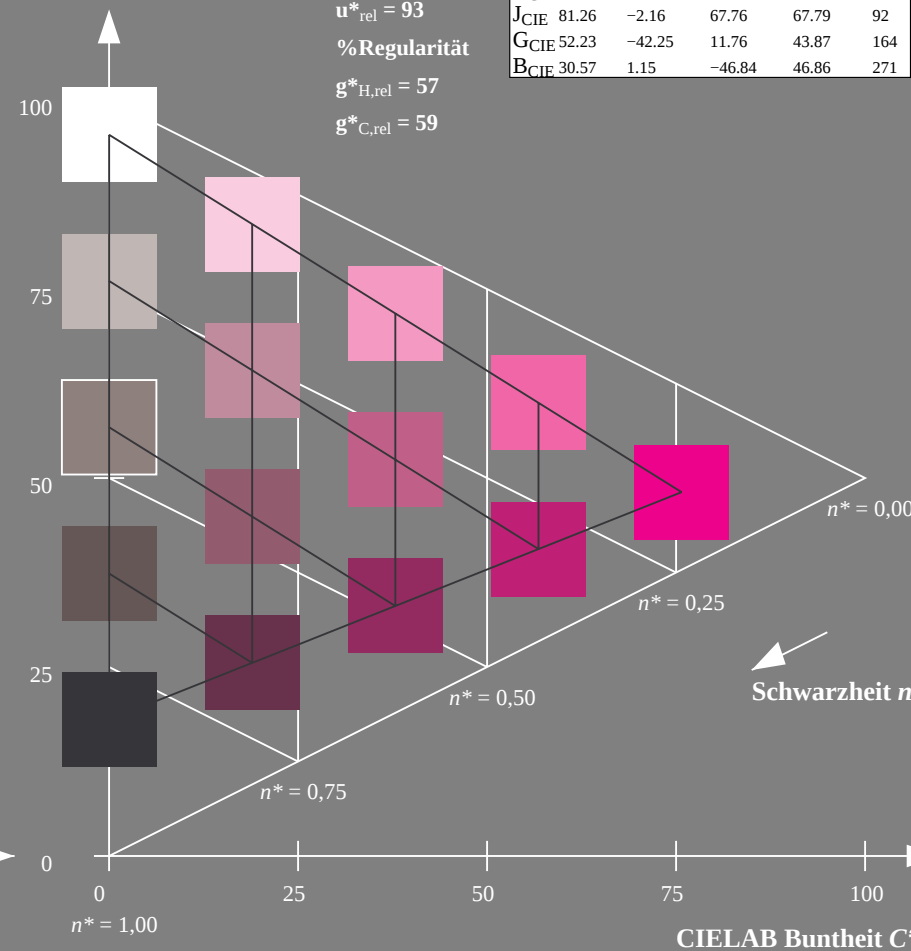
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub>   | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub>   | 90.37       | -10.26  | 91.75   | 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 354/360 = 0.982 (rechts)

BAM-Prüfvorlage OG27; Farbmétrik-Systeme ORS18 &amp; ORS18input: cmy0\* setcmykcolor

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttoninput: Startup (S) data dependant

Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab \cdot h = 25/360 = 0.071$  $lab \cdot tch$  und  $lab \cdot nch$ 

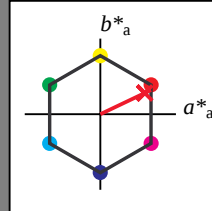
D65: Buntton R

LCH\*Ma: 57 74 25

olv\*Ma: 1.0 0.0 0.09

SRS18; adaptierte CIELAB-Daten

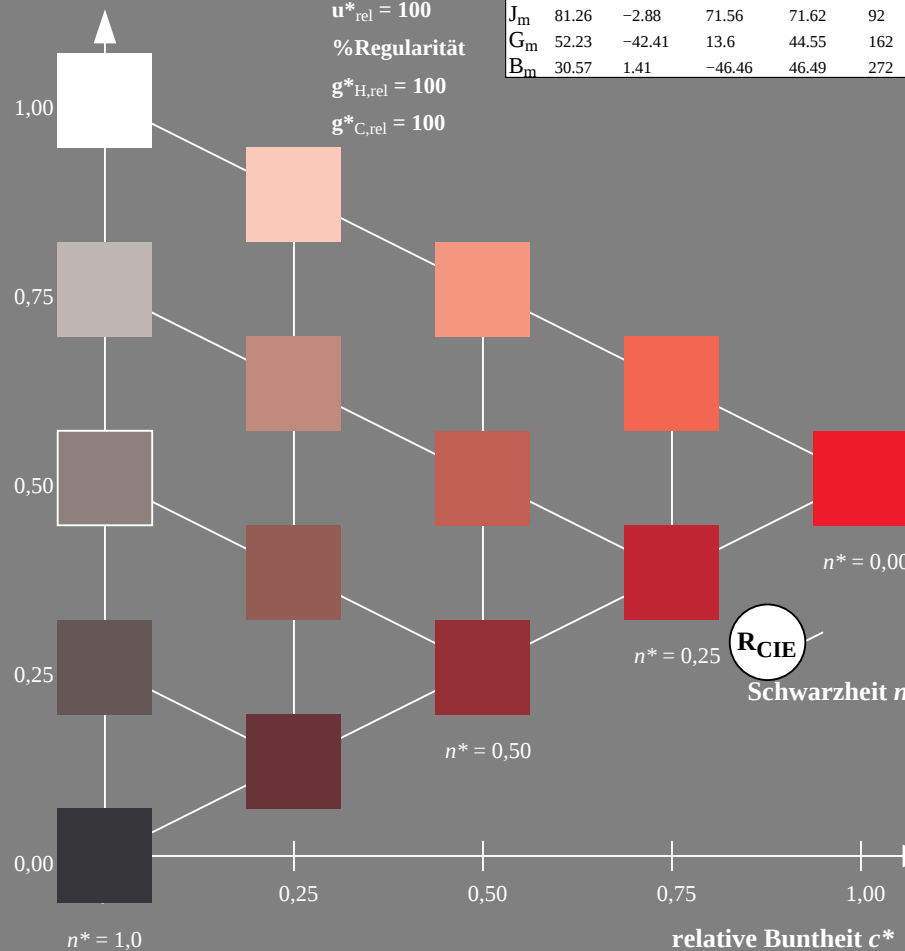
|                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub> | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>m</sub> | 56.71       | 0.0     | 77.4    |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

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 100$ 

%Regularität

 $g^*_{H,rel} = 100$  $g^*_{C,rel} = 100$ 

OG270-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab \cdot h = 25/360 = 0.069$  $LAB \cdot LCH$ ,  $LAB \cdot NCH$ 

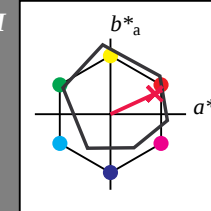
D65: Buntton R

LCH\*Ma: 48 75 25

olv\*Ma: 1.0 0.0 0.32

ORS18; adaptierte CIELAB-Daten

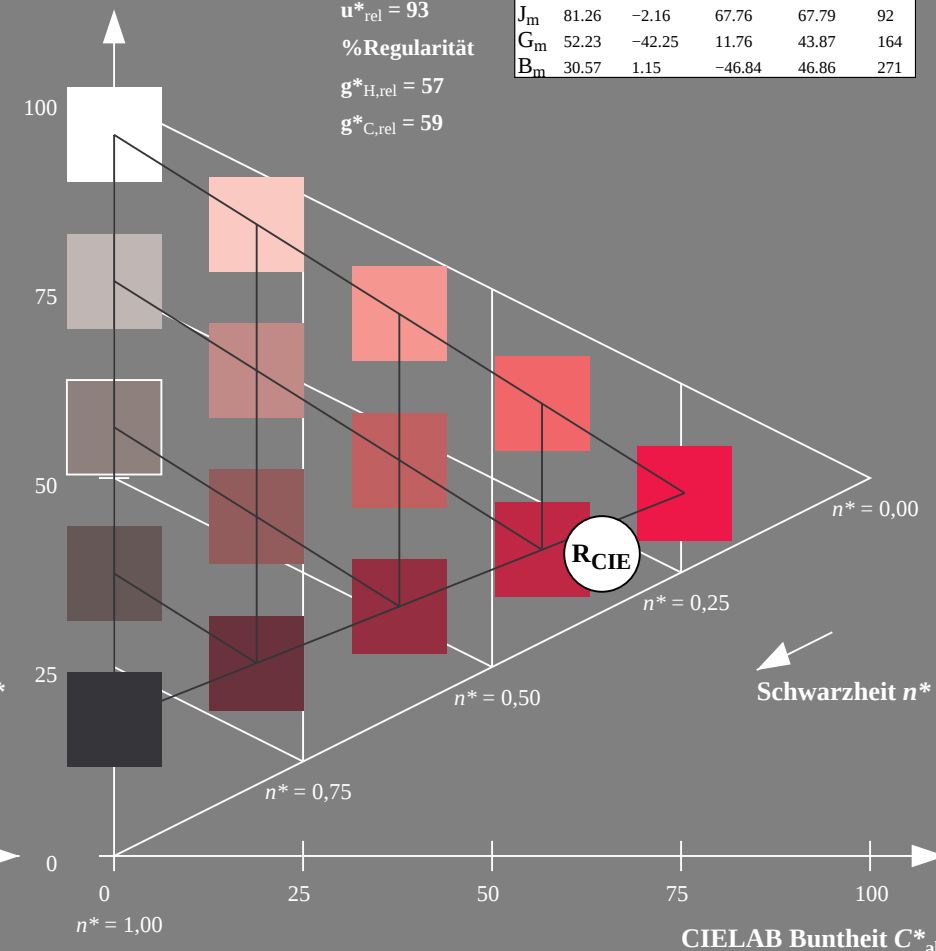
|                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub> | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub> | 90.37       | -10.26  | 91.75   | 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 OG27; Farbmétrik-Systeme ORS18 & ORS18input: *cmY0\* setcmykcolor*D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttoninput: *Startup (S) data dependant*

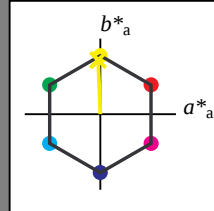
## Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton  $h^* = lab \cdot h = 92/360 = 0.256$  $lab \cdot tch$  und  $lab \cdot nch$ 

D65: Buntton J

LCH\*Ma: 57 76 92

olv\*Ma: 0.95 1.0 0.0

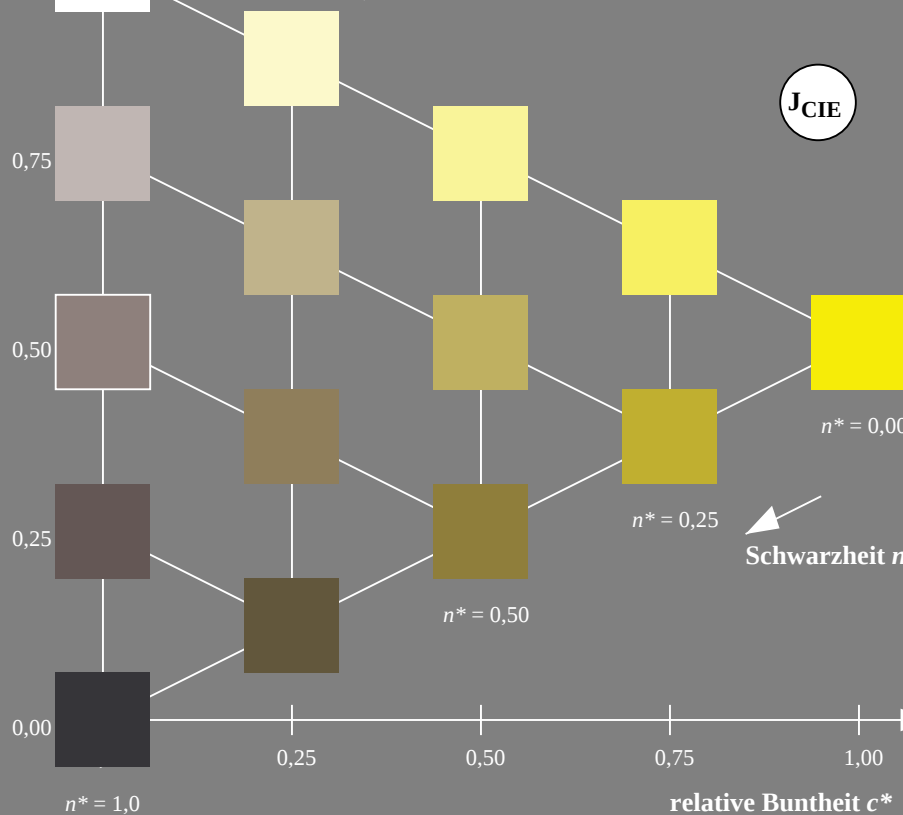


## SRS18; adaptierte CIELAB-Daten

|       | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-------|---------------|---------|---------|--------------|--------------|
| $O_m$ | 56.71         | 67.03   | 38.7    | 77.4         | 30           |
| $Y_m$ | 56.71         | 0.0     | 77.4    | 77.4         | 90           |
| $L_m$ | 56.71         | -67.02  | 38.7    | 77.4         | 150          |
| $C_m$ | 56.71         | -67.02  | -38.69  | 77.4         | 210          |
| $V_m$ | 56.71         | 0.0     | -77.39  | 77.4         | 270          |
| $M_m$ | 56.71         | 67.03   | -38.69  | 77.4         | 330          |
| $N_m$ | 18.01         | 0.0     | 0.0     | 0.0          | 0            |
| $W_m$ | 95.41         | 0.0     | 0.0     | 0.0          | 0            |
| $R_m$ | 39.92         | 58.74   | 27.99   | 65.07        | 25           |
| $J_m$ | 81.26         | -2.88   | 71.56   | 71.62        | 92           |
| $G_m$ | 52.23         | -42.41  | 13.6    | 44.55        | 162          |
| $B_m$ | 30.57         | 1.41    | -46.46  | 46.49        | 272          |

Dreiecks-Helligkeit  $t^*$ 

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



OG270-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

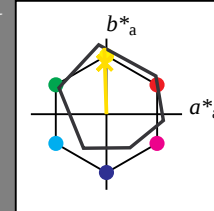
## Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

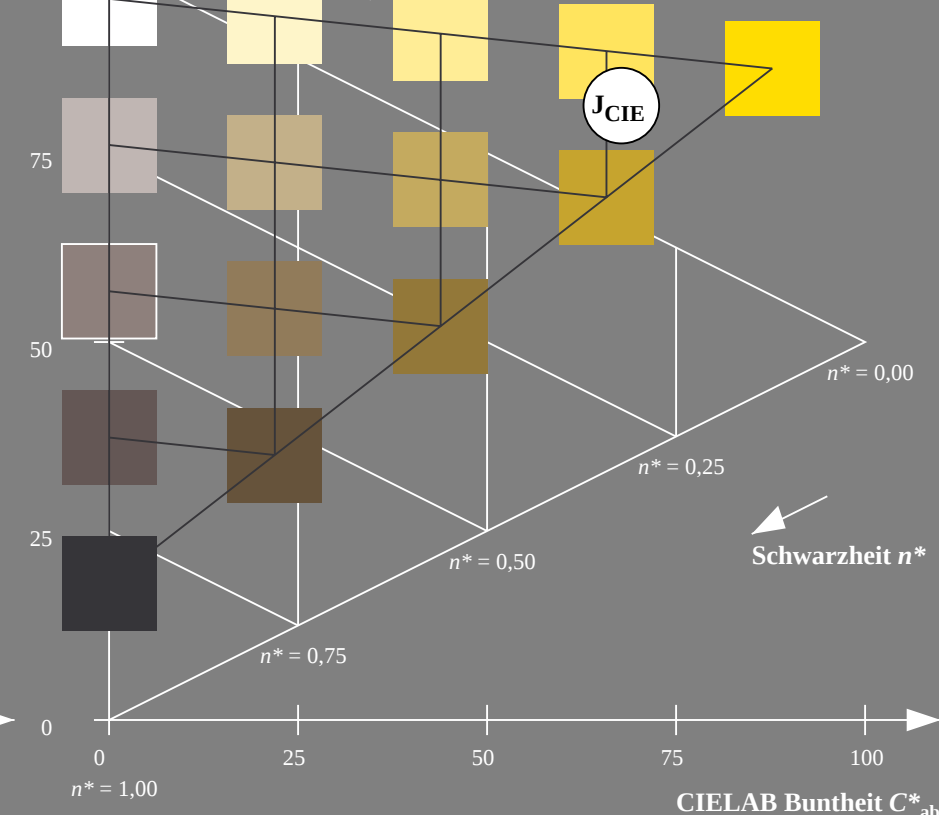


## ORS18; adaptierte CIELAB-Daten

|       | $L^* = L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-------|---------------|---------|---------|--------------|--------------|
| $O_m$ | 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            |
| $R_m$ | 39.92         | 58.66   | 26.98   | 64.57        | 25           |
| $J_m$ | 81.26         | -2.16   | 67.76   | 67.79        | 92           |
| $G_m$ | 52.23         | -42.25  | 11.76   | 43.87        | 164          |
| $B_m$ | 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 OG27; Farbmétrik-Systeme ORS18 & ORS18input:  $cmy0^* setcmykcolor$ 

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttoninput: Startup (S) data dependant

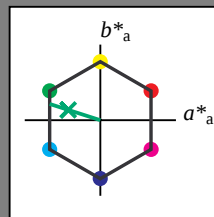
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

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

D65: Buntton G

LCH\*Ma: 57 70 162

olv\*Ma: 0.0 1.0 0.22



SRS18; adaptierte CIELAB-Daten

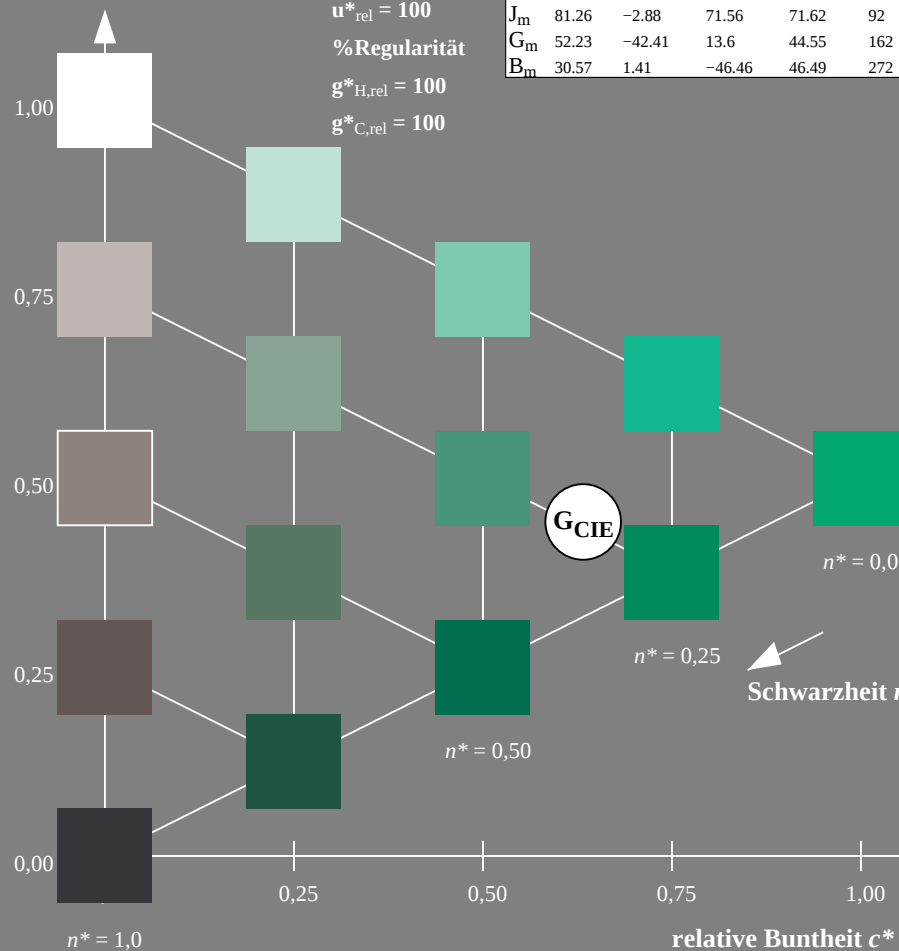
|                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub> | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>m</sub> | 56.71       | 0.0     | 77.4    |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

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 100$ 

%Regularität

 $g^*_{H,rel} = 100$  $g^*_{C,rel} = 100$ 

OG270-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

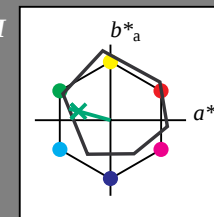
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

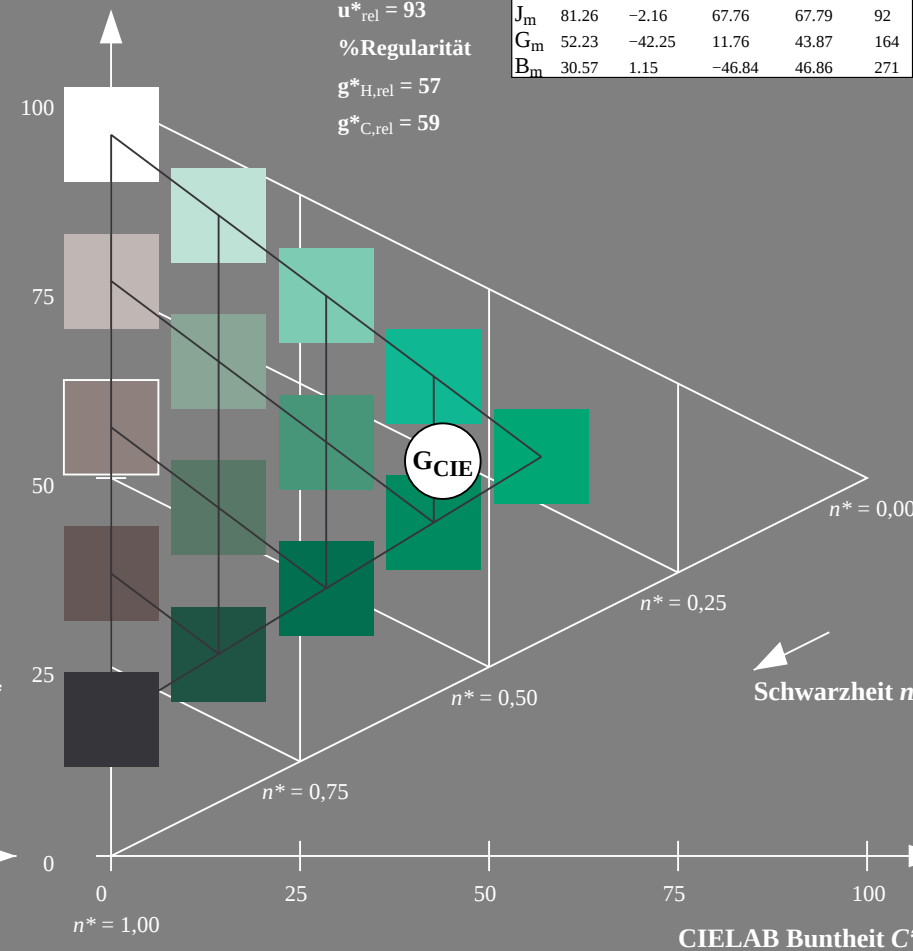
|                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub> | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub> | 90.37       | -10.26  | 91.75   |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

%Umfang

 $u^*_{rel} = 93$ 

%Regularität

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

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

BAM-Prüfvorlage OG27; Farbmétrik-Systeme ORS18 &amp; ORS18input: cmy0\* setcmykcolor

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttoninput: Startup (S) data dependant

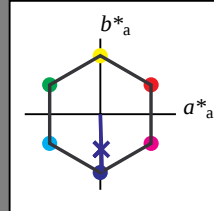
## Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

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

D65: Buntton B

LCH\*Ma: 57 76 272

olv\*Ma: 0.03 0.0 1.0



## SRS18; adaptierte CIELAB-Daten

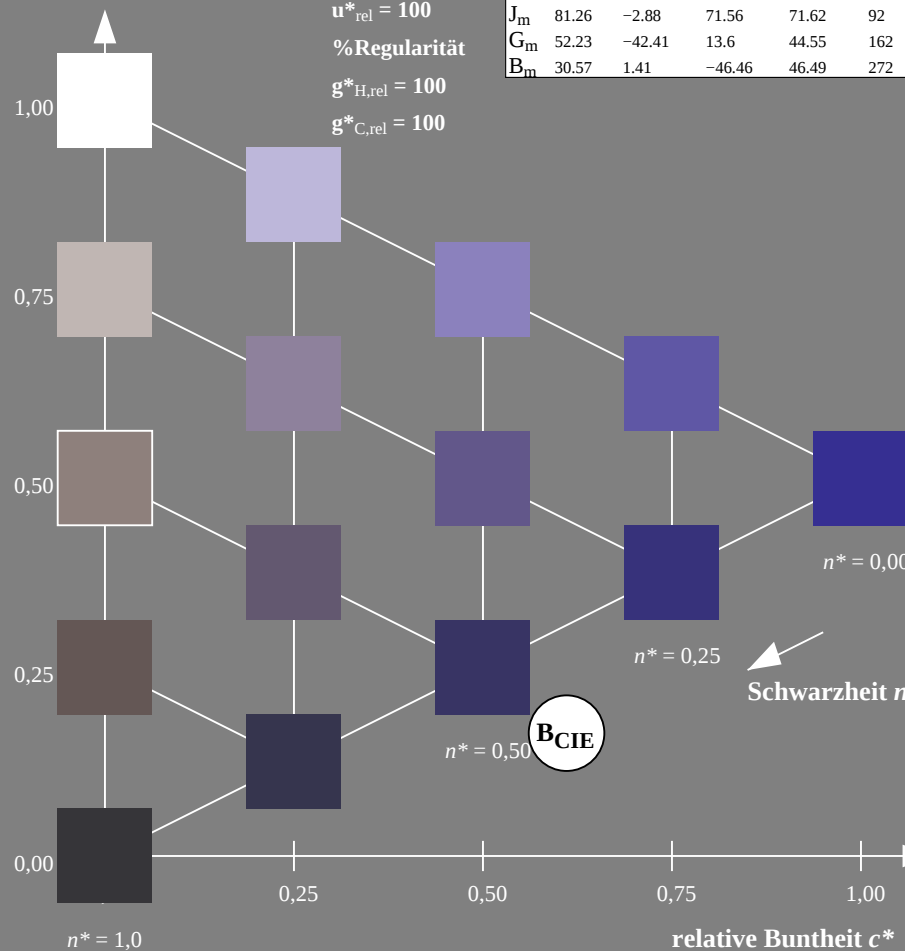
|                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub> | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>m</sub> | 56.71       | 0.0     | 77.4    |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

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 100$ 

%Regularität

 $g^*_{H,rel} = 100$  $g^*_{C,rel} = 100$ OG270-7, 5 stufige Reihen für konstanten CIELAB Buntton  $272/360 = 0.755$  (links)

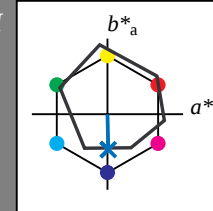
## Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

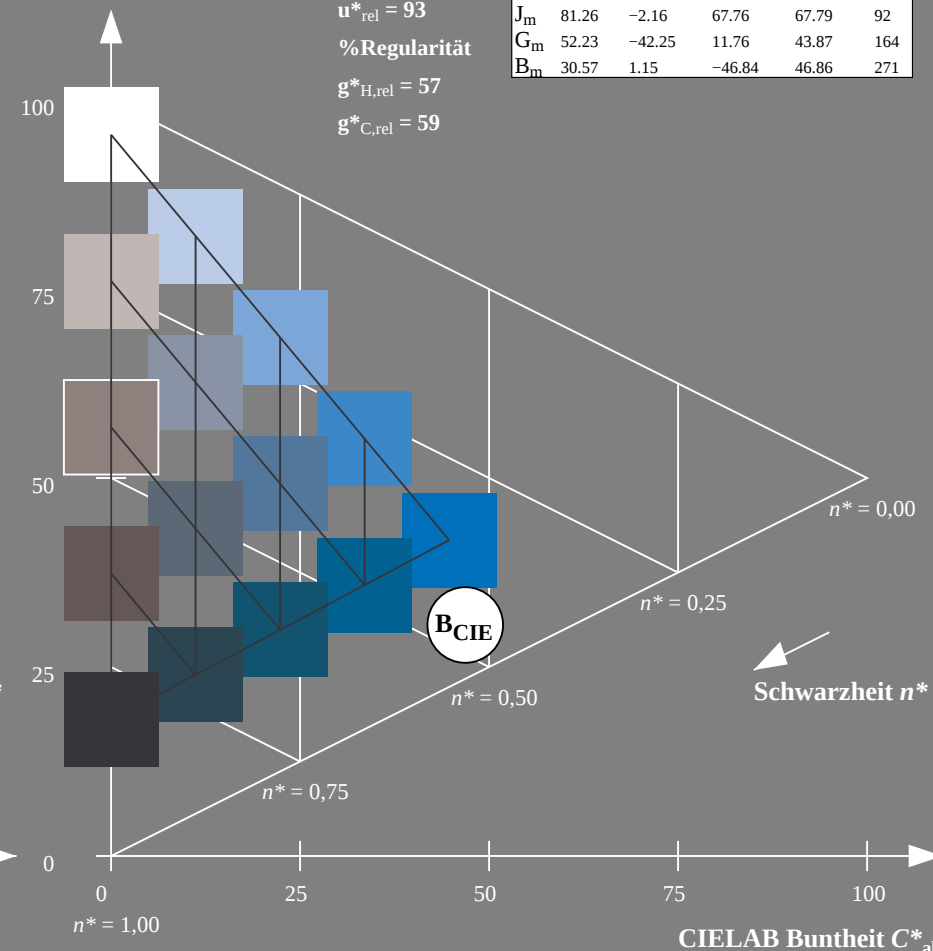
|                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| O <sub>m</sub> | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>m</sub> | 90.37       | -10.26  | 91.75   | 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 OG27; Farbmétrik-Systeme ORS18 & ORS18input:  $cmY0^* setcmykcolor$ 

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttoninput: Startup (S) data dependant