

# Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

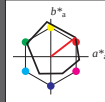
für Buntton  $h^* = lab^*h = 38/360 = 0.105$

LAB\*LCH, LAB\*NCH

D65: Buntton O

LCH\*Ma: 48 83 38

olv\*Ma: 1.0 0.0 0.0



## ORS18; adaptierte CIELAB-Daten

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

CIELAB-Helligkeit  $L^*$

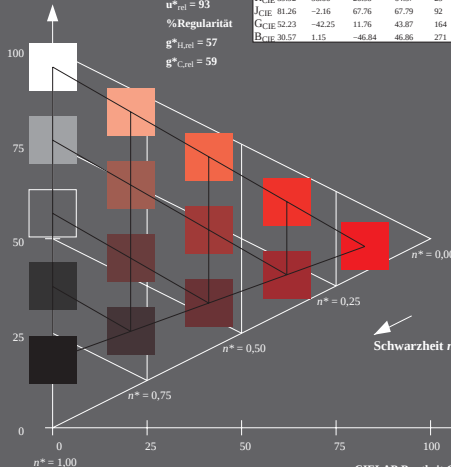
%Umfang

$u^*_{rel} = 93$

%Regularität

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

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



# Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

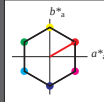
für Buntton  $h^* = lab^*h = 30/360 = 0.083$

LAB\*LCH, LAB\*NCH

D65: Buntton O

LCH\*Ma: 57 77 30

olv\*Ma: 1.0 0.0 0.0



## SRS18; adaptierte CIELAB-Daten

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

CIELAB-Helligkeit  $L^*$

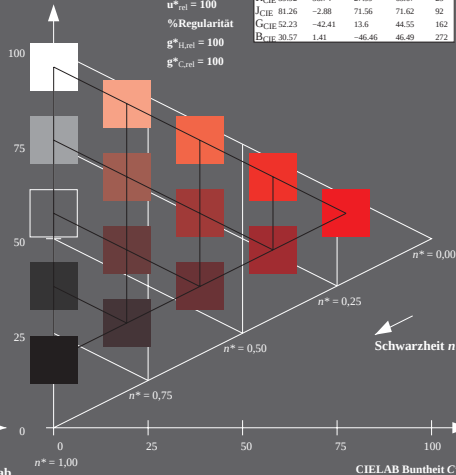
%Umfang

$u^*_{rel} = 100$

%Regularität

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

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



OG32-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

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

BAM-Prüfvorlage OG32; Farbmetrik-Systeme ORS18 & SRS18 input: cmy0\* setcmykcolor

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttonen output: cmy0\* / 000n\* setcmykcolor