

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

$lab^*ch$  und  $lab^*nch$

D65: Buntton O

LCH\*Ma: 48 83 38

olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$

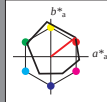
%Umfang

$u^*_{rel} = 93$

%Regularität

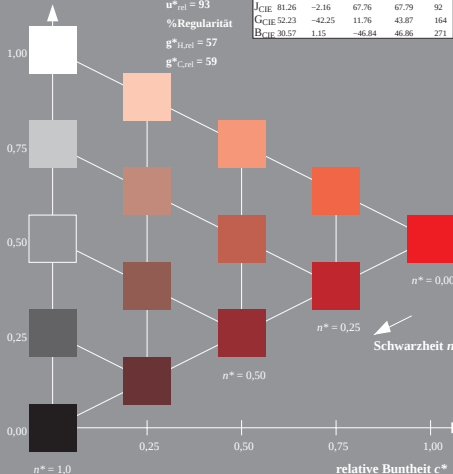
$g^*_{H,rel} = 57$

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



ORS18; adaptierte CIELAB-Daten

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



OG220-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

BAM-Prüfvorlage OG22; Farbmetrik-Systeme ORS18 & SRS18 input:  $cmY0^* \text{ setcmYcolor}$

D65: Koordinaten-Systeme von 5stufigen Farbreihen für 10 Bunttonen output:  $cmY0^* / 000n^* \text{ setcmYcolor}$

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

CIELAB-Helligkeit  $L^*$

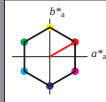
%Umfang

$u^*_{rel} = 100$

%Regularität

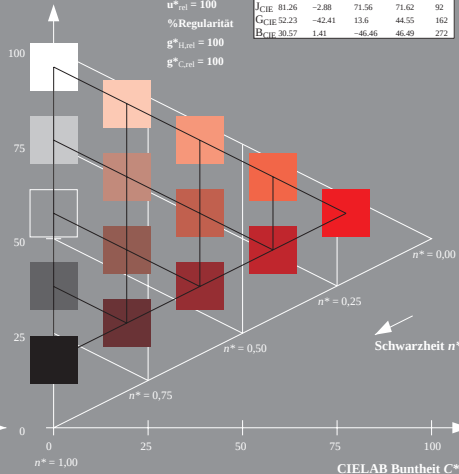
$g^*_{H,rel} = 100$

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



SRS18; adaptierte CIELAB-Daten

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



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