

# Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

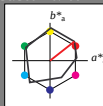
für Buntton  $h^* = lab^*h = 38/360 = 0.106$   
 $lab^*ch$  und  $lab^*nch$

A: Buntton O

LCH\*Ma: 48 82 38

olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

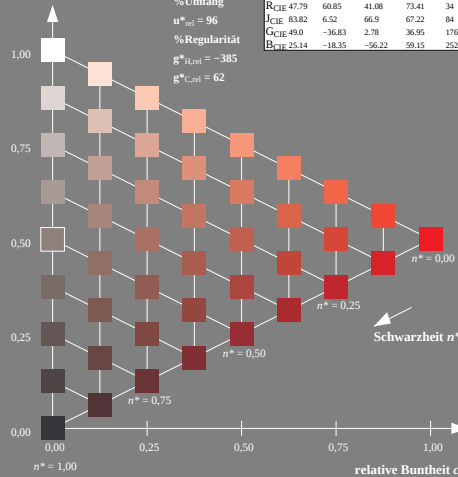
$u^*_{rel} = 96$

%Regularität

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

| ORS18; adaptierte CIELAB-Daten |         |         |              |              |     |
|--------------------------------|---------|---------|--------------|--------------|-----|
| $L^* = L^*_a$                  | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |     |
| O <sub>M</sub>                 | 47.94   | 64.42   | 50.58        | 81.9         | 38  |
| Y <sub>M</sub>                 | 92.62   | 2.41    | 86.36        | 86.39        | 88  |
| L <sub>M</sub>                 | 50.9    | -63.82  | 35.02        | 72.81        | 151 |
| C <sub>M</sub>                 | 51.25   | -53.68  | -57.69       | 78.82        | 227 |
| V <sub>M</sub>                 | 25.72   | 30.34   | -44.37       | 53.76        | 304 |
| M <sub>M</sub>                 | 56.25   | 70.59   | 7.57         | 70.99        | 6   |
| N <sub>M</sub>                 | 18.11   | 0.0     | 0.0          | 0.0          | 0   |
| W <sub>M</sub>                 | 95.4    | 0.0     | 0.0          | 0.0          | 0   |
| R <sub>CIE</sub>               | 47.79   | 60.85   | 41.08        | 73.41        | 34  |
| J <sub>CIE</sub>               | 83.82   | 6.52    | 66.9         | 67.22        | 84  |
| G <sub>CIE</sub>               | 49.0    | -36.83  | 2.78         | 36.95        | 176 |
| B <sub>CIE</sub>               | 25.14   | -18.35  | -36.22       | 59.15        | 252 |



# Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

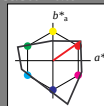
für Buntton  $h^* = lab^*h = 35/360 = 0.097$   
 $lab^*ch$  und  $lab^*nch$

A: Buntton O

LCH\*Ma: 66 90 35

olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

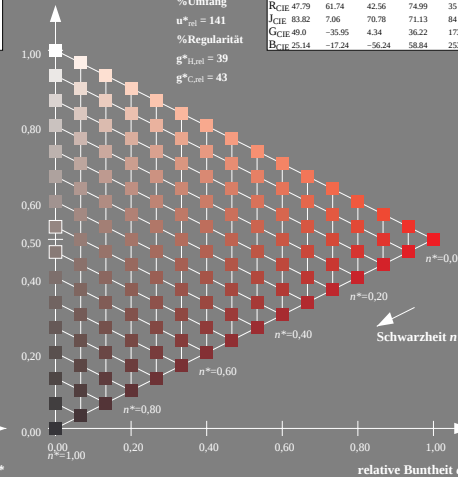
$u^*_{rel} = 141$

%Regularität

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$

| TLS00; adaptierte CIELAB-Daten |         |         |              |              |     |
|--------------------------------|---------|---------|--------------|--------------|-----|
| $L^* = L^*_a$                  | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |     |
| O <sub>M</sub>                 | 65.56   | 73.34   | 51.39        | 89.55        | 35  |
| Y <sub>M</sub>                 | 94.78   | -3.49   | 52.24        | 52.36        | 94  |
| L <sub>M</sub>                 | 77.48   | -92.97  | 36.0         | 99.71        | 159 |
| C <sub>M</sub>                 | 78.36   | -82.69  | -22.74       | 85.77        | 195 |
| V <sub>M</sub>                 | 12.55   | 38.81   | -114.81      | 121.2        | 289 |
| M <sub>M</sub>                 | 66.71   | 76.08   | -29.8        | 81.71        | 339 |
| N <sub>M</sub>                 | 0.01    | 0.0     | 0.0          | 0.0          | 0   |
| W <sub>M</sub>                 | 95.41   | 0.0     | 0.0          | 0.0          | 0   |
| R <sub>CIE</sub>               | 47.79   | 61.74   | 42.56        | 74.99        | 35  |
| J <sub>CIE</sub>               | 83.82   | 7.06    | 70.78        | 71.13        | 84  |
| G <sub>CIE</sub>               | 49.0    | -35.95  | 4.34         | 36.22        | 173 |
| B <sub>CIE</sub>               | 25.14   | -17.24  | -56.24       | 58.84        | 253 |



SG700-7, 9stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.106 (links)

BAM-Prüfvorlage SG70; Farbmetrik-Systeme ORS18 & TLS00  
A: 9 und 16stufige Farbreihen für 10 Bunttöne

16stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (rechts)

input: cmy0\* setcmykcolor  
output: no change compared to input