

Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 40/360 = 0.111$

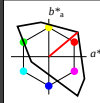
*lab\*tch* und *lab\*nch*

D65: Buntton O

**LCH\*Ma: 51 100 40**

olv\*Ma: 1.0 0.0 0.0

### Dreiecks-Helligkeit $t^*$



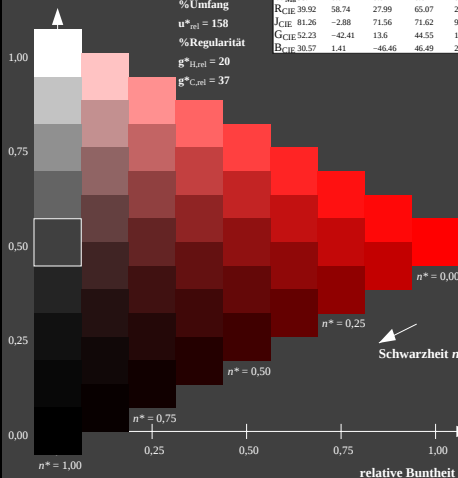
TLS00; adaptierte CIELAB-Daten

|                         | $L^{\circ} = L^{\circ}_{\text{a}}$ | $b^{\circ}$ | $b^{\circ}_{\text{a}}$ | $C^{\circ}_{\text{a,b}}$ | $n^{\circ}_{\text{a,b}}$ |
|-------------------------|------------------------------------|-------------|------------------------|--------------------------|--------------------------|
| $\text{O}_{\text{Ma}}$  | 50.92                              | 76.92       | 64.55                  | 100.42                   | 40                       |
| $\text{Y}_{\text{Ma}}$  | 92.66                              | -20.69      | 90.75                  | 93.08                    | 103                      |
| $\text{L}_{\text{Ma}}$  | 83.63                              | -82.75      | 79.9                   | 115.04                   | 136                      |
| $\text{C}_{\text{Ma}}$  | 86.88                              | -46.16      | -13.55                 | 48.12                    | 196                      |
| $\text{V}_{\text{Ma}}$  | 30.39                              | 76.06       | -103.39                | 128.52                   | 306                      |
| $\text{N}_{\text{Ma}}$  | 57.3                               | 94.35       | -58.41                 | 110.97                   | 328                      |
| $\text{M}_{\text{Ma}}$  | 0.01                               | 0.0         | 0.0                    | 0.0                      | 0                        |
| $\text{W}_{\text{Ma}}$  | 95.41                              | 0.0         | 0.0                    | 0.0                      | 0                        |
| $\text{RC}_{\text{II}}$ | 39.92                              | 58.74       | 27.99                  | 65.07                    | 25                       |
| $\text{J}_{\text{CIE}}$ | 81.26                              | -2.88       | 71.56                  | 71.62                    | 92                       |
| $\text{G}_{\text{CIE}}$ | 52.23                              | -42.41      | 13.6                   | 44.55                    | 162                      |
| $\text{B}_{\text{CIE}}$ | 30.57                              | -1.41       | -46.46                 | 46.40                    | 272                      |

%Umfang

$$u_{rel}^* = 158$$

%Regularität

$$g_{H, \text{ref}}^* = 20$$


NG930-7, 9stufige Reihen für konstanten CIELAB Buntton  $40/360 = 0.111$  (links

BAM-Prüfvorlage NG93; Farbmimetrik-Systeme T  
D65: 9 und 16stufige Farbreihen für 10 Bunttöne

**Ausgabe: Farbmétrisches Fernseh-Licht-System TLS70**

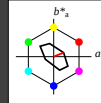
für Buntton  $h^* = lab^*h = 22/360 = 0.061$

**lab\*tch** und **lab\*nch**

D65: Buntton C

LCH\*Ma: 76 28 22

**olv\*Ma: 1.0 0.0 0.0**

Dreiecks-Helligkeit  $t^*$ 

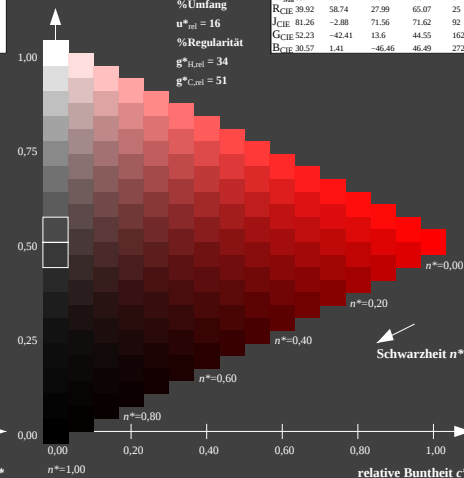
TLS70; adaptierte CIELAB-Daten

|                  | $L^* = L_a$ | $d^*$  | $b^*$  | $C_{\text{abs}}$ | $n_{\text{abs}}$ |
|------------------|-------------|--------|--------|------------------|------------------|
| $O_{\text{Ma}}$  | 76.43       | 26.27  | 10.57  | 28.32            | 22               |
| $Y_{\text{Ma}}$  | 93.93       | -10.76 | 34.63  | 36.27            | 107              |
| $L_{\text{Ma}}$  | 89.32       | -35.8  | 27.64  | 45.24            | 142              |
| $C_{\text{Ma}}$  | 90.93       | -21.95 | -7.07  | 23.07            | 198              |
| $V_{\text{Ma}}$  | 72.1        | 15.76  | -35.63 | 38.97            | 294              |
| $N_{\text{Ma}}$  | 78.5        | 37.52  | -25.23 | 45.22            | 326              |
| $M_{\text{Ma}}$  | 69.7        | 0.0    | 0.0    | 0.0              | 0                |
| $W_{\text{Ma}}$  | 95.41       | 0.0    | 0.0    | 0.0              | 0                |
| $R_{\text{CIE}}$ | 39.92       | 58.74  | 27.99  | 65.07            | 25               |
| $J_{\text{CIE}}$ | 81.26       | -2.88  | 71.56  | 71.62            | 92               |
| $G_{\text{CIE}}$ | 52.23       | -42.41 | 13.6   | 44.55            | 162              |
| $R_{\text{CIE}}$ | 30.57       | -1.41  | -46.46 | 46.49            | 272              |

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 16$$

%Regularität

$$g^*_{H, [m]} = 3,$$
16stufige Reihen für konstanten CIELAB Buntton  $22/360 = 0.061$  (rechts)

```
0 input: olv* setrgbcolor
  output: olv* setrgbcolor / w* setgray
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