**Eingabe: Farbmetrisches Fernseh-Licht-System TLS00**

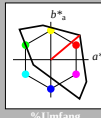
für Buntton $h^* = lab^*h = 40/360 = 0.111$

*lab*tch* und *lab*nch*

**D65: Buntton O**

**LCH*Ma: 51 100 40**

**olv*Ma: 1.0 0.0 0.0**




**TLS00; adaptierte CIELAB-Daten**

| | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---|---|---|---|---|---|
| $O_m$ | 50.5 | 76.92 | 64.55 | 100.42 | 40 |
| $Y_m$ | 92.66 | −20.69 | 90.75 | 93.08 | 103 |
| $I_m$ | 83.63 | −82.75 | 79.9 | 115.04 | 136 |
| $C_m$ | 86.88 | −46.16 | −13.55 | 48.12 | 196 |
| $V_m$ | 30.39 | 76.06 | −103.59 | 128.52 | 306 |
| $M_m$ | 57.3 | 94.35 | −58.41 | 110.97 | 328 |
| $N_m$ | 0.01 | 0.0 | 0.0 | 0.0 | 0 |
| $W_m$ | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| $R_{CIE}$ | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| $J_{CIE}$ | 81.26 | −2.88 | 71.56 | 71.62 | 92 |
| $G_{CIE}$ | 52.23 | −42.41 | 13.6 | 44.55 | 162 |
| $B_{CIE}$ | 30.57 | 1.41 | −46.46 | 46.49 | 272 |

%Umfang

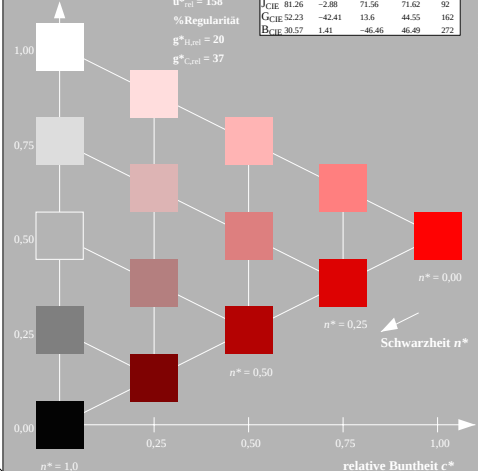
$u^*_{rel}$ = 158

%Regularität

$g^*_{H,rel}$ = 20

$g^*_{C,rel}$ = 37

**Dreiecks-Helligkeit *t****




NG230−7, 5 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (links)

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

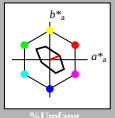
für Buntton $h^* = lab^*h = 22/360 = 0.061$

*LAB*LCH, LAB*NCH*

**D65: Buntton O**

**LCH*Ma: 76 28 22**

**olv*Ma: 1.0 0.0 0.0**




**TLS70; adaptierte CIELAB-Daten**

| | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---|---|---|---|---|---|
| $O_m$ | 76.43 | 26.27 | 10.57 | 28.32 | 22 |
| $Y_m$ | 93.93 | −10.76 | 34.63 | 36.27 | 107 |
| $I_m$ | 89.32 | −35.8 | 27.64 | 45.24 | 142 |
| $C_m$ | 90.93 | −21.95 | −7.07 | 23.07 | 198 |
| $V_m$ | 72.1 | 15.76 | −35.63 | 38.97 | 294 |
| $M_m$ | 78.5 | 37.52 | −25.23 | 45.22 | 326 |
| $N_m$ | 69.7 | 0.0 | 0.0 | 0.0 | 0 |
| $W_m$ | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| $R_{CIE}$ | 39.92 | 58.74 | 27.99 | 65.07 | 25 |
| $J_{CIE}$ | 81.26 | −2.88 | 71.56 | 71.62 | 92 |
| $G_{CIE}$ | 52.23 | −42.41 | 13.6 | 44.55 | 162 |
| $B_{CIE}$ | 30.57 | 1.41 | −46.46 | 46.49 | 272 |

%Umfang

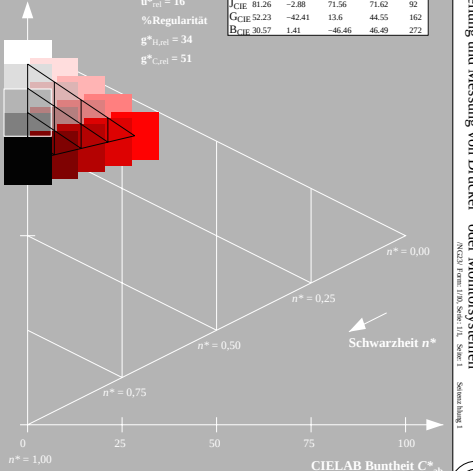
$u^*_{rel}$ = 16

%Regularität

$g^*_{H,rel}$ = 34

$g^*_{C,rel}$ = 51

**CIELAB-Helligkeit *L****




5 stufige Reihen für konstanten CIELAB Buntton 22/360 = 0.061 (rechts)