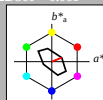


Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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

D65: Buntton O

LCH\*Ma: 76 28 22

ol $v^*$ Ma: 1.0 0.0 0.0Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 16$ 

%Regularität

 $g^*_{H,rel} = 34$  $g^*_{C,rel} = 51$ 

TLS70; adaptierte CIELAB-Daten

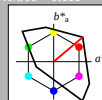
|           | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{M_0}$ | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| $Y_{M_0}$ | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| $L_{M_0}$ | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| $C_{M_0}$ | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| $V_{M_0}$ | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| $M_{M_0}$ | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| $N_{M_0}$ | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{M_0}$ | 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          |

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

D65: Buntton O

LCH\*Ma: 51 100 40

ol $v^*$ Ma: 1.0 0.0 0.0Dreiecks-Helligkeit  $t^*$ 

%Umfang

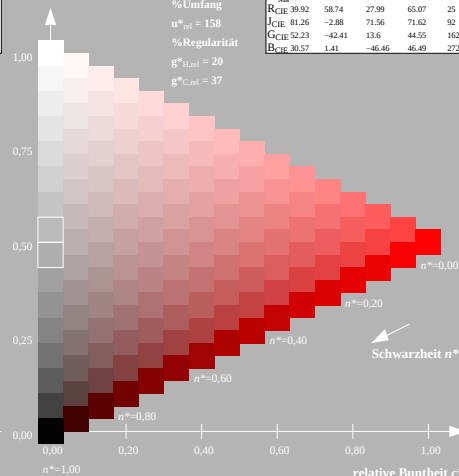
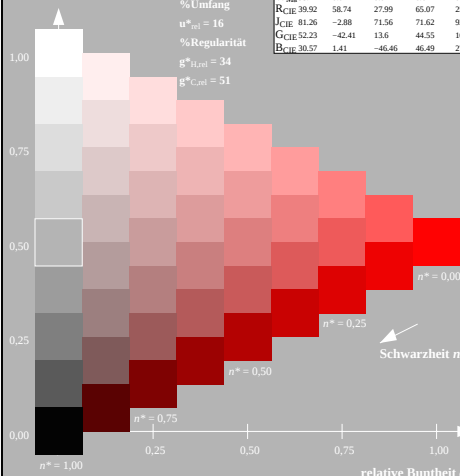
 $u^*_{rel} = 158$ 

%Regularität

 $g^*_{H,rel} = 20$  $g^*_{C,rel} = 37$ 

TLS00; adaptierte CIELAB-Daten

|           | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{M_0}$ | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| $Y_{M_0}$ | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| $L_{M_0}$ | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| $C_{M_0}$ | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| $V_{M_0}$ | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| $M_{M_0}$ | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| $N_{M_0}$ | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{M_0}$ | 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          |



NG980-7, 9stufige Reihen für konstanten CIELAB Buntton 22/360 = 0.061 (links)

16stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (rechts)

BAM-Prüfvorlage NG98; Farbmetrik-Systeme TLS70 & TLS00  
D65: 9 und 16stufige Farbreihen für 10 Bunttöneinput: ol $v^*$  setrgbcolor  
output: ol $v^*$  setrgbcolor / w\* setgray