

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

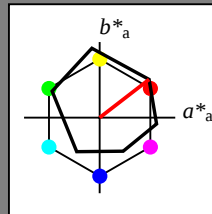
D65: Buntton O

LCH\*Ma: 48 83 38

olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit

1,00



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>Ma</sub>  | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>Ma</sub>  | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>Ma</sub>  | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>Ma</sub>  | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

1,00

relative Inform. Technology (IT)  
olvi3\* 1.0 1.0 1.0 (1.0)  
cmyn3\* 0.0 0.0 0.0 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
standard and adapted CIELAB  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LABa 95.41 0.0 0.0  
LAB\*LABb 95.41 0.0 0.0  
LAB\*LABc 95.41 0.0 0.0  
LAB\*LABd 95.41 0.0 0.0  
LAB\*LABe 95.41 0.0 0.0  
LAB\*LABf 95.41 0.0 0.0  
LAB\*LABg 95.41 0.0 0.0  
LAB\*LABh 95.41 0.0 0.0  
LAB\*LABi 95.41 0.0 0.0  
LAB\*LABj 95.41 0.0 0.0  
LAB\*LABk 95.41 0.0 0.0  
LAB\*LABl 95.41 0.0 0.0  
LAB\*LABm 95.41 0.0 0.0  
LAB\*LABn 95.41 0.0 0.0  
LAB\*LABo 95.41 0.0 0.0  
LAB\*LABp 95.41 0.0 0.0  
LAB\*LABq 95.41 0.0 0.0  
LAB\*LABr 95.41 0.0 0.0  
LAB\*LABs 95.41 0.0 0.0  
LAB\*LABt 95.41 0.0 0.0  
LAB\*LABu 95.41 0.0 0.0  
LAB\*LABv 95.41 0.0 0.0  
LAB\*LABw 95.41 0.0 0.0  
LAB\*LABx 95.41 0.0 0.0  
LAB\*LABy 95.41 0.0 0.0  
LAB\*LABz 95.41 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 1.0 0.0 0.0  
lab\*tch 1.0 0.0 0.0  
lab\*nch 0.0 0.0 0.0  
lab\*trj 1.0 0.0 0.0  
lab\*trc 1.0 0.0 0.0  
lab\*trd 1.0 0.0 0.0  
lab\*tre 1.0 0.0 0.0  
lab\*trf 1.0 0.0 0.0  
lab\*trg 1.0 0.0 0.0  
lab\*trh 1.0 0.0 0.0  
lab\*tri 1.0 0.0 0.0  
lab\*trj 1.0 0.0 0.0  
lab\*trk 1.0 0.0 0.0  
lab\*trl 1.0 0.0 0.0  
lab\*trm 1.0 0.0 0.0  
lab\*trn 1.0 0.0 0.0  
lab\*tro 1.0 0.0 0.0  
lab\*trp 1.0 0.0 0.0  
lab\*trq 1.0 0.0 0.0  
lab\*trr 1.0 0.0 0.0  
lab\*trs 1.0 0.0 0.0  
lab\*trt 1.0 0.0 0.0  
lab\*tru 1.0 0.0 0.0  
lab\*trv 1.0 0.0 0.0  
lab\*trw 1.0 0.0 0.0  
lab\*trx 1.0 0.0 0.0  
lab\*try 1.0 0.0 0.0  
lab\*trz 1.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*trj 1.0 0.0 0.0  
lab\*trc 1.0 0.0 0.0  
lab\*trd 1.0 0.0 0.0  
lab\*tre 1.0 0.0 0.0  
lab\*trf 1.0 0.0 0.0  
lab\*trg 1.0 0.0 0.0  
lab\*trh 1.0 0.0 0.0  
lab\*tri 1.0 0.0 0.0  
lab\*trj 1.0 0.0 0.0  
lab\*trk 1.0 0.0 0.0  
lab\*trl 1.0 0.0 0.0  
lab\*trm 1.0 0.0 0.0  
lab\*trn 1.0 0.0 0.0  
lab\*tro 1.0 0.0 0.0  
lab\*trp 1.0 0.0 0.0  
lab\*trq 1.0 0.0 0.0  
lab\*trr 1.0 0.0 0.0  
lab\*trs 1.0 0.0 0.0  
lab\*trt 1.0 0.0 0.0  
lab\*tru 1.0 0.0 0.0  
lab\*trv 1.0 0.0 0.0  
lab\*trw 1.0 0.0 0.0  
lab\*trx 1.0 0.0 0.0  
lab\*try 1.0 0.0 0.0  
lab\*trz 1.0 0.0 0.0

Ausgabe: Farbmatisches Fernseh-Licht-System TLS18

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

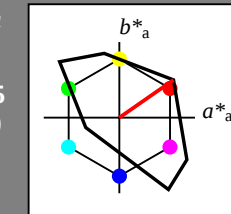
D65: Buntton O

LCH\*Ma: 53 87 35

olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit

1,00



%Umfang

 $u^*_{rel} = 118$ 

TLS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>  | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>  | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>  | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>  | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>  | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 22$  $g^*_{C,rel} = 40$ 

1,00

relative Inform. Technology (IT)  
olvi3\* 1.0 1.0 1.0 (1.0)  
cmyn3\* 0.0 0.0 0.0 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
standard and adapted CIELAB  
LAB\*LAB 95.41 0.0 0.0  
LAB\*LABa 95.41 0.0 0.0  
LAB\*LABb 95.41 0.0 0.0  
LAB\*LABc 95.41 0.0 0.0  
LAB\*LABd 95.41 0.0 0.0  
LAB\*LABe 95.41 0.0 0.0  
LAB\*LABf 95.41 0.0 0.0  
LAB\*LABg 95.41 0.0 0.0  
LAB\*LABh 95.41 0.0 0.0  
LAB\*LABi 95.41 0.0 0.0  
LAB\*LABj 95.41 0.0 0.0  
LAB\*LABk 95.41 0.0 0.0  
LAB\*LABl 95.41 0.0 0.0  
LAB\*LABm 95.41 0.0 0.0  
LAB\*LABn 95.41 0.0 0.0  
LAB\*LABo 95.41 0.0 0.0  
LAB\*LABp 95.41 0.0 0.0  
LAB\*LABq 95.41 0.0 0.0  
LAB\*LABr 95.41 0.0 0.0  
LAB\*LABs 95.41 0.0 0.0  
LAB\*LABt 95.41 0.0 0.0  
LAB\*LABu 95.41 0.0 0.0  
LAB\*LABv 95.41 0.0 0.0  
LAB\*LABw 95.41 0.0 0.0  
LAB\*LABx 95.41 0.0 0.0  
LAB\*LABy 95.41 0.0 0.0  
LAB\*LABz 95.41 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 1.0 0.0 0.0  
lab\*tch 1.0 0.0 0.0  
lab\*nch 0.0 0.0 0.0  
lab\*trj 1.0 0.0 0.0  
lab\*trc 1.0 0.0 0.0  
lab\*trd 1.0 0.0 0.0  
lab\*tre 1.0 0.0 0.0  
lab\*trf 1.0 0.0 0.0  
lab\*trg 1.0 0.0 0.0  
lab\*trh 1.0 0.0 0.0  
lab\*tri 1.0 0.0 0.0  
lab\*trj 1.0 0.0 0.0  
lab\*trk 1.0 0.0 0.0  
lab\*trl 1.0 0.0 0.0  
lab\*trm 1.0 0.0 0.0  
lab\*trn 1.0 0.0 0.0  
lab\*tro 1.0 0.0 0.0  
lab\*trp 1.0 0.0 0.0  
lab\*trq 1.0 0.0 0.0  
lab\*trr 1.0 0.0 0.0  
lab\*trs 1.0 0.0 0.0  
lab\*trt 1.0 0.0 0.0  
lab\*tru 1.0 0.0 0.0  
lab\*trv 1.0 0.0 0.0  
lab\*trw 1.0 0.0 0.0  
lab\*trx 1.0 0.0 0.0  
lab\*try 1.0 0.0 0.0  
lab\*trz 1.0 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
cmyn3\* 0.25 0.25 0.25 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
standard and adapted CIELAB  
LAB\*LAB 76.07 0.0 0.0  
LAB\*LABa 76.07 0.0 0.0  
LAB\*LABb 76.07 0.0 0.0  
LAB\*LABc 76.07 0.0 0.0  
LAB\*LABd 76.07 0.0 0.0  
LAB\*LABe 76.07 0.0 0.0  
LAB\*LABf 76.07 0.0 0.0  
LAB\*LABg 76.07 0.0 0.0  
LAB\*LABh 76.07 0.0 0.0  
LAB\*LABi 76.07 0.0 0.0  
LAB\*LABj 76.07 0.0 0.0  
LAB\*LABk 76.07 0.0 0.0  
LAB\*LABl 76.07 0.0 0.0  
LAB\*LABm 76.07 0.0 0.0  
LAB\*LABn 76.07 0.0 0.0  
LAB\*LABo 76.07 0.0 0.0  
LAB\*LABp 76.07 0.0 0.0  
LAB\*LABq 76.07 0.0 0.0  
LAB\*LABr 76.07 0.0 0.0  
LAB\*LABs 76.07 0.0 0.0  
LAB\*LABt 76.07 0.0 0.0  
LAB\*LABu 76.07 0.0 0.0  
LAB\*LABv 76.07 0.0 0.0  
LAB\*LABw 76.07 0.0 0.0  
LAB\*LABx 76.07 0.0 0.0  
LAB\*LABy 76.07 0.0 0.0  
LAB\*LABz 76.07 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.75 0.0 0.0  
lab\*tch 0.75 0.0 0.0  
lab\*nch 0.0 0.0 0.0  
lab\*trj 0.75 0.0 0.0  
lab\*trc 0.75 0.0 0.0  
lab\*trd 0.75 0.0 0.0  
lab\*tre 0.75 0.0 0.0  
lab\*trf 0.75 0.0 0.0  
lab\*trg 0.75 0.0 0.0  
lab\*trh 0.75 0.0 0.0  
lab\*tri 0.75 0.0 0.0  
lab\*trj 0.75 0.0 0.0  
lab\*trk 0.75 0.0 0.0  
lab\*trl 0.75 0.0 0.0  
lab\*trm 0.75 0.0 0.0  
lab\*trn 0.75 0.0 0.0  
lab\*tro 0.75 0.0 0.0  
lab\*trp 0.75 0.0 0.0  
lab\*trq 0.75 0.0 0.0  
lab\*trr 0.75 0.0 0.0  
lab\*trs 0.75 0.0 0.0  
lab\*trt 0.75 0.0 0.0  
lab\*tru 0.75 0.0 0.0  
lab\*trv 0.75 0.0 0.0  
lab\*trw 0.75 0.0 0.0  
lab\*trx 0.75 0.0 0.0  
lab\*try 0.75 0.0 0.0  
lab\*trz 0.75 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
cmyn3\* 0.5 0.5 0.5 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
standard and adapted CIELAB  
LAB\*LAB 56.72 0.0 0.0  
LAB\*LABa 56.72 0.0 0.0  
LAB\*LABb 56.72 0.0 0.0  
LAB\*LABc 56.72 0.0 0.0  
LAB\*LABd 56.72 0.0 0.0  
LAB\*LABe 56.72 0.0 0.0  
LAB\*LABf 56.72 0.0 0.0  
LAB\*LABg 56.72 0.0 0.0  
LAB\*LABh 56.72 0.0 0.0  
LAB\*LABi 56.72 0.0 0.0  
LAB\*LABj 56.72 0.0 0.0  
LAB\*LABk 56.72 0.0 0.0  
LAB\*LABl 56.72 0.0 0.0  
LAB\*LABm 56.72 0.0 0.0  
LAB\*LABn 56.72 0.0 0.0  
LAB\*LABo 56.72 0.0 0.0  
LAB\*LABp 56.72 0.0 0.0  
LAB\*LABq 56.72 0.0 0.0  
LAB\*LABr 56.72 0.0 0.0  
LAB\*LABs 56.72 0.0 0.0  
LAB\*LABt 56.72 0.0 0.0  
LAB\*LABu 56.72 0.0 0.0  
LAB\*LABv 56.72 0.0 0.0  
LAB\*LABw 56.72 0.0 0.0  
LAB\*LABx 56.72 0.0 0.0  
LAB\*LABy 56.72 0.0 0.0  
LAB\*LABz 56.72 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.5 0.0 0.0  
lab\*tch 0.5 0.0 0.0  
lab\*nch 0.0 0.0 0.0  
lab\*trj 0.5 0.0 0.0  
lab\*trc 0.5 0.0 0.0  
lab\*trd 0.5 0.0 0.0  
lab\*tre 0.5 0.0 0.0  
lab\*trf 0.5 0.0 0.0  
lab\*trg 0.5 0.0 0.0  
lab\*trh 0.5 0.0 0.0  
lab\*tri 0.5 0.0 0.0  
lab\*trj 0.5 0.0 0.0  
lab\*trk 0.5 0.0 0.0  
lab\*trl 0.5 0.0 0.0  
lab\*trm 0.5 0.0 0.0  
lab\*trn 0.5 0.0 0.0  
lab\*tro 0.5 0.0 0.0  
lab\*trp 0.5 0.0 0.0  
lab\*trq 0.5 0.0 0.0  
lab\*trr 0.5 0.0 0.0  
lab\*trs 0.5 0.0 0.0  
lab\*trt 0.5 0.0 0.0  
lab\*tru 0.5 0.0 0.0  
lab\*trv 0.5 0.0 0.0  
lab\*trw 0.5 0.0 0.0  
lab\*trx 0.5 0.0 0.0  
lab\*try 0.5 0.0 0.0  
lab\*trz 0.5 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.25 0.25 0.25 (1.0)  
cmyn3\* 0.75 0.75 0.75 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
standard and adapted CIELAB  
LAB\*LAB 37.37 0.0 0.0  
LAB\*LABa 37.37 0.0 0.0  
LAB\*LABb 37.37 0.0 0.0  
LAB\*LABc 37.37 0.0 0.0  
LAB\*LABd 37.37 0.0 0.0  
LAB\*LABe 37.37 0.0 0.0  
LAB\*LABf 37.37 0.0 0.0  
LAB\*LABg 37.37 0.0 0.0  
LAB\*LABh 37.37 0.0 0.0  
LAB\*LABi 37.37 0.0 0.0  
LAB\*LABj 37.37 0.0 0.0  
LAB\*LABk 37.37 0.0 0.0  
LAB\*LABl 37.37 0.0 0.0  
LAB\*LABm 37.37 0.0 0.0  
LAB\*LABn 37.37 0.0 0.0  
LAB\*LABo 37.37 0.0 0.0  
LAB\*LABp 37.37 0.0 0.0  
LAB\*LABq 37.37 0.0 0.0  
LAB\*LABr 37.37 0.0 0.0  
LAB\*LABs 37.37 0.0 0.0  
LAB\*LABt 37.37 0.0 0.0  
LAB\*LABu 37.37 0.0 0.0  
LAB\*LABv 37.37 0.0 0.0  
LAB\*LABw 37.37 0.0 0.0  
LAB\*LABx 37.37 0.0 0.0  
LAB\*LABy 37.37 0.0 0.0  
LAB\*LABz 37.37 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.25 0.0 0.0  
lab\*tch 0.25 0.0 0.0  
lab\*nch 0.0 0.0 0.0  
lab\*trj 0.25 0.0 0.0  
lab\*trc 0.25 0.0 0.0  
lab\*trd 0.25 0.0 0.0  
lab\*tre 0.25 0.0 0.0  
lab\*trf 0.25 0.0 0.0  
lab\*trg 0.25 0.0 0.0  
lab\*trh 0.25 0.0 0.0  
lab\*tri 0.25 0.0 0.0  
lab\*trj 0.25 0.0 0.0  
lab\*trk 0.25 0.0 0.0  
lab\*trl 0.25 0.0 0.0  
lab\*trm 0.25 0.0 0.0  
lab\*trn 0.25 0.0 0.0  
lab\*tro 0.25 0.0 0.0  
lab\*trp 0.25 0.0 0.0  
lab\*trq 0.25 0.0 0.0  
lab\*trr 0.25 0.0 0.0  
lab\*trs 0.25 0.0 0.0  
lab\*trt 0.25 0.0 0.0  
lab\*tru 0.25 0.0 0.0  
lab\*trv 0.25 0.0 0.0  
lab\*trw 0.25 0.0 0.0  
lab\*trx 0.25 0.0 0.0  
lab\*try 0.25 0.0 0.0  
lab\*trz 0.25 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.0 0.0 0.0 (1.0)  
cmyn3\* 1.0 1.0 1.0 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
standard and adapted CIELAB  
LAB\*LAB 18.03 0.0 0.0  
LAB\*LABa 18.03 0.0 0.0  
LAB\*LABb 18.03 0.0 0.0  
LAB\*LABc 18.03 0.0 0.0  
LAB\*LABd 18.03 0.0 0.0  
LAB\*LABe 18.03 0.0 0.0  
LAB\*LABf 18.03 0.0 0.0  
LAB\*LABg 18.03 0.0 0.0  
LAB\*LABh 18.03 0.0 0.0  
LAB\*LABi 18.03 0.0 0.0  
LAB\*LABj 18.03 0.0 0.0  
LAB\*LABk 18.03 0.0 0.0  
LAB\*LABl 18.03 0.0 0.0  
LAB\*LABm 18.03 0.0 0.0  
LAB\*LABn 18.03 0.0 0.0  
LAB\*LABo 18.03 0.0 0.0  
LAB\*LABp 18.03 0.0 0.0  
LAB\*LABq 18.03 0.0 0.0  
LAB\*LABr 18.03 0.0 0.0  
LAB\*LABs 18.03 0.0 0.0  
LAB\*LABt 18.03 0.0 0.0  
LAB\*LABu 18.03 0.0 0.0  
LAB\*LABv 18.03 0.0 0.0  
LAB\*LABw 18.03 0.0 0.0  
LAB\*LABx 18.03 0.0 0.0  
LAB\*LABy 18.03 0.0 0.0  
LAB\*LABz 18.03 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*tch 0.0 0.0 0.0  
lab\*nch 0.0 0.0 0.0  
lab\*trj 0.0 0.0 0.0  
lab\*trc 0.0 0.0 0.0  
lab\*trd 0.0 0.0 0.0  
lab\*tre 0.0 0.0 0.0  
lab\*trf 0.0 0.0 0.0  
lab\*trg 0.0 0.0 0.0  
lab\*trh 0.0 0.0 0.0  
lab\*tri 0.0 0.0 0.0  
lab\*trj 0.0 0.0 0.0  
lab\*trk 0.0 0.0 0.0  
lab\*trl 0.0 0.0 0.0  
lab\*trm 0.0 0.0 0.0  
lab\*trn 0.0 0.0 0.0  
lab\*tro 0.0 0.0 0.0  
lab\*trp 0.0 0.0 0.0  
lab\*trq 0.0 0.0 0.0  
lab\*trr 0.0 0.0 0.0  
lab\*trs 0.0 0.0 0.0  
lab\*trt 0.0 0.0 0.0  
lab\*tru 0.0 0.0 0.0  
lab\*trv 0.0 0.0 0.0  
lab\*trw 0.0 0.0 0.0  
lab\*trx 0.0 0.0 0.0  
lab\*try 0.0 0.0 0.0  
lab\*trz 0.0 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.0 0.0 0.0 (1.0)  
cmyn3\* 1.0 1.0 1.0 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
standard and adapted CIELAB  
LAB\*LAB 18.03 0.0 0.0  
LAB\*LABa 18.03 0.0 0.0  
LAB\*LABb 18.03 0.0 0.0  
LAB\*LABc 18.03 0.0 0.0  
LAB\*LABd 18.03 0.0 0.0  
LAB\*LABe 18.03 0.0 0.0  
LAB\*LABf 18.03 0.0 0.0  
LAB\*LABg 18.03 0.0 0.0  
LAB\*LABh 18.03 0.0 0.0  
LAB\*LABi 18.03 0.0 0.0  
LAB\*LABj 18.03 0.0 0.0  
LAB\*LABk 18.03 0.0 0.0  
LAB\*LABl 18.03 0.0 0.0  
LAB\*LABm 18.03 0.0 0.0  
LAB\*LABn 18.03 0.0 0.0  
LAB\*LABo 18.03 0.0 0.0  
LAB\*LABp 18.03 0.0 0.0  
LAB\*LABq 18.03 0.0 0.0  
LAB\*LABr 18.03 0.0 0.0  
LAB\*LABs 18.03 0.0 0.0  
LAB\*LABt 18.03 0.0 0.0  
LAB\*LABu 18.03 0.0 0.0  
LAB\*LABv 18.03 0.0 0.0  
LAB\*LABw 18.03 0.0 0.0  
LAB\*LABx 18.03 0.0 0.0  
LAB\*LABy 18.03 0.0 0.0  
LAB\*LABz 18.03 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*tch 0.0 0.0 0.0  
lab\*nch 0.0 0.0 0.0  
lab\*trj 0.0 0.0 0.0  
lab\*trc 0.0 0.0 0.0  
lab\*trd 0.0 0.0 0.0  
lab\*tre 0.0 0.0 0.0  
lab\*trf 0.0 0.0 0.0  
lab\*trg 0.0 0.0 0.0  
lab\*trh 0.0 0.0 0.0  
lab\*tri 0.0 0.0 0.0  
lab\*trj 0.0 0.0 0.0  
lab\*trk 0.0 0.0 0.0  
lab\*trl 0.0 0.0 0.0  
lab\*trm 0.0 0.0 0.0  
lab\*trn 0.0 0.0 0.0  
lab\*tro 0.0 0.0 0.0  
lab\*trp 0.0 0.0 0.0  
lab\*trq 0.0 0.0 0.0  
lab\*trr 0.0 0.0 0.0  
lab\*trs 0.0 0.0 0.0  
lab\*trt 0.0 0.0 0.0  
lab\*tru 0.0 0.0 0.0  
lab\*trv 0.0 0.0 0.0  
lab\*trw 0.0 0.0 0.0  
lab\*trx 0.0 0.0 0.0  
lab\*try 0.0 0.0 0.0  
lab\*trz 0.0 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.0 0.0 0.0 (1.0)  
cmyn3\* 1.0 1.0 1.0 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
standard and adapted CIELAB  
LAB\*LAB 18.03 0.0 0.0  
LAB\*LABa 18.03 0.0 0.0  
LAB\*LABb 18.03 0.0 0.0  
LAB\*LABc 18.03 0.0 0.0  
LAB\*LABd 18.03 0.0 0.0  
LAB\*LABe 18.03 0.0 0.0  
LAB\*LABf 18.03 0.0 0.0  
LAB\*LABg 18.03 0.0 0.0  
LAB\*LABh 18.03 0.0 0.0  
LAB\*LABi 18.03 0.0 0.0  
LAB\*LABj 18.03 0.0 0.0  
LAB\*LABk 18.03 0.0 0.0  
LAB\*LABl 18.03 0.0 0.0  
LAB\*LABm 18.03 0.0 0.0  
LAB\*LABn 18.03 0.0 0.0  
LAB\*LABo 18.03 0.0 0.0  
LAB\*LABp 18.03 0.0

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

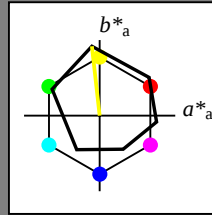
für Buntton  $h^* = lab^*h = 96/360 = 0.268$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton Y

LCH\*Ma: 90 92 96

olv\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>Ma</sub>  | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>Ma</sub>  | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>Ma</sub>  | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>Ma</sub>  | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

Ausgabe: Farbmatisches Fernseh-Licht-System TLS18

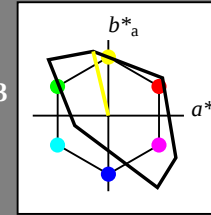
für Buntton  $h^* = lab^*h = 103/360 = 0.287$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton Y

LCH\*Ma: 93 87 103

olv\*Ma: 1.0 1.0 0.0

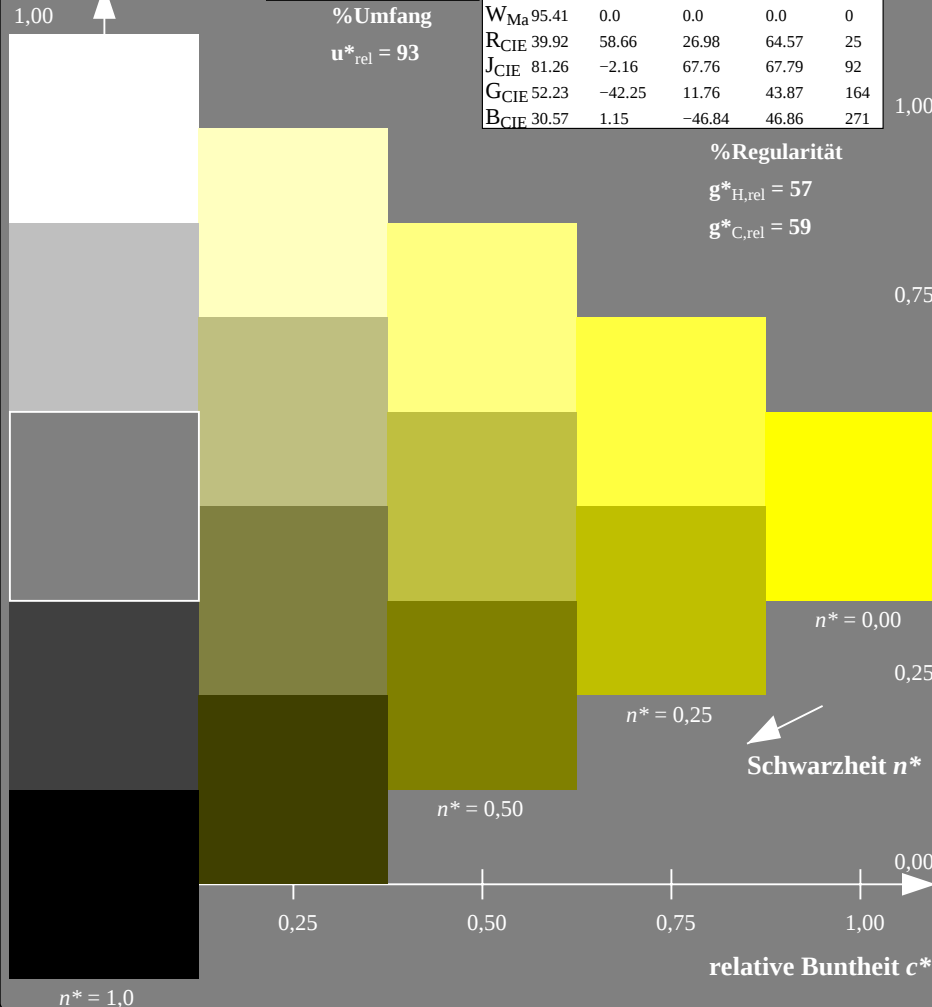
Dreiecks-Helligkeit



TLS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>  | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>  | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>  | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>  | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>  | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

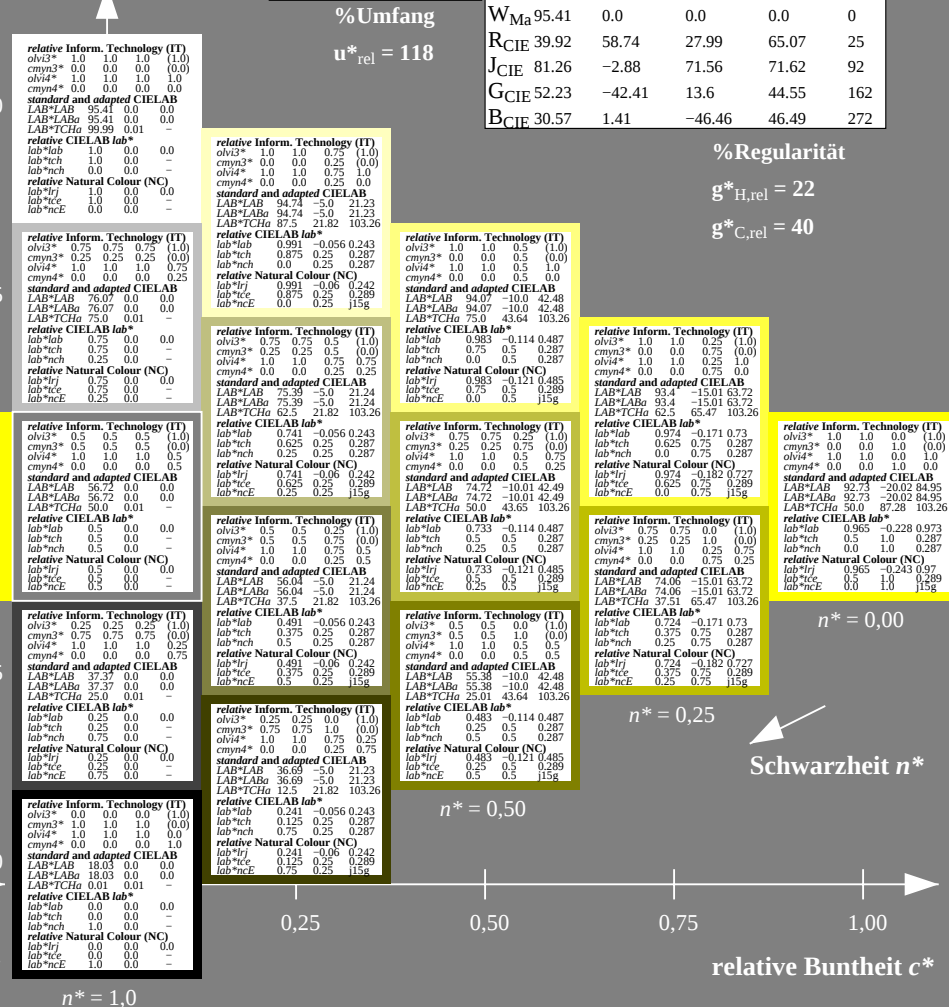
%Regularität

 $g^*_{H,rel} = 22$  $g^*_{C,rel} = 40$ 

NG410-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

BAM-Prüfvorlage NG41; Farbmatrik-Systeme ORS18 &amp; ORS18input: olv\* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend



5 stufige Reihen für konstanten CIELAB Buntton 103/360 = 0.287 (rechts)

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

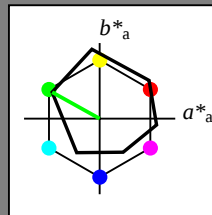
für Buntton  $h^* = lab^*h = 151/360 = 0.419$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton L

LCH\*Ma: 51 72 151

olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>Ma</sub>  | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>Ma</sub>  | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>Ma</sub>  | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>Ma</sub>  | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

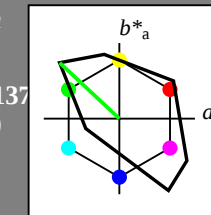
für Buntton  $h^* = lab^*h = 137/360 = 0.38$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton L

LCH\*Ma: 84 108 137

olv\*Ma: 0.0 1.0 0.0

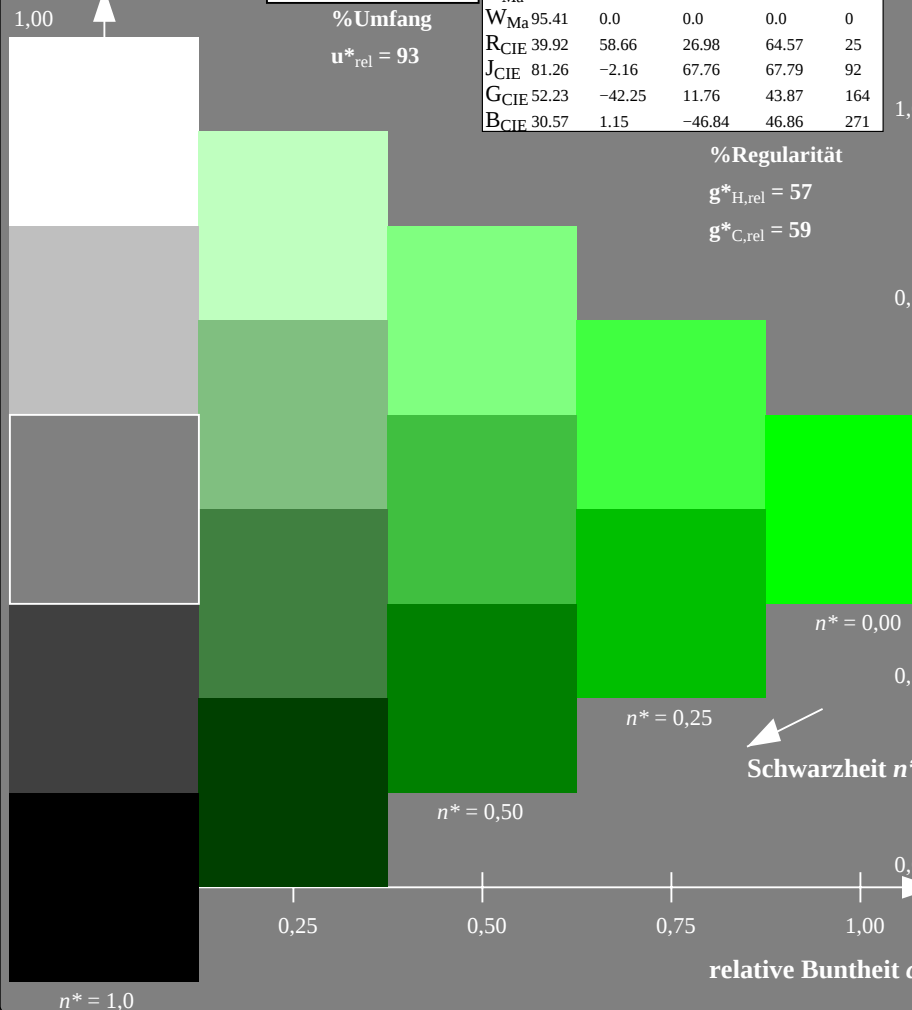
Dreiecks-Helligkeit



TLS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>  | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>  | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>  | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>  | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>  | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

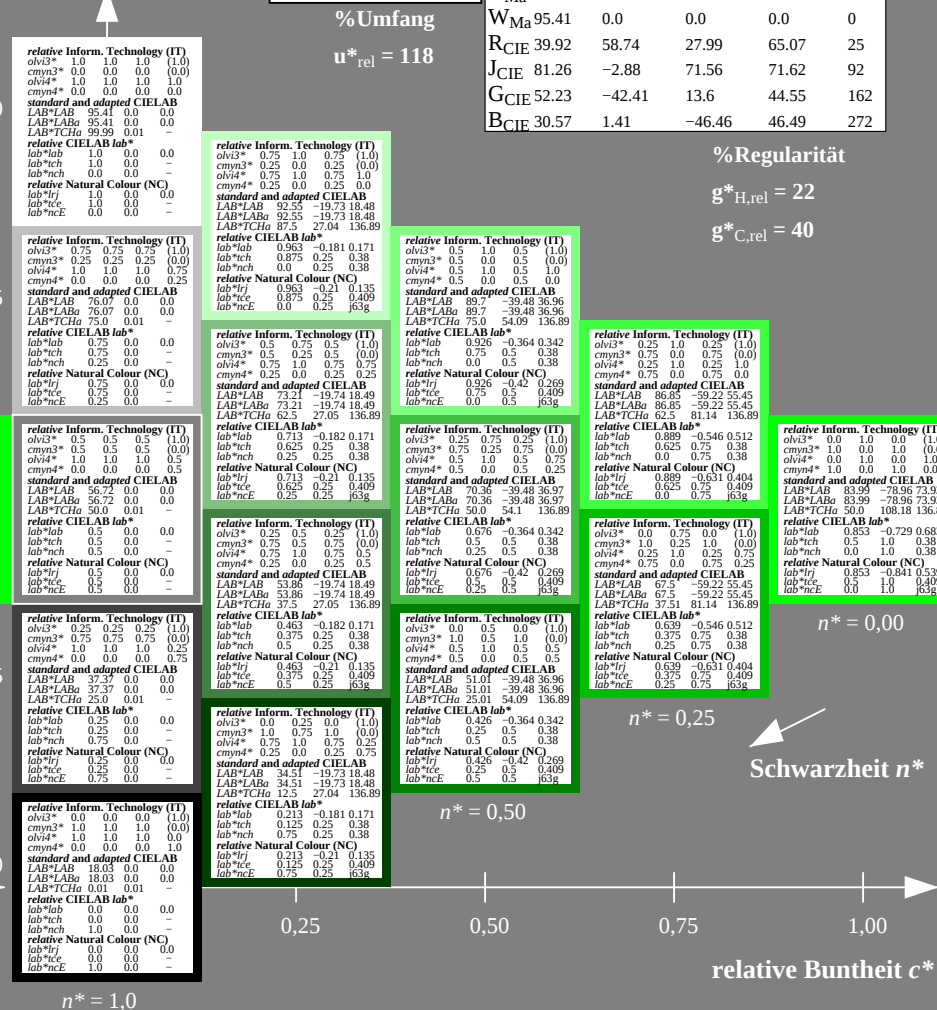
%Regularität

 $g^*_{H,rel} = 22$  $g^*_{C,rel} = 40$ 

NG410-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

BAM-Prüfvorlage NG41; Farbmetrik-Systeme ORS18 &amp; ORS18input: olv\* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend



5 stufige Reihen für konstanten CIELAB Buntton 137/360 = 0.38 (rechts)

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

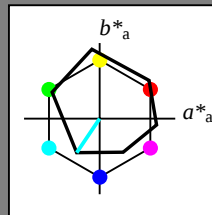
für Buntton  $h^* = lab^*h = 236/360 = 0.656$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton C

LCH\*Ma: 59 54 236

olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>Ma</sub>  | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>Ma</sub>  | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>Ma</sub>  | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>Ma</sub>  | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

1,00

0,75

n\* = 0,00

0,25

n\* = 0,25

n\* = 0,50

n\* = 1,0

relative Buntheit c\*

NG410-7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

BAM-Prüfvorlage NG41; Farbmatrik-Systeme ORS18 &amp; ORS18input: olv\* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

Ausgabe: Farbmatisches Fernseh-Licht-System TLS18

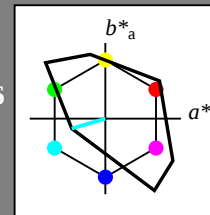
für Buntton  $h^* = lab^*h = 196/360 = 0.546$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton C

LCH\*Ma: 87 46 196

olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 118$ 

TLS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>  | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>  | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>  | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>  | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>  | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 22$  $g^*_{C,rel} = 40$ 

1,00

0,75

n\* = 0,00

0,25

n\* = 0,25

n\* = 0,50

n\* = 1,0

relative Buntheit c\*

5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.546 (rechts)

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

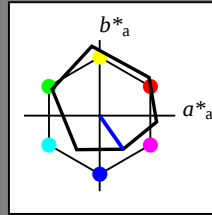
für Buntton  $h^* = lab^*h = 305/360 = 0.847$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton V

LCH\*Ma: 26 54 305

olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>Ma</sub>  | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>Ma</sub>  | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>Ma</sub>  | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>Ma</sub>  | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

1,00

0,75

0,25

0,00

n\* = 0,00

n\* = 0,25

n\* = 0,50

0,00

n\* = 1,0

relative Buntheit  $c^*$ 

NG410-7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

BAM-Prüfvorlage NG41; Farbmatrik-Systeme ORS18 &amp; ORS18input: olv\* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependent

Ausgabe: Farbmatisches Fernseh-Licht-System TLS18

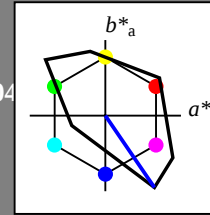
für Buntton  $h^* = lab^*h = 304/360 = 0.845$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton V

LCH\*Ma: 35 115 304

olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 118$ 

TLS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>  | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>  | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>  | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>  | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>  | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 22$  $g^*_{C,rel} = 40$ 

1,00

0,75

0,25

0,00

n\* = 0,00

n\* = 0,25

n\* = 0,50

0,00

n\* = 1,0

relative Buntheit  $c^*$ 

5 stufige Reihen für konstanten CIELAB Buntton 304/360 = 0.845 (rechts)



Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

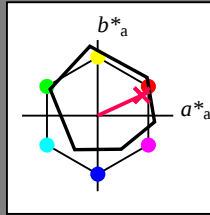
für Buntton  $h^* = lab^*h = 25/360 = 0.069$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton R

LCH\*Ma: 48 75 25

olv\*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>Ma</sub>  | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>Ma</sub>  | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>Ma</sub>  | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>Ma</sub>  | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

Ausgabe: Farbmatisches Fernseh-Licht-System TLS18

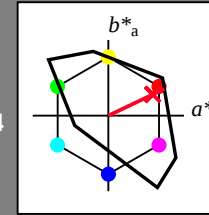
für Buntton  $h^* = lab^*h = 25/360 = 0.071$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton R

LCH\*Ma: 54 82 25

olv\*Ma: 1.0 0.0 0.14

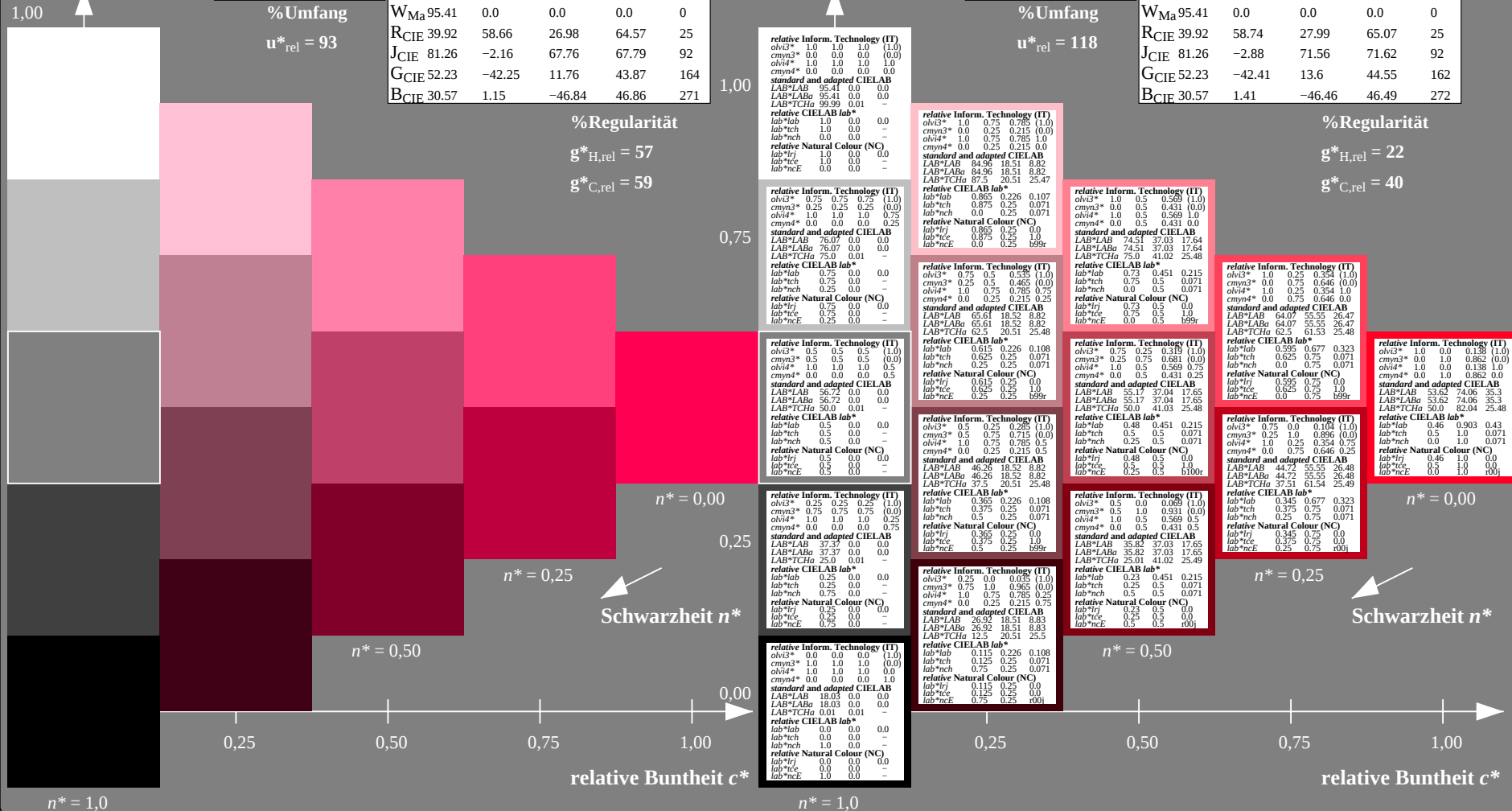
Dreiecks-Helligkeit



TLS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>  | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>  | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>  | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>  | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>  | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 22$  $g^*_{C,rel} = 40$ 

NG410-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (rechts)

BAM-Prüfvorlage NG41; Farbmatrik-Systeme ORS18 &amp; ORS18input: olv\* setrgbcolor

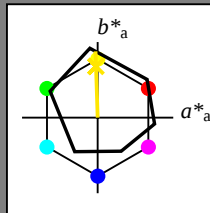
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependent

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 92/360 = 0.255$  $lab^*tch$  und  $lab^*nch$ D65: Buntton J  
LCH\*Ma: 86 88 92  
olv\*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit

1,00



%Umfang

 $u^*_{rel} = 93$ 

ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>Ma</sub>  | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>Ma</sub>  | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>Ma</sub>  | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>Ma</sub>  | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

1,00

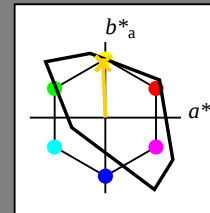
|                                  |                   |
|----------------------------------|-------------------|
| relative Inform. Technology (IT) |                   |
| olvi3*                           | 1.0 1.0 1.0 (1.0) |
| olvi4*                           | 0.0 0.0 0.0 (0.0) |
| olvi5*                           | 0.0 0.0 0.0 (0.0) |
| olvi6*                           | 0.0 0.0 0.0 (0.0) |
| olvi7*                           | 0.0 0.0 0.0 (0.0) |
| olvi8*                           | 0.0 0.0 0.0 (0.0) |
| olvi9*                           | 0.0 0.0 0.0 (0.0) |
| olvi10*                          | 0.0 0.0 0.0 (0.0) |
| olvi11*                          | 0.0 0.0 0.0 (0.0) |
| olvi12*                          | 0.0 0.0 0.0 (0.0) |
| olvi13*                          | 0.0 0.0 0.0 (0.0) |
| olvi14*                          | 0.0 0.0 0.0 (0.0) |
| olvi15*                          | 0.0 0.0 0.0 (0.0) |
| olvi16*                          | 0.0 0.0 0.0 (0.0) |
| olvi17*                          | 0.0 0.0 0.0 (0.0) |
| olvi18*                          | 0.0 0.0 0.0 (0.0) |
| olvi19*                          | 0.0 0.0 0.0 (0.0) |
| olvi20*                          | 0.0 0.0 0.0 (0.0) |
| olvi21*                          | 0.0 0.0 0.0 (0.0) |
| olvi22*                          | 0.0 0.0 0.0 (0.0) |
| olvi23*                          | 0.0 0.0 0.0 (0.0) |
| olvi24*                          | 0.0 0.0 0.0 (0.0) |
| olvi25*                          | 0.0 0.0 0.0 (0.0) |
| olvi26*                          | 0.0 0.0 0.0 (0.0) |
| olvi27*                          | 0.0 0.0 0.0 (0.0) |
| olvi28*                          | 0.0 0.0 0.0 (0.0) |
| olvi29*                          | 0.0 0.0 0.0 (0.0) |
| olvi30*                          | 0.0 0.0 0.0 (0.0) |
| olvi31*                          | 0.0 0.0 0.0 (0.0) |
| olvi32*                          | 0.0 0.0 0.0 (0.0) |
| olvi33*                          | 0.0 0.0 0.0 (0.0) |
| olvi34*                          | 0.0 0.0 0.0 (0.0) |
| olvi35*                          | 0.0 0.0 0.0 (0.0) |
| olvi36*                          | 0.0 0.0 0.0 (0.0) |
| olvi37*                          | 0.0 0.0 0.0 (0.0) |
| olvi38*                          | 0.0 0.0 0.0 (0.0) |
| olvi39*                          | 0.0 0.0 0.0 (0.0) |
| olvi40*                          | 0.0 0.0 0.0 (0.0) |
| olvi41*                          | 0.0 0.0 0.0 (0.0) |
| olvi42*                          | 0.0 0.0 0.0 (0.0) |
| olvi43*                          | 0.0 0.0 0.0 (0.0) |
| olvi44*                          | 0.0 0.0 0.0 (0.0) |
| olvi45*                          | 0.0 0.0 0.0 (0.0) |
| olvi46*                          | 0.0 0.0 0.0 (0.0) |
| olvi47*                          | 0.0 0.0 0.0 (0.0) |
| olvi48*                          | 0.0 0.0 0.0 (0.0) |
| olvi49*                          | 0.0 0.0 0.0 (0.0) |
| olvi50*                          | 0.0 0.0 0.0 (0.0) |
| olvi51*                          | 0.0 0.0 0.0 (0.0) |
| olvi52*                          | 0.0 0.0 0.0 (0.0) |
| olvi53*                          | 0.0 0.0 0.0 (0.0) |
| olvi54*                          | 0.0 0.0 0.0 (0.0) |
| olvi55*                          | 0.0 0.0 0.0 (0.0) |
| olvi56*                          | 0.0 0.0 0.0 (0.0) |
| olvi57*                          | 0.0 0.0 0.0 (0.0) |
| olvi58*                          | 0.0 0.0 0.0 (0.0) |
| olvi59*                          | 0.0 0.0 0.0 (0.0) |
| olvi60*                          | 0.0 0.0 0.0 (0.0) |
| olvi61*                          | 0.0 0.0 0.0 (0.0) |
| olvi62*                          | 0.0 0.0 0.0 (0.0) |
| olvi63*                          | 0.0 0.0 0.0 (0.0) |
| olvi64*                          | 0.0 0.0 0.0 (0.0) |
| olvi65*                          | 0.0 0.0 0.0 (0.0) |
| olvi66*                          | 0.0 0.0 0.0 (0.0) |
| olvi67*                          | 0.0 0.0 0.0 (0.0) |
| olvi68*                          | 0.0 0.0 0.0 (0.0) |
| olvi69*                          | 0.0 0.0 0.0 (0.0) |
| olvi70*                          | 0.0 0.0 0.0 (0.0) |
| olvi71*                          | 0.0 0.0 0.0 (0.0) |
| olvi72*                          | 0.0 0.0 0.0 (0.0) |
| olvi73*                          | 0.0 0.0 0.0 (0.0) |
| olvi74*                          | 0.0 0.0 0.0 (0.0) |
| olvi75*                          | 0.0 0.0 0.0 (0.0) |
| olvi76*                          | 0.0 0.0 0.0 (0.0) |
| olvi77*                          | 0.0 0.0 0.0 (0.0) |
| olvi78*                          | 0.0 0.0 0.0 (0.0) |
| olvi79*                          | 0.0 0.0 0.0 (0.0) |
| olvi80*                          | 0.0 0.0 0.0 (0.0) |
| olvi81*                          | 0.0 0.0 0.0 (0.0) |
| olvi82*                          | 0.0 0.0 0.0 (0.0) |
| olvi83*                          | 0.0 0.0 0.0 (0.0) |
| olvi84*                          | 0.0 0.0 0.0 (0.0) |
| olvi85*                          | 0.0 0.0 0.0 (0.0) |
| olvi86*                          | 0.0 0.0 0.0 (0.0) |
| olvi87*                          | 0.0 0.0 0.0 (0.0) |
| olvi88*                          | 0.0 0.0 0.0 (0.0) |
| olvi89*                          | 0.0 0.0 0.0 (0.0) |
| olvi90*                          | 0.0 0.0 0.0 (0.0) |
| olvi91*                          | 0.0 0.0 0.0 (0.0) |
| olvi92*                          | 0.0 0.0 0.0 (0.0) |
| olvi93*                          | 0.0 0.0 0.0 (0.0) |
| olvi94*                          | 0.0 0.0 0.0 (0.0) |
| olvi95*                          | 0.0 0.0 0.0 (0.0) |
| olvi96*                          | 0.0 0.0 0.0 (0.0) |
| olvi97*                          | 0.0 0.0 0.0 (0.0) |
| olvi98*                          | 0.0 0.0 0.0 (0.0) |
| olvi99*                          | 0.0 0.0 0.0 (0.0) |
| olvi100*                         | 0.0 0.0 0.0 (0.0) |

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton  $h^* = lab^*h = 92/360 = 0.256$  $lab^*tch$  und  $lab^*nch$ D65: Buntton J  
LCH\*Ma: 85 79 92  
olv\*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit

1,00



%Umfang

 $u^*_{rel} = 118$ 

TLS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>  | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>  | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>  | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>  | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>  | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 22$  $g^*_{C,rel} = 40$ 

1,00

|                                  |                      |
|----------------------------------|----------------------|
| relative Inform. Technology (IT) |                      |
| olvi3*                           | 1.0 0.954 0.75 (1.0) |
| olvi4*                           | 0.0 0.046 0.25 (0.0) |
| olvi5*                           | 1.0 0.954 0.75 (1.0) |
| olvi6*                           | 0.0 0.046 0.25 (0.0) |
| olvi7*                           | 1.0 0.954 0.75 (1.0) |
| olvi8*                           | 0.0 0.046 0.25 (0.0) |
| olvi9*                           | 1.0 0.954 0.75 (1.0) |
| olvi10*                          | 0.0 0.046 0.25 (0.0) |
| olvi11*                          | 1.0 0.954 0.75 (1.0) |
| olvi12*                          | 0.0 0.046 0.25 (0.0) |
| olvi13*                          | 1.0 0.954 0.75 (1.0) |
| olvi14*                          | 0.0 0.046 0.25 (0.0) |
| olvi15*                          | 1.0 0.954 0.75 (1.0) |
| olvi16*                          | 0.0 0.046 0.25 (0.0) |
| olvi17*                          | 1.0 0.954 0.75 (1.0) |
| olvi18*                          | 0.0 0.046 0.25 (0.0) |
| olvi19*                          | 1.0 0.954 0.75 (1.0) |
| olvi20*                          | 0.0 0.046 0.25 (0.0) |
| olvi21*                          | 1.0 0.954 0.75 (1.0) |
| olvi22*                          | 0.0 0.046 0.25 (0.0) |
| olvi23*                          | 1.0 0.954 0.75 (1.0) |
| olvi24*                          | 0.0 0.046 0.25 (0.0) |
| olvi25*                          | 1.0 0.954 0.75 (1.0) |
| olvi26*                          | 0.0 0.046 0.25 (0.0) |
| olvi27*                          | 1.0 0.954 0.75 (1.0) |
| olvi28*                          | 0.0 0.046 0.25 (0.0) |
| olvi29*                          | 1.0 0.954 0.75 (1.0) |
| olvi30*                          | 0.0 0.046 0.25 (0.0) |
| olvi31*                          | 1.0 0.954 0.75 (1.0) |
| olvi32*                          | 0.0 0.046 0.25 (0.0) |
| olvi33*                          | 1.0 0.954 0.75 (1.0) |
| olvi34*                          | 0.0 0.046 0.25 (0.0) |
| olvi35*                          | 1.0 0.954 0.75 (1.0) |
| olvi36*                          | 0.0 0.046 0.25 (0.0) |
| olvi37*                          | 1.0 0.954 0.75 (1.0) |
| olvi38*                          | 0.0 0.046 0.25 (0.0) |
| olvi39*                          | 1.0 0.954 0.75 (1.0) |
| olvi40*                          | 0.0 0.046 0.25 (0.0) |
| olvi41*                          | 1.0 0.954 0.75 (1.0) |
| olvi42*                          | 0.0 0.046 0.25 (0.0) |
| olvi43*                          | 1.0 0.954 0.75 (1.0) |
| olvi44*                          | 0.0 0.046 0.25 (0.0) |
| olvi45*                          | 1.0 0.954 0.75 (1.0) |
| olvi46*                          | 0.0 0.046 0.25 (0.0) |
| olvi47*                          | 1.0 0.954 0.75 (1.0) |
| olvi48*                          | 0.0 0.046 0.25 (0.0) |
| olvi49*                          | 1.0 0.954 0.75 (1.0) |
| olvi50*                          | 0.0 0.046 0.25 (0.0) |
| olvi51*                          | 1.0 0.954 0.75 (1.0) |
| olvi52*                          | 0.0 0.046 0.25 (0.0) |
| olvi53*                          | 1.0 0.954 0.75 (1.0) |
| olvi54*                          | 0.0 0.046 0.25 (0.0) |
| olvi55*                          | 1.0 0.954 0.75 (1.0) |
| olvi56*                          | 0.0 0.046 0.25 (0.0) |
| olvi57*                          | 1.0 0.954 0.75 (1.0) |
| olvi58*                          | 0.0 0.046 0.25 (0.0) |
| olvi59*                          | 1.0 0.954 0.75 (1.0) |
| olvi60*                          | 0.0 0.046 0.25 (0.0) |
| olvi61*                          | 1.0 0.954 0.75 (1.0) |
| olvi62*                          | 0.0 0.046 0.25 (0.0) |
| olvi63*                          | 1.0 0.954 0.75 (1.0) |
| olvi64*                          | 0.0 0.046 0.25 (0.0) |
| olvi65*                          | 1.0 0.954 0.75 (1.0) |
| olvi66*                          | 0.0 0.046 0.25 (0.0) |
| olvi67*                          | 1.0 0.954 0.75 (1.0) |
| olvi68*                          | 0.0 0.046 0.25 (0.0) |
| olvi69*                          | 1.0 0.954 0.75 (1.0) |
| olvi70*                          | 0.0 0.046 0.25 (0.0) |
| olvi71*                          | 1.0 0.954 0.75 (1.0) |
| olvi72*                          | 0.0 0.046 0.25 (0.0) |
| olvi73*                          | 1.0 0.954 0.75 (1.0) |
| olvi74*                          | 0.0 0.046 0.25 (0.0) |
| olvi75*                          | 1.0 0.954 0.75 (1.0) |
| olvi76*                          | 0.0 0.046 0.25 (0.0) |
| olvi77*                          | 1.0 0.954 0.75 (1.0) |
| olvi78*                          | 0.0 0.046 0.25 (0.0) |
| olvi79*                          | 1.0 0.954 0.75 (1.0) |
| olvi80*                          | 0.0 0.046 0.25 (0.0) |
| olvi81*                          | 1.0 0.954 0.75 (1.0) |
| olvi82*                          | 0.0 0.046 0.25 (0.0) |
| olvi83*                          | 1.0 0.954 0.75 (1.0) |
| olvi84*                          | 0.0 0.046 0.25 (0.0) |
| olvi85*                          | 1.0 0.954 0.75 (1.0) |
| olvi86*                          | 0.0 0.046 0.25 (0.0) |
| olvi87*                          | 1.0 0.954 0.75 (1.0) |
| olvi88*                          | 0.0 0.046 0.25 (0.0) |
| olvi89*                          | 1.0 0.954 0.75 (1.0) |
| olvi90*                          | 0.0 0.046 0.25 (0.0) |
| olvi91*                          | 1.0 0.954 0.75 (1.0) |
| olvi92*                          | 0.0 0.046 0.25 (0.0) |
| olvi93*                          | 1.0 0.954 0.75 (1.0) |
| olvi94*                          | 0.0 0.046 0.25 (0.0) |
| olvi95*                          | 1.0 0.954 0.75 (1.0) |
| olvi96*                          | 0.0 0.046 0.25 (0.0) |
| olvi97*                          | 1.0 0.954 0.75 (1.0) |
| olvi98*                          | 0.0 0.046 0.25 (0.0) |
| olvi99*                          | 1.0 0.954 0.75 (1.0) |
| olvi100*                         | 0.0 0.046 0.25 (0.0) |

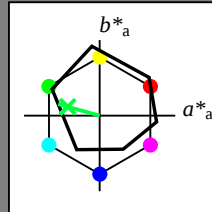
|                              |       |        |       |
|------------------------------|-------|--------|-------|
| LAB*TCh                      | 87.5  | 19.64  | 92.33 |
| relative CIELAB lab*         |       |        |       |
| lab*lab                      | 0.968 | -0.009 | 0.25  |
| lab*tch                      | 0.875 | 0.25   | 0.256 |
| lab*nch                      | 0.0   | 0.25   | 0.256 |
| relative Natural Colour (NC) |       |        |       |
| lab*lrj                      | 0.968 | 0.0    | 0.25  |
| lab*tce                      | 0.875 | 0.25   | 0.25  |
| lab*nce                      | 0.0   | 0.25   | 0.256 |

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 164/360 = 0.457$  $lab^*tch$  und  $lab^*nch$ D65: Buntton G  
LCH\*Ma: 53 57 164  
olv\*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit

1,00



%Umfang

 $u^*_{rel} = 93$ 

ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>Ma</sub>  | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>Ma</sub>  | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>Ma</sub>  | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>Ma</sub>  | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

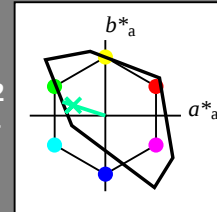
 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

Ausgabe: Farbmatisches Fernseh-Licht-System TLS18

für Buntton  $h^* = lab^*h = 162/360 = 0.451$  $lab^*tch$  und  $lab^*nch$ D65: Buntton G  
LCH\*Ma: 86 60 162  
olv\*Ma: 0.0 1.0 0.64

Dreiecks-Helligkeit

1,00



%Umfang

 $u^*_{rel} = 118$ 

TLS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>  | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>  | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>  | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>  | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>  | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 22$  $g^*_{C,rel} = 40$ Siehe ähnliche Dateien: <http://www.ps.bam.de/NG41/>  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1?BAM-Registrierung: 20060101-NG41/10L/L41G08SP.PS/.PDF BAM-Material: Code=rhatha  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
/NG41/ Form: 9/10, Serie: 1/1, Seite: 9  
Scheinung 9

NG410-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (rechts)

BAM-Prüfvorlage NG41; Farbmatrik-Systeme ORS18 &amp; ORS18input: olv\* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependent

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

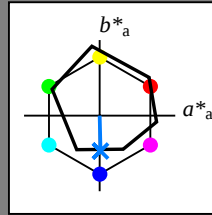
für Buntton  $h^* = lab^*h = 271/360 = 0.754$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton B

LCH\*Ma: 42 45 271

olv\*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>  | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>Ma</sub>  | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>Ma</sub>  | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>Ma</sub>  | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>Ma</sub>  | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 57$  $g^*_{C,rel} = 59$ 

1,00

0,75

 $n^* = 0,00$ 

0,25

 $n^* = 0,25$  $n^* = 0,50$  $n^* = 1,0$ relative Buntheit  $c^*$ 

NG410-7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

BAM-Prüfvorlage NG41; Farbmatrik-Systeme ORS18 &amp; ORS18input: olv\* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

Ausgabe: Farbmatisches Fernseh-Licht-System TLS18

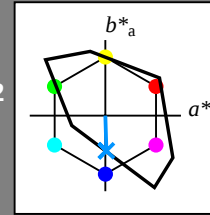
für Buntton  $h^* = lab^*h = 272/360 = 0.755$  $lab^*tch$  und  $lab^*nch$ 

D65: Buntton B

LCH\*Ma: 65 48 272

olv\*Ma: 0.0 0.58 1.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 118$ 

TLS18; adaptierte CIELAB-Daten

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>  | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>  | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>  | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>  | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>  | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>  | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</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          |

%Regularität

 $g^*_{H,rel} = 22$  $g^*_{C,rel} = 40$ 

1,00

 $n^* = 0,00$ 

0,25

 $n^* = 0,25$  $n^* = 0,50$ relative Buntheit  $c^*$ 

5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (rechts)