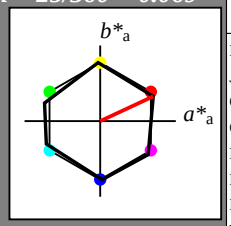
**Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18**
**für Buntton *h** = lab*h = 25/360 = 0.069***
***lab*tch* und *lab*nch***

**D65: Buntton R**
**LCH*Ma: 57 77 25**
**olv*Ma: 1.0 0.0 0.0**

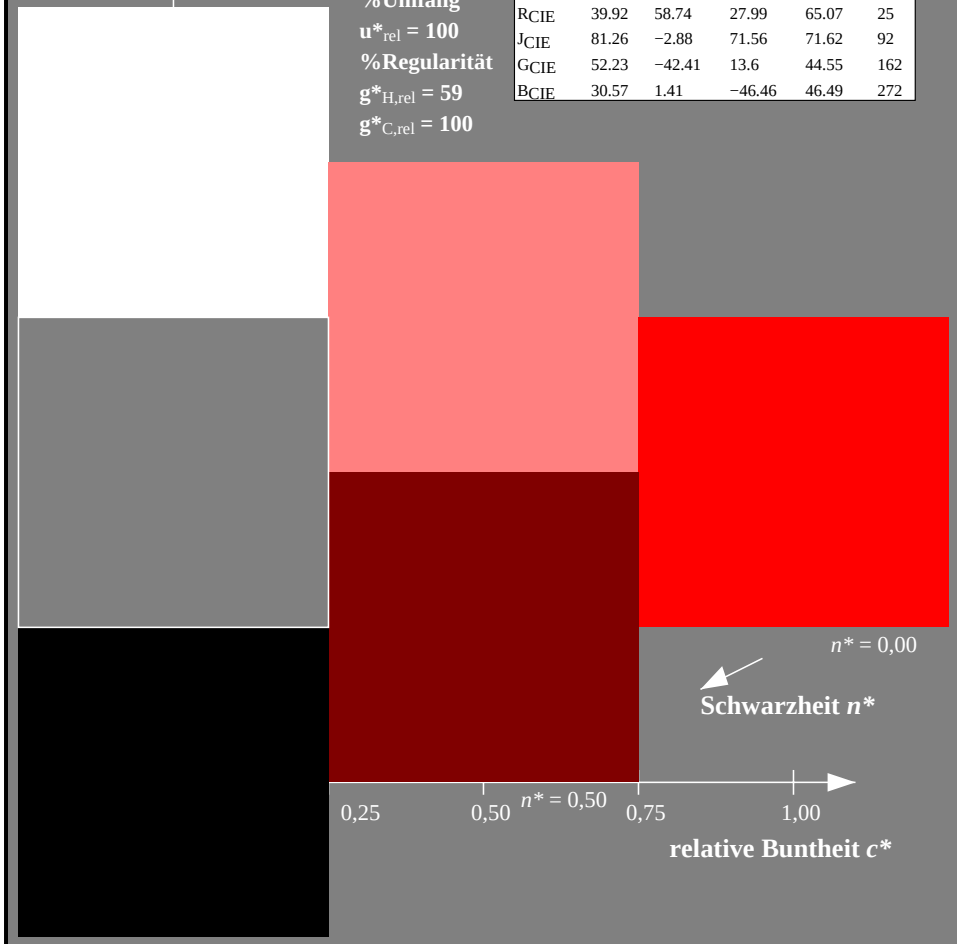
**Dreiecks-Helligkeit *t****




**%Umfang**
**$u^*_{rel}$ = 100**
**%Regularität**
**$g^*_{H,rel}$ = 59**
**$g^*_{C,rel}$ = 100**

**CNS18; adaptierte CIELAB-Daten**

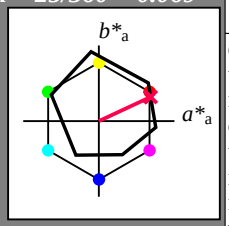
| | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---|---|---|---|---|---|
| $R_{Ma}$ | 56.7 | 70.15 | 32.71 | 77.4 | 25 |
| $J_{Ma}$ | 56.7 | −2.69 | 77.35 | 77.4 | 92 |
| $G_{Ma}$ | 56.7 | −73.6 | 23.92 | 77.4 | 162 |
| $G50B_{Ma}$ | 56.7 | −71.24 | −30.23 | 77.4 | 203 |
| $B_{Ma}$ | 56.7 | 2.7 | −77.34 | 77.4 | 272 |
| $B50R_{Ma}$ | 56.7 | 63.4 | −44.38 | 77.4 | 325 |
| $N_{Ma}$ | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| $W_{Ma}$ | 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 Offset-Reflektiv-System ORS18**
**für Buntton *h** = lab*h = 25/360 = 0.069***
***lab*tch* und *lab*nch***

**D65: Buntton O**
**LCH*Ma: 48 76 25**
**olv*Ma: 1.0 0.0 0.32**

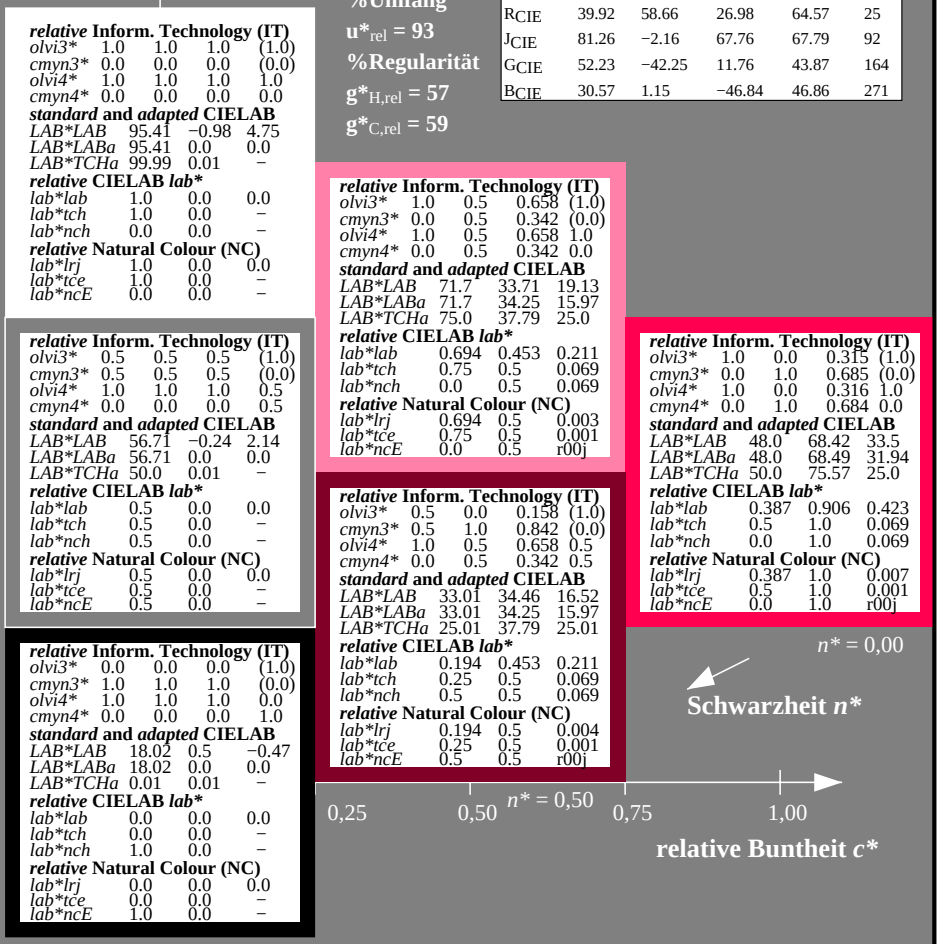
**Dreiecks-Helligkeit *t****




**%Umfang**
**$u^*_{rel}$ = 93**
**%Regularität**
**$g^*_{H,rel}$ = 57**
**$g^*_{C,rel}$ = 59**

**ORS18; adaptierte CIELAB-Daten**

| | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---|---|---|---|---|---|
| $O_{Ma}$ | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| $Y_{Ma}$ | 90.37 | −10.26 | 91.75 | 92.32 | 96 |
| $L_{Ma}$ | 50.9 | −62.83 | 34.96 | 71.91 | 151 |
| $C_{Ma}$ | 58.62 | −30.34 | −45.01 | 54.3 | 236 |
| $V_{Ma}$ | 25.72 | 31.1 | −44.4 | 54.22 | 305 |
| $M_{Ma}$ | 48.13 | 75.28 | −8.36 | 75.74 | 354 |
| $N_{Ma}$ | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| $W_{Ma}$ | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| $R_{CIE}$ | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| $J_{CIE}$ | 81.26 | −2.16 | 67.76 | 67.79 | 92 |
| $G_{CIE}$ | 52.23 | −42.25 | 11.76 | 43.87 | 164 |
| $B_{CIE}$ | 30.57 | 1.15 | −46.84 | 46.86 | 271 |




***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 | −0.98 | 4.75 |
| *LAB*LABa* | 95.41 | 0.0 | 0.0 |
| *LAB*TCHa* | 99.99 | 0.01 | – |

***relative* CIELAB *lab****

| | | | |
|---|---|---|---|
| *lab*lab* | 1.0 | 0.0 | 0.0 |
| *lab*tch* | 1.0 | 0.0 | – |
| *lab*nch* | 0.0 | 0.0 | – |

***relative* Natural Colour (NC)**

| | | | |
|---|---|---|---|
| *lab*lrj* | 1.0 | 0.0 | 0.0 |
| *lab*tce* | 1.0 | 0.0 | – |
| *lab*ncE* | 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 0.5 |
| *cmyn4** | 0.0 | 0.0 | 0.0 0.5 |

***standard* and *adapted* CIELAB**

| | | | |
|---|---|---|---|
| *LAB*LAB* | 56.71 | −0.24 | 2.14 |
| *LAB*LABa* | 56.71 | 0.0 | 0.0 |
| *LAB*TCHa* | 50.0 | 0.01 | – |

***relative* CIELAB *lab****

| | | | |
|---|---|---|---|
| *lab*lab* | 0.5 | 0.0 | 0.0 |
| *lab*tch* | 0.5 | 0.0 | – |
| *lab*nch* | 0.5 | 0.0 | – |

***relative* Natural Colour (NC)**

| | | | |
|---|---|---|---|
| *lab*lrj* | 0.5 | 0.0 | 0.0 |
| *lab*tce* | 0.5 | 0.0 | – |
| *lab*ncE* | 0.5 | 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 0.0 |
| *cmyn4** | 0.0 | 0.0 | 0.0 1.0 |

***standard* and *adapted* CIELAB**

| | | | |
|---|---|---|---|
| *LAB*LAB* | 18.02 | 0.5 | −0.47 |
| *LAB*LABa* | 18.02 | 0.0 | 0.0 |
| *LAB*TCHa* | 0.01 | 0.01 | – |

***relative* CIELAB *lab****

| | | | |
|---|---|---|---|
| *lab*lab* | 0.0 | 0.0 | 0.0 |
| *lab*tch* | 0.0 | 0.0 | – |
| *lab*nch* | 1.0 | 0.0 | – |

***relative* Natural Colour (NC)**

| | | | |
|---|---|---|---|
| *lab*lrj* | 0.0 | 0.0 | 0.0 |
| *lab*tce* | 0.0 | 0.0 | – |
| *lab*ncE* | 1.0 | 0.0 | – |

***relative* Inform. Technology (IT)**

| | | | |
|---|---|---|---|
| *olvi3** | 1.0 | 0.5 | 0.658 (1.0) |
| *cmyn3** | 0.0 | 0.5 | 0.342 (0.0) |
| *olvi4** | 1.0 | 0.5 | 0.658 1.0 |
| *cmyn4** | 0.0 | 0.5 | 0.342 0.0 |

***standard* and *adapted* CIELAB**

| | | | |
|---|---|---|---|
| *LAB*LAB* | 71.7 | 33.71 | 19.13 |
| *LAB*LABa* | 71.7 | 34.25 | 15.97 |
| *LAB*TCHa* | 75.0 | 37.79 | 25.0 |

***relative* CIELAB *lab****

| | | | |
|---|---|---|---|
| *lab*lab* | 0.694 | 0.453 | 0.211 |
| *lab*tch* | 0.75 | 0.5 | 0.069 |
| *lab*nch* | 0.0 | 0.5 | 0.069 |

***relative* Natural Colour (NC)**

| | | | |
|---|---|---|---|
| *lab*lrj* | 0.694 | 0.5 | 0.003 |
| *lab*tce* | 0.75 | 0.5 | 0.001 |
| *lab*ncE* | 0.0 | 0.5 | r00j |

***relative* Inform. Technology (IT)**

| | | | |
|---|---|---|---|
| *olvi3** | 0.5 | 0.0 | 0.158 (1.0) |
| *cmyn3** | 0.5 | 1.0 | 0.842 (0.0) |
| *olvi4** | 1.0 | 0.5 | 0.658 0.5 |
| *cmyn4** | 0.0 | 0.5 | 0.342 0.5 |

***standard* and *adapted* CIELAB**

| | | | |
|---|---|---|---|
| *LAB*LAB* | 33.01 | 34.46 | 16.52 |
| *LAB*LABa* | 33.01 | 34.25 | 15.97 |
| *LAB*TCHa* | 25.01 | 37.79 | 25.01 |

***relative* CIELAB *lab****

| | | | |
|---|---|---|---|
| *lab*lab* | 0.194 | 0.453 | 0.211 |
| *lab*tch* | 0.25 | 0.5 | 0.069 |
| *lab*nch* | 0.5 | 0.5 | 0.069 |

***relative* Natural Colour (NC)**

| | | | |
|---|---|---|---|
| *lab*lrj* | 0.194 | 0.5 | 0.004 |
| *lab*tce* | 0.25 | 0.5 | 0.001 |
| *lab*ncE* | 0.5 | 0.5 | r00j |

***relative* Inform. Technology (IT)**

| | | | |
|---|---|---|---|
| *olvi3** | 1.0 | 0.0 | 0.315 (1.0) |
| *cmyn3** | 0.0 | 1.0 | 0.685 (0.0) |
| *olvi4** | 1.0 | 0.0 | 0.316 1.0 |
| *cmyn4** | 0.0 | 1.0 | 0.684 0.0 |

***standard* and *adapted* CIELAB**

| | | | |
|---|---|---|---|
| *LAB*LAB* | 48.0 | 68.42 | 33.5 |
| *LAB*LABa* | 48.0 | 68.49 | 31.94 |
| *LAB*TCHa* | 50.0 | 75.57 | 25.0 |

***relative* CIELAB *lab****

| | | | |
|---|---|---|---|
| *lab*lab* | 0.387 | 0.906 | 0.423 |
| *lab*tch* | 0.5 | 1.0 | 0.069 |
| *lab*nch* | 0.0 | 1.0 | 0.069 |

***relative* Natural Colour (NC)**

| | | | |
|---|---|---|---|
| *lab*lrj* | 0.387 | 1.0 | 0.007 |
| *lab*tce* | 0.5 | 1.0 | 0.001 |
| *lab*ncE* | 0.0 | 1.0 | r00j |

VG400−7, 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)