**Input and Output: Television Luminous System TLS00a for relative CIELAB hue $h_{ab,a,rel}$ = $h_{ab}$/360 = 196/360 = 0.54**

**$H^*_d$ = G50B$_d$**

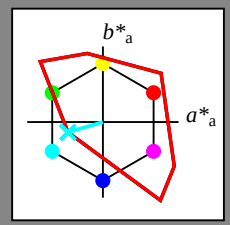
**Data for any device (d) or elementary (e) colour:**

***HIC*$^*_d$**

**hue text for the colours of this page:**

**$H^*_d$ = G50B$_d$**

**triangle lightness *T**




**TLS00a; adapted (a) CIELAB data**

| name | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---|---|---|---|---|---|
| $R_{d,Ma}$ | 50.4 | 76.9 | 64.5 | 100.4 | 40 |
| $Y_{d,Ma}$ | 92.6 | −20.7 | 90.7 | 93.0 | 102 |
| $G_{d,Ma}$ | 83.6 | −82.7 | 79.8 | 115.0 | 136 |
| $C_{d,Ma}$ | 86.8 | −46.1 | −13.5 | 48.1 | 196 |
| $B_{d,Ma}$ | 30.3 | 76.0 | −103.5 | 128.5 | 306 |
| $M_{d,Ma}$ | 57.2 | 94.3 | −58.4 | 110.9 | 328 |
| $N_{d,Ma}$ | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| $W_{d,Ma}$ | 95.4 | 0.0 | 0.0 | 0.0 | 0 |
| $R_{d,CIE}$ | 39.9 | 58.7 | 27.9 | 65.0 | 25 |
| $Y_{d,CIE}$ | 81.2 | −2.8 | 71.5 | 71.6 | 92 |
| $G_{d,CIE}$ | 52.2 | −42.4 | 13.6 | 44.5 | 162 |
| $B_{d,CIE}$ | 30.5 | 1.4 | −46.4 | 46.4 | 271 |

**Data for maximum colour (Ma):**

***LabCh*$^*_{d,Ma}$: 86 −46 −13 48 196**

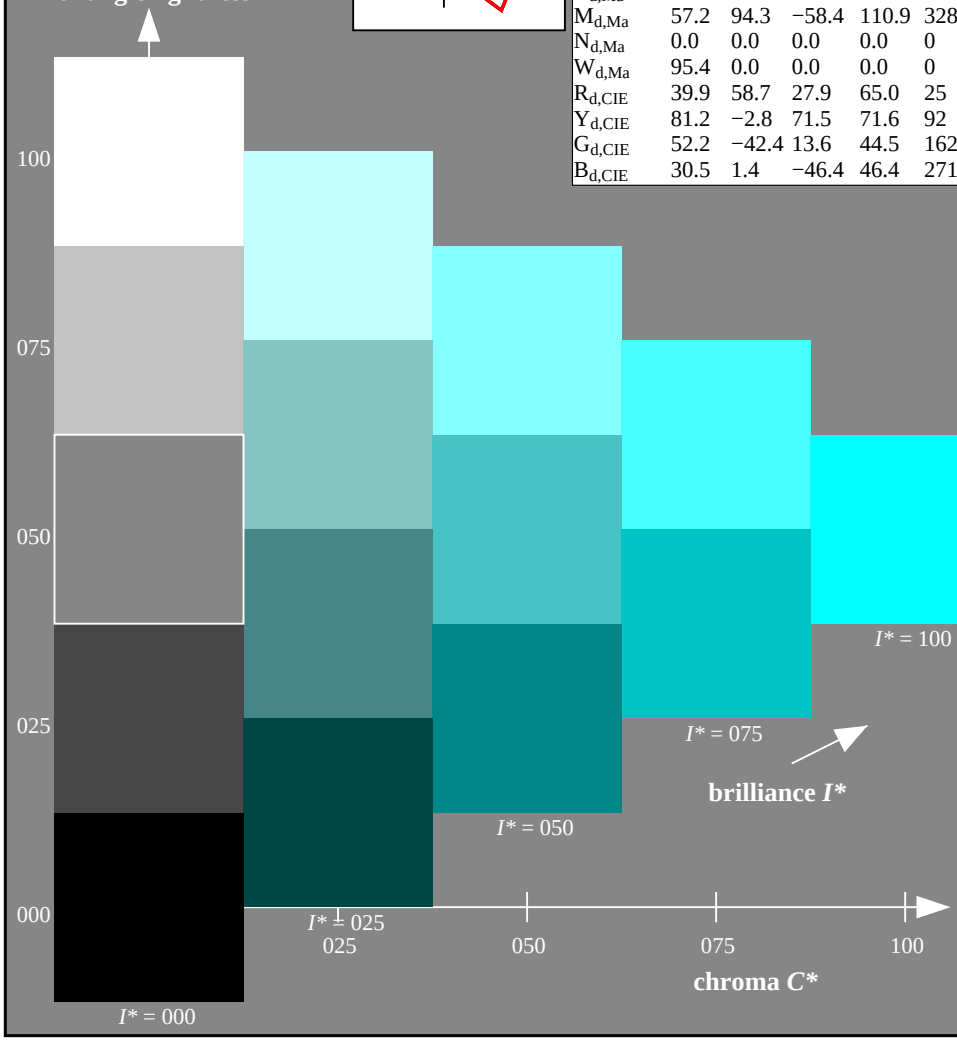
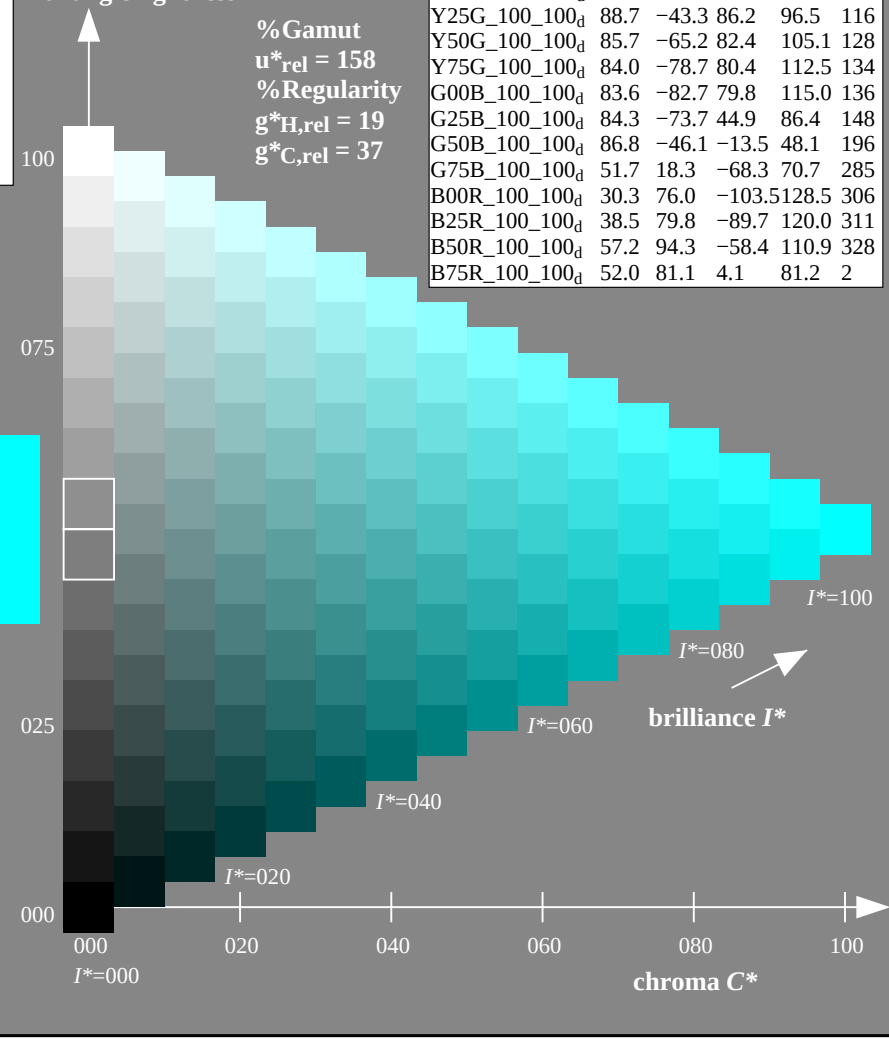
***HIC*$^*_{d,Ma}$: G50B_100_100$_d$**

***rgbic*$^*_{d,Ma}$:**

**0.0 1.0 1.0 1.0 1.0**

**triangle lightness *T****

**%Gamut**
**$u^*_{rel}$ = 158**
**%Regularity**
**$g^*_{H,rel}$ = 19**
**$g^*_{C,rel}$ = 37**

**TLS00a; adapted (a) CIELAB data**

| $H^*_d$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---|---|---|---|---|---|
| R00Y_100_100$_d$ | 50.4 | 76.9 | 64.5 | 100.4 | 40 |
| R25Y_100_100$_d$ | 53.7 | 67.6 | 65.8 | 94.4 | 44 |
| R50Y_100_100$_d$ | 63.6 | 41.3 | 71.0 | 82.2 | 59 |
| R75Y_100_100$_d$ | 78.2 | 7.8 | 80.6 | 81.0 | 84 |
| Y00G_100_100$_d$ | 92.6 | −20.7 | 90.7 | 93.0 | 102 |
| Y25G_100_100$_d$ | 88.7 | −43.3 | 86.2 | 96.5 | 116 |
| Y50G_100_100$_d$ | 85.7 | −65.2 | 82.4 | 105.1 | 128 |
| Y75G_100_100$_d$ | 84.0 | −78.7 | 80.4 | 112.5 | 134 |
| G00B_100_100$_d$ | 83.6 | −82.7 | 79.8 | 115.0 | 136 |
| G25B_100_100$_d$ | 84.3 | −73.7 | 44.9 | 86.4 | 148 |
| G50B_100_100$_d$ | 86.8 | −46.1 | −13.5 | 48.1 | 196 |
| G75B_100_100$_d$ | 51.7 | 18.3 | −68.3 | 70.7 | 285 |
| B00R_100_100$_d$ | 30.3 | 76.0 | −103.5 | 128.5 | 306 |
| B25R_100_100$_d$ | 38.5 | 79.8 | −89.7 | 120.0 | 311 |
| B50R_100_100$_d$ | 57.2 | 94.3 | −58.4 | 110.9 | 328 |
| B75R_100_100$_d$ | 52.0 | 81.1 | 4.1 | 81.2 | 2 |