| **Basic television colour or mixture colour for D65 CIE data for White $Y_W$=500** | **CIELAB data $L^*a^*b^*C^*_{ab}h_{ab}$ ($Y_{d,P2}$=500 for White D65)** $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ |
|---|---|---|---|---|---|
| *three additive mixture colours of ITU-R BT.709.3, sRGB, IEC 61966−2−1* | | | | | |
| $C_{P2}$ **Cyan 500** (*rgb**=0 p p) | 167,16 | −82,22 | −24,17 | 85,70 | 199 |
| $M_{P2}$ **Magenta 500** (*rgb**=p 0 p) | 114,50 | 167,96 | −104,04 | 197,58 | 324 |
| $Y_{P2}$ **Yellow 500** (*rgb**=p p 0) | 177,46 | −36,89 | 161,56 | 165,72 | 110 |
| *three additive basic colours of ITU-R BT.709.3, sRGB, IEC 61966−2−1* | | | | | |
| $R_{P2}$ **Red 500** (*rgb**=p 0 0) | 102,38 | 136,93 | 114,90 | 178,75 | 19 |
| $G_{P2}$ **Green 500** (*rgb**=0 p 0) | 161,38 | −147,38 | 142,24 | 204,82 | 144 |
| $B_{P2}$ **Blue 500** (*rgb**=0 0 p) | 66,59 | 135,41 | −184,44 | 228,81 | 290 |
| *achromatic colours with different normalization:* | | | | | |
| $W_{P2}$ **White 500**(*rgb**=p p p) **p=1,82** | 182,35 | 0,00 | 0,00 | 0,00 | 0,00 |
| $W_{D0}$ **White 100** (*rgb=rgb**=1 1 1) | 100,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| $N_{d0}$ **Black 2,5** (*rbg=rgb**=0 0 0) | 17,91 | 0,00 | 0,00 | 0,00 | 0,00 |
| $N_{p1}$ **Black 1,8** (*rgb**=q q q) **q=−0,03** | 14,40 | 0,00 | 0,00 | 0,00 | 0,00 |