## Colorimétrique "Données standard": Système lumineux de télévision TLS00 pour CIE clarté $L^*$=00 de noir et pour illuminant D65

**Système TLS00**

**Réflexion D65:**
**$Y_N$ = 0.0**
**$L^*_N$ = 0.01**

| Couleur i | $r^*_d$ | $g^*_d$ | $b^*_d$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $Y_d$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0 | 0.0 | 0.0 | 0.3127 | 0.329 | 0.0 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 6.36 | 0.0 | 0.0 | 0.01 | 0 | 0.67 | 0.7 | 0.77 | 0.3127 | 0.329 | 0.0079 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 12.72 | 0.0 | 0.0 | 0.01 | 0 | 1.44 | 1.52 | 1.65 | 0.3127 | 0.329 | 0.0171 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 19.08 | 0.0 | 0.0 | 0.01 | 0 | 2.63 | 2.77 | 3.01 | 0.3127 | 0.329 | 0.0312 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 25.44 | 0.0 | 0.0 | 0.01 | 0 | 4.33 | 4.56 | 4.96 | 0.3127 | 0.329 | 0.0515 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 31.8 | 0.0 | 0.0 | 0.01 | 0 | 6.65 | 7.0 | 7.62 | 0.3127 | 0.329 | 0.079 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 38.16 | 0.0 | 0.0 | 0.01 | 0 | 9.67 | 10.18 | 11.08 | 0.3127 | 0.329 | 0.1149 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 44.52 | 0.0 | 0.0 | 0.01 | 0 | 13.5 | 14.2 | 15.46 | 0.3127 | 0.329 | 0.1603 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 50.89 | 0.0 | 0.0 | 0.01 | 0 | 18.22 | 19.17 | 20.88 | 0.3127 | 0.329 | 0.2164 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 57.25 | 0.0 | 0.0 | 0.01 | 0 | 23.93 | 25.18 | 27.42 | 0.3127 | 0.329 | 0.2842 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 63.61 | 0.0 | 0.0 | 0.01 | 0 | 30.72 | 32.32 | 35.19 | 0.3127 | 0.329 | 0.3649 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 69.97 | 0.0 | 0.0 | 0.01 | 0 | 38.69 | 40.71 | 44.32 | 0.3127 | 0.329 | 0.4595 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 76.33 | 0.0 | 0.0 | 0.01 | 0 | 47.92 | 50.43 | 54.9 | 0.3127 | 0.329 | 0.5692 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 82.69 | 0.0 | 0.0 | 0.01 | 0 | 58.53 | 61.58 | 67.05 | 0.3127 | 0.329 | 0.6951 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.05 | 0.0 | 0.0 | 0.01 | 0 | 70.59 | 74.27 | 80.87 | 0.3127 | 0.329 | 0.8383 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2 | 88.59 | 96.46 | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0 | 0.0 | 0.0 | 0.3127 | 0.329 | 0.0 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2 | 88.59 | 96.46 | 0.3127 | 0.329 | 1.0 |

## "Données adaptées (a)" colorimétriques: Système lumineux de télévision TLS00a pour CIE clarté $L^*$=00a de noir et pour illuminant D65

**Système TLS00a**

**Réflexion D65:**
**$Y_N$ = 0.0**
**$L^*_N$ = 0.01**

| Couleur i | $r^*_d$ | $g^*_d$ | $b^*_d$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{a,d}$ | $Y_{a,d}$ | $Z_{a,d}$ | $x_{a,d}$ | $y_{a,d}$ | $Y_{a,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0 | 0.0 | 0.0 | 0.3127 | 0.329 | 0.0 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 6.36 | 0.0 | 0.0 | 0.01 | 0 | 0.67 | 0.7 | 0.77 | 0.3127 | 0.329 | 0.0079 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 12.72 | 0.0 | 0.0 | 0.01 | 0 | 1.44 | 1.52 | 1.65 | 0.3127 | 0.329 | 0.0171 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 19.08 | 0.0 | 0.0 | 0.01 | 0 | 2.63 | 2.77 | 3.01 | 0.3127 | 0.329 | 0.0312 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 25.44 | 0.0 | 0.0 | 0.01 | 0 | 4.33 | 4.56 | 4.96 | 0.3127 | 0.329 | 0.0515 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 31.8 | 0.0 | 0.0 | 0.01 | 0 | 6.65 | 7.0 | 7.62 | 0.3127 | 0.329 | 0.079 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 38.16 | 0.0 | 0.0 | 0.01 | 0 | 9.67 | 10.18 | 11.08 | 0.3127 | 0.329 | 0.1149 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 44.52 | 0.0 | 0.0 | 0.01 | 0 | 13.5 | 14.2 | 15.46 | 0.3127 | 0.329 | 0.1603 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 50.89 | 0.0 | 0.0 | 0.01 | 0 | 18.22 | 19.17 | 20.88 | 0.3127 | 0.329 | 0.2164 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 57.25 | 0.0 | 0.0 | 0.01 | 0 | 23.93 | 25.18 | 27.42 | 0.3127 | 0.329 | 0.2842 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 63.61 | 0.0 | 0.0 | 0.01 | 0 | 30.72 | 32.32 | 35.19 | 0.3127 | 0.329 | 0.3649 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 69.97 | 0.0 | 0.0 | 0.01 | 0 | 38.69 | 40.71 | 44.32 | 0.3127 | 0.329 | 0.4595 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 76.33 | 0.0 | 0.0 | 0.01 | 0 | 47.92 | 50.43 | 54.9 | 0.3127 | 0.329 | 0.5692 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 82.69 | 0.0 | 0.0 | 0.01 | 0 | 58.53 | 61.58 | 67.05 | 0.3127 | 0.329 | 0.6951 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.05 | 0.0 | 0.0 | 0.01 | 0 | 70.59 | 74.27 | 80.87 | 0.3127 | 0.329 | 0.8383 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2 | 88.59 | 96.46 | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0 | 0.0 | 0.0 | 0.3127 | 0.329 | 0.0 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2 | 88.59 | 96.46 | 0.3127 | 0.329 | 1.0 |

## "Données adaptées (b)" colorimétriques: Système lumineux de télévision TLS00b pour CIE clarté $L^*$=00b de noir et pour illuminant D65

**Système TLS00b**

**Réflexion D65:**
**$Y_N$ = 0.0**
**$L^*_N$ = 0.0**

| Couleur i | $r^*_d$ | $g^*_d$ | $b^*_d$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{b,d}$ | $Y_{b,d}$ | $Z_{b,d}$ | $x_{b,d}$ | $y_{b,d}$ | $Y_{b,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3118 | 0.3281 | 0.0 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 6.36 | 0.0 | 0.0 | 0.01 | 0 | 0.67(=0.67+0.0) | 0.7(=0.7+0.0) | 0.77(=0.77+0.0) | 0.3127 | 0.329 | 0.0079 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 12.72 | 0.0 | 0.0 | 0.01 | 0 | 1.44(=1.44+0.0) | 1.52(=1.52+0.0) | 1.65(=1.65+0.0) | 0.3127 | 0.329 | 0.0171 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 19.08 | 0.0 | 0.0 | 0.01 | 0 | 2.63(=2.63+0.0) | 2.77(=2.76+0.0) | 3.01(=3.01+0.0) | 0.3127 | 0.329 | 0.0312 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 25.44 | 0.0 | 0.0 | 0.01 | 0 | 4.33(=4.33+0.0) | 4.56(=4.56+0.0) | 4.96(=4.96+0.0) | 0.3127 | 0.329 | 0.0515 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 31.8 | 0.0 | 0.0 | 0.01 | 0 | 6.65(=6.65+0.0) | 7.0(=7.0+0.0) | 7.62(=7.62+0.0) | 0.3127 | 0.329 | 0.079 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 38.16 | 0.0 | 0.0 | 0.01 | 0 | 9.67(=9.67+0.0) | 10.18(=10.18+0.0) | 11.08(=11.08+0.0) | 0.3127 | 0.329 | 0.1149 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 44.52 | 0.0 | 0.0 | 0.01 | 0 | 13.5(=13.5+0.0) | 14.2(=14.2+0.0) | 15.46(=15.46+0.0) | 0.3127 | 0.329 | 0.1603 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 50.89 | 0.0 | 0.0 | 0.01 | 0 | 18.22(=18.22+0.0) | 19.17(=19.17+0.0) | 20.88(=20.88+0.0) | 0.3127 | 0.329 | 0.2164 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 57.25 | 0.0 | 0.0 | 0.01 | 0 | 23.93(=23.93+0.0) | 25.18(=25.18+0.0) | 27.42(=27.41+0.0) | 0.3127 | 0.329 | 0.2842 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 63.61 | 0.0 | 0.0 | 0.01 | 0 | 30.72(=30.72+0.0) | 32.32(=32.32+0.0) | 35.19(=35.19+0.0) | 0.3127 | 0.329 | 0.3649 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 69.97 | 0.0 | 0.0 | 0.01 | 0 | 38.69(=38.69+0.0) | 40.71(=40.71+0.0) | 44.32(=44.32+0.0) | 0.3127 | 0.329 | 0.4595 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 76.33 | 0.0 | 0.0 | 0.01 | 0 | 47.92(=47.92+0.0) | 50.43(=50.42+0.0) | 54.9(=54.9+0.0) | 0.3127 | 0.329 | 0.5692 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 82.69 | 0.0 | 0.0 | 0.01 | 0 | 58.53(=58.53+0.0) | 61.58(=61.58+0.0) | 67.05(=67.05+0.0) | 0.3127 | 0.329 | 0.6951 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.05 | 0.0 | 0.0 | 0.01 | 0 | 70.59(=70.59+0.0) | 74.27(=74.27+0.0) | 80.87(=80.86+0.0) | 0.3127 | 0.329 | 0.8383 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3118 | 0.3281 | 0.0 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |

## "Données adaptées (b)" colorimétriques: Système lumineux de télévision TLS00b pour CIE clarté $L^*$=00 de noir et pour illuminant D65

**Système TLS00b**

**Réflexion D65:**

**$Y_N$ = 0.0**

**$L^*_N$ = 0.0**

| Couleur i | $r^*_d$ | $g^*_d$ | $b^*_d$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{b,d}$ | $Y_{b,d}$ | $Z_{b,d}$ | $x_{b,d}$ | $y_{b,d}$ | $Y_{b,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3118 | 0.3281 | 0.0 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 6.36 | 0.0 | 0.0 | 0.01 | 0 | 0.67(=0.67+0.0) | 0.7(=0.7+0.0) | 0.77(=0.77+0.0) | 0.3127 | 0.329 | 0.0079 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 12.72 | 0.0 | 0.0 | 0.01 | 0 | 1.44(=1.44+0.0) | 1.52(=1.52+0.0) | 1.65(=1.65+0.0) | 0.3127 | 0.329 | 0.0171 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 19.08 | 0.0 | 0.0 | 0.01 | 0 | 2.63(=2.63+0.0) | 2.77(=2.76+0.0) | 3.01(=3.01+0.0) | 0.3127 | 0.329 | 0.0312 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 25.44 | 0.0 | 0.0 | 0.01 | 0 | 4.33(=4.33+0.0) | 4.56(=4.56+0.0) | 4.96(=4.96+0.0) | 0.3127 | 0.329 | 0.0515 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 31.8 | 0.0 | 0.0 | 0.01 | 0 | 6.65(=6.65+0.0) | 7.0(=7.0+0.0) | 7.62(=7.62+0.0) | 0.3127 | 0.329 | 0.079 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 38.16 | 0.0 | 0.0 | 0.01 | 0 | 9.67(=9.67+0.0) | 10.18(=10.18+0.0) | 11.08(=11.08+0.0) | 0.3127 | 0.329 | 0.1149 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 44.52 | 0.0 | 0.0 | 0.01 | 0 | 13.5(=13.5+0.0) | 14.2(=14.2+0.0) | 15.46(=15.46+0.0) | 0.3127 | 0.329 | 0.1603 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 50.89 | 0.0 | 0.0 | 0.01 | 0 | 18.22(=18.22+0.0) | 19.17(=19.17+0.0) | 20.88(=20.88+0.0) | 0.3127 | 0.329 | 0.2164 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 57.25 | 0.0 | 0.0 | 0.01 | 0 | 23.93(=23.93+0.0) | 25.18(=25.18+0.0) | 27.42(=27.41+0.0) | 0.3127 | 0.329 | 0.2842 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 63.61 | 0.0 | 0.0 | 0.01 | 0 | 30.72(=30.72+0.0) | 32.32(=32.32+0.0) | 35.19(=35.19+0.0) | 0.3127 | 0.329 | 0.3649 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 69.97 | 0.0 | 0.0 | 0.01 | 0 | 38.69(=38.69+0.0) | 40.71(=40.71+0.0) | 44.32(=44.32+0.0) | 0.3127 | 0.329 | 0.4595 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 76.33 | 0.0 | 0.0 | 0.01 | 0 | 47.92(=47.92+0.0) | 50.43(=50.42+0.0) | 54.9(=54.9+0.0) | 0.3127 | 0.329 | 0.5692 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 82.69 | 0.0 | 0.0 | 0.01 | 0 | 58.53(=58.53+0.0) | 61.58(=61.58+0.0) | 67.05(=67.05+0.0) | 0.3127 | 0.329 | 0.6951 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.05 | 0.0 | 0.0 | 0.01 | 0 | 70.59(=70.59+0.0) | 74.27(=74.27+0.0) | 80.87(=80.86+0.0) | 0.3127 | 0.329 | 0.8383 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3118 | 0.3281 | 0.0 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |

## Données colorimétrique calculées (b): Système lumineux de têlévision TLS00b pour CIE clarté $L^*$=00 de noir et pour illuminant D65

**Système TLS00b**

**Réflexion D65:**

**$Y_N$ = 0.0**

**$L^*_N$ = 0.0**

| Couleur i | $r^*_{a,d}$ | $g^*_{a,d}$ | $b^*_{a,d}$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{a,d}$ | $Y_{a,d}$ | $Z_{a,d}$ | $x_{a,d}$ | $y_{a,d}$ | $Y_{a,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3037 | 0.3195 | 0.0 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 6.36 | 0.0 | 0.0 | 0.0 | 0 | 0.67(=0.67+0.0) | 0.7(=0.7+0.0) | 0.77(=0.77+0.0) | 0.3127 | 0.329 | 0.0079 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 12.72 | 0.0 | 0.0 | 0.0 | 0 | 1.44(=1.44+0.0) | 1.52(=1.52+0.0) | 1.65(=1.65+0.0) | 0.3127 | 0.329 | 0.0171 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 19.08 | 0.0 | 0.0 | 0.0 | 0 | 2.63(=2.63+0.0) | 2.77(=2.77+0.0) | 3.01(=3.01+0.0) | 0.3127 | 0.329 | 0.0312 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 25.44 | 0.0 | 0.0 | 0.0 | 357 | 4.33(=4.33+0.0) | 4.56(=4.56+0.0) | 4.96(=4.96+0.0) | 0.3127 | 0.329 | 0.0515 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 31.8 | 0.0 | 0.0 | 0.0 | 0 | 6.65(=6.65+0.0) | 7.0(=7.0+0.0) | 7.62(=7.62+0.0) | 0.3127 | 0.329 | 0.079 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 38.16 | 0.0 | 0.0 | 0.0 | 0 | 9.67(=9.67+0.0) | 10.18(=10.18+0.0) | 11.08(=11.08+0.0) | 0.3127 | 0.329 | 0.1149 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 44.52 | 0.0 | 0.0 | 0.0 | 0 | 13.5(=13.5+0.0) | 14.2(=14.2+0.0) | 15.46(=15.46+0.0) | 0.3127 | 0.329 | 0.1603 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 50.89 | 0.0 | 0.0 | 0.0 | 0 | 18.22(=18.22+0.0) | 19.17(=19.17+0.0) | 20.88(=20.88+0.0) | 0.3127 | 0.329 | 0.2164 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 57.25 | 0.0 | 0.0 | 0.0 | 0 | 23.93(=23.93+0.0) | 25.18(=25.18+0.0) | 27.42(=27.42+0.0) | 0.3127 | 0.329 | 0.2842 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 63.61 | 0.0 | 0.0 | 0.0 | 0 | 30.72(=30.72+0.0) | 32.32(=32.32+0.0) | 35.19(=35.19+0.0) | 0.3127 | 0.329 | 0.3649 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 69.97 | 0.0 | 0.0 | 0.0 | 0 | 38.69(=38.69+0.0) | 40.71(=40.71+0.0) | 44.32(=44.32+0.0) | 0.3127 | 0.329 | 0.4595 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 76.33 | 0.0 | 0.0 | 0.0 | 0 | 47.92(=47.92+0.0) | 50.43(=50.43+0.0) | 54.9(=54.9+0.0) | 0.3127 | 0.329 | 0.5692 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 82.69 | 0.0 | 0.0 | 0.0 | 0 | 58.53(=58.53+0.0) | 61.58(=61.58+0.0) | 67.05(=67.05+0.0) | 0.3127 | 0.329 | 0.6951 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.05 | 0.0 | 0.0 | 0.0 | 0 | 70.59(=70.59+0.0) | 74.27(=74.27+0.0) | 80.87(=80.87+0.0) | 0.3127 | 0.329 | 0.8383 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3037 | 0.3195 | 0.0 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |

## Données colorimétrique calculées (b): Système lumineux de têlévision TLS06b pour CIE clarté $L^*$=06 de noir et pour illuminant D65

**Système TLS06b**

**Réflexion D65:**

**$Y_N$ = 0.63**

**$L^*_N$ = 5.69**

| Couleur i | $r^*_{a,d}$ | $g^*_{a,d}$ | $b^*_{a,d}$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{a,d}$ | $Y_{a,d}$ | $Z_{a,d}$ | $x_{a,d}$ | $y_{a,d}$ | $Y_{a,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 5.7 | 0.0 | 0.0 | 0.0 | 0 | 0.6(=0.0+0.6) | 0.63(=0.0+0.63) | 0.69(=0.0+0.69) | 0.3127 | 0.329 | 0.0071 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 11.48 | 0.0 | 0.0 | 0.0 | 0 | 1.26(=0.66+0.6) | 1.33(=0.7+0.63) | 1.45(=0.76+0.69) | 0.3127 | 0.329 | 0.015 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 16.19 | 0.0 | 0.0 | 0.0 | 0 | 2.03(=1.43+0.6) | 2.14(=1.51+0.63) | 2.33(=1.64+0.69) | 0.3127 | 0.329 | 0.0241 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 21.49 | 0.0 | 0.0 | 0.0 | 4 | 3.21(=2.61+0.6) | 3.38(=2.75+0.63) | 3.68(=2.99+0.69) | 0.3127 | 0.329 | 0.0381 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 27.18 | 0.0 | 0.0 | 0.0 | 0 | 4.9(=4.3+0.6) | 5.16(=4.53+0.63) | 5.61(=4.93+0.69) | 0.3127 | 0.329 | 0.0582 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 33.09 | 0.0 | 0.0 | 0.0 | 4 | 7.2(=6.6+0.6) | 7.58(=6.95+0.63) | 8.25(=7.56+0.69) | 0.3127 | 0.329 | 0.0855 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 39.13 | 0.0 | 0.0 | 0.0 | 4 | 10.2(=9.6+0.6) | 10.74(=10.11+0.63) | 11.69(=11.0+0.69) | 0.3127 | 0.329 | 0.1212 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 45.26 | 0.0 | 0.0 | 0.0 | 0 | 14.0(=13.4+0.6) | 14.73(=14.1+0.63) | 16.04(=15.35+0.69) | 0.3127 | 0.329 | 0.1663 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 51.46 | 0.0 | 0.0 | 0.0 | 0 | 18.69(=18.09+0.6) | 19.67(=19.04+0.63) | 21.41(=20.73+0.69) | 0.3127 | 0.329 | 0.222 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 57.68 | 0.0 | 0.0 | 0.0 | 0 | 24.36(=23.76+0.6) | 25.63(=25.0+0.63) | 27.91(=27.22+0.69) | 0.3127 | 0.329 | 0.2893 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 63.94 | 0.0 | 0.0 | 0.0 | 0 | 31.1(=30.5+0.6) | 32.72(=32.09+0.63) | 35.63(=34.94+0.69) | 0.3127 | 0.329 | 0.3694 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 70.21 | 0.0 | 0.0 | 0.0 | 10 | 39.01(=38.41+0.6) | 41.05(=40.42+0.63) | 44.69(=44.01+0.69) | 0.3127 | 0.329 | 0.4633 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 76.5 | 0.0 | 0.0 | 0.0 | 10 | 48.18(=47.58+0.6) | 50.7(=50.07+0.63) | 55.2(=54.51+0.69) | 0.3127 | 0.329 | 0.5723 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 82.79 | 0.0 | 0.0 | 0.0 | 0 | 58.71(=58.11+0.6) | 61.77(=61.14+0.63) | 67.26(=66.57+0.69) | 0.3127 | 0.329 | 0.6973 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.1 | 0.0 | 0.0 | 0.0 | 0 | 70.68(=70.08+0.6) | 74.37(=73.74+0.63) | 80.98(=80.29+0.69) | 0.3127 | 0.329 | 0.8395 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=83.6+0.6) | 88.59(=87.96+0.63) | 96.46(=95.77+0.69) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 5.7 | 0.0 | 0.0 | 0.0 | 0 | 0.6(=0.0+0.6) | 0.63(=0.0+0.63) | 0.69(=0.0+0.69) | 0.3127 | 0.329 | 0.0071 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=83.6+0.6) | 88.59(=87.96+0.63) | 96.46(=95.77+0.69) | 0.3127 | 0.329 | 1.0 |

## "Données adaptées (b)" colorimétriques: Système lumineux de télévision TLS00b pour CIE clarté $L^*$=00 de noir et pour illuminant D65

**Système TLS00b**

**Réflexion D65:**
**$Y_N$ = 0.0**
**$L^*_N$ = 0.0**

| Couleur i | $r^*_d$ | $g^*_d$ | $b^*_d$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{b,d}$ | $Y_{b,d}$ | $Z_{b,d}$ | $x_{b,d}$ | $y_{b,d}$ | $Y_{b,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3118 | 0.3281 | 0.0 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 6.36 | 0.0 | 0.0 | 0.01 | 0 | 0.67(=0.67+0.0) | 0.7(=0.7+0.0) | 0.77(=0.77+0.0) | 0.3127 | 0.329 | 0.0079 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 12.72 | 0.0 | 0.0 | 0.01 | 0 | 1.44(=1.44+0.0) | 1.52(=1.52+0.0) | 1.65(=1.65+0.0) | 0.3127 | 0.329 | 0.0171 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 19.08 | 0.0 | 0.0 | 0.01 | 0 | 2.63(=2.63+0.0) | 2.77(=2.76+0.0) | 3.01(=3.01+0.0) | 0.3127 | 0.329 | 0.0312 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 25.44 | 0.0 | 0.0 | 0.01 | 0 | 4.33(=4.33+0.0) | 4.56(=4.56+0.0) | 4.96(=4.96+0.0) | 0.3127 | 0.329 | 0.0515 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 31.8 | 0.0 | 0.0 | 0.01 | 0 | 6.65(=6.65+0.0) | 7.0(=7.0+0.0) | 7.62(=7.62+0.0) | 0.3127 | 0.329 | 0.079 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 38.16 | 0.0 | 0.0 | 0.01 | 0 | 9.67(=9.67+0.0) | 10.18(=10.18+0.0) | 11.08(=11.08+0.0) | 0.3127 | 0.329 | 0.1149 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 44.52 | 0.0 | 0.0 | 0.01 | 0 | 13.5(=13.5+0.0) | 14.2(=14.2+0.0) | 15.46(=15.46+0.0) | 0.3127 | 0.329 | 0.1603 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 50.89 | 0.0 | 0.0 | 0.01 | 0 | 18.22(=18.22+0.0) | 19.17(=19.17+0.0) | 20.88(=20.88+0.0) | 0.3127 | 0.329 | 0.2164 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 57.25 | 0.0 | 0.0 | 0.01 | 0 | 23.93(=23.93+0.0) | 25.18(=25.18+0.0) | 27.42(=27.41+0.0) | 0.3127 | 0.329 | 0.2842 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 63.61 | 0.0 | 0.0 | 0.01 | 0 | 30.72(=30.72+0.0) | 32.32(=32.32+0.0) | 35.19(=35.19+0.0) | 0.3127 | 0.329 | 0.3649 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 69.97 | 0.0 | 0.0 | 0.01 | 0 | 38.69(=38.69+0.0) | 40.71(=40.71+0.0) | 44.32(=44.32+0.0) | 0.3127 | 0.329 | 0.4595 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 76.33 | 0.0 | 0.0 | 0.01 | 0 | 47.92(=47.92+0.0) | 50.43(=50.42+0.0) | 54.9(=54.9+0.0) | 0.3127 | 0.329 | 0.5692 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 82.69 | 0.0 | 0.0 | 0.01 | 0 | 58.53(=58.53+0.0) | 61.58(=61.58+0.0) | 67.05(=67.05+0.0) | 0.3127 | 0.329 | 0.6951 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.05 | 0.0 | 0.0 | 0.01 | 0 | 70.59(=70.59+0.0) | 74.27(=74.27+0.0) | 80.87(=80.86+0.0) | 0.3127 | 0.329 | 0.8383 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3118 | 0.3281 | 0.0 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |

## Données colorimétrique calculées (b): Système lumineux de têlévision TLS11b pour CIE clarté $L^*$=11 de noir et pour illuminant D65

**Système TLS11b**

**Réflexion D65:**
**$Y_N$ = 1.26**
**$L^*_N$ = 11.0**

| Couleur i | $r^*_{a,d}$ | $g^*_{a,d}$ | $b^*_{a,d}$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{a,d}$ | $Y_{a,d}$ | $Z_{a,d}$ | $x_{a,d}$ | $y_{a,d}$ | $Y_{a,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 11.0 | 0.0 | 0.0 | 0.0 | 0 | 1.2(=0.0+1.2) | 1.26(=0.0+1.26) | 1.37(=0.0+1.37) | 0.3127 | 0.329 | 0.0142 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 15.24 | 0.0 | 0.0 | 0.0 | 0 | 1.86(=0.66+1.2) | 1.95(=0.69+1.26) | 2.13(=0.76+1.37) | 0.3127 | 0.329 | 0.0221 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 19.04 | 0.0 | 0.0 | 0.0 | 0 | 2.62(=1.42+1.2) | 2.76(=1.5+1.26) | 3.0(=1.63+1.37) | 0.3127 | 0.329 | 0.0311 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 23.63 | 0.0 | 0.0 | 0.0 | 0 | 3.79(=2.59+1.2) | 3.99(=2.73+1.26) | 4.34(=2.97+1.37) | 0.3127 | 0.329 | 0.045 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 28.78 | 0.0 | 0.0 | 0.0 | 0 | 5.47(=4.27+1.2) | 5.75(=4.49+1.26) | 6.27(=4.89+1.37) | 0.3127 | 0.329 | 0.065 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 34.31 | 0.0 | 0.0 | 0.0 | 0 | 7.75(=6.56+1.2) | 8.16(=6.9+1.26) | 8.88(=7.51+1.37) | 0.3127 | 0.329 | 0.0921 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 40.07 | 0.0 | 0.0 | 0.0 | 0 | 10.73(=9.54+1.2) | 11.29(=10.03+1.26) | 12.3(=10.92+1.37) | 0.3127 | 0.329 | 0.1275 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 45.99 | 0.0 | 0.0 | 0.0 | 0 | 14.5(=13.3+1.2) | 15.26(=14.0+1.26) | 16.61(=15.24+1.37) | 0.3127 | 0.329 | 0.1722 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 52.02 | 0.0 | 0.0 | 0.0 | 0 | 19.16(=17.96+1.2) | 20.16(=18.9+1.26) | 21.95(=20.58+1.37) | 0.3127 | 0.329 | 0.2276 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 58.11 | 0.0 | 0.0 | 0.0 | 0 | 24.79(=23.59+1.2) | 26.08(=24.82+1.26) | 28.4(=27.03+1.37) | 0.3127 | 0.329 | 0.2944 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 64.26 | 0.0 | 0.0 | 0.0 | 0 | 31.48(=30.28+1.2) | 33.12(=31.86+1.26) | 36.07(=34.69+1.37) | 0.3127 | 0.329 | 0.3739 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 70.45 | 0.0 | 0.0 | 0.0 | 0 | 39.34(=38.14+1.2) | 41.39(=40.13+1.26) | 45.06(=43.69+1.37) | 0.3127 | 0.329 | 0.4672 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 76.66 | 0.0 | 0.0 | 0.0 | 0 | 48.44(=47.24+1.2) | 50.97(=49.71+1.26) | 55.49(=54.12+1.37) | 0.3127 | 0.329 | 0.5753 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 82.89 | 0.0 | 0.0 | 0.0 | 355 | 58.89(=57.69+1.2) | 61.97(=60.71+1.26) | 67.47(=66.1+1.37) | 0.3127 | 0.329 | 0.6994 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.15 | 0.0 | 0.0 | 0.0 | 0 | 70.78(=69.58+1.2) | 74.47(=73.21+1.26) | 81.09(=79.72+1.37) | 0.3127 | 0.329 | 0.8406 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=83.0+1.2) | 88.59(=87.33+1.26) | 96.46(=95.09+1.37) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 11.0 | 0.0 | 0.0 | 0.0 | 0 | 1.2(=0.0+1.2) | 1.26(=0.0+1.26) | 1.37(=0.0+1.37) | 0.3127 | 0.329 | 0.0142 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=83.0+1.2) | 88.59(=87.33+1.26) | 96.46(=95.09+1.37) | 0.3127 | 0.329 | 1.0 |

## Données colorimétrique calculées (b): Système lumineux de têlévision TLS18b pour CIE clarté $L^*$=18 de noir et pour illuminant D65

**Système TLS18b**

**Réflexion D65:**
**$Y_N$ = 2.52**
**$L^*_N$ = 18.01**

| Couleur i | $r^*_{a,d}$ | $g^*_{a,d}$ | $b^*_{a,d}$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{a,d}$ | $Y_{a,d}$ | $Z_{a,d}$ | $x_{a,d}$ | $y_{a,d}$ | $Y_{a,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 18.01 | 0.0 | 0.0 | 0.0 | 0 | 2.4(=0.0+2.4) | 2.52(=0.0+2.52) | 2.74(=0.0+2.74) | 0.3127 | 0.329 | 0.0285 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 20.84 | 0.0 | 0.0 | 0.0 | 0 | 3.05(=0.65+2.4) | 3.2(=0.68+2.52) | 3.49(=0.74+2.74) | 0.3127 | 0.329 | 0.0362 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 23.65 | 0.0 | 0.0 | 0.0 | 0 | 3.8(=1.4+2.4) | 3.99(=1.47+2.52) | 4.35(=1.61+2.74) | 0.3127 | 0.329 | 0.0451 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 27.32 | 0.0 | 0.0 | 0.0 | 0 | 4.95(=2.55+2.4) | 5.21(=2.69+2.52) | 5.67(=2.93+2.74) | 0.3127 | 0.329 | 0.0588 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 31.69 | 0.0 | 0.0 | 0.0 | 3 | 6.6(=4.21+2.4) | 6.95(=4.43+2.52) | 7.57(=4.82+2.74) | 0.3127 | 0.329 | 0.0784 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 36.59 | 0.0 | 0.0 | 0.0 | 0 | 8.86(=6.46+2.4) | 9.32(=6.8+2.52) | 10.15(=7.4+2.74) | 0.3127 | 0.329 | 0.1052 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 41.86 | 0.0 | 0.0 | 0.0 | 0 | 11.79(=9.4+2.4) | 12.41(=9.89+2.52) | 13.51(=10.77+2.74) | 0.3127 | 0.329 | 0.1401 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 47.39 | 0.0 | 0.0 | 0.0 | 353 | 15.51(=13.11+2.4) | 16.32(=13.8+2.52) | 17.77(=15.02+2.74) | 0.3127 | 0.329 | 0.1842 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 53.11 | 0.0 | 0.0 | 0.0 | 0 | 20.1(=17.7+2.4) | 21.15(=18.63+2.52) | 23.03(=20.28+2.74) | 0.3127 | 0.329 | 0.2387 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 58.96 | 0.0 | 0.0 | 0.0 | 0 | 25.65(=23.25+2.4) | 26.98(=24.46+2.52) | 29.38(=26.64+2.74) | 0.3127 | 0.329 | 0.3046 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 64.9 | 0.0 | 0.0 | 0.0 | 0 | 32.24(=29.85+2.4) | 33.92(=31.4+2.52) | 36.94(=34.19+2.74) | 0.3127 | 0.329 | 0.3829 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 70.92 | 0.0 | 0.0 | 0.0 | 0 | 39.98(=37.59+2.4) | 42.07(=39.55+2.52) | 45.8(=43.06+2.74) | 0.3127 | 0.329 | 0.4749 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 76.99 | 0.0 | 0.0 | 0.0 | 0 | 48.96(=46.56+2.4) | 51.51(=48.99+2.52) | 56.09(=53.34+2.74) | 0.3127 | 0.329 | 0.5814 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 83.1 | 0.0 | 0.0 | 0.0 | 0 | 59.26(=56.86+2.4) | 62.35(=59.83+2.52) | 67.89(=65.14+2.74) | 0.3127 | 0.329 | 0.7038 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.24 | 0.0 | 0.0 | 0.0 | 0 | 70.97(=68.58+2.4) | 74.68(=72.16+2.52) | 81.31(=78.57+2.74) | 0.3127 | 0.329 | 0.8429 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=81.8+2.4) | 88.59(=86.07+2.52) | 96.46(=93.72+2.74) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 18.01 | 0.0 | 0.0 | 0.0 | 0 | 2.4(=0.0+2.4) | 2.52(=0.0+2.52) | 2.74(=0.0+2.74) | 0.3127 | 0.329 | 0.0285 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=81.8+2.4) | 88.59(=86.07+2.52) | 96.46(=93.72+2.74) | 0.3127 | 0.329 | 1.0 |

## "Données adaptées (b)" colorimétriques: Système lumineux de télévision TLS00b pour CIE clarté $L^*$=00 de noir et pour illuminant D65

**Système TLS00b**

**Réflexion D65:**
**$Y_N$ = 0.0**
**$L^*_N$ = 0.0**

| Couleur i | $r^*_d$ | $g^*_d$ | $b^*_d$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{b,d}$ | $Y_{b,d}$ | $Z_{b,d}$ | $x_{b,d}$ | $y_{b,d}$ | $Y_{b,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3118 | 0.3281 | 0.0 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 6.36 | 0.0 | 0.0 | 0.01 | 0 | 0.67(=0.67+0.0) | 0.7(=0.7+0.0) | 0.77(=0.77+0.0) | 0.3127 | 0.329 | 0.0079 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 12.72 | 0.0 | 0.0 | 0.01 | 0 | 1.44(=1.44+0.0) | 1.52(=1.52+0.0) | 1.65(=1.65+0.0) | 0.3127 | 0.329 | 0.0171 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 19.08 | 0.0 | 0.0 | 0.01 | 0 | 2.63(=2.63+0.0) | 2.77(=2.76+0.0) | 3.01(=3.01+0.0) | 0.3127 | 0.329 | 0.0312 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 25.44 | 0.0 | 0.0 | 0.01 | 0 | 4.33(=4.33+0.0) | 4.56(=4.56+0.0) | 4.96(=4.96+0.0) | 0.3127 | 0.329 | 0.0515 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 31.8 | 0.0 | 0.0 | 0.01 | 0 | 6.65(=6.65+0.0) | 7.0(=7.0+0.0) | 7.62(=7.62+0.0) | 0.3127 | 0.329 | 0.079 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 38.16 | 0.0 | 0.0 | 0.01 | 0 | 9.67(=9.67+0.0) | 10.18(=10.18+0.0) | 11.08(=11.08+0.0) | 0.3127 | 0.329 | 0.1149 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 44.52 | 0.0 | 0.0 | 0.01 | 0 | 13.5(=13.5+0.0) | 14.2(=14.2+0.0) | 15.46(=15.46+0.0) | 0.3127 | 0.329 | 0.1603 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 50.89 | 0.0 | 0.0 | 0.01 | 0 | 18.22(=18.22+0.0) | 19.17(=19.17+0.0) | 20.88(=20.88+0.0) | 0.3127 | 0.329 | 0.2164 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 57.25 | 0.0 | 0.0 | 0.01 | 0 | 23.93(=23.93+0.0) | 25.18(=25.18+0.0) | 27.42(=27.41+0.0) | 0.3127 | 0.329 | 0.2842 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 63.61 | 0.0 | 0.0 | 0.01 | 0 | 30.72(=30.72+0.0) | 32.32(=32.32+0.0) | 35.19(=35.19+0.0) | 0.3127 | 0.329 | 0.3649 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 69.97 | 0.0 | 0.0 | 0.01 | 0 | 38.69(=38.69+0.0) | 40.71(=40.71+0.0) | 44.32(=44.32+0.0) | 0.3127 | 0.329 | 0.4595 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 76.33 | 0.0 | 0.0 | 0.01 | 0 | 47.92(=47.92+0.0) | 50.43(=50.42+0.0) | 54.9(=54.9+0.0) | 0.3127 | 0.329 | 0.5692 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 82.69 | 0.0 | 0.0 | 0.01 | 0 | 58.53(=58.53+0.0) | 61.58(=61.58+0.0) | 67.05(=67.05+0.0) | 0.3127 | 0.329 | 0.6951 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.05 | 0.0 | 0.0 | 0.01 | 0 | 70.59(=70.59+0.0) | 74.27(=74.27+0.0) | 80.87(=80.86+0.0) | 0.3127 | 0.329 | 0.8383 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3118 | 0.3281 | 0.0 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |

## Données colorimétrique calculées (b): Système lumineux de têlévision TLS27b pour CIE clarté $L^*$=27 de noir et pour illuminant D65

**Système TLS27b**

**Réflexion D65:**
**$Y_N$ = 5.04**
**$L^*_N$ = 26.85**

| Couleur i | $r^*_{a,d}$ | $g^*_{a,d}$ | $b^*_{a,d}$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{a,d}$ | $Y_{a,d}$ | $Z_{a,d}$ | $x_{a,d}$ | $y_{a,d}$ | $Y_{a,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 26.85 | 0.0 | 0.0 | 0.0 | 0 | 4.79(=0.0+4.79) | 5.04(=0.0+5.04) | 5.49(=0.0+5.49) | 0.3127 | 0.329 | 0.0569 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 28.65 | 0.0 | 0.0 | 0.0 | 0 | 5.42(=0.63+4.79) | 5.7(=0.66+5.04) | 6.21(=0.72+5.49) | 0.3127 | 0.329 | 0.0644 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 30.57 | 0.0 | 0.0 | 0.0 | 0 | 6.15(=1.36+4.79) | 6.47(=1.43+5.04) | 7.05(=1.56+5.49) | 0.3127 | 0.329 | 0.073 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 33.24 | 0.0 | 0.0 | 0.0 | 0 | 7.27(=2.48+4.79) | 7.65(=2.61+5.04) | 8.33(=2.84+5.49) | 0.3127 | 0.329 | 0.0863 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 36.63 | 0.0 | 0.0 | 0.0 | 357 | 8.88(=4.09+4.79) | 9.34(=4.3+5.04) | 10.17(=4.68+5.49) | 0.3127 | 0.329 | 0.1054 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 40.64 | 0.0 | 0.0 | 0.0 | 3 | 11.06(=6.27+4.79) | 11.64(=6.6+5.04) | 12.67(=7.18+5.49) | 0.3127 | 0.329 | 0.1314 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 45.14 | 0.0 | 0.0 | 0.0 | 0 | 13.91(=9.12+4.79) | 14.64(=9.6+5.04) | 15.94(=10.45+5.49) | 0.3127 | 0.329 | 0.1652 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 50.02 | 0.0 | 0.0 | 0.0 | 355 | 17.52(=12.73+4.79) | 18.43(=13.39+5.04) | 20.07(=14.58+5.49) | 0.3127 | 0.329 | 0.2081 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 55.2 | 0.0 | 0.0 | 0.0 | 0 | 21.98(=17.19+4.79) | 23.12(=18.08+5.04) | 25.18(=19.69+5.49) | 0.3127 | 0.329 | 0.261 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 60.59 | 0.0 | 0.0 | 0.0 | 0 | 27.36(=22.57+4.79) | 28.79(=23.75+5.04) | 31.34(=25.86+5.49) | 0.3127 | 0.329 | 0.3249 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 66.16 | 0.0 | 0.0 | 0.0 | 0 | 33.76(=28.97+4.79) | 35.53(=30.49+5.04) | 38.68(=33.19+5.49) | 0.3127 | 0.329 | 0.401 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 71.85 | 0.0 | 0.0 | 0.0 | 10 | 41.28(=36.49+4.79) | 43.43(=38.39+5.04) | 47.29(=41.8+5.49) | 0.3127 | 0.329 | 0.4902 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 77.64 | 0.0 | 0.0 | 0.0 | 0 | 49.99(=45.2+4.79) | 52.6(=47.56+5.04) | 57.27(=51.78+5.49) | 0.3127 | 0.329 | 0.5937 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 83.5 | 0.0 | 0.0 | 0.0 | 0 | 59.99(=55.2+4.79) | 63.12(=58.08+5.04) | 68.72(=63.23+5.49) | 0.3127 | 0.329 | 0.7124 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.43 | 0.0 | 0.0 | 0.0 | 7 | 71.36(=66.57+4.79) | 75.08(=70.04+5.04) | 81.75(=76.26+5.49) | 0.3127 | 0.329 | 0.8475 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=79.41+4.79) | 88.59(=83.55+5.04) | 96.46(=90.97+5.49) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 26.85 | 0.0 | 0.0 | 0.0 | 0 | 4.79(=0.0+4.79) | 5.04(=0.0+5.04) | 5.49(=0.0+5.49) | 0.3127 | 0.329 | 0.0569 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=79.41+4.79) | 88.59(=83.55+5.04) | 96.46(=90.97+5.49) | 0.3127 | 0.329 | 1.0 |

## Données colorimétrique calculées (b): Système lumineux de têlévision TLS38b pour CIE clarté $L^*$=38 de noir et pour illuminant D65

**Système TLS38b**

**Réflexion D65:**
**$Y_N$ = 10.08**
**$L^*_N$ = 37.99**

| Couleur i | $r^*_{a,d}$ | $g^*_{a,d}$ | $b^*_{a,d}$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{a,d}$ | $Y_{a,d}$ | $Z_{a,d}$ | $x_{a,d}$ | $y_{a,d}$ | $Y_{a,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 37.99 | 0.0 | 0.0 | 0.0 | 0 | 9.58(=0.0+9.58) | 10.08(=0.0+10.08) | 10.98(=0.0+10.98) | 0.3127 | 0.329 | 0.1138 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 39.08 | 0.0 | 0.0 | 0.0 | 3 | 10.17(=0.59+9.58) | 10.7(=0.62+10.08) | 11.65(=0.68+10.98) | 0.3127 | 0.329 | 0.1208 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 40.29 | 0.0 | 0.0 | 0.0 | 0 | 10.86(=1.28+9.58) | 11.42(=1.34+10.08) | 12.44(=1.46+10.98) | 0.3127 | 0.329 | 0.129 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 42.05 | 0.0 | 0.0 | 0.0 | 0 | 11.91(=2.33+9.58) | 12.53(=2.45+10.08) | 13.64(=2.67+10.98) | 0.3127 | 0.329 | 0.1414 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 44.41 | 0.0 | 0.0 | 0.0 | 0 | 13.42(=3.84+9.58) | 14.12(=4.04+10.08) | 15.37(=4.4+10.98) | 0.3127 | 0.329 | 0.1594 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 47.34 | 0.0 | 0.0 | 0.0 | 0 | 15.47(=5.89+9.58) | 16.28(=6.2+10.08) | 17.73(=6.75+10.98) | 0.3127 | 0.329 | 0.1838 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 50.8 | 0.0 | 0.0 | 0.0 | 0 | 18.15(=8.57+9.58) | 19.1(=9.02+10.08) | 20.8(=9.82+10.98) | 0.3127 | 0.329 | 0.2156 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 54.73 | 0.0 | 0.0 | 0.0 | 353 | 21.54(=11.96+9.58) | 22.67(=12.59+10.08) | 24.68(=13.7+10.98) | 0.3127 | 0.329 | 0.2558 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 59.04 | 0.0 | 0.0 | 0.0 | 0 | 25.73(=16.15+9.58) | 27.07(=16.99+10.08) | 29.48(=18.5+10.98) | 0.3127 | 0.329 | 0.3056 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 63.67 | 0.0 | 0.0 | 0.0 | 355 | 30.79(=21.21+9.58) | 32.39(=22.31+10.08) | 35.27(=24.3+10.98) | 0.3127 | 0.329 | 0.3657 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 68.55 | 0.0 | 0.0 | 0.0 | 0 | 36.81(=27.23+9.58) | 38.73(=28.65+10.08) | 42.17(=31.19+10.98) | 0.3127 | 0.329 | 0.4371 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 73.65 | 0.0 | 0.0 | 0.0 | 0 | 43.87(=34.29+9.58) | 46.16(=36.08+10.08) | 50.25(=39.28+10.98) | 0.3127 | 0.329 | 0.521 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 78.91 | 0.0 | 0.0 | 0.0 | 353 | 52.05(=42.47+9.58) | 54.77(=44.69+10.08) | 59.63(=48.66+10.98) | 0.3127 | 0.329 | 0.6182 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 84.31 | 0.0 | 0.0 | 0.0 | 355 | 61.45(=51.87+9.58) | 64.65(=54.57+10.08) | 70.4(=59.42+10.98) | 0.3127 | 0.329 | 0.7298 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.81 | 0.0 | 0.0 | 0.0 | 0 | 72.14(=62.56+9.58) | 75.9(=65.82+10.08) | 82.64(=71.66+10.98) | 0.3127 | 0.329 | 0.8567 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=74.62+9.58) | 88.59(=78.51+10.08) | 96.46(=85.48+10.98) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 37.99 | 0.0 | 0.0 | 0.0 | 0 | 9.58(=0.0+9.58) | 10.08(=0.0+10.08) | 10.98(=0.0+10.98) | 0.3127 | 0.329 | 0.1138 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=74.62+9.58) | 88.59(=78.51+10.08) | 96.46(=85.48+10.98) | 0.3127 | 0.329 | 1.0 |

## "Données adaptées (b)" colorimétriques: Système lumineux de télévision TLS00b pour CIE clarté $L^*$=00 de noir et pour illuminant D65

**Système TLS00b**

**Réflexion D65:**
**$Y_N$ = 0.0**
**$L^*_N$ = 0.0**

| Couleur i | $r^*_d$ | $g^*_d$ | $b^*_d$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{b,d}$ | $Y_{b,d}$ | $Z_{b,d}$ | $x_{b,d}$ | $y_{b,d}$ | $Y_{b,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3118 | 0.3281 | 0.0 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 6.36 | 0.0 | 0.0 | 0.01 | 0 | 0.67(=0.67+0.0) | 0.7(=0.7+0.0) | 0.77(=0.77+0.0) | 0.3127 | 0.329 | 0.0079 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 12.72 | 0.0 | 0.0 | 0.01 | 0 | 1.44(=1.44+0.0) | 1.52(=1.52+0.0) | 1.65(=1.65+0.0) | 0.3127 | 0.329 | 0.0171 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 19.08 | 0.0 | 0.0 | 0.01 | 0 | 2.63(=2.63+0.0) | 2.77(=2.76+0.0) | 3.01(=3.01+0.0) | 0.3127 | 0.329 | 0.0312 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 25.44 | 0.0 | 0.0 | 0.01 | 0 | 4.33(=4.33+0.0) | 4.56(=4.56+0.0) | 4.96(=4.96+0.0) | 0.3127 | 0.329 | 0.0515 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 31.8 | 0.0 | 0.0 | 0.01 | 0 | 6.65(=6.65+0.0) | 7.0(=7.0+0.0) | 7.62(=7.62+0.0) | 0.3127 | 0.329 | 0.079 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 38.16 | 0.0 | 0.0 | 0.01 | 0 | 9.67(=9.67+0.0) | 10.18(=10.18+0.0) | 11.08(=11.08+0.0) | 0.3127 | 0.329 | 0.1149 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 44.52 | 0.0 | 0.0 | 0.01 | 0 | 13.5(=13.5+0.0) | 14.2(=14.2+0.0) | 15.46(=15.46+0.0) | 0.3127 | 0.329 | 0.1603 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 50.89 | 0.0 | 0.0 | 0.01 | 0 | 18.22(=18.22+0.0) | 19.17(=19.17+0.0) | 20.88(=20.88+0.0) | 0.3127 | 0.329 | 0.2164 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 57.25 | 0.0 | 0.0 | 0.01 | 0 | 23.93(=23.93+0.0) | 25.18(=25.18+0.0) | 27.42(=27.41+0.0) | 0.3127 | 0.329 | 0.2842 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 63.61 | 0.0 | 0.0 | 0.01 | 0 | 30.72(=30.72+0.0) | 32.32(=32.32+0.0) | 35.19(=35.19+0.0) | 0.3127 | 0.329 | 0.3649 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 69.97 | 0.0 | 0.0 | 0.01 | 0 | 38.69(=38.69+0.0) | 40.71(=40.71+0.0) | 44.32(=44.32+0.0) | 0.3127 | 0.329 | 0.4595 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 76.33 | 0.0 | 0.0 | 0.01 | 0 | 47.92(=47.92+0.0) | 50.43(=50.42+0.0) | 54.9(=54.9+0.0) | 0.3127 | 0.329 | 0.5692 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 82.69 | 0.0 | 0.0 | 0.01 | 0 | 58.53(=58.53+0.0) | 61.58(=61.58+0.0) | 67.05(=67.05+0.0) | 0.3127 | 0.329 | 0.6951 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 89.05 | 0.0 | 0.0 | 0.01 | 0 | 70.59(=70.59+0.0) | 74.27(=74.27+0.0) | 80.87(=80.86+0.0) | 0.3127 | 0.329 | 0.8383 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 0.01 | 0 | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.0(=0.0+0.0) | 0.3118 | 0.3281 | 0.0 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.01 | 0 | 84.2(=84.2+0.0) | 88.59(=88.59+0.0) | 96.46(=96.46+0.0) | 0.3127 | 0.329 | 1.0 |

## Données colorimétrique calculées (b): Système lumineux de têlévision TLS52b pour CIE clarté $L^*$=52 de noir et pour illuminant D65

**Système TLS52b**

**Réflexion D65:**
**$Y_N$ = 20.16**
**$L^*_N$ = 52.02**

| Couleur i | $r^*_{a,d}$ | $g^*_{a,d}$ | $b^*_{a,d}$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{a,d}$ | $Y_{a,d}$ | $Z_{a,d}$ | $x_{a,d}$ | $y_{a,d}$ | $Y_{a,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 52.02 | 0.0 | 0.0 | 0.0 | 0 | 19.16(=0.0+19.16) | 20.16(=0.0+20.16) | 21.95(=0.0+21.95) | 0.3127 | 0.329 | 0.2276 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 52.62 | 0.0 | 0.0 | 0.0 | 0 | 19.68(=0.52+19.16) | 20.7(=0.54+20.16) | 22.54(=0.59+21.95) | 0.3127 | 0.329 | 0.2337 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 53.31 | 0.0 | 0.0 | 0.0 | 0 | 20.27(=1.11+19.16) | 21.33(=1.17+20.16) | 23.23(=1.28+21.95) | 0.3127 | 0.329 | 0.2408 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 54.34 | 0.0 | 0.0 | 0.0 | 0 | 21.19(=2.03+19.16) | 22.3(=2.14+20.16) | 24.28(=2.33+21.95) | 0.3127 | 0.329 | 0.2517 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 55.77 | 0.0 | 0.0 | 0.0 | 0 | 22.51(=3.35+19.16) | 23.68(=3.52+20.16) | 25.78(=3.83+21.95) | 0.3127 | 0.329 | 0.2673 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 57.62 | 0.0 | 0.0 | 0.0 | 0 | 24.3(=5.14+19.16) | 25.56(=5.4+20.16) | 27.83(=5.88+21.95) | 0.3127 | 0.329 | 0.2886 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 59.91 | 0.0 | 0.0 | 0.0 | 0 | 26.63(=7.47+19.16) | 28.02(=7.86+20.16) | 30.51(=8.56+21.95) | 0.3127 | 0.329 | 0.3163 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 62.62 | 0.0 | 0.0 | 0.0 | 0 | 29.59(=10.43+19.16) | 31.13(=10.97+20.16) | 33.89(=11.94+21.95) | 0.3127 | 0.329 | 0.3514 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 65.73 | 0.0 | 0.0 | 0.0 | 0 | 33.24(=14.08+19.16) | 34.97(=14.81+20.16) | 38.08(=16.13+21.95) | 0.3127 | 0.329 | 0.3947 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 69.19 | 0.0 | 0.0 | 0.0 | 0 | 37.65(=18.49+19.16) | 39.61(=19.45+20.16) | 43.13(=21.18+21.95) | 0.3127 | 0.329 | 0.4471 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 72.98 | 0.0 | 0.0 | 0.0 | 0 | 42.89(=23.73+19.16) | 45.13(=24.97+20.16) | 49.14(=27.19+21.95) | 0.3127 | 0.329 | 0.5094 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 77.04 | 0.0 | 0.0 | 0.0 | 0 | 49.04(=29.88+19.16) | 51.6(=31.44+20.16) | 56.19(=34.24+21.95) | 0.3127 | 0.329 | 0.5825 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 81.35 | 0.0 | 0.0 | 0.0 | 10 | 56.18(=37.02+19.16) | 59.11(=38.95+20.16) | 64.36(=42.41+21.95) | 0.3127 | 0.329 | 0.6672 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 85.87 | 0.0 | 0.0 | 0.0 | 0 | 64.37(=45.21+19.16) | 67.73(=47.57+20.16) | 73.74(=51.79+21.95) | 0.3127 | 0.329 | 0.7645 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 90.56 | 0.0 | 0.0 | 0.0 | 10 | 73.68(=54.52+19.16) | 77.53(=57.37+20.16) | 84.41(=62.46+21.95) | 0.3127 | 0.329 | 0.8751 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=65.04+19.16) | 88.59(=68.43+20.16) | 96.46(=74.51+21.95) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 52.02 | 0.0 | 0.0 | 0.0 | 0 | 19.16(=0.0+19.16) | 20.16(=0.0+20.16) | 21.95(=0.0+21.95) | 0.3127 | 0.329 | 0.2276 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=65.04+19.16) | 88.59(=68.43+20.16) | 96.46(=74.51+21.95) | 0.3127 | 0.329 | 1.0 |

## Données colorimétrique calculées (b): Système lumineux de têlévision TLS70b pour CIE clarté $L^*$=70 de noir et pour illuminant D65

**Système TLS70b**

**Réflexion D65:**
**$Y_N$ = 40.32**
**$L^*_N$ = 69.7**

| Couleur i | $r^*_{a,d}$ | $g^*_{a,d}$ | $b^*_{a,d}$ | $L^*_d$ | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ | $X_{a,d}$ | $Y_{a,d}$ | $Z_{a,d}$ | $x_{a,d}$ | $y_{a,d}$ | $Y_{a,d}$/88.59 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $01,0_d$ | 0.0 | 0.0 | 0.0 | 69.7 | 0.0 | 0.0 | 0.0 | 0 | 38.32(=0.0+38.32) | 40.32(=0.0+40.32) | 43.9(=0.0+43.9) | 0.3127 | 0.329 | 0.4551 |
| $02,1_d$ | 0.067 | 0.067 | 0.067 | 69.97 | 0.0 | 0.0 | 0.0 | 0 | 38.68(=0.36+38.32) | 40.7(=0.38+40.32) | 44.32(=0.42+43.9) | 0.3127 | 0.329 | 0.4594 |
| $03,2_d$ | 0.133 | 0.133 | 0.133 | 70.28 | 0.0 | 0.0 | 0.0 | 0 | 39.11(=0.79+38.32) | 41.15(=0.83+40.32) | 44.8(=0.9+43.9) | 0.3127 | 0.329 | 0.4644 |
| $04,3_d$ | 0.2 | 0.2 | 0.2 | 70.75 | 0.0 | 0.0 | 0.0 | 0 | 39.75(=1.43+38.32) | 41.83(=1.51+40.32) | 45.54(=1.64+43.9) | 0.3127 | 0.329 | 0.4721 |
| $05,4_d$ | 0.267 | 0.267 | 0.267 | 71.42 | 0.0 | 0.0 | 0.0 | 0 | 40.68(=2.36+38.32) | 42.8(=2.48+40.32) | 46.61(=2.7+43.9) | 0.3127 | 0.329 | 0.4832 |
| $06,5_d$ | 0.333 | 0.333 | 0.333 | 72.32 | 0.0 | 0.0 | 0.0 | 0 | 41.94(=3.62+38.32) | 44.13(=3.81+40.32) | 48.05(=4.15+43.9) | 0.3127 | 0.329 | 0.4981 |
| $07,6_d$ | 0.4 | 0.4 | 0.4 | 73.46 | 0.0 | 0.0 | 0.0 | 0 | 43.59(=5.27+38.32) | 45.87(=5.55+40.32) | 49.94(=6.04+43.9) | 0.3127 | 0.329 | 0.5177 |
| $08,7_d$ | 0.467 | 0.467 | 0.467 | 74.86 | 0.0 | 0.0 | 0.0 | 0 | 45.67(=7.35+38.32) | 48.06(=7.74+40.32) | 52.33(=8.43+43.9) | 0.3127 | 0.329 | 0.5425 |
| $09,8_d$ | 0.533 | 0.533 | 0.533 | 76.54 | 0.0 | 0.0 | 0.0 | 0 | 48.25(=9.93+38.32) | 50.77(=10.45+40.32) | 55.28(=11.38+43.9) | 0.3127 | 0.329 | 0.573 |
| $10,9_d$ | 0.6 | 0.6 | 0.6 | 78.49 | 0.0 | 0.0 | 0.0 | 0 | 51.36(=13.04+38.32) | 54.04(=13.72+40.32) | 58.84(=14.94+43.9) | 0.3127 | 0.329 | 0.61 |
| $11,A_d$ | 0.667 | 0.667 | 0.667 | 80.7 | 0.0 | 0.0 | 0.0 | 0 | 55.06(=16.74+38.32) | 57.93(=17.61+40.32) | 63.08(=19.18+43.9) | 0.3127 | 0.329 | 0.6539 |
| $12,B_d$ | 0.733 | 0.733 | 0.733 | 83.18 | 0.0 | 0.0 | 0.0 | 0 | 59.4(=21.08+38.32) | 62.5(=22.18+40.32) | 68.05(=24.15+43.9) | 0.3127 | 0.329 | 0.7055 |
| $13,C_d$ | 0.8 | 0.8 | 0.8 | 85.9 | 0.0 | 0.0 | 0.0 | 0 | 64.43(=26.11+38.32) | 67.8(=27.48+40.32) | 73.82(=29.92+43.9) | 0.3127 | 0.329 | 0.7653 |
| $14,D_d$ | 0.867 | 0.867 | 0.867 | 88.86 | 0.0 | 0.0 | 0.0 | 0 | 70.21(=31.89+38.32) | 73.87(=33.55+40.32) | 80.43(=36.53+43.9) | 0.3127 | 0.329 | 0.8339 |
| $15,E_d$ | 0.933 | 0.933 | 0.933 | 92.04 | 0.0 | 0.0 | 0.0 | 0 | 76.78(=38.46+38.32) | 80.79(=40.47+40.32) | 87.96(=44.06+43.9) | 0.3127 | 0.329 | 0.9119 |
| $16,F_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=45.88+38.32) | 88.59(=48.27+40.32) | 96.46(=52.56+43.9) | 0.3127 | 0.329 | 1.0 |
| $17,N_d$ | 0.0 | 0.0 | 0.0 | 69.7 | 0.0 | 0.0 | 0.0 | 0 | 38.32(=0.0+38.32) | 40.32(=0.0+40.32) | 43.9(=0.0+43.9) | 0.3127 | 0.329 | 0.4551 |
| $18,W_d$ | 1.0 | 1.0 | 1.0 | 95.41 | 0.0 | 0.0 | 0.0 | 0 | 84.2(=45.88+38.32) | 88.59(=48.27+40.32) | 96.46(=52.56+43.9) | 0.3127 | 0.329 | 1.0 |