

| Basic television colour or mixture colour for D65<br>CIE data for White $Y_W=90$ | Standard CIELAB data $L^*a^*b^*C^*_{ab}h_{ab}$<br>( $L^*_d=90$ for white; $L^*_d=18,0$ for black) |         |         |              |            |
|--|---|---------|---------|--------------|------------|
|  | $L^*_d$   | $a^*_d$ | $b^*_d$ | $C^*_{ab,d}$ | $h_{ab,d}$ |
| <i>three additive mixture colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>     |   |         |         |              |            |
| $C_d$ Cyan 90 ( $rgb=rgb^*=0\ 1\ 1$ )  | 87,41   | -46,42  | -13,64  | 48,38        | 199        |
| $M_d$ Magenta 90 ( $rgb=rgb^*=1\ 0\ 1$ )   | 57,68   | 94,83   | -58,74  | 111,55       | 324        |
| $Y_d$ Yellow 90 ( $rgb=rgb^*=1\ 1\ 0$ )  | 93,23   | -20,83  | 91,22   | 93,56        | 110        |
| <i>three additive basic colours of ITU-R BT.709.3, sRGB, IEC 61966-2-1</i>       |   |         |         |              |            |
| $R_d$ Red 90 ( $rgb=rgb^*=1\ 0\ 0$ )   | 50,84   | 77,31   | 64,87   | 100,93       | 19         |
| $G_d$ Green 90 ( $rgb=rgb^*=0\ 1\ 0$ )   | 84,15   | -83,21  | 80,31   | 115,65       | 144        |
| $B_d$ Blue 90 ( $rgb=rgb^*=0\ 0\ 1$ )  | 30,63   | 76,46   | -104,14 | 129,19       | 290        |
| <i>achromatic colours with different normalization:</i>                          |   |         |         |              |            |
| $W_0$ White 90 ( $rgb=rgb^*=1\ 1\ 1$ )   | 95,99   | 0,00    | 0,00    | 0,00         | 0          |
| $W_1$ White 90 ( $rgb=rgb^*=1\ 1\ 1$ )   | 95,40   | 0,00    | 0,00    | 0,00         | 0          |
| $N_1$ Black 2,5 ( $rgb=rgb^*=0\ 0\ 0$ )  | 18,00   | 0,00    | 0,00    | 0,00         | 0          |
| $N_0$ Black 0 ( $rgb=rgb^*=0\ 0\ 0$ )  | 0,00  | 0,00    | 0,00    | 0,00         | 0          |