

## basic and mixed colors of standard color television by DIN 6169

| basic color or<br>mixed color and<br>name | CIE standard<br>chromaticity |        | CIE standard<br>tristimulus value |        |        |
|-------------------------------------------|------------------------------|--------|-----------------------------------|--------|--------|
|                                           | $x$                          | $y$    | $X$                               | $Y$    | $Z$    |
| <i>three additive basic colors:</i>       |                              |        |                                   |        |        |
| O orangered                               | 0,6400                       | 0,3300 | 43,03                             | 22,19  | 2,02   |
| L leafgreen                               | 0,2900                       | 0,6000 | 34,16                             | 70,68  | 12,96  |
| V violetblue                              | 0,1415                       | 0,0482 | 17,82                             | 7,13   | 93,87  |
| <i>three additive mixed colors:</i>       |                              |        |                                   |        |        |
| C cyanblue                                | 0,2197                       | 0,3288 | 51,98                             | 77,81  | 106,83 |
| M magentared                              | 0,3270                       | 0,1576 | 60,85                             | 29,32  | 95,89  |
| Y yellow                                  | 0,4172                       | 0,5019 | 77,19                             | 92,87  | 14,98  |
| D65 (white)                               | 0,3127                       | 0,3291 | 95,01                             | 100,00 | 108,85 |