$XYZ_{W,10}$=99.99 , 99.99 , 100.0

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$

$a_{20} = 1,\ \ b_{20} = -0{,}4$

$x_c = 0{,}110,\ \ B_c = 0{,}900$

$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

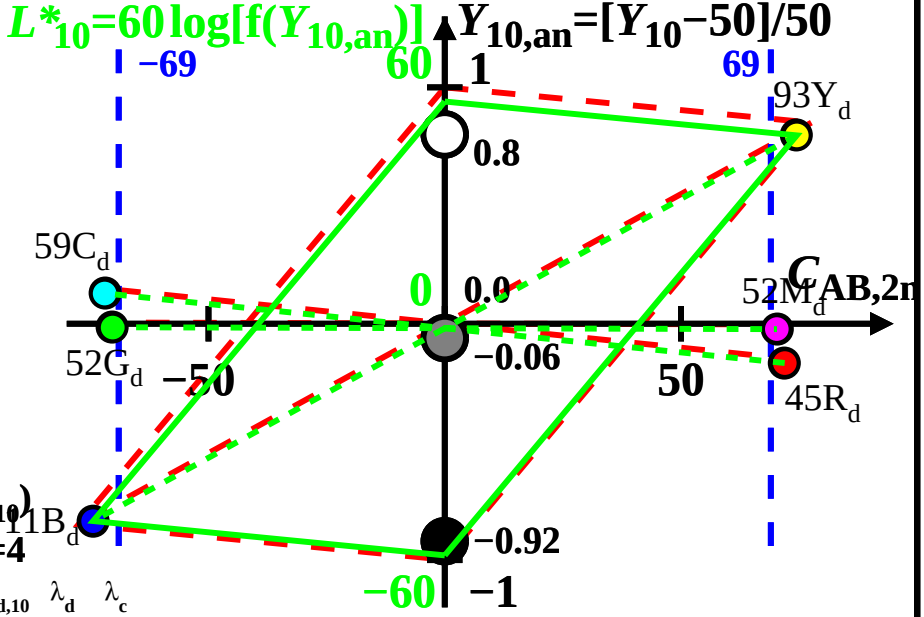
6 *Ostwald* colours (o)

of maximum (m) $C_{AB,10}$ in

linear colour space ($C_{AB,2,10}$, $Y_{10}$)

Illumin. E00, $Y_{W,10}$=100, $Y_{N,10}$=4

| Name | Range | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 564_775 | 67.52 | 44.68 | 4.1 | 0.5805 | 0.3841 | 594 | 482 |
| $Y_d$ | 487_775 | 83.83 | 92.83 | 10.12 | 0.4488 | 0.4969 | 568 | 459 |
| $G_d$ | 487_564 | 20.41 | 52.25 | 10.12 | 0.2465 | 0.6311 | 530 | 530c |
| $C_d$ | 380_564 | 36.56 | 59.41 | 100.01 | 0.1865 | 0.3031 | 482 | 594 |
| $B_d$ | 380_487 | 20.25 | 11.26 | 93.99 | 0.1613 | 0.0897 | 459 | 568 |
| $M_d$ | 564_487 | 83.68 | 51.85 | 93.99 | 0.3645 | 0.2259 | 530c | 530 |
| $W_d$ | 380_775 | 99.99 | 99.99 | 100.0 | 0.3333 | 0.3333 | 100% | |
| $N_d$ | 380_775 | 3.99 | 3.99 | 4.0 | 0.3332 | 0.3333 | 4% | |
| $Z_d$ | 380_775 | 17.99 | 17.99 | 18.0 | 0.3333 | 0.3333 | 18% | |




$f(Y_{10,an})=\pm[1+10\ |Y_{10,an}|^n]$

*n* increases to 1 for:

1. decreasing of the contrast *C*
2. adjacent compared to separate colours.

**Parameter:**

**$Y_{10}$ & Name Illuminant E00**

**$Y_{W,10}$=100, $Y_{N,10}$=4**