

$XYZ_{W,10} = 98.51, 99.99, 86.17$

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

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

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

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

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

$x_c = 0,110, B_c = 1,000$

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

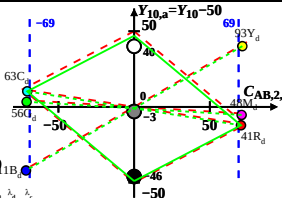
6 Ostwald colours (o)

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

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

Illumin. P50,  $Y_{W,10} = 100, Y_{N,10} = 4$

| Name  | Range   | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|-------|---------|------------|------------|------------|------------|------------|-------------|-------------|
| $R_d$ | 565_775 | 64.68      | 40.83      | 3.53       | 0.5931     | 0.3744     | 597         | 484         |
| $Y_d$ | 489_775 | 84.82      | 93.14      | 8.87       | 0.4539     | 0.4985     | 569         | 461         |
| $G_d$ | 489_565 | 24.18      | 56.41      | 8.87       | 0.2702     | 0.6304     | 534         | 534c        |
| $C_d$ | 380_565 | 37.87      | 63.26      | 86.17      | 0.2021     | 0.3377     | 484         | 597         |
| $B_d$ | 380_489 | 17.72      | 10.95      | 80.82      | 0.1618     | 0.1        | 461         | 569         |
| $M_d$ | 565_489 | 78.37      | 47.69      | 80.82      | 0.3788     | 0.2305     | 534c        | 534         |
| $W_d$ | 380_775 | 98.51      | 99.99      | 86.17      | 0.346      | 0.3512     | 100%        |             |
| $N_d$ | 380_775 | 3.94       | 3.99       | 3.44       | 0.346      | 0.3512     | 4%          |             |
| $Z_d$ | 380_775 | 17.73      | 17.99      | 15.51      | 0.346      | 0.3512     | 18%         |             |



Parameter:

$Y_{10}$  & Name

Illuminant P50

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