

$XYZ_{W,10} = 94.81, 100.0, 107.33$

$A_{2,10} = 2.5 (a_{2,10} - a_{2,n,10}) Y_{10}$

$B_{2,10} = 2.5 B_c (b_{2,10} - b_{2,n,10}) Y_{10}$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 0.800$

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

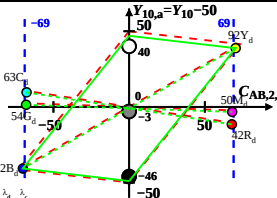
6 Ostwald colours (o)

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

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

Illumin. D65,  $Y_{W,10} = 100, Y_{N,10} = 4$

| Name  | Range   | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|-------|---------|------------|------------|------------|------------|------------|-------------|-------------|
| $R_d$ | 561_775 | 61.2       | 41.5       | 4.4        | 0.5714     | 0.3874     | 593         | 482         |
| $Y_d$ | 487_775 | 77.67      | 91.8       | 10.73      | 0.431      | 0.5094     | 566         | 461         |
| $G_d$ | 487_561 | 20.35      | 54.39      | 10.73      | 0.2381     | 0.6363     | 529         | 529c        |
| $C_d$ | 380_561 | 37.49      | 62.6       | 107.33     | 0.1807     | 0.3017     | 482         | 593         |
| $B_d$ | 380_487 | 21.02      | 12.3       | 101.0      | 0.1565     | 0.0915     | 461         | 566         |
| $M_d$ | 561_487 | 78.35      | 49.7       | 101.0      | 0.342      | 0.2169     | 529c        | 529         |
| $W_d$ | 380_775 | 94.81      | 100.0      | 107.33     | 0.3137     | 0.3309     | 100%        |             |
| $N_d$ | 380_775 | 3.79       | 4.0        | 4.29       | 0.3137     | 0.3309     | 4%          |             |
| $Z_d$ | 380_775 | 17.06      | 18.0       | 19.32      | 0.3137     | 0.3309     | 18%         |             |



Parameter:

$Y_{10}$  & Name

Illuminant D65

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