

$XYZ_W = 96.42, 100.0, 82.49$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 B_c (b_2 - b_{2,n}) Y$

$a_2 = a_{20} [ (x - x_c) / y ]$

$b_2 = b_{20} [ z / y ]$

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

$x_c = 0.110, B_c = 1.000$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

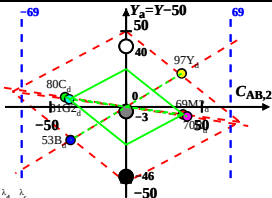
6 Ostwald colours (o)

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

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

Illumin. D50,  $Y_W = 100, Y_N = 50$

| Name   | Range   | $X_d$ | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|--------|---------|-------|-------|-------|--------|--------|-------------|-------------|
| $R_d$  | 570_775 | 80.72 | 70.07 | 41.35 | 0.42   | 0.3646 | 598         | 491         |
| $Y_d$  | 496_775 | 89.81 | 97.06 | 43.46 | 0.3899 | 0.4214 | 573         | 468         |
| $G2_d$ | 474_575 | 59.98 | 81.41 | 49.85 | 0.3136 | 0.4256 | 526         | 526c        |
| $C_d$  | 380_570 | 64.05 | 80.07 | 82.51 | 0.2826 | 0.3532 | 491         | 598         |
| $B_d$  | 380_496 | 54.96 | 53.08 | 80.4  | 0.2916 | 0.2816 | 468         | 573         |
| $M2_d$ | 575_474 | 84.79 | 68.73 | 74.01 | 0.3726 | 0.302  | 526c        | 526         |
| $W_d$  | 380_775 | 96.42 | 100.0 | 82.49 | 0.3457 | 0.3585 | 100%        |             |
| $N_d$  | 380_775 | 48.21 | 50.0  | 41.24 | 0.3457 | 0.3585 | 50%         |             |
| $Z_d$  | 380_775 | 17.35 | 18.0  | 14.84 | 0.3457 | 0.3585 | 18%         |             |



Parameter:

Y & Name

Illuminant D50

$Y_W = 100, Y_N = 50$