

$XYZ_w = 95.04, 100.0, 108.89$

$$A_2 = 2,5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2,5 B_c (b_2 - b_{2,n}) Y$$

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

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

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

$$x_c = 0,110, B_c = 0,800$$

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

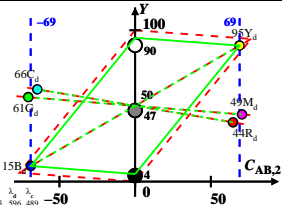
6 Ostwald colours (o)

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

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

Illumin. D65,  $Y_w = 100, Y_N = 10$

| Name  | Range   | $X_d$ | $Y_d$ | $Z_d$  | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|-------|---------|-------|-------|--------|--------|--------|-------------|-------------|
| $R_d$ | 567_775 | 63.21 | 44.18 | 11.04  | 0.5337 | 0.373  | 596         | 489         |
| $Y_d$ | 493_775 | 78.93 | 94.84 | 17.06  | 0.4135 | 0.4969 | 570         | 463         |
| $G_d$ | 493_567 | 25.32 | 60.76 | 17.02  | 0.2455 | 0.5892 | 535         | 535c        |
| $C_d$ | 380_567 | 41.44 | 65.92 | 108.85 | 0.1916 | 0.3048 | 489         | 596         |
| $B_d$ | 380_493 | 25.71 | 15.26 | 102.83 | 0.1788 | 0.1061 | 463         | 570         |
| $M_d$ | 567_493 | 79.33 | 49.34 | 102.87 | 0.3426 | 0.2131 | 535c        | 535         |
| $W_d$ | 380_775 | 95.04 | 100.0 | 108.89 | 0.3127 | 0.329  |             | 100%        |
| $N_d$ | 380_775 | 9.5   | 10.0  | 10.88  | 0.3127 | 0.329  |             | 10%         |
| $Z_d$ | 380_775 | 17.1  | 18.0  | 19.6   | 0.3127 | 0.329  |             | 18%         |



Parameter:

Y & Name

Illuminant D65

$Y_w = 100, Y_N = 10$