

$XYZ_{W,10} = 101.75, 100.0, 64.44$

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

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

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

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

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

$x_c = 0,110, B_c = 1,300$

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

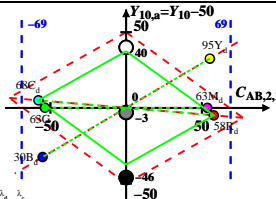
6 Ostwald colours (o)

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

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

Illumin. P40, $Y_{W,10} = 100, Y_{N,10} = 25$

| Name | Range | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | λ_d | λ_c |
|-------|---------|------------|------------|------------|------------|------------|-------------|-------------|
| R_d | 569_775 | 79.02 | 57.61 | 16.17 | 0.5171 | 0.3769 | 597 | 487 |
| Y_d | 492_775 | 93.93 | 95.1 | 18.98 | 0.4515 | 0.4571 | 572 | 465 |
| G_d | 492_569 | 40.44 | 62.59 | 18.98 | 0.3314 | 0.5129 | 535 | 535c |
| C_d | 380_569 | 48.28 | 67.51 | 64.46 | 0.2678 | 0.3745 | 487 | 597 |
| B_d | 380_492 | 33.38 | 30.02 | 61.65 | 0.2669 | 0.24 | 465 | 572 |
| M_d | 569_492 | 86.87 | 62.53 | 61.65 | 0.4115 | 0.2962 | 535c | 535 |
| W_d | 380_775 | 101.75 | 100.0 | 64.44 | 0.3822 | 0.3756 | 100% | |
| N_d | 380_775 | 25.43 | 25.0 | 16.11 | 0.3822 | 0.3756 | 25% | |
| Z_d | 380_775 | 18.31 | 18.0 | 11.6 | 0.3822 | 0.3756 | 18% | |



Parameter:
 Y_{10} & Name
Illuminant P40
 $Y_{W,10} = 100, Y_{N,10} = 25$