$XYZ_W$=108.04 , 100.0 , 39.55

$A$ = 2,5 ($a - a_n$) $Y$

$B$ = 2,5 $B_c$ ($b - b_n$) $Y$

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

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

$a_{20}$ = 1, $b_{20}$ = −0,4

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

$C_{AB}=[A^2+B^2]^{1/2}$

6 *Ostwald* colours (o)

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

chromatic value diagram ($A$, $B$)

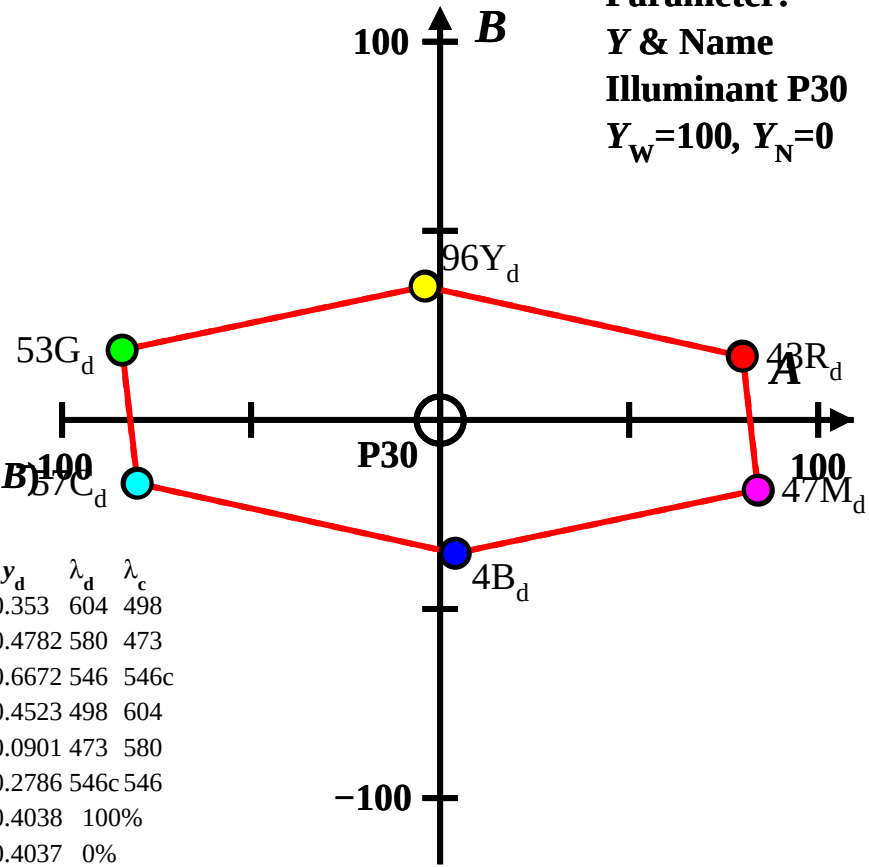
Illumin. P30, $Y_W$=100, $Y_N$=0

Parameter:

$Y$ & Name

Illuminant P30

$Y_W$=100, $Y_N$=0




| Name | Range | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 578_775 | 78.22 | 42.76 | 0.12 | 0.6459 | 0.353 | 604 | 498 |
| $Y_d$ | 503_775 | 102.01 | 95.91 | 2.64 | 0.5086 | 0.4782 | 580 | 473 |
| $G_d$ | 503_578 | 24.0 | 53.35 | 2.59 | 0.3001 | 0.6672 | 546 | 546c |
| $C_d$ | 380_578 | 30.03 | 57.43 | 39.5 | 0.2365 | 0.4523 | 498 | 604 |
| $B_d$ | 380_503 | 6.24 | 4.28 | 36.98 | 0.1314 | 0.0901 | 473 | 580 |
| $M_d$ | 578_503 | 84.25 | 46.84 | 37.03 | 0.5011 | 0.2786 | 546c | 546 |
| $W_d$ | 380_775 | 108.04 | 100.0 | 39.55 | 0.4363 | 0.4038 | 100% | |
| $N_d$ | 380_775 | 0.1 | 0.1 | 0.03 | 0.4361 | 0.4037 | 0% | |
| $Z_d$ | 380_775 | 19.44 | 18.0 | 7.11 | 0.4363 | 0.4038 | 18% | |