

$XYZ_W=98.12, 100.0, 86.5$

$A_1 = 2,5 (a_1 - a_{1,n}) Y$

$B_1 = 2,5 B_c (b_1 - b_{1,n}) Y$

$a_1 = a_{20} [(x - x_c) / y]$

$b_1 = b_{20} [z / y]$

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

$x_c = 0,110, B_c = 1,000$

$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A_1, B_1)

Illumin. P50, $Y_W=100, Y_N=25$

| Name | Range | X_d | Y_d | Z_d | x_d | y_d | λ_d | λ_c |
|----------------|---------|-------|-------|-------|--------|--------|-------------|-------------|
| R _d | 570_775 | 71.2 | 52.15 | 21.74 | 0.4907 | 0.3594 | 601 | 491 |
| Y _d | 495_775 | 87.5 | 95.47 | 24.74 | 0.4212 | 0.4596 | 573 | 467 |
| G _d | 495_570 | 40.92 | 68.42 | 24.71 | 0.3052 | 0.5103 | 542 | 542c |
| C _d | 380_570 | 51.57 | 72.97 | 86.49 | 0.2443 | 0.3457 | 491 | 601 |
| B _d | 380_495 | 35.27 | 29.64 | 83.49 | 0.2376 | 0.1997 | 467 | 573 |
| M _d | 570_495 | 81.85 | 56.7 | 83.52 | 0.3685 | 0.2553 | 542c | 542 |
| W _d | 380_775 | 98.12 | 100.0 | 86.5 | 0.3447 | 0.3513 | 100% | |
| N _d | 380_775 | 24.53 | 25.0 | 21.62 | 0.3447 | 0.3513 | 25% | |
| Z _d | 380_775 | 17.66 | 18.0 | 15.57 | 0.3447 | 0.3513 | 18% | |

