

$XYZ_W = 98.07, 100.0, 118.22$

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

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

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

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

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

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

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in
chromatic value diagram (A, B)¹⁰⁰

Illumin. C00, $Y_W = 100, Y_N = 10$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d
R _d	567_775	64.91	45.36	11.98	0.5309	0.371	596 487
Y _d	492_775	80.42	94.63	18.17	0.4162	0.4897	571 463
G _d	492_567	25.41	59.36	18.12	0.2469	0.5768	535 535c
C _d	380_567	43.07	64.74	118.19	0.1905	0.2864	487 596
B _d	380_492	27.56	15.47	112.0	0.1777	0.0998	463 571
M _d	567_492	82.57	50.74	112.04	0.3365	0.2068	535c 535
W _d	380_775	98.07	100.0	118.22	0.31	0.3161	100%
N _d	380_775	9.8	10.0	11.82	0.31	0.3161	10%
Z _d	380_775	17.65	18.0	21.28	0.31	0.3161	18%

Parameter:

Y & Name

Illuminant C00

$Y_W = 100, Y_N = 10$

