

$XYZ_w = 95.04, 100.0, 108.89$

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

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

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

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

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

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

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

6 Ostwald colours (o)

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

Illumin. D65, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	
R _d	567_775	59.7	38.03	0.26	0.6092	0.388	596	489
Y _d	493_775	77.15	94.26	6.95	0.4325	0.5284	570	463
G _d	493_567	17.64	56.43	6.9	0.2178	0.6968	535	535c
C _d	380_567	35.53	62.16	108.84	0.172	0.3009	489	596
B _d	380_493	18.08	5.93	102.15	0.1433	0.047	463	570
M _d	567_493	77.59	43.76	102.2	0.347	0.1957	535c	535
W _d	380_775	95.04	100.0	108.89	0.3127	0.329	100%	
N _d	380_775	0.09	0.1	0.1	0.3126	0.3289	0%	
Z _d	380_775	17.1	18.0	19.6	0.3127	0.329	18%	

Parameter:

Y & Name

Illuminant D65

$Y_w = 100, Y_N = 0$

