

$XYZ_w = 95.04, 100.0, 108.89$

$A_1 = 2.5 (a_1 - a_{1,n}) Y$

$B_1 = 2.5 B_c (b_1 - b_{1,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in
chromatic value diagram (A_1, B_1)

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

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	$\lambda_{c,d}$
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
$G2_d$	476_575	23.84	65.26	20.16	0.2181	0.5972	528	528c
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
$M2_d$	575_476	71.39	34.93	88.94	0.3656	0.1788	528c	528
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%

