

$XYZ_w = 97.06, 99.99, 104.57$

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

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

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

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

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

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o)

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

Illumin. P60, $Y_w = 100, Y_N = 4$

Name	Range	X_d	Y_d	Z_d	x_c	y_c	λ_c	$62 \lambda_c$
R_d	568_775	64.16	42.46	4.33	0.5781	0.3827	596	489
Y_d	494_775	80.43	94.8	10.44	0.4331	0.5105	571	463
G_d	494_568	20.25	56.43	10.39	0.2325	0.648	535	535c
C_d	380_568	36.89	61.63	104.52	0.1816	0.3035	489	596
B_d	380_494	20.61	9.3	98.42	0.1606	0.0724	463	571
M_d	568_494	80.8	47.66	98.47	0.356	0.21	535c	535
W_d	380_775	97.06	99.99	104.57	0.3218	0.3315	100%	
N_d	380_775	3.88	3.99	4.18	0.3218	0.3315	4%	
Z_d	380_775	17.47	17.99	18.82	0.3218	0.3315	18%	

