

$XYZ_w = 108.04, 100.0, 39.55$

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

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

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

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

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

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

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)¹⁰⁰

Illumin. P30, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	578_775	78.22	42.76	0.12	0.6459	0.353	604	498
Y_d	503_775	102.01	95.91	2.64	0.5086	0.4782	580	473
G_d	503_578	24.0	53.35	2.59	0.3001	0.6672	546	546c
C_d	380_578	30.03	57.43	39.5	0.2365	0.4523	498	604
B_d	380_503	6.24	4.28	36.98	0.1314	0.0901	473	580
M_d	578_503	84.25	46.84	37.03	0.5011	0.2786	546c	546
W_d	380_775	108.04	100.0	39.55	0.4363	0.4038	100%	
N_d	380_775	0.1	0.1	0.03	0.4361	0.4037	0%	
Z_d	380_775	19.44	18.0	7.11	0.4363	0.4038	18%	

Parameter:

Y & Name

Illuminant P30

$Y_w = 100, Y_N = 0$

