

$XYZ_w = 95.04, 100.0, 108.89$

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

$B_1 = 2.5 B_2 (b_1 - b_{-1}) Y$

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

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

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

$x_c = 0.110, B_2 = 1.000$

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

6 Oswald colours (e)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)¹⁰⁰

Illumin. D65, $Y_w = 100, Y_N = 4$

Name Range x_1 y_1 z_1 x_2 y_2 z_2 x_3 y_3 z_3 x_4 y_4 z_4

R₁ 507.775 61.08 40.45 4.51 0.5759 0.3814 586 483

Y₁ 493.775 75.83 94.49 10.94 0.4247 0.5155 570 463

G₁ 493.567 20.60 58.14 10.89 0.2394 0.6481 535 535c

C₁ 380.587 37.86 63.84 108.85 0.1799 0.3025 489 596

B₁ 380.493 40.08 9.6 102.02 0.1594 0.0721 463 570

M₁ 567.493 78.27 45.96 102.40 0.3452 0.2027 535 535

W₁ 380.775 95.04 100.0 108.89 0.3127 0.329 100%

N₁ 380.775 3.8 4.0 4.35 0.3127 0.329 4%

Z₁ 380.775 17.1 18.0 19.6 0.3127 0.329 18%

$XYZ_w = 96.42, 100.0, 12.49$

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

$B_1 = 2.5 B_2 (b_1 - b_{-1}) Y$

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

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

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

$x_c = 0.110, B_2 = 1.000$

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

6 Oswald colours (e)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)¹⁰⁰

Illumin. D50, $Y_w = 100, Y_N = 4$

Name Range x_1 y_1 z_1 x_2 y_2 z_2 x_3 y_3 z_3 x_4 y_4 z_4

R₁ 507.775 61.18 42.45 3.42 0.5905 0.3788 598 491

Y₁ 496.775 83.65 94.28 7.47 0.4511 0.5085 573 468

G₁ 496.570 21.41 55.92 7.42 0.2526 0.6597 538 538c

C₁ 380.570 34.19 61.64 124.6 0.1917 0.3457 491 598

B₁ 380.496 16.72 9.82 78.41 0.1593 0.0935 468 573

M₁ 570.496 78.96 48.17 78.45 0.384 0.2343 538 538

W₁ 380.775 96.42 100.0 12.49 0.3457 0.3585 100%

N₁ 380.775 3.85 4.0 3.29 0.3456 0.3585 4%

Z₁ 380.775 17.35 18.0 14.84 0.3457 0.3585 18%

$XYZ_w = 96.42, 100.0, 12.49$

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

$B_1 = 2.5 B_2 (b_1 - b_{-1}) Y$

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

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

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

$x_c = 0.110, B_2 = 1.000$

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

6 Oswald colours (e)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)¹⁰⁰

Illumin. D50, $Y_w = 100, Y_N = 4$

Name Range x_1 y_1 z_1 x_2 y_2 z_2 x_3 y_3 z_3 x_4 y_4 z_4

R₁ 507.775 61.18 42.45 3.42 0.5905 0.3788 598 491

Y₁ 496.775 83.65 94.28 7.47 0.4511 0.5085 573 468

G₁ 496.570 21.41 55.92 7.42 0.2526 0.6597 538 538c

C₁ 380.570 34.19 61.64 124.6 0.1917 0.3457 491 598

B₁ 380.496 16.72 9.82 78.41 0.1593 0.0935 468 573

M₁ 570.496 78.96 48.17 78.45 0.384 0.2343 538 538

W₁ 380.775 96.42 100.0 12.49 0.3457 0.3585 100%

N₁ 380.775 3.85 4.0 3.29 0.3456 0.3585 4%

Z₁ 380.775 17.35 18.0 14.84 0.3457 0.3585 18%