

XYZ_w=97.06, 99.99, 104.57

A₁ = 2.5 (a₁ - a_{1w}) Y

B₁ = 2.5 B₁ (b₁ - b_{1w}) Y

a₁ = a₂₀ [(x - x_c)/y]

b₁ = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B₁ = 1.000

C_{AB1} = [A₁² + B₁²]^{1/2}

6 Oswald colours (e)

of maximum (m) C_{AB} in

chromatic value diagram (A, B)¹⁰⁰

Illumin. P60, Y_w=100, Y_N=10

Name Range X₁ Y₁ Z₁ X₂ Y₂ Z₂ X₃ Y₃ Z₃ X₄ Y₄ Z₄ X₅ Y₅ Z₅

R₁ 509.775 65.4607 110.0 0.5388 0.5748 587.490

Y₁ 494.775 81.47 95.13 0.3303 0.4222 0.493 571 463

G₁ 494.568 25.67 59.16 0.2836 0.2493 0.5886 535 535c

C₁ 380.568 40.66 64.03 104.510 194.3 0.309 486 593

B₁ 380.494 25.4 14.97 98.81 0.1025 0.1075 463 571

M₁ 569.494 81.62 50.94 98.86 0.3532 0.2199 535 535

W₁ 380.775 97.06 99.99 104.57 0.3218 0.3315 100%

N₁ 380.775 9.7 9.99 10.45 0.3218 0.3315 10%

Z₁ 380.775 17.47 17.59 18.82 0.3218 0.3315 10%