

$XYZ_{\lambda} = 97.06, 99.99, 104.57$

$A_2 = 2.5 (a_2 - a_{2\lambda}) Y$

$B_2 = 2.5 B_2 (b_2 - b_{2\lambda}) Y$

$a_2 = a_{2\lambda} [(x - x_{\lambda}) / y]$

$b_2 = b_{2\lambda} (z / y)$

$a_{2\lambda} = 1, b_{2\lambda} = -0.4$

$x_{\lambda} = 0.110, B_{\lambda} = 0.800$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Oswald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P60, $Y_w = 100, Y_{\lambda} = 4$

Name Range x_{λ} y_{λ} z_{λ} x_{λ} y_{λ} z_{λ} x_{λ} y_{λ} z_{λ}

R₁ 569.775 64.16 42.46 4.33 0.5781 0.5927 486

Y₁ 494.775 80.43 94.8 10.44 0.433 0.5015 571 463

G₁ 494.568 20.25 56.43 10.39 0.3235 0.466 535 535c

C₁ 380.598 36.89 61.63 104.52 0.1816 0.3035 498 597

M₁ 380.494 20.64 38.7 58.42 0.1696 0.2714 463 571

N₁ 569.484 80.4 76.46 97.403 0.3565 0.2181 535c 536

W₁ 380.775 97.45 100.0 95.98 0.3321 0.3407 100%

N₂ 380.775 3.88 3.9 4.18 0.3218 0.3315 4%

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