

XYZ_w=95.04, 100.0, 108.89

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_{AH} = [A₁²+B₁²]^{1/2}

6 Oswald colours (e)

of maximum (m) C_{AH} in

chromatic value diagram (A₁, B₁)

Illumin. D65, Y_w=100, Y_N=50

Name Range X₁ Y₁ Z₁ X₂ Y₂ Z₂ X₃ Y₃ Z₃

R₁ 507.775 87.7 69.05 54.57 0.385 0.3434 596.489

Y₁ 495.775 86.13 97.18 57.92 0.357 0.4028 570.463

G₁ 493.567 56.5 78.24 57.9 0.2927 0.4043 536.536

C₁ 380.587 65.3 81.11 108.92 0.2557 0.3176 489.590

B₁ 490.5657 52.96 105.57 0.2629 0.2462 463.570

M₁ 507.493 86.35 71.9 105.59 0.3272 0.2725 535.535

W₁ 380.775 95.04 100.0 108.89 0.3127 0.329 100%

N₁ 380.775 47.52 50.0 54.44 0.3127 0.329 50%

Z₁ 380.775 17.1 18.0 18.6 0.3127 0.329 18%

Parameter: Y & Name

Illuminant D65

Y_w=100, Y_N=50

Y_w=100, Y_N=50

Y_w=100, Y_N=50

Y_w=100, Y_N=50

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Y_w=100, Y_N=50

Y_w=100, Y_N=50

XYZ_w=96.42, 100.0, 124.89

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_{AH} = [A₁²+B₁²]^{1/2}

6 Oswald colours (o)

of maximum (m) C_{AH} in

chromatic value diagram (A₁, B₁)

Illumin. D50, Y_w=100, Y_N=50

Name Range X₁ Y₁ Z₁ X₂ Y₂ Z₂ X₃ Y₃ Z₃

R₁ 507.775 88.73 70.87 41.53 0.42 0.5646 598.491

Y₁ 496.775 89.81 97.06 43.46 0.3899 0.4214 573.468

G₁ 496.570 57.4 77.09 43.43 0.3226 0.4332 538.538

C₁ 380.570 64.05 80.07 82.51 0.2626 0.3532 491.598

B₁ 490.496 54.96 53.08 100.4 0.2916 0.2816 460.573

M₁ 570.496 87.37 73.05 80.43 0.3627 0.3033 538.538

W₁ 380.775 96.42 100.0 124.89 0.3457 0.3585 100%

N₁ 380.775 48.21 50.0 41.24 0.3457 0.3585 50%

Z₁ 380.775 17.35 18.0 14.84 0.3457 0.3585 18%

Parameter: Y & Name

Illuminant D50

Y_w=100, Y_N=50

Y_w=100, Y_N=50

Y_w=100, Y_N=50

Y_w=100, Y_N=50

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x_c = 0.110, B₁ = 1.000

C_{AH} = [A₁²+B₁²]^{1/2}

6 Oswald colours (o)

of maximum (m) C_{AH} in

chromatic value diagram (A₁, B₁)

Illumin. D50, Y_w=100, Y_N=50

Name Range X₁ Y₁ Z₁ X₂ Y₂ Z₂ X₃ Y₃ Z₃

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