

XYZ₀=97.06, 99.99, 104.57

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a_{2s} = a₂₀ [(x - x_s)/y]

b_{2s} = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_s = 0.110, B₂ = 0.800

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P60, Y_w=100, Y_N=25

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

N₁ 569.775 71.38 55.07 26.28 0.4673 0.3605 596.480

Y₁ 494.775 84.09 95.96 31.05 0.3983 0.4545 571.463

G₁ 494.568 37.07 65.98 31.01 0.3765 0.4021 535.536

C₁ 380.568 50.07 70.04 104.56 0.2228 0.3117 489.597

M₁ 380.494 37.31 29.16 99.79 0.2346 0.1753 463.571

N₂ 569.484 84.38 59.13 39.83 0.3467 0.2434 535.535

W₁ 380.775 97.06 99.99 104.57 0.3218 0.3315 100%

N₃ 380.775 24.26 24.99 16.14 0.3313 0.3513 25%

Z₁ 380.775 17.58 17.59 18.02 0.3218 0.3313 18%

Parameter: Y & Name

Illuminant P60

Y_w=100, Y_N=25

XYZ₀=97.06, 99.99, 104.57

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a_{2s} = a₂₀ [(x - x_s)/y]

b_{2s} = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_s = 0.110, B₂ = 1.000

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P50, Y_w=100, Y_N=25

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

N₁ 495.775 85.95 95.47 24.74 0.4212 0.4096 573.467

G₁ 495.570 40.92 68.42 24.71 0.3052 0.5103 542.542

C₁ 380.570 51.57 72.97 86.40 0.2443 0.3457 491.463

M₁ 380.495 38.52 29.64 83.49 0.2376 0.1997 487.573

N₂ 570.495 85.15 56.7 83.52 0.3605 0.2553 542.542

W₁ 380.775 98.10 100.0 86.5 0.3447 0.3513 100%

N₃ 380.775 24.25 25.0 21.62 0.3447 0.3513 25%

Z₁ 380.775 17.66 18.10 15.37 0.3447 0.3513 18%

Parameter: Y & Name

Illuminant P50

Y_w=100, Y_N=25

XYZ₀=97.06, 99.99, 104.57

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a_{2s} = a₂₀ [(x - x_s)/y]

b_{2s} = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_s = 0.110, B₂ = 1.300

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P40, Y_w=100, Y_N=25

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

N₁ 498.775 93.32 96.53 19.27 0.4459 0.4618 576.468

G₁ 498.573 48.36 65.71 19.24 0.3234 0.5233 540.540

C₁ 380.573 48.36 69.19 64.67 0.2654 0.3797 493.463

M₁ 380.498 33.08 29.58 61.66 0.2682 0.2317 488.576

N₂ 573.498 93.32 96.53 19.27 0.4459 0.4618 576.468

W₁ 380.775 100.9100 100.0 64.68 0.3799 0.3764 100%

N₃ 380.775 25.23 25.10 16.17 0.3799 0.3764 25%

Z₁ 380.775 18.16 18.10 11.64 0.3799 0.3764 18%

Parameter: Y & Name

Illuminant P40

Y_w=100, Y_N=25

XYZ₀=97.06, 99.99, 104.57

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a_{2s} = a₂₀ [(x - x_s)/y]

b_{2s} = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_s = 0.110, B₂ = 2.500

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P30, Y_w=100, Y_N=25

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

N₁ 578.775 95.68 57.05 9.97 0.5611 0.3796 604.473

Y₁ 500.775 102.6965 11.94 0.4875 0.5656 590.473

G₁ 500.578 44.97 65.0 11.81 0.3692 0.5337 546.546

C₁ 380.578 49.5 68.07 30.52 0.3151 0.4332 498.604

M₁ 380.503 31.64 28.16 37.63 0.2427 0.249 478.580

N₂ 578.500 90.21 60.11 37.66 0.4798 0.3797 546.546

W₁ 380.775 108.04100 100.0 39.55 0.4363 0.4038 100%

N₃ 380.775 27.01 25.0 9.88 0.4363 0.4038 25%

Z₁ 380.775 19.44 18.0 7.11 0.4363 0.4038 18%

Parameter: Y & Name

Illuminant P30

Y_w=100, Y_N=25

XYZ₀=97.45, 100.0, 95.98

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a_{2s} = a₂₀ [(x - x_s)/y]

b_{2s} = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_s = 0.110, B₂ = 0.900

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P55, Y_w=100, Y_N=25

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

N₁ 569.775 72.38 55.21 24.32 0.4772 0.3637 597.480

Y₁ 494.775 85.62 96.07 28.03 0.4072 0.4569 572.464

G₁ 494.569 37.65 65.96 28.01 0.385 0.4992 536.536

C₁ 380.569 49.5 69.91 95.97 0.2298 0.3245 490.597

M₁ 380.494 36.31 29.05 91.6 0.2314 0.1851 464.572

N₂ 569.484 84.29 59.16 91.6 0.3586 0.2516 536.536

W₁ 380.775 97.45 100.0 95.98 0.3321 0.3407 100%

N₃ 380.775 24.36 25.0 23.99 0.3321 0.3407 25%

Z₁ 380.775 17.54 18.10 17.27 0.3321 0.3407 18%

Parameter: Y & Name

Illuminant P55

Y_w=100, Y_N=25

XYZ₀=97.45, 100.0, 95.98

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a_{2s} = a₂₀ [(x - x_s)/y]

b_{2s} = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_s = 0.110, B₂ = 1.100

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P45, Y_w=100, Y_N=25

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

N₁ 497.775 89.97 96.07 22.25 0.4319 0.4612 574.467

G₁ 497.572 40.37 66.9 22.21 0.3117 0.5166 541.541

C₁ 380.572 49.63 70.85 76.05 0.2525 0.3605 492.600

M₁ 380.497 34.15 29.64 72.89 0.2508 0.2133 487.574

N₂ 572.497 83.75 58.21 72.96 0.3896 0.2708 541.541

W₁ 380.775 98.2 100.0 76.07 0.3603 0.3632 100%

N₃ 380.775 24.8 25.0 19.01 0.3603 0.3632 25%

Z₁ 380.775 17.85 18.10 13.69 0.3603 0.3632 18%

Parameter: Y & Name

Illuminant P45

Y_w=100, Y_N=25

XYZ₀=97.45, 100.0, 95.98

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a_{2s} = a₂₀ [(x - x_s)/y]

b_{2s} = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_s = 0.110, B₂ = 1.800

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P35, Y_w=100, Y_N=25

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

N₁ 500.775 97.51 95.91 14.99 0.4678 0.4601 578.472

G₁ 500.575 45.14 67.58 14.97 0.3535 0.5292 548.548

C₁ 380.575 51.32 71.69 52.1 0.2925 0.4086 496.605

M₁ 380.500 32.19 29.2 50.6 0.2874 0.2507 472.578

N₂ 575.500 97.57 97.54 50.63 0.4387 0.2865 548.548

W₁ 380.775 103.6699 99.52 40.47 0.3904 100%

N₃ 380.775 25.91 24.99 13.1 0.4047 0.3904 25%

Z₁ 380.775 18.66 18.10 0.94 0.4047 0.3904 18%

Parameter: Y & Name

Illuminant P35