

XYZ₂=97.06, 99.99, 104.57

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a₂ = a_{2s} [(x - x_s)/y]

b₂ = b_{2s} [z/y]

a_{2s} = 1, b_{2s} = -0.4

x_s = 0.110, B_s = 0.800

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P60, Y_w=100, Y_s=50

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

B₁ 569.775 97.067 70.08 52.41 0.3949 0.3461 596.48

Y₁ 494.775 88.45 97.34 55.59 0.3664 0.4032 571.463

G₁ 494.568 57.61 77.35 55.57 0.3005 0.407 535.536

C₁ 380.576 65.77 80.06 104.6 0.2626 0.3197 498.69

M₁ 380.494 57.12 52.8 101.42 0.2708 0.2996 463.571

M₂ 569.484 88.71 72.8 50.08 0.3484 0.2659 536.536

W₁ 380.775 97.45 90.00 105.98 0.3321 0.3407 100%

N₁ 380.775 48.53 49.59 52.28 0.3318 0.3315 50%

Z₁ 380.775 17.57 18.99 18.02 0.3218 0.3315 18%

Parameter: Y & Name

Illuminant P60

Y_w=100, Y_s=50

XYZ₂=98.12, 100.0, 86.5

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a₂ = a_{2s} [(x - x_s)/y]

b₂ = b_{2s} [z/y]

a_{2s} = 1, b_{2s} = -0.4

x_s = 0.110, B_s = 1.000

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P50, Y_w=100, Y_s=50

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

B₁ 495.775 91.07 97.01 45.35 0.3901 0.4155 573.467

Y₁ 495.775 80.21 68.13 40.35 0.4184 0.3554 601.481

G₁ 495.570 60.02 78.98 45.33 0.3256 0.4284 542.542

C₁ 380.576 67.12 82.01 86.52 0.2848 0.348 491.61

M₁ 380.495 56.25 53.13 84.52 0.2891 0.2739 487.573

M₂ 570.495 87.3 71.16 84.54 0.3592 0.2928 542.542

W₁ 380.775 98.12 100.0 86.5 0.3447 0.3513 100%

N₁ 380.775 49.06 50.0 43.25 0.3447 0.3513 50%

Z₁ 380.775 17.66 18.0 15.57 0.3447 0.3513 18%

Parameter: Y & Name

Illuminant P50

Y_w=100, Y_s=50

XYZ₂=100.93, 100.0, 64.68

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a₂ = a_{2s} [(x - x_s)/y]

b₂ = b_{2s} [z/y]

a_{2s} = 1, b_{2s} = -0.4

x_s = 0.110, B_s = 1.300

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P40, Y_w=100, Y_s=50

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

B₁ 498.775 95.81 97.72 34.43 0.4202 0.4286 576.468

Y₁ 498.775 85.62 70.85 32.43 0.3543 0.4733 483.483

G₁ 498.573 65.92 79.49 64.69 0.3137 0.3783 493.60

C₁ 380.576 68.8 81.16 52.4 0.3399 0.4099 496.605

M₁ 380.498 55.73 52.42 62.69 0.3262 0.3068 498.576

M₂ 573.498 90.79 72.97 62.71 0.4088 0.3222 548.548

W₁ 380.775 100.93 100.0 64.68 0.3799 0.3764 100%

N₁ 380.775 50.16 50.0 32.34 0.3799 0.3764 100%

Z₁ 380.775 18.16 18.0 11.64 0.3799 0.3764 18%

Parameter: Y & Name

Illuminant P40

Y_w=100, Y_s=50

XYZ₂=108.04, 100.0, 39.55

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a₂ = a_{2s} [(x - x_s)/y]

b₂ = b_{2s} [z/y]

a_{2s} = 1, b_{2s} = -0.4

x_s = 0.110, B_s = 2.500

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P30, Y_w=100, Y_s=50

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

B₁ 502.775 93.17 91.14 10.81 0.3602 0.3891 604.61

Y₁ 502.775 85.07 70.88 62.71 0.4687 0.4371 590.473

G₁ 502.578 66.03 76.7 21.07 0.4031 0.4692 546.546

C₁ 380.576 60.05 78.74 39.54 0.3685 0.4203 498.604

M₁ 380.503 57.14 52.14 38.28 0.3872 0.3533 473.580

M₂ 578.503 96.19 73.44 38.3 0.4625 0.3531 546.546

W₁ 380.775 108.04 100.0 39.55 0.4363 0.4038 100%

N₁ 380.775 54.02 50.0 19.77 0.4363 0.4038 50%

Z₁ 380.775 17.66 18.0 7.11 0.4363 0.4038 18%

Parameter: Y & Name

Illuminant P30

Y_w=100, Y_s=50

XYZ₂=97.45, 100.0, 95.98

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a₂ = a_{2s} [(x - x_s)/y]

b₂ = b_{2s} [z/y]

a_{2s} = 1, b_{2s} = -0.4

x_s = 0.110, B_s = 0.900

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P55, Y_w=100, Y_s=50

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

B₁ 569.775 88.8 70.17 48.11 0.4038 0.3524 597.489

Y₁ 494.775 88.6 97.41 51.05 0.3763 0.4091 572.464

G₁ 494.569 57.61 77.34 51.02 0.3098 0.4158 536.536

C₁ 380.580 65.52 79.97 96.0 0.2713 0.3111 498.597

M₁ 380.494 57.12 52.8 93.07 0.2801 0.2601 464.462

M₂ 569.484 88.71 72.8 50.08 0.3484 0.2659 536.536

W₁ 380.775 97.45 90.00 105.98 0.3321 0.3407 100%

N₁ 380.775 48.72 50.0 47.99 0.3321 0.3407 50%

Z₁ 380.775 17.54 18.0 17.29 0.3321 0.3407 18%

Parameter: Y & Name

Illuminant P55

Y_w=100, Y_s=50

XYZ₂=99.2, 100.0, 76.07

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a₂ = a_{2s} [(x - x_s)/y]

b₂ = b_{2s} [z/y]

a_{2s} = 1, b_{2s} = -0.4

x_s = 0.110, B_s = 1.100

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P45, Y_w=100, Y_s=50

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

B₁ 497.775 93.08 97.01 40.21 0.4034 0.4222 574.467

Y₁ 497.572 60.02 77.97 40.03 0.3368 0.4375 541.541

G₁ 380.572 66.18 80.6 76.08 0.2989 0.3616 492.600

M₁ 380.497 56.58 52.23 74.0 0.3059 0.2887 467.574

M₂ 572.497 88.83 72.17 74.02 0.3702 0.3080 541.541

W₁ 380.775 99.2 100.0 76.07 0.3603 0.3632 100%

N₁ 380.775 49.6 50.0 38.03 0.3603 0.3632 50%

Z₁ 380.775 17.85 18.0 13.69 0.3603 0.3632 18%

Parameter: Y & Name

Illuminant P45

Y_w=100, Y_s=50

XYZ₂=103.66, 99.99, 52.43

A₂ = 2.5 (a₂ - a_{2s}) Y

B₂ = 2.5 B₂ (b₂ - b_{2s}) Y

a₂ = a_{2s} [(x - x_s)/y]

b₂ = b_{2s} [z/y]

a_{2s} = 1, b_{2s} = -0.4

x_s = 0.110, B_s = 1.800

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P35, Y_w=100, Y_s=50

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

B₁ 575.775 85.62 68.88 38.58 0.3768 0.4388 578.472

Y₁ 500.775 99.6 97.31 27.49 0.4438 0.4336 578.472

G₁ 500.575 64.68 78.42 27.47 0.3791 0.4597 548.548

C₁ 380.575 68.8 81.16 52.4 0.3399 0.4099 496.605

M₁ 380.506 56.05 52.83 51.23 0.35 0.3259 472.578

M₂