

XYZ₀=97.06, 99.99, 104.57

A₂ = 2.5 (a₂ - a₂₀) Y

B₂ = 2.5 B₂ (b₂ - b₂₀) Y

a₂ = a₂₀ [(x - x_c)/y]

b₂ = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B₂ = 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_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

C₁ 494.568 37.07 65.98 31.01 0.2765 0.4921 535.335

G₁ 568.500 50.07 70.04 104.56 2.228 0.3117 490.597

N₂ 494.374 29.15 59.79 0.2346 0.1753 603.571

M₁ 569.484 84.38 59.13 59.83 0.3467 0.243 535.335

W₁ 380.775 97.45 96.99 104.57 0.3218 0.3315 100%

N₂ 380.775 24.26 24.99 26.14 0.3313 0.3315 25%

Z₁ 380.775 17.58 17.59 18.82 0.3313 0.3315 18%

Parameter:

Y & Name

Illuminant P60

Y_w=100, Y_N=25

XYZ₀=97.12, 100.0, 86.5

A₂ = 2.5 (a₂ - a₂₀) Y

B₂ = 2.5 B₂ (b₂ - b₂₀) Y

a₂ = a₂₀ [(x - x_c)/y]

b₂ = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B₂ = 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_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

Y₁ 495.570 40.92 68.42 24.71 0.3052 0.5103 542.542

C₁ 560.500 51.57 72.97 86.40 0.2443 0.3467 491.463

G₁ 568.497 34.15 29.64 83.49 0.2376 0.1997 467.573

N₂ 495.485 81.67 83.52 0.3605 0.2553 542.542

M₁ 569.775 98.12 100.00 86.5 0.3447 0.3513 100%

W₁ 380.775 24.53 25.00 26.12 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=97.45, 100.0, 85.95

A₂ = 2.5 (a₂ - a₂₀) Y

B₂ = 2.5 B₂ (b₂ - b₂₀) Y

a₂ = a₂₀ [(x - x_c)/y]

b₂ = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B₂ = 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_N=25

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

N₁ 498.775 93.2 95.33 18.27 0.4459 0.4618 576.468

Y₁ 498.573 48.36 69.19 64.67 0.2654 0.3797 493.463

C₁ 498.573 48.36 69.19 64.67 0.2654 0.3797 493.463

G₁ 568.498 33.08 28.58 61.66 0.2682 0.2317 468.576

N₂ 498.657 59.43 61.69 0.4143 0.2873 548.540

M₁ 569.775 100.00 100.00 66.68 0.3799 0.3764 100%

W₁ 380.775 25.23 25.00 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=100.93, 100.0, 64.68

A₂ = 2.5 (a₂ - a₂₀) Y

B₂ = 2.5 B₂ (b₂ - b₂₀) Y

a₂ = a₂₀ [(x - x_c)/y]

b₂ = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B₂ = 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. P40, 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

Y₁ 500.575 51.32 71.69 52.41 0.2925 0.4086 496.605

C₁ 500.575 51.32 71.69 52.41 0.2925 0.4086 496.605

G₁ 568.500 32.19 29.2 50.6 0.2874 0.2047 472.578

N₂ 500.584 85.7 57.54 50.63 0.4387 0.2865 548.540

M₁ 569.775 103.66 99.99 52.43 0.4047 0.3904 100%

W₁ 380.775 25.91 24.99 13.1 0.4047 0.3904 25%

Z₁ 380.775 18.66 18.60 9.43 0.4047 0.3904 18%

Parameter:

Y & Name

Illuminant P35

Y_w=100, Y_N=25

XYZ₀=103.66, 99.99, 52.43

A₂ = 2.5 (a₂ - a₂₀) Y

B₂ = 2.5 B₂ (b₂ - b₂₀) Y

a₂ = a₂₀ [(x - x_c)/y]

b₂ = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B₂ = 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_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

Y₁ 500.575 51.32 71.69 52.41 0.2925 0.4086 496.605

C₁ 500.575 51.32 71.69 52.41 0.2925 0.4086 496.605

G₁ 568.500 32.19 29.2 50.6 0.2874 0.2047 472.578

N₂ 500.584 85.7 57.54 50.63 0.4387 0.2865 548.540

M₁ 569.775 103.66 99.99 52.43 0.4047 0.3904 100%

W₁ 380.775 25.91 24.99 13.1 0.4047 0.3904 25%

Z₁ 380.775 18.66 18.60 9.43 0.4047 0.3904 18%

Parameter:

Y & Name

Illuminant P35

Y_w=100, Y_N=25

XYZ₀=103.66, 99.99, 52.43

A₂ = 2.5 (a₂ - a₂₀) Y

B₂ = 2.5 B₂ (b₂ - b₂₀) Y

a₂ = a₂₀ [(x - x_c)/y]

b₂ = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B₂ = 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_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

Y₁ 500.575 51.32 71.69 52.41 0.2925 0.4086 496.605

C₁ 500.575 51.32 71.69 52.41 0.2925 0.4086 496.605

G₁ 568.500 32.19 29.2 50.6 0.2874 0.2047 472.578

N₂ 500.584 85.7 57.54 50.63 0.4387 0.2865 548.540

M₁ 569.775 103.66 99.99 52.43 0.4047 0.3904 100%

W₁ 380.775 25.91 24.99 13.1 0.4047 0.3904 25%

Z₁ 380.775 18.66 18.60 9.43 0.4047 0.3904 18%

Parameter:

Y & Name

Illuminant P35

Y_w=100, Y_N=25

XYZ₀=103.66, 99.99, 52.43

A₂ = 2.5 (a₂ - a₂₀) Y

B₂ = 2.5 B₂ (b₂ - b₂₀) Y

a₂ = a₂₀ [(x - x_c)/y]

b₂ = b₂₀ [z/y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B₂ = 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_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

Y₁ 500.575 51.32 71.69 52.41 0.2925 0.4086 496.605

C₁ 500.575 51.32 71.69 52.41 0.2925 0.4086 496.605

G₁ 568.500 32.19 29.2 50.6 0.2874 0.2047 472.578

N₂ 500.584 85.7 57.54 50.63 0.4387 0.2865 548.540

M₁ 569.775 103.66 99.99 52.43 0.4047 0.3904 100%

W₁ 380.775 25.91 24.99 13.1 0.4047 0.3904 25%

Z₁ 380.775 18.66 18.60 9.43 0.4047 0.3904 18%

Parameter:

Y