

XYZ₂=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, 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=25

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

B₁ 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 0.4551 531.463

G₁ 494.568 37.07 65.98 31.01 0.2765 0.4821 535.536

C₁ 300.548 50.07 70.84 104.56 0.2228 0.3317 489.597

B₂ 390.494 76.31 29.95 91.56 0.2214 0.1651 464.572

M₁ 569.494 84.38 59.13 39.83 0.3467 0.2434 535.535

W₁ 380.775 97.45 96.99 104.57 0.3218 0.3315 100%

N₁ 380.775 24.26 24.99 24.56 0.3313 0.3513 25%

Z₁ 380.775 17.47 17.59 18.02 0.3218 0.3313 184%

Parameter: Y & Name Illuminant P60

Y_w=100, Y_s=25

XYZ₂=98.12, 100.0, 86.5

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, 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=25

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

B₁ 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 300.570 51.97 72.87 86.40 0.2443 0.3467 491.601

B₂ 390.497 74.5 29.94 91.56 0.2508 0.1333 467.514

M₁ 570.495 81.05 56.7 40.52 0.3605 0.2553 542.542

W₁ 380.775 98.12 100.0 86.5 0.3447 0.3513 100%

N₁ 380.775 24.53 25.0 21.62 0.3447 0.3513 25%

Z₁ 380.775 17.66 18.10 15.57 0.3447 0.3513 18%

Parameter: Y & Name Illuminant P50

Y_w=100, Y_s=25

XYZ₂=97.45, 100.0, 95.38

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, 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=25

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

B₁ 569.775 72.43 55.21 24.32 0.4772 0.3637 597.490

Y₁ 494.775 85.62 96.07 28.03 0.4072 0.4569 572.464

G₁ 494.569 37.65 65.96 28.03 0.285 0.4992 536.536

C₁ 300.548 50.45 69.91 95.97 0.2298 0.3245 489.597

B₂ 390.494 76.31 29.95 91.56 0.2214 0.1651 464.572

M₁ 569.494 84.38 59.16 39.83 0.3586 0.2516 536.536

W₁ 380.775 97.45 100.0 95.98 0.3321 0.3407 100%

N₁ 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_s=25

XYZ₂=98.12, 100.0, 86.5

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, 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. P45, Y_w=100, Y_s=25

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

B₁ 497.572 80.97 96.07 22.22 0.4319 0.4612 574.467

G₁ 497.572 40.37 66.9 22.21 0.3117 0.5166 541.541

C₁ 300.572 49.63 70.85 76.05 0.2525 0.3605 492.600

B₂ 390.497 74.5 29.94 91.56 0.2508 0.1333 467.514

M₁ 572.497 83.75 58.21 72.96 0.3896 0.2708 541.541

W₁ 380.775 98.12 100.0 86.5 0.3447 0.3513 100%

N₁ 380.775 24.53 25.0 21.62 0.3447 0.3513 25%

Z₁ 380.775 17.66 18.10 15.57 0.3447 0.3513 18%

Parameter: Y & Name Illuminant P45

Y_w=100, Y_s=25

XYZ₂=97.45, 100.0, 95.38

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, 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=25

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

B₁ 575.775 78.38 53.43 24.32 0.5405 0.3605 596.480

Y₁ 500.775 97.51 95.91 14.99 0.4678 0.4601 578.472

G₁ 500.575 41.64 67.58 14.97 0.3535 0.5292 548.548

C₁ 300.575 51.32 71.69 52.41 0.2925 0.4086 496.605

B₂ 390.500 32.19 29.2 50.6 0.2874 0.2047 472.578

M₁ 575.500 84.57 57.54 35.04 0.4387 0.2865 548.548

W₁ 380.775 103.6999 99.99 52.43 0.4047 0.3904 100%

N₁ 380.775 25.91 24.99 13.1 0.4047 0.3904 25%

Z₁ 380.775 18.66 18.10 9.43 0.4047 0.3904 18%

Parameter: Y & Name Illuminant P35

Y_w=100, Y_s=25

XYZ₂=103.66, 99.99, 52.43

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, B_s = 3.700

C_{AB2} = [A₂² + B₂²]^{1/2}

6 Oswald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P25, Y_w=100, Y_s=25

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

B₁ 582.775 93.83 56.79 6.7 0.589 0.3675 608

Y₁ 500.775 112.9968 5.784 0.5175 0.4463 592.478

G₁ 506.582 50.16 65.15 7.81 0.4073 0.5291 552.552

C₁ 300.582 53.08 68.32 26.57 0.3587 0.4617 502.608

B₂ 390.506 31.83 28.27 25.49 0.3721 0.3305 478.583

M₁ 578.506 93.81 59.97 25.46 0.5237 0.3343 552.552

W₁ 380.775 115.8100 26.59 0.4764 0.4136 100%

N₁ 380.775 28.79 25.0 6.64 0.4764 0.4136 25%

Z₁ 380.775 20.73 18.0 4.78 0.4764 0.4136 18%

Parameter: Y & Name Illuminant P25

Y_w=100, Y_s=25

XYZ₂=108.04, 100.0, 39.55

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, 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. P40, Y_w=100, Y_s=25

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

B₁ 498.775 85.92 95.32 19.27 0.4459 0.4618 576.468

G₁ 498.573 40.91 65.71 19.24 0.3234 0.5233 540.540

C₁ 300.573 48.36 69.19 64.67 0.2654 0.3797 493.605

B₂ 390.498 33.08 29.58 61.66 0.2682 0.2317 489.576

M₁ 573.498 85.67 59.43 61.69 0.4143 0.2873 548.548

W₁ 380.775 100.9100 39.55 0.3799 0.3764 100%

N₁ 380.775 25.23 25.0 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_s=25

XYZ₂=103.66, 99.99, 52.43

A₂ = 2.5 (a₂ - a