

$XYZ_w = 97.06, 99.99, 104.57$

$A_2 = 2.5 (a_2 - a_{2w}) Y$

$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$

$a_2 = a_{2w} ((x - x_w) / y)$

$b_2 = b_{2w} (z / y)$

$a_{2w} = 1, b_{2w} = -0.4$

$x_w = 0.110, B_2 = 0.800$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P60, $Y_w = 100, Y_N = 4$

Name Range X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4

N_1 569.775 64.16 42.46 1.33 0.5781 0.3927 480 571

Y_1 494.775 80.43 94.8 10.44 0.4331 0.5015 571 463

C_1 494.568 20.25 56.43 10.39 0.3235 0.468 535 535c

C_2 380.568 36.89 61.63 104.52 0.1816 0.3035 490 590

B_1 380.494 62.64 38.7 38.42 0.1696 0.0724 463 571

M_1 569.484 80.8 47.66 98.47 0.356 0.21 535c 535c

W_1 380.775 97.06 99.99 104.57 0.3218 0.3315 100%

N_2 380.775 3.88 3.99 4.18 0.3218 0.3315 4%

N_3 380.775 17.59 18.82 0.3218 0.3315 18%

Parameter: Y & Name Illuminant P60

$Y_w = 100, Y_N = 4$

BE11-1A

$XYZ_w = 98.12, 100.0, 86.5$

$A_2 = 2.5 (a_2 - a_{2w}) Y$

$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$

$a_2 = a_{2w} ((x - x_w) / y)$

$b_2 = b_{2w} (z / y)$

$a_{2w} = 1, b_{2w} = -0.4$

$x_w = 0.110, B_2 = 1.000$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P50, $Y_w = 100, Y_N = 4$

Name Range X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4

N_1 495.775 84.5 94.18 7.42 0.454 0.506 573 467

C_1 495.570 24.88 59.55 7.38 0.2709 0.4845 542 542c

C_2 380.570 38.5 63.37 86.46 0.2023 0.3434 491 601

B_1 380.497 15.84 9.82 62.62 0.1601 0.09 467 573

M_1 570.495 97.26 44.54 82.66 0.3778 0.2178 542 542

W_1 380.775 98.12 100.0 86.5 0.3447 0.3513 100%

N_2 380.775 3.92 4.0 3.46 0.3447 0.3513 4%

N_3 380.775 17.66 18.10 0.3447 0.3513 18%

Parameter: Y & Name Illuminant P50

$Y_w = 100, Y_N = 4$

BE11-3A

$XYZ_w = 100.93, 100.0, 64.68$

$A_2 = 2.5 (a_2 - a_{2w}) Y$

$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$

$a_2 = a_{2w} ((x - x_w) / y)$

$b_2 = b_{2w} (z / y)$

$a_{2w} = 1, b_{2w} = -0.4$

$x_w = 0.110, B_2 = 1.300$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P40, $Y_w = 100, Y_N = 4$

Name Range X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4

N_1 495.775 71.45 43.52 2.69 0.807 0.57 600 493

Y_1 495.775 91.01 95.54 6.54 0.4713 0.4947 576 468

C_1 498.573 33.61 60.54 64.64 0.2116 0.3812 493 600

C_2 380.573 33.61 60.54 64.64 0.2116 0.3812 493 600

B_1 380.498 14.05 8.56 66.79 0.1685 0.1026 498 576

M_1 573.498 91.37 48.01 60.64 0.4277 0.2234 540 540

W_1 380.775 100.93 100.0 64.68 0.3799 0.3764 100%

N_2 380.775 4.03 4.0 2.58 0.3799 0.3764 4%

N_3 380.775 18.16 18.10 0.3799 0.3764 18%

Parameter: Y & Name Illuminant P40

$Y_w = 100, Y_N = 4$

BE11-5A

$XYZ_w = 108.04, 100.0, 39.55$

$A_2 = 2.5 (a_2 - a_{2w}) Y$

$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$

$a_2 = a_{2w} ((x - x_w) / y)$

$b_2 = b_{2w} (z / y)$

$a_{2w} = 1, b_{2w} = -0.4$

$x_w = 0.110, B_2 = 2.500$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P30, $Y_w = 100, Y_N = 4$

Name Range X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4

N_1 567.775 79.39 40.4 0.66 0.628 0.559 608 473

Y_1 567.775 102.24 60.67 4.08 0.5051 0.4764 580 473

C_1 503.578 27.28 55.17 4.04 0.3154 0.3378 546 546c

C_2 380.578 33.08 59.1 39.51 0.2512 0.4487 498 604

B_1 380.503 10.22 8.02 37.69 0.1847 0.145 473 580

M_1 578.503 85.18 49.32 37.13 0.4974 0.2857 546 546

W_1 380.775 108.04 100.0 39.55 0.4633 0.4038 100%

N_2 380.775 4.32 4.0 1.58 0.4633 0.4038 4%

N_3 380.775 19.44 18.0 7.11 0.4633 0.4038 18%

Parameter: Y & Name Illuminant P30

$Y_w = 100, Y_N = 4$

BE11-7A

$XYZ_w = 97.45, 100.0, 95.98$

$A_2 = 2.5 (a_2 - a_{2w}) Y$

$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$

$a_2 = a_{2w} ((x - x_w) / y)$

$b_2 = b_{2w} (z / y)$

$a_{2w} = 1, b_{2w} = -0.4$

$x_w = 0.110, B_2 = 0.900$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P55, $Y_w = 100, Y_N = 4$

Name Range X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4

N_1 569.775 65.4 42.64 3.88 0.3837 0.3806 597 450

Y_1 494.775 82.28 94.94 8.62 0.4403 0.5081 572 464

C_1 494.569 20.87 56.4 9.57 0.2403 0.4693 536 536c

C_2 380.569 36.85 61.46 95.94 0.1882 0.3176 490 597

B_1 380.494 61.17 9.15 39.3 0.1616 0.0774 464 572

M_1 569.484 80.7 47.69 98.03 0.3685 0.2181 536 536

W_1 380.775 97.45 100.0 95.98 0.3321 0.3407 100%

N_2 380.775 3.89 4.0 3.83 0.3321 0.3407 4%

N_3 380.775 17.54 18.0 17.27 0.3321 0.3407 18%

Parameter: Y & Name Illuminant P55

$Y_w = 100, Y_N = 4$

BE11-9A

$XYZ_w = 99.22, 100.0, 76.07$

$A_2 = 2.5 (a_2 - a_{2w}) Y$

$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$

$a_2 = a_{2w} ((x - x_w) / y)$

$b_2 = b_{2w} (z / y)$

$a_{2w} = 1, b_{2w} = -0.4$

$x_w = 0.110, B_2 = 1.100$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P45, $Y_w = 100, Y_N = 4$

Name Range X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4

N_1 497.775 87.35 41.43 0.58 0.6023 0.5604 561 454

Y_1 497.775 87.36 94.95 7.51 0.461 0.5011 574 467

C_1 497.572 23.87 57.61 7.11 0.2694 0.6051 541 541c

C_2 380.572 35.72 62.66 76.03 0.2047 0.3592 492 600

B_1 380.497 15.92 9.15 72.81 0.1638 0.0942 492 574

M_1 572.497 97.39 46.49 72.07 0.401 0.2348 541 541

W_1 380.775 99.22 100.0 76.07 0.3603 0.3632 100%

N_2 380.775 3.96 4.0 3.04 0.3603 0.3632 4%

N_3 380.775 17.85 18.0 13.69 0.3603 0.3632 18%

Parameter: Y & Name Illuminant P45

$Y_w = 100, Y_N = 4$

BE11-4A

$XYZ_w = 103.66, 99.99, 52.43$

$A_2 = 2.5 (a_2 - a_{2w}) Y$

$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$

$a_2 = a_{2w} ((x - x_w) / y)$

$b_2 = b_{2w} (z / y)$

$a_{2w} = 1, b_{2w} = -0.4$

$x_w = 0.110, B_2 = 1.800$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald colours (e)

of maximum (m) C_{AB} in

linear colour space (C_{AB2}, Y)

Illumin. P35, $Y_w = 100, Y_N = 4$

Name Range X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4

N_1 575.775 71.28 40.36 0.86 0.5302 0.5542 605 464

Y_1 500.775 95.76 94.74 4.5 0.491 0.4858 578 472

C_1 500.575 28.72 58.47 4.46 0.3133 0.6379 548 548c

C_2 380.575 36.63 63.73 52.4 0.2397 0.4712 496 605

B_1 380.500 12.15 9.35 50.88 0.1698 0.1307 472 578

M_1 575.500 79.19 45.62 50.1 0.4527 0.2607 548 548

W_1 380.775 103.66 99.99 52.43 0.4047 0.3904 100%

N_2 380.775 4.14 3.99 2.99 0.4047 0.3904 4%

N_3 380.775 18.66 18.0 0.4047 0.3904 18%

Parameter: Y & Name Illuminant P35

$Y_w = 100, Y_N = 4$

BE11-6A

$XYZ_w = 115.18, 100.0, 26.59$

$A_2 = 2.5 (a_2 - a_{2w}) Y$

$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$