

$XYZ_A=97.06, 99.99, 104.57$

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

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

$a_2 = a_{20} [(x - x_c)/y]$

$b_2 = b_{20} [z/y]$

$a_{20} = 1, b_{20} = -0.4$

$a_2 = 0.110, B_2 = 0.800$

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

6 Oswald colours (o)

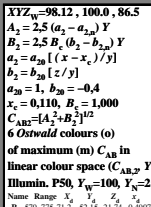
of maximum (m) C_{AB} in

linear colour space ($C_{AB,2} Y$)

Illumin. P60, $Y_W=100, Y_c=25$

Name Range x_y z_y x_z y_z x_c y_c z_c
R₁ 500.775 71.38 55.07 26.29 0.4673 0.8505 906.493
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 0.4231 499.536
C₂ 380.569 50.07 70.04 104.560 2.228 0.3117 489.939
M₁ 380.494 37.21 29.16 99.79 0.2246 0.1753 663.571
M₂ 508.494 84.38 99.13 99.83 0.3467 0.243 535.535
W₁ 380.775 97.45 106.99 104.570 0.2128 0.3315 1000
N₁ 380.775 24.26 24.99 24.64 0.1218 0.3315 25
Z₁ 380.775 17.47 17.99 18.82 0.3218 0.3315 188

Parameter: Y & Name Illuminant P60 $Y_W=100, Y_c=25$



$XYZ_A=97.45, 100.0, 95.98$

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

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

$a_2 = a_{20} [(x - x_c)/y]$

$b_2 = b_{20} [z/y]$

$a_{20} = 1, b_{20} = -0.4$

$a_2 = 0.110, B_2 = 0.900$

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

6 Oswald colours (o)

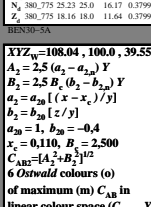
of maximum (m) C_{AB} in

linear colour space ($C_{AB,2} Y$)

Illumin. P55, $Y_W=100, Y_c=25$

Name Range x_y z_y x_z y_z x_c y_c z_c
R₁ 497.775 72.43 55.21 24.12 0.4772 0.8637 997.0
Y₁ 494.775 85.62 96.07 28.53 0.4072 0.4569 572.464
C₁ 494.569 37.65 65.96 28.49 0.288 0.4569 536.0
C₂ 380.569 49.5 69.91 95.97 0.2298 0.3245 490.997
M₁ 380.494 36.31 29.05 99.16 0.2214 0.1851 664.372
M₂ 508.494 84.29 99.16 99.16 0.3586 0.2516 536.536
W₁ 380.775 97.45 106.99 104.570 0.2128 0.3315 1000
N₁ 380.775 24.26 25.00 23.99 0.3321 0.3407 25
Z₁ 380.775 17.54 18.00 17.27 0.3321 0.3407 188

Parameter: Y & Name Illuminant P55 $Y_W=100, Y_c=25$



$XYZ_A=98.12, 100.0, 86.5$

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

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

$a_2 = a_{20} [(x - x_c)/y]$

$b_2 = b_{20} [z/y]$

$a_{20} = 1, b_{20} = -0.4$

$a_2 = 0.110, B_2 = 1.000$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2} Y$)

Illumin. P50, $Y_W=100, Y_c=25$

Name Range x_y z_y x_z y_z x_c y_c z_c
R₁ 495.775 87.5 95.47 24.74 0.4212 0.4996 573.467
Y₁ 495.570 40.92 68.42 24.71 0.3052 0.5103 542.642
C₁ 380.570 51.57 72.97 86.49 0.2443 0.3457 491.501
C₂ 380.497 58.92 29.64 83.49 0.2376 0.1997 467.573
M₁ 370.495 81.85 56.7 83.52 0.3088 0.2553 542.542
M₂ 508.775 98.12 100.0 86.5 0.3447 0.313 1000
W₁ 380.775 24.53 25.00 21.62 0.3447 0.3513 25
Z₁ 380.775 17.65 18.00 15.57 0.3447 0.3513 188

Parameter: Y & Name Illuminant P50 $Y_W=100, Y_c=25$

$XYZ_A=100.93, 100.0, 64.68$

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

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

$a_2 = a_{20} [(x - x_c)/y]$

$b_2 = b_{20} [z/y]$

$a_{20} = 1, b_{20} = -0.4$

$a_2 = 0.110, B_2 = 1.300$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2} Y$)

Illumin. P40, $Y_W=100, Y_c=25$

Name Range x_y z_y x_z y_z x_c y_c z_c
R₁ 472.775 77.32 55.82 16.27 0.519 0.7256 601.493
Y₁ 498.775 93.2 96.53 19.27 0.4459 0.4618 576.468
C₁ 498.573 40.61 65.71 19.24 0.3234 0.5233 540.540
C₂ 380.573 48.36 69.19 64.67 0.2654 0.3797 493.605
C₃ 380.498 33.08 28.58 61.66 0.2082 0.2317 468.576
M₁ 373.498 85.67 99.41 61.69 0.4143 0.2873 548.540
M₂ 508.775 100.93 100.0 64.68 0.3799 0.3764 1000
W₁ 380.775 25.25 25.00 16.17 0.3799 0.3764 25
Z₁ 380.775 18.16 18.00 11.64 0.3799 0.3764 188

Parameter: Y & Name Illuminant P40 $Y_W=100, Y_c=25$

$XYZ_A=103.66, 99.99, 52.43$

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

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

$a_2 = a_{20} [(x - x_c)/y]$

$b_2 = b_{20} [z/y]$

$a_{20} = 1, b_{20} = -0.4$

$a_2 = 0.110, B_2 = 1.800$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2} Y$)

Illumin. P35, $Y_W=100, Y_c=25$

Name Range x_y z_y x_z y_z x_c y_c z_c
R₁ 475.775 78.29 53.23 12.61 0.5289 0.7167 614.576
Y₁ 500.775 97.51 95.91 14.99 0.4678 0.4601 578.472
C₁ 500.575 45.16 67.58 14.97 0.3538 0.5292 548.548
C₂ 380.575 51.32 71.09 52.41 0.2925 0.4086 496.605
C₃ 380.500 32.19 29.2 50.6 0.2874 0.2907 472.578
M₁ 375.498 85.67 97.54 50.62 0.4387 0.2985 548.540
M₂ 508.775 103.66 99.99 52.43 0.4047 0.3904 1000
W₁ 380.775 25.91 24.99 13.41 0.4047 0.3904 25
Z₁ 380.775 18.66 18.00 9.43 0.4047 0.3904 188

Parameter: Y & Name Illuminant P35 $Y_W=100, Y_c=25$

$XYZ_A=108.04, 100.0, 39.55$

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

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

$a_2 = a_{20} [(x - x_c)/y]$

$b_2 = b_{20} [z/y]$

$a_{20} = 1, b_{20} = -0.4$

$a_2 = 0.110, B_2 = 2.500$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2} Y$)

Illumin. P30, $Y_W=100, Y_c=25$

Name Range x_y z_y x_z y_z x_c y_c z_c
R₁ 478.775 85.68 57.05 9.95 0.5611 0.7366 604.473
Y₁ 498.775 92.2 96.53 19.27 0.4459 0.4618 576.468
C₁ 498.573 40.61 65.71 19.24 0.3234 0.5233 540.540
C₂ 380.573 48.36 69.19 64.67 0.2654 0.3797 493.605
C₃ 380.498 33.08 28.58 61.66 0.2082 0.2317 468.576
M₁ 373.498 85.67 99.41 61.69 0.4143 0.2873 548.540
M₂ 508.775 100.93 100.0 39.55 0.3799 0.3764 1000
W₁ 380.775 25.25 25.00 16.17 0.3799 0.3764 25
Z₁ 380.775 18.16 18.00 11.64 0.3799 0.3764 188

Parameter: Y & Name Illuminant P30 $Y_W=100, Y_c=25$

$XYZ_A=115.18, 100.0, 26.59$

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

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

$a_2 = a_{20} [(x - x_c)/y]$

$b_2 = b_{20} [z/y]$

$a_{20} = 1, b_{20} = -0.4$

$a_2 = 0.110, B_2 = 3.700$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2} Y$)

Illumin. P25, $Y_W=100, Y_c=25$

Name Range x_y z_y x_z y_z x_c y_c z_c
R₁ 482.775 93.03 56.95 6.7 0.589 0.875 608.482
Y₁ 500.775 112.296 85.78 4.0 0.5237 0.3143 552.552
C₁ 506.582 50.16 65.15 7.81 0.4073 0.2921 552.552
C₂ 380.582 53.88 68.32 26.57 0.3587 0.4617 502.608
C₃ 380.506 31.83 28.27 25.46 0.3721 0.3305 478.581
M₁ 375.498 85.68 99.97 26.56 0.4387 0.3143 552.552
M₂ 508.775 115.18 100.0 26.59 0.4764 0.4136 1000
W₁ 380.775 27.01 25.0 9.88 0.4663 0.4038 25
Z₁ 380.775 19.44 18.00 7.11 0.4663 0.4038 188

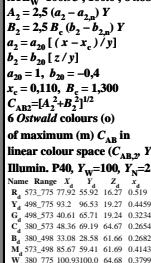
Parameter: Y & Name Illuminant P25 $Y_W=100, Y_c=25$

$XYZ_A=97.06, 99.99, 104.57$

Parameter: Y & Name Illuminant P60 $Y_W=100, Y_c=25$

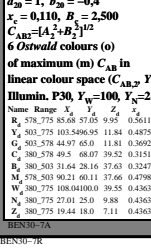
$XYZ_A=97.45, 100.0, 95.98$

Parameter: Y & Name Illuminant P55 $Y_W=100, Y_c=25$



$XYZ_A=98.12, 100.0, 86.5$

Parameter: Y & Name Illuminant P50 $Y_W=100, Y_c=25$



$XYZ_A=100.93, 100.0, 64.68$

Parameter: Y & Name Illuminant P40 $Y_W=100, Y_c=25$

$XYZ_A=103.66, 99.99, 52.43$

Parameter: Y & Name Illuminant P35 $Y_W=100, Y_c=25$

$XYZ_A=108.04, 100.0, 39.55$

Parameter: Y & Name Illuminant P30 $Y_W=100, Y_c=25$

$XYZ_A=115.18, 100.0, 26.59$

Parameter: Y & Name Illuminant P25 $Y_W=100, Y_c=25$

$XYZ_A=97.06, 99.99, 104.57$