

$XTX_{\lambda} = 95.04, 100.0, 108.89$
 $A_2 = 2.5 (a_2 - a_2)_Y$
 $B_2 = 2.5 B_2 (b_2 - b_2)_Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 0.800$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
6 Oswald colours (o)
 of maximum (m) C_{AB} in
 linear colour space (C_{AB2}, Y)

Illumin. D65, $Y_W = 100, Y_N = 50$
 Name Range x_1 y_1 z_1 x_2 x_3 x_4 x_5 x_6 x_7 x_8 x_9
 R 507.275 77.14 60.45 51.08 38.85 0.8244 596.0
 B 493.775 81.63 97.18 57.92 35.7 0.4028 570.463
 G 493.567 56.53 78.24 57.9 29.27 0.4064 535.536
 C 380.567 65.3 81.11 108.97 0.2537 0.3176 489.596
 M 380.490 56.62 52.65 105.47 0.2629 0.2662 463.576
 Y 507.493 86.35 71.9 105.95 0.3127 0.2725 535.535
 W 380.775 95.04 100.0 108.89 0.0137 0.329 1000
 N 380.775 47.52 50.0 54.44 0.3127 0.329 50
 Z 380.775 17.18 18.0 19.6 0.3127 0.329 188

**Parameter:
 Y & Name
 Illuminant D65
 $Y_W = 100, Y_N = 50$**

$XTX_{\lambda} = 100.93, 100.0, 64.68$
 $A_2 = 2.5 (a_2 - a_2)_Y$
 $B_2 = 2.5 B_2 (b_2 - b_2)_Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.300$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
6 Oswald colours (o)
 of maximum (m) C_{AB} in
 linear colour space (C_{AB2}, Y)

Illumin. P40, $Y_W = 100, Y_N = 50$
 Name Range x_1 y_1 z_1 x_2 x_3 x_4 x_5 x_6 x_7 x_8 x_9
 R 498.775 77.14 60.45 51.08 38.85 0.8244 596.0
 B 493.775 81.63 97.18 57.92 35.7 0.4028 570.463
 G 498.573 65.92 74.9 34.41 38.25 0.4477 540.546
 C 380.573 62.97 79.49 64.69 0.3137 0.3783 493.600
 M 380.498 55.72 52.42 102.49 0.2362 0.3608 468.576
 Y 573.498 90.79 72.97 47.01 40.08 0.2222 540.540
 W 380.775 100.93 100.0 64.68 0.3799 0.3764 1000
 N 380.775 50.46 50.0 32.34 0.3799 0.3764 100
 Z 380.775 18.16 18.0 11.64 0.3799 0.3764 188

**Parameter:
 Y & Name
 Illuminant P40
 $Y_W = 100, Y_N = 50$**

$XTX_{\lambda} = 100.0, 100.0, 100.0$
 $A_2 = 2.5 (a_2 - a_2)_Y$
 $B_2 = 2.5 B_2 (b_2 - b_2)_Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 0.900$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
6 Oswald colours (o)
 of maximum (m) C_{AB} in
 linear colour space (C_{AB2}, Y)

Illumin. E00, $Y_W = 100, Y_N = 50$
 Name Range x_1 y_1 z_1 x_2 x_3 x_4 x_5 x_6 x_7 x_8 x_9
 R 494.775 91.73 97.45 53.1 37.96 0.4022 573.463
 B 494.775 81.63 97.18 57.92 35.7 0.4028 570.463
 G 494.570 60.94 77.29 53.07 31.17 0.408 536.536
 C 380.570 67.55 79.88 100.0 0.2724 0.323 489.596
 M 380.498 58.41 52.69 97.05 0.2066 0.2531 463.573
 Y 570.494 91.1 72.85 97.07 43.9 0.2794 536.567
 W 380.775 100.0 100.0 100.0 0.3333 0.3333 1000
 N 380.775 50.0 50.0 33.33 0.3333 0.3333 50
 Z 380.775 18.0 18.0 18.0 0.3333 0.3333 188

**Parameter:
 Y & Name
 Illuminant E00
 $Y_W = 100, Y_N = 50$**

$XTX_{\lambda} = 102.06, 100.0, 81.06$
 $A_2 = 2.5 (a_2 - a_2)_Y$
 $B_2 = 2.5 B_2 (b_2 - b_2)_Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.000$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
6 Oswald colours (o)
 of maximum (m) C_{AB} in
 linear colour space (C_{AB2}, Y)

Illumin. P00, $Y_W = 100, Y_N = 50$
 Name Range x_1 y_1 z_1 x_2 x_3 x_4 x_5 x_6 x_7 x_8 x_9
 R 572.775 85.39 70.37 40.63 0.4531 0.579 469.491
 B 496.775 85.39 97.23 42.56 40.56 0.4134 575.467
 G 496.572 60.99 77.01 42.54 33.78 0.4265 541.541
 C 380.572 67.55 79.77 81.07 0.296 0.3491 487.596
 M 380.496 57.8 52.86 79.14 30.45 0.2784 467.575
 Y 572.496 92.26 73.17 79.17 0.3722 0.299 541.541
 W 380.775 102.06 100.0 81.06 0.3604 0.3531 1000
 N 380.775 51.03 50.0 40.53 0.3604 0.3531 100
 Z 380.775 18.18 18.0 14.59 0.3604 0.3531 188

**Parameter:
 Y & Name
 Illuminant P00
 $Y_W = 100, Y_N = 50$**

$XTX_{\lambda} = 96.42, 100.0, 82.49$
 $A_2 = 2.5 (a_2 - a_2)_Y$
 $B_2 = 2.5 B_2 (b_2 - b_2)_Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.000$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
6 Oswald colours (o)
 of maximum (m) C_{AB} in
 linear colour space (C_{AB2}, Y)

Illumin. D50, $Y_W = 100, Y_N = 50$
 Name Range x_1 y_1 z_1 x_2 x_3 x_4 x_5 x_6 x_7 x_8 x_9
 R 457.775 80.73 70.07 43.73 34.82 0.3646 596.0
 B 496.775 89.81 97.06 43.46 38.99 0.4432 573.468
 G 496.570 57.4 77.09 43.41 32.26 0.4332 538.536
 C 380.570 64.05 80.07 82.51 0.2826 0.352 491.596
 M 380.495 54.96 53.08 103.4 0.2916 0.2816 468.573
 Y 570.496 87.37 73.05 80.43 36.27 0.3033 538.538
 W 380.775 96.42 100.0 82.49 0.3457 0.3585 1000
 N 380.775 48.21 50.0 41.24 0.3457 0.3585 50
 Z 380.775 17.35 18.0 14.84 0.3457 0.3585 188

**Parameter:
 Y & Name
 Illuminant D50
 $Y_W = 100, Y_N = 50$**

$XTX_{\lambda} = 109.84, 99.99, 35.58$
 $A_2 = 2.5 (a_2 - a_2)_Y$
 $B_2 = 2.5 B_2 (b_2 - b_2)_Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 2.500$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
6 Oswald colours (o)
 of maximum (m) C_{AB} in
 linear colour space (C_{AB2}, Y)

Illumin. A00, $Y_W = 100, Y_N = 50$
 Name Range x_1 y_1 z_1 x_2 x_3 x_4 x_5 x_6 x_7 x_8 x_9
 R 507.775 94.93 71.58 47.84 38.89 0.3811 596.0
 B 570.496 87.37 73.05 80.43 36.27 0.3033 538.538
 G 504.579 67.31 76.55 81.89 0.4133 0.4701 547.547
 C 380.579 70.0 78.56 35.57 0.3801 0.4266 499.605
 M 380.498 57.72 52.1 104.23 0.4001 0.3614 474.581
 Y 579.504 97.69 73.59 34.48 40.64 0.3578 547.547
 W 380.775 109.84 99.99 35.58 0.4475 0.4074 1000
 N 380.775 54.92 49.99 17.79 0.4475 0.4074 50
 Z 380.775 19.77 17.99 6.4 0.4475 0.4074 188

**Parameter:
 Y & Name
 Illuminant A00
 $Y_W = 100, Y_N = 50$**

$XTX_{\lambda} = 98.07, 100.0, 118.22$
 $A_2 = 2.5 (a_2 - a_2)_Y$
 $B_2 = 2.5 B_2 (b_2 - b_2)_Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 0.700$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
6 Oswald colours (o)
 of maximum (m) C_{AB} in
 linear colour space (C_{AB2}, Y)

Illumin. C00, $Y_W = 100, Y_N = 50$
 Name Range x_1 y_1 z_1 x_2 x_3 x_4 x_5 x_6 x_7 x_8 x_9
 R 507.775 79.09 60.69 50.62 38.89 0.3912 573.463
 B 492.775 88.31 97.06 62.69 35.59 0.3912 571.463
 G 492.567 57.73 77.47 62.66 29.18 0.3914 535.536
 C 380.567 67.55 80.45 118.25 0.257 0.3021 487.596
 M 380.492 58.94 53.08 114.82 0.2299 0.234 463.571
 Y 570.492 89.6 72.67 114.84 0.323 0.2623 535.535
 W 380.775 98.07 100.0 118.22 0.31 0.3161 1000
 N 380.775 49.03 50.0 59.11 0.31 0.3161 50
 Z 380.775 17.65 18.0 21.28 0.31 0.3161 188

**Parameter:
 Y & Name
 Illuminant C00
 $Y_W = 100, Y_N = 50$**

$XTX_{\lambda} = 97.93, 100.0, 118.95$
 $A_2 = 2.5 (a_2 - a_2)_Y$
 $B_2 = 2.5 B_2 (b_2 - b_2)_Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 0.700$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
6 Oswald colours (o)
 of maximum (m) C_{AB} in
 linear colour space (C_{AB2}, Y)

Illumin. Q00, $Y_W = 100, Y_N = 50$
 Name Range x_1 y_1 z_1 x_2 x_3 x_4 x_5 x_6 x_7 x_8 x_9
 R 507.775 79.52 60.54 50.62 38.81 0.3332 596.0
 B 492.775 97.99 97.23 63.06 35.83 0.3543 573.463
 G 492.567 57.54 77.78 63.06 29.29 0.392 535.536
 C 380.567 67.52 80.6 118.98 0.257 0.3017 487.596
 M 380.492 59.94 52.91 115.52 0.2599 0.2326 462.570
 Y 380.495 89.5 72.16 115.54 0.2226 0.2608 535.535
 W 380.775 97.93 100.0 118.95 0.309 0.3155 1000
 N 380.775 48.96 50.0 59.47 0.309 0.3155 50
 Z 380.775 17.62 18.0 21.41 0.309 0.3155 188

**Parameter:
 Y & Name
 Illuminant Q00
 $Y_W = 100, Y_N = 50$**