

XYZ_{W,10}=94.81, 100.0, 107.33

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 0.800$
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 Oswald-Farben (o)

von maximalem (m) $C_{AB,2,10}$ im
 linearen Farbenraum $(C_{AB,2,10}, Y_{10})$

Lichtart D65, $Y_{W,10}=100, Y_{N,10}=4$

Name Bereich $X_{10}, Y_{10}, Z_{10}, X_{20}, Y_{20}, Z_{20}, X_{30}, Y_{30}, Z_{30}$
 R₁ 501.775 61.2 41.5 24.0 3.05 0.971 901 482
 G₁ 487.775 77.67 91.8 10.73 4.031 5.094 566 461
 C₁ 487.561 20.35 54.39 10.73 0.281 0.3663 529 529c
 C₂ 380.567 37.49 62.6 107.310 1.007 0.3107 482 993
 M₁ 501.487 21.63 65.71 62.10 0.1565 0.009 501 566
 M₂ 561.487 78.35 49.7 101.0 0.342 0.1629 529 529c
 W₁ 380.775 94.81 100.0 107.310 3.137 0.3309 1000
 N₁ 380.775 3.79 4.0 4.29 0.3137 0.3309 4
 Z₁ 380.775 17.06 18.0 19.32 0.3137 0.3309 18%

Parameter:
 Y_{10} & Name
 Lichtart D65
 $Y_{W,10}=100, Y_{N,10}=4$

XYZ_{W,10}=96.72, 99.99, 81.41

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 1.000$
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 Oswald-Farben (o)

von maximalem (m) $C_{AB,2,10}$ im
 linearen Farbenraum $(C_{AB,2,10}, Y_{10})$

Lichtart D50, $Y_{W,10}=100, Y_{N,10}=4$

Name Bereich $X_{10}, Y_{10}, Z_{10}, X_{20}, Y_{20}, Z_{20}, X_{30}, Y_{30}, Z_{30}$
 R₁ 501.775 61.20 41.59 3.23 0.3582 0.3066 594 4
 G₁ 490.775 84.02 92.96 8.47 0.453 0.5012 568 663
 C₁ 490.565 20.9 52.67 8.47 0.2547 0.6419 531 531c
 C₂ 380.565 33.6 59.71 81.41 0.1923 0.3447 484 994
 M₁ 500.490 16.67 11.4 76.27 0.1601 0.107 463 588
 M₂ 565.490 79.79 51.43 76.27 0.3845 0.2478 531 531c
 W₁ 380.775 96.72 99.99 81.41 0.3477 0.3395 1000
 N₁ 380.775 3.86 3.99 3.25 0.3477 0.3395 4
 Z₁ 380.775 17.41 17.99 14.65 0.3477 0.3395 18%

Parameter:
 Y_{10} & Name
 Lichtart D50
 $Y_{W,10}=100, Y_{N,10}=4$

XYZ_{W,10}=101.75, 100.0, 64.44

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 1.300$
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 Oswald-Farben (o)

von maximalem (m) $C_{AB,2,10}$ im
 linearen Farbenraum $(C_{AB,2,10}, Y_{10})$

Lichtart P40, $Y_{W,10}=100, Y_{N,10}=4$

Name Bereich $X_{10}, Y_{10}, Z_{10}, X_{20}, Y_{20}, Z_{20}, X_{30}, Y_{30}, Z_{30}$
 R₁ 501.775 61.2 41.5 24.0 3.05 0.971 901 482
 G₁ 492.775 91.71 93.7 6.23 0.4785 0.4889 572 465
 C₁ 492.569 22.25 52.09 6.23 0.285 0.6385 535 535c
 C₂ 380.569 33.29 58.38 64.44 0.2132 0.3739 487 993
 M₁ 500.492 14.21 10.30 60.86 0.1662 0.1216 465 572
 M₂ 569.492 82.67 52.01 60.86 0.4427 0.2659 535 535c
 W₁ 380.775 101.75 100.0 64.44 0.3822 0.3736 1000
 N₁ 380.775 4.07 4.0 2.57 0.3822 0.3736 4
 Z₁ 380.775 18.31 18.0 11.6 0.3822 0.3736 18%

Parameter:
 Y_{10} & Name
 Lichtart P40
 $Y_{W,10}=100, Y_{N,10}=4$

XYZ_{W,10}=111.15, 99.99, 35.19

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 2.500$
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 Oswald-Farben (o)

von maximalem (m) $C_{AB,2,10}$ im
 linearen Farbenraum $(C_{AB,2,10}, Y_{10})$

Lichtart A00, $Y_{W,10}=100, Y_{N,10}=4$

Name Bereich $X_{10}, Y_{10}, Z_{10}, X_{20}, Y_{20}, Z_{20}, X_{30}, Y_{30}, Z_{30}$
 R₁ 501.775 61.2 41.5 24.0 3.05 0.971 901 482
 G₁ 498.775 105.985 27.3 3.55 0.5173 0.4652 577 460
 C₁ 498.575 32.29 55.69 3.55 0.3258 0.6083 546 546c
 C₂ 380.575 37.5 60.42 35.2 0.2817 0.4538 493 606
 M₁ 500.498 6.76 8.82 33.08 0.1889 0.1708 497 571
 M₂ 575.498 83.41 48.41 33.08 0.5058 0.2035 546 546c
 W₁ 380.775 111.15 99.99 35.19 0.4511 0.4059 1000
 N₁ 380.775 4.44 3.99 1.4 0.4511 0.4059 4
 Z₁ 380.775 20.0 18.0 6.33 0.4511 0.4059 18%

Parameter:
 Y_{10} & Name
 Lichtart A00
 $Y_{W,10}=100, Y_{N,10}=4$

XYZ_{W,10}=99.99, 99.99, 100.0

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 0.900$
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 Oswald-Farben (o)

von maximalem (m) $C_{AB,2,10}$ im
 linearen Farbenraum $(C_{AB,2,10}, Y_{10})$

Lichtart E00, $Y_{W,10}=100, Y_{N,10}=4$

Name Bereich $X_{10}, Y_{10}, Z_{10}, X_{20}, Y_{20}, Z_{20}, X_{30}, Y_{30}, Z_{30}$
 R₁ 501.775 61.2 41.5 24.0 3.05 0.971 901 482
 G₁ 487.775 83.83 92.83 10.12 0.4488 0.4969 568 459
 C₁ 487.564 20.41 52.25 10.12 0.2465 0.6311 530 530c
 C₂ 380.564 36.56 59.41 100.0 0.1865 0.3031 482 994
 M₁ 500.487 20.25 11.26 93.99 0.1613 0.0997 459 568
 M₂ 560.487 81.68 91.99 0.9458 0.2239 530 530c
 W₁ 380.775 99.99 99.99 100.0 0.3333 0.3333 1000
 N₁ 380.775 3.99 3.99 4.0 0.3333 0.3333 4
 Z₁ 380.775 17.99 17.99 18.0 0.3333 0.3333 18%

Parameter:
 Y_{10} & Name
 Lichtart E00
 $Y_{W,10}=100, Y_{N,10}=4$

XYZ_{W,10}=97.28, 99.99, 116.14

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 0.700$
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 Oswald-Farben (o)

von maximalem (m) $C_{AB,2,10}$ im
 linearen Farbenraum $(C_{AB,2,10}, Y_{10})$

Lichtart C00, $Y_{W,10}=100, Y_{N,10}=4$

Name Bereich $X_{10}, Y_{10}, Z_{10}, X_{20}, Y_{20}, Z_{20}, X_{30}, Y_{30}, Z_{30}$
 R₁ 501.775 61.27 42.28 24.0 3.05 0.971 901 482
 G₁ 486.775 78.58 90.93 10.65 0.4361 0.5046 567 461
 C₁ 486.561 20.41 52.44 10.65 0.2407 0.6311 530 530c
 C₂ 380.561 38.7 61.52 116.14 0.1788 0.2843 481 593
 M₁ 500.486 22.69 11.37 110.20 0.1552 0.0901 461 567
 M₂ 560.486 82.27 91.65 109.20 0.3432 0.2124 530 530c
 W₁ 380.775 97.28 99.99 116.14 0.3103 0.3119 1000
 N₁ 380.775 3.89 3.99 4.64 0.3103 0.3119 4
 Z₁ 380.775 17.51 18.0 20.9 0.3103 0.3119 18%

Parameter:
 Y_{10} & Name
 Lichtart C00
 $Y_{W,10}=100, Y_{N,10}=4$

XYZ_{W,10}=102.37, 99.99, 81.25

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 1.000$
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 Oswald-Farben (o)

von maximalem (m) $C_{AB,2,10}$ im
 linearen Farbenraum $(C_{AB,2,10}, Y_{10})$

Lichtart P00, $Y_{W,10}=100, Y_{N,10}=4$

Name Bereich $X_{10}, Y_{10}, Z_{10}, X_{20}, Y_{20}, Z_{20}, X_{30}, Y_{30}, Z_{30}$
 R₁ 501.775 61.2 41.5 24.0 3.05 0.971 901 482
 G₁ 480.775 82.47 93.82 8.2 0.4677 0.4952 571 461
 C₁ 480.567 22.36 52.46 8.2 0.2693 0.6138 533 533c
 C₂ 380.567 35.31 58.94 81.25 0.2012 0.3358 484 597
 M₁ 500.489 17.15 10.57 76.38 0.1647 0.1016 461 571
 M₂ 561.489 84.21 51.6 76.38 0.3967 0.2333 533 533c
 W₁ 380.775 102.37 99.99 81.25 0.3609 0.3325 1000
 N₁ 380.775 4.09 3.99 3.25 0.3609 0.3325 4
 Z₁ 380.775 18.42 18.0 14.62 0.3609 0.3325 18%

Parameter:
 Y_{10} & Name
 Lichtart P00
 $Y_{W,10}=100, Y_{N,10}=4$

XYZ_{W,10}=97.65, 100.0, 118.42

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 0.700$
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 Oswald-Farben (o)

von maximalem (m) $C_{AB,2,10}$ im
 linearen Farbenraum $(C_{AB,2,10}, Y_{10})$

Lichtart Q00, $Y_{W,10}=100, Y_{N,10}=4$

Name Bereich $X_{10}, Y_{10}, Z_{10}, X_{20}, Y_{20}, Z_{20}, X_{30}, Y_{30}, Z_{30}$
 R₁ 501.775 61.23 42.26 24.0 3.05 0.971 901 482
 G₁ 480.775 82.27 91.26 10.59 0.4505 0.5066 566 459
 C₁ 480.561 19.9 53.09 10.59 0.2381 0.6351 530 530c
 C₂ 380.561 39.28 61.84 118.42 0.1789 0.2818 481 593
 M₁ 500.486 23.27 12.84 112.00 0.1517 0.0862 459 566
 M₂ 561.486 81.75 51.0 112.00 0.3333 0.2078 530 530c
 W₁ 380.775 97.65 100.0 118.42 0.3009 0.3163 1000
 N₁ 380.775 3.9 4.0 4.73 0.3009 0.3163 4
 Z₁ 380.775 17.57 18.0 21.31 0.3009 0.3163 18%

Parameter:
 Y_{10} & Name
 Lichtart Q00
 $Y_{W,10}=100, Y_{N,10}=4$