

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

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 0.800$
 $C_{AR,2,10} = [A_{2,10} + B_{2,10}]^{2/12}$
6 Oswald-Farben (o)
 von maximalem (m) $C_{AR,2,10}$ im
 linearen Farbraum $(C_{AR,2,10} Y_{10})$

Lichtart D65, $Y_{W,10}=100, Y_{N,10}=50$

Name Bereich $\lambda_{10} \lambda_{10} \lambda_{20} \lambda_{20} \lambda_{30} \lambda_{30} \lambda_{40} \lambda_{40} \lambda_{50} \lambda_{50}$
 R_1 501.725 68.23 71.08 40.229 0.4209 0.0379 994.4
 R_2 487.775 85.93 95.77 57.07 0.3598 0.4011 566.461
 G_1 487.561 56.07 76.29 57.07 0.296 0.4027 529.5296
 G_2 380.561 65.0 80.56 107.30 0.2509 0.3185 482.949
 B_1 380.561 56.03 54.21 104.00 0.2523 0.253 461.566
 M_1 561.487 86.28 73.85 104.00 0.3265 0.2795 529.5296
 M_2 380.775 94.81 100.0 107.31 0.3173 0.3309 100%
 N_1 380.775 47.4 50.0 53.66 0.3137 0.3309 50%
 Z_1 380.775 17.06 18.0 19.32 0.3137 0.3309 18%

Parameter:
 Y_{10} & Name
 Lichtart D65
 $Y_{W,10}=100, Y_{N,10}=50$

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

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 1.000$
 $C_{AR,2,10} = [A_{2,10} + B_{2,10}]^{2/12}$
6 Oswald-Farben (o)
 von maximalem (m) $C_{AR,2,10}$ im
 linearen Farbraum $(C_{AR,2,10} Y_{10})$

Lichtart D50, $Y_{W,10}=100, Y_{N,10}=50$

Name Bereich $\lambda_{10} \lambda_{10} \lambda_{20} \lambda_{20} \lambda_{30} \lambda_{30} \lambda_{40} \lambda_{40} \lambda_{50} \lambda_{50}$
 R_1 501.725 79.25 70.16 40.229 0.4209 0.0379 994.4
 R_2 490.775 90.15 96.38 43.46 0.3919 0.419 568.663
 G_1 490.565 57.28 75.39 43.46 0.3251 0.428 531.531c
 G_2 380.565 63.89 79.06 81.40 0.2847 0.3523 484.994
 B_1 380.565 63.89 53.76 116.78 0.2935 0.2865 465.568
 M_1 565.490 89.75 74.75 78.77 0.3642 0.3095 531.531
 M_2 380.775 96.72 99.99 81.41 0.3477 0.3595 100%
 N_1 380.775 48.36 49.99 50.07 0.3477 0.3595 50%
 Z_1 380.775 17.41 17.99 14.65 0.3477 0.3595 18%

Parameter:
 Y_{10} & Name
 Lichtart D50
 $Y_{W,10}=100, Y_{N,10}=50$

BGO91-1A

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

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 1.300$
 $C_{AR,2,10} = [A_{2,10} + B_{2,10}]^{2/12}$
6 Oswald-Farben (o)
 von maximalem (m) $C_{AR,2,10}$ im
 linearen Farbraum $(C_{AR,2,10} Y_{10})$

Lichtart P40, $Y_{W,10}=100, Y_{N,10}=50$

Name Bereich $\lambda_{10} \lambda_{10} \lambda_{20} \lambda_{20} \lambda_{30} \lambda_{30} \lambda_{40} \lambda_{40} \lambda_{50} \lambda_{50}$
 R_1 501.725 68.23 71.08 40.229 0.4209 0.0379 994.4
 R_2 492.775 96.57 96.76 53.14 0.2444 0.4253 572.465
 G_1 492.569 60.91 75.09 34.15 0.3579 0.4413 535.535c
 G_2 380.569 66.14 78.27 64.47 0.3164 0.375 487.597
 B_1 380.569 66.14 53.28 102.6 0.2564 0.3099 465.572
 M_1 569.492 91.86 75.05 62.6 0.4002 0.3269 535.535
 M_2 380.775 101.75 100.0 64.44 0.3822 0.3756 100%
 N_1 380.775 50.87 50.0 32.22 0.3822 0.3756 50%
 Z_1 380.775 18.31 18.0 11.6 0.3822 0.3756 18%

Parameter:
 Y_{10} & Name
 Lichtart P40
 $Y_{W,10}=100, Y_{N,10}=50$

BGO91-2A

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

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 2.500$
 $C_{AR,2,10} = [A_{2,10} + B_{2,10}]^{2/12}$
6 Oswald-Farben (o)
 von maximalem (m) $C_{AR,2,10}$ im
 linearen Farbraum $(C_{AR,2,10} Y_{10})$

Lichtart A00, $Y_{W,10}=100, Y_{N,10}=50$

Name Bereich $\lambda_{10} \lambda_{10} \lambda_{20} \lambda_{20} \lambda_{30} \lambda_{30} \lambda_{40} \lambda_{40} \lambda_{50} \lambda_{50}$
 R_1 501.725 94.08 70.16 40.229 0.4209 0.0379 994.4
 R_2 498.775 108.4997 58 18.73 0.4825 0.434 577.409
 G_1 498.575 70.13 76.97 18.73 0.4229 0.4641 546.546c
 G_2 380.575 72.84 79.43 35.21 0.3888 0.4236 493.606
 B_1 380.575 98.38 52.56 54.11 0.4025 0.3623 469.577
 M_1 575.498 96.75 73.17 34.14 0.4741 0.3586 546.546
 M_2 380.775 111.15 99.99 35.19 0.4511 0.4059 100%
 N_1 380.775 55.57 49.99 17.59 0.4511 0.4059 50%
 Z_1 380.775 20.0 18.0 6.33 0.4511 0.4059 18%

Parameter:
 Y_{10} & Name
 Lichtart A00
 $Y_{W,10}=100, Y_{N,10}=50$

BGO91-3A

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

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 0.900$
 $C_{AR,2,10} = [A_{2,10} + B_{2,10}]^{2/12}$
6 Oswald-Farben (o)
 von maximalem (m) $C_{AR,2,10}$ im
 linearen Farbraum $(C_{AR,2,10} Y_{10})$

Lichtart E00, $Y_{W,10}=100, Y_{N,10}=50$

Name Bereich $\lambda_{10} \lambda_{10} \lambda_{20} \lambda_{20} \lambda_{30} \lambda_{30} \lambda_{40} \lambda_{40} \lambda_{50} \lambda_{50}$
 R_1 501.725 68.23 71.08 40.229 0.4209 0.0379 994.4
 R_2 487.775 91.62 96.31 53.24 0.3799 0.3903 568.459
 G_1 487.564 58.59 75.17 53.24 0.3133 0.402 530.594
 G_2 380.564 67.0 78.91 100.05 0.2724 0.3208 482.949
 B_1 380.564 58.5 53.83 96.92 0.2795 0.2579 457.499
 M_1 564.487 91.67 86.07 48.24 0.4861 0.4103 571.461
 M_2 380.775 99.99 99.99 100.0 0.3333 0.3333 100%
 N_1 380.775 49.99 49.99 50.0 0.3333 0.3333 50%
 Z_1 380.775 17.99 17.99 18.0 0.3333 0.3333 18%

Parameter:
 Y_{10} & Name
 Lichtart E00
 $Y_{W,10}=100, Y_{N,10}=50$

BGO91-4A

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

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 0.700$
 $C_{AR,2,10} = [A_{2,10} + B_{2,10}]^{2/12}$
6 Oswald-Farben (o)
 von maximalem (m) $C_{AR,2,10}$ im
 linearen Farbraum $(C_{AR,2,10} Y_{10})$

Lichtart C00, $Y_{W,10}=100, Y_{N,10}=50$

Name Bereich $\lambda_{10} \lambda_{10} \lambda_{20} \lambda_{20} \lambda_{30} \lambda_{30} \lambda_{40} \lambda_{40} \lambda_{50} \lambda_{50}$
 R_1 501.725 79.25 70.16 40.229 0.4209 0.0379 994.4
 R_2 486.775 87.59 95.32 61.25 0.3587 0.3903 567.461
 G_1 486.561 57.08 75.28 61.25 0.2948 0.3888 530.530c
 G_2 380.561 66.82 80.0 116.2 0.254 0.3104 481.593
 B_1 380.561 66.82 54.82 113.10 0.2892 0.2421 461.567
 M_1 564.486 89.89 74.86 48.24 0.5110 0.3212 0.702 530.530
 M_2 380.775 97.28 99.99 116.14 0.3103 0.319 100%
 N_1 380.775 48.64 49.99 50.07 0.3103 0.319 50%
 Z_1 380.775 17.51 18.0 20.9 0.3103 0.319 18%

Parameter:
 Y_{10} & Name
 Lichtart C00
 $Y_{W,10}=100, Y_{N,10}=50$

BGO91-5A

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

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 1.000$
 $C_{AR,2,10} = [A_{2,10} + B_{2,10}]^{2/12}$
6 Oswald-Farben (o)
 von maximalem (m) $C_{AR,2,10}$ im
 linearen Farbraum $(C_{AR,2,10} Y_{10})$

Lichtart P00, $Y_{W,10}=100, Y_{N,10}=50$

Name Bereich $\lambda_{10} \lambda_{10} \lambda_{20} \lambda_{20} \lambda_{30} \lambda_{30} \lambda_{40} \lambda_{40} \lambda_{50} \lambda_{50}$
 R_1 501.725 86.21 71.48 40.229 0.4245 0.3902 991.461
 R_2 486.775 97.6 96.47 48.24 0.4061 0.4103 571.461
 G_1 489.567 60.75 75.28 43.24 0.3388 0.4199 533.533c
 G_2 380.567 67.49 78.66 81.29 0.2867 0.3488 484.597
 B_1 380.567 60.75 53.47 78.75 0.305 0.281 461.571
 M_1 564.489 92.86 78.86 78.75 0.377 0.3035 533.533
 M_2 380.775 102.37 99.99 81.25 0.3609 0.3525 100%
 N_1 380.775 51.18 49.99 40.62 0.3609 0.3525 50%
 Z_1 380.775 18.42 18.0 14.62 0.3609 0.3525 18%

Parameter:
 Y_{10} & Name
 Lichtart P00
 $Y_{W,10}=100, Y_{N,10}=50$

BGO91-6A

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

$A_{2,10} = 2.5 (a_{2,10} - a_{2,20}) Y_{10}$
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,20}) Y_{10}$
 $a_{2,10} = a_{20} [(x_{10} - x_c) / Y_{10}]$
 $b_{2,10} = b_{20} [z_{10} / Y_{10}]$
 $a_{20} = 1, b_{20} = -0.4$
 $r_c = 0.110, B_2 = 0.700$
 $C_{AR,2,10} = [A_{2,10} + B_{2,10}]^{2/12}$
6 Oswald-Farben (o)
 von maximalem (m) $C_{AR,2,10}$ im
 linearen Farbraum $(C_{AR,2,10} Y_{10})$

Lichtart Q00, $Y_{W,10}=100, Y_{N,10}=50$

Name Bereich $\lambda_{10} \lambda_{10} \lambda_{20} \lambda_{20} \lambda_{30} \lambda_{30} \lambda_{40} \lambda_{40} \lambda_{50} \lambda_{50}$
 R_1 501.725 79.25 69.97 40.229 0.3815 0.3594 991.461
 R_2 486.775 87.6 95.49 62.32 0.3509 0.3891 566.459
 G_1 486.561 57.12 75.62 62.32 0.2931 0.3875 530.530c
 G_2 380.561 67.29 80.17 118.48 0.253 0.3014 481.593
 B_1 380.561 67.29 54.85 114.05 0.2879 0.2384 459.566
 M_1 564.486 90.41 74.52 48.24 0.5110 0.3199 0.2667 530.530
 M_2 380.775 97.65 100.0 118.42 0.3009 0.3163 100%
 N_1 380.775 48.82 50.0 59.21 0.3009 0.3163 50%
 Z_1 380.775 17.57 18.0 21.31 0.3009 0.3163 18%

Parameter:
 Y_{10} & Name
 Lichtart Q00
 $Y_{W,10}=100, Y_{N,10}=50$