

XYZ_{W10}=97.09, 99.99, 104.01 $A_{2,10} = 2.5 (a_{2,10} - a_{2,N10}) Y_{10}$ $B_{2,10} = 2.5 B_1 (b_{2,10} - b_{2,N10}) Y_{10}$ $a_{2,10} = a_{20} [(x_{10} - x_*) / y_{10}]$ $b_{2,10} = b_{20} [z_{10} / y_{10}]$ $a_{20} = 1, b_{20} = -0.4$ $x_* = 0.110, B_1 = 0.800$ $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{1/2}$

6 Oswald-Farben (o)

von maximalem (m) $C_{AB,10}$ linearen Farbraum $(C_{AB,2,10}, Y_{10})$ Lichtart P60, $Y_{W,10}=100, Y_{N,10}=10$

Name Bereich x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}

R₁ 503.775 66.93 47.39 10.5 0.543 0.3815 92.482

G₁ 487.775 81.39 92.89 16.34 0.4269 0.4872 567.460

C₁ 487.563 24.26 55.2 16.34 0.2532 0.5762 528.528

N₁ 300.563 99.97 62.32 104.04 0.1937 0.302 462.992

M₁ 300.487 25.6 17.2 19.99 0.181 0.1221 507.567

M₂ 563.487 82.65 54.9 98.19 0.3505 0.3238 528.528

W₁ 300.775 97.09 99.99 104.04 0.3234 0.3321 100%

N₂ 300.775 9.7 9.99 10.4 0.3234 0.3321 10%

N₃ 300.775 17.47 17.99 18.72 0.3234 0.3321 18%

Parameter:
Y₁₀ & Name
Lichtart P60
Y_{W,10}=100, Y_{N,10}=10

BGK20-1A

XYZ_{W10}=98.51, 99.99, 86.17 $A_{2,10} = 2.5 (a_{2,10} - a_{2,N10}) Y_{10}$ $B_{2,10} = 2.5 B_1 (b_{2,10} - b_{2,N10}) Y_{10}$ $a_{2,10} = a_{20} [(x_{10} - x_*) / y_{10}]$ $b_{2,10} = b_{20} [z_{10} / y_{10}]$ $a_{20} = 1, b_{20} = -0.4$ $x_* = 0.110, B_1 = 1.000$ $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{1/2}$

6 Oswald-Farben (o)

von maximalem (m) $C_{AB,10}$ linearen Farbraum $(C_{AB,2,10}, Y_{10})$ Lichtart P50, $Y_{W,10}=100, Y_{N,10}=10$

Name Bereich x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}

R₁ 465.775 66.6 44.5 10.5 0.554 0.373 40.2

G₁ 489.565 28.83 59.14 13.71 0.2835 0.5815 534.534

C₁ 300.569 41.66 65.46 86.17 0.2154 0.339 461.997

N₁ 300.489 22.76 16.52 81.16 0.1899 0.1371 461.997

M₁ 560.489 78.63 50.86 81.16 0.379 0.2406 534.534

W₁ 300.775 98.51 99.99 86.17 0.346 0.3512 100%

N₂ 300.775 9.85 9.99 8.61 0.346 0.3512 10%

N₃ 300.775 17.73 17.99 15.53 0.346 0.3512 18%

Parameter:
Y₁₀ & Name
Lichtart P50
Y_{W,10}=100, Y_{N,10}=10

BGK20-3A

XYZ_{W10}=101.75, 100.0, 64.44 $A_{2,10} = 2.5 (a_{2,10} - a_{2,N10}) Y_{10}$ $B_{2,10} = 2.5 B_1 (b_{2,10} - b_{2,N10}) Y_{10}$ $a_{2,10} = a_{20} [(x_{10} - x_*) / y_{10}]$ $b_{2,10} = b_{20} [z_{10} / y_{10}]$ $a_{20} = 1, b_{20} = -0.4$ $x_* = 0.110, B_1 = 1.300$ $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{1/2}$

6 Oswald-Farben (o)

von maximalem (m) $C_{AB,10}$ linearen Farbraum $(C_{AB,2,10}, Y_{10})$ Lichtart P40, $Y_{W,10}=100, Y_{N,10}=10$

Name Bereich x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}

R₁ 450.775 74.46 49.15 10.5 0.724 0.3775 461.997

G₁ 492.775 92.34 94.1 9.87 0.4703 0.4793 572.465

C₁ 492.569 28.16 55.09 9.87 0.3024 0.5915 535.535

N₁ 300.569 37.57 60.99 64.45 0.2304 0.3741 487.997

M₁ 300.492 19.69 16.0 61.08 0.2034 0.1653 465.572

M₂ 590.492 83.87 55.01 61.08 0.4594 0.2773 535.535

W₁ 300.775 101.75 100.0 64.44 0.3822 0.3756 100%

N₂ 300.775 10.17 10.0 6.44 0.3822 0.3756 10%

N₃ 300.775 18.31 18.0 11.6 0.3822 0.3756 18%

Parameter:
Y₁₀ & Name
Lichtart P40
Y_{W,10}=100, Y_{N,10}=10

BGK20-5A

XYZ_{W10}=109.29, 99.99, 39.19 $A_{2,10} = 2.5 (a_{2,10} - a_{2,N10}) Y_{10}$ $B_{2,10} = 2.5 B_1 (b_{2,10} - b_{2,N10}) Y_{10}$ $a_{2,10} = a_{20} [(x_{10} - x_*) / y_{10}]$ $b_{2,10} = b_{20} [z_{10} / y_{10}]$ $a_{20} = 1, b_{20} = -0.4$ $x_* = 0.110, B_1 = 2.500$ $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{1/2}$

6 Oswald-Farben (o)

von maximalem (m) $C_{AB,10}$ linearen Farbraum $(C_{AB,2,10}, Y_{10})$ Lichtart P30, $Y_{W,10}=100, Y_{N,10}=10$

Name Bereich x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}

R₁ 574.775 82.31 50.69 3.95 0.6015 0.3989 569.467

G₁ 497.574 37.33 54.53 5.9 0.3488 0.5873 542.542

C₁ 300.574 37.32 59.41 39.2 0.2772 0.4354 491.602

N₁ 300.497 16.53 15.08 37.25 0.24 0.219 469.577

M₁ 574.497 89.81 55.67 37.25 0.4954 0.3077 542.542

W₁ 300.775 109.29 99.99 39.19 0.4308 0.4024 100%

N₂ 300.775 10.92 9.99 3.91 0.4308 0.4024 10%

N₃ 300.775 17.97 17.99 7.05 0.4308 0.4024 18%

Parameter:
Y₁₀ & Name
Lichtart P30
Y_{W,10}=100, Y_{N,10}=10

BGK20-7A

XYZ_{W10}=97.65, 100.0, 95.55 $A_{2,10} = 2.5 (a_{2,10} - a_{2,N10}) Y_{10}$ $B_{2,10} = 2.5 B_1 (b_{2,10} - b_{2,N10}) Y_{10}$ $a_{2,10} = a_{20} [(x_{10} - x_*) / y_{10}]$ $b_{2,10} = b_{20} [z_{10} / y_{10}]$ $a_{20} = 1, b_{20} = -0.4$ $x_* = 0.110, B_1 = 0.900$ $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{1/2}$

6 Oswald-Farben (o)

von maximalem (m) $C_{AB,10}$ linearen Farbraum $(C_{AB,2,10}, Y_{10})$ Lichtart P55, $Y_{W,10}=100, Y_{N,10}=10$

Name Bereich x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}

R₁ 564.775 68.21 47.29 9.63 0.5419 0.3813 93.9

G₁ 488.775 83.33 93.29 15.22 0.4343 0.4862 568.460

C₁ 488.564 24.97 55.39 15.22 0.2612 0.5794 529.528

N₁ 300.564 99.31 62.11 95.56 0.1995 0.3153 483.993

M₁ 300.488 24.19 16.81 19.98 0.1847 0.1763 499.567

M₂ 564.488 82.55 54.71 89.98 0.3632 0.2407 529.528

W₁ 300.775 97.65 100.0 95.55 0.333 0.341 100%

N₂ 300.775 9.76 10.0 9.55 0.333 0.341 10%

N₃ 300.775 17.57 18.0 17.19 0.333 0.341 18%

Parameter:
Y₁₀ & Name
Lichtart P55
Y_{W,10}=100, Y_{N,10}=10

BGK20-2A

XYZ_{W10}=99.8, 100.0, 75.8 $A_{2,10} = 2.5 (a_{2,10} - a_{2,N10}) Y_{10}$ $B_{2,10} = 2.5 B_1 (b_{2,10} - b_{2,N10}) Y_{10}$ $a_{2,10} = a_{20} [(x_{10} - x_*) / y_{10}]$ $b_{2,10} = b_{20} [z_{10} / y_{10}]$ $a_{20} = 1, b_{20} = -0.4$ $x_* = 0.110, B_1 = 1.100$ $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{1/2}$

6 Oswald-Farben (o)

von maximalem (m) $C_{AB,10}$ linearen Farbraum $(C_{AB,2,10}, Y_{10})$ Lichtart P45, $Y_{W,10}=100, Y_{N,10}=10$

Name Bereich x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}

R₁ 467.775 68.4 47.34 7.65 0.5493 0.3813 93.9

G₁ 490.775 88.57 92.93 10.81 0.4605 0.4833 571.465

C₁ 490.567 27.82 55.69 10.81 0.2949 0.5903 536.536

N₁ 300.567 39.06 62.76 75.8 0.2198 0.3533 485.997

M₁ 300.490 23.31 17.17 72.65 0.1997 0.1543 465.571

M₂ 567.490 82.06 54.41 72.65 0.3923 0.2502 536.536

W₁ 300.775 99.8 100.0 75.8 0.3621 0.3628 100%

N₂ 300.775 9.98 10.0 7.58 0.3621 0.3628 10%

N₃ 300.775 17.96 18.0 13.64 0.3621 0.3628 18%

Parameter:
Y₁₀ & Name
Lichtart P45
Y_{W,10}=100, Y_{N,10}=10

BGK20-4A

XYZ_{W10}=104.71, 99.99, 52.16 $A_{2,10} = 2.5 (a_{2,10} - a_{2,N10}) Y_{10}$ $B_{2,10} = 2.5 B_1 (b_{2,10} - b_{2,N10}) Y_{10}$ $a_{2,10} = a_{20} [(x_{10} - x_*) / y_{10}]$ $b_{2,10} = b_{20} [z_{10} / y_{10}]$ $a_{20} = 1, b_{20} = -0.4$ $x_* = 0.110, B_1 = 1.800$ $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{1/2}$

6 Oswald-Farben (o)

von maximalem (m) $C_{AB,10}$ linearen Farbraum $(C_{AB,2,10}, Y_{10})$ Lichtart P35, $Y_{W,10}=100, Y_{N,10}=10$

Name Bereich x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}

R₁ 475.775 75.87 47.37 5.81 0.5977 0.3813 93.9

G₁ 494.775 92.24 94.82 8.32 0.4854 0.4734 574.466

C₁ 494.571 32.14 57.54 8.32 0.3282 0.5876 540.540

N₁ 300.571 39.62 62.73 52.16 0.2564 0.4593 489.601

M₁ 300.494 18.05 15.28 49.2 0.2187 0.1851 466.574

M₂ 591.494 83.15 52.56 49.2 0.4498 0.2842 540.540

W₁ 300.775 104.71 99.99 52.16 0.4076 0.3892 100%

N₂ 300.775 10.47 9.99 5.21 0.4076 0.3892 10%

N₃ 300.775 18.84 17.99 9.38 0.4076 0.3892 18%

Parameter:
Y₁₀ & Name
Lichtart P35
Y_{W,10}=100, Y_{N,10}=10

BGK20-6A

XYZ_{W10}=116.54, 99.99, 26.13 $A_{2,10} = 2.5 (a_{2,10} - a_{2,N10}) Y_{10}$ $B_{2,10} = 2.5 B_1 (b_{2,10} - b_{2,N10}) Y_{10}$ $a_{2,10} = a_{20} [(x_{10} - x_*) / y_{10}]$ $b_{2,10} = b_{20} [z_{10} / y_{10}]$ $a_{20} = 1, b_{20} = -0.4$ $x_* = 0.110, B_1 = 3.700$ $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{1/2}$

6 Oswald-Farben (o)

von maximalem (m) $C_{AB,10}$ linearen Farbraum $(C_{AB,2,10}, Y_{10})$ Lichtart P25, $Y_{W,10}=100, Y_{N,10}=10$

Name Bereich x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}

R₁ 578.775 89.18 52.06 2.63 0.6197 0.3819 605.605

G₁ 500.775 113.02 95.19 3.75 0.5332 0.449 580.473

C₁ 500.578 35.63 53.22 3.75 0.3847 0.5747 547.547

N₁ 300.578 39.16 58.04 26.14 0.3175 0.4705 495.605

M₁ 300.500 15.3 14.93 25.02 0.2706 0.2699 473.580

M₂ 590.500 82.09 56.88 25.02 0.5308 0.3257 547.547

W₁ 300.775 116.54 99.99 26.13 0.4802 0.412 100%

N₂ 300.775 11.65 9.99 2.61 0.4802 0.412 10%

N₃ 300.775 20.97 17.99 4.7 0.4802 0.412 18%

Parameter:
Y₁₀ & Name
Lichtart P25
Y_{W,10}=100, Y_{N,10}=10

BGK20-8A

BGK20-7R