

Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/BGN9/BGN9L0NP.PDF / .PS
 Technische Information: http://farbe.li.tu-berlin.de oder http://farbe.li.tu-berlin.de/

TUB-Registrierung: 20220301-BGN9/BGN9L0NP.PDF / .PS TUB-Material: Code=rh4ta
 Anwendung für Beurteilung und Messung von Display- oder Druck-Ausgabe

BGN90-1A

$XYZ_w=95.04, 100.0, 108.89$
 $A_1 = 2.5(a_1 - a_2) Y$
 $B_1 = 2.5 B_2 (b_2 - b_2) Y$
 $a_2 = a_{20} [(x - x_0) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_0 = 0.110, B_2 = 0.800$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearen Farbraum ($C_{AB,2} Y$)
 Lichtart D65, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 570.775 80.72 70.07 41.35 0.42 0.3646 596 491
 Y_1 496.775 86.17 97.06 43.58 0.3899 0.4214 573 468
 Z_1 496.507 56.74 77.29 47.91 0.2927 0.4064 535 536
 C_1 380.570 64.05 80.07 82.51 0.2816 0.3314 489 596
 B_1 380.493 56.57 53.96 105.70 0.2316 0.463 570
 M_1 567.493 86.38 71.19 105.94 0.2372 0.2729 536 538
 W_1 380.775 95.04 100.0 108.89 0.3127 0.329 100%
 N_1 380.775 47.52 50.0 54.44 0.3127 0.3585 50%
 Z_1 380.775 17.18 18.0 18.6 0.3127 0.329 18%

Parameter:
 Y & Name
 Lichtart D65
 $Y_w=100, Y_N=50$

BGN91-1A

$XYZ_w=96.42, 100.0, 82.49$
 $A_1 = 2.5(a_1 - a_2) Y$
 $B_1 = 2.5 B_2 (b_2 - b_2) Y$
 $a_2 = a_{20} [(x - x_0) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_0 = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearen Farbraum ($C_{AB,2} Y$)
 Lichtart D65, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 570.775 80.72 70.07 41.35 0.42 0.3646 596 491
 Y_1 496.775 86.17 97.06 43.58 0.3899 0.4214 573 468
 Z_1 496.507 56.74 77.29 47.91 0.2927 0.4064 535 536
 C_1 380.570 64.05 80.07 82.51 0.2816 0.3314 489 596
 B_1 380.493 56.57 53.96 105.70 0.2316 0.463 570
 M_1 567.493 86.38 71.19 105.94 0.2372 0.2729 536 538
 W_1 380.775 96.42 100.0 82.49 0.3457 0.3585 100%
 N_1 380.775 47.52 50.0 54.44 0.3127 0.3585 50%
 Z_1 380.775 17.18 18.0 18.6 0.3127 0.329 18%

Parameter:
 Y & Name
 Lichtart D65
 $Y_w=100, Y_N=50$

BGN90-2A

$XYZ_w=100.93, 100.0, 64.68$
 $A_1 = 2.5(a_1 - a_2) Y$
 $B_1 = 2.5 B_2 (b_2 - b_2) Y$
 $a_2 = a_{20} [(x - x_0) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_0 = 0.110, B_2 = 1.300$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearen Farbraum ($C_{AB,2} Y$)
 Lichtart P40, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 573.775 85.62 70.05 32.41 0.4537 0.3743 600 493
 Y_1 498.775 95.81 97.72 34.43 0.4202 0.4286 576 468
 Z_1 498.573 67.71 54.21 45.25 0.4477 0.401 540
 C_1 380.579 70.0 78.56 85.37 0.3811 0.4266 499 600
 B_1 380.498 57.52 52.42 102.6 0.3262 0.3608 488 576
 M_1 573.498 96.79 72.97 62.71 0.4008 0.3222 548 540
 W_1 380.775 100.93 100.0 64.68 0.3799 0.3764 100%
 N_1 380.775 50.46 50.0 23.24 0.3799 0.3764 50%
 Z_1 380.775 18.16 18.0 11.64 0.3799 0.3764 18%

Parameter:
 Y & Name
 Lichtart P40
 $Y_w=100, Y_N=50$

BGN91-2A

$XYZ_w=109.84, 99.99, 35.58$
 $A_1 = 2.5(a_1 - a_2) Y$
 $B_1 = 2.5 B_2 (b_2 - b_2) Y$
 $a_2 = a_{20} [(x - x_0) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_0 = 0.110, B_2 = 2.500$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearen Farbraum ($C_{AB,2} Y$)
 Lichtart A00, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 579.775 94.93 70.05 17.84 0.4537 0.3812 605 499
 Y_1 504.775 107.21984 18.99 0.4781 0.4371 581 474
 Z_1 504.599 67.71 54.21 45.25 0.4477 0.401 540
 C_1 380.573 65.92 79.49 64.69 0.3137 0.3783 493 600
 B_1 380.498 57.52 52.42 102.6 0.3262 0.3608 488 576
 M_1 573.498 96.79 72.97 62.71 0.4008 0.3222 548 540
 W_1 380.775 109.84 99.99 35.58 0.4475 0.4074 100%
 N_1 380.775 54.92 49.99 17.79 0.4475 0.4074 50%
 Z_1 380.775 19.77 17.99 6.4 0.4475 0.4074 18%

Parameter:
 Y & Name
 Lichtart A00
 $Y_w=100, Y_N=50$

BGN90-3A

$XYZ_w=100.0, 100.0, 100.0$
 $A_1 = 2.5(a_1 - a_2) Y$
 $B_1 = 2.5 B_2 (b_2 - b_2) Y$
 $a_2 = a_{20} [(x - x_0) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_0 = 0.110, B_2 = 0.900$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearen Farbraum ($C_{AB,2} Y$)
 Lichtart E00, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 567.775 82.79 70.26 50.12 0.4074 0.3488 598 487
 Y_1 492.775 88.31 97.06 43.58 0.3899 0.3912 571 463
 Z_1 492.507 57.75 77.29 47.91 0.2918 0.3918 538 536
 C_1 380.567 67.05 80.08 118.25 0.2517 0.3023 487 598
 B_1 380.494 58.41 52.69 107.05 0.2806 0.2331 463 573
 M_1 570.494 91.1 72.85 97.07 0.349 0.2791 536 536
 W_1 380.775 100.0 100.0 100.0 0.3333 0.3333 100%
 N_1 380.775 50.0 50.0 0.3333 0.3333 50%
 Z_1 380.775 18.0 18.0 0.3333 0.3333 18%

Parameter:
 Y & Name
 Lichtart E00
 $Y_w=100, Y_N=50$

BGN91-3A

$XYZ_w=100.0, 100.0, 100.0$
 $A_1 = 2.5(a_1 - a_2) Y$
 $B_1 = 2.5 B_2 (b_2 - b_2) Y$
 $a_2 = a_{20} [(x - x_0) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_0 = 0.110, B_2 = 0.900$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearen Farbraum ($C_{AB,2} Y$)
 Lichtart E00, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 570.775 82.79 70.26 50.12 0.4074 0.3488 598 487
 Y_1 492.775 88.31 97.06 43.58 0.3899 0.3912 571 463
 Z_1 492.507 57.75 77.29 47.91 0.2918 0.3918 538 536
 C_1 380.570 67.05 79.88 105.02 0.2724 0.323 489 598
 B_1 380.494 58.41 52.69 107.05 0.2806 0.2331 463 573
 M_1 570.494 91.1 72.85 97.07 0.349 0.2791 536 536
 W_1 380.775 100.0 100.0 100.0 0.3333 0.3333 100%
 N_1 380.775 49.03 50.0 59.11 0.31 0.3161 50%
 Z_1 380.775 17.65 18.0 0.31 0.3161 18%

Parameter:
 Y & Name
 Lichtart E00
 $Y_w=100, Y_N=50$

BGN90-5A

$XYZ_w=102.06, 100.0, 81.06$
 $A_1 = 2.5(a_1 - a_2) Y$
 $B_1 = 2.5 B_2 (b_2 - b_2) Y$
 $a_2 = a_{20} [(x - x_0) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_0 = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearen Farbraum ($C_{AB,2} Y$)
 Lichtart P00, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 572.775 85.59 70.37 40.63 0.4533 0.3799 600 491
 Y_1 496.775 95.45 97.28 42.56 0.4056 0.4314 575 467
 Z_1 496.572 69.99 77.01 42.54 0.3738 0.4265 541 541
 C_1 380.572 67.05 82.06 118.90 0.2517 0.3023 487 598
 B_1 380.496 57.58 52.86 79.14 0.3048 0.2784 467 575
 M_1 572.496 92.6 73.13 79.17 0.3772 0.341 541 541
 W_1 380.775 102.06 100.0 81.06 0.3604 0.3511 100%
 N_1 380.775 51.03 50.0 40.53 0.3604 0.3511 50%
 Z_1 380.775 18.37 18.0 14.59 0.3604 0.3511 18%

Parameter:
 Y & Name
 Lichtart P00
 $Y_w=100, Y_N=50$

BGN91-5A

$XYZ_w=97.93, 100.0, 118.95$
 $A_1 = 2.5(a_1 - a_2) Y$
 $B_1 = 2.5 B_2 (b_2 - b_2) Y$
 $a_2 = a_{20} [(x - x_0) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_0 = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearen Farbraum ($C_{AB,2} Y$)
 Lichtart Q00, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 567.775 82.79 70.26 50.12 0.4074 0.3488 598 487
 Y_1 492.775 88.31 97.06 43.58 0.3899 0.3912 571 463
 Z_1 492.507 57.75 77.29 47.91 0.2918 0.3918 538 536
 C_1 380.572 67.05 80.08 118.25 0.2517 0.3023 487 598
 B_1 380.494 58.41 52.69 107.05 0.2806 0.2331 463 573
 M_1 570.494 91.1 72.85 97.07 0.349 0.2791 536 536
 W_1 380.775 100.0 100.0 100.0 0.3333 0.3333 100%
 N_1 380.775 49.03 50.0 59.11 0.31 0.3161 50%
 Z_1 380.775 17.65 18.0 0.31 0.3161 18%

Parameter:
 Y & Name
 Lichtart Q00
 $Y_w=100, Y_N=50$

BGN90-7A

$XYZ_w=102.06, 100.0, 81.06$
 $A_1 = 2.5(a_1 - a_2) Y$
 $B_1 = 2.5 B_2 (b_2 - b_2) Y$
 $a_2 = a_{20} [(x - x_0) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_0 = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearen Farbraum ($C_{AB,2} Y$)
 Lichtart P00, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 572.775 85.59 70.37 40.63 0.4533 0.3799 600 491
 Y_1 496.775 95.45 97.28 42.56 0.4056 0.4314 575 467
 Z_1 496.572 69.99 77.01 42.54 0.3738 0.4265 541 541
 C_1 380.572 67.05 82.06 118.90 0.2517 0.3023 487 598
 B_1 380.496 57.58 52.86 79.14 0.3048 0.2784 467 575
 M_1 572.496 92.6 73.13 79.17 0.3772 0.341 541 541
 W_1 380.775 102.06 100.0 81.06 0.3604 0.3511 100%
 N_1 380.775 51.03 50.0 40.53 0.3604 0.3511 50%
 Z_1 380.775 18.37 18.0 14.59 0.3604 0.3511 18%

Parameter:
 Y & Name
 Lichtart P00
 $Y_w=100, Y_N=50$

BGN91-7A

$XYZ_w=102.06, 100.0, 81.06$
 $A_1 = 2.5(a_1 - a_2) Y$
 $B_1 = 2.5 B_2 (b_2 - b_2) Y$
 $a_2 = a_{20} [(x - x_0) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_0 = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearen Farbraum ($C_{AB,2} Y$)
 Lichtart P00, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 572.775 85.59 70.37 40.63 0.4533 0.3799 600 491
 Y_1 496.775 95.45 97.28 42.56 0.4056 0.4314 575 467
 Z_1 496.572 69.99 77.01 42.54 0.3738 0.4265 541 541
 C_1 380.572 67.05 82.06 118.90 0.2517 0.3023 487 598
 B_1 380.496 57.58 52.86 79.14 0.3048 0.2784 467 575
 M_1 572.496 92.6 73.13 79.17 0.3772 0.341 541 541
 W_1 380.775 102.06 100.0 81.06 0.3604 0.3511 100%
 N_1 380.775 49.03 50.0 59.11 0.31 0.3161 50%
 Z_1 380.775 17.65 18.0 14.59 0.3604 0.3511 18%

Parameter:
 Y & Name
 Lichtart P00
 $Y_w=100, Y_N=50$