

Siehe ähnliche Dateien: <http://farbe.li.tu-berlin.de/BGH4/BGH4L0NA.TXT> / PS
Technische Information: <http://farbe.li.tu-berlin.de> oder <http://farbe.li.tu-berlin.de/>

TUB-Registrierung: 20220301-BGH4/BGH4L0NA.TXT / PS TUB-Material: Code=rh4tla
Anwendung für Beurteilung und Messung von Display- oder Druck-Ausgabe

BGH40-1A

$XYZ_w=97.06, 99.99, 104.57$
 $A_1 = 2.5(a_1 - a_{1w}) Y$
 $B_1 = 2.5 B_1 (b_1 - b_{1w}) Y$
 $a_1 = a_{20} [(x - x_c) / y]$
 $b_1 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 1.000$
 $C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB} im
 Buntwertdiagramm (A_1, B_1)
 Lichtart P60, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 568.775 79.97 70.08 52.41 0.3949 0.3461 596.489
 R_2 494.775 88.45 97.41 55.59 0.3664 0.4052 571.463
 R_3 494.568 57.1 77.55 45.57 0.3005 0.407 535.536
 C_1 380.589 65.77 80.06 10.46 0.2626 0.3197 489.596
 C_2 380.494 57.29 52.8 10.41 0.2708 0.2496 463.571
 M_1 568.494 86.72 72.79 101.40 0.4337 0.2769 635.535
 M_2 380.775 97.06 99.99 104.57 0.3218 0.3315 100%
 N_1 380.775 48.53 49.99 52.28 0.3218 0.3315 50%
 Z_1 380.775 17.47 17.99 18.82 0.3218 0.3315 18%

BGH40-2A

$XYZ_w=97.45, 100.0, 95.98$
 Parameter:
 Y & Name
 Lichtart P55
 $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 569.775 80.8 70.17 48.11 0.4588 0.3524 597.490
 R_2 494.775 88.45 97.41 55.59 0.3763 0.4052 571.463
 R_3 494.568 57.1 77.55 45.57 0.3008 0.4158 536
 C_1 380.589 65.77 80.06 10.46 0.2626 0.3197 489.596
 C_2 380.494 57.29 52.8 10.41 0.2708 0.2496 463.571
 M_1 568.494 86.72 72.79 101.40 0.4341 0.2859 635.535
 M_2 380.775 97.45 100.0 95.98 0.3321 0.3407 100%
 N_1 380.775 48.52 50.0 47.99 0.3321 0.3407 50%
 Z_1 380.775 17.54 18.0 17.27 0.3321 0.3407 18%

BGH41-1A

$XYZ_w=97.06, 99.99, 104.57$
 $A_2 = 2.5(a_2 - a_{2w}) Y$
 $B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 0.800$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB} im
 Buntwertdiagramm (A_2, B_2)
 Lichtart P60, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 568.775 79.97 70.08 52.41 0.3949 0.3461 596.489
 R_2 494.775 88.45 97.41 55.59 0.3664 0.4052 571.463
 R_3 494.568 57.1 77.55 45.57 0.3005 0.407 535.536
 C_1 380.589 65.77 80.06 10.46 0.2626 0.3197 489.596
 C_2 380.494 57.29 52.8 10.41 0.2708 0.2496 463.571
 M_1 568.494 86.72 72.79 101.40 0.4337 0.2769 635.535
 M_2 380.775 97.06 99.99 104.57 0.3218 0.3315 100%
 N_1 380.775 48.53 49.99 52.28 0.3218 0.3315 50%
 Z_1 380.775 17.47 17.99 18.82 0.3218 0.3315 18%

BGH41-2A

$XYZ_w=97.45, 100.0, 95.98$
 Parameter:
 Y & Name
 Lichtart P55
 $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 569.775 80.8 70.17 48.11 0.4588 0.3524 597.490
 R_2 494.775 88.45 97.41 55.59 0.3763 0.4052 571.463
 R_3 494.568 57.1 77.55 45.57 0.3008 0.4158 536
 C_1 380.589 65.77 80.06 10.46 0.2626 0.3197 489.596
 C_2 380.494 57.29 52.8 10.41 0.2708 0.2496 463.571
 M_1 568.494 86.72 72.79 101.40 0.4341 0.2859 635.535
 M_2 380.775 97.45 100.0 95.98 0.3321 0.3407 100%
 N_1 380.775 48.52 50.0 47.99 0.3321 0.3407 50%
 Z_1 380.775 17.54 18.0 17.27 0.3321 0.3407 18%

BGH40-3A

$XYZ_w=98.12, 100.0, 86.5$
 $A_1 = 2.5(a_1 - a_{1w}) Y$
 $B_1 = 2.5 B_1 (b_1 - b_{1w}) Y$
 $a_1 = a_{20} [(x - x_c) / y]$
 $b_1 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 1.000$
 $C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB} im
 Buntwertdiagramm (A_1, B_1)
 Lichtart P50, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 570.775 80.21 68.13 43.35 0.4184 0.3554 601.491
 R_2 495.775 91.07 97.01 45.35 0.3901 0.4155 573.467
 R_3 495.570 60.02 78.08 45.33 0.3256 0.4284 542.542
 C_1 380.572 68.12 80.21 86.52 0.2898 0.3164 492.601
 C_2 380.495 58.26 53.13 84.52 0.2901 0.2739 467.573
 M_1 570.495 87.3 71.18 145.4 0.3592 0.2628 625.542
 M_2 380.775 98.12 100.0 86.5 0.3447 0.3513 100%
 N_1 380.775 49.06 50.0 43.25 0.3447 0.3513 50%
 Z_1 380.775 17.66 18.0 15.57 0.3447 0.3513 18%

BGH40-4A

$XYZ_w=99.2, 100.0, 76.07$
 Parameter:
 Y & Name
 Lichtart P45
 $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 572.775 82.76 69.54 38.13 0.4184 0.3554 601.491
 R_2 497.775 93.07 97.01 45.35 0.4034 0.4232 574.462
 R_3 495.570 60.02 78.08 45.33 0.3256 0.4284 542.542
 C_1 380.572 68.12 80.21 86.52 0.2898 0.3164 492.601
 C_2 380.495 58.26 53.13 84.52 0.2901 0.2739 467.573
 M_1 572.495 87.3 71.18 145.4 0.3782 0.2609 641.541
 M_2 380.775 99.2 100.0 76.07 0.3603 0.3632 100%
 N_1 380.775 49.06 50.0 38.03 0.3603 0.3632 50%
 Z_1 380.775 17.85 18.0 13.69 0.3603 0.3632 18%

BGH41-3A

$XYZ_w=98.12, 100.0, 86.5$
 $A_2 = 2.5(a_2 - a_{2w}) Y$
 $B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.000$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB} im
 Buntwertdiagramm (A_2, B_2)
 Lichtart P50, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 572.775 80.21 68.13 43.35 0.4184 0.3554 601.491
 R_2 497.775 93.07 97.01 45.35 0.4034 0.4232 574.462
 R_3 495.570 60.02 78.08 45.33 0.3256 0.4284 542.542
 C_1 380.572 68.12 80.21 86.52 0.2898 0.3164 492.601
 C_2 380.495 58.26 53.13 84.52 0.2901 0.2739 467.573
 M_1 570.495 87.3 71.18 145.4 0.3592 0.2628 625.542
 M_2 380.775 98.12 100.0 86.5 0.3447 0.3513 100%
 N_1 380.775 49.06 50.0 43.25 0.3447 0.3513 50%
 Z_1 380.775 17.66 18.0 15.57 0.3447 0.3513 18%

BGH41-4A

$XYZ_w=99.2, 100.0, 76.07$
 Parameter:
 Y & Name
 Lichtart P45
 $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 572.775 82.76 69.54 38.13 0.4184 0.3554 601.491
 R_2 497.775 93.07 97.01 45.35 0.4034 0.4232 574.462
 R_3 495.570 60.02 78.08 45.33 0.3256 0.4284 542.542
 C_1 380.572 68.12 80.21 86.52 0.2898 0.3164 492.601
 C_2 380.495 58.26 53.13 84.52 0.2901 0.2739 467.573
 M_1 572.495 87.3 71.18 145.4 0.3782 0.2609 641.541
 M_2 380.775 99.2 100.0 76.07 0.3603 0.3632 100%
 N_1 380.775 49.06 50.0 38.03 0.3603 0.3632 50%
 Z_1 380.775 17.85 18.0 13.69 0.3603 0.3632 18%

BGH40-5A

$XYZ_w=100.93, 100.0, 64.68$
 $A_1 = 2.5(a_1 - a_{1w}) Y$
 $B_1 = 2.5 B_1 (b_1 - b_{1w}) Y$
 $a_1 = a_{20} [(x - x_c) / y]$
 $b_1 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 1.000$
 $C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB} im
 Buntwertdiagramm (A_1, B_1)
 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 70.23 32.43 0.4537 0.3743 600.493
 R_2 498.775 95.81 97.72 34.41 0.4202 0.2486 576.468
 R_3 498.573 60.78 71.17 34.41 0.3258 0.4477 540.548
 C_1 380.573 65.92 79.49 44.69 0.3137 0.3783 493.600
 C_2 380.500 56.05 52.82 62.69 0.3262 0.3068 468.576
 M_1 573.498 90.79 72.97 62.71 0.4008 0.3222 546.548
 M_2 380.775 100.93 100.0 64.68 0.3799 0.3764 100%
 N_1 380.775 50.46 50.0 32.34 0.3799 0.3764 50%
 Z_1 380.775 18.16 18.0 11.64 0.3799 0.3764 18%

BGH40-6A

$XYZ_w=103.66, 99.99, 52.43$
 Parameter:
 Y & Name
 Lichtart P35
 $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 573.775 86.85 68.88 26.28 0.4708 0.3787 605.492
 R_2 498.775 96.86 97.71 27.49 0.4202 0.2486 576.468
 R_3 498.573 60.78 71.17 34.41 0.3258 0.4477 540.548
 C_1 380.573 65.92 79.49 44.69 0.3137 0.3783 493.600
 C_2 380.500 56.05 52.82 62.69 0.3262 0.3068 468.576
 M_1 573.498 90.79 72.97 62.71 0.4008 0.3222 546.548
 M_2 380.775 103.66 100.0 52.43 0.3799 0.3764 100%
 N_1 380.775 51.83 49.99 26.21 0.4047 0.3904 50%
 Z_1 380.775 18.66 18.0 9.43 0.4047 0.3904 18%

BGH41-5A

$XYZ_w=100.93, 100.0, 64.68$
 $A_2 = 2.5(a_2 - a_{2w}) Y$
 $B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.000$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB} im
 Buntwertdiagramm (A_2, B_2)
 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 70.23 32.43 0.4537 0.3743 600.493
 R_2 498.775 95.81 97.72 34.41 0.4202 0.2486 576.468
 R_3 498.573 60.78 71.17 34.41 0.3258 0.4477 540.548
 C_1 380.573 65.92 79.49 44.69 0.3137 0.3783 493.600
 C_2 380.500 56.05 52.82 62.69 0.3262 0.3068 468.576
 M_1 573.498 90.79 72.97 62.71 0.4008 0.3222 546.548
 M_2 380.775 100.93 100.0 64.68 0.3799 0.3764 100%
 N_1 380.775 51.83 49.99 26.21 0.4047 0.3904 50%
 Z_1 380.775 18.16 18.0 11.64 0.3799 0.3764 18%

BGH41-6A

$XYZ_w=103.66, 99.99, 52.43$
 Parameter:
 Y & Name
 Lichtart P35
 $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 573.775 86.85 68.88 26.28 0.4708 0.3787 605.492
 R_2 498.775 96.86 97.71 27.49 0.4202 0.2486 576.468
 R_3 498.573 60.78 71.17 34.41 0.3258 0.4477 540.548
 C_1 380.573 65.92 79.49 44.69 0.3137 0.3783 493.600
 C_2 380.500 56.05 52.82 62.69 0.3262 0.3068 468.576
 M_1 573.498 90.79 72.97 62.71 0.4008 0.3222 546.548
 M_2 380.775 103.66 100.0 52.43 0.3799 0.3764 100%
 N_1 380.775 51.83 49.99 26.21 0.4047 0.3904 50%
 Z_1 380.775 18.66 18.0 9.43 0.4047 0.3904 18%

BGH40-7A

$XYZ_w=108.04, 100.0, 39.55$
 $A_1 = 2.5(a_1 - a_{1w}) Y$
 $B_1 = 2.5 B_1 (b_1 - b_{1w}) Y$
 $a_1 = a_{20} [(x - x_c) / y]$
 $b_1 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 1.000$
 $C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB} im
 Buntwertdiagramm (A_1, B_1)
 Lichtart P30, $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 578.775 93.17 71.2 19.83 0.5052 0.3871 604.498
 R_2 503.775 105.07880 21.09 0.4687 0.4371 580.473
 C_1 380.578 66.03 76.7 21.07 0.4031 0.4662 546.546
 C_2 380.500 69.08 78.74 26.49 0.3688 0.4203 498.604
 M_1 580.503 87.14 52.14 38.28 0.3687 0.3533 473.580
 M_2 380.775 108.04 100.0 39.55 0.4623 0.3831 546.546
 N_1 380.775 108.04 100.0 39.55 0.4623 0.3831 100%
 Z_1 380.775 54.02 50.0 19.77 0.4623 0.4038 50%
 Z_2 380.775 19.44 18.0 7.11 0.4623 0.4038 18%

BGH40-8A

$XYZ_w=115.18, 100.0, 26.59$
 Parameter:
 Y & Name
 Lichtart P25
 $Y_w=100, Y_N=50$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$
 R_1 582.775 99.12 71.25 13.34 0.5267 0.3877 608.502
 R_2 506.775 113.299793 14.1 0.5027 0.4346 583.473
 C_1 380.582 71.87 76.8 14.08 0.4415 0.4718 552.582
 C_2 380.578 69.08 78.74 26.49 0.4164 0.414 502.608
 M_1 380.506 59.65 52.14 25.82 0.4332 0.3791 478.580
 M_2 380.506 107.7734 25.84 0.5046 0.3662 552.582
 N_1 380.775 115.18 100.0 26.59 0.476