

Siehe ähnliche Dateien: <http://farbe.li.tu-berlin.de/BGH4/BGH4L0NP.PDF> / .PS  
 Technische Information: <http://farbe.li.tu-berlin.de> oder <http://farbe.li.tu-berlin.de/>

TUB-Registrierung: 20220301-BGH4/BGH4L0NP.PDF / .PS TUB-Material: Code=rh4t4  
 Anwendung für Beurteilung und Messung von Display- oder Druck-Ausgabe

**BGH40-1A**

$XYZ_w=97.06, 99.99, 104.57$   
 $A_1 = 2.5(a_1 - a_{1w}) Y$   
 $B_1 = 2.5 B_1 (b_1 - b_{1w}) Y$   
 $a_1 = a_{20} [(x - x_c) / y]$   
 $b_1 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB1} = [A_1^2 + B_1^2]^{1/2}$   
 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 80.06 104.6 0.2626 0.3197 489.596  
 $C_2$  380.494 57.29 52.8 101.42 0.2708 0.2496 463.571  
 $M_1$  568.494 86.8 72.79 101.40 0.4337 0.2769 535.535  
 $M_2$  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**

$XYZ_w=97.45, 100.0, 95.98$   
 $A_1 = 2.5(a_1 - a_{1w}) Y$   
 $B_1 = 2.5 B_1 (b_1 - b_{1w}) Y$   
 $a_1 = a_{20} [(x - x_c) / y]$   
 $b_1 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB1} = [A_1^2 + B_1^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_1, B_1$ )  
 Lichtart 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 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 80.06 104.6 0.2626 0.3197 489.596  
 $C_2$  380.494 57.29 52.8 101.42 0.2708 0.2496 463.571  
 $M_1$  568.494 86.8 72.79 101.40 0.4337 0.2769 535.535  
 $M_2$  380.775 97.45 100.0 95.98 0.3218 0.3315 100%  
 $N_1$  380.775 48.53 49.99 52.28 0.3218 0.3315 50%  
 $Z_1$  380.775 17.54 18.0 17.27 0.3218 0.3315 18%

**BGH41-1A**

$XYZ_w=97.06, 99.99, 104.57$   
 $A_2 = 2.5(a_2 - a_{2w}) Y$   
 $B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$   
 $a_2 = a_{20} [(x - x_c) / y]$   
 $b_2 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 0.800$   
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$   
 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 80.06 104.6 0.2626 0.3197 489.596  
 $C_2$  380.494 57.29 52.8 101.42 0.2708 0.2496 463.571  
 $M_1$  568.494 86.8 72.79 101.40 0.4337 0.2769 535.535  
 $M_2$  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**

$XYZ_w=97.45, 100.0, 95.98$   
 $A_2 = 2.5(a_2 - a_{2w}) Y$   
 $B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$   
 $a_2 = a_{20} [(x - x_c) / y]$   
 $b_2 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 0.900$   
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_2, B_2$ )  
 Lichtart 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 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 80.06 104.6 0.2626 0.3197 489.596  
 $C_2$  380.494 57.29 52.8 101.42 0.2708 0.2496 463.571  
 $M_1$  568.494 86.8 72.79 101.40 0.4337 0.2769 535.535  
 $M_2$  380.775 97.45 100.0 95.98 0.3218 0.3315 100%  
 $N_1$  380.775 48.53 49.99 52.28 0.3218 0.3315 50%  
 $Z_1$  380.775 17.54 18.0 17.27 0.3218 0.3315 18%

**BGH40-3A**

$XYZ_w=98.12, 100.0, 86.5$   
 $A_1 = 2.5(a_1 - a_{1w}) Y$   
 $B_1 = 2.5 B_1 (b_1 - b_{1w}) Y$   
 $a_1 = a_{20} [(x - x_c) / y]$   
 $b_1 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB1} = [A_1^2 + B_1^2]^{1/2}$   
 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 0.3541 601.491  
 $R_2$  495.775 91.07 97.01 45.35 0.3901 0.4155 573.467  
 $R_3$  495.570 60.02 78.98 45.33 0.3256 0.4254 542.542  
 $C_1$  380.572 67.12 82.01 86.52 0.2848 0.348 491.601  
 $C_2$  380.495 56.25 52.13 84.52 0.2901 0.2739 467.573  
 $M_1$  570.495 87.3 71.18 44.54 0.3592 0.2625 542.542  
 $M_2$  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**

$XYZ_w=99.2, 100.0, 76.07$   
 $A_1 = 2.5(a_1 - a_{1w}) Y$   
 $B_1 = 2.5 B_1 (b_1 - b_{1w}) Y$   
 $a_1 = a_{20} [(x - x_c) / y]$   
 $b_1 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB1} = [A_1^2 + B_1^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_1, B_1$ )  
 Lichtart 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 0.3541 601.491  
 $R_2$  497.775 93.07 97.01 40.21 0.4034 0.4232 574.467  
 $R_3$  497.570 60.02 78.98 45.33 0.3256 0.4254 542.542  
 $C_1$  380.572 67.12 82.01 86.52 0.2848 0.348 491.601  
 $C_2$  380.495 56.25 52.13 84.52 0.2901 0.2739 467.573  
 $M_1$  572.495 87.3 71.18 44.54 0.3592 0.2625 542.542  
 $M_2$  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**

$XYZ_w=98.12, 100.0, 86.5$   
 $A_2 = 2.5(a_2 - a_{2w}) Y$   
 $B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$   
 $a_2 = a_{20} [(x - x_c) / y]$   
 $b_2 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$   
 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 82.76 69.54 38.13 0.4184 0.3541 601.491  
 $R_2$  497.775 93.07 97.01 40.21 0.4034 0.4232 574.467  
 $R_3$  497.570 60.02 78.98 45.33 0.3256 0.4254 542.542  
 $C_1$  380.572 67.12 82.01 86.52 0.2848 0.348 491.601  
 $C_2$  380.495 56.25 52.13 84.52 0.2901 0.2739 467.573  
 $M_1$  570.495 87.3 71.18 44.54 0.3592 0.2625 542.542  
 $M_2$  380.775 98.12 100.0 86.5 0.3447 0.3513 100%  
 $N_1$  380.775 49.06 50.0 38.03 0.3447 0.3513 50%  
 $Z_1$  380.775 17.66 18.0 15.57 0.3447 0.3513 18%

**BGH41-4A**

$XYZ_w=99.2, 100.0, 76.07$   
 $A_2 = 2.5(a_2 - a_{2w}) Y$   
 $B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$   
 $a_2 = a_{20} [(x - x_c) / y]$   
 $b_2 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.100$   
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_2, B_2$ )  
 Lichtart 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 0.3541 601.491  
 $R_2$  497.775 93.07 97.01 40.21 0.4034 0.4232 574.467  
 $R_3$  497.570 60.02 78.98 45.33 0.3256 0.4254 542.542  
 $C_1$  380.572 67.12 82.01 86.52 0.2848 0.348 491.601  
 $C_2$  380.495 56.25 52.13 84.52 0.2901 0.2739 467.573  
 $M_1$  572.495 87.3 71.18 44.54 0.3592 0.2625 542.542  
 $M_2$  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**

$XYZ_w=100.93, 100.0, 64.68$   
 $A_1 = 2.5(a_1 - a_{1w}) Y$   
 $B_1 = 2.5 B_1 (b_1 - b_{1w}) Y$   
 $a_1 = a_{20} [(x - x_c) / y]$   
 $b_1 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB1} = [A_1^2 + B_1^2]^{1/2}$   
 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 70.25 32.43 0.4537 0.3743 600.493  
 $R_2$  498.775 95.81 97.72 34.4 0.4202 0.4286 576.468  
 $R_3$  498.573 60.78 71.17 34.4 0.3258 0.4477 540.548  
 $C_1$  380.573 65.92 79.49 64.69 0.3137 0.3783 493.605  
 $C_2$  380.500 56.05 52.62 62.69 0.3068 0.408 576  
 $M_1$  498.573 60.78 71.17 34.4 0.3258 0.4477 540.548  
 $M_2$  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**

$XYZ_w=103.66, 99.99, 52.43$   
 $A_1 = 2.5(a_1 - a_{1w}) Y$   
 $B_1 = 2.5 B_1 (b_1 - b_{1w}) Y$   
 $a_1 = a_{20} [(x - x_c) / y]$   
 $b_1 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB1} = [A_1^2 + B_1^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_1, B_1$ )  
 Lichtart 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 85.62 70.25 32.43 0.4537 0.3743 600.493  
 $R_2$  498.775 95.81 97.72 34.4 0.4202 0.4286 576.468  
 $R_3$  498.573 60.78 71.17 34.4 0.3258 0.4477 540.548  
 $C_1$  380.573 65.92 79.49 64.69 0.3137 0.3783 493.605  
 $C_2$  380.500 56.05 52.62 62.69 0.3068 0.408 576  
 $M_1$  498.573 60.78 71.17 34.4 0.3258 0.4477 540.548  
 $M_2$  380.775 103.66 99.99 52.43 0.4047 0.3964 100%  
 $N_1$  380.775 51.83 49.99 26.21 0.4047 0.3964 50%  
 $Z_1$  380.775 18.16 18.0 9.43 0.4047 0.3964 18%

**BGH41-5A**

$XYZ_w=100.93, 100.0, 64.68$   
 $A_2 = 2.5(a_2 - a_{2w}) Y$   
 $B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$   
 $a_2 = a_{20} [(x - x_c) / y]$   
 $b_2 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$   
 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 70.25 32.43 0.4537 0.3743 600.493  
 $R_2$  498.775 95.81 97.72 34.4 0.4202 0.4286 576.468  
 $R_3$  498.573 60.78 71.17 34.4 0.3258 0.4477 540.548  
 $C_1$  380.573 65.92 79.49 64.69 0.3137 0.3783 493.605  
 $C_2$  380.500 56.05 52.62 62.69 0.3068 0.408 576  
 $M_1$  498.573 60.78 71.17 34.4 0.3258 0.4477 540.548  
 $M_2$  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 0.3964 50%  
 $Z_1$  380.775 18.16 18.0 11.64 0.3799 0.3764 18%

**BGH41-6A**

$XYZ_w=103.66, 99.99, 52.43$   
 $A_2 = 2.5(a_2 - a_{2w}) Y$   
 $B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$   
 $a_2 = a_{20} [(x - x_c) / y]$   
 $b_2 = b_{20} [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 0.800$   
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_2, B_2$ )  
 Lichtart 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 85.62 70.25 32.43 0.4537 0.3743 600.493  
 $R_2$  498.775 95.81 97.72 34.4 0.4202 0.4286 576.468  
 $R_3$  498.573 60.78 71.17 34.4 0.3258 0.4477 540.548  
 $C_1$  380.573 65.92 79.49 64.69 0.3137 0.3783 493.605  
 $C_2$  380.500 56.05 52.62 62.69 0.3068 0.408 576  
 $M_1$  498.573 60.78 71.17 34.4 0.3258 0.4477 540.548  
 $M_2$  380.775 103.66 99.99 52.43 0.4047 0.3964 100%  
 $N_1$  380.775 51.83 49.99 26.21 0.4047 0.3964 50%  
 $Z_1$  380.775 18.16 18.0 9.43 0.4047 0.3964 18%

**BGH40-7A**

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