

Siehe ähnliche Dateien: <http://farbe.li.tu-berlin.de/BGH9/BGH9L0NP.PDF> / .PS  
 Technische Information: <http://farbe.li.tu-berlin.de> oder <http://farbe.li.tu-berlin.de/>

TUB-Registrierung: 20220301-BGH9/BGH9L0NP.PDF / .PS TUB-Material: Code=rh4ta  
 Anwendung für Beurteilung und Messung von Display- oder Druck-Ausgabe

**BGH90-1A**

$XYZ_w=95.04, 100.0, 108.89$   
 $A_1 = 2.5(a_1 - a_{1w}) Y$   
 $B_1 = 2.5(b_1 - b_{1w}) Y$   
 $a_1 = a_{20} [(x - x_c) / Y]$   
 $b_1 = b_{20} [z / Y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_1, B_1$ )  
 Lichtart D65,  $Y_w=100, Y_c=50$

Name Bereich  $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$   
 $R_1$  507.775 80.72 70.07 41.35 0.42 0.3646 598 489  
 $R_2$  496.775 86.13 97.06 43.46 0.3899 0.4248 573 468  
 $R_3$  492.567 86.13 97.06 43.46 0.3899 0.4248 573 468  
 $G_1$  380.570 64.05 80.07 82.51 0.2826 0.3532 491 596  
 $G_2$  380.567 65.3 81.11 108.92 0.2557 0.3176 489 596  
 $G_3$  380.496 57.8 52.86 79.14 0.3048 0.2784 467 575  
 $M_1$  572.496 92.26 73.13 79.17 0.3772 0.299 541 541  
 $M_2$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $M_3$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $W_1$  380.775 95.04 100.0 108.89 0.3127 0.329 100%  
 $W_2$  380.775 47.52 50.0 54.44 0.3127 0.329 50%  
 $W_3$  380.775 47.52 50.0 54.44 0.3127 0.329 50%  
 $Z_1$  380.775 17.18 18.0 14.84 0.3457 0.3585 18%

**BGH91-1A**

$XYZ_w=95.04, 100.0, 108.89$   
 $A_2 = 2.5(a_2 - a_{2w}) Y$   
 $B_2 = 2.5(b_2 - b_{2w}) Y$   
 $a_2 = a_{20} [(x - x_c) / Y]$   
 $b_2 = b_{20} [z / Y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 0.800$   
 $C_{AB} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_2, B_2$ )  
 Lichtart D65,  $Y_w=100, Y_c=50$

Name Bereich  $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$   
 $R_1$  507.775 80.72 70.07 41.35 0.42 0.3646 598 489  
 $R_2$  496.775 86.13 97.06 43.46 0.3899 0.4248 573 468  
 $R_3$  492.567 86.13 97.06 43.46 0.3899 0.4248 573 468  
 $G_1$  380.570 64.05 80.07 82.51 0.2826 0.3532 491 596  
 $G_2$  380.567 65.3 81.11 108.92 0.2557 0.3176 489 596  
 $G_3$  380.496 57.8 52.86 79.14 0.3048 0.2784 467 575  
 $M_1$  572.496 92.26 73.13 79.17 0.3772 0.299 541 541  
 $M_2$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $M_3$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $W_1$  380.775 95.04 100.0 108.89 0.3127 0.329 100%  
 $W_2$  380.775 47.52 50.0 54.44 0.3127 0.329 50%  
 $W_3$  380.775 47.52 50.0 54.44 0.3127 0.329 50%  
 $Z_1$  380.775 17.18 18.0 14.84 0.3457 0.3585 18%

**BGH90-2A**

$XYZ_w=109.84, 99.99, 35.58$   
 $A_1 = 2.5(a_1 - a_{1w}) Y$   
 $B_1 = 2.5(b_1 - b_{1w}) Y$   
 $a_1 = a_{20} [(x - x_c) / Y]$   
 $b_1 = b_{20} [z / Y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_1, B_1$ )  
 Lichtart P40,  $Y_w=100, Y_c=50$

Name Bereich  $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$   
 $R_1$  579.775 85.62 70.65 32.43 0.4537 0.3743 600 493  
 $R_2$  579.775 85.62 70.65 32.43 0.4537 0.3743 600 493  
 $R_3$  579.775 85.62 70.65 32.43 0.4537 0.3743 600 493  
 $G_1$  380.570 64.05 80.07 82.51 0.2826 0.3532 491 596  
 $G_2$  380.567 65.3 81.11 108.92 0.2557 0.3176 489 596  
 $G_3$  380.496 57.8 52.86 79.14 0.3048 0.2784 467 575  
 $M_1$  572.496 92.26 73.13 79.17 0.3772 0.299 541 541  
 $M_2$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $M_3$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $W_1$  380.775 109.84 99.99 35.58 0.4475 0.4074 100%  
 $W_2$  380.775 54.92 49.99 17.79 0.4475 0.4074 50%  
 $W_3$  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%

**BGH91-2A**

$XYZ_w=109.84, 99.99, 35.58$   
 $A_2 = 2.5(a_2 - a_{2w}) Y$   
 $B_2 = 2.5(b_2 - b_{2w}) Y$   
 $a_2 = a_{20} [(x - x_c) / Y]$   
 $b_2 = b_{20} [z / Y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.300$   
 $C_{AB} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_2, B_2$ )  
 Lichtart P40,  $Y_w=100, Y_c=50$

Name Bereich  $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$   
 $R_1$  579.775 85.62 70.65 32.43 0.4537 0.3743 600 493  
 $R_2$  579.775 85.62 70.65 32.43 0.4537 0.3743 600 493  
 $R_3$  579.775 85.62 70.65 32.43 0.4537 0.3743 600 493  
 $G_1$  380.570 64.05 80.07 82.51 0.2826 0.3532 491 596  
 $G_2$  380.567 65.3 81.11 108.92 0.2557 0.3176 489 596  
 $G_3$  380.496 57.8 52.86 79.14 0.3048 0.2784 467 575  
 $M_1$  572.496 92.26 73.13 79.17 0.3772 0.299 541 541  
 $M_2$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $M_3$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $W_1$  380.775 109.84 99.99 35.58 0.4475 0.4074 100%  
 $W_2$  380.775 54.92 49.99 17.79 0.4475 0.4074 50%  
 $W_3$  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%

**BGH90-3A**

$XYZ_w=100.0, 100.0, 100.0$   
 $A_1 = 2.5(a_1 - a_{1w}) Y$   
 $B_1 = 2.5(b_1 - b_{1w}) Y$   
 $a_1 = a_{20} [(x - x_c) / Y]$   
 $b_1 = b_{20} [z / Y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_1, B_1$ )  
 Lichtart E00,  $Y_w=100, Y_c=50$

Name Bereich  $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$   
 $R_1$  507.775 82.79 70.26 50.12 0.4074 0.3488 598 499  
 $R_2$  494.775 81.73 97.45 43.1 0.3786 0.4022 573 463  
 $R_3$  494.775 81.73 97.45 43.1 0.3786 0.4022 573 463  
 $G_1$  380.570 64.05 80.07 82.51 0.2826 0.3532 491 596  
 $G_2$  380.567 65.3 81.11 108.92 0.2557 0.3176 489 596  
 $G_3$  380.496 57.8 52.86 79.14 0.3048 0.2784 467 575  
 $M_1$  572.496 92.26 73.13 79.17 0.3772 0.299 541 541  
 $M_2$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $M_3$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $W_1$  380.775 100.0 100.0 100.0 0.3127 0.329 100%  
 $W_2$  380.775 50.0 50.0 50.0 0.3127 0.329 50%  
 $W_3$  380.775 50.0 50.0 50.0 0.3127 0.329 50%  
 $Z_1$  380.775 18.16 18.0 14.84 0.3333 0.3333 18%

**BGH91-3A**

$XYZ_w=100.0, 100.0, 100.0$   
 $A_2 = 2.5(a_2 - a_{2w}) Y$   
 $B_2 = 2.5(b_2 - b_{2w}) Y$   
 $a_2 = a_{20} [(x - x_c) / Y]$   
 $b_2 = b_{20} [z / Y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 0.900$   
 $C_{AB} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_2, B_2$ )  
 Lichtart E00,  $Y_w=100, Y_c=50$

Name Bereich  $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$   
 $R_1$  507.775 82.79 70.26 50.12 0.4074 0.3488 598 499  
 $R_2$  494.775 81.73 97.45 43.1 0.3786 0.4022 573 463  
 $R_3$  494.775 81.73 97.45 43.1 0.3786 0.4022 573 463  
 $G_1$  380.570 64.05 80.07 82.51 0.2826 0.3532 491 596  
 $G_2$  380.567 65.3 81.11 108.92 0.2557 0.3176 489 596  
 $G_3$  380.496 57.8 52.86 79.14 0.3048 0.2784 467 575  
 $M_1$  572.496 92.26 73.13 79.17 0.3772 0.299 541 541  
 $M_2$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $M_3$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $W_1$  380.775 100.0 100.0 100.0 0.3127 0.329 100%  
 $W_2$  380.775 50.0 50.0 50.0 0.3127 0.329 50%  
 $W_3$  380.775 50.0 50.0 50.0 0.3127 0.329 50%  
 $Z_1$  380.775 18.16 18.0 14.84 0.3333 0.3333 18%

**BGH90-5A**

$XYZ_w=102.06, 100.0, 81.06$   
 $A_1 = 2.5(a_1 - a_{1w}) Y$   
 $B_1 = 2.5(b_1 - b_{1w}) Y$   
 $a_1 = a_{20} [(x - x_c) / Y]$   
 $b_1 = b_{20} [z / Y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_1, B_1$ )  
 Lichtart P00,  $Y_w=100, Y_c=50$

Name Bereich  $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$   
 $R_1$  572.775 85.39 70.37 40.63 0.4833 0.3799 600 491  
 $R_2$  496.775 85.49 97.23 42.56 0.4056 0.4134 575 467  
 $R_3$  496.775 85.49 97.23 42.56 0.4056 0.4134 575 467  
 $G_1$  380.570 64.05 80.07 82.51 0.2826 0.3532 491 596  
 $G_2$  380.567 65.3 81.11 108.92 0.2557 0.3176 489 596  
 $G_3$  380.496 57.8 52.86 79.14 0.3048 0.2784 467 575  
 $M_1$  572.496 92.26 73.13 79.17 0.3772 0.299 541 541  
 $M_2$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $M_3$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $W_1$  380.775 102.06 100.0 81.06 0.3127 0.329 100%  
 $W_2$  380.775 51.03 50.0 59.47 0.3127 0.329 50%  
 $W_3$  380.775 51.03 50.0 59.47 0.3127 0.329 50%  
 $Z_1$  380.775 18.17 18.0 14.59 0.3604 0.3531 18%

**BGH91-5A**

$XYZ_w=102.06, 100.0, 81.06$   
 $A_2 = 2.5(a_2 - a_{2w}) Y$   
 $B_2 = 2.5(b_2 - b_{2w}) Y$   
 $a_2 = a_{20} [(x - x_c) / Y]$   
 $b_2 = b_{20} [z / Y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 0.700$   
 $C_{AB} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_2, B_2$ )  
 Lichtart P00,  $Y_w=100, Y_c=50$

Name Bereich  $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$   
 $R_1$  572.775 85.39 70.37 40.63 0.4833 0.3799 600 491  
 $R_2$  496.775 85.49 97.23 42.56 0.4056 0.4134 575 467  
 $R_3$  496.775 85.49 97.23 42.56 0.4056 0.4134 575 467  
 $G_1$  380.570 64.05 80.07 82.51 0.2826 0.3532 491 596  
 $G_2$  380.567 65.3 81.11 108.92 0.2557 0.3176 489 596  
 $G_3$  380.496 57.8 52.86 79.14 0.3048 0.2784 467 575  
 $M_1$  572.496 92.26 73.13 79.17 0.3772 0.299 541 541  
 $M_2$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $M_3$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $W_1$  380.775 102.06 100.0 81.06 0.3127 0.329 100%  
 $W_2$  380.775 51.03 50.0 59.47 0.3127 0.329 50%  
 $W_3$  380.775 51.03 50.0 59.47 0.3127 0.329 50%  
 $Z_1$  380.775 18.17 18.0 14.59 0.3604 0.3531 18%

**BGH90-7A**

$XYZ_w=97.93, 100.0, 118.95$   
 $A_1 = 2.5(a_1 - a_{1w}) Y$   
 $B_1 = 2.5(b_1 - b_{1w}) Y$   
 $a_1 = a_{20} [(x - x_c) / Y]$   
 $b_1 = b_{20} [z / Y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_1, B_1$ )  
 Lichtart Q00,  $Y_w=100, Y_c=50$

Name Bereich  $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$   
 $R_1$  572.775 85.39 70.37 40.63 0.4833 0.3799 600 491  
 $R_2$  492.775 87.99 97.23 42.56 0.4056 0.4134 575 467  
 $R_3$  492.775 87.99 97.23 42.56 0.4056 0.4134 575 467  
 $G_1$  380.570 64.05 80.07 82.51 0.2826 0.3532 491 596  
 $G_2$  380.567 65.3 81.11 108.92 0.2557 0.3176 489 596  
 $G_3$  380.496 57.8 52.86 79.14 0.3048 0.2784 467 575  
 $M_1$  572.496 92.26 73.13 79.17 0.3772 0.299 541 541  
 $M_2$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $M_3$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $W_1$  380.775 102.06 100.0 118.95 0.309 0.3151 100%  
 $W_2$  380.775 48.96 50.0 59.47 0.309 0.3151 50%  
 $W_3$  380.775 48.96 50.0 59.47 0.309 0.3151 50%  
 $Z_1$  380.775 17.62 18.0 14.41 0.309 0.3151 18%

**BGH91-7A**

$XYZ_w=97.93, 100.0, 118.95$   
 $A_2 = 2.5(a_2 - a_{2w}) Y$   
 $B_2 = 2.5(b_2 - b_{2w}) Y$   
 $a_2 = a_{20} [(x - x_c) / Y]$   
 $b_2 = b_{20} [z / Y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 0.700$   
 $C_{AB} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB}$  im  
 Buntwertdiagramm ( $A_2, B_2$ )  
 Lichtart Q00,  $Y_w=100, Y_c=50$

Name Bereich  $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3$   
 $R_1$  572.775 85.39 70.37 40.63 0.4833 0.3799 600 491  
 $R_2$  492.775 87.99 97.23 42.56 0.4056 0.4134 575 467  
 $R_3$  492.775 87.99 97.23 42.56 0.4056 0.4134 575 467  
 $G_1$  380.570 64.05 80.07 82.51 0.2826 0.3532 491 596  
 $G_2$  380.567 65.3 81.11 108.92 0.2557 0.3176 489 596  
 $G_3$  380.496 57.8 52.86 79.14 0.3048 0.2784 467 575  
 $M_1$  572.496 92.26 73.13 79.17 0.3772 0.299 541 541  
 $M_2$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $M_3$  380.775 102.69 100.0 40.53 0.3604 0.3531 100%  
 $W_1$  380.775 102.06 100.0 118.95 0.309 0.3151 100%  
 $W_2$  380.775 48.96 50.0 59.47 0.309 0.3151 50%  
 $W_3$  380.775 48.96 50.0 59.47 0.309 0.3151 50%  
 $Z_1$  380.775 17.62 18.0