

Siehe ähnliche Dateien: <http://farbe.li.tu-berlin.de/BGR4/BGR4L0NP.PDF> / .PS
 Technische Information: <http://farbe.li.tu-berlin.de> oder <http://color.li.tu-berlin.de>

TUB-Registrierung: 20220301-BGR4/BGR4L0NP.PDF /.PS TUB-Material: Code=rha4ta
 Anwendung für Beurteilung und Messung von Display- oder Druck-Ausgabe

BGR4-1A

$XYZ_w=95.04, 100.0, 108.89$
 Parameter:
 Y & Name
 Lichtart D65
 $Y_w=100, Y_N=50$

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

Name Bereich $X_1, Y_1, Z_1, x_1, y_1, z_1, X_2, Y_2, Z_2, x_2, y_2, z_2$
 R₁ 567.775 77.4 69.03 54.57 0.385 0.3434 596 489
 Y₁ 492.775 88.1 97.06 62.69 0.3859 0.4214 573 463
 Z₁ 492.567 85.78 72.07 57.9 0.2927 0.4064 535 536
 C₁ 380.570 64.05 80.07 82.51 0.2826 0.3532 491 596
 B₁ 380.494 58.41 52.69 57.05 0.2806 0.2531 463 573
 M₁ 570.494 91.1 72.85 97.07 0.349 0.2791 536 536
 N₁ 380.775 100.93100 64.68 0.3799 0.3764 100%
 W₁ 380.775 95.04 100.0 108.89 0.3127 0.329 100%
 N₂ 380.775 47.52 50.0 54.44 0.3127 0.329 50%
 Z₂ 380.775 17.18 18.0 18.6 0.3127 0.329 18%

BGR4-1A

$XYZ_w=95.04, 100.0, 108.89$
 Parameter:
 Y & Name
 Lichtart D65
 $Y_w=100, Y_N=50$

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

Name Bereich $X_1, Y_1, Z_1, x_1, y_1, z_1, X_2, Y_2, Z_2, x_2, y_2, z_2$
 R₁ 567.775 77.4 69.03 54.57 0.385 0.3434 596 489
 Y₁ 492.775 88.1 97.06 62.69 0.3859 0.4214 573 463
 Z₁ 492.567 85.78 72.07 57.9 0.2927 0.4064 535 536
 C₁ 380.570 64.05 80.07 82.51 0.2826 0.3532 491 596
 B₁ 380.494 58.41 52.69 57.05 0.2806 0.2531 463 573
 M₁ 570.494 91.1 72.85 97.07 0.349 0.2791 536 536
 N₁ 380.775 100.93100 64.68 0.3799 0.3764 100%
 W₁ 380.775 95.04 100.0 108.89 0.3127 0.329 100%
 N₂ 380.775 47.52 50.0 54.44 0.3127 0.329 50%
 Z₂ 380.775 17.18 18.0 18.6 0.3127 0.329 18%

BGR4-2A

$XYZ_w=100.93, 100.0, 64.68$
 Parameter:
 Y & Name
 Lichtart P40
 $Y_w=100, Y_N=50$

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

Name Bereich $X_1, Y_1, Z_1, x_1, y_1, z_1, X_2, Y_2, Z_2, x_2, y_2, z_2$
 R₁ 579.775 85.62 70.05 32.43 0.4537 0.3743 600 493
 Y₁ 504.775 95.81 97.72 34.43 0.4202 0.286 576 468
 Z₁ 498.570 81.71 34.41 0.4257 0.4077 547 547
 C₁ 380.573 65.92 79.49 64.69 0.3137 0.3783 493 600
 B₁ 380.498 57.72 52.42 62.69 0.3262 0.3068 468 576
 M₁ 573.498 90.79 72.07 62.71 0.4008 0.3222 540 540
 N₁ 380.775 100.93100 64.68 0.3799 0.3764 100%
 W₁ 380.775 50.46 50.0 32.34 0.3799 0.3764 50%
 Z₂ 380.775 18.16 18.0 11.64 0.3799 0.3764 18%

BGR4-2A

$XYZ_w=100.93, 100.0, 64.68$
 Parameter:
 Y & Name
 Lichtart P40
 $Y_w=100, Y_N=50$

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

Name Bereich $X_1, Y_1, Z_1, x_1, y_1, z_1, X_2, Y_2, Z_2, x_2, y_2, z_2$
 R₁ 579.775 85.62 70.05 32.43 0.4537 0.3743 600 493
 Y₁ 504.775 95.81 97.72 34.43 0.4202 0.286 576 468
 Z₁ 498.570 81.71 34.41 0.4257 0.4077 547 547
 C₁ 380.573 65.92 79.49 64.69 0.3137 0.3783 493 600
 B₁ 380.498 57.72 52.42 62.69 0.3262 0.3068 468 576
 M₁ 573.498 90.79 72.07 62.71 0.4008 0.3222 540 540
 N₁ 380.775 100.93100 64.68 0.3799 0.3764 100%
 W₁ 380.775 50.46 50.0 32.34 0.3799 0.3764 50%
 Z₂ 380.775 18.16 18.0 11.64 0.3799 0.3764 18%

BGR4-3A

$XYZ_w=100.0, 100.0, 100.0$
 Parameter:
 Y & Name
 Lichtart E00
 $Y_w=100, Y_N=50$

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

Name Bereich $X_1, Y_1, Z_1, x_1, y_1, z_1, X_2, Y_2, Z_2, x_2, y_2, z_2$
 R₁ 567.775 82.79 70.26 50.12 0.4074 0.3458 598 489
 Y₁ 492.775 91.73 97.45 53.1 0.3786 0.4022 573 463
 Z₁ 492.567 85.78 72.07 62.69 0.2918 0.3914 535 536
 C₁ 380.570 67.35 79.88 100.0 0.2724 0.323 489 598
 B₁ 380.494 58.41 52.69 57.05 0.2806 0.2531 463 573
 M₁ 570.494 91.1 72.85 97.07 0.349 0.2791 536 536
 N₁ 380.775 100.0 100.0 100.0 0.3127 0.3127 100%
 W₁ 380.775 50.0 50.0 33.33 0.3333 50%
 Z₂ 380.775 18.0 18.0 0.3333 0.3333 18%

BGR4-3A

$XYZ_w=100.0, 100.0, 100.0$
 Parameter:
 Y & Name
 Lichtart E00
 $Y_w=100, Y_N=50$

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

Name Bereich $X_1, Y_1, Z_1, x_1, y_1, z_1, X_2, Y_2, Z_2, x_2, y_2, z_2$
 R₁ 567.775 82.79 70.26 50.12 0.4074 0.3458 598 489
 Y₁ 492.775 91.73 97.45 53.1 0.3786 0.4022 573 463
 Z₁ 492.567 85.78 72.07 62.69 0.2918 0.3914 535 536
 C₁ 380.570 67.35 79.88 100.0 0.2724 0.323 489 598
 B₁ 380.494 58.41 52.69 57.05 0.2806 0.2531 463 573
 M₁ 570.494 91.1 72.85 97.07 0.349 0.2791 536 536
 N₁ 380.775 100.0 100.0 100.0 0.3127 0.3127 100%
 W₁ 380.775 50.0 50.0 33.33 0.3333 50%
 Z₂ 380.775 18.0 18.0 0.3333 0.3333 18%

BGR4-5A

$XYZ_w=102.06, 100.0, 81.06$
 Parameter:
 Y & Name
 Lichtart P00
 $Y_w=100, Y_N=50$

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

Name Bereich $X_1, Y_1, Z_1, x_1, y_1, z_1, X_2, Y_2, Z_2, x_2, y_2, z_2$
 R₁ 572.775 85.39 70.37 40.63 0.4833 0.3799 600 491
 Y₁ 496.775 95.49 97.23 42.56 0.4056 0.4134 575 467
 Z₁ 496.572 80.99 77.01 42.54 0.3378 0.4265 541 541
 C₁ 380.572 67.42 80.6 118.90 0.2527 0.3307 487 596
 B₁ 380.492 57.8 52.86 79.14 0.3048 0.2784 467 575
 M₁ 572.492 92.6 73.13 79.17 0.3772 0.299 541 541
 N₁ 380.775 102.06100 81.06 0.3604 0.3511 100%
 W₁ 380.775 51.03 50.0 40.53 0.3604 0.3511 50%
 Z₂ 380.775 18.37 18.0 14.59 0.3604 0.3511 18%

BGR4-5A

$XYZ_w=102.06, 100.0, 81.06$
 Parameter:
 Y & Name
 Lichtart P00
 $Y_w=100, Y_N=50$

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

Name Bereich $X_1, Y_1, Z_1, x_1, y_1, z_1, X_2, Y_2, Z_2, x_2, y_2, z_2$
 R₁ 572.775 85.39 70.37 40.63 0.4833 0.3799 600 491
 Y₁ 496.775 95.49 97.23 42.56 0.4056 0.4134 575 467
 Z₁ 496.572 80.99 77.01 42.54 0.3378 0.4265 541 541
 C₁ 380.572 67.42 80.6 118.90 0.2527 0.3307 487 596
 B₁ 380.492 57.8 52.86 79.14 0.3048 0.2784 467 575
 M₁ 572.492 92.6 73.13 79.17 0.3772 0.299 541 541
 N₁ 380.775 102.06100 81.06 0.3604 0.3511 100%
 W₁ 380.775 51.03 50.0 40.53 0.3604 0.3511 50%
 Z₂ 380.775 18.37 18.0 14.59 0.3604 0.3511 18%