

Siehe ähnliche Dateien: <http://farbe.li.tu-berlin.de/BGN3/BGN3.HTM>
 Technische Information: <http://farbe.li.tu-berlin.de/> oder <http://farbe.li.tu-berlin.de/>

TUB-Registrierung: 20220301-BGN3/BGN3L0NP.PDF / .PS TUB-Material: Code=rhath4
 Anwendung für Beurteilung und Messung von Display- oder Druck-Ausgabe

BGN30-1A

$XYZ_w=97.06, 99.99, 104.57$
 $A_1 = 2.5 (a_1 - a_2) Y$
 $B_1 = 2.5 B_1 (b_1 - b_2) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 0.800$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearer Farbraum ($C_{AB,2} Y$)
 Lichtart P60, $Y_w=100, Y_N=25$

Parameter:
 Y & Name
 Lichtart P60
 $Y_w=100, Y_N=25$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4$
 R₁ 568.775 71.58 55.07 26.25 0.4673 0.3605 596.489
 Y₁ 494.775 84.09 95.96 31.05 0.3983 0.4545 571.463
 Z₁ 494.568 37.07 65.98 31.01 0.2765 0.4011 525.536
 C₁ 380.568 50.07 70.04 104.56 0.2238 0.1317 489.596
 B₁ 380.494 36.31 29.05 91.56 0.2238 0.1317 489.596
 W₁ 380.494 36.31 29.05 91.56 0.2238 0.1317 489.596
 N₁ 380.494 36.31 29.05 91.56 0.2238 0.1317 489.596
 M₁ 380.494 36.31 29.05 91.56 0.2238 0.1317 489.596
 W₂ 380.775 97.06 99.99 104.57 0.3218 0.3315 100%

BGN31-1A

$XYZ_w=97.45, 100.0, 95.98$
 $A_1 = 2.5 (a_1 - a_2) Y$
 $B_1 = 2.5 B_1 (b_1 - b_2) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 0.900$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearer Farbraum ($C_{AB,2} Y$)
 Lichtart P55, $Y_w=100, Y_N=25$

Parameter:
 Y & Name
 Lichtart P55
 $Y_w=100, Y_N=25$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4$
 R₁ 569.775 72.43 55.21 26.12 0.4772 0.3605 596.490
 Y₁ 494.775 84.09 95.96 31.05 0.3983 0.4545 571.463
 Z₁ 494.568 37.07 65.98 31.01 0.2765 0.4011 525.536
 C₁ 380.568 50.07 70.04 104.56 0.2238 0.1317 489.596
 B₁ 380.494 36.31 29.05 91.56 0.2238 0.1317 489.596
 W₁ 380.494 36.31 29.05 91.56 0.2238 0.1317 489.596
 N₁ 380.494 36.31 29.05 91.56 0.2238 0.1317 489.596
 M₁ 380.494 36.31 29.05 91.56 0.2238 0.1317 489.596
 W₂ 380.775 97.45 100.0 95.98 0.3218 0.3407 100%

BGN30-2A

$XYZ_w=98.12, 100.0, 86.5$
 $A_1 = 2.5 (a_1 - a_2) Y$
 $B_1 = 2.5 B_1 (b_1 - b_2) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearer Farbraum ($C_{AB,2} Y$)
 Lichtart P50, $Y_w=100, Y_N=25$

Parameter:
 Y & Name
 Lichtart P50
 $Y_w=100, Y_N=25$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4$
 R₁ 570.775 71.52 54.25 21.74 0.4807 0.3594 601.491
 Y₁ 495.775 87.5 95.47 24.74 0.4212 0.4596 573.467
 Z₁ 495.570 40.05 68.42 34.71 0.3052 0.5103 542.542
 C₁ 380.570 51.57 72.97 86.49 0.2443 0.3457 491.601
 B₁ 380.495 35.27 29.64 83.49 0.2376 0.1997 467.573
 W₁ 380.495 35.27 29.64 83.49 0.2376 0.1997 467.573
 N₁ 380.495 35.27 29.64 83.49 0.2376 0.1997 467.573
 M₁ 380.495 35.27 29.64 83.49 0.2376 0.1997 467.573
 W₂ 380.775 98.12 100.0 86.5 0.3447 0.3513 100%

BGN31-2A

$XYZ_w=99.2, 100.0, 76.07$
 $A_1 = 2.5 (a_1 - a_2) Y$
 $B_1 = 2.5 B_1 (b_1 - b_2) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 1.100$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearer Farbraum ($C_{AB,2} Y$)
 Lichtart P45, $Y_w=100, Y_N=25$

Parameter:
 Y & Name
 Lichtart P45
 $Y_w=100, Y_N=25$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4$
 R₁ 572.775 74.5 54.25 21.74 0.5077 0.3669 600.462
 Y₁ 497.775 87.5 96.47 22.25 0.4319 0.4496 573.467
 Z₁ 497.570 41.37 67.42 32.21 0.3117 0.5166 541.546
 C₁ 380.572 49.63 70.85 76.05 0.2255 0.3493 490.602
 B₁ 380.497 34.15 29.64 83.49 0.2376 0.1997 467.573
 W₁ 380.497 34.15 29.64 83.49 0.2376 0.1997 467.573
 N₁ 380.497 34.15 29.64 83.49 0.2376 0.1997 467.573
 M₁ 380.497 34.15 29.64 83.49 0.2376 0.1997 467.573
 W₂ 380.775 99.2 100.0 76.07 0.3603 0.3632 100%

BGN30-3A

$XYZ_w=100.93, 100.0, 64.68$
 $A_1 = 2.5 (a_1 - a_2) Y$
 $B_1 = 2.5 B_1 (b_1 - b_2) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 1.300$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearer Farbraum ($C_{AB,2} Y$)
 Lichtart P40, $Y_w=100, Y_N=25$

Parameter:
 Y & Name
 Lichtart P40
 $Y_w=100, Y_N=25$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4$
 R₁ 573.775 72.92 55.92 16.25 0.519 0.3725 600.493
 Y₁ 498.775 93.2 96.53 19.27 0.4599 0.4618 576.468
 Z₁ 498.573 40.61 67.31 32.24 0.3234 0.5252 548.546
 C₁ 380.573 48.36 69.19 64.67 0.2654 0.3797 493.600
 B₁ 380.498 33.08 28.58 61.66 0.2682 0.2317 468.576
 W₁ 380.498 33.08 28.58 61.66 0.2682 0.2317 468.576
 N₁ 380.498 33.08 28.58 61.66 0.2682 0.2317 468.576
 M₁ 380.498 33.08 28.58 61.66 0.2682 0.2317 468.576
 W₂ 380.775 100.93 100.0 64.68 0.3799 0.3764 100%

BGN31-3A

$XYZ_w=103.66, 99.99, 52.43$
 $A_1 = 2.5 (a_1 - a_2) Y$
 $B_1 = 2.5 B_1 (b_1 - b_2) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 1.800$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearer Farbraum ($C_{AB,2} Y$)
 Lichtart P35, $Y_w=100, Y_N=25$

Parameter:
 Y & Name
 Lichtart P35
 $Y_w=100, Y_N=25$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4$
 R₁ 575.775 78.39 53.43 13.18 0.5405 0.3684 605.493
 Y₁ 500.775 93.51 95.91 14.99 0.4789 0.4601 578.472
 Z₁ 498.573 40.61 67.31 32.24 0.3234 0.5252 548.546
 C₁ 380.573 51.32 71.69 52.41 0.2525 0.4086 496.605
 B₁ 380.500 32.19 29.2 50.6 0.2874 0.2607 472.578
 W₁ 380.500 32.19 29.2 50.6 0.2874 0.2607 472.578
 N₁ 380.500 32.19 29.2 50.6 0.2874 0.2607 472.578
 M₁ 380.500 32.19 29.2 50.6 0.2874 0.2607 472.578
 W₂ 380.775 103.66 99.99 52.43 0.4047 0.3904 100%

BGN30-4A

$XYZ_w=108.04, 100.0, 39.55$
 $A_1 = 2.5 (a_1 - a_2) Y$
 $B_1 = 2.5 B_1 (b_1 - b_2) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 2.500$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearer Farbraum ($C_{AB,2} Y$)
 Lichtart P30, $Y_w=100, Y_N=25$

Parameter:
 Y & Name
 Lichtart P30
 $Y_w=100, Y_N=25$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4$
 R₁ 578.775 85.58 57.05 9.95 0.5611 0.3736 604.498
 Y₁ 503.775 103.49 95.18 11.84 0.4875 0.4566 580.473
 Z₁ 503.578 44.97 65.0 11.81 0.3692 0.5297 552.552
 C₁ 380.582 45.08 67.07 36.57 0.3587 0.4617 502.608
 B₁ 380.503 31.64 28.18 37.63 0.3231 0.289 473.808
 W₁ 380.503 31.64 28.18 37.63 0.3231 0.289 473.808
 N₁ 380.503 31.64 28.18 37.63 0.3231 0.289 473.808
 M₁ 380.503 31.64 28.18 37.63 0.3231 0.289 473.808
 W₂ 380.775 108.04 100.0 39.55 0.4736 0.4038 100%

BGN31-4A

$XYZ_w=115.18, 100.0, 26.59$
 $A_1 = 2.5 (a_1 - a_2) Y$
 $B_1 = 2.5 B_1 (b_1 - b_2) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_1 = 3.700$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$
 6 Ostwald-Farben (o)
 von maximalem (m) C_{AB}
 linearer Farbraum ($C_{AB,2} Y$)
 Lichtart P25, $Y_w=100, Y_N=25$

Parameter:
 Y & Name
 Lichtart P25
 $Y_w=100, Y_N=25$

Name Bereich $X_1 Y_1 Z_1 X_2 Y_2 Z_2 X_3 Y_3 Z_3 X_4 Y_4 Z_4$
 R₁ 582.775 91.03 56.75 6.75 0.6289 0.3675 608.478
 Y₁ 506.775 112.96 85.5 7.84 0.5175 0.4463 580.473
 Z₁ 506.582 50.16 65.15 7.81 0.3692 0.5297 552.552
 C₁ 380.582 45.08 67.07 36.57 0.3587 0.4617 502.608
 B₁ 380.506 31.64 28.18 37.63 0.3231 0.289 473.808
 W₁ 380.506 31.64 28.18 37.63 0.3231 0.289 473.808
 N₁ 380.506 31.64 28.18 37.63 0.3231 0.289 473.808
 M₁ 380.506 31.64 28.18 37.63 0.3231 0.289 473.808
 W₂ 380.775 115.18 100.0 26.59 0.4736 0.4038 100%

BGN30-7A BGN30-7N BGN30-8A BGN31-7A BGN31-7N BGN31-8A