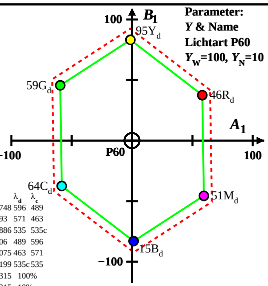
Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/BGH2/BGH2.HTM
Technische Information: http://farbe.li.tu-berlin.de oder http://farbe.li.tu-berlin.de/

**$XYZ_W$=97.06 , 99.99 , 104.57**
**$A_1 = 2{,}5\ (a_1 - a_{1,n})\ Y$**
**$B_1 = 2{,}5\ B_c\ (b_1 - b_{1,n})\ Y$**
**$a_1 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_1 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}000$**
**$C_{AB1}=[A_1^2+B_1^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_1$, $B_1$)**
**Lichtart P60, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P60**
**$Y_W$=100, $Y_N$=10**

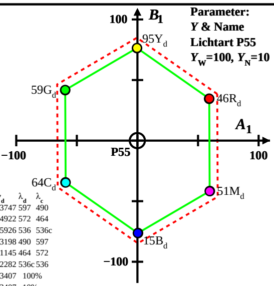



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 568_775 | 66.22 | 46.07 | 10.6 | 0.5388 | 0.3748 | 596 | 489 |
| $Y_d$ | 494_775 | 81.47 | 95.13 | 16.33 | 0.4222 | 0.493 | 571 | 463 |
| $G_d$ | 494_568 | 25.06 | 59.16 | 16.28 | 0.2493 | 0.5886 | 535 | 535c |
| $C_d$ | 380_568 | 40.66 | 64.03 | 104.53 | 0.1943 | 0.306 | 489 | 596 |
| $B_d$ | 380_494 | 25.4 | 14.97 | 98.81 | 0.1825 | 0.1075 | 463 | 571 |
| $M_d$ | 568_494 | 81.82 | 50.94 | 98.86 | 0.3532 | 0.2199 | 535c | 535 |
| $W_d$ | 380_775 | 97.06 | 99.99 | 104.57 | 0.3218 | 0.3315 | 100% | |
| $N_d$ | 380_775 | 9.7 | 9.99 | 10.45 | 0.3218 | 0.3315 | 10% | |
| $Z_d$ | 380_775 | 17.47 | 17.99 | 18.82 | 0.3218 | 0.3315 | 18% | |

BGH20−1A

**$XYZ_W$=97.45 , 100.0 , 95.98**
**$A_1 = 2{,}5\ (a_1 - a_{1,n})\ Y$**
**$B_1 = 2{,}5\ B_c\ (b_1 - b_{1,n})\ Y$**
**$a_1 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_1 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}000$**
**$C_{AB1}=[A_1^2+B_1^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_1$, $B_1$)**
**Lichtart P55, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P55**
**$Y_W$=100, $Y_N$=10**

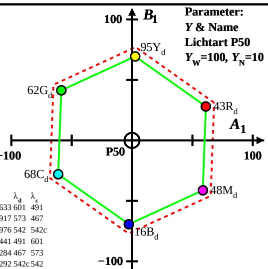



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 569_775 | 67.41 | 46.23 | 9.73 | 0.5463 | 0.3747 | 597 | 490 |
| $Y_d$ | 494_775 | 83.23 | 95.26 | 15.02 | 0.43 | 0.4922 | 572 | 464 |
| $G_d$ | 494_569 | 25.67 | 59.13 | 14.98 | 0.2572 | 0.5926 | 536 | 536c |
| $C_d$ | 380_569 | 39.9 | 63.87 | 95.94 | 0.1997 | 0.3198 | 490 | 597 |
| $B_d$ | 380_494 | 24.07 | 14.84 | 90.66 | 0.1857 | 0.1145 | 464 | 572 |
| $M_d$ | 569_494 | 81.63 | 50.97 | 90.7 | 0.3655 | 0.2282 | 536c | 536 |
| $W_d$ | 380_775 | 97.45 | 100.0 | 95.98 | 0.3321 | 0.3407 | 100% | |
| $N_d$ | 380_775 | 9.74 | 10.0 | 9.59 | 0.3321 | 0.3407 | 10% | |
| $Z_d$ | 380_775 | 17.54 | 18.0 | 17.27 | 0.3321 | 0.3407 | 18% | |

BGH20−2A

**$XYZ_W$=98.12 , 100.0 , 86.5**
**$A_1 = 2{,}5\ (a_1 - a_{1,n})\ Y$**
**$B_1 = 2{,}5\ B_c\ (b_1 - b_{1,n})\ Y$**
**$a_1 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_1 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}000$**
**$C_{AB1}=[A_1^2+B_1^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_1$, $B_1$)**
**Lichtart P50, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P50**
**$Y_W$=100, $Y_N$=10**

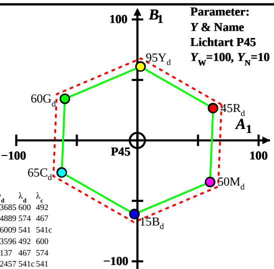



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 570_775 | 65.8 | 42.56 | 8.77 | 0.5617 | 0.3633 | 601 | 491 |
| $Y_d$ | 495_775 | 85.35 | 94.55 | 12.37 | 0.4439 | 0.4917 | 573 | 467 |
| $G_d$ | 495_570 | 29.46 | 62.08 | 12.33 | 0.2836 | 0.5976 | 542 | 542c |
| $C_d$ | 380_570 | 42.24 | 67.54 | 86.47 | 0.2152 | 0.3441 | 491 | 601 |
| $B_d$ | 380_495 | 22.68 | 15.55 | 82.87 | 0.1872 | 0.1284 | 467 | 573 |
| $M_d$ | 570_495 | 78.57 | 48.02 | 82.91 | 0.375 | 0.2292 | 542c | 542 |
| $W_d$ | 380_775 | 98.12 | 100.0 | 86.5 | 0.3447 | 0.3513 | 100% | |
| $N_d$ | 380_775 | 9.81 | 10.0 | 8.65 | 0.3447 | 0.3513 | 10% | |
| $Z_d$ | 380_775 | 17.66 | 18.0 | 15.57 | 0.3447 | 0.3513 | 18% | |

BGH20−3A

**$XYZ_W$=99.2 , 100.0 , 76.07**
**$A_1 = 2{,}5\ (a_1 - a_{1,n})\ Y$**
**$B_1 = 2{,}5\ B_c\ (b_1 - b_{1,n})\ Y$**
**$a_1 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_1 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}000$**
**$C_{AB1}=[A_1^2+B_1^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_1$, $B_1$)**
**Lichtart P45, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P45**
**$Y_W$=100, $Y_N$=10**

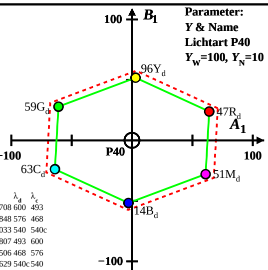



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 572_775 | 69.54 | 45.1 | 7.72 | 0.5682 | 0.3685 | 600 | 492 |
| $Y_d$ | 497_775 | 88.11 | 95.27 | 11.47 | 0.4521 | 0.4889 | 574 | 467 |
| $G_d$ | 497_572 | 28.59 | 60.26 | 11.43 | 0.285 | 0.6009 | 541 | 541c |
| $C_d$ | 380_572 | 39.69 | 65.0 | 76.04 | 0.2196 | 0.3596 | 492 | 600 |
| $B_d$ | 380_497 | 21.12 | 14.83 | 72.29 | 0.1951 | 0.137 | 467 | 574 |
| $M_d$ | 572_497 | 80.64 | 49.84 | 72.33 | 0.3976 | 0.2457 | 541c | 541 |
| $W_d$ | 380_775 | 99.2 | 100.0 | 76.07 | 0.3603 | 0.3632 | 100% | |
| $N_d$ | 380_775 | 9.92 | 10.0 | 7.6 | 0.3603 | 0.3632 | 10% | |
| $Z_d$ | 380_775 | 17.85 | 18.0 | 13.69 | 0.3603 | 0.3632 | 18% | |

BGH20−4A

**$XYZ_W$=100.93 , 100.0 , 64.68**
**$A_1 = 2{,}5\ (a_1 - a_{1,n})\ Y$**
**$B_1 = 2{,}5\ B_c\ (b_1 - b_{1,n})\ Y$**
**$a_1 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_1 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}000$**
**$C_{AB1}=[A_1^2+B_1^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_1$, $B_1$)**
**Lichtart P40, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P40**
**$Y_W$=100, $Y_N$=10**

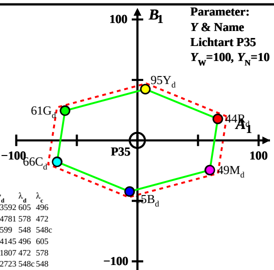



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 573_775 | 73.3 | 47.09 | 6.57 | 0.5773 | 0.3708 | 600 | 493 |
| $Y_d$ | 498_775 | 91.64 | 95.82 | 10.18 | 0.4636 | 0.4848 | 576 | 468 |
| $G_d$ | 498_573 | 28.53 | 58.83 | 10.14 | 0.2925 | 0.6033 | 540 | 540c |
| $C_d$ | 380_573 | 37.83 | 63.01 | 64.65 | 0.2285 | 0.3807 | 493 | 600 |
| $B_d$ | 380_498 | 19.49 | 14.28 | 61.04 | 0.2055 | 0.1506 | 468 | 576 |
| $M_d$ | 573_498 | 82.6 | 51.27 | 61.08 | 0.4236 | 0.2629 | 540c | 540 |
| $W_d$ | 380_775 | 100.93 | 100.0 | 64.68 | 0.3799 | 0.3764 | 100% | |
| $N_d$ | 380_775 | 10.09 | 10.0 | 6.46 | 0.3799 | 0.3764 | 10% | |
| $Z_d$ | 380_775 | 18.16 | 18.0 | 11.64 | 0.3799 | 0.3764 | 18% | |

BGH20−5A

**$XYZ_W$=103.66 , 99.99 , 52.43**
**$A_1 = 2{,}5\ (a_1 - a_{1,n})\ Y$**
**$B_1 = 2{,}5\ B_c\ (b_1 - b_{1,n})\ Y$**
**$a_1 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_1 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}000$**
**$C_{AB1}=[A_1^2+B_1^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_1$, $B_1$)**
**Lichtart P35, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P35**
**$Y_W$=100, $Y_N$=10**

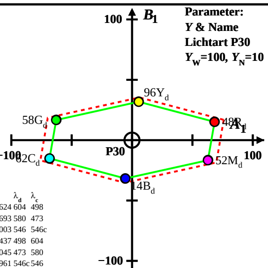



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 575_775 | 73.31 | 44.09 | 5.32 | 0.5973 | 0.3592 | 605 | 496 |
| $Y_d$ | 500_775 | 96.26 | 95.08 | 7.49 | 0.4841 | 0.4781 | 578 | 472 |
| $G_d$ | 500_575 | 33.41 | 61.08 | 7.46 | 0.3277 | 0.599 | 548 | 548c |
| $C_d$ | 380_575 | 40.82 | 66.01 | 52.4 | 0.2563 | 0.4145 | 496 | 605 |
| $B_d$ | 380_500 | 17.88 | 15.02 | 50.23 | 0.215 | 0.1807 | 472 | 578 |
| $M_d$ | 575_500 | 80.73 | 49.02 | 50.26 | 0.4484 | 0.2723 | 548c | 548 |
| $W_d$ | 380_775 | 103.66 | 99.99 | 52.43 | 0.4047 | 0.3904 | 100% | |
| $N_d$ | 380_775 | 10.36 | 9.99 | 5.24 | 0.4047 | 0.3904 | 10% | |
| $Z_d$ | 380_775 | 18.66 | 18.0 | 9.43 | 0.4047 | 0.3904 | 18% | |

BGH20−6A

**$XYZ_W$=108.04 , 100.0 , 39.55**
**$A_1 = 2{,}5\ (a_1 - a_{1,n})\ Y$**
**$B_1 = 2{,}5\ B_c\ (b_1 - b_{1,n})\ Y$**
**$a_1 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_1 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}000$**
**$C_{AB1}=[A_1^2+B_1^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_1$, $B_1$)**
**Lichtart P30, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P30**
**$Y_W$=100, $Y_N$=10**

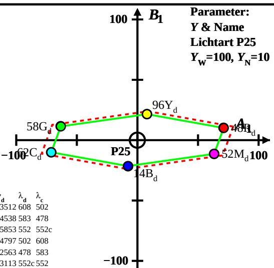



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 578_775 | 81.18 | 48.44 | 4.03 | 0.6074 | 0.3624 | 604 | 498 |
| $Y_d$ | 503_775 | 102.61 | 96.33 | 6.3 | 0.4999 | 0.4693 | 580 | 473 |
| $G_d$ | 503_578 | 32.34 | 57.98 | 6.26 | 0.3348 | 0.6003 | 546 | 546c |
| $C_d$ | 380_578 | 37.77 | 61.66 | 39.51 | 0.2718 | 0.4437 | 498 | 604 |
| $B_d$ | 380_503 | 16.34 | 13.77 | 37.24 | 0.2426 | 0.2045 | 473 | 580 |
| $M_d$ | 578_503 | 86.62 | 52.12 | 37.28 | 0.492 | 0.2961 | 546c | 546 |
| $W_d$ | 380_775 | 108.04 | 100.0 | 39.55 | 0.4363 | 0.4038 | 100% | |
| $N_d$ | 380_775 | 10.8 | 10.0 | 3.95 | 0.4363 | 0.4038 | 10% | |
| $Z_d$ | 380_775 | 19.44 | 18.0 | 7.11 | 0.4363 | 0.4038 | 18% | |

BGH20−7A

**$XYZ_W$=115.18 , 100.0 , 26.59**
**$A_1 = 2{,}5\ (a_1 - a_{1,n})\ Y$**
**$B_1 = 2{,}5\ B_c\ (b_1 - b_{1,n})\ Y$**
**$a_1 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_1 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}000$**
**$C_{AB1}=[A_1^2+B_1^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_1$, $B_1$)**
**Lichtart P25, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P25**
**$Y_W$=100, $Y_N$=10**



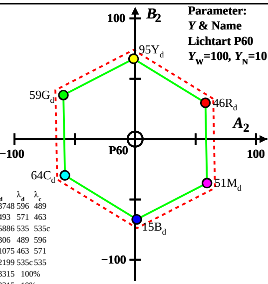

| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 582_775 | 86.18 | 48.13 | 2.71 | 0.6288 | 0.3512 | 608 | 502 |
| $Y_d$ | 506_775 | 111.68 | 96.2 | 4.08 | 0.5268 | 0.4538 | 583 | 478 |
| $G_d$ | 506_582 | 37.13 | 58.16 | 4.05 | 0.3737 | 0.5853 | 552 | 552c |
| $C_d$ | 380_582 | 40.64 | 61.97 | 26.56 | 0.3146 | 0.4797 | 502 | 608 |
| $B_d$ | 380_506 | 15.13 | 13.9 | 25.19 | 0.2791 | 0.2563 | 478 | 583 |
| $M_d$ | 582_506 | 89.69 | 51.94 | 25.22 | 0.5375 | 0.3113 | 552c | 552 |
| $W_d$ | 380_775 | 115.18 | 100.0 | 26.59 | 0.4764 | 0.4136 | 100% | |
| $N_d$ | 380_775 | 11.51 | 10.0 | 2.65 | 0.4764 | 0.4136 | 10% | |
| $Z_d$ | 380_775 | 20.73 | 18.0 | 4.78 | 0.4764 | 0.4136 | 18% | |

BGH20−8A

BGH20−7N

**$XYZ_W$=97.06 , 99.99 , 104.57**
**$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$**
**$B_2 = 2{,}5\ B_c\ (b_2 - b_{2,n})\ Y$**
**$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_2 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 0{,}800$**
**$C_{AB2}=[A_2^2+B_2^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_2$, $B_2$)**
**Lichtart P60, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P60**
**$Y_W$=100, $Y_N$=10**

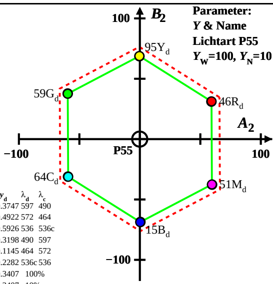



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 568_775 | 66.22 | 46.07 | 10.6 | 0.5388 | 0.3748 | 596 | 489 |
| $Y_d$ | 494_775 | 81.47 | 95.13 | 16.33 | 0.4222 | 0.493 | 571 | 463 |
| $G_d$ | 494_568 | 25.06 | 59.16 | 16.28 | 0.2493 | 0.5886 | 535 | 535c |
| $C_d$ | 380_568 | 40.66 | 64.03 | 104.53 | 0.1943 | 0.306 | 489 | 596 |
| $B_d$ | 380_494 | 25.4 | 14.97 | 98.81 | 0.1825 | 0.1075 | 463 | 571 |
| $M_d$ | 568_494 | 81.82 | 50.94 | 98.86 | 0.3532 | 0.2199 | 535c | 535 |
| $W_d$ | 380_775 | 97.06 | 99.99 | 104.57 | 0.3218 | 0.3315 | 100% | |
| $N_d$ | 380_775 | 9.7 | 9.99 | 10.45 | 0.3218 | 0.3315 | 10% | |
| $Z_d$ | 380_775 | 17.47 | 17.99 | 18.82 | 0.3218 | 0.3315 | 18% | |

BGH21−1A

**$XYZ_W$=97.45 , 100.0 , 95.98**
**$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$**
**$B_2 = 2{,}5\ B_c\ (b_2 - b_{2,n})\ Y$**
**$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_2 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 0{,}900$**
**$C_{AB2}=[A_2^2+B_2^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_2$, $B_2$)**
**Lichtart P55, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P55**
**$Y_W$=100, $Y_N$=10**

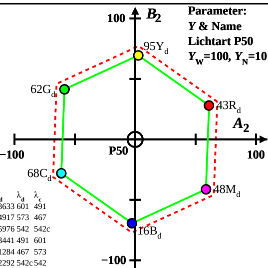



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 569_775 | 67.41 | 46.23 | 9.73 | 0.5463 | 0.3747 | 597 | 490 |
| $Y_d$ | 494_775 | 83.23 | 95.26 | 15.02 | 0.43 | 0.4922 | 572 | 464 |
| $G_d$ | 494_569 | 25.67 | 59.13 | 14.98 | 0.2572 | 0.5926 | 536 | 536c |
| $C_d$ | 380_569 | 39.9 | 63.87 | 95.94 | 0.1997 | 0.3198 | 490 | 597 |
| $B_d$ | 380_494 | 24.07 | 14.84 | 90.66 | 0.1857 | 0.1145 | 464 | 572 |
| $M_d$ | 569_494 | 81.63 | 50.97 | 90.7 | 0.3655 | 0.2282 | 536c | 536 |
| $W_d$ | 380_775 | 97.45 | 100.0 | 95.98 | 0.3321 | 0.3407 | 100% | |
| $N_d$ | 380_775 | 9.74 | 10.0 | 9.59 | 0.3321 | 0.3407 | 10% | |
| $Z_d$ | 380_775 | 17.54 | 18.0 | 17.27 | 0.3321 | 0.3407 | 18% | |

BGH21−2A

**$XYZ_W$=98.12 , 100.0 , 86.5**
**$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$**
**$B_2 = 2{,}5\ B_c\ (b_2 - b_{2,n})\ Y$**
**$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_2 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}000$**
**$C_{AB2}=[A_2^2+B_2^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_2$, $B_2$)**
**Lichtart P50, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P50**
**$Y_W$=100, $Y_N$=10**

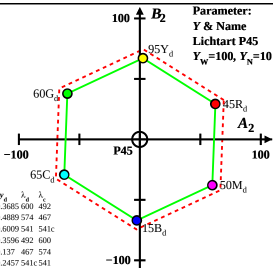



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 570_775 | 65.8 | 42.56 | 8.77 | 0.5617 | 0.3633 | 601 | 491 |
| $Y_d$ | 495_775 | 85.35 | 94.55 | 12.37 | 0.4439 | 0.4917 | 573 | 467 |
| $G_d$ | 495_570 | 29.46 | 62.08 | 12.33 | 0.2836 | 0.5976 | 542 | 542c |
| $C_d$ | 380_570 | 42.24 | 67.54 | 86.47 | 0.2152 | 0.3441 | 491 | 601 |
| $B_d$ | 380_495 | 22.68 | 15.55 | 82.87 | 0.1872 | 0.1284 | 467 | 573 |
| $M_d$ | 570_495 | 78.57 | 48.02 | 82.91 | 0.375 | 0.2292 | 542c | 542 |
| $W_d$ | 380_775 | 98.12 | 100.0 | 86.5 | 0.3447 | 0.3513 | 100% | |
| $N_d$ | 380_775 | 9.81 | 10.0 | 8.65 | 0.3447 | 0.3513 | 10% | |
| $Z_d$ | 380_775 | 17.66 | 18.0 | 15.57 | 0.3447 | 0.3513 | 18% | |

BGH21−3A

**$XYZ_W$=99.2 , 100.0 , 76.07**
**$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$**
**$B_2 = 2{,}5\ B_c\ (b_2 - b_{2,n})\ Y$**
**$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_2 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}100$**
**$C_{AB2}=[A_2^2+B_2^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_2$, $B_2$)**
**Lichtart P45, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P45**
**$Y_W$=100, $Y_N$=10**

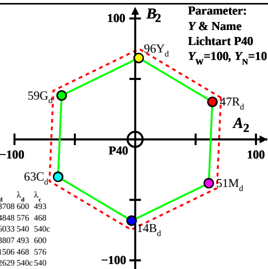



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 572_775 | 69.54 | 45.1 | 7.72 | 0.5682 | 0.3685 | 600 | 492 |
| $Y_d$ | 497_775 | 88.11 | 95.27 | 11.47 | 0.4521 | 0.4889 | 574 | 467 |
| $G_d$ | 497_572 | 28.59 | 60.26 | 11.43 | 0.285 | 0.6009 | 541 | 541c |
| $C_d$ | 380_572 | 39.69 | 65.0 | 76.04 | 0.2196 | 0.3596 | 492 | 600 |
| $B_d$ | 380_497 | 21.12 | 14.83 | 72.29 | 0.1951 | 0.137 | 467 | 574 |
| $M_d$ | 572_497 | 80.64 | 49.84 | 72.33 | 0.3976 | 0.2457 | 541c | 541 |
| $W_d$ | 380_775 | 99.2 | 100.0 | 76.07 | 0.3603 | 0.3632 | 100% | |
| $N_d$ | 380_775 | 9.92 | 10.0 | 7.6 | 0.3603 | 0.3632 | 10% | |
| $Z_d$ | 380_775 | 17.85 | 18.0 | 13.69 | 0.3603 | 0.3632 | 18% | |

BGH21−4A

**$XYZ_W$=100.93 , 100.0 , 64.68**
**$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$**
**$B_2 = 2{,}5\ B_c\ (b_2 - b_{2,n})\ Y$**
**$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_2 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}300$**
**$C_{AB2}=[A_2^2+B_2^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_2$, $B_2$)**
**Lichtart P40, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P40**
**$Y_W$=100, $Y_N$=10**

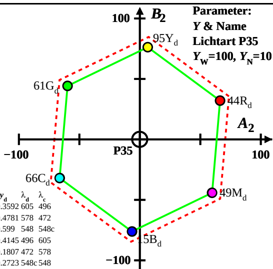



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 573_775 | 73.3 | 47.09 | 6.57 | 0.5773 | 0.3708 | 600 | 493 |
| $Y_d$ | 498_775 | 91.64 | 95.82 | 10.18 | 0.4636 | 0.4848 | 576 | 468 |
| $G_d$ | 498_573 | 28.53 | 58.83 | 10.14 | 0.2925 | 0.6033 | 540 | 540c |
| $C_d$ | 380_573 | 37.83 | 63.01 | 64.65 | 0.2285 | 0.3807 | 493 | 600 |
| $B_d$ | 380_498 | 19.49 | 14.28 | 61.04 | 0.2055 | 0.1506 | 468 | 576 |
| $M_d$ | 573_498 | 82.6 | 51.27 | 61.08 | 0.4236 | 0.2629 | 540c | 540 |
| $W_d$ | 380_775 | 100.93 | 100.0 | 64.68 | 0.3799 | 0.3764 | 100% | |
| $N_d$ | 380_775 | 10.09 | 10.0 | 6.46 | 0.3799 | 0.3764 | 10% | |
| $Z_d$ | 380_775 | 18.16 | 18.0 | 11.64 | 0.3799 | 0.3764 | 18% | |

BGH21−5A

**$XYZ_W$=103.66 , 99.99 , 52.43**
**$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$**
**$B_2 = 2{,}5\ B_c\ (b_2 - b_{2,n})\ Y$**
**$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_2 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 1{,}800$**
**$C_{AB2}=[A_2^2+B_2^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_2$, $B_2$)**
**Lichtart P35, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P35**
**$Y_W$=100, $Y_N$=10**

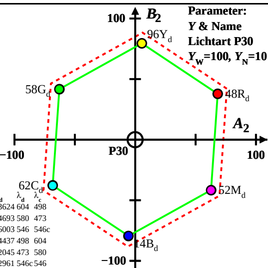



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 575_775 | 73.31 | 44.09 | 5.32 | 0.5973 | 0.3592 | 605 | 496 |
| $Y_d$ | 500_775 | 96.26 | 95.08 | 7.49 | 0.4841 | 0.4781 | 578 | 472 |
| $G_d$ | 500_575 | 33.41 | 61.08 | 7.46 | 0.3277 | 0.599 | 548 | 548c |
| $C_d$ | 380_575 | 40.82 | 66.01 | 52.4 | 0.2563 | 0.4145 | 496 | 605 |
| $B_d$ | 380_500 | 17.88 | 15.02 | 50.23 | 0.215 | 0.1807 | 472 | 578 |
| $M_d$ | 575_500 | 80.73 | 49.02 | 50.26 | 0.4484 | 0.2723 | 548c | 548 |
| $W_d$ | 380_775 | 103.66 | 99.99 | 52.43 | 0.4047 | 0.3904 | 100% | |
| $N_d$ | 380_775 | 10.36 | 9.99 | 5.24 | 0.4047 | 0.3904 | 10% | |
| $Z_d$ | 380_775 | 18.66 | 18.0 | 9.43 | 0.4047 | 0.3904 | 18% | |

BGH21−6A

**$XYZ_W$=108.04 , 100.0 , 39.55**
**$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$**
**$B_2 = 2{,}5\ B_c\ (b_2 - b_{2,n})\ Y$**
**$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_2 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 2{,}500$**
**$C_{AB2}=[A_2^2+B_2^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_2$, $B_2$)**
**Lichtart P30, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P30**
**$Y_W$=100, $Y_N$=10**

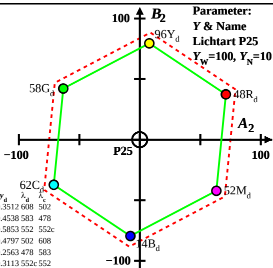



| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 578_775 | 81.18 | 48.44 | 4.03 | 0.6074 | 0.3624 | 604 | 498 |
| $Y_d$ | 503_775 | 102.61 | 96.33 | 6.3 | 0.4999 | 0.4693 | 580 | 473 |
| $G_d$ | 503_578 | 32.34 | 57.98 | 6.26 | 0.3348 | 0.6003 | 546 | 546c |
| $C_d$ | 380_578 | 37.77 | 61.66 | 39.51 | 0.2718 | 0.4437 | 498 | 604 |
| $B_d$ | 380_503 | 16.34 | 13.77 | 37.24 | 0.2426 | 0.2045 | 473 | 580 |
| $M_d$ | 578_503 | 86.62 | 52.12 | 37.28 | 0.492 | 0.2961 | 546c | 546 |
| $W_d$ | 380_775 | 108.04 | 100.0 | 39.55 | 0.4363 | 0.4038 | 100% | |
| $N_d$ | 380_775 | 10.8 | 10.0 | 3.95 | 0.4363 | 0.4038 | 10% | |
| $Z_d$ | 380_775 | 19.44 | 18.0 | 7.11 | 0.4363 | 0.4038 | 18% | |

BGH21−7A

**$XYZ_W$=115.18 , 100.0 , 26.59**
**$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$**
**$B_2 = 2{,}5\ B_c\ (b_2 - b_{2,n})\ Y$**
**$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$**
**$b_2 = b_{20}\ [\ z\ /\ y]$**
**$a_{20} = 1,\ b_{20} = -0{,}4$**
**$x_c = 0{,}110,\ B_c = 3{,}700$**
**$C_{AB2}=[A_2^2+B_2^2]^{1/2}$**
**6 *Ostwald*-Farben (o)**
**von maximalem (m) $C_{AB}$ im**
**Buntwertdiagram ($A_2$, $B_2$)**
**Lichtart P25, $Y_W$=100, $Y_N$=10**

**Parameter:**
***Y* & Name**
**Lichtart P25**
**$Y_W$=100, $Y_N$=10**




| Name | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 582_775 | 86.18 | 48.13 | 2.71 | 0.6288 | 0.3512 | 608 | 502 |
| $Y_d$ | 506_775 | 111.68 | 96.2 | 4.08 | 0.5268 | 0.4538 | 583 | 478 |
| $G_d$ | 506_582 | 37.13 | 58.16 | 4.05 | 0.3737 | 0.5853 | 552 | 552c |
| $C_d$ | 380_582 | 40.64 | 61.97 | 26.56 | 0.3146 | 0.4797 | 502 | 608 |
| $B_d$ | 380_506 | 15.13 | 13.9 | 25.19 | 0.2791 | 0.2563 | 478 | 583 |
| $M_d$ | 582_506 | 89.69 | 51.94 | 25.22 | 0.5375 | 0.3113 | 552c | 552 |
| $W_d$ | 380_775 | 115.18 | 100.0 | 26.59 | 0.4764 | 0.4136 | 100% | |
| $N_d$ | 380_775 | 11.51 | 10.0 | 2.65 | 0.4764 | 0.4136 | 10% | |
| $Z_d$ | 380_775 | 20.73 | 18.0 | 4.78 | 0.4764 | 0.4136 | 18% | |

BGH21−8A

BGH21−7N

TUB-Registrierung: 20220301-BGH2/BGH2L0NA.TXT /.PS
TUB-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Display- oder Druck-Ausgabe

TUB-Prüfvorlage BGH2; 6 *Ostwald*-Optimalfarben für 8 Lichtarten Pxx, Eingabe: *rgb/cmy0/000k/n*
CIE-02, Diagramme ($A_1$, $B_1$) & ($A_2$, $B_2$), $C$=10:1