$XYZ_{W,10}$=97.09 , 99.99 , 104.01

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$

$a_{20}$ = 1, $b_{20}$ = −0,4

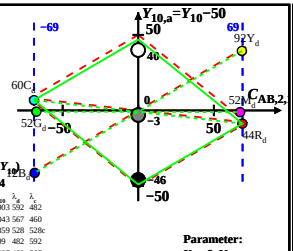
$x_c$ = 0,110, $B_c$ = 0,800

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) $C_{AB,10}$ im linearen Farbenraum ($C_{AB,2,10}$, $Y_{10}$)

Lichtart P60, $Y_{W,10}$=100, $Y_{N,10}$=4




| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 563_775 | 64.92 | 44.29 | 4.26 | 0.572 | 0.3903 | 592 | 482 |
| $Y_d$ | 487_775 | 80.34 | 92.41 | 10.48 | 0.4384 | 0.5043 | 567 | 460 |
| $G_d$ | 487_563 | 19.39 | 52.21 | 10.48 | 0.2362 | 0.6359 | 528 | 528c |
| $C_d$ | 380_563 | 36.15 | 59.8 | 104.02 | 0.1807 | 0.2991 | 482 | 592 |
| $B_d$ | 380_487 | 20.73 | 11.69 | 97.79 | 0.1592 | 0.0897 | 460 | 567 |
| M | 563_487 | 81.68 | 51.89 | 97.79 | 0.353 | 0.2242 | 528c | 528 |
| W | 380_775 | 97.09 | 99.99 | 104.01 | 0.3224 | 0.3321 | 100% | |
| $N_d$ | 380_775 | 3.88 | 3.99 | 4.16 | 0.3224 | 0.332 | 4% | |
| $Z_d$ | 380_775 | 17.47 | 17.99 | 18.72 | 0.3224 | 0.3321 | 18% | |

Parameter:
$Y_{10}$ & Name
Lichtart P60
$Y_{W,10}$=100, $Y_{N,10}$=4

BGO11−1A

$XYZ_{W,10}$=97.65 , 100.0 , 95.55

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$

$a_{20}$ = 1, $b_{20}$ = −0,4

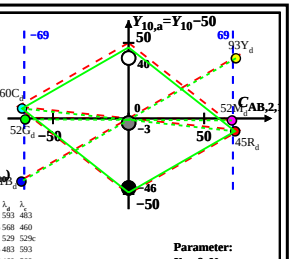
$x_c$ = 0,110, $B_c$ = 0,900

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) $C_{AB,10}$ im linearen Farbenraum ($C_{AB,2,10}$, $Y_{10}$)

Lichtart P55, $Y_{W,10}$=100, $Y_{N,10}$=4




| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 564_775 | 66.24 | 44.52 | 3.91 | 0.5776 | 0.3882 | 593 | 483 |
| $Y_d$ | 488_775 | 82.36 | 92.83 | 9.86 | 0.445 | 0.5016 | 568 | 460 |
| $G_d$ | 488_564 | 20.12 | 52.41 | 9.86 | 0.2442 | 0.636 | 529 | 529c |
| $C_d$ | 380_564 | 35.41 | 59.57 | 95.55 | 0.1858 | 0.3126 | 483 | 593 |
| $B_d$ | 380_488 | 19.29 | 11.26 | 89.61 | 0.1605 | 0.0937 | 460 | 568 |
| M | 564_488 | 81.53 | 51.69 | 89.61 | 0.3658 | 0.2319 | 529c | 529 |
| W | 380_775 | 97.65 | 100.0 | 95.55 | 0.333 | 0.341 | 100% | |
| $N_d$ | 380_775 | 3.9 | 4.0 | 3.82 | 0.333 | 0.341 | 4% | |
| $Z_d$ | 380_775 | 17.57 | 18.0 | 17.19 | 0.333 | 0.341 | 18% | |

Parameter:
$Y_{10}$ & Name
Lichtart P55
$Y_{W,10}$=100, $Y_{N,10}$=4

BGO11−2A

$XYZ_{W,10}$=98.51 , 99.99 , 86.17

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$

$a_{20}$ = 1, $b_{20}$ = −0,4

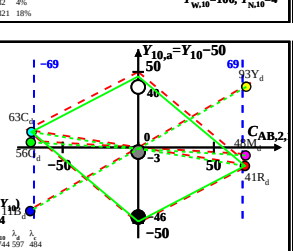
$x_c$ = 0,110, $B_c$ = 1,000

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) $C_{AB,10}$ im linearen Farbenraum ($C_{AB,2,10}$, $Y_{10}$)

Lichtart P50, $Y_{W,10}$=100, $Y_{N,10}$=4




| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 565_775 | 64.60 | 40.83 | 3.53 | 0.5931 | 0.3744 | 597 | 484 |
| $Y_d$ | 489_775 | 84.82 | 93.14 | 8.87 | 0.4539 | 0.4985 | 569 | 461 |
| $G_d$ | 489_565 | 24.18 | 56.41 | 8.87 | 0.2702 | 0.6304 | 534 | 534c |
| $C_d$ | 380_565 | 37.87 | 63.26 | 86.17 | 0.2021 | 0.3377 | 484 | 597 |
| $B_d$ | 380_489 | 17.72 | 10.95 | 80.82 | 0.1618 | 0.1 | 461 | 569 |
| M | 565_489 | 78.37 | 47.69 | 80.82 | 0.3788 | 0.2305 | 534c | 534 |
| W | 380_775 | 98.51 | 99.99 | 86.17 | 0.346 | 0.3512 | 100% | |
| $N_d$ | 380_775 | 3.94 | 3.99 | 3.44 | 0.346 | 0.3512 | 4% | |
| $Z_d$ | 380_775 | 17.73 | 17.99 | 15.51 | 0.346 | 0.3512 | 18% | |

Parameter:
$Y_{10}$ & Name
Lichtart P50
$Y_{W,10}$=100, $Y_{N,10}$=4

BGO11−3A

$XYZ_{W,10}$=99.8 , 100.0 , 75.8

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$

$a_{20}$ = 1, $b_{20}$ = −0,4

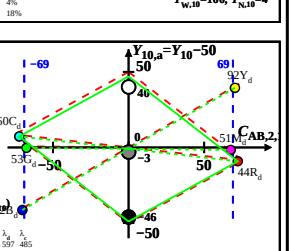
$x_c$ = 0,110, $B_c$ = 1,100

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) $C_{AB,10}$ im linearen Farbenraum ($C_{AB,2,10}$, $Y_{10}$)

Lichtart P45, $Y_{W,10}$=100, $Y_{N,10}$=4




| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 567_775 | 68.89 | 43.82 | 3.1 | 0.5947 | 0.3783 | 597 | 485 |
| $Y_d$ | 490_775 | 87.82 | 92.45 | 6.47 | 0.4702 | 0.495 | 571 | 465 |
| $G_d$ | 490_567 | 23.02 | 52.73 | 6.47 | 0.2799 | 0.6412 | 536 | 536c |
| $C_d$ | 380_567 | 35.0 | 60.27 | 75.81 | 0.2046 | 0.3522 | 485 | 597 |
| $B_d$ | 380_490 | 16.07 | 11.64 | 72.43 | 0.1605 | 0.1162 | 465 | 571 |
| M | 567_490 | 80.87 | 51.37 | 72.43 | 0.3951 | 0.2509 | 536c | 536 |
| W | 380_775 | 99.8 | 100.0 | 75.8 | 0.3621 | 0.3628 | 100% | |
| $N_d$ | 380_775 | 3.99 | 4.0 | 3.03 | 0.3621 | 0.3628 | 4% | |
| $Z_d$ | 380_775 | 17.96 | 18.0 | 13.64 | 0.3621 | 0.3628 | 18% | |

Parameter:
$Y_{10}$ & Name
Lichtart P45
$Y_{W,10}$=100, $Y_{N,10}$=4

BGO11−4A

$XYZ_{W,10}$=101.75 , 100.0 , 64.44

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$

$a_{20}$ = 1, $b_{20}$ = −0,4

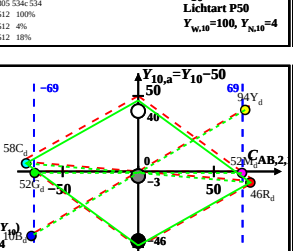
$x_c$ = 0,110, $B_c$ = 1,300

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) $C_{AB,10}$ im linearen Farbenraum ($C_{AB,2,10}$, $Y_{10}$)

Lichtart P40, $Y_{W,10}$=100, $Y_{N,10}$=4




| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 569_775 | 72.63 | 45.71 | 2.64 | 0.6003 | 0.3778 | 597 | 487 |
| $Y_d$ | 492_775 | 91.71 | 93.7 | 6.23 | 0.4785 | 0.4889 | 572 | 465 |
| $G_d$ | 492_569 | 23.25 | 52.09 | 6.23 | 0.285 | 0.6385 | 535 | 535c |
| $C_d$ | 380_569 | 33.29 | 58.38 | 64.44 | 0.2132 | 0.3739 | 487 | 597 |
| $B_d$ | 380_492 | 14.21 | 10.39 | 60.86 | 0.1662 | 0.1216 | 465 | 572 |
| M | 569_492 | 82.67 | 52.01 | 60.86 | 0.4227 | 0.2659 | 535c | 535 |
| W | 380_775 | 101.7 | 100.0 | 64.44 | 0.3822 | 0.3756 | 100% | |
| $N_d$ | 380_775 | 4.07 | 4.0 | 2.57 | 0.3822 | 0.3756 | 4% | |
| $Z_d$ | 380_775 | 18.31 | 18.0 | 11.6 | 0.3822 | 0.3756 | 18% | |

Parameter:
$Y_{10}$ & Name
Lichtart P40
$Y_{W,10}$=100, $Y_{N,10}$=4

BGO11−5A

$XYZ_{W,10}$=104.71 , 99.99 , 52.16

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$

$a_{20}$ = 1, $b_{20}$ = −0,4

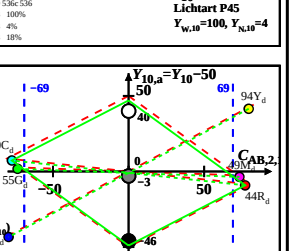
$x_c$ = 0,110, $B_c$ = 1,800

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) $C_{AB,10}$ im linearen Farbenraum ($C_{AB,2,10}$, $Y_{10}$)

Lichtart P35, $Y_{W,10}$=100, $Y_{N,10}$=4




| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 571_775 | 73.72 | 43.83 | 2.13 | 0.6158 | 0.3663 | 601 | 489 |
| $Y_d$ | 494_775 | 96.73 | 94.47 | 5.3 | 0.4922 | 0.4807 | 574 | 466 |
| $G_d$ | 494_571 | 27.3 | 54.71 | 5.3 | 0.3126 | 0.6265 | 540 | 540c |
| $C_d$ | 380_571 | 35.28 | 60.24 | 52.16 | 0.2389 | 0.4079 | 489 | 601 |
| $B_d$ | 380_494 | 12.27 | 9.63 | 49.0 | 0.1731 | 0.1358 | 466 | 574 |
| M | 571_494 | 81.7 | 49.39 | 49.0 | 0.4536 | 0.2742 | 540c | 540 |
| W | 380_775 | 104.7 | 199.99 | 52.16 | 0.4076 | 0.3892 | 100% | |
| $N_d$ | 380_775 | 4.18 | 3.99 | 2.08 | 0.4076 | 0.3892 | 4% | |
| $Z_d$ | 380_775 | 18.84 | 17.99 | 9.38 | 0.4076 | 0.3892 | 18% | |

Parameter:
$Y_{10}$ & Name
Lichtart P35
$Y_{W,10}$=100, $Y_{N,10}$=4

BGO11−6A

$XYZ_{W,10}$=109.29 , 99.99 , 39.19

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$

$a_{20}$ = 1, $b_{20}$ = −0,4

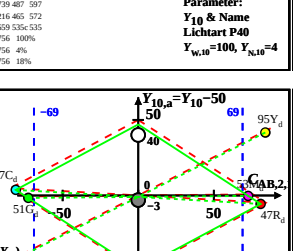
$x_c$ = 0,110, $B_c$ = 2,500

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) $C_{AB,10}$ im linearen Farbenraum ($C_{AB,2,10}$, $Y_{10}$)

Lichtart P30, $Y_{W,10}$=100, $Y_{N,10}$=4




| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 574_775 | 80.72 | 47.39 | 1.6 | 0.6222 | 0.3653 | 602 | 491 |
| $Y_d$ | 497_775 | 103.4 | 94.68 | 3.68 | 0.5125 | 0.4691 | 577 | 469 |
| $G_d$ | 497_574 | 27.19 | 51.39 | 3.68 | 0.3305 | 0.6246 | 542 | 542c |
| $C_d$ | 380_574 | 33.05 | 56.7 | 39.2 | 0.2563 | 0.4397 | 491 | 602 |
| $B_d$ | 380_497 | 10.33 | 9.41 | 37.12 | 0.1817 | 0.1655 | 469 | 577 |
| M | 574_497 | 86.58 | 52.71 | 37.12 | 0.4907 | 0.2987 | 542c | 542 |
| W | 380_775 | 109.2 | 999.99 | 39.19 | 0.4398 | 0.4024 | 100% | |
| $N_d$ | 380_775 | 4.37 | 3.99 | 1.56 | 0.4398 | 0.4024 | 4% | |
| $Z_d$ | 380_775 | 19.67 | 17.99 | 7.05 | 0.4398 | 0.4024 | 18% | |

Parameter:
$Y_{10}$ & Name
Lichtart P30
$Y_{W,10}$=100, $Y_{N,10}$=4

BGO11−7A

$XYZ_{W,10}$=116.54 , 99.99 , 26.13

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$

$a_{20}$ = 1, $b_{20}$ = −0,4

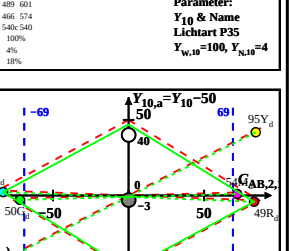
$x_c$ = 0,110, $B_c$ = 3,700

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) $C_{AB,10}$ im linearen Farbenraum ($C_{AB,2,10}$, $Y_{10}$)

Lichtart P25, $Y_{W,10}$=100, $Y_{N,10}$=4




| Name | Bereich | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 578_775 | 87.32 | 48.86 | 1.07 | 0.6362 | 0.3559 | 605 | 495 |
| $Y_d$ | 500_775 | 112.7 | 894.86 | 2.25 | 0.5373 | 0.4519 | 580 | 473 |
| $G_d$ | 500_578 | 30.23 | 50.1 | 2.25 | 0.366 | 6.0666 | 547 | 547c |
| $C_d$ | 380_578 | 33.09 | 55.24 | 26.13 | 0.2946 | 0.4787 | 495 | 605 |
| $B_d$ | 380_500 | 8.54 | 9.23 | 24.95 | 0.1999 | 0.2161 | 473 | 580 |
| M | 578_500 | 91.09 | 54.0 | 24.95 | 0.5356 | 0.3175 | 547c | 547 |
| W | 380_775 | 116.5 | 499.99 | 26.13 | 0.4802 | 0.412 | 100% | |
| $N_d$ | 380_775 | 4.66 | 3.99 | 1.04 | 0.4802 | 0.412 | 4% | |
| $Z_d$ | 380_775 | 20.97 | 17.99 | 4.7 | 0.4802 | 0.412 | 18% | |

Parameter:
$Y_{10}$ & Name
Lichtart P25
$Y_{W,10}$=100, $Y_{N,10}$=4

BGO11−8A