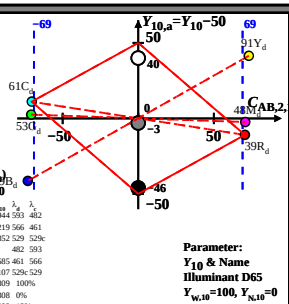
$XYZ_{W,10}$=94.81 , 100.0 , 107.33
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_2 = 0{,}800$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
linear colour space ($C_{AB,2,10}$, $Y_{10}$)
Illumin. D65, $Y_{W,10}$=100, $Y_{N,10}$=0

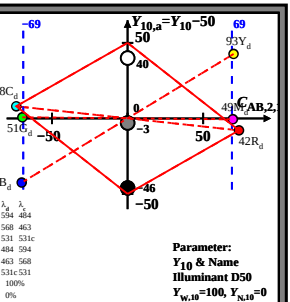



Parameter:
$Y_{10}$ & Name
Illuminant D65
$Y_{W,10}$=100, $Y_{N,10}$=0

| Name | Range | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 561_775 | 59.84 | 39.12 | 0.21 | 0.6033 | 0.3944 | 593 | 482 |
| $Y_d$ | 487_775 | 76.97 | 91.46 | 6.8 | 0.4392 | 0.5219 | 566 | 461 |
| $G_d$ | 487_561 | 17.32 | 52.54 | 6.8 | 0.2259 | 0.6852 | 529 | 529c |
| $C_d$ | 380_561 | 35.16 | 61.07 | 107.33 | 0.1727 | 0.3 | 482 | 593 |
| $B_d$ | 380_487 | 18.02 | 8.73 | 100.74 | 0.1413 | 0.0685 | 461 | 566 |
| $M_d$ | 561_487 | 77.67 | 47.65 | 100.74 | 0.3435 | 0.2107 | 529c | 529 |
| $W_d$ | 380_775 | 94.81 | 100.0 | 107.33 | 0.3137 | 0.3309 | 100% | |
| $N_d$ | 380_775 | 0.09 | 0.1 | 0.1 | 0.3136 | 0.3308 | 0% | |
| $Z_d$ | 380_775 | 17.06 | 18.0 | 19.32 | 0.3137 | 0.3309 | 18% | |

BE051-1A

$XYZ_{W,10}$=96.72 , 99.99 , 81.41
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_2 = 1{,}000$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
linear colour space ($C_{AB,2,10}$, $Y_{10}$)
Illumin. D50, $Y_{W,10}$=100, $Y_{N,10}$=0

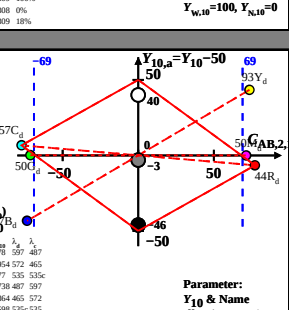



Parameter:
$Y_{10}$ & Name
Illuminant D50
$Y_{W,10}$=100, $Y_{N,10}$=0

| Name | Range | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 565_775 | 65.87 | 42.12 | 0.16 | 0.609 | 0.3894 | 594 | 484 |
| $Y_d$ | 490_775 | 83.5 | 92.67 | 5.5 | 0.4596 | 0.51 | 568 | 463 |
| $G_d$ | 490_565 | 17.81 | 50.74 | 5.5 | 0.2405 | 0.685 | 531 | 531c |
| $C_d$ | 380_565 | 31.04 | 58.07 | 81.41 | 0.182 | 0.3405 | 484 | 594 |
| $B_d$ | 380_490 | 13.41 | 7.52 | 76.06 | 0.1382 | 0.0775 | 463 | 568 |
| $M_d$ | 565_490 | 79.1 | 49.45 | 76.06 | 0.3865 | 0.2416 | 531c | 531 |
| $W_d$ | 380_775 | 96.72 | 99.99 | 81.41 | 0.3477 | 0.3595 | 100% | |
| $N_d$ | 380_775 | 0.09 | 0.09 | 0.08 | 0.3476 | 0.3594 | 0% | |
| $Z_d$ | 380_775 | 17.41 | 17.99 | 14.65 | 0.3477 | 0.3595 | 18% | |

BE051-2A

$XYZ_{W,10}$=101.75 , 100.0 , 64.44
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_2 = 1{,}300$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
linear colour space ($C_{AB,2,10}$, $Y_{10}$)
Illumin. P40, $Y_{W,10}$=100, $Y_{N,10}$=0

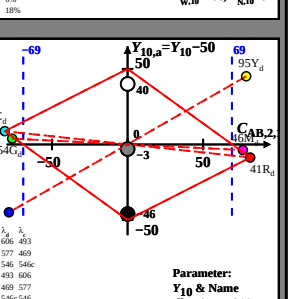



Parameter:
$Y_{10}$ & Name
Illuminant P40
$Y_{W,10}$=100, $Y_{N,10}$=0

| Name | Range | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 569_775 | 71.44 | 43.5 | 0.12 | 0.6208 | 0.378 | 597 | 487 |
| $Y_d$ | 492_775 | 91.3 | 93.44 | 3.86 | 0.484 | 0.4954 | 572 | 465 |
| $G_d$ | 492_569 | 20.05 | 50.14 | 3.86 | 0.2708 | 0.677 | 535 | 535c |
| $C_d$ | 380_569 | 30.5 | 56.69 | 64.44 | 0.2011 | 0.3738 | 487 | 597 |
| $B_d$ | 380_492 | 10.65 | 6.75 | 60.71 | 0.1363 | 0.0864 | 465 | 572 |
| $M_d$ | 569_492 | 81.89 | 50.05 | 60.71 | 0.425 | 0.2598 | 535c | 535 |
| $W_d$ | 380_775 | 101.75 | 100.0 | 64.44 | 0.3822 | 0.3756 | 100% | |
| $N_d$ | 380_775 | 0.1 | 0.1 | 0.06 | 0.382 | 0.3755 | 0% | |
| $Z_d$ | 380_775 | 18.31 | 18.0 | 11.6 | 0.3822 | 0.3756 | 18% | |

BE051-3A

$XYZ_{W,10}$=111.15 , 99.99 , 35.19
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_2 = 2{,}500$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
linear colour space ($C_{AB,2,10}$, $Y_{10}$)
Illumin. A00, $Y_{W,10}$=100, $Y_{N,10}$=0

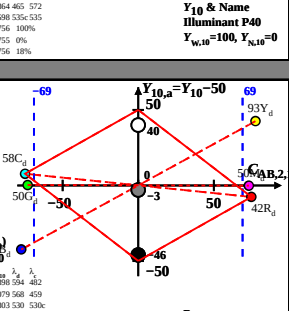



Parameter:
$Y_{10}$ & Name
Illuminant A00
$Y_{W,10}$=100, $Y_{N,10}$=0

| Name | Range | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 575_775 | 76.86 | 41.39 | 0.07 | 0.6496 | 0.3498 | 606 | 493 |
| $Y_d$ | 498_775 | 105.73 | 95.07 | 2.27 | 0.5206 | 0.4681 | 577 | 469 |
| $G_d$ | 498_575 | 29.08 | 53.88 | 2.27 | 0.3412 | 0.6321 | 546 | 546c |
| $C_d$ | 380_575 | 34.5 | 58.8 | 35.19 | 0.2685 | 0.4576 | 493 | 606 |
| $B_d$ | 380_498 | 5.63 | 5.12 | 32.99 | 0.1288 | 0.117 | 469 | 577 |
| $M_d$ | 575_498 | 82.28 | 46.31 | 32.99 | 0.5091 | 0.2865 | 546c | 546 |
| $W_d$ | 380_775 | 111.15 | 99.99 | 35.19 | 0.4511 | 0.4059 | 100% | |
| $N_d$ | 380_775 | 0.11 | 0.09 | 0.03 | 0.451 | 0.4057 | 0% | |
| $Z_d$ | 380_775 | 20.0 | 18.0 | 6.33 | 0.4511 | 0.4059 | 18% | |

BE051-4A

$XYZ_{W,10}$=99.99 , 99.99 , 100.0
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_2 = 0{,}900$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
linear colour space ($C_{AB,2,10}$, $Y_{10}$)
Illumin. E00, $Y_{W,10}$=100, $Y_{N,10}$=0

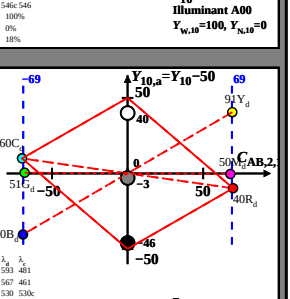



Parameter:
$Y_{10}$ & Name
Illuminant E00
$Y_{W,10}$=100, $Y_{N,10}$=0

| Name | Range | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 564_775 | 66.2 | 42.43 | 0.2 | 0.6082 | 0.3898 | 594 | 482 |
| $Y_d$ | 487_775 | 83.17 | 92.54 | 6.46 | 0.4565 | 0.5079 | 568 | 459 |
| $G_d$ | 487_564 | 17.17 | 50.3 | 6.46 | 0.2322 | 0.6803 | 530 | 530c |
| $C_d$ | 380_564 | 33.98 | 57.76 | 100.0 | 0.1772 | 0.3012 | 482 | 594 |
| $B_d$ | 380_487 | 17.01 | 7.65 | 93.74 | 0.1436 | 0.0646 | 459 | 568 |
| $M_d$ | 564_487 | 83.01 | 49.89 | 93.74 | 0.3662 | 0.2201 | 530c | 530 |
| $W_d$ | 380_775 | 99.99 | 99.99 | 100.0 | 0.3333 | 0.3333 | 100% | |
| $N_d$ | 380_775 | 0.09 | 0.09 | 0.1 | 0.3331 | 0.3332 | 0% | |
| $Z_d$ | 380_775 | 17.99 | 17.99 | 18.0 | 0.3333 | 0.3333 | 18% | |

BE051-5A

$XYZ_{W,10}$=97.28 , 99.99 , 116.14
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_2 = 0{,}700$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
linear colour space ($C_{AB,2,10}$, $Y_{10}$)
Illumin. C00, $Y_{W,10}$=100, $Y_{N,10}$=0

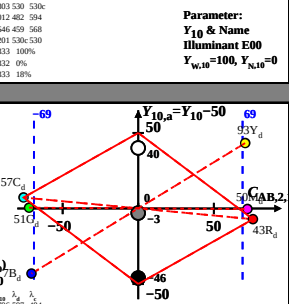



Parameter:
$Y_{10}$ & Name
Illuminant C00
$Y_{W,10}$=100, $Y_{N,10}$=0

| Name | Range | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 561_775 | 61.15 | 40.24 | 0.23 | 0.6017 | 0.3959 | 593 | 481 |
| $Y_d$ | 486_775 | 77.82 | 90.55 | 6.36 | 0.4453 | 0.5182 | 567 | 461 |
| $G_d$ | 486_561 | 16.86 | 50.51 | 6.36 | 0.2286 | 0.685 | 530 | 530c |
| $C_d$ | 380_561 | 36.32 | 59.95 | 116.14 | 0.1709 | 0.2822 | 481 | 593 |
| $B_d$ | 380_486 | 19.65 | 9.64 | 110.01 | 0.141 | 0.0692 | 461 | 567 |
| $M_d$ | 561_486 | 80.62 | 49.68 | 110.01 | 0.3354 | 0.2067 | 530c | 530 |
| $W_d$ | 380_775 | 97.28 | 99.99 | 116.14 | 0.3103 | 0.319 | 100% | |
| $N_d$ | 380_775 | 0.09 | 0.09 | 0.11 | 0.3102 | 0.3189 | 0% | |
| $Z_d$ | 380_775 | 17.51 | 18.0 | 20.9 | 0.3103 | 0.319 | 18% | |

BE051-6A

$XYZ_{W,10}$=102.37 , 99.99 , 81.25
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_2 = 1{,}000$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
linear colour space ($C_{AB,2,10}$, $Y_{10}$)
Illumin. P00, $Y_{W,10}$=100, $Y_{N,10}$=0

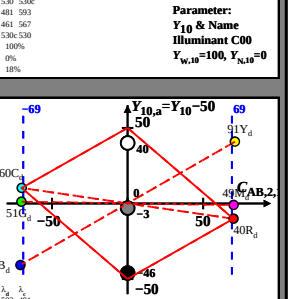



Parameter:
$Y_{10}$ & Name
Illuminant P00
$Y_{W,10}$=100, $Y_{N,10}$=0

| Name | Range | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 567_775 | 69.98 | 42.93 | 0.16 | 0.6189 | 0.3796 | 597 | 484 |
| $Y_d$ | 489_775 | 88.89 | 93.25 | 5.23 | 0.4743 | 0.4976 | 571 | 461 |
| $G_d$ | 489_567 | 19.1 | 50.52 | 5.23 | 0.2551 | 0.6748 | 533 | 533c |
| $C_d$ | 380_567 | 32.59 | 57.26 | 81.25 | 0.1904 | 0.3346 | 484 | 597 |
| $B_d$ | 380_489 | 13.68 | 6.94 | 76.17 | 0.1414 | 0.0717 | 461 | 571 |
| $M_d$ | 567_489 | 83.47 | 49.67 | 76.17 | 0.3987 | 0.2373 | 533c | 533 |
| $W_d$ | 380_775 | 102.37 | 99.99 | 81.25 | 0.3609 | 0.3525 | 100% | |
| $N_d$ | 380_775 | 0.1 | 0.09 | 0.08 | 0.3608 | 0.3524 | 0% | |
| $Z_d$ | 380_775 | 18.42 | 18.0 | 14.62 | 0.3609 | 0.3525 | 18% | |

BE051-7A

$XYZ_{W,10}$=97.65 , 100.0 , 118.42
$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n10})\ Y_{10}$
$B_{2,10} = 2{,}5\ B_2\ (b_{2,10} - b_{2,n10})\ Y_{10}$
$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /y_{10}]$
$b_{2,10} = b_{20}\ [\ z_{10}\ /y_{10}]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_2 = 0{,}700$
$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
linear colour space ($C_{AB,2,10}$, $Y_{10}$)
Illumin. Q00, $Y_{W,10}$=100, $Y_{N,10}$=0




Parameter:
$Y_{10}$ & Name
Illuminant Q00
$Y_{W,10}$=100, $Y_{N,10}$=0

| Name | Range | $X_{A,10}$ | $Y_{A,10}$ | $Z_{A,10}$ | $x_{A,10}$ | $y_{A,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 561_775 | 60.93 | 39.91 | 0.23 | 0.6028 | 0.3948 | 593 | 481 |
| $Y_d$ | 486_775 | 77.48 | 90.9 | 6.21 | 0.4437 | 0.5206 | 566 | 459 |
| $G_d$ | 486_561 | 16.74 | 51.18 | 6.21 | 0.2258 | 0.6903 | 530 | 530c |
| $C_d$ | 380_561 | 36.9 | 60.28 | 118.42 | 0.1711 | 0.2796 | 481 | 593 |
| $B_d$ | 380_486 | 20.35 | 9.29 | 112.44 | 0.1432 | 0.0654 | 459 | 566 |
| $M_d$ | 561_486 | 81.1 | 49.01 | 112.44 | 0.3343 | 0.202 | 530c | 530 |
| $W_d$ | 380_775 | 97.65 | 100.0 | 118.42 | 0.3089 | 0.3163 | 100% | |
| $N_d$ | 380_775 | 0.09 | 0.1 | 0.11 | 0.3088 | 0.3162 | 0% | |
| $Z_d$ | 380_775 | 17.57 | 18.0 | 21.31 | 0.3089 | 0.3163 | 18% | |

BE051-8A