**$XYZ_W$=97.06 , 99.99 , 104.57**

$A_2 = 2{,}5\ (a_2 - a_{2n})\ Y$

$B_2 = 2{,}5\ B_c\ (b_2 - b_{2n})\ Y$

$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$

$b_2 = b_{20}\ [\ z\ /\ y]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_c = 0{,}800$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 *Ostwald* colours (o)

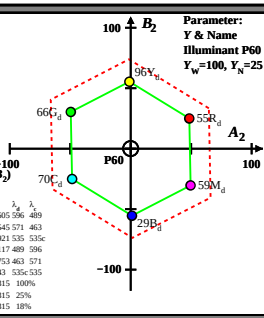
of maximum (m) $C_{AB}$ in chromatic value diagram ($A_2$, $B_2$)

Illumin. P60, $Y_W$=100, $Y_N$=25

Parameter: *Y* & Name

Illuminant P60

$Y_W$=100, $Y_N$=25




| Name | Range | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 568_775 | 71.38 | 55.07 | 26.28 | 0.4673 | 0.3605 | 596 | 489 | |
| $Y_d$ | 494_775 | 84.09 | 95.96 | 31.05 | 0.3983 | 0.4545 | 571 | 463 | |
| $G_d$ | 494_568 | 37.07 | 65.98 | 31.01 | 0.2765 | 0.4921 | 535 | 535c | |
| $C_d$ | 380_568 | 50.07 | 70.04 | 104.56 | 0.2228 | 0.3117 | 489 | 596 | |
| $B_d$ | 380_494 | 37.36 | 29.16 | 99.79 | 0.2246 | 0.1753 | 463 | 571 | |
| $M_d$ | 568_494 | 84.38 | 59.13 | 99.83 | 0.3467 | 0.243 | | 535c | 535 |
| W | 380_775 | 97.06 | 99.99 | 104.57 | 0.3218 | 0.3315 | | 100% | |
| $N_d$ | 380_775 | 24.26 | 24.99 | 26.14 | 0.3218 | 0.3315 | | 25% | |
| $Z_d$ | 380_775 | 17.47 | 17.99 | 18.82 | 0.3218 | 0.3315 | | 18% | |

BEH31-1A

**$XYZ_W$=97.45 , 100.0 , 95.98**

$A_2 = 2{,}5\ (a_2 - a_{2n})\ Y$

$B_2 = 2{,}5\ B_c\ (b_2 - b_{2n})\ Y$

$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$

$b_2 = b_{20}\ [\ z\ /\ y]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_c = 0{,}900$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 *Ostwald* colours (o)

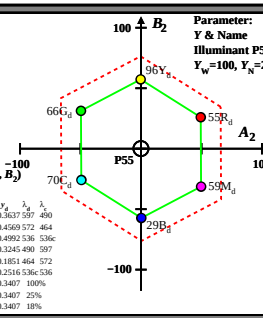
of maximum (m) $C_{AB}$ in chromatic value diagram ($A_2$, $B_2$)

Illumin. P55, $Y_W$=100, $Y_N$=25

Parameter: *Y* & Name

Illuminant P55

$Y_W$=100, $Y_N$=25




| Name | Range | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 569_775 | 72.43 | 55.21 | 24.12 | 0.4772 | 0.3637 | 597 | 490 | |
| $Y_d$ | 494_775 | 85.62 | 96.07 | 28.53 | 0.4072 | 0.4569 | 572 | 464 | |
| $G_d$ | 494_569 | 37.65 | 65.96 | 28.49 | 0.285 | 0.4992 | 536 | 536c | |
| $C_d$ | 380_569 | 49.5 | 69.91 | 95.97 | 0.2298 | 0.3245 | 490 | 597 | |
| $B_d$ | 380_494 | 36.31 | 29.05 | 91.56 | 0.2314 | 0.1851 | 464 | 572 | |
| $M_d$ | 569_494 | 84.29 | 59.16 | 91.6 | 0.3586 | 0.2516 | 536c | 536 | |
| W | 380_775 | 97.45 | 100.0 | 95.98 | 0.3321 | 0.3407 | | 100% | |
| $N_d$ | 380_775 | 24.36 | 25.0 | 23.99 | 0.3321 | 0.3407 | | 25% | |
| $Z_d$ | 380_775 | 17.54 | 18.0 | 17.27 | 0.3321 | 0.3407 | | 18% | |

BEH31-2A

**$XYZ_W$=98.12 , 100.0 , 86.5**

$A_2 = 2{,}5\ (a_2 - a_{2n})\ Y$

$B_2 = 2{,}5\ B_c\ (b_2 - b_{2n})\ Y$

$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$

$b_2 = b_{20}\ [\ z\ /\ y]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_c = 1{,}000$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 *Ostwald* colours (o)

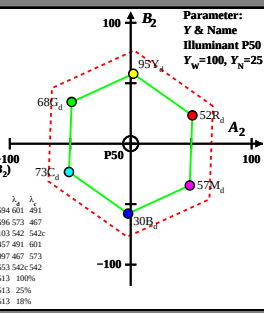
of maximum (m) $C_{AB}$ in chromatic value diagram ($A_2$, $B_2$)

Illumin. P50, $Y_W$=100, $Y_N$=25

Parameter: *Y* & Name

Illuminant P50

$Y_W$=100, $Y_N$=25




| Name | Range | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 570_775 | 71.2 | 52.15 | 21.74 | 0.4907 | 0.3594 | 601 | 491 | |
| $Y_d$ | 495_775 | 87.5 | 95.47 | 24.74 | 0.4212 | 0.4596 | 573 | 467 | |
| $G_d$ | 495_570 | 40.92 | 68.42 | 24.71 | 0.3052 | 0.5103 | 542 | 542c | |
| $C_d$ | 380_570 | 51.57 | 72.97 | 86.49 | 0.2443 | 0.3457 | 491 | 601 | |
| $B_d$ | 380_495 | 35.27 | 29.64 | 83.49 | 0.2376 | 0.1997 | 467 | 573 | |
| $M_d$ | 570_495 | 81.85 | 56.7 | 83.52 | 0.3685 | 0.2553 | 542c | 542 | |
| W | 380_775 | 98.12 | 100.0 | 86.5 | 0.3447 | 0.3513 | | 100% | |
| $N_d$ | 380_775 | 24.53 | 25.0 | 21.62 | 0.3447 | 0.3513 | | 25% | |
| $Z_d$ | 380_775 | 17.66 | 18.0 | 15.57 | 0.3447 | 0.3513 | | 18% | |

BEH31-3A

**$XYZ_W$=99.2 , 100.0 , 76.07**

$A_2 = 2{,}5\ (a_2 - a_{2n})\ Y$

$B_2 = 2{,}5\ B_c\ (b_2 - b_{2n})\ Y$

$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$

$b_2 = b_{20}\ [\ z\ /\ y]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_c = 1{,}100$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 *Ostwald* colours (o)

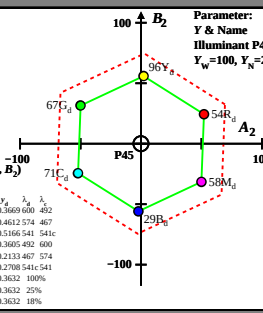
of maximum (m) $C_{AB}$ in chromatic value diagram ($A_2$, $B_2$)

Illumin. P45, $Y_W$=100, $Y_N$=25

Parameter: *Y* & Name

Illuminant P45

$Y_W$=100, $Y_N$=25




| Name | Range | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 572_775 | 74.5 | 54.26 | 19.12 | 0.5037 | 0.3669 | 600 | 492 | |
| $Y_d$ | 497_775 | 89.97 | 96.07 | 22.25 | 0.4319 | 0.4612 | 574 | 467 | |
| $G_d$ | 497_572 | 40.37 | 66.9 | 22.21 | 0.3117 | 0.5166 | 541 | 541c | |
| $C_d$ | 380_572 | 49.63 | 70.85 | 76.05 | 0.2525 | 0.3605 | 492 | 600 | |
| $B_d$ | 380_497 | 34.15 | 29.04 | 72.93 | 0.2508 | 0.2133 | 467 | 574 | |
| $M_d$ | 572_497 | 83.75 | 58.21 | 72.96 | 0.3896 | 0.2708 | 541c | 541 | |
| W | 380_775 | 99.2 | 100.0 | 76.07 | 0.3603 | 0.3632 | | 100% | |
| $N_d$ | 380_775 | 24.8 | 25.0 | 19.01 | 0.3603 | 0.3632 | | 25% | |
| $Z_d$ | 380_775 | 17.85 | 18.0 | 13.69 | 0.3603 | 0.3632 | | 18% | |

BEH31-4A

**$XYZ_W$=100.93 , 100.0 , 64.68**

$A_2 = 2{,}5\ (a_2 - a_{2n})\ Y$

$B_2 = 2{,}5\ B_c\ (b_2 - b_{2n})\ Y$

$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$

$b_2 = b_{20}\ [\ z\ /\ y]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_c = 1{,}300$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 *Ostwald* colours (o)

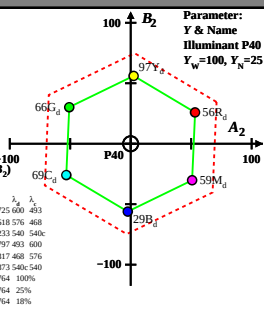
of maximum (m) $C_{AB}$ in chromatic value diagram ($A_2$, $B_2$)

Illumin. P40, $Y_W$=100, $Y_N$=25

Parameter: *Y* & Name

Illuminant P40

$Y_W$=100, $Y_N$=25




| Name | Range | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 573_775 | 77.92 | 55.92 | 16.27 | 0.519 | 0.3725 | 600 | 493 | |
| $Y_d$ | 498_775 | 93.2 | 96.53 | 19.27 | 0.4459 | 0.4618 | 576 | 468 | |
| $G_d$ | 498_573 | 40.61 | 65.71 | 19.24 | 0.3234 | 0.5233 | 540 | 540c | |
| $C_d$ | 380_573 | 48.36 | 69.19 | 64.67 | 0.2654 | 0.3797 | 493 | 600 | |
| $B_d$ | 380_498 | 33.08 | 28.58 | 61.66 | 0.2682 | 0.2317 | 468 | 576 | |
| $M_d$ | 573_498 | 85.67 | 59.41 | 61.69 | 0.4143 | 0.2873 | 540c | 540 | |
| W | 380_775 | 100.93 | 100.0 | 64.68 | 0.3799 | 0.3764 | | 100% | |
| $N_d$ | 380_775 | 25.23 | 25.0 | 16.17 | 0.3799 | 0.3764 | | 25% | |
| $Z_d$ | 380_775 | 18.16 | 18.0 | 11.64 | 0.3799 | 0.3764 | | 18% | |

BEH31-5A

**$XYZ_W$=103.66 , 99.99 , 52.43**

$A_2 = 2{,}5\ (a_2 - a_{2n})\ Y$

$B_2 = 2{,}5\ B_c\ (b_2 - b_{2n})\ Y$

$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$

$b_2 = b_{20}\ [\ z\ /\ y]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_c = 1{,}800$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 *Ostwald* colours (o)

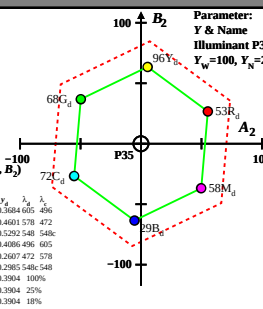
of maximum (m) $C_{AB}$ in chromatic value diagram ($A_2$, $B_2$)

Illumin. P35, $Y_W$=100, $Y_N$=25

Parameter: *Y* & Name

Illuminant P35

$Y_W$=100, $Y_N$=25




| Name | Range | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 575_775 | 78.39 | 53.43 | 13.18 | 0.5405 | 0.3684 | 605 | 496 | |
| $Y_d$ | 500_775 | 97.51 | 95.91 | 14.99 | 0.4678 | 0.4601 | 578 | 472 | |
| $G_d$ | 500_575 | 45.14 | 67.58 | 14.97 | 0.3535 | 0.5292 | 548 | 548c | |
| $C_d$ | 380_575 | 51.32 | 71.69 | 52.41 | 0.2925 | 0.4086 | 496 | 605 | |
| $B_d$ | 380_500 | 32.19 | 29.2 | 50.6 | 0.2874 | 0.2607 | 472 | 578 | |
| $M_d$ | 575_500 | 84.57 | 57.54 | 50.63 | 0.4387 | 0.2985 | 548c | 548 | |
| W | 380_775 | 103.66 | 99.99 | 52.43 | 0.4047 | 0.3904 | | 100% | |
| $N_d$ | 380_775 | 25.91 | 24.99 | 13.1 | 0.4047 | 0.3904 | | 25% | |
| $Z_d$ | 380_775 | 18.66 | 18.0 | 9.43 | 0.4047 | 0.3904 | | 18% | |

BEH31-6A

**$XYZ_W$=108.04 , 100.0 , 39.55**

$A_2 = 2{,}5\ (a_2 - a_{2n})\ Y$

$B_2 = 2{,}5\ B_c\ (b_2 - b_{2n})\ Y$

$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$

$b_2 = b_{20}\ [\ z\ /\ y]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_c = 2{,}500$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 *Ostwald* colours (o)

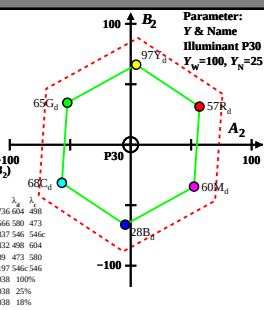
of maximum (m) $C_{AB}$ in chromatic value diagram ($A_2$, $B_2$)

Illumin. P30, $Y_W$=100, $Y_N$=25

Parameter: *Y* & Name

Illuminant P30

$Y_W$=100, $Y_N$=25




| Name | Range | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 578_775 | 85.68 | 57.05 | 9.95 | 0.5611 | 0.3736 | 604 | 498 | |
| $Y_d$ | 503_775 | 103.5 | 96.95 | 11.84 | 0.4875 | 0.4566 | 580 | 473 | |
| $G_d$ | 503_578 | 44.97 | 65.0 | 11.81 | 0.3692 | 0.5337 | 546 | 546c | |
| $C_d$ | 380_578 | 49.5 | 68.07 | 39.52 | 0.3151 | 0.4332 | 498 | 604 | |
| $B_d$ | 380_503 | 31.64 | 28.16 | 37.63 | 0.3247 | 0.2897 | 473 | 580 | |
| $M_d$ | 578_503 | 90.21 | 60.11 | 37.66 | 0.4798 | 0.3197 | 546c | 546 | |
| W | 380_775 | 108.04 | 100.0 | 39.55 | 0.4363 | 0.4038 | | 100% | |
| $N_d$ | 380_775 | 27.01 | 25.0 | 9.88 | 0.4363 | 0.4038 | | 25% | |
| $Z_d$ | 380_775 | 19.44 | 18.0 | 7.11 | 0.4363 | 0.4038 | | 18% | |

BEH31-7A

**$XYZ_W$=115.18 , 100.0 , 26.59**

$A_2 = 2{,}5\ (a_2 - a_{2n})\ Y$

$B_2 = 2{,}5\ B_c\ (b_2 - b_{2n})\ Y$

$a_2 = a_{20}\ [\ (x - x_c)\ /\ y]$

$b_2 = b_{20}\ [\ z\ /\ y]$

$a_{20} = 1,\ b_{20} = -0{,}4$

$x_c = 0{,}110,\ B_c = 3{,}700$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 *Ostwald* colours (o)

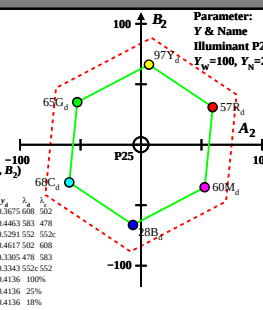
of maximum (m) $C_{AB}$ in chromatic value diagram ($A_2$, $B_2$)

Illumin. P25, $Y_W$=100, $Y_N$=25

Parameter: *Y* & Name

Illuminant P25

$Y_W$=100, $Y_N$=25




| Name | Range | $X_d$ | $Y_d$ | $Z_d$ | $x_d$ | $y_d$ | $\lambda_d$ | $\lambda_c$ | |
|---|---|---|---|---|---|---|---|---|---|
| $R_d$ | 582_775 | 91.03 | 56.79 | 6.7 | 0.589 | 0.3675 | 608 | 502 | |
| $Y_d$ | 506_775 | 112.2 | 96.85 | 7.84 | 0.5175 | 0.4463 | 583 | 478 | |
| $G_d$ | 506_582 | 50.16 | 65.15 | 7.81 | 0.4073 | 0.5291 | 552 | 552c | |
| $C_d$ | 380_582 | 53.08 | 68.32 | 26.57 | 0.3587 | 0.4617 | 502 | 608 | |
| $B_d$ | 380_506 | 31.83 | 28.27 | 25.43 | 0.3721 | 0.3305 | 478 | 583 | |
| $M_d$ | 582_506 | 93.95 | 59.97 | 25.45 | 0.5237 | 0.3343 | 552c | 552 | |
| W | 380_775 | 115.18 | 100.0 | 26.59 | 0.4764 | 0.4136 | | 100% | |
| $N_d$ | 380_775 | 28.79 | 25.0 | 6.64 | 0.4764 | 0.4136 | | 25% | |
| $Z_d$ | 380_775 | 20.73 | 18.0 | 4.78 | 0.4764 | 0.4136 | | 18% | |

BEH31-8A