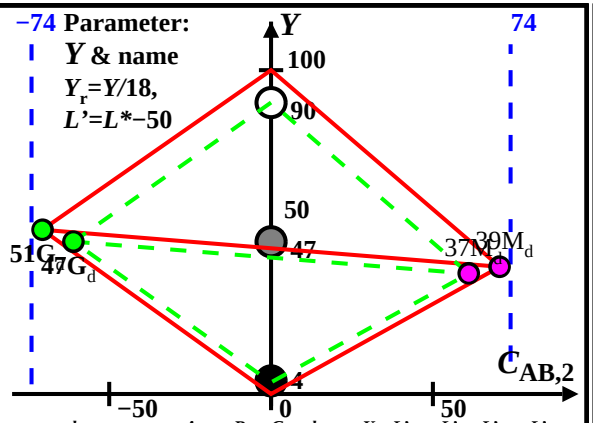
$XYZ_W$=95.04 , 100.0 , 108.89
$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$
$B_2 = 2{,}5\ (b_2 - b_{2,n})\ Y$
$a_2 = a_{20}\ [\ (\ x - x_c\ )\ /\ y]$
$b_2 = b_{20} B_c\ [\ z\ /\ y]$
$a_{20} = 1,\ \ b_{20} = -0{,}4$
$x_c = 0{,}110,\ \ B_c = 0{,}800$
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald* colours (o), $C_{AB,2}$=const
colour space ($C_{AB,2}$, $Y$)
$Y=18Y_r$

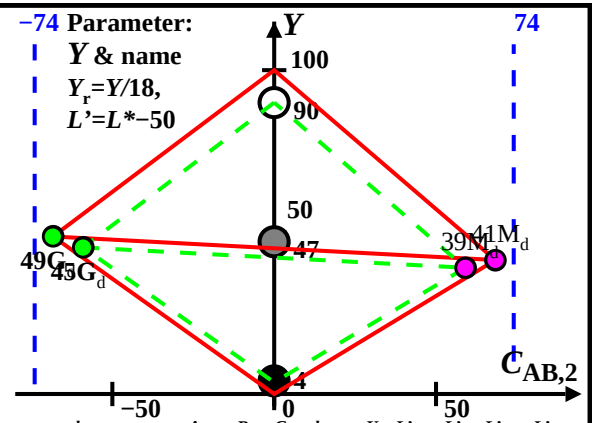



Illumin. D65, $Y_W$=90.0 , $Y_N$=3.6

| Name | Range | X | Y | Z | x | y | $\lambda_d$ | $\lambda_c$ | $a_2$ | $b_2$ | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L'_{CIE}$ | $L'_{CIr}$ | $L'_{TUr}$ | $L'_{TAr}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $R_o$ | 567_775 | 49.44 | 32.71 | 3.56 | 0.576 | 0.381 | 596 | 489 | 1.223 | −0.034 | 0.683 | 49.6 | 25.6 | 55.8 | 27 | 1.81 | 13.9 | 14.5 | 14.8 | 12.6 |
| $Y_o$ | 493_775 | 63.04 | 76.53 | 8.77 | 0.424 | 0.515 | 570 | 463 | 0.61 | −0.036 | 0.311 | −1.0 | 59.6 | 59.6 | 91 | 4.25 | 40.1 | 41.0 | 35.9 | 27.8 |
| $G_o$ | 493_567 | 16.67 | 47.05 | 8.74 | 0.23 | 0.649 | 535 | 535c | 0.184 | −0.059 | 0.519 | −50.7 | 33.9 | 61.0 | 146 | 2.61 | 24.2 | 24.9 | 23.8 | 19.7 |
| $C_o$ | 380_567 | 30.61 | 51.52 | 88.16 | 0.179 | 0.302 | 489 | 596 | 0.23 | −0.547 | 0.433 | −49.6 | −25.6 | 55.8 | 207 | 2.86 | 26.9 | 27.7 | 26.1 | 21.3 |
| $B_o$ | 380_493 | 17.01 | 7.7 | 82.95 | 0.158 | 0.071 | 463 | 570 | 0.671 | −3.444 | 3.096 | 1.0 | −59.6 | 59.6 | 271 | 0.42 | −16.6 | −16.2 | −21.0 | −17.6 |
| $M_o$ | 567_493 | 63.38 | 37.18 | 82.98 | 0.345 | 0.202 | 535c | 535 | 1.161 | −0.714 | 0.656 | 50.7 | −33.9 | 61.0 | 326 | 2.06 | 17.4 | 18.0 | 18.0 | 15.2 |
| $W_d$ | 380_775 | 85.53 | 90.0 | 98.0 | 0.312 | 0.329 | 90% | | 0.616 | −0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 4.99 | 45.9 | 46.9 | 40.0 | 30.1 |
| $N_d$ | 380_775 | 3.42 | 3.6 | 3.92 | 0.312 | 0.329 | 3% | | 0.616 | −0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 180 | 0.19 | −27.6 | −27.4 | −40.0 | −30.1 |
| $U_d$ | 380_775 | 17.1 | 18.0 | 19.6 | 0.312 | 0.329 | 18% | | 0.616 | −0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 184 | 1.0 | −0.4 | 0.0 | 0.0 | 0.0 |

fef00−5a

$XYZ_W$=96.42 , 100.0 , 82.49
$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$
$B_2 = 2{,}5\ (b_2 - b_{2,n})\ Y$
$a_2 = a_{20}\ [\ (\ x - x_c\ )\ /\ y]$
$b_2 = b_{20} B_c\ [\ z\ /\ y]$
$a_{20} = 1,\ \ b_{20} = -0{,}4$
$x_c = 0{,}110,\ \ B_c = 1{,}000$
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald* colours (o), $C_{AB,2}$=const
colour space ($C_{AB,2}$, $Y$)
$Y=18Y_r$

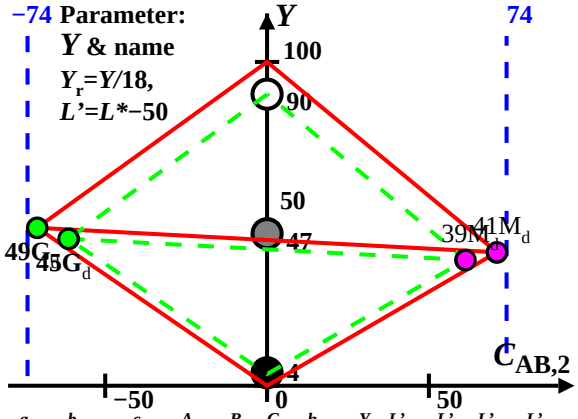



Illumin. D50, $Y_W$=90.0 , $Y_N$=3.6

| Name | Range | X | Y | Z | x | y | $\lambda_d$ | $\lambda_c$ | $a_2$ | $b_2$ | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L'_{CIE}$ | $L'_{CIr}$ | $L'_{TUr}$ | $L'_{TAr}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $R_o$ | 570_775 | 53.58 | 34.33 | 2.71 | 0.591 | 0.378 | 598 | 491 | 1.27 | −0.031 | 0.681 | 52.5 | 25.6 | 58.5 | 25 | 1.9 | 15.2 | 15.8 | 16.0 | 13.6 |
| $Y_o$ | 496_775 | 67.74 | 76.35 | 5.98 | 0.451 | 0.508 | 573 | 468 | 0.67 | −0.031 | 0.299 | 2.5 | 57.0 | 57.0 | 87 | 4.24 | 40.0 | 40.9 | 35.9 | 27.8 |
| $G_o$ | 496_570 | 17.28 | 45.26 | 5.95 | 0.252 | 0.66 | 538 | 538c | 0.215 | −0.052 | 0.521 | −50.0 | 31.3 | 59.0 | 147 | 2.51 | 23.0 | 23.8 | 22.9 | 19.0 |
| $C_o$ | 380_570 | 27.64 | 49.9 | 66.78 | 0.191 | 0.345 | 491 | 598 | 0.235 | −0.535 | 0.469 | −52.5 | −25.6 | 58.5 | 205 | 2.77 | 26.0 | 26.7 | 25.3 | 20.7 |
| $B_o$ | 380_496 | 13.48 | 7.88 | 63.5 | 0.158 | 0.092 | 468 | 573 | 0.526 | −3.223 | 2.896 | −2.5 | −57.0 | 57.0 | 267 | 0.43 | −16.2 | −15.9 | −20.5 | −17.2 |
| $M_o$ | 570_496 | 63.94 | 38.97 | 63.54 | 0.384 | 0.234 | 538c | 538 | 1.17 | −0.652 | 0.606 | 50.0 | −31.3 | 59.0 | 327 | 2.16 | 18.7 | 19.4 | 19.2 | 16.1 |
| $W_d$ | 380_775 | 86.78 | 90.0 | 74.24 | 0.345 | 0.358 | 90% | | 0.657 | −0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 4.99 | 45.9 | 46.9 | 40.0 | 30.1 |
| $N_d$ | 380_775 | 3.47 | 3.6 | 2.96 | 0.345 | 0.358 | 3% | | 0.657 | −0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 181 | 0.19 | −27.6 | −27.4 | −40.0 | −30.1 |
| $U_d$ | 380_775 | 17.35 | 18.0 | 14.84 | 0.345 | 0.358 | 18% | | 0.657 | −0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 186 | 1.0 | −0.4 | 0.0 | 0.0 | 0.0 |

fef00−6a

$XYZ_W$=100.93 , 100.0 , 64.68
$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$
$B_2 = 2{,}5\ (b_2 - b_{2,n})\ Y$
$a_2 = a_{20}\ [\ (\ x - x_c\ )\ /\ y]$
$b_2 = b_{20} B_c\ [\ z\ /\ y]$
$a_{20} = 1,\ \ b_{20} = -0{,}4$
$x_c = 0{,}110,\ \ B_c = 1{,}300$
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald* colours (o), $C_{AB,2}$=const
colour space ($C_{AB,2}$, $Y$)
$Y=18Y_r$

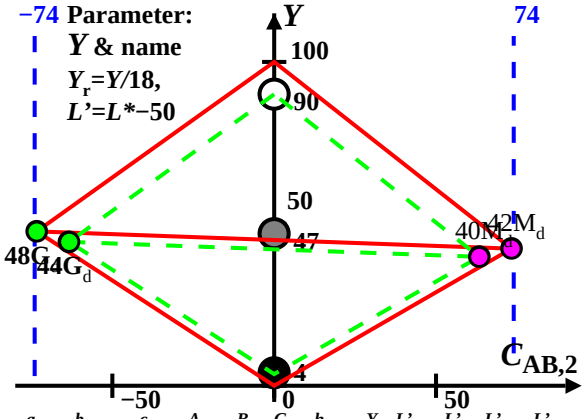



Illumin. P40, $Y_W$=90.0 , $Y_N$=3.6

| Name | Range | X | Y | Z | x | y | $\lambda_d$ | $\lambda_c$ | $a_2$ | $b_2$ | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L'_{CIE}$ | $L'_{CIr}$ | $L'_{TUr}$ | $L'_{TAr}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $R_o$ | 573_775 | 57.85 | 35.23 | 2.13 | 0.607 | 0.37 | 600 | 493 | 1.344 | −0.031 | 0.697 | 55.2 | 26.8 | 61.4 | 25 | 1.95 | 15.9 | 16.5 | 16.6 | 14.1 |
| $Y_o$ | 498_775 | 73.71 | 77.38 | 5.25 | 0.471 | 0.494 | 576 | 468 | 0.73 | −0.035 | 0.301 | 2.5 | 58.2 | 58.3 | 87 | 4.29 | 40.4 | 41.4 | 36.2 | 28.0 |
| $G_o$ | 498_573 | 19.12 | 45.39 | 5.21 | 0.274 | 0.65 | 540 | 540c | 0.252 | −0.059 | 0.54 | −52.7 | 31.3 | 61.3 | 149 | 2.52 | 23.1 | 23.8 | 22.9 | 19.0 |
| $C_o$ | 380_573 | 27.17 | 49.0 | 52.36 | 0.211 | 0.381 | 493 | 600 | 0.265 | −0.555 | 0.501 | −55.2 | −26.8 | 61.4 | 205 | 2.72 | 25.4 | 26.2 | 24.8 | 20.4 |
| $B_o$ | 380_498 | 11.31 | 6.85 | 49.24 | 0.167 | 0.101 | 468 | 576 | 0.568 | −3.733 | 3.4 | −2.5 | −58.2 | 58.3 | 267 | 0.38 | −18.5 | −18.1 | −23.9 | −19.8 |
| $M_o$ | 573_498 | 65.89 | 38.84 | 49.27 | 0.427 | 0.252 | 540c | 540 | 1.26 | −0.659 | 0.631 | 52.7 | −31.3 | 61.3 | 329 | 2.15 | 18.6 | 19.3 | 19.1 | 16.1 |
| $W_d$ | 380_775 | 90.83 | 90.0 | 58.22 | 0.379 | 0.376 | 90% | | 0.717 | −0.336 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 4.99 | 45.9 | 46.9 | 40.0 | 30.1 |
| $N_d$ | 380_775 | 3.63 | 3.6 | 2.32 | 0.379 | 0.376 | 3% | | 0.717 | −0.336 | 0.01 | 0.0 | 0.0 | 0.0 | 180 | 0.19 | −27.6 | −27.4 | −40.0 | −30.1 |
| $U_d$ | 380_775 | 18.16 | 18.0 | 11.64 | 0.379 | 0.376 | 18% | | 0.717 | −0.336 | 0.01 | 0.0 | 0.0 | 0.0 | 169 | 1.0 | −0.4 | 0.0 | 0.0 | 0.0 |

fef00−7a

$XYZ_W$=109.84 , 99.99 , 35.58
$A_2 = 2{,}5\ (a_2 - a_{2,n})\ Y$
$B_2 = 2{,}5\ (b_2 - b_{2,n})\ Y$
$a_2 = a_{20}\ [\ (\ x - x_c\ )\ /\ y]$
$b_2 = b_{20} B_c\ [\ z\ /\ y]$
$a_{20} = 1,\ \ b_{20} = -0{,}4$
$x_c = 0{,}110,\ \ B_c = 2{,}500$
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald* colours (o), $C_{AB,2}$=const
colour space ($C_{AB,2}$, $Y$)
$Y=18Y_r$




Illumin. A00, $Y_W$=90.0 , $Y_N$=3.6

| Name | Range | X | Y | Z | x | y | $\lambda_d$ | $\lambda_c$ | $a_2$ | $b_2$ | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L'_{CIE}$ | $L'_{CIr}$ | $L'_{TUr}$ | $L'_{TAr}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $R_o$ | 579_775 | 65.67 | 36.68 | 1.18 | 0.634 | 0.354 | 605 | 499 | 1.479 | −0.032 | 0.727 | 59.7 | 29.6 | 66.6 | 26 | 2.03 | 17.0 | 17.7 | 17.6 | 14.9 |
| $Y_o$ | 504_775 | 84.79 | 77.87 | 2.96 | 0.511 | 0.47 | 581 | 474 | 0.854 | −0.038 | 0.318 | 5.1 | 61.8 | 62.0 | 85 | 4.32 | 40.7 | 41.6 | 36.4 | 28.1 |
| $G_o$ | 504_579 | 22.67 | 44.42 | 2.93 | 0.323 | 0.634 | 547 | 547c | 0.337 | −0.066 | 0.57 | −54.5 | 32.1 | 63.3 | 149 | 2.46 | 22.5 | 23.2 | 22.4 | 18.6 |
| $C_o$ | 380_579 | 26.86 | 47.55 | 28.79 | 0.26 | 0.46 | 499 | 605 | 0.326 | −0.605 | 0.561 | −59.7 | −29.6 | 66.6 | 206 | 2.64 | 24.5 | 25.2 | 24.1 | 19.9 |
| $B_o$ | 380_504 | 7.74 | 6.36 | 27.0 | 0.188 | 0.154 | 474 | 581 | 0.505 | −4.241 | 3.898 | −5.1 | −61.8 | 62.0 | 265 | 0.35 | −19.6 | −19.3 | −25.8 | −21.1 |
| $M_o$ | 579_504 | 69.85 | 39.81 | 27.03 | 0.51 | 0.291 | 547c | 547 | 1.376 | −0.679 | 0.636 | 54.5 | −32.1 | 63.3 | 329 | 2.21 | 19.3 | 20.0 | 19.7 | 16.5 |
| $W_d$ | 380_775 | 98.86 | 89.99 | 32.02 | 0.447 | 0.407 | 90% | | 0.828 | −0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 4.99 | 45.9 | 46.9 | 40.0 | 30.1 |
| $N_d$ | 380_775 | 3.95 | 3.59 | 1.28 | 0.447 | 0.407 | 3% | | 0.828 | −0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 181 | 0.19 | −27.6 | −27.4 | −40.0 | −30.1 |
| $U_d$ | 380_775 | 19.77 | 17.99 | 6.4 | 0.447 | 0.407 | 18% | | 0.828 | −0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 180 | 1.0 | −0.4 | 0.0 | 0.0 | 0.0 |

fef00−8a

fef00−7R_R