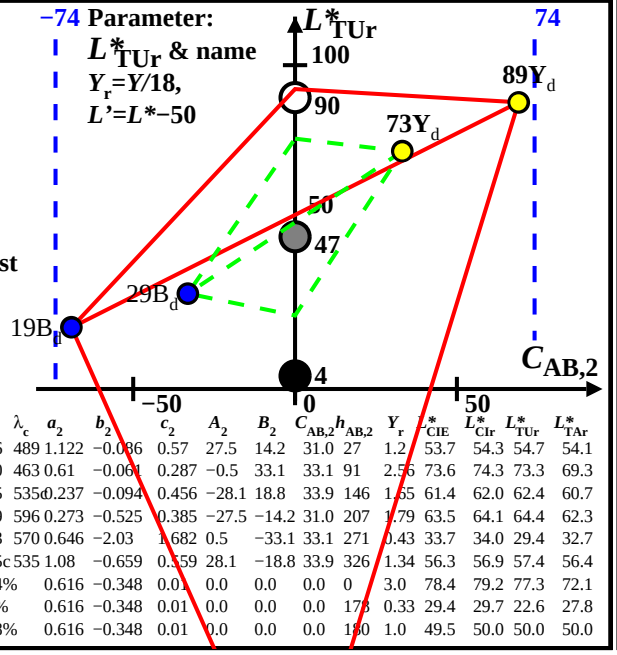
$XYZ_W$=95.04 , 100.0 , 108.89
$A_2$ = 2,5 ($a_2 - a_{2,n}$) $Y$
$B_2$ = 2,5 ($b_2 - b_{2,n}$) $Y$
$a_2 = a_{20}$ [ ( $x - x_c$ ) / $y$]
$b_2 = b_{20} B_c$ [ $z$ / $y$]
$a_{20}$ = 1, $b_{20}$ = −0,4
$x_c$ = 0,110, $B_c$ = 0,800
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$
6 *Ostwald* colours (o), $C_{AB,2}$=const
colour space ($C_{AB,2}$, $L^*_{TUr}$)
$L^*_{TUr}=50 + 40[Y_r/\log(5)]$

Illumin. D65, $Y_W$=54.0 , $Y_N$=6.0

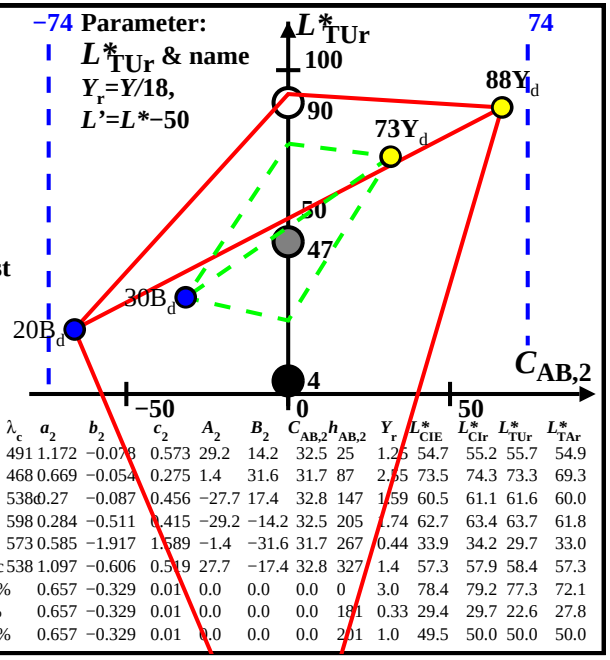



| Name | Range | X | Y | Z | x | y | $\lambda_d$ | $\lambda_c$ | $a_2$ | $b_2$ | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L^*_{CIE}$ | $L^*_{Clr}$ | $L^*_{TUr}$ | $L^*_{TAr}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $R_o$ | 567_775 | 30.89 | 21.77 | 5.9 | 0.527 | 0.371 | 596 | 489 | 1.122 | −0.086 | 0.57 | 27.5 | 14.2 | 31.0 | 27 | 1.2 | 53.7 | 54.3 | 54.7 | 54.1 |
| $Y_o$ | 493_775 | 38.44 | 46.11 | 8.79 | 0.411 | 0.493 | 570 | 463 | 0.61 | −0.061 | 0.287 | −0.5 | 33.1 | 33.1 | 91 | 2.56 | 73.6 | 74.3 | 73.3 | 69.3 |
| $G_o$ | 493_567 | 12.68 | 29.74 | 8.77 | 0.247 | 0.58 | 535 | 535c | 0.237 | −0.094 | 0.456 | −28.1 | 18.8 | 33.9 | 146 | 1.65 | 61.4 | 62.0 | 62.4 | 60.7 |
| $C_o$ | 380_567 | 20.43 | 32.22 | 52.9 | 0.193 | 0.305 | 489 | 596 | 0.273 | −0.525 | 0.385 | −27.5 | −14.2 | 31.0 | 207 | 1.79 | 63.5 | 64.1 | 64.4 | 62.3 |
| $B_o$ | 380_493 | 12.87 | 7.88 | 50.0 | 0.181 | 0.111 | 463 | 570 | 0.646 | −2.03 | 1.682 | 0.5 | −33.1 | 33.1 | 271 | 0.43 | 33.7 | 34.0 | 29.4 | 32.7 |
| $M_o$ | 567_493 | 38.63 | 24.25 | 50.02 | 0.342 | 0.214 | 535c | 535 | 1.08 | −0.659 | 0.559 | 28.1 | −18.8 | 33.9 | 326 | 1.34 | 56.3 | 56.9 | 57.4 | 56.4 |
| $W_d$ | 380_775 | 51.32 | 54.0 | 58.8 | 0.312 | 0.329 | 54% | | 0.616 | −0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 3.0 | 78.4 | 79.2 | 77.3 | 72.1 |
| $N_d$ | 380_775 | 5.7 | 6.0 | 6.53 | 0.312 | 0.329 | 6% | | 0.616 | −0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 173 | 0.33 | 29.4 | 29.7 | 22.6 | 27.8 |
| $U_d$ | 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 | 150 | 1.0 | 49.5 | 50.0 | 50.0 | 50.0 |

fed81−5a

$XYZ_W$=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 ($C_{AB,2}$, $L^*_{TUr}$)
$L^*_{TUr}=50 + 40[Y_r/\log(5)]$

Illumin. D50, $Y_W$=54.0 , $Y_N$=6.0

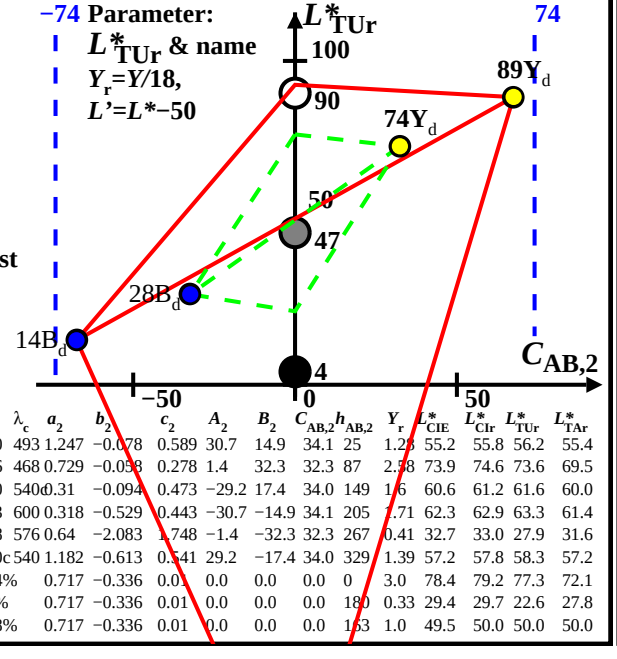



| Name | Range | X | Y | Z | x | y | $\lambda_d$ | $\lambda_c$ | $a_2$ | $b_2$ | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L^*_{CIE}$ | $L^*_{Clr}$ | $L^*_{TUr}$ | $L^*_{TAr}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $R_o$ | 570_775 | 33.24 | 22.67 | 4.47 | 0.55 | 0.375 | 598 | 491 | 1.172 | −0.078 | 0.573 | 29.2 | 14.2 | 32.5 | 25 | 1.26 | 54.7 | 55.2 | 55.7 | 54.9 |
| $Y_o$ | 496_775 | 41.1 | 46.02 | 6.29 | 0.44 | 0.492 | 573 | 468 | 0.669 | −0.054 | 0.275 | 1.4 | 31.6 | 31.7 | 87 | 2.55 | 73.5 | 74.3 | 73.3 | 69.3 |
| $G_o$ | 496_570 | 13.07 | 28.74 | 6.27 | 0.271 | 0.597 | 538 | 538c | 0.27 | −0.087 | 0.456 | −27.7 | 17.4 | 32.8 | 147 | 1.59 | 60.5 | 61.1 | 61.6 | 60.0 |
| $C_o$ | 380_570 | 18.82 | 31.32 | 40.07 | 0.208 | 0.347 | 491 | 598 | 0.284 | −0.511 | 0.415 | −29.2 | −14.2 | 32.5 | 205 | 1.74 | 62.7 | 63.4 | 63.7 | 61.8 |
| $B_o$ | 380_496 | 10.96 | 7.97 | 38.25 | 0.191 | 0.139 | 468 | 573 | 0.585 | −1.917 | 1.589 | −1.4 | −31.6 | 31.7 | 267 | 0.44 | 33.9 | 34.2 | 29.7 | 33.0 |
| $M_o$ | 570_496 | 38.99 | 25.25 | 38.27 | 0.38 | 0.246 | 538c | 538 | 1.097 | −0.606 | 0.519 | 27.7 | −17.4 | 32.8 | 327 | 1.4 | 57.3 | 57.9 | 58.4 | 57.3 |
| $W_d$ | 380_775 | 52.06 | 54.0 | 44.54 | 0.345 | 0.358 | 54% | | 0.657 | −0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 3.0 | 78.4 | 79.2 | 77.3 | 72.1 |
| $N_d$ | 380_775 | 5.78 | 6.0 | 4.94 | 0.345 | 0.358 | 6% | | 0.657 | −0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 181 | 0.33 | 29.4 | 29.7 | 22.6 | 27.8 |
| $U_d$ | 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 | 201 | 1.0 | 49.5 | 50.0 | 50.0 | 50.0 |

fed81−6a

$XYZ_W$=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 ($C_{AB,2}$, $L^*_{TUr}$)
$L^*_{TUr}=50 + 40[Y_r/\log(5)]$

Illumin. P40, $Y_W$=54.0 , $Y_N$=6.0

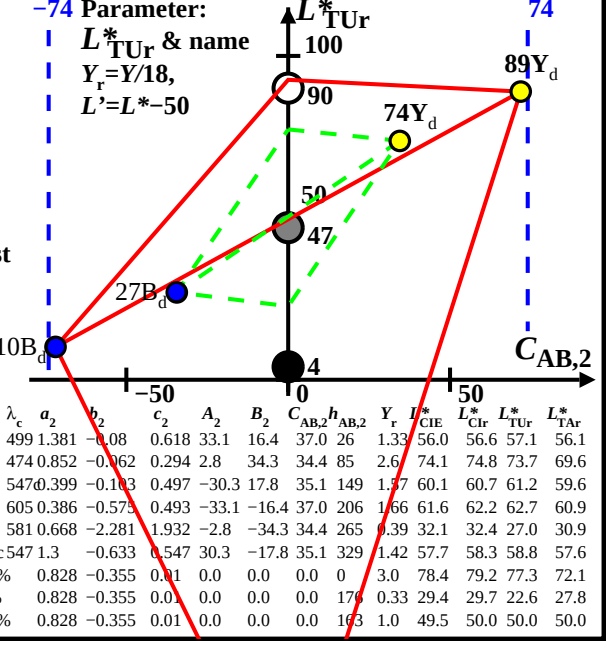



| Name | Range | X | Y | Z | x | y | $\lambda_d$ | $\lambda_c$ | $a_2$ | $b_2$ | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L^*_{CIE}$ | $L^*_{Clr}$ | $L^*_{TUr}$ | $L^*_{TAr}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $R_o$ | 573_775 | 35.77 | 23.17 | 3.51 | 0.572 | 0.371 | 600 | 493 | 1.247 | −0.078 | 0.589 | 30.7 | 14.9 | 34.1 | 25 | 1.28 | 55.2 | 55.8 | 56.2 | 55.4 |
| $Y_o$ | 498_775 | 44.58 | 46.59 | 5.24 | 0.462 | 0.483 | 576 | 468 | 0.729 | −0.058 | 0.278 | 1.4 | 32.3 | 32.3 | 87 | 2.58 | 73.9 | 74.6 | 73.6 | 69.5 |
| $G_o$ | 498_573 | 14.26 | 28.81 | 5.22 | 0.295 | 0.596 | 540 | 540c | 0.31 | −0.094 | 0.473 | −29.2 | 17.4 | 34.0 | 149 | 1.6 | 60.6 | 61.2 | 61.6 | 60.0 |
| $C_o$ | 380_573 | 18.72 | 30.82 | 31.41 | 0.231 | 0.38 | 493 | 600 | 0.318 | −0.529 | 0.443 | −30.7 | −14.9 | 34.1 | 205 | 1.71 | 62.3 | 62.9 | 63.3 | 61.4 |
| $B_o$ | 380_498 | 9.91 | 7.4 | 29.68 | 0.21 | 0.157 | 468 | 576 | 0.64 | −2.083 | 1.748 | −1.4 | −32.3 | 32.3 | 267 | 0.41 | 32.7 | 33.0 | 27.9 | 31.6 |
| $M_o$ | 573_498 | 40.24 | 25.18 | 29.7 | 0.423 | 0.264 | 540c | 540 | 1.182 | −0.613 | 0.541 | 29.2 | −17.4 | 34.0 | 329 | 1.39 | 57.2 | 57.8 | 58.3 | 57.2 |
| $W_d$ | 380_775 | 54.5 | 54.0 | 34.93 | 0.379 | 0.376 | 54% | | 0.717 | −0.336 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 3.0 | 78.4 | 79.2 | 77.3 | 72.1 |
| $N_d$ | 380_775 | 6.05 | 6.0 | 3.88 | 0.379 | 0.376 | 6% | | 0.717 | −0.336 | 0.01 | 0.0 | 0.0 | 0.0 | 180 | 0.33 | 29.4 | 29.7 | 22.6 | 27.8 |
| $U_d$ | 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 | 163 | 1.0 | 49.5 | 50.0 | 50.0 | 50.0 |

fed81−7a

$XYZ_W$=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 ($C_{AB,2}$, $L^*_{TUr}$)
$L^*_{TUr}=50 + 40[Y_r/\log(5)]$

Illumin. A00, $Y_W$=54.0 , $Y_N$=6.0




| Name | Range | X | Y | Z | x | y | $\lambda_d$ | $\lambda_c$ | $a_2$ | $b_2$ | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L^*_{CIE}$ | $L^*_{Clr}$ | $L^*_{TUr}$ | $L^*_{TAr}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $R_o$ | 579_775 | 40.44 | 23.98 | 1.93 | 0.609 | 0.361 | 605 | 499 | 1.381 | −0.08 | 0.618 | 33.1 | 16.4 | 37.0 | 26 | 1.33 | 56.0 | 56.6 | 57.1 | 56.1 |
| $Y_o$ | 504_775 | 51.06 | 46.86 | 2.93 | 0.506 | 0.464 | 581 | 474 | 0.852 | −0.062 | 0.294 | 2.8 | 34.3 | 34.4 | 85 | 2.6 | 74.1 | 74.8 | 73.7 | 69.6 |
| $G_o$ | 504_579 | 16.55 | 28.28 | 2.91 | 0.346 | 0.592 | 547 | 547c | 0.399 | −0.163 | 0.497 | −30.3 | 17.8 | 35.1 | 149 | 1.57 | 60.1 | 60.7 | 61.2 | 59.6 |
| $C_o$ | 380_579 | 18.87 | 30.01 | 17.27 | 0.285 | 0.453 | 499 | 605 | 0.386 | −0.575 | 0.493 | −33.1 | −16.4 | 37.0 | 206 | 1.66 | 61.6 | 62.2 | 62.7 | 60.9 |
| $B_o$ | 380_504 | 8.25 | 7.13 | 16.28 | 0.26 | 0.225 | 474 | 581 | 0.668 | −2.281 | 1.932 | −2.8 | −34.3 | 34.4 | 265 | 0.39 | 32.1 | 32.4 | 27.0 | 30.9 |
| $M_o$ | 579_504 | 42.76 | 25.71 | 16.3 | 0.504 | 0.303 | 547c | 547 | 1.3 | −0.633 | 0.547 | 30.3 | −17.8 | 35.1 | 329 | 1.42 | 57.7 | 58.3 | 58.8 | 57.6 |
| $W_d$ | 380_775 | 59.31 | 53.99 | 19.21 | 0.447 | 0.407 | 54% | | 0.828 | −0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 3.0 | 78.4 | 79.2 | 77.3 | 72.1 |
| $N_d$ | 380_775 | 6.59 | 5.99 | 2.13 | 0.447 | 0.407 | 6% | | 0.828 | −0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 176 | 0.33 | 29.4 | 29.7 | 22.6 | 27.8 |
| $U_d$ | 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 | 163 | 1.0 | 49.5 | 50.0 | 50.0 | 50.0 |

fed81−8a

fed80−7R_R