

$XYZ_W=95.04, 100.0, 108.89$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 (b_2 - b_{2,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 0.800$

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

6 Ostwald colours (o), $C_{AB,2} = \text{const}$

colour space ($C_{AB,2}, L^*_{TAR}$)

$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_c = Y/18, x = \log[Y_c]$

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

Name Range X Y_W Z x N_Y λ_a λ_c a_2 b_2 c_2 A_2 B_2 $C_{AB,2}$ L^*_{TAR} Y_c L^*_{TAR} L^*_{TAR} L^*_{TAR} L^*_{TAR} L^*_{TAR}

R 567.775 30.89 21.77 5.9 0.527 0.371596 489.1122 -0.086 0.57 27.5 14.2 31.0 27 1.2 3.7 4.3 4.7 4.1

Y 493.757 38.44 46.11 8.79 0.441 0.493570 463.061 -0.061 0.287 -0.5 33.1 31.0 9.1 2.56 23.6 24.3 23.3 19.3

G 493.757 12.68 29.74 7.77 0.247 0.58 535 5350.237 -0.094 0.456 -28.1 18.8 33.9 14.6 1.05 11.4 12.0 12.4 10.7

C 380.567 20.43 32.22 52.9 0.193 0.305489 596.0273 -0.525 0.385 -27.5 -14.2 31.0 20.7 1.79 13.5 14.1 14.4 12.3

B 380.493 12.87 7.88 50.0 0.181 0.111463 570.0646 -2.03 1.682 0.5 -33.1 33.1 27.1 4.3 -16.2 -15.9-20.5 -17.2

M 567.493 38.63 24.25 50.0 0.202 0.342 0.214535 535 1.80 -0.659 0.559 28.1 -18.8 33.9 326 1.34 6.3 6.9 7.4 6.4

W 380.775 51.32 54.0 58.8 0.312 0.329 546 0.616 -0.348 0.01 0.0 0.0 0.0 3.0 28.4 29.2 27.3 22.1

N 380.775 5.7 6.0 6.53 0.312 0.329 6.0 0.616 -0.348 0.01 0.0 0.0 0.0 178 0.33 -20.5 -20.2-27.3 -22.1

U 380.775 17.1 18.0 19.6 0.312 0.329 186 0.616 -0.348 0.01 0.0 0.0 0.0 180 1.0 -0.4 0.0 0.0 0.0

-74 Parameter:

$L^*_{TAR} = L^*_{TAR} - 50$

L^*_{TAR} & name

$Y_c = Y/18,$

$L^*_{TAR} = L^*_{TAR} - 50$

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 0.800$

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

6 Ostwald colours (o), $C_{AB,2} = \text{const}$

colour space ($C_{AB,2}, L^*_{TAR}$)

$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_c = Y/18, x = \log[Y_c]$

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

Name Range X Y_W Z x N_Y λ_a λ_c a_2 b_2 c_2 A_2 B_2 $C_{AB,2}$ L^*_{TAR} Y_c L^*_{TAR} L^*_{TAR} L^*_{TAR} L^*_{TAR} L^*_{TAR}

R 567.775 30.89 21.77 5.9 0.527 0.371596 489.1122 -0.086 0.57 27.5 14.2 31.0 27 1.2 3.7 4.3 4.7 4.1

Y 493.757 38.44 46.11 8.79 0.441 0.493570 463.061 -0.061 0.287 -0.5 33.1 31.0 9.1 2.56 23.6 24.3 23.3 19.3

G 493.757 12.68 29.74 7.77 0.247 0.58 535 5350.237 -0.094 0.456 -28.1 18.8 33.9 14.6 1.05 11.4 12.0 12.4 10.7

C 380.567 20.43 32.22 52.9 0.193 0.305489 596.0273 -0.525 0.385 -27.5 -14.2 31.0 20.7 1.79 13.5 14.1 14.4 12.3

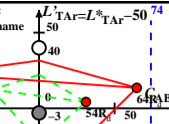
B 380.493 12.87 7.88 50.0 0.181 0.111463 570.0646 -2.03 1.682 0.5 -33.1 33.1 27.1 4.3 -16.2 -15.9-20.5 -17.2

M 567.493 38.63 24.25 50.0 0.202 0.342 0.214535 535 1.80 -0.659 0.559 28.1 -18.8 33.9 326 1.34 6.3 6.9 7.4 6.4

W 380.775 51.32 54.0 58.8 0.312 0.329 546 0.616 -0.348 0.01 0.0 0.0 0.0 3.0 28.4 29.2 27.3 22.1

N 380.775 5.7 6.0 6.53 0.312 0.329 6.0 0.616 -0.348 0.01 0.0 0.0 0.0 178 0.33 -20.5 -20.2-27.3 -22.1

U 380.775 17.1 18.0 19.6 0.312 0.329 186 0.616 -0.348 0.01 0.0 0.0 0.0 180 1.0 -0.4 0.0 0.0 0.0



fec41-5a

$XYZ_W=100.93, 100.0, 64.68$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 (b_2 - b_{2,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 1.300$

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

6 Ostwald colours (o), $C_{AB,2} = \text{const}$

colour space ($C_{AB,2}, L^*_{TAR}$)

$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_c = Y/18, x = \log[Y_c]$

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

Name Range X Y_W Z x N_Y λ_a λ_c a_2 b_2 c_2 A_2 B_2 $C_{AB,2}$ L^*_{TAR} Y_c L^*_{TAR} L^*_{TAR} L^*_{TAR} L^*_{TAR} L^*_{TAR}

R 573.775 35.77 23.17 3.51 0.572 0.371600 493.1247 -0.078 0.589 30.7 14.9 34.1 25 1.28 5.2 5.8 6.2 5.4

Y 498.775 44.58 46.59 5.24 0.462 0.483576 468.0729 -0.058 0.278 1.4 32.3 32.3 87 2.58 23.9 24.6 23.6 19.5

G 498.775 14.26 28.81 5.22 0.295 0.596540 540.031 -0.099 0.473 -29.2 17.4 34.0 14.9 1.6 10.6 11.2 11.6 10.0

C 380.573 18.72 30.82 31.42 0.231 0.38 493 600.0318 -0.524 0.445 -30.7 -14.9 34.1 20.5 1.71 12.3 12.9 13.3 11.4

B 380.498 9.91 7.4 29.68 0.21 0.157468 576.064 -2.083 1.748 -1.4 -32.3 32.3 267 0.41 -17.2 -16.9-22.0 -18.3

M 573.498 40.24 25.18 29.7 0.423 0.264540 540.1182 -0.613 0.541 29.2 -17.4 34.0 329 1.39 7.2 7.8 8.3 7.2

W 380.775 54.5 54.0 34.93 0.379 0.376 546 0.717 -0.336 0.01 0.0 0.0 0.0 3.0 28.4 29.2 27.3 22.1

N 380.775 6.05 6.0 6.88 0.379 0.376 6.0 0.717 -0.336 0.01 0.0 0.0 0.0 180 0.33 -20.5 -20.2-27.3 -22.1

U 380.775 18.16 18.0 11.64 0.379 0.376 186 0.717 -0.336 0.01 0.0 0.0 0.0 163 1.0 -0.4 0.0 0.0 0.0

fec41-7a

fec40-7R_R

-74 Parameter:

$L^*_{TAR} = L^*_{TAR} - 50$

L^*_{TAR} & name

$Y_c = Y/18,$

$L^*_{TAR} = L^*_{TAR} - 50$

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 1.300$

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

6 Ostwald colours (o), $C_{AB,2} = \text{const}$

colour space ($C_{AB,2}, L^*_{TAR}$)

$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_c = Y/18, x = \log[Y_c]$

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

Name Range X Y_W Z x N_Y λ_a λ_c a_2 b_2 c_2 A_2 B_2 $C_{AB,2}$ L^*_{TAR} Y_c L^*_{TAR} L^*_{TAR} L^*_{TAR} L^*_{TAR} L^*_{TAR}

R 573.775 35.77 23.17 3.51 0.572 0.371600 493.1247 -0.078 0.589 30.7 14.9 34.1 25 1.28 5.2 5.8 6.2 5.4

Y 498.775 44.58 46.59 5.24 0.462 0.483576 468.0729 -0.058 0.278 1.4 32.3 32.3 87 2.58 23.9 24.6 23.6 19.5

G 498.775 14.26 28.81 5.22 0.295 0.596540 540.031 -0.099 0.473 -29.2 17.4 34.0 14.9 1.6 10.6 11.2 11.6 10.0

C 380.573 18.72 30.82 31.42 0.231 0.38 493 600.0318 -0.524 0.445 -30.7 -14.9 34.1 20.5 1.71 12.3 12.9 13.3 11.4

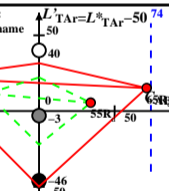
B 380.498 9.91 7.4 29.68 0.21 0.157468 576.064 -2.083 1.748 -1.4 -32.3 32.3 267 0.41 -17.2 -16.9-22.0 -18.3

M 573.498 40.24 25.18 29.7 0.423 0.264540 540.1182 -0.613 0.541 29.2 -17.4 34.0 329 1.39 7.2 7.8 8.3 7.2

W 380.775 54.5 54.0 34.93 0.379 0.376 546 0.717 -0.336 0.01 0.0 0.0 0.0 3.0 28.4 29.2 27.3 22.1

N 380.775 6.05 6.0 6.88 0.379 0.376 6.0 0.717 -0.336 0.01 0.0 0.0 0.0 180 0.33 -20.5 -20.2-27.3 -22.1

U 380.775 18.16 18.0 11.64 0.379 0.376 186 0.717 -0.336 0.01 0.0 0.0 0.0 163 1.0 -0.4 0.0 0.0 0.0



$XYZ_W=96.42, 100.0, 82.49$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 (b_2 - b_{2,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o), $C_{AB,2} = \text{const}$

colour space ($C_{AB,2}, L^*_{TAR}$)

$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_c = Y/18, x = \log[Y_c]$

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

Name Range X Y_W Z x N_Y λ_a λ_c a_2 b_2 c_2 A_2 B_2 $C_{AB,2}$ L^*_{TAR} Y_c L^*_{TAR} L^*_{TAR} L^*_{TAR} L^*_{TAR} L^*_{TAR}

R 570.775 33.24 22.67 4.47 0.55 0.375598 491.1172 -0.078 0.573 29.2 14.2 32.5 25 1.25 4.7 5.2 5.7 4.9

Y 496.775 41.1 46.02 6.29 0.44 0.492573 468.0609 -0.054 0.275 1.4 31.6 31.7 87 2.55 23.5 24.3 23.3 19.3

G 496.775 13.07 28.74 6.27 0.271 0.597538 5380.27 -0.087 0.456 -27.7 17.4 32.8 14.7 1.59 10.5 11.1 11.6 10.0

C 380.570 20.43 32.22 52.9 0.193 0.305489 596.0284 -0.511 0.415 -29.2 -14.2 32.5 20.5 1.74 12.7 13.4 13.7 11.8

B 380.496 10.96 7.97 38.25 0.191 0.139468 573.0585 -1.917 1.589 -1.4 -31.6 31.7 267 0.44 -16.0 -15.7-20.2 -16.9

M 570.496 38.99 25.25 38.27 0.38 0.246538 538 1.097 -0.606 0.519 27.7 -17.4 32.8 327 1.4 7.3 7.9 8.4 7.3

W 380.775 52.06 54.0 44.54 0.345 0.358 546 0.657 -0.329 0.01 0.0 0.0 0.0 3.0 28.4 29.2 27.3 22.1

N 380.775 5.78 6.0 4.94 0.345 0.358 6.0 0.657 -0.329 0.01 0.0 0.0 0.0 181 0.33 -20.5 -20.2-27.3 -22.1

U 380.775 17.35 18.0 14.84 0.345 0.358 186 0.657 -0.329 0.01 0.0 0.0 0.0 201 1.0 -0.4 0.0 0.0 0.0

fec41-6a

$XYZ_W=109.84, 99.99, 35.58$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 (b_2 - b_{2,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 2.500$

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

6 Ostwald colours (o), $C_{AB,2} = \text{const}$

colour space ($C_{AB,2}, L^*_{TAR}$)

$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_c = Y/18, x = \log[Y_c]$

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

Name Range X Y_W Z x N_Y λ_a λ_c a_2 b_2 c_2 A_2 B_2 $C_{AB,2}$ $L^*_{TAR}</$