

$XYZ_{\text{w}}=95.04, 100.0, 108.89$

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

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

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

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

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

$$x_c = 0.110, B_c = 0.800$$

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

6 *Ostwald* colours (o),  $C_{AB,2} = \text{const}$   
 colour space ( $C_{AB,2}, L^*_{\text{TAR}}$ )

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

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

Illumin. D65,  $Y_{\text{w}} = 90.0, Y_c = 3.6$

Name Range  $x$   $y$   $z$   $x_N$   $y_N$   $z_N$   $\lambda_c$   $\lambda_c$   $a_2$   $b_2$   $c_2$   $A_2$   $B_2$   $C_{AB,2}$   $L^*_{\text{TAR}}$   $L^*_{\text{CIE}}$   $L^*_{\text{CF}}$   $L^*_{\text{TVU}}$   $L^*_{\text{TAR}}$

R\_507\_775 54.94 36.35 3.96 0.576 0.381596 489 1.225 -0.034 0.683 55.1 28.4 62.0 27 2.01 16.7 17.4 17.4 14.8

Y\_493\_775 105.5 82.03 9.75 0.424 0.515570 463 0.61 -0.036 0.311 -1.1 66.2 66.2 91 4.72 43.9 44.8 38.5 29.3

G\_496\_775 18.53 58.08 0.71 0.23 0.649535 535 0.184 -0.039 0.519 -56.3 37.7 67.8 146 29 27.4 28.2 26.5 21.6

C\_380\_570 34.01 57.24 97.96 0.179 0.302489 596 0.23 -0.547 0.433 -55.1 -28.4 62.0 207 3.18 30.3 31.1 28.7 23.2

B\_380\_493 18.91 85.56 92.16 0.158 0.071463 570 0.671 -0.444 3.096 1.1 -66.2 66.2 271 0.47 -14.8 -14.5 -18.4 -15.5

M\_507\_493 70.43 41.31 92.2 0.345 0.202535 535 1.161 -0.714 0.656 56.3 -37.7 67.8 326 2.29 20.3 21.1 20.6 17.2

W\_380\_775 85.53 90.0 98.0 0.312 0.329 906 0.06 0.16 -0.348 0.01 0.0 0.0 0.0 4.99 45.9 46.9 40.0 30.1

N\_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\_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

fec40-5a

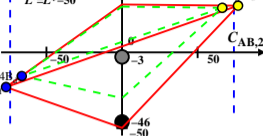
-74 Parameter:

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

$$L^*_{\text{TAR}} \text{ \& name}$$

$$Y_c = Y / 18,$$

$$L^* = L^* - 50$$



$XYZ_{\text{w}}=96.42, 100.0, 82.49$

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

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

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

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

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

$$x_c = 0.110, B_c = 1.000$$

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

6 *Ostwald* colours (o),  $C_{AB,2} = \text{const}$   
 colour space ( $C_{AB,2}, L^*_{\text{TAR}}$ )

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

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

Illumin. D50,  $Y_{\text{w}} = 90.0, Y_c = 3.6$

Name Range  $x$   $y$   $z$   $x_N$   $y_N$   $z_N$   $\lambda_c$   $\lambda_c$   $a_2$   $b_2$   $c_2$   $A_2$   $B_2$   $C_{AB,2}$   $L^*_{\text{TAR}}$   $L^*_{\text{CIE}}$   $L^*_{\text{CF}}$   $L^*_{\text{TVU}}$   $L^*_{\text{TAR}}$

R\_570\_775 59.53 38.15 3.01 0.591 0.378598 491 1.27 -0.031 0.681 58.4 28.4 65.0 25 2.11 18.1 18.8 18.6 15.7

Y\_496\_775 152.27 84.84 6.65 0.451 0.508573 468 0.67 -0.031 0.299 2.8 63.3 63.4 87 4.71 43.8 44.7 38.5 29.3

G\_496\_570 19.21 20.29 6.61 0.252 0.66 538 538 0.215 -0.052 0.521 -55.5 34.8 65 147 2.79 26.2 27.0 25.5 20.9

C\_380\_570 30.71 55.44 74.52 0.191 0.345491 598 0.235 -0.535 0.469 -58.4 -28.4 65.0 205 3.08 29.2 30.0 27.9 22.6

B\_380\_496 14.97 87.85 70.56 0.158 0.092468 573 0.526 -0.323 2.896 -2.8 -63.3 63.4 267 0.48 -14.4 -14.1 -17.9 -15.1

M\_570\_496 71.04 43.31 70.6 0.384 0.234538 538 1.17 -0.652 0.606 55.5 -34.8 65.6 327 2.4 21.7 22.4 21.8 18.1

W\_380\_775 86.78 90.0 74.24 0.345 0.358 906 0.057 -0.329 0.01 0.0 0.0 0.0 4.99 45.9 46.9 40.0 30.1

N\_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\_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

fec40-6a

$XYZ_{\text{w}}=100.93, 100.0, 64.68$

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

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

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

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

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

$$x_c = 0.110, B_c = 1.300$$

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

6 *Ostwald* colours (o),  $C_{AB,2} = \text{const}$   
 colour space ( $C_{AB,2}, L^*_{\text{TAR}}$ )

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

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

Illumin. P40,  $Y_{\text{w}} = 90.0, Y_c = 3.6$

Name Range  $x$   $y$   $z$   $x_N$   $y_N$   $z_N$   $\lambda_c$   $\lambda_c$   $a_2$   $b_2$   $c_2$   $A_2$   $B_2$   $C_{AB,2}$   $L^*_{\text{TAR}}$   $L^*_{\text{CIE}}$   $L^*_{\text{CF}}$   $L^*_{\text{TVU}}$   $L^*_{\text{TAR}}$

R\_573\_775 64.27 39.14 2.36 0.607 0.37 600 493 1.344 -0.031 0.697 61.4 29.8 68.2 25 1.77 18.8 19.5 19.3 16.2

Y\_498\_775 81.9 85.98 5.83 0.471 0.494576 468 0.73 -0.035 0.301 2.8 64.7 64.7 87 4.77 44.3 45.2 38.8 29.5

G\_498\_573 21.25 50.43 5.79 0.274 0.65 540 540 0.252 -0.059 0.54 -58.5 34.8 68.1 149 2.8 26.3 27.1 25.6 20.9

C\_380\_573 30.19 61.45 58.18 0.211 0.381493 600 0.265 -0.555 0.501 -61.4 -29.8 68.2 205 3.02 28.7 29.5 27.5 22.3

B\_380\_498 12.57 71.61 54.71 0.167 0.101468 576 0.568 -0.373 3.34 -2.8 -64.7 64.7 267 0.42 -16.8 -16.4 -21.3 -17.8

M\_573\_498 73.21 43.16 54.75 0.427 0.252540 540 1.26 -0.699 0.631 58.5 -34.8 68.1 329 2.39 21.6 22.3 21.7 18.1

W\_380\_775 90.83 90.0 58.22 0.379 0.376 906 0.717 -0.336 0.01 0.0 0.0 0.0 4.99 45.9 46.9 40.0 30.1

N\_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\_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

fec40-7a

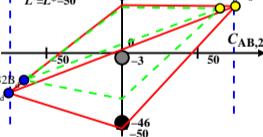
-74 Parameter:

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

$$L^*_{\text{TAR}} \text{ \& name}$$

$$Y_c = Y / 18,$$

$$L^* = L^* - 50$$



$XYZ_{\text{w}}=109.84, 99.99, 35.58$

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

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

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

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

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

$$x_c = 0.110, B_c = 2.500$$

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

6 *Ostwald* colours (o),  $C_{AB,2} = \text{const}$   
 colour space ( $C_{AB,2}, L^*_{\text{TAR}}$ )

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

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

Illumin. A00,  $Y_{\text{w}} = 90.0, Y_c = 3.6$

Name Range  $x$   $y$   $z$   $x_N$   $y_N$   $z_N$   $\lambda_c$   $\lambda_c$   $a_2$   $b_2$   $c_2$   $A_2$   $B_2$   $C_{AB,2}$   $L^*_{\text{TAR}}$   $L^*_{\text{CIE}}$   $L^*_{\text{CF}}$   $L^*_{\text{TVU}}$   $L^*_{\text{TAR}}$

R\_579\_775 72.97 40.76 1.31 0.634 0.354065 499 1.479 -0.032 0.727 66.3 32.9 74.0 26 2.26 20.0 20.7 20.3 17.0

Y\_504\_775 94.21 86.52 3.29 0.511 0.47 581 474 0.854 -0.038 0.318 5.7 68.7 68.9 85 4.8 44.5 45.4 39.0 29.6

G\_504\_579 25.19 54.83 3.26 0.323 0.634547 547 0.337 -0.066 0.57 -60.6 35.7 70.3 149 2.74 25.6 26.4 25.0 20.6

C\_380\_579 28.94 69.36 31.98 0.26 4.6 499 605 0.326 -0.005 0.561 -66.3 -32.9 74.0 260 2.93 27.7 28.5 26.7 21.8

B\_380\_504 8.6 7.07 30.0 0.188 0.154474 581 0.505 -0.241 3.898 -5.7 -68.7 68.9 265 0.39 -18.0 -17.6 -23.2 -19.2

M\_579\_504 77.62 42.33 30.04 0.51 0.2915476 547 1.376 -0.679 0.636 60.6 -35.7 70.3 329 2.45 22.3 23.1 22.3 18.5

W\_380\_775 98.86 89.99 32.02 0.447 0.407 906 0.828 -0.355 0.01 0.0 0.0 0.0 4.99 45.9 46.9 40.0 30.1

N\_380\_775 3.95 3.6 3.18 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\_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

fec40-8a

fec40-7R\_R