

XYZ_w=95.04, 100.0, 108.89

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

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

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

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

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

$$x_c = 0.110, B_c = 0.800$$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB,2}, Y)

Illumin. D65, Y_w=100, Y_N=25

Name Range X_d Y_d Z_d x_d y_d λ_d λ_c

R₁ 567_775 68.53 53.5 27.36 0.4587 0.3581 596 489

Y₁ 493_775 81.63 95.72 32.39 0.3892 0.4563 570 463

G₁ 493_567 36.95 67.31 32.35 0.2704 0.4927 535 535

C₁ 380_567 50.39 71.62 108.88 0.2182 0.3101 489 596

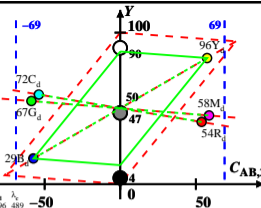
B₁ 380_493 37.28 29.4 103.85 0.2186 0.1724 463 570

M₁ 567_493 81.96 57.8 103.89 0.3363 0.2372 535 535

W₁ 380_775 95.04 100.0 108.89 0.3127 0.329 100%

N₁ 380_775 23.76 25.0 27.22 0.3127 0.329 25%

Z₁ 380_775 17.1 18.0 19.6 0.3127 0.329 18%



Parameter:
Y & Name
Illuminant D65
Y_w=100, Y_N=25

cet81-5a

XYZ_w=100.93, 100.0, 64.68

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

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

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

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

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

$$x_c = 0.110, B_c = 1.300$$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB,2}, Y)

Illumin. P40, Y_w=100, Y_N=25

Name Range X_d Y_d Z_d x_d y_d λ_d λ_c

R₁ 573_775 77.92 55.92 16.27 0.519 0.3725 600 493

Y₁ 498_775 93.2 96.53 19.27 0.4459 0.4618 576 468

G₁ 498_573 40.61 65.71 19.24 0.3234 0.5233 540 540

C₁ 380_573 48.36 69.19 64.67 0.2654 0.3797 493 600

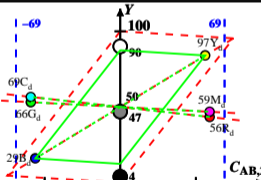
B₁ 380_498 33.08 28.58 61.66 0.2682 0.2317 468 576

M₁ 573_498 85.67 59.41 61.69 0.4143 0.2873 540 540

W₁ 380_775 100.93 100.0 64.68 0.3799 0.3764 100%

N₁ 380_775 25.23 25.0 16.17 0.3799 0.3764 25%

Z₁ 380_775 18.16 18.0 11.64 0.3799 0.3764 18%



Parameter:
Y & Name
Illuminant P40
Y_w=100, Y_N=25

cet81-7a

XYZ_w=96.42, 100.0, 82.49

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

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

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

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

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

$$x_c = 0.110, B_c = 1.000$$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB,2}, Y)

Illumin. D50, Y_w=100, Y_N=25

Name Range X_d Y_d Z_d x_d y_d λ_d λ_c

R₁ 570_775 72.82 55.06 20.74 0.4899 0.3704 598 491

Y₁ 496_775 86.46 95.55 23.9 0.4199 0.464 573 468

G₁ 496_570 37.84 65.58 23.86 0.2973 0.5152 538 538

C₁ 380_570 47.82 70.06 82.48 0.2386 0.3496 491 598

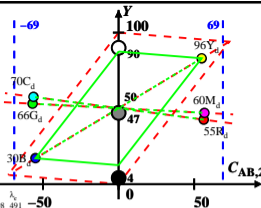
B₁ 380_496 34.18 29.57 79.32 0.2389 0.2066 468 573

M₁ 570_496 82.8 59.53 79.35 0.3734 0.2685 538 538

W₁ 380_775 96.42 100.0 82.49 0.3457 0.3585 100%

N₁ 380_775 24.1 25.0 20.62 0.3457 0.3585 25%

Z₁ 380_775 17.35 18.0 14.84 0.3457 0.3585 18%



Parameter:
Y & Name
Illuminant D50
Y_w=100, Y_N=25

cet81-6a

XYZ_w=109.84, 99.99, 35.58

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

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

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

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

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

$$x_c = 0.110, B_c = 2.500$$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space (C_{AB,2}, Y)

Illumin. A00, Y_w=100, Y_N=25

Name Range X_d Y_d Z_d x_d y_d λ_d λ_c

R₁ 579_775 87.42 57.32 8.96 0.5687 0.3729 605 499

Y₁ 504_775 105.8497 0.1 10.68 0.4956 0.4543 581 474

G₁ 504_579 45.99 64.78 10.65 0.3787 0.5335 547 547

C₁ 380_579 50.02 67.79 35.56 0.3261 0.442 499 605

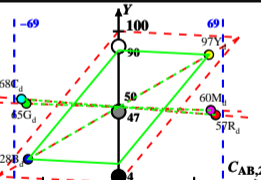
B₁ 380_504 31.6 28.11 33.84 0.3377 0.3004 474 581

M₁ 579_504 91.45 60.34 33.87 0.4925 0.3249 547 547

W₁ 380_775 109.8499 99.99 35.58 0.4475 0.4074 100%

N₁ 380_775 27.46 24.99 8.89 0.4475 0.4074 25%

Z₁ 380_775 19.77 17.99 6.4 0.4475 0.4074 18%



Parameter:
Y & Name
Illuminant A00
Y_w=100, Y_N=25

cet81-8a

cet81-7n