

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

$$x_c = 0.110, B_c = 0.800$$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

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

Illumin. D65, $Y_W=100, Y_N=10$

Name Range X_d Y_d Z_d x_d y_d λ_d λ_c

R_1 567_775 63.21 44.18 11.04 0.5337 0.373 596 489

Y_1 493_775 78.93 94.84 17.06 0.4135 0.4969 570 463

G_1 493_567 25.32 60.76 17.02 0.2455 0.5989 535 535

C_d 380_567 41.44 65.92 108.85 0.1916 0.3948 489 596

M_d 380_493 25.71 15.26 102.83 0.1788 0.1061 463 570

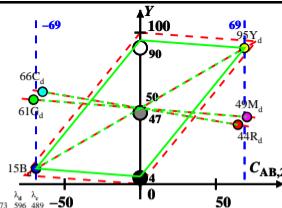
B_d 567_493 79.33 49.34 102.87 0.3426 0.2131 535 535

W 380_775 95.04 100.0 108.89 0.3127 0.329 100%

N_1 380_775 9.5 10.0 10.88 0.3127 0.329 10%

Z_1 380_775 17.1 18.0 19.6 0.3127 0.329 18%

cet81-1a



Parameter:
Y & Name
Illuminant D65
 $Y_W=100, Y_N=10$

$XYZ_W=96.42, 100.0, 82.49$

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

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

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

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

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

$$x_c = 0.110, B_c = 1.000$$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

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

Illumin. D50, $Y_W=100, Y_N=10$

Name Range X_d Y_d Z_d x_d y_d λ_d λ_c

R_1 570_775 68.08 46.05 8.37 0.5557 0.3759 598 491

Y_1 496_775 84.45 94.64 12.16 0.4415 0.4948 573 468

G_1 496_570 26.11 58.68 12.12 0.2694 0.6055 538 538

C_d 380_570 38.08 64.05 82.46 0.2063 0.3469 491 598

M_d 380_496 21.71 15.46 78.67 0.1874 0.1334 468 573

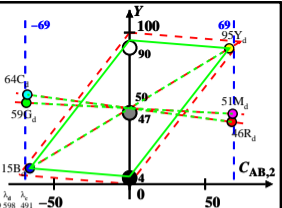
B_1 570_496 80.05 51.42 78.71 0.3808 0.2446 538 538

W 380_775 96.42 100.0 82.49 0.3457 0.3585 100%

N_1 380_775 9.64 10.0 8.24 0.3456 0.3585 10%

Z_1 380_775 17.35 18.0 14.84 0.3457 0.3585 18%

cet81-2a



Parameter:
Y & Name
Illuminant D50
 $Y_W=100, Y_N=10$

$XYZ_W=100.93, 100.0, 64.68$

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

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

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

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

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

$$x_c = 0.110, B_c = 1.300$$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

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

Illumin. P40, $Y_W=100, Y_N=10$

Name Range X_d Y_d Z_d x_d y_d λ_d λ_c

R_1 573_775 73.3 47.09 6.57 0.5773 0.3708 600 493

Y_1 498_775 91.64 95.82 10.18 0.4636 0.4848 576 468

G_1 498_573 28.53 58.83 10.14 0.2925 0.6033 540 540

C_d 380_573 37.83 63.01 64.65 0.2285 0.3807 493 600

C_1 380_498 19.49 14.28 61.04 0.2055 0.1506 468 576

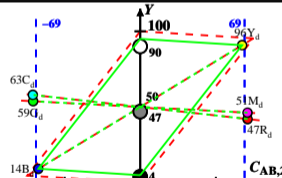
M_1 573_498 82.6 51.27 61.08 0.4236 0.2629 540 540

W 380_775 100.93 100.0 64.68 0.3799 0.3764 100%

N_1 380_775 10.09 10.0 6.46 0.3799 0.3764 10%

Z_1 380_775 18.16 18.0 11.64 0.3799 0.3764 18%

cet81-3a



Parameter:
Y & Name
Illuminant P40
 $Y_W=100, Y_N=10$

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

$$x_c = 0.110, B_c = 2.500$$

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

6 Ostwald colours (o)

of maximum (m) C_{AB} in

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

Illumin. A00, $Y_W=100, Y_N=10$

Name Range X_d Y_d Z_d x_d y_d λ_d λ_c

R_1 579_775 82.91 48.77 3.63 0.6127 0.3604 605 499

Y_1 504_775 105.0296 39 5.69 0.507 0.4654 581 474

G_1 504_579 33.2 57.71 5.65 0.3437 0.5976 547 547

C_d 380_579 38.03 61.33 35.54 0.2819 0.4545 499 605

C_1 380_504 15.93 13.71 33.48 0.2523 0.2172 474 581

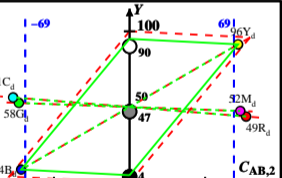
M_1 579_504 87.75 52.39 33.52 0.5052 0.3016 547 547

W 380_775 109.8499 99 35.58 0.4475 0.4074 100%

N_1 380_775 10.98 9.99 3.55 0.4475 0.4074 10%

Z_1 380_775 19.77 17.99 6.4 0.4475 0.4074 18%

cet81-4a



Parameter:
Y & Name
Illuminant A00
 $Y_W=100, Y_N=10$

cet81-3n