

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

$$x_c = 0.110, B_c = 0.800$$

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

6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB}$

linearen Farbenraum ( $C_{AB,2} Y$ )

Lichtart D65,  $Y_W=100, Y_N=10$

Name Bereich  $X_d$   $Y_d$   $Z_d$   $x_d$   $y_d$   $\lambda_d$   $\lambda_c$

$R_1$  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

$W_1$  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%

egt81-1a

$XYZ_W=100.93, 100.0, 64.68$

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

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

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

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

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

$$x_c = 0.110, B_c = 1.300$$

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

6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB}$

linearen Farbenraum ( $C_{AB,2} Y$ )

Lichtart P40,  $Y_W=100, Y_N=10$

Name Bereich  $X_d$   $Y_d$   $Z_d$   $x_d$   $y_d$   $\lambda_d$   $\lambda_c$

$R_1$  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 540 508

$C_d$  380\_573 37.83 63.01 64.65 0.2285 0.3807 493 600

$M_d$  380\_498 19.49 14.28 61.04 0.2055 0.1506 468 576

$B_d$  573\_498 82.6 51.27 61.08 0.4236 0.2629 540 600

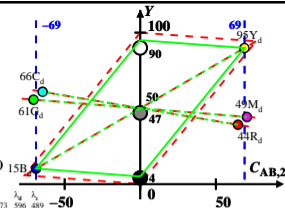
$W_1$  380\_775 100.93 100.0 64.68 0.3799 0.3764 100%

$N_1$  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%

egt81-3a

egt81-3n



Parameter:

Y & Name

Lichtart 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-Farben (o)

von maximalem (m)  $C_{AB}$

linearen Farbenraum ( $C_{AB,2} Y$ )

Lichtart D50,  $Y_W=100, Y_N=10$

Name Bereich  $X_d$   $Y_d$   $Z_d$   $x_d$   $y_d$   $\lambda_d$   $\lambda_c$

$R_1$  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

$B_d$  570\_496 80.05 51.42 78.71 0.3808 0.2446 538 538

$W_1$  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%

egt81-2a

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

$$x_c = 0.110, B_c = 2.500$$

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

6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB}$

linearen Farbenraum ( $C_{AB,2} Y$ )

Lichtart A00,  $Y_W=100, Y_N=10$

Name Bereich  $X_d$   $Y_d$   $Z_d$   $x_d$   $y_d$   $\lambda_d$   $\lambda_c$

$R_1$  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

$M_d$  380\_504 15.93 13.71 33.48 0.2523 0.2172 474 581

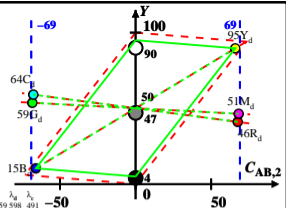
$B_d$  579\_504 87.75 52.39 33.52 0.5052 0.3016 547 605

$W_1$  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%

egt81-4a

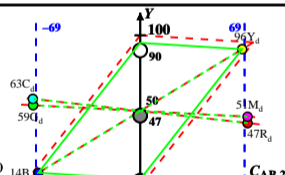


Parameter:

Y & Name

Lichtart D50

$Y_W=100, Y_N=10$

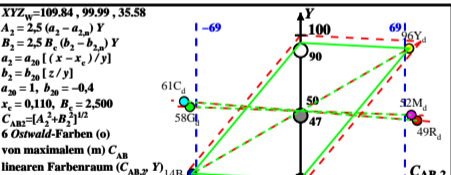


Parameter:

Y & Name

Lichtart P40

$Y_W=100, Y_N=10$



Parameter:

Y & Name

Lichtart A00

$Y_W=100, Y_N=10$