

$XYZ_w=97.06, 99.99, 104.57$

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

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

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

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

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

$x_c = 0.110, B_2 = 0.800$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A_2, B_2)

Illumin. P60, $Y_w=100, Y_N=10$

Name Range x_1 y_1 z_1 x_2 y_2 z_2 x_3 y_3 z_3 x_4 y_4 z_4

P1 509.775 66.62 66.07 10.0 0.5388 0.3748 996.480

P2 494.775 81.47 95.13 16.33 0.4222 0.493 571 463

P3 494.568 25.96 59.16 16.28 0.2493 0.5886 535 536

P4 380.568 50.66 64.01 104.510 0.1943 0.306 499 699

P5 494.254 14.97 98.81 0.825 0.1075 663 571

M1 509.494 81.63 90.97 90.7 0.3655 0.2282 536 536

W1 380.775 97.45 99.99 104.57 0.3218 0.3315 100

N1 380.775 9.7 9.99 10.45 0.3218 0.3315 10%

Z1 380.775 17.47 17.99 18.82 0.3218 0.3315 18%

$XYZ_w=97.45, 100.0, 95.98$

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

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

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

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

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

$x_c = 0.110, B_2 = 0.900$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A_2, B_2)

Illumin. P55, $Y_w=100, Y_N=10$

Name Range x_1 y_1 z_1 x_2 y_2 z_2 x_3 y_3 z_3 x_4 y_4 z_4

P1 509.775 61.41 46.23 9.75 0.5403 0.3747 997 490

P2 494.775 83.23 95.26 15.02 0.43 0.4922 572 464

P3 494.569 25.92 59.13 14.98 0.2572 0.5926 536 536

P4 380.569 50.39 63.87 95.94 0.1997 0.3198 490 597

P5 380.494 24.07 114.84 97.66 0.1857 0.1145 668 572

M1 509.494 81.63 90.97 90.7 0.3655 0.2282 536 536

W1 380.775 97.45 100.0 95.98 0.3321 0.3407 100

N1 380.775 9.74 10.0 9.59 0.3321 0.3407 10%

Z1 380.775 17.54 18.00 17.27 0.3321 0.3407 18%

BEH21-1A

$XYZ_w=98.12, 100.0, 86.5$

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

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

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

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

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

$x_c = 0.110, B_2 = 1.000$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A_2, B_2)

Illumin. P50, $Y_w=100, Y_N=10$

Name Range x_1 y_1 z_1 x_2 y_2 z_2 x_3 y_3 z_3 x_4 y_4 z_4

P1 509.775 62.56 47.73 9.617 0.5533 601 491

P2 449.775 85.35 94.55 12.37 0.4459 0.4917 573 467

P3 495.570 29.46 62.08 12.33 0.2836 0.5976 542 542

P4 380.570 42.24 67.54 86.47 0.2152 0.3441 491 601

P5 380.497 22.48 15.55 82.87 0.1872 0.1284 607 573

M1 509.495 78.57 88.02 82.91 0.375 0.2293 542 542

W1 380.775 98.12 100.0 86.5 0.3447 0.3513 100

N1 380.775 9.81 10.0 8.65 0.3447 0.3513 10%

Z1 380.775 17.66 18.00 15.57 0.3447 0.3513 18%

BEH21-2A

$XYZ_w=99.2, 100.0, 76.07$

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

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

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

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

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

$x_c = 0.110, B_2 = 1.100$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

chromatic value diagram (A_2, B_2)

Illumin. P45, $Y_w=100, Y_N=10$

Name Range x_1 y_1 z_1 x_2 y_2 z_2 x_3 y_3 z_3 x_4 y_4 z_4

P1 509.775 65.84 46.53 9.75 0.5682 0.3185 607 496

P2 497.775 88.11 95.27 11.47 0.4521 0.4889 574 467

P3 497.572 28.59 60.26 11.43 0.285 0.6009 541 541

P4 380.572 39.69 65.05 76.04 0.2196 0.3596 492 600

P5 380.497 21.32 14.43 72.29 0.1951 0.137 467 574

M1 509.497 80.64 49.84 72.33 0.3976 0.2457 541 541

W1 380.775 99.2 100.0 76.07 0.3603 0.3632 100%

N1 380.775 9.92 10.0 7.69 0.3603 0.3632 10%

Z1 380.775 17.85 18.00 13.69 0.3603 0.3632 18%