

XYZ_{W10}=97.09, 99.99, 104.01

$A_{10} = 2.5 (a_{10} - a_{10}) Y_{10}$
 $B_{10} = 2.5 B_{10} (b_{10} - b_{10}) Y_{10}$
 $a_{10} = a_{10} [(x_{10} - x_{10}) / y_{10}]$
 $b_{10} = b_{10} [(x_{10} - x_{10}) / y_{10}]$
 $a_{10} = 1, b_{10} = -0.4$
 $x_{10} = 0.000, B_{10} = 1.000$
 $C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$
6 Ostwald colours (e)

of maximum (m) C_{AB10} in

chromatic value diagram (A_{10} , B_{10})

Illumin. P60, $Y_{W10}=100, Y_{N10}=0$

Name Range x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}
 B_1 503.775 63.61 42.02 0.1 0.009 0.397 482.48
 B_2 475.775 79.65 92.09 6.68 0.446 0.516 567.460
 C_1 487.563 16.32 50.26 6.68 0.2218 0.6868 528.528
 C_2 380.563 33.67 58.17 10.04 0.1719 0.2569 487.403
 B_3 380.487 17.63 81.1 97.54 0.143 0.0057 490.567
 M_1 563.487 81.05 49.93 97.54 0.346 0.2184 528.528
 W_1 380.775 97.09 99.99 104.01 0.3224 0.3321 100%
 N_1 380.775 0.09 0.09 0.1 0.3223 0.3319 0
 Z_1 380.775 17.47 17.99 18.72 0.3224 0.3321 18%

BEEM00-1A

XYZ_{W10}=97.65, 100.0, 95.55

$A_{10} = 2.5 (a_{10} - a_{10}) Y_{10}$
 $B_{10} = 2.5 B_{10} (b_{10} - b_{10}) Y_{10}$
 $a_{10} = a_{10} [(x_{10} - x_{10}) / y_{10}]$
 $b_{10} = b_{10} [(x_{10} - x_{10}) / y_{10}]$
 $a_{10} = 1, b_{10} = -0.4$
 $x_{10} = 0.000, B_{10} = 1.000$
 $C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$
6 Ostwald colours (e)

of maximum (m) C_{AB10} in

chromatic value diagram (A_{10} , B_{10})

Illumin. P55, $Y_{W10}=100, Y_{N10}=0$

Name Range x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}
 B_1 503.775 63.61 42.02 0.1 0.009 0.397 482.48
 B_2 475.775 79.65 92.09 6.68 0.446 0.516 567.460
 C_1 488.564 16.32 50.47 6.37 0.2299 0.6837 529.528
 C_2 380.564 32.88 57.93 95.58 0.1764 0.1108 483.593
 B_3 380.488 16.1 7.65 10.36 0.1423 0.0076 490.568
 M_1 564.488 80.87 49.72 95.36 0.3676 0.226 529.529
 W_1 380.775 97.65 100.0 95.55 0.333 0.341 100%
 N_1 380.775 0.09 0.1 0.09 0.3329 0.3409 0
 Z_1 380.775 17.57 18.0 17.19 0.333 0.341 18%

BEEM00-2A

XYZ_{W10}=98.51, 99.99, 86.17

$A_{10} = 2.5 (a_{10} - a_{10}) Y_{10}$
 $B_{10} = 2.5 B_{10} (b_{10} - b_{10}) Y_{10}$
 $a_{10} = a_{10} [(x_{10} - x_{10}) / y_{10}]$
 $b_{10} = b_{10} [(x_{10} - x_{10}) / y_{10}]$
 $a_{10} = 1, b_{10} = -0.4$
 $x_{10} = 0.000, B_{10} = 1.000$
 $C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$
6 Ostwald colours (e)

of maximum (m) C_{AB10} in

chromatic value diagram (A_{10} , B_{10})

Illumin. P50, $Y_{W10}=100, Y_{N10}=0$

Name Range x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}
 B_1 489.775 84.26 92.86 5.73 0.4608 0.5079 569.461
 C_1 489.565 21.15 54.63 5.73 0.2595 0.6701 534.534
 C_2 380.564 35.4 61.76 86.17 0.1931 0.3369 480.547
 B_3 380.487 14.47 73.3 80.6 0.141 0.0716 481.569
 M_1 565.487 81.5 45.56 86.6 0.3806 0.2236 534.534
 W_1 380.775 98.51 99.99 86.17 0.346 0.3512 100%
 N_1 380.775 0.09 0.09 0.08 0.3459 0.3511 0
 Z_1 380.775 17.73 17.99 15.31 0.346 0.3512 18%

BEEM00-3A

XYZ_{W10}=101.75, 100.0, 64.44

$A_{10} = 2.5 (a_{10} - a_{10}) Y_{10}$
 $B_{10} = 2.5 B_{10} (b_{10} - b_{10}) Y_{10}$
 $a_{10} = a_{10} [(x_{10} - x_{10}) / y_{10}]$
 $b_{10} = b_{10} [(x_{10} - x_{10}) / y_{10}]$
 $a_{10} = 1, b_{10} = -0.4$
 $x_{10} = 0.000, B_{10} = 1.000$
 $C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$
6 Ostwald colours (e)

of maximum (m) C_{AB10} in

chromatic value diagram (A_{10} , B_{10})

Illumin. P40, $Y_{W10}=100, Y_{N10}=0$

Name Range x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}
 B_1 492.775 91.3 94.4 3.86 0.484 0.4554 572.465
 C_1 492.569 20.05 50.14 3.86 0.2708 0.677 535.535
 C_2 380.569 30.5 56.69 64.44 0.2011 0.3738 487.403
 B_3 380.492 10.65 6.75 60.71 0.1363 0.0864 486.572
 M_1 571.492 81.89 50.05 60.71 0.425 0.2798 535.535
 W_1 380.775 101.75 100.0 64.44 0.3822 0.3756 100%
 N_1 380.775 0.1 0.1 0.06 0.3822 0.3755 0
 Z_1 380.775 18.31 18.0 11.6 0.3822 0.3756 18%

BEEM00-5A

XYZ_{W10}=109.29, 99.99, 39.19

$A_{10} = 2.5 (a_{10} - a_{10}) Y_{10}$
 $B_{10} = 2.5 B_{10} (b_{10} - b_{10}) Y_{10}$
 $a_{10} = a_{10} [(x_{10} - x_{10}) / y_{10}]$
 $b_{10} = b_{10} [(x_{10} - x_{10}) / y_{10}]$
 $a_{10} = 1, b_{10} = -0.4$
 $x_{10} = 0.000, B_{10} = 1.000$
 $C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$
6 Ostwald colours (e)

of maximum (m) C_{AB10} in

chromatic value diagram (A_{10} , B_{10})

Illumin. P30, $Y_{W10}=100, Y_{N10}=0$

Name Range x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}
 B_1 574.775 79.16 45.23 39.19 0.637 0.3832 602.481
 C_1 574.775 110.994 6.224 0.5162 0.7275 549.489
 C_2 497.574 23.85 49.41 2.24 0.3159 0.6543 542.602
 C_3 380.574 29.95 54.94 39.19 0.2413 0.4427 491.542
 B_3 380.497 6.31 57.37 0.1286 0.1168 469.577
 M_1 574.497 85.65 50.79 39.19 0.8937 0.2027 542.542
 W_1 380.775 109.29 99.99 39.19 0.4308 0.4024 100%
 N_1 380.775 0.1 0.09 0.03 0.4396 0.4022 0
 Z_1 380.775 19.67 17.99 7.05 0.4396 0.4024 18%

BEEM00-7A

XYZ_{W10}=99.8, 100.0, 75.8

$A_{10} = 2.5 (a_{10} - a_{10}) Y_{10}$
 $B_{10} = 2.5 B_{10} (b_{10} - b_{10}) Y_{10}$
 $a_{10} = a_{10} [(x_{10} - x_{10}) / y_{10}]$
 $b_{10} = b_{10} [(x_{10} - x_{10}) / y_{10}]$
 $a_{10} = 1, b_{10} = -0.4$
 $x_{10} = 0.000, B_{10} = 1.000$
 $C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$
6 Ostwald colours (e)

of maximum (m) C_{AB10} in

chromatic value diagram (A_{10} , B_{10})

Illumin. P45, $Y_{W10}=100, Y_{N10}=0$

Name Range x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}
 B_1 490.775 87.33 92.14 3.65 0.4768 0.5031 571.465
 C_1 490.567 19.89 50.8 3.65 0.2675 0.6832 536.536
 C_2 380.567 32.37 58.65 75.8 0.194 0.3515 485.597
 B_3 380.490 12.67 8.05 72.29 0.1382 0.0865 485.571
 M_1 567.490 80.1 40.39 72.29 0.3903 0.2447 536.536
 W_1 380.775 99.8 100.0 75.8 0.3621 0.3628 100%
 N_1 380.775 0.09 0.1 0.07 0.3619 0.3626 0
 Z_1 380.775 17.96 18.0 13.64 0.3621 0.3628 18%

BEEM00-6A

XYZ_{W10}=104.71, 99.99, 52.16

$A_{10} = 2.5 (a_{10} - a_{10}) Y_{10}$
 $B_{10} = 2.5 B_{10} (b_{10} - b_{10}) Y_{10}$
 $a_{10} = a_{10} [(x_{10} - x_{10}) / y_{10}]$
 $b_{10} = b_{10} [(x_{10} - x_{10}) / y_{10}]$
 $a_{10} = 1, b_{10} = -0.4$
 $x_{10} = 0.000, B_{10} = 1.000$
 $C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$
6 Ostwald colours (e)

of maximum (m) C_{AB10} in

chromatic value diagram (A_{10} , B_{10})

Illumin. P35, $Y_{W10}=100, Y_{N10}=0$

Name Range x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}
 B_1 571.775 79.24 41.57 39.19 0.637 0.3832 602.481
 C_1 494.775 96.4 94.24 3.39 0.4988 0.4856 574.466
 C_2 494.571 24.15 52.86 3.39 0.3003 0.6574 540.540
 C_3 380.571 32.45 58.62 52.16 0.2265 0.4992 489.601
 B_3 380.494 8.51 5.95 48.86 0.1344 0.0944 486.574
 M_1 571.494 80.77 47.33 48.86 0.4503 0.2674 540.540
 W_1 380.775 104.71 99.99 52.16 0.4076 0.3892 100%
 N_1 380.775 0.1 0.09 0.05 0.4076 0.3891 0
 Z_1 380.775 18.84 17.99 9.38 0.4076 0.3892 18%

BEEM00-8A

XYZ_{W10}=116.54, 99.99, 26.13

$A_{10} = 2.5 (a_{10} - a_{10}) Y_{10}$
 $B_{10} = 2.5 B_{10} (b_{10} - b_{10}) Y_{10}$
 $a_{10} = a_{10} [(x_{10} - x_{10}) / y_{10}]$
 $b_{10} = b_{10} [(x_{10} - x_{10}) / y_{10}]$
 $a_{10} = 1, b_{10} = -0.4$
 $x_{10} = 0.000, B_{10} = 1.000$
 $C_{AB10} = [A_{10}^2 + B_{10}^2]^{1/2}$
6 Ostwald colours (e)

of maximum (m) C_{AB10} in

chromatic value diagram (A_{10} , B_{10})

Illumin. P25, $Y_{W10}=100, Y_{N10}=0$

Name Range x_{10} y_{10} z_{10} x_{10} y_{10} z_{10} x_{10} y_{10} z_{10}
 B_1 578.775 86.13 46.78 0.05 0.6477 0.3318 605.495
 C_1 590.775 112.028 6.45 1.28 0.54 0.4338 580.473
 C_2 500.578 26.72 48.07 1.28 0.3512 0.6318 547.547
 C_3 380.578 30.64 53.41 26.13 0.278 0.4847 495.605
 B_3 380.500 4.51 5.54 24.9 0.1199 0.1602 473.580
 M_1 578.499 80.05 52.12 24.9 0.5389 0.3119 547.547
 W_1 380.775 116.54 99.99 26.13 0.4802 0.4412 100%
 N_1 380.775 0.11 0.09 0.02 0.48 0.4418 0
 Z_1 380.775 20.97 17.99 4.7 0.4802 0.4412 18%

BEEM00-9A

BEEM00-7R

BEEM00-8R