

XTZ<sub>w</sub>=95.04, 100.0, 108.89

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

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

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

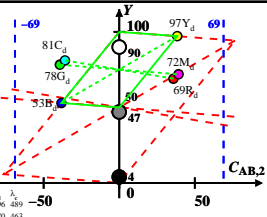
$$x_c = 0.110, B_2 = 0.800$$

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

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub>  
linearen Farbraum (C<sub>AB,2</sub>, Y)

Lichtart D65, Y<sub>w</sub>=100, Y<sub>c</sub>=50  
Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>  
R 507.775 671.4 60.05 57.385 63.634 996.489  
Y 496.775 891.81 97.18 57.92 0.4028 570.463  
G 493.567 565.78 78.24 57.9 0.2927 0.4016 535.536  
C 380.570 65.3 81.11 108.97 0.2537 0.3176 489.996  
M 380.490 56.02 82.65 105.43 0.2629 0.3062 465.570  
M' 507.493 86.35 71.9 105.95 0.3127 0.2725 533.535  
W 380.775 95.04 100.0 108.89 0.3127 0.3239 1000  
N<sub>1</sub> 380.775 47.52 50.0 54.44 0.3127 0.329 500  
Z<sub>1</sub> 380.775 171.18 18.0 19.6 0.3127 0.3239 188



Parameter:  
Y & Name  
Lichtart D65  
Y<sub>w</sub>=100, Y<sub>c</sub>=50

XTZ<sub>w</sub>=96.42, 100.0, 82.49

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

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

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

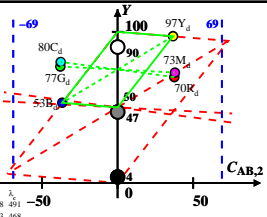
$$x_c = 0.110, B_2 = 1.000$$

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

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub>  
linearen Farbraum (C<sub>AB,2</sub>, Y)

Lichtart D50, Y<sub>w</sub>=100, Y<sub>c</sub>=50  
Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>  
R 507.775 671.4 60.05 70.017 43.5 0.42 0.3646 996.489  
Y 496.775 891.81 97.06 43.6 0.3899 0.4124 573.468  
G 496.570 57.54 77.09 43.41 0.3226 0.4332 538.536  
C 380.570 64.05 80.07 82.51 0.2826 0.3524 491.998  
M 380.490 56.02 82.65 93.08 0.2916 0.3016 468.473  
M' 570.496 87.37 73.05 80.43 0.3627 0.3033 538.538  
W 380.775 96.42 100.0 82.49 0.3457 0.3385 1000  
N<sub>1</sub> 380.775 48.21 50.0 41.24 0.3457 0.3385 500  
Z<sub>1</sub> 380.775 173.58 18.0 14.84 0.3457 0.3385 188



Parameter:  
Y & Name  
Lichtart D50  
Y<sub>w</sub>=100, Y<sub>c</sub>=50

BGJ90-1A

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

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

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

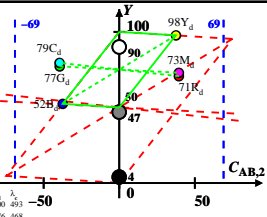
$$x_c = 0.110, B_2 = 1.300$$

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

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub>  
linearen Farbraum (C<sub>AB,2</sub>, Y)

Lichtart P40, Y<sub>w</sub>=100, Y<sub>c</sub>=50  
Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>  
R 507.775 671.4 60.05 57.385 63.634 996.489  
Y 498.775 95.81 97.72 34.43 0.4002 0.4286 576.468  
G 498.573 60.75 77.17 34.41 0.3525 0.4477 540.540  
C 380.573 65.92 79.49 64.69 0.3137 0.3783 493.600  
M 380.498 55.72 82.62 62.49 0.3262 0.3608 468.576  
M' 571.498 90.79 72.97 47.31 0.4008 0.3222 540.540  
W 380.775 100.9100 100.0 64.68 0.3799 0.3764 1000  
N<sub>1</sub> 380.775 50.46 50.0 32.34 0.3799 0.3764 500  
Z<sub>1</sub> 380.775 18.16 18.0 11.64 0.3799 0.3764 188



Parameter:  
Y & Name  
Lichtart P40  
Y<sub>w</sub>=100, Y<sub>c</sub>=50

BGJ90-2A

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

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

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

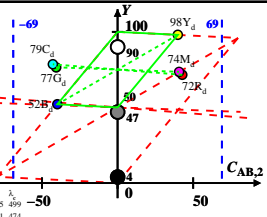
$$x_c = 0.110, B_2 = 2.500$$

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

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub>  
linearen Farbraum (C<sub>AB,2</sub>, Y)

Lichtart A00, Y<sub>w</sub>=100, Y<sub>c</sub>=50  
Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>  
R 507.775 671.4 60.05 70.017 43.5 0.42 0.3646 996.489  
Y 504.775 107.2180 4 18.9 0.4781 0.4371 581.474  
G 504.579 67.31 76.55 18.91 0.4133 0.4701 547.547  
C 380.579 70.0 78.56 18.57 0.3801 0.4266 499.605  
M 380.498 57.72 82.61 34.43 0.4001 0.3014 474.581  
M' 579.504 97.62 73.59 34.43 0.4746 0.3578 547.547  
W 380.775 109.8899 35.58 0.4475 0.4074 1000  
N<sub>1</sub> 380.775 54.92 49.99 17.79 0.4475 0.4074 500  
Z<sub>1</sub> 380.775 19.77 17.99 6.4 0.4475 0.4074 188



Parameter:  
Y & Name  
Lichtart A00  
Y<sub>w</sub>=100, Y<sub>c</sub>=50

BGJ90-3A

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

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

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

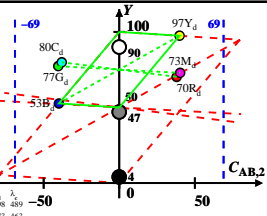
$$x_c = 0.110, B_2 = 0.900$$

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

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub>  
linearen Farbraum (C<sub>AB,2</sub>, Y)

Lichtart E00, Y<sub>w</sub>=100, Y<sub>c</sub>=50  
Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>  
R 507.775 671.4 60.05 57.385 63.634 996.489  
Y 494.775 91.73 97.45 53.1 0.3786 0.4022 573.463  
G 494.570 59.04 77.29 53.07 0.3117 0.408 536.598  
C 380.570 67.55 79.88 100.0 0.2724 0.3231 489.998  
M 380.498 58.41 82.69 97.05 0.2806 0.2531 463.573  
M' 504.494 91.1 72.85 97.07 0.349 0.2794 536.596  
W 380.775 100.0 100.0 100.0 0.3333 0.3333 1000  
N<sub>1</sub> 380.775 50.0 50.0 50.0 0.3333 0.3333 500  
Z<sub>1</sub> 380.775 18.0 18.0 18.0 0.3333 0.3333 188



Parameter:  
Y & Name  
Lichtart E00  
Y<sub>w</sub>=100, Y<sub>c</sub>=50

BGJ90-4A

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

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

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

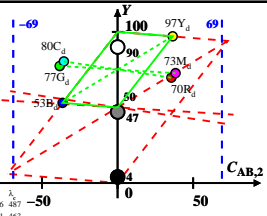
$$x_c = 0.110, B_2 = 0.700$$

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

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub>  
linearen Farbraum (C<sub>AB,2</sub>, Y)

Lichtart C00, Y<sub>w</sub>=100, Y<sub>c</sub>=50  
Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>  
R 507.775 671.4 60.05 69.69 46.2 0.3811 0.3614 996.489  
Y 492.775 88.31 97.06 62.69 0.3559 0.3912 571.463  
G 492.567 57.74 77.47 62.66 0.2918 0.3914 535.536  
C 380.567 67.52 80.45 118.25 0.2537 0.3021 487.996  
M 380.492 58.94 83.08 114.82 0.2599 0.234 463.571  
M' 492.492 89.5 72.67 114.84 0.323 0.2623 535.535  
W 380.775 98.07 100.0 118.22 0.31 0.3161 1000  
N<sub>1</sub> 380.775 49.03 50.0 59.11 0.31 0.3161 500  
Z<sub>1</sub> 380.775 17.65 18.0 21.28 0.31 0.3161 188



Parameter:  
Y & Name  
Lichtart C00  
Y<sub>w</sub>=100, Y<sub>c</sub>=50

BGJ90-5A

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

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

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

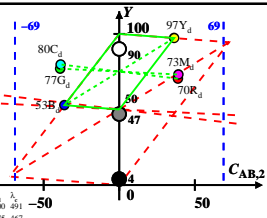
$$x_c = 0.110, B_2 = 1.000$$

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

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub>  
linearen Farbraum (C<sub>AB,2</sub>, Y)

Lichtart P00, Y<sub>w</sub>=100, Y<sub>c</sub>=50  
Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>  
R 572.775 85.59 70.37 40.63 0.4533 0.3579 600.491  
Y 506.775 95.85 97.28 42.56 0.4056 0.4134 575.467  
G 496.572 60.99 77.01 42.54 0.3378 0.4265 541.541  
C 380.572 67.65 79.77 81.07 0.296 0.3491 491.600  
M 380.496 57.8 82.86 79.14 0.3045 0.2784 467.575  
M' 572.496 92.8 73.17 79.17 0.3722 0.299 541.541  
W 380.775 102.000 100.0 81.06 0.3604 0.3531 1000  
N<sub>1</sub> 380.775 51.03 50.0 40.53 0.3604 0.3531 500  
Z<sub>1</sub> 380.775 18.37 18.0 14.59 0.3604 0.3531 188



Parameter:  
Y & Name  
Lichtart P00  
Y<sub>w</sub>=100, Y<sub>c</sub>=50

BGJ90-6A

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

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

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

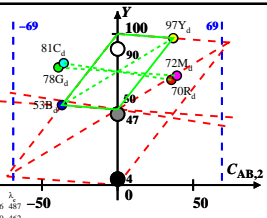
$$x_c = 0.110, B_2 = 0.700$$

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

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub>  
linearen Farbraum (C<sub>AB,2</sub>, Y)

Lichtart Q00, Y<sub>w</sub>=100, Y<sub>c</sub>=50  
Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>  
R 507.775 79.52 69.54 39.62 0.381 0.3334 996.489  
Y 492.775 99.99 97.23 63.06 0.3543 0.3915 570.462  
G 492.567 57.54 77.78 63.06 0.29 0.392 535.536  
C 380.567 67.52 80.6 118.98 0.2527 0.3017 487.996  
M 380.492 59.94 82.91 115.52 0.2599 0.2326 462.570  
M' 380.492 89.5 72.16 115.54 0.3226 0.2608 535.535  
W 380.775 97.93 100.0 118.95 0.309 0.3155 1000  
N<sub>1</sub> 380.775 48.96 50.0 59.47 0.309 0.3155 500  
Z<sub>1</sub> 380.775 17.62 18.0 21.41 0.309 0.3155 188



Parameter:  
Y & Name  
Lichtart Q00  
Y<sub>w</sub>=100, Y<sub>c</sub>=50

BGJ90-7A

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

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

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 1.000$$

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

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub>  
linearen Farbraum (C<sub>AB,2</sub>, Y)

Lichtart Q00, Y<sub>w</sub>=100, Y<sub>c</sub>=50  
Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>  
R 507.775 85.59 70.37 40.63 0.4533 0.3579 600.491  
Y 506.775 95.85 97.28 42.56 0.4056 0.4134 575.467  
G 496.572 60.99 77.01 42.54 0.3378 0.4265 541.541  
C 380.572 67.65 79.77 81.07 0.296 0.3491 491.600  
M 380.496 57.8 82.86 79.14 0.3045 0.2784 467.575  
M' 572.496 92.8 73.17 79.17 0.3722 0.299 541.541  
W 380.775 102.000 100.0 81.06 0.3604 0.3531 1000  
N<sub>1</sub> 380.775 51.03 50.0 40.53 0.3604 0.3531 500  
Z<sub>1</sub> 380.775 18.37 18.0 14.59 0.3604 0.3531 188



Parameter:  
Y & Name  
Lichtart Q00  
Y<sub>w</sub>=100, Y<sub>c</sub>=50

BGJ90-8A

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

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

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 0.700$$

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

6 Ostwald-Farben (o)

von maximalem (m) C<sub>AB</sub>  
linearen Farbraum (C<sub>AB,2</sub>, Y)

Lichtart Q00, Y<sub>w</sub>=100, Y<sub>c</sub>=50  
Name Bereich X<sub>1</sub> Y<sub>1</sub> Z<sub>1</sub> X<sub>2</sub> Y<sub>2</sub> Z<sub>2</sub> X<sub>3</sub> Y<sub>3</sub> Z<sub>3</sub>  
R 507.775 79.52 69.54 39.62 0.381 0.3334 996.489  
Y 492.775 99.99 97.23 63.06 0.3543 0.3915 570.462  
G 492.567 57.54 77.78 63.06 0.29 0.392 535.536  
C 380.567 67.52 80.6 118.98 0.2527 0.3017 487.996  
M 380.492 59.94 82.91 115.52 0.2599 0.2326 462.570  
M' 380.492 89.5 72.16 115.54 0.3226 0.2608 535.535  
W 380.775 97.93 100.0 118.95 0.309 0.3155 1000  
N<sub>1</sub> 380.775 48.96 50.0 59.47 0.309 0.3155 500  
Z<sub>1</sub> 380.775 17.62 18.0 21.41 0.309 0.3155 188



Parameter:  
Y & Name  
Lichtart Q00  
Y<sub>w</sub>=100, Y<sub>c</sub>=50