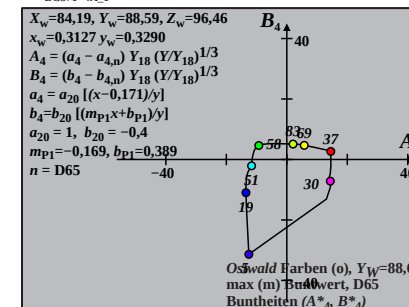
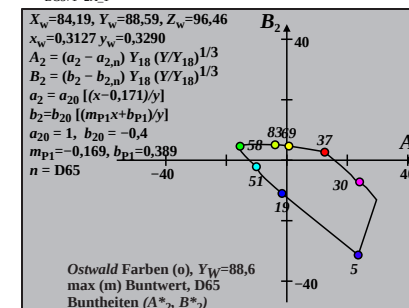
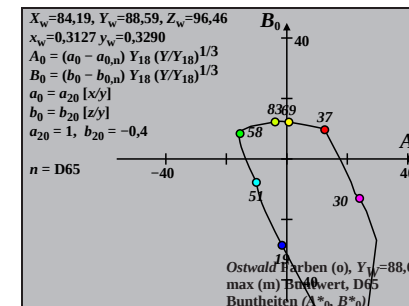
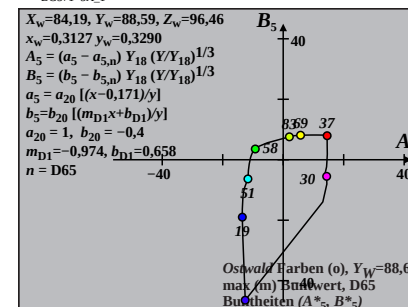
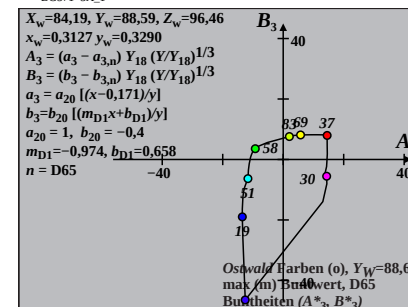
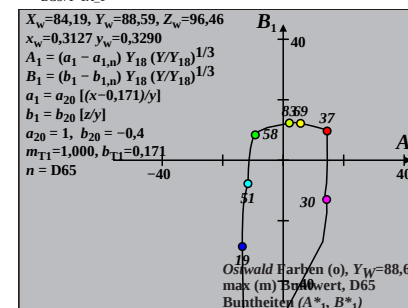
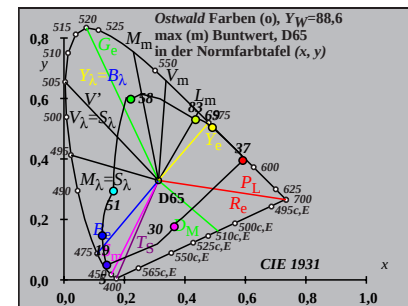


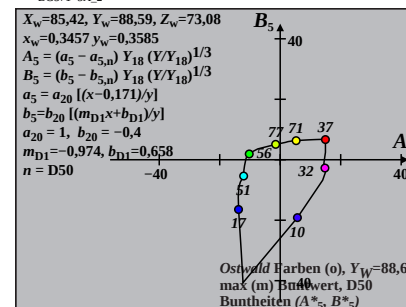
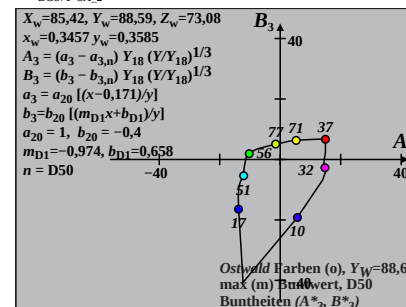
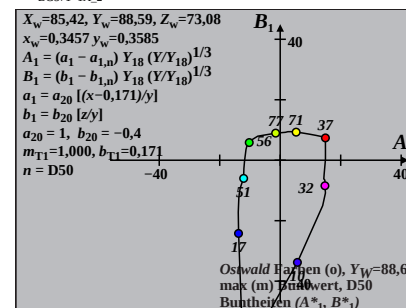
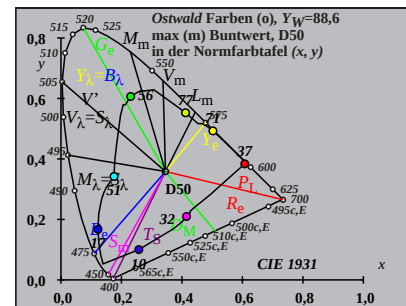
Ostwald-Optimalfarben (o) von maximalem (m)  $C_{AB}$  für D65,  $Y_w=88,6$ ,  $Y_m=520,770$

| $i_1, \lambda_1$ | $i_2, \lambda_2$ | $L^*$ | $A^*$ | $B^*$ | $C^*_{AB}$ | $a'$   | $b'$    | $h_a'b'$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ | Code              |
|------------------|------------------|-------|-------|-------|------------|--------|---------|----------|------------------|------------------|-------------------|
| 0                | 405              | 32    | 561   | 77.02 | -64.87     | -31.25 | 72.01   | 0.1805   | -0.1029          | 205.7            | 16 483 37 589 Cm  |
| 6                | 435              | 32    | 562   | 77.34 | -78.65     | -18.49 | 80.79   | 0.1732   | -0.096           | 193.2            | 17 486 42 610     |
| 10               | 450              | 32    | 563   | 77.66 | -104.74    | 10.98  | 105.32  | 0.1595   | -0.0803          | 174.0            | 19 496 -1 496c    |
| 12               | 460              | 33    | 565   | 78.13 | -115.96    | 31.94  | 120.28  | 0.1538   | -0.0692          | 164.5            | 21 505 -1 505c    |
| 12               | 465              | 33    | 567   | 78.83 | -114.06    | 33.13  | 118.77  | 0.1552   | -0.0687          | 163.8            | 21 506 -1 506c    |
| 14               | 470              | 33    | 569   | 79.37 | -118.58    | 55.25  | 130.82  | 0.1532   | -0.0572          | 155.0            | 24 520 -1 520c    |
| 15               | 475              | 34    | 573   | 80.65 | -114.03    | 67.6   | 132.56  | 0.1564   | -0.0512          | 149.3            | 25 528 -1 528c Gm |
| 16               | 480              | 36    | 580   | 82.9  | -102.97    | 80.87  | 130.93  | 0.1633   | -0.0452          | 141.8            | 27 537 -1 537c    |
| 17               | 485              | 39    | 595   | 86.88 | -77.35     | 96.11  | 123.37  | 0.1778   | -0.0394          | 128.8            | 29 548 -1 548c    |
| 18               | 490              | -1    | 490c  | 93.06 | -22.24     | 114.34 | 116.48  | 0.2052   | -0.0337          | 101.0            | 33 565 11 459 max |
| 19               | 495              | -1    | 495c  | 92.47 | -19.81     | 120.45 | 122.06  | 0.2062   | -0.0306          | 99.3             | 33 566 12 462     |
| 20               | 500              | -1    | 500c  | 91.73 | -16.65     | 125.95 | 127.04  | 0.2076   | -0.0277          | 97.5             | 33 567 12 464     |
| 22               | 510              | -1    | 510c  | 89.65 | -7.92      | 134.61 | 134.84  | 0.2116   | -0.0224          | 93.3             | 33 569 13 469     |
| 23               | 520              | -1    | 519c  | 88.27 | -2.43      | 137.31 | 137.33  | 0.2142   | -0.0202          | 91.0             | 34 570 14 471 Ym  |
| 25               | 530              | -1    | 529c  | 84.79 | 10.36      | 138.25 | 138.64  | 0.2205   | -0.0165          | 85.7             | 34 573 15 475     |
| 27               | 540              | -1    | 539c  | 80.46 | 24.53      | 135.02 | 137.23  | 0.2281   | -0.0134          | 79.7             | 35 577 15 478     |
| 28               | 545              | -1    | 544c  | 78.04 | 31.74      | 131.99 | 135.75  | 0.2322   | -0.0121          | 76.4             | 35 579 15 479     |
| 29               | 550              | -1    | 549c  | 75.43 | 38.97      | 128.25 | 134.04  | 0.2367   | -0.0111          | 73.0             | 36 582 16 480     |
| 30               | 555              | -1    | 554c  | 72.66 | 46.06      | 123.97 | 132.25  | 0.2413   | -0.0103          | 69.6             | 36 584 16 481     |
| 32               | 560              | -1    | 560c  | 66.77 | 59.19      | 114.35 | 128.76  | 0.2511   | -0.0093          | 62.6             | 37 589 16 483     |
| 32               | 561              | 0     | 405   | 75.1  | 50.51      | 58.31  | 77.15   | 0.2431   | -0.0541          | 49.1             | 37 589 16 483 Rm  |
| 32               | 562              | 6     | 435   | 74.77 | 58.71      | 25.94  | 64.18   | 0.2477   | -0.0718          | 23.8             | 42 610 17 486     |
| 32               | 563              | 10    | 450   | 74.42 | 71.74      | -10.3  | 72.47   | 0.255    | -0.0918          | 351.8            | -1 496c 19 496    |
| 33               | 565              | 12    | 460   | 73.91 | 77.65      | -24.5  | 81.42   | 0.2585   | -0.0997          | 342.4            | -1 505c 21 505    |
| 33               | 567              | 12    | 465   | 73.14 | 79.04      | -25.83 | 83.15   | 0.2597   | -0.1006          | 341.9            | -1 506c 21 506    |
| 33               | 569              | 14    | 470   | 72.52 | 82.59      | -35.89 | 90.05   | 0.262    | -0.1064          | 336.5            | -1 520c 24 520    |
| 34               | 573              | 15    | 475   | 70.98 | 85.03      | -41.59 | 94.66   | 0.2642   | -0.11            | 333.9            | -1 528c 25 528 Mm |
| 36               | 580              | 16    | 480   | 68.04 | 87.88      | -48.91 | 100.57  | 0.2676   | -0.1152          | 330.9            | -1 537c 27 537    |
| 39               | 595              | 17    | 485   | 61.86 | 87.86      | -61.19 | 107.07  | 0.2718   | -0.1254          | 325.1            | -1 548c 29 548    |
| -1               | 490c             | 18    | 490   | 48.14 | 51.23      | -86.03 | 100.13  | 0.2553   | -0.1532          | 300.7            | 11 459 33 565 min |
| -1               | 495c             | 19    | 495   | 49.78 | 44.33      | -84.1  | 95.07   | 0.2491   | -0.15            | 297.7            | 12 462 33 566     |
| -1               | 500c             | 20    | 500   | 51.73 | 36.01      | -81.43 | 89.04   | 0.242    | -0.1462          | 293.8            | 12 464 33 567     |
| -1               | 510c             | 22    | 510   | 56.54 | 15.71      | -74.03 | 75.68   | 0.2262   | -0.1371          | 281.9            | 13 469 33 569     |
| -1               | 519c             | 23    | 520   | 59.32 | 4.57       | -69.51 | 69.66   | 0.2184   | -0.1323          | 273.7            | 14 471 34 570 Bm  |
| -1               | 529c             | 25    | 530   | 65.28 | -17.14     | -59.54 | 61.96   | 0.2048   | -0.1227          | 253.9            | 15 475 34 573     |
| -1               | 539c             | 27    | 540   | 71.22 | -34.96     | -49.47 | 60.58   | 0.1953   | -0.1145          | 234.7            | 15 478 35 577     |
| -1               | 544c             | 28    | 545   | 74.02 | -41.75     | -44.69 | 61.16   | 0.1922   | -0.1109          | 226.9            | 15 479 35 579     |
| -1               | 549c             | 29    | 550   | 76.7  | -47.12     | -40.09 | 61.87   | 0.19     | -0.1077          | 220.3            | 16 480 36 582     |
| -1               | 554c             | 30    | 555   | 79.24 | -51.0      | -35.73 | 62.27   | 0.1886   | -0.1049          | 215.0            | 16 481 36 584     |
| -1               | 560c             | 32    | 560   | 83.79 | -54.46     | -27.9  | 61.19   | 0.1881   | -0.1001          | 207.1            | 16 483 37 589     |
| 380              | 770              | 95.41 | 0.0   | 0.0   | 0.0        | 0.2154 | -0.0861 | 0.0      |                  |                  |                   |

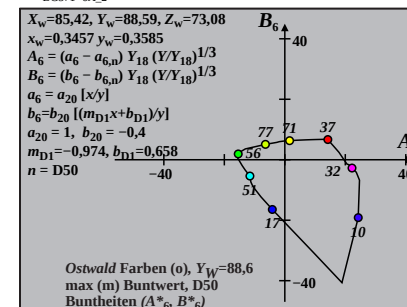
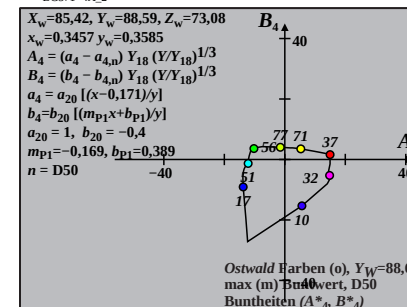
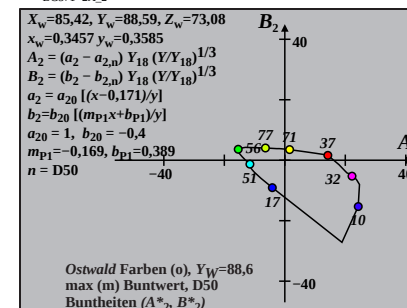
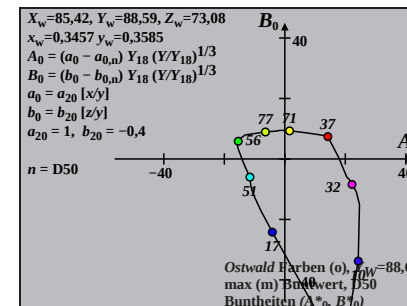


**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für D50, Y<sub>w</sub>=88,6, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L*    | A*      | B*     | C* <sub>AB</sub> | a'     | b'      | h <sub>a'b'</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------|---------|--------|------------------|--------|---------|-------------------|---------------------------------|---------------------------------|------|
| 1 405                           | 32 564                          | 76.81 | -75.99  | -31.37 | 82.21            | 0.1753 | -0.0939 | 202.4             | 17 486                          | 38 592                          | Cm   |
| 7 435                           | 33 565                          | 77.01 | -89.31  | -15.67 | 90.68            | 0.1682 | -0.0862 | 189.9             | 18 490                          | 46 634                          |      |
| 10 450                          | 33 566                          | 77.27 | -104.05 | 6.86   | 104.28           | 0.1604 | -0.0752 | 176.2             | 19 497                          | -1 497c                         |      |
| 12 460                          | 33 567                          | 77.6  | -112.34 | 26.94  | 115.53           | 0.1561 | -0.0654 | 166.5             | 21 506                          | -1 506c                         |      |
| 13 465                          | 33 568                          | 77.94 | -114.54 | 38.01  | 120.68           | 0.1552 | -0.0601 | 161.6             | 22 511                          | -1 511c                         |      |
| 14 470                          | 34 570                          | 78.51 | -114.5  | 49.34  | 124.68           | 0.1555 | -0.0547 | 156.6             | 23 519                          | -1 519c                         |      |
| 15 475                          | 34 573                          | 79.46 | -111.21 | 61.04  | 126.86           | 0.1579 | -0.0494 | 151.2             | 25 527                          | -1 527c                         | Gm   |
| 15 480                          | 35 578                          | 81.45 | -103.49 | 64.45  | 121.92           | 0.1631 | -0.0484 | 148.0             | 26 531                          | -1 531c                         |      |
| 17 485                          | 37 587                          | 83.97 | -87.25  | 86.61  | 122.94           | 0.1726 | -0.039  | 135.2             | 28 544                          | -1 544c                         |      |
| 18 490                          | 44 620                          | 90.77 | -37.83  | 105.97 | 112.52           | 0.1986 | -0.0333 | 109.6             | 32 561                          | -1 561c                         | max  |
| 19 495                          | -1 495c                         | 93.0  | -12.81  | 117.07 | 117.77           | 0.2105 | -0.0295 | 96.2              | 33 568                          | 12 463                          |      |
| 20 500                          | -1 500c                         | 92.35 | -10.04  | 122.92 | 123.33           | 0.2118 | -0.0268 | 94.6              | 33 569                          | 13 466                          |      |
| 22 510                          | -1 510c                         | 90.49 | -2.25   | 132.38 | 132.4            | 0.2153 | -0.0218 | 90.9              | 34 571                          | 14 471                          |      |
| 23 520                          | -1 519c                         | 89.24 | 2.74    | 135.53 | 135.56           | 0.2177 | -0.0198 | 88.8              | 34 572                          | 14 473                          | Ym   |
| 25 530                          | -1 529c                         | 86.03 | 14.63   | 140.55 | 141.31           | 0.2236 | -0.0162 | 84.0              | 35 575                          | 15 477                          |      |
| 27 540                          | -1 539c                         | 81.97 | 28.02   | 137.63 | 140.46           | 0.2308 | -0.0132 | 78.4              | 35 579                          | 16 480                          |      |
| 28 545                          | -1 544c                         | 79.68 | 34.91   | 134.8  | 139.25           | 0.2347 | -0.012  | 75.4              | 36 581                          | 16 481                          |      |
| 29 550                          | -1 549c                         | 77.21 | 41.87   | 131.28 | 137.79           | 0.239  | -0.011  | 72.3              | 36 583                          | 16 483                          |      |
| 30 555                          | -1 554c                         | 74.57 | 48.74   | 127.21 | 136.23           | 0.2434 | -0.0102 | 69.0              | 37 585                          | 16 484                          |      |
| 32 560                          | -1 560c                         | 68.91 | 61.58   | 118.0  | 133.1            | 0.2528 | -0.0092 | 62.4              | 38 590                          | 17 486                          |      |
| 32 564                          | 1 405                           | 75.32 | 56.14   | 57.79  | 80.57            | 0.2473 | -0.0497 | 45.8              | 38 592                          | 17 486                          | Rm   |
| 33 565                          | 7 435                           | 75.11 | 63.17   | 20.55  | 66.43            | 0.2512 | -0.0682 | 18.0              | 46 634                          | 18 490                          |      |
| 33 566                          | 10 450                          | 74.83 | 70.36   | -6.64  | 70.68            | 0.2553 | -0.0818 | 354.6             | -1 497c                         | 19 497                          |      |
| 33 567                          | 12 460                          | 74.49 | 74.64   | -21.26 | 77.61            | 0.2578 | -0.0892 | 344.1             | -1 506c                         | 21 506                          |      |
| 33 568                          | 13 465                          | 74.12 | 76.52   | -27.29 | 81.24            | 0.2591 | -0.0923 | 340.3             | -1 511c                         | 22 511                          |      |
| 34 570                          | 14 470                          | 73.5  | 78.22   | -32.65 | 84.77            | 0.2603 | -0.0951 | 337.3             | -1 519c                         | 23 519                          |      |
| 34 573                          | 15 475                          | 72.42 | 79.85   | -37.84 | 88.36            | 0.2618 | -0.098  | 334.6             | -1 527c                         | 25 527                          | Mm   |
| 35 578                          | 15 480                          | 69.98 | 82.93   | -42.04 | 92.98            | 0.2649 | -0.1008 | 333.1             | -1 531c                         | 26 531                          |      |
| 37 587                          | 17 485                          | 66.52 | 82.99   | -52.32 | 98.11            | 0.2669 | -0.1074 | 327.7             | -1 544c                         | 28 544                          |      |
| 44 620                          | 18 490                          | 54.06 | 65.57   | -75.16 | 99.75            | 0.2634 | -0.1274 | 311.1             | -1 561c                         | 32 561                          | min  |
| -1 495c                         | 19 495                          | 48.31 | 31.99   | -86.12 | 91.87            | 0.2414 | -0.1395 | 290.3             | 12 463                          | 33 568                          |      |
| -1 500c                         | 20 500                          | 50.12 | 24.26   | -83.81 | 87.25            | 0.2348 | -0.1363 | 286.1             | 13 466                          | 33 569                          |      |
| -1 510c                         | 22 510                          | 54.69 | 5.0     | -76.99 | 77.16            | 0.22   | -0.1281 | 273.7             | 14 471                          | 34 571                          |      |
| -1 519c                         | 23 520                          | 57.39 | -5.78   | -72.65 | 72.88            | 0.2124 | -0.1236 | 265.4             | 14 473                          | 34 572                          | Bm   |
| -1 529c                         | 25 530                          | 63.31 | -27.13  | -62.84 | 68.45            | 0.1992 | -0.1146 | 246.6             | 15 477                          | 35 575                          |      |
| -1 539c                         | 27 540                          | 69.3  | -44.69  | -52.73 | 69.12            | 0.1901 | -0.1067 | 229.7             | 16 480                          | 35 579                          |      |
| -1 544c                         | 28 545                          | 72.15 | -51.34  | -47.87 | 70.2             | 0.1872 | -0.1033 | 222.9             | 16 481                          | 36 581                          |      |
| -1 549c                         | 29 550                          | 74.91 | -56.53  | -43.16 | 71.12            | 0.1852 | -0.1001 | 217.3             | 16 483                          | 36 583                          |      |
| -1 554c                         | 30 555                          | 77.52 | -60.2   | -38.67 | 71.55            | 0.1841 | -0.0974 | 212.7             | 16 484                          | 37 585                          |      |
| -1 560c                         | 32 560                          | 82.26 | -63.09  | -30.54 | 70.09            | 0.1842 | -0.0927 | 205.8             | 17 486                          | 38 590                          |      |
| 380                             | 770                             | 95.41 | 0.0     | 0.0    | 0.0              | 0.2164 | -0.0785 | 0.0               |                                 |                                 |      |



BG371-7A\_2



BG371-8A\_2

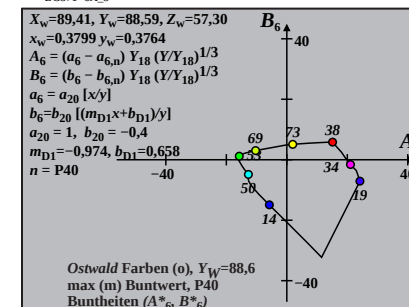
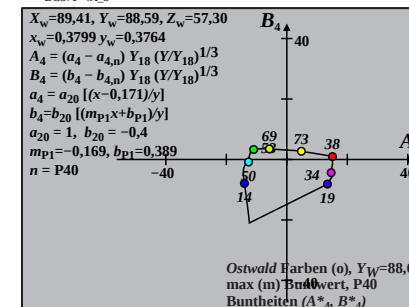
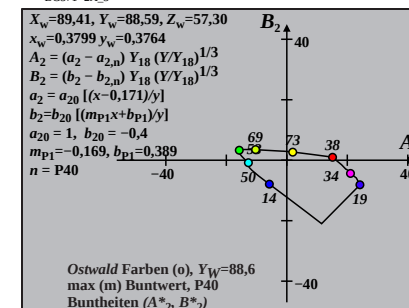
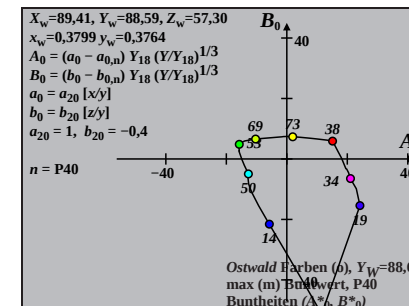
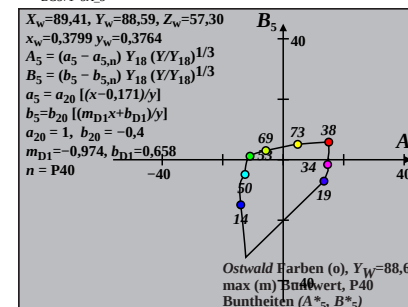
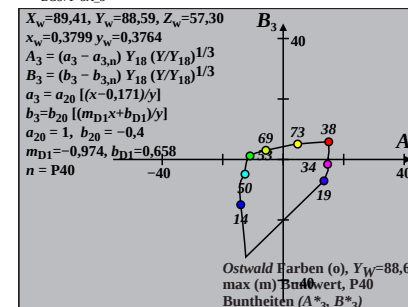
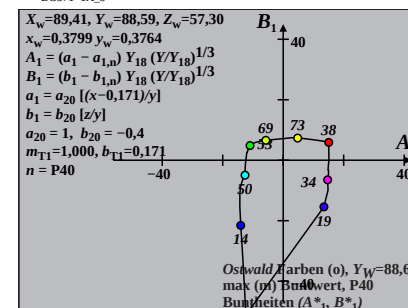
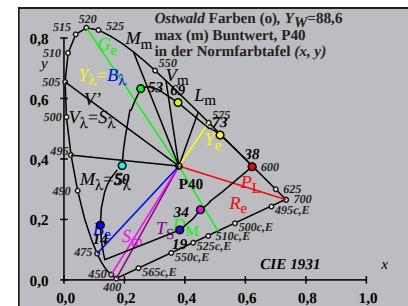
TUB-Prüfvorlage BG37; CIE (x, y) und Buntheiten (A\*, B\*)

Ostwald-Optimalfarben für Lichtart P55; Diagramm für Lichtart P55, Y<sub>w</sub>=88,6

Eingabe: w/rgb/cmyk -> rgb

**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für P40, Y<sub>w</sub>=88,6, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L*    | A*   | B*    | C* <sub>AB</sub> | a'     | b'      | h <sub>a'b'</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code               |
|---------------------------------|---------------------------------|-------|------|-------|------------------|--------|---------|-------------------|---------------------------------|---------------------------------|--------------------|
| 0                               | 405                             | 33    | 568  | 76.15 | -81.16           | -32.77 | 87.53   | 0.1748            | -0.0873                         | 201.9                           | 17 488 38 594 Cm   |
| 7                               | 435                             | 33    | 568  | 76.3  | -92.76           | -15.35 | 94.02   | 0.1685            | -0.0794                         | 189.3                           | 18 493 54 674      |
| 10                              | 450                             | 33    | 569  | 76.52 | -103.39          | 5.92   | 103.56  | 0.1627            | -0.0697                         | 176.7                           | 19 499 -1 499c     |
| 12                              | 460                             | 34    | 570  | 76.8  | -109.0           | 24.57  | 111.74  | 0.1598            | -0.0613                         | 167.2                           | 21 507 -1 507c     |
| 13                              | 465                             | 34    | 571  | 77.08 | -110.23          | 34.97  | 115.65  | 0.1593            | -0.0566                         | 162.3                           | 22 512 -1 512c     |
| 14                              | 470                             | 34    | 572  | 77.53 | -109.88          | 45.65  | 118.98  | 0.1598            | -0.0519                         | 157.4                           | 23 519 -1 519c     |
| 14                              | 475                             | 34    | 574  | 78.55 | -106.82          | 47.39  | 116.86  | 0.1621            | -0.0513                         | 156.0                           | 24 522 -1 522c Gm  |
| 15                              | 480                             | 35    | 578  | 79.92 | -101.53          | 59.31  | 117.59  | 0.1657            | -0.0464                         | 149.7                           | 26 531 -1 531c     |
| 17                              | 485                             | 37    | 585  | 81.98 | -89.65           | 80.19  | 120.28  | 0.1731            | -0.038                          | 138.1                           | 28 543 -1 543c     |
| 17                              | 490                             | 40    | 600  | 87.01 | -63.2            | 88.78  | 108.98  | 0.1884            | -0.0362                         | 125.4                           | 30 554 -1 554c max |
| 19                              | 495                             | -1    | 495c | 93.47 | -8.67            | 114.91 | 115.24  | 0.2157            | -0.0283                         | 94.3                            | 34 571 12 464      |
| 20                              | 500                             | -1    | 500c | 92.92 | -6.3             | 120.95 | 121.11  | 0.2168            | -0.0257                         | 92.9                            | 34 571 13 467      |
| 21                              | 510                             | -1    | 509c | 92.21 | -3.27            | 126.42 | 126.46  | 0.2182            | -0.0233                         | 91.4                            | 34 572 13 469      |
| 24                              | 520                             | -1    | 520c | 88.87 | 9.99             | 137.27 | 137.63  | 0.2246            | -0.0173                         | 85.8                            | 35 575 15 476 Ym   |
| 26                              | 530                             | -1    | 530c | 85.65 | 21.4             | 142.49 | 144.09  | 0.2305            | -0.0142                         | 81.4                            | 35 578 16 480      |
| 27                              | 540                             | -1    | 539c | 83.75 | 27.56            | 140.77 | 143.44  | 0.2338            | -0.0129                         | 78.9                            | 36 580 16 481      |
| 29                              | 545                             | -1    | 545c | 79.44 | 40.32            | 135.08 | 140.98  | 0.2413            | -0.0108                         | 73.3                            | 36 584 16 484      |
| 29                              | 550                             | -1    | 549c | 79.44 | 40.32            | 135.08 | 140.98  | 0.2413            | -0.0108                         | 73.3                            | 36 584 16 484      |
| 31                              | 555                             | -1    | 555c | 74.45 | 53.03            | 127.26 | 137.87  | 0.2496            | -0.0095                         | 67.3                            | 37 588 17 486      |
| 32                              | 560                             | -1    | 560c | 71.71 | 59.09            | 122.75 | 136.24  | 0.2541            | -0.0091                         | 64.2                            | 38 591 17 487      |
| 33                              | 568                             | 0     | 405  | 75.99 | 57.26            | 59.94  | 82.9    | 0.2515            | -0.045                          | 46.3                            | 38 594 17 488 Rm   |
| 33                              | 568                             | 7     | 435  | 75.84 | 62.98            | 19.31  | 65.88   | 0.2547            | -0.0636                         | 17.0                            | 54 674 18 493      |
| 33                              | 569                             | 10    | 450  | 75.61 | 68.07            | -5.61  | 68.3    | 0.2576            | -0.075                          | 35.2                            | -1 499c 19 499     |
| 34                              | 570                             | 12    | 460  | 75.33 | 71.06            | -19.23 | 73.62   | 0.2594            | -0.0812                         | 34.8                            | -1 507c 21 507     |
| 34                              | 571                             | 13    | 465  | 75.04 | 72.31            | -24.98 | 76.51   | 0.2602            | -0.0839                         | 34.0                            | -1 512c 22 512     |
| 34                              | 572                             | 14    | 470  | 74.56 | 73.47            | -30.05 | 79.38   | 0.2611            | -0.0863                         | 33.7                            | -1 519c 23 519     |
| 34                              | 574                             | 14    | 475  | 73.45 | 75.18            | -31.96 | 81.7    | 0.2626            | -0.0874                         | 33.6                            | -1 522c 24 522 Mm  |
| 35                              | 578                             | 15    | 480  | 71.87 | 77.0             | -38.02 | 85.87   | 0.2644            | -0.0906                         | 33.3                            | -1 531c 26 531     |
| 37                              | 585                             | 17    | 485  | 69.29 | 77.5             | -46.95 | 90.61   | 0.2661            | -0.0955                         | 32.8                            | -1 543c 28 543     |
| 40                              | 600                             | 17    | 490  | 61.64 | 77.04            | -60.11 | 97.72   | 0.2703            | -0.1049                         | 32.0                            | -1 554c 30 554 min |
| -1                              | 495c                            | 19    | 495  | 46.91 | 23.65            | -88.12 | 91.24   | 0.2389            | -0.1313                         | 285.0                           | 12 464 34 571      |
| -1                              | 500c                            | 20    | 500  | 48.54 | 16.7             | -86.21 | 87.81   | 0.2329            | -0.1285                         | 280.9                           | 13 467 34 571      |
| -1                              | 509c                            | 21    | 510  | 50.5  | 8.36             | -83.52 | 83.94   | 0.2261            | -0.1252                         | 275.7                           | 13 469 34 572      |
| -1                              | 520c                            | 24    | 520  | 58.14 | -21.9            | -71.49 | 74.77   | 0.2047            | -0.1129                         | 252.9                           | 15 476 35 575 Bm   |
| -1                              | 530c                            | 26    | 530  | 63.94 | -41.02           | -61.83 | 74.2    | 0.1936            | -0.1049                         | 236.4                           | 16 480 35 578      |
| -1                              | 539c                            | 27    | 540  | 66.84 | -49.01           | -56.93 | 75.12   | 0.1896            | -0.1013                         | 229.2                           | 16 481 36 580      |
| -1                              | 545c                            | 29    | 545  | 72.44 | -60.94           | -47.39 | 77.2    | 0.1846            | -0.0949                         | 217.8                           | 16 484 36 584      |
| -1                              | 549c                            | 29    | 550  | 72.44 | -60.94           | -47.39 | 77.2    | 0.1846            | -0.0949                         | 217.8                           | 16 484 36 584      |
| -1                              | 555c                            | 31    | 555  | 77.64 | -67.03           | -38.48 | 77.29   | 0.1832            | -0.0897                         | 209.8                           | 17 486 37 588      |
| -1                              | 560c                            | 32    | 560  | 80.05 | -67.9            | -34.32 | 76.08   | 0.1837            | -0.0874                         | 206.8                           | 17 487 38 591      |
| 380                             | 770                             | 95.41 | 0.0  | 0.0   | 0.0              | 0.2197 | -0.0724 | 0.0               |                                 |                                 |                    |

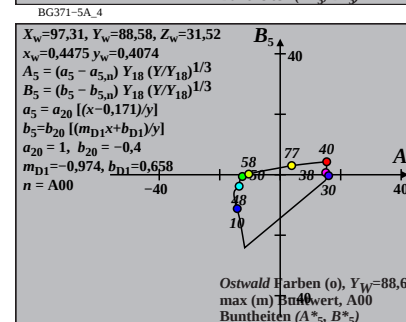
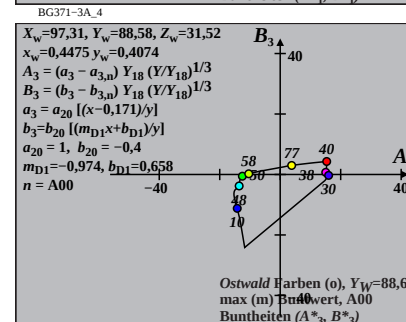
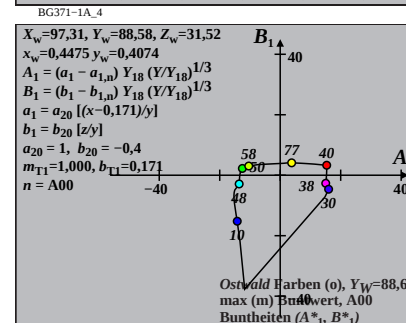
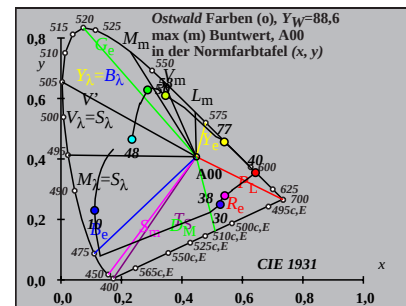


**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für A00, Y<sub>w</sub>=88,6, Y<sub>m</sub>=520\_770**

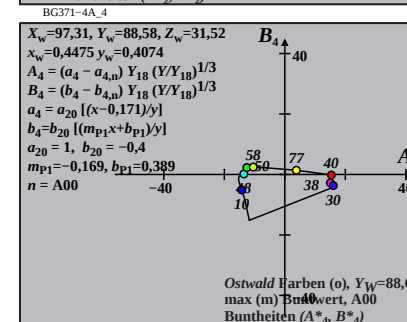
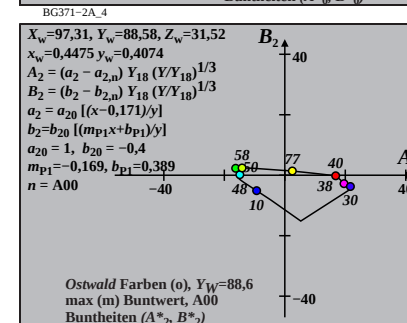
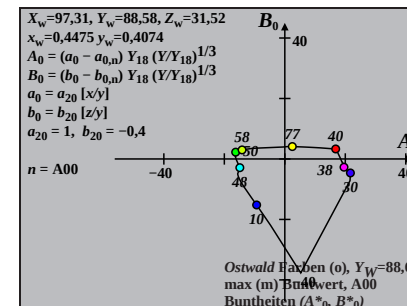
| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L*    | A*   | B*    | C* <sub>AB</sub> | a'     | b'     | h <sub>a'b'</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code               |
|---------------------------------|---------------------------------|-------|------|-------|------------------|--------|--------|-------------------|---------------------------------|---------------------------------|--------------------|
| 1                               | 405                             | 34    | 574  | 75.1  | -89.62           | -34.47 | 96.02  | 0.1744            | -0.0723                         | 201.0                           | 18 494 39 599 Cm   |
| 6                               | 435                             | 34    | 574  | 75.2  | -92.9            | -25.32 | 96.29  | 0.1726            | -0.0689                         | 195.2                           | 19 496 42 611      |
| 9                               | 450                             | 34    | 574  | 75.35 | -97.58           | -9.35  | 98.03  | 0.17              | -0.0628                         | 185.4                           | 20 501 -1 501c     |
| 12                              | 460                             | 35    | 575  | 75.46 | -102.16          | 14.46  | 103.18 | 0.1674            | -0.0539                         | 171.9                           | 21 508 -1 508c     |
| 13                              | 465                             | 35    | 575  | 75.61 | -102.7           | 24.07  | 105.49 | 0.1672            | -0.0503                         | 166.8                           | 22 512 -1 512c     |
| 13                              | 470                             | 35    | 576  | 75.98 | -101.54          | 24.69  | 104.5  | 0.1681            | -0.0501                         | 166.3                           | 22 513 -1 513c     |
| 14                              | 475                             | 35    | 577  | 76.43 | -100.59          | 34.93  | 106.48 | 0.1689            | -0.0463                         | 160.8                           | 23 519 -1 519c Gm  |
| 16                              | 480                             | 35    | 579  | 77.02 | -97.98           | 54.06  | 111.9  | 0.1708            | -0.0393                         | 151.1                           | 26 532 -1 532c     |
| 17                              | 485                             | 36    | 582  | 78.26 | -92.08           | 64.5   | 112.42 | 0.1748            | -0.0357                         | 144.9                           | 28 540 -1 540c     |
| 18                              | 490                             | 37    | 588  | 80.5  | -81.29           | 76.14  | 111.38 | 0.1818            | -0.0321                         | 136.8                           | 29 548 -1 548c max |
| 19                              | 495                             | 40    | 601  | 84.99 | -57.5            | 91.22  | 107.83 | 0.1962            | -0.0282                         | 122.2                           | 31 559 -1 559c     |
| 20                              | 500                             | -1    | 500c | 93.78 | -0.95            | 113.52 | 113.52 | 0.2256            | -0.0237                         | 90.4                            | 35 576 13 469      |
| 21                              | 510                             | -1    | 509c | 93.25 | 1.28             | 119.63 | 119.63 | 0.2266            | -0.0216                         | 89.3                            | 35 576 14 472      |
| 24                              | 520                             | -1    | 520c | 90.69 | 11.58            | 132.91 | 133.41 | 0.2317            | -0.0164                         | 85.0                            | 35 579 16 480 Ym   |
| 26                              | 530                             | -1    | 530c | 88.07 | 20.99            | 147.0  | 148.49 | 0.2366            | -0.0136                         | 81.8                            | 36 582 16 484      |
| 28                              | 540                             | -1    | 540c | 84.74 | 31.76            | 143.55 | 147.02 | 0.2426            | -0.0113                         | 77.5                            | 37 585 17 487      |
| 28                              | 545                             | -1    | 544c | 84.74 | 31.76            | 143.55 | 147.02 | 0.2426            | -0.0113                         | 77.5                            | 37 585 17 487      |
| 29                              | 550                             | -1    | 549c | 82.81 | 37.48            | 140.86 | 145.76 | 0.2459            | -0.0105                         | 75.0                            | 37 586 17 489      |
| 31                              | 555                             | -1    | 555c | 78.4  | 49.14            | 134.01 | 142.73 | 0.2533            | -0.0093                         | 69.8                            | 38 590 18 491      |
| 32                              | 560                             | -1    | 560c | 75.93 | 54.89            | 129.96 | 141.08 | 0.2573            | -0.0089                         | 67.1                            | 38 593 18 492      |
| 34                              | 574                             | 1     | 405  | 77.02 | 58.79            | 61.28  | 84.92  | 0.2592            | -0.0366                         | 46.1                            | 39 599 18 494 Rm   |
| 34                              | 574                             | 6     | 435  | 76.92 | 60.43            | 36.03  | 70.36  | 0.2601            | -0.046                          | 30.8                            | 42 611 19 496      |
| 34                              | 574                             | 9     | 450  | 76.78 | 62.73            | 10.26  | 63.57  | 0.2615            | -0.0555                         | 9.2                             | -1 501c 20 501     |
| 35                              | 575                             | 12    | 460  | 76.67 | 64.86            | -11.92 | 65.94  | 0.2627            | -0.0637                         | 349.5                           | -1 508c 21 508     |
| 35                              | 575                             | 13    | 465  | 76.52 | 65.45            | -18.06 | 67.89  | 0.2631            | -0.066                          | 344.5                           | -1 512c 22 512     |
| 35                              | 576                             | 13    | 470  | 76.16 | 65.9             | -18.68 | 68.5   | 0.2635            | -0.0663                         | 344.1                           | -1 513c 22 513     |
| 35                              | 577                             | 14    | 475  | 75.7  | 66.68            | -24.34 | 70.99  | 0.2642            | -0.0684                         | 339.9                           | -1 519c 23 519 Mm  |
| 35                              | 579                             | 16    | 480  | 75.1  | 67.09            | -32.36 | 74.49  | 0.2647            | -0.0715                         | 334.2                           | -1 532c 26 532     |
| 36                              | 582                             | 17    | 485  | 73.78 | 67.7             | -37.04 | 77.17  | 0.2656            | -0.0735                         | 331.3                           | -1 540c 28 540     |
| 37                              | 588                             | 18    | 490  | 71.17 | 68.27            | -43.39 | 80.89  | 0.2671            | -0.0764                         | 327.5                           | -1 548c 29 548 min |
| 40                              | 601                             | 19    | 495  | 64.98 | 65.19            | -55.52 | 85.63  | 0.2683            | -0.0829                         | 319.5                           | -1 559c 31 559     |
| -1                              | 500c                            | 20    | 500  | 45.97 | 2.94             | -89.46 | 89.51  | 0.2285            | -0.109                          | 271.8                           | 13 469 35 576      |
| -1                              | 509c                            | 21    | 510  | 47.57 | -3.84            | -87.66 | 87.74  | 0.2228            | -0.1068                         | 267.4                           | 14 472 35 576      |
| -1                              | 520c                            | 24    | 520  | 54.25 | -30.32           | -77.76 | 83.47  | 0.2034            | -0.0974                         | 248.6                           | 16 480 35 579 Bm   |
| -1                              | 530c                            | 26    | 530  | 59.7  | -48.36           | -68.89 | 84.17  | 0.1925            | -0.0906                         | 234.9                           | 16 484 36 582      |
| -1                              | 540c                            | 28    | 540  | 65.36 | -62.97           | -59.4  | 86.57  | 0.1854            | -0.0844                         | 223.3                           | 17 487 37 585      |
| -1                              | 544c                            | 28    | 545  | 65.36 | -62.97           | -59.4  | 86.57  | 0.1854            | -0.0844                         | 223.3                           | 17 487 37 585      |
| -1                              | 549c                            | 29    | 550  | 68.17 | -68.41           | -54.64 | 87.56  | 0.1834            | -0.0817                         | 218.6                           | 17 489 37 586      |
| -1                              | 555c                            | 31    | 555  | 73.61 | -75.02           | -45.35 | 87.66  | 0.1821            | -0.0767                         | 211.1                           | 18 491 38 590      |
| -1                              | 560c                            | 32    | 560  | 76.21 | -76.11           | -40.9  | 86.4   | 0.1827            | -0.0746                         | 208.2                           | 18 492 38 593      |
| 380                             | 770                             | 95.41 | 0.0  | 0.0   | 0.0              | 0.0    | 0.226  | -0.0593           | 0.0                             |                                 |                    |

TUB-Prüfvorlage BG37; CIE (x, y) und Buntheiten (A\*, B\*)

Ostwald-Optimalfarben für Lichtart P45; Diagramm für Lichtart P45, Y<sub>w</sub>=88,6

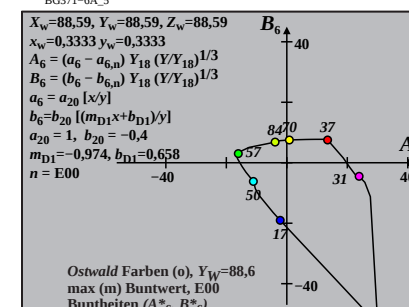
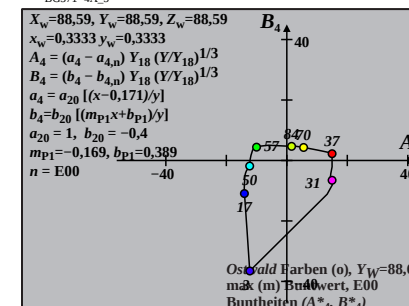
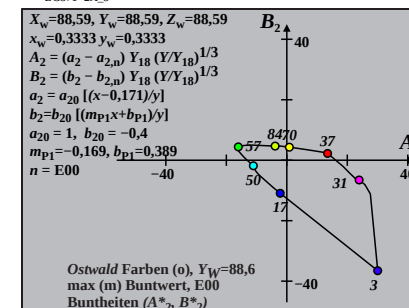
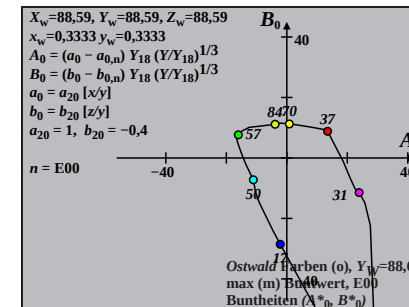
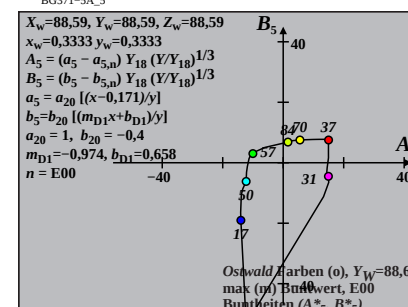
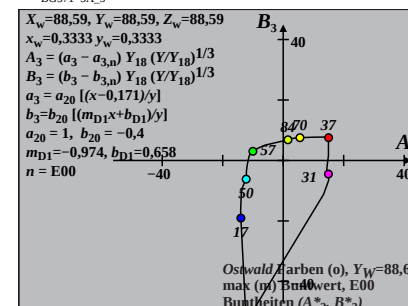
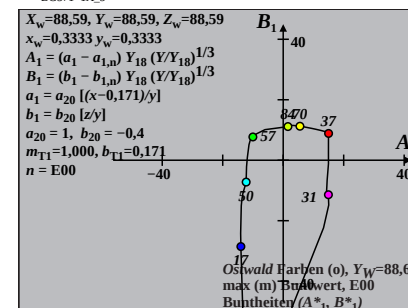
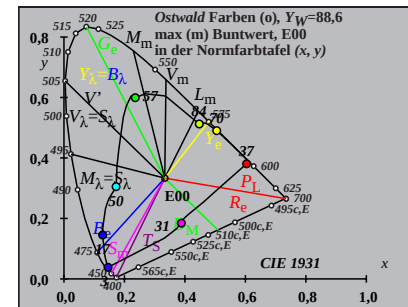


BG37-1A\_4



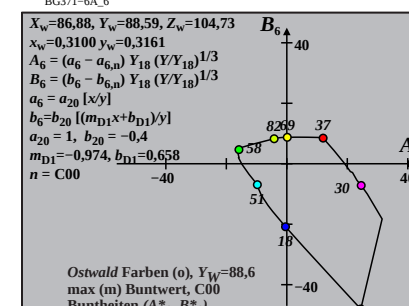
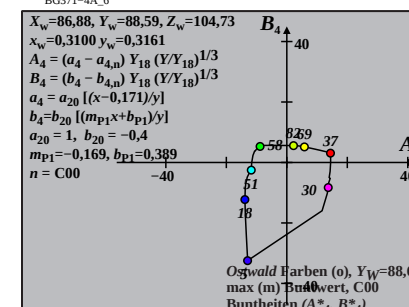
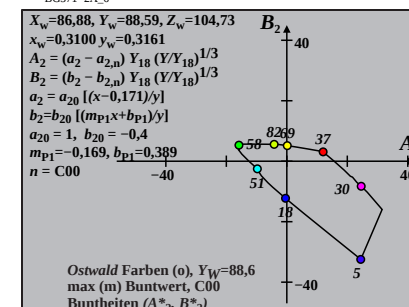
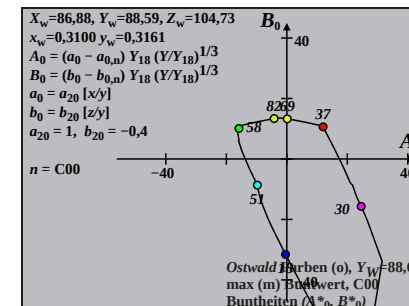
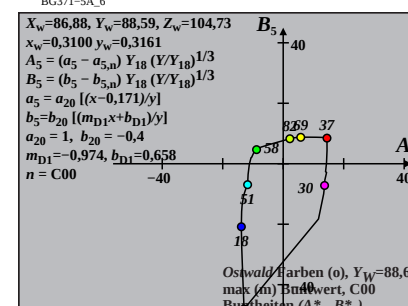
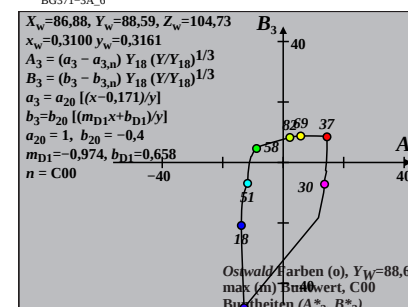
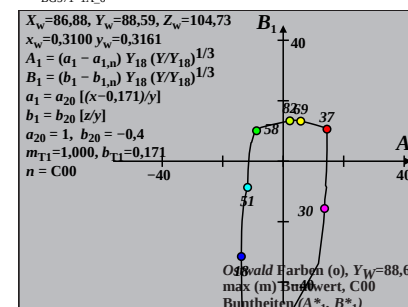
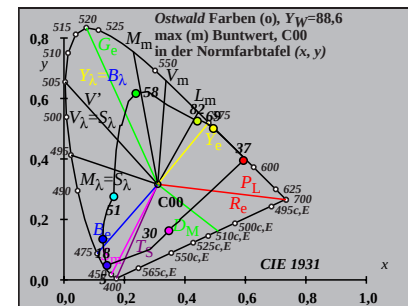
**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für E00, Y<sub>w</sub>=88,6, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L*    | A*      | B*     | C* <sub>AB</sub> | a'     | b'      | h <sub>a'b'</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------|---------|--------|------------------|--------|---------|-------------------|---------------------------------|---------------------------------|------|
| 1 405                           | 32 564                          | 76.6  | -69.08  | -31.31 | 75.85            | 0.1811 | -0.1001 | 204.3             | 16 484                          | 38 592                          | Cm   |
| 6 435                           | 33 565                          | 76.87 | -83.25  | -16.62 | 84.9             | 0.1735 | -0.0924 | 191.2             | 17 488                          | 45 627                          |      |
| 10 450                          | 33 566                          | 77.15 | -105.94 | 13.16  | 106.75           | 0.1612 | -0.0768 | 172.9             | 19 498                          | -1 498c                         |      |
| 12 460                          | 33 568                          | 77.59 | -114.64 | 33.12  | 119.33           | 0.1568 | -0.0665 | 163.8             | 21 507                          | -1 507c                         |      |
| 13 465                          | 33 569                          | 78.04 | -116.79 | 44.15  | 124.86           | 0.1559 | -0.0609 | 159.2             | 22 514                          | -1 514c                         |      |
| 14 470                          | 34 571                          | 78.76 | -115.98 | 55.46  | 128.56           | 0.1568 | -0.0553 | 154.4             | 24 522                          | -1 522c                         |      |
| 14 475                          | 35 575                          | 80.28 | -110.87 | 58.06  | 125.16           | 0.1605 | -0.0544 | 152.3             | 25 525                          | -1 525c                         | Gm   |
| 16 480                          | 36 581                          | 82.07 | -101.54 | 79.74  | 129.11           | 0.1664 | -0.0442 | 141.8             | 27 538                          | -1 538c                         |      |
| 17 485                          | 39 595                          | 85.98 | -78.4   | 94.65  | 122.9            | 0.18   | -0.0386 | 129.6             | 29 549                          | -1 549c                         |      |
| 18 490                          | -1 490c                         | 93.34 | -19.39  | 114.83 | 116.45           | 0.21   | -0.0327 | 99.5              | 33 568                          | 11 459                          | max  |
| 19 495                          | -1 495c                         | 92.82 | -17.2   | 120.93 | 122.15           | 0.211  | -0.0297 | 98.0              | 33 568                          | 12 461                          |      |
| 19 500                          | -1 499c                         | 92.82 | -17.2   | 120.93 | 122.15           | 0.211  | -0.0297 | 98.0              | 33 568                          | 12 461                          |      |
| 22 510                          | -1 510c                         | 90.25 | -6.38   | 135.26 | 135.41           | 0.216  | -0.0218 | 92.7              | 34 571                          | 13 469                          |      |
| 24 520                          | -1 520c                         | 87.48 | 4.41    | 140.06 | 140.13           | 0.2212 | -0.0178 | 88.1              | 34 574                          | 14 473                          | Ym   |
| 26 530                          | -1 530c                         | 83.91 | 16.98   | 139.43 | 140.46           | 0.2277 | -0.0145 | 83.0              | 35 577                          | 15 477                          |      |
| 28 540                          | -1 540c                         | 79.62 | 30.39   | 134.74 | 138.12           | 0.2352 | -0.0119 | 77.2              | 36 581                          | 15 479                          |      |
| 29 545                          | -1 545c                         | 77.23 | 37.16   | 131.33 | 136.49           | 0.2393 | -0.0109 | 74.2              | 36 583                          | 16 480                          |      |
| 29 550                          | -1 549c                         | 77.23 | 37.16   | 131.33 | 136.49           | 0.2393 | -0.0109 | 74.2              | 36 583                          | 16 480                          |      |
| 30 555                          | -1 554c                         | 74.68 | 43.84   | 127.41 | 134.75           | 0.2436 | -0.0102 | 71.0              | 37 585                          | 16 482                          |      |
| 32 560                          | -1 560c                         | 69.15 | 56.54   | 118.4  | 131.21           | 0.2528 | -0.0092 | 64.4              | 38 590                          | 16 483                          |      |
| 32 564                          | 1 405                           | 75.53 | 52.02   | 56.66  | 76.92            | 0.2479 | -0.0536 | 47.4              | 38 592                          | 16 484                          | Rm   |
| 33 565                          | 6 435                           | 75.26 | 59.93   | 21.99  | 63.84            | 0.2524 | -0.072  | 20.1              | 45 627                          | 17 488                          |      |
| 33 566                          | 10 450                          | 74.96 | 70.8    | -11.79 | 71.78            | 0.2586 | -0.09   | 350.5             | -1 498c                         | 19 498                          |      |
| 33 568                          | 12 460                          | 74.5  | 75.51   | -24.57 | 79.41            | 0.2615 | -0.0969 | 341.9             | -1 507c                         | 21 507                          |      |
| 33 569                          | 13 465                          | 74.01 | 77.68   | -30.06 | 83.3             | 0.2629 | -0.0999 | 338.8             | -1 514c                         | 22 514                          |      |
| 34 571                          | 14 470                          | 73.22 | 79.58   | -35.1  | 86.98            | 0.2644 | -0.1028 | 336.1             | -1 522c                         | 24 522                          |      |
| 35 575                          | 14 475                          | 71.44 | 82.38   | -38.16 | 90.79            | 0.2669 | -0.1049 | 335.1             | -1 525c                         | 25 525                          | Mm   |
| 36 581                          | 16 480                          | 69.16 | 84.14   | -47.04 | 96.4             | 0.2693 | -0.1106 | 330.7             | -1 538c                         | 27 538                          |      |
| 39 595                          | 17 485                          | 63.38 | 84.88   | -58.57 | 103.13           | 0.2734 | -0.1196 | 325.3             | -1 549c                         | 29 549                          |      |
| -1 490c                         | 18 490                          | 47.3  | 46.95   | -87.46 | 99.27            | 0.2568 | -0.1509 | 298.2             | 11 459                          | 33 568                          | min  |
| -1 495c                         | 19 495                          | 48.83 | 40.54   | -85.72 | 94.82            | 0.2508 | -0.148  | 295.3             | 12 461                          | 33 568                          |      |
| -1 499c                         | 19 500                          | 48.83 | 40.54   | -85.72 | 94.82            | 0.2508 | -0.148  | 295.3             | 12 461                          | 33 568                          |      |
| -1 510c                         | 22 510                          | 55.24 | 13.41   | -76.26 | 77.43            | 0.2286 | -0.1357 | 279.9             | 13 469                          | 34 571                          |      |
| -1 520c                         | 24 520                          | 60.79 | -8.29   | -67.14 | 67.65            | 0.2136 | -0.1262 | 262.9             | 14 473                          | 34 574                          | Bm   |
| -1 530c                         | 26 530                          | 66.61 | -27.96  | -57.34 | 63.79            | 0.2018 | -0.1174 | 244.0             | 15 477                          | 35 577                          |      |
| -1 540c                         | 28 540                          | 72.23 | -43.08  | -47.77 | 64.32            | 0.1942 | -0.11   | 227.9             | 15 479                          | 36 581                          |      |
| -1 545c                         | 29 545                          | 74.88 | -48.61  | -43.22 | 65.04            | 0.1919 | -0.1068 | 221.6             | 16 480                          | 36 583                          |      |
| -1 549c                         | 29 550                          | 74.88 | -48.61  | -43.22 | 65.04            | 0.1919 | -0.1068 | 221.6             | 16 480                          | 36 583                          |      |
| -1 554c                         | 30 555                          | 77.42 | -52.73  | -38.87 | 65.51            | 0.1904 | -0.1039 | 216.3             | 16 482                          | 37 585                          |      |
| -1 560c                         | 32 560                          | 82.08 | -56.81  | -30.85 | 64.64            | 0.1896 | -0.099  | 208.5             | 16 483                          | 38 590                          |      |
| 380                             | 770                             | 95.41 | 0.0     | 0.0    | 0.0              | 0.2191 | -0.0837 | 0.0               |                                 |                                 |      |



**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für C00, Y<sub>w</sub>=88,6, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | L*    | A*      | B*     | C* <sub>AB</sub> | a'     | b'      | h <sub>a'b'</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------|---------|--------|------------------|--------|---------|-------------------|---------------------------------|---------------------------------|------|
| 1 405                           | 32 562                          | 76.74 | -60.71  | -31.53 | 68.41            | 0.1846 | -0.106  | 207.4             | 16 482                          | 37 589                          | Cm   |
| 6 435                           | 32 563                          | 77.1  | -75.59  | -18.15 | 77.74            | 0.1766 | -0.0985 | 193.5             | 17 486                          | 42 612                          |      |
| 10 450                          | 32 564                          | 77.49 | -103.41 | 12.37  | 104.15           | 0.1618 | -0.0817 | 173.1             | 19 496                          | -1 496c                         |      |
| 11 460                          | 33 566                          | 78.25 | -108.37 | 23.18  | 110.82           | 0.1595 | -0.0759 | 167.9             | 20 501                          | -1 501c                         |      |
| 13 465                          | 33 568                          | 78.6  | -116.95 | 44.69  | 125.2            | 0.1552 | -0.0642 | 159.0             | 22 513                          | -1 513c                         |      |
| 14 470                          | 34 570                          | 79.49 | -116.54 | 56.8   | 129.65           | 0.156  | -0.058  | 154.0             | 24 522                          | -1 522c                         |      |
| 15 475                          | 35 575                          | 80.97 | -111.59 | 69.55  | 131.5            | 0.1595 | -0.0517 | 148.0             | 26 530                          | -1 530c                         | Gm   |
| 16 480                          | 36 582                          | 83.43 | -99.04  | 83.37  | 129.46           | 0.1673 | -0.0454 | 139.9             | 28 540                          | -1 540c                         |      |
| 16 485                          | 40 602                          | 88.52 | -69.85  | 92.1   | 115.59           | 0.1839 | -0.0432 | 127.1             | 30 551                          | -1 551c                         |      |
| 18 490                          | -1 490c                         | 92.88 | -23.61  | 116.49 | 118.86           | 0.2067 | -0.0335 | 101.4             | 33 566                          | 11 459                          | max  |
| 19 495                          | -1 495c                         | 92.27 | -21.08  | 122.81 | 124.61           | 0.2078 | -0.0302 | 99.7              | 33 567                          | 12 462                          |      |
| 19 500                          | -1 499c                         | 92.27 | -21.08  | 122.81 | 124.61           | 0.2078 | -0.0302 | 99.7              | 33 567                          | 12 462                          |      |
| 21 510                          | -1 509c                         | 90.63 | -14.11  | 133.09 | 133.84           | 0.2109 | -0.0244 | 96.0              | 33 568                          | 13 466                          |      |
| 24 520                          | -1 520c                         | 86.82 | 0.98    | 138.89 | 138.89           | 0.2181 | -0.018  | 89.5              | 34 572                          | 14 472                          | Ym   |
| 26 530                          | -1 530c                         | 83.24 | 13.42   | 138.16 | 138.82           | 0.2245 | -0.0147 | 84.4              | 35 575                          | 15 475                          |      |
| 28 540                          | -1 540c                         | 78.78 | 27.18   | 133.23 | 135.98           | 0.2321 | -0.0121 | 78.4              | 35 579                          | 15 478                          |      |
| 28 545                          | -1 544c                         | 78.78 | 27.18   | 133.23 | 135.98           | 0.2321 | -0.0121 | 78.4              | 35 579                          | 15 478                          |      |
| 29 550                          | -1 549c                         | 76.22 | 34.3    | 129.57 | 134.04           | 0.2364 | -0.0111 | 75.1              | 36 581                          | 15 479                          |      |
| 31 555                          | -1 555c                         | 70.53 | 48.35   | 120.57 | 129.91           | 0.2459 | -0.0097 | 68.1              | 37 586                          | 16 481                          |      |
| 31 560                          | -1 559c                         | 70.53 | 48.35   | 120.57 | 129.91           | 0.2459 | -0.0097 | 68.1              | 37 586                          | 16 481                          |      |
| 32 562                          | 1 405                           | 75.39 | 47.53   | 58.07  | 75.05            | 0.2439 | -0.0559 | 50.6              | 37 589                          | 16 482                          | Rm   |
| 32 563                          | 6 435                           | 75.02 | 56.57   | 24.98  | 61.85            | 0.249  | -0.0744 | 23.8              | 42 612                          | 17 486                          |      |
| 32 564                          | 10 450                          | 74.6  | 70.7    | -11.34 | 71.6             | 0.257  | -0.095  | 350.8             | -1 496c                         | 19 496                          |      |
| 33 566                          | 11 460                          | 73.79 | 74.94   | -19.51 | 77.44            | 0.2598 | -0.0997 | 345.4             | -1 501c                         | 20 501                          |      |
| 33 568                          | 13 465                          | 73.4  | 79.46   | -30.95 | 85.28            | 0.2625 | -0.1063 | 338.7             | -1 513c                         | 22 513                          |      |
| 34 570                          | 14 470                          | 72.38 | 82.16   | -36.58 | 89.94            | 0.2646 | -0.1098 | 336.0             | -1 522c                         | 24 522                          |      |
| 35 575                          | 15 475                          | 70.59 | 85.04   | -42.63 | 95.13            | 0.2672 | -0.1138 | 333.3             | -1 530c                         | 26 530                          | Mm   |
| 36 582                          | 16 480                          | 67.3  | 87.79   | -50.52 | 101.29           | 0.2709 | -0.1197 | 330.0             | -1 540c                         | 28 540                          |      |
| 40 602                          | 16 485                          | 58.85 | 89.22   | -65.08 | 110.44           | 0.2779 | -0.1332 | 323.8             | -1 551c                         | 30 551                          |      |
| -1 490c                         | 18 490                          | 48.66 | 52.94   | -85.45 | 100.53           | 0.259  | -0.1564 | 301.7             | 11 459                          | 33 566                          | min  |
| -1 495c                         | 19 495                          | 50.34 | 45.9    | -83.43 | 95.22            | 0.2526 | -0.1531 | 298.8             | 12 462                          | 33 567                          |      |
| -1 499c                         | 19 500                          | 50.34 | 45.9    | -83.43 | 95.22            | 0.2526 | -0.1531 | 298.8             | 12 462                          | 33 567                          |      |
| -1 509c                         | 21 510                          | 54.38 | 28.62   | -77.55 | 82.66            | 0.2382 | -0.1451 | 290.2             | 13 466                          | 33 568                          |      |
| -1 520c                         | 24 520                          | 61.97 | -1.71   | -65.17 | 65.19            | 0.2165 | -0.1315 | 268.4             | 14 472                          | 34 572                          | Bm   |
| -1 530c                         | 26 530                          | 67.56 | -20.71  | -55.73 | 59.45            | 0.2051 | -0.1228 | 249.6             | 15 475                          | 35 575                          |      |
| -1 540c                         | 28 540                          | 73.19 | -36.06  | -46.12 | 58.55            | 0.1972 | -0.1151 | 231.9             | 15 478                          | 35 579                          |      |
| -1 544c                         | 28 545                          | 73.19 | -36.06  | -46.12 | 58.55            | 0.1972 | -0.1151 | 231.9             | 15 478                          | 35 579                          |      |
| -1 549c                         | 29 550                          | 75.92 | -41.87  | -41.45 | 58.92            | 0.1946 | -0.1117 | 224.7             | 15 479                          | 36 581                          |      |
| -1 555c                         | 31 555                          | 81.02 | -49.23  | -32.68 | 59.1             | 0.192  | -0.1058 | 213.5             | 16 481                          | 37 586                          |      |
| -1 559c                         | 31 560                          | 81.02 | -49.23  | -32.68 | 59.1             | 0.192  | -0.1058 | 213.5             | 16 481                          | 37 586                          |      |
| 380                             | 770                             | 95.41 | 0.0     | 0.0    | 0.0              | 0.2176 | -0.0885 | 0.0               |                                 |                                 |      |



TUB-Prüfvorlage BG37; CIE (x, y) und Buntheiten (A\*, B\*)

Ostwald-Optimalfarben für Lichtart P35; Diagramm für Lichtart P35, Y<sub>w</sub>=88,6

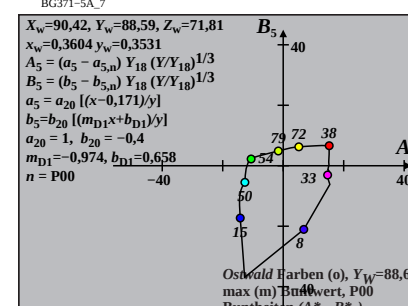
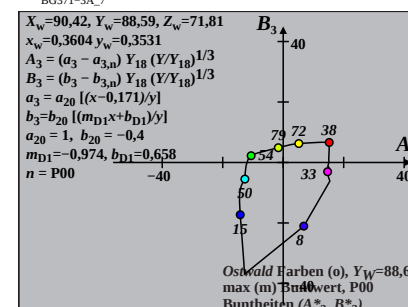
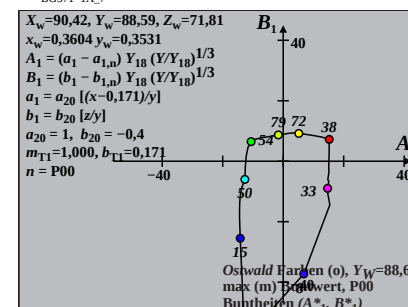
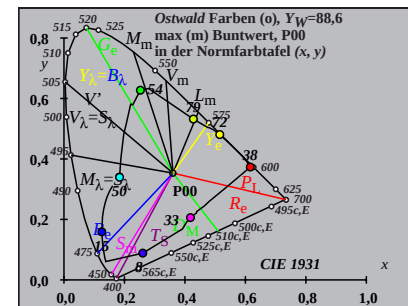
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Anwendung für Messung von Offsetdruck-Ausgabe

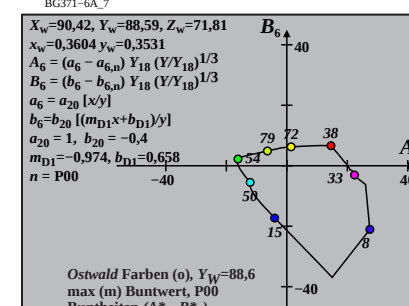
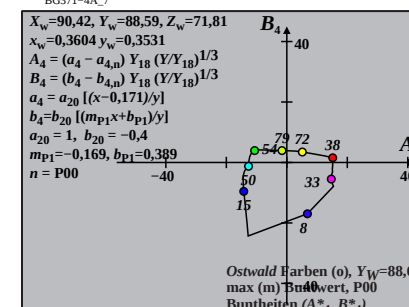
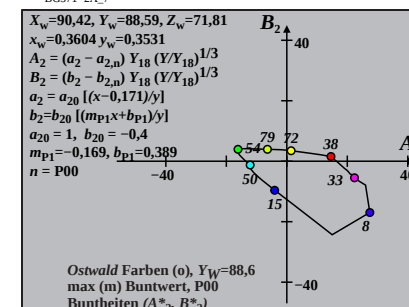
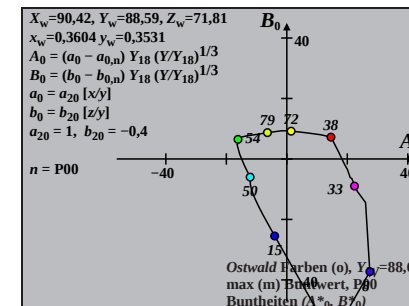
TUB-Material: Code=rh4ta

**Ostwald-Optimalfarben (o) von maximalem (m)  $C_{AB}$  für P00,  $Y_w=88,6$ ,  $Y_m=520,770$**

| $i_1, \lambda_1$ | $i_2, \lambda_2$ | $L^*$ | $A^*$   | $B^*$  | $C^*_{AB}$ | $a'$   | $b'$    | $h_a'b'$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ | Code |
|------------------|------------------|-------|---------|--------|------------|--------|---------|----------|------------------|------------------|------|
| 1 405            | 33 567           | 76.28 | -75.76  | -31.99 | 82.24      | 0.1785 | -0.0938 | 202.8    | 17 486           | 38 594           | Cm   |
| 7 435            | 33 567           | 76.45 | -91.19  | -12.54 | 92.04      | 0.1701 | -0.0842 | 187.8    | 18 491           | -1 491c          |      |
| 10 450           | 33 568           | 76.72 | -104.67 | 10.21  | 105.17     | 0.1628 | -0.0731 | 174.4    | 19 499           | -1 499c          |      |
| 12 460           | 34 570           | 77.07 | -111.67 | 29.59  | 115.53     | 0.1591 | -0.0636 | 165.1    | 21 507           | -1 507c          |      |
| 13 465           | 34 571           | 77.42 | -113.05 | 40.29  | 120.02     | 0.1586 | -0.0585 | 160.3    | 22 513           | -1 513c          |      |
| 13 470           | 34 572           | 78.21 | -110.59 | 41.65  | 118.18     | 0.1605 | -0.058  | 159.3    | 23 515           | -1 515c          |      |
| 15 475           | 35 575           | 78.99 | -109.18 | 62.54  | 125.83     | 0.1617 | -0.0482 | 150.1    | 25 529           | -1 529c          | Gm   |
| 16 480           | 36 580           | 80.69 | -101.36 | 74.39  | 125.73     | 0.1669 | -0.0432 | 143.7    | 27 537           | -1 537c          |      |
| 17 485           | 37 589           | 83.72 | -84.91  | 87.82  | 122.15     | 0.177  | -0.0381 | 134.0    | 29 547           | -1 547c          |      |
| 18 490           | 45 625           | 91.14 | -33.9   | 108.12 | 113.31     | 0.2043 | -0.0323 | 107.4    | 32 564           | -1 564c          | max  |
| 18 495           | -1 494c          | 93.66 | -14.29  | 112.46 | 113.37     | 0.2139 | -0.0316 | 97.2     | 34 570           | 12 460           |      |
| 20 500           | -1 500c          | 92.6  | -9.81   | 124.47 | 124.86     | 0.2159 | -0.0261 | 94.5     | 34 571           | 13 465           |      |
| 22 510           | -1 510c          | 90.89 | -2.62   | 133.86 | 133.89     | 0.2193 | -0.0213 | 91.1     | 34 573           | 14 470           |      |
| 24 520           | -1 520c          | 88.36 | 7.29    | 141.96 | 142.15     | 0.2241 | -0.0175 | 87.0     | 35 575           | 14 474           | Ym   |
| 25 530           | -1 529c          | 86.79 | 12.99   | 142.28 | 142.87     | 0.227  | -0.0158 | 84.7     | 35 577           | 15 476           |      |
| 28 540           | -1 540c          | 81.0  | 31.75   | 137.12 | 140.75     | 0.2373 | -0.0117 | 76.9     | 36 582           | 16 481           |      |
| 28 545           | -1 544c          | 81.0  | 31.75   | 137.12 | 140.75     | 0.2373 | -0.0117 | 76.9     | 36 582           | 16 481           |      |
| 30 550           | -1 550c          | 76.31 | 44.71   | 130.19 | 137.66     | 0.2453 | -0.0101 | 71.0     | 37 586           | 16 483           |      |
| 30 555           | -1 554c          | 76.31 | 44.71   | 130.19 | 137.66     | 0.2453 | -0.0101 | 71.0     | 37 586           | 16 483           |      |
| 32 560           | -1 560c          | 70.99 | 57.12   | 121.54 | 134.3      | 0.2542 | -0.0091 | 64.8     | 38 591           | 17 485           |      |
| 33 567           | 1 405            | 75.86 | 54.85   | 57.65  | 79.58      | 0.2511 | -0.0496 | 46.4     | 38 594           | 17 486           | Rm   |
| 33 567           | 7 435            | 75.69 | 62.65   | 15.19  | 64.46      | 0.2555 | -0.0705 | 13.6     | -1 491c          | 18 491           |      |
| 33 568           | 10 450           | 75.41 | 69.11   | -9.29  | 69.74      | 0.2593 | -0.0827 | 352.3    | -1 499c          | 19 499           |      |
| 34 570           | 12 460           | 75.05 | 72.86   | -22.26 | 76.19      | 0.2615 | -0.0891 | 343.0    | -1 507c          | 21 507           |      |
| 34 571           | 13 465           | 74.68 | 74.39   | -27.74 | 79.39      | 0.2625 | -0.0919 | 339.5    | -1 513c          | 22 513           |      |
| 34 572           | 13 470           | 73.83 | 75.74   | -29.21 | 81.17      | 0.2637 | -0.0928 | 338.9    | -1 515c          | 23 515           |      |
| 35 575           | 15 475           | 72.95 | 77.52   | -37.58 | 86.15      | 0.2652 | -0.0972 | 334.1    | -1 529c          | 25 529           | Mm   |
| 36 580           | 16 480           | 70.94 | 79.35   | -43.32 | 90.41      | 0.2673 | -0.1006 | 331.3    | -1 537c          | 27 537           |      |
| 37 589           | 17 485           | 66.88 | 80.65   | -52.01 | 95.97      | 0.2704 | -0.1065 | 327.1    | -1 547c          | 29 547           |      |
| 45 625           | 18 490           | 53.19 | 61.79   | -76.9  | 98.65      | 0.2663 | -0.1284 | 308.7    | -1 564c          | 32 564           | min  |
| -1 494c          | 18 495           | 46.34 | 37.45   | -88.7  | 96.29      | 0.2513 | -0.1425 | 292.8    | 12 460           | 34 570           |      |
| -1 500c          | 20 500           | 49.43 | 24.32   | -85.1  | 88.51      | 0.2396 | -0.137  | 285.9    | 13 465           | 34 571           |      |
| -1 510c          | 22 510           | 53.78 | 6.0     | -78.62 | 78.85      | 0.225  | -0.1291 | 274.3    | 14 470           | 34 573           |      |
| -1 520c          | 24 520           | 59.16 | -14.97  | -69.87 | 71.45      | 0.2104 | -0.1202 | 257.9    | 14 474           | 35 575           | Bm   |
| -1 529c          | 25 530           | 62.02 | -25.04  | -65.09 | 69.74      | 0.2041 | -0.1158 | 248.9    | 15 476           | 35 577           |      |
| -1 540c          | 28 540           | 70.54 | -49.21  | -50.65 | 70.62      | 0.1914 | -0.1046 | 225.8    | 16 481           | 36 582           |      |
| -1 544c          | 28 545           | 70.54 | -49.21  | -50.65 | 70.62      | 0.1914 | -0.1046 | 225.8    | 16 481           | 36 582           |      |
| -1 550c          | 30 550           | 75.83 | -58.74  | -41.6  | 71.98      | 0.1878 | -0.0986 | 215.3    | 16 483           | 37 586           |      |
| -1 554c          | 30 555           | 75.83 | -58.74  | -41.6  | 71.98      | 0.1878 | -0.0986 | 215.3    | 16 483           | 37 586           |      |
| -1 560c          | 32 560           | 80.64 | -62.64  | -33.32 | 70.95      | 0.1874 | -0.0937 | 208.0    | 17 485           | 38 591           |      |
| 380              | 770              | 95.41 | 0.0     | 0.0    | 0.0        | 0.2205 | -0.078  | 0.0      |                  |                  |      |



BG371-7A\_7



BG371-8A\_7

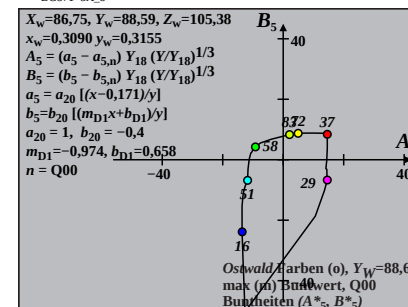
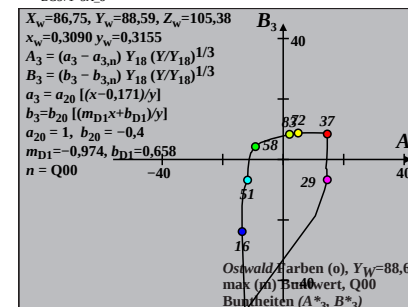
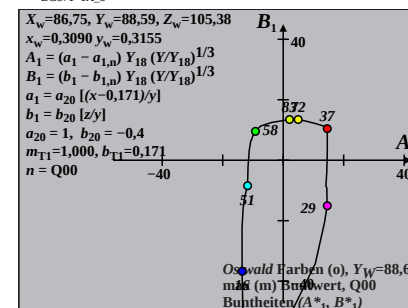
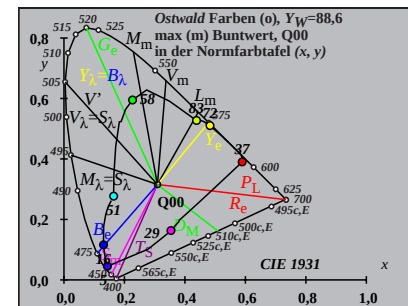
TUB-Prüfvorlage BG37; CIE ( $x, y$ ) und Buntheiten ( $A^*, B^*$ )

Ostwald-Optimalfarben für Lichtart P30; Diagramm für Lichtart P30,  $Y_w=88,6$

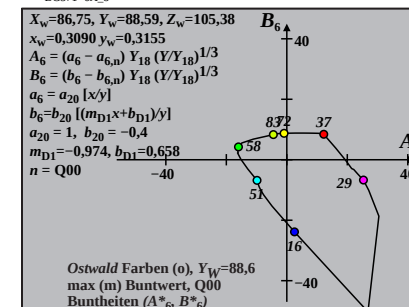
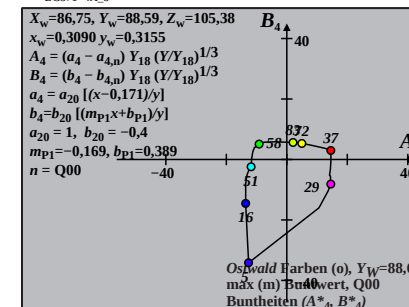
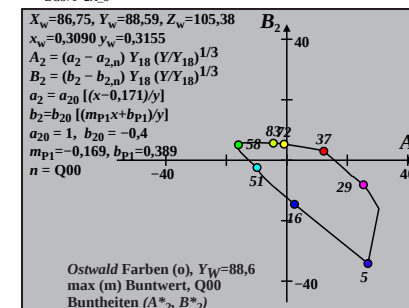
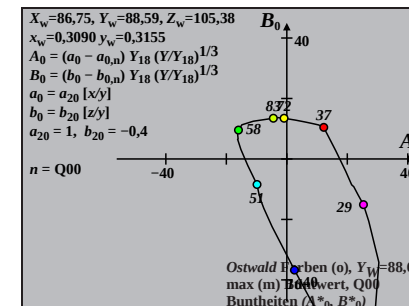
Eingabe: w/rgb/cmyk -> rgb

**Ostwald-Optimalfarben (o) von maximalem (m)  $C_{AB}$  für Q00,  $Y_w=88,6$ ,  $Y_m=520,770$**

| $i_1, \lambda_1$ | $i_2, \lambda_2$ | $L^*$ | $A^*$ | $B^*$ | $C^*_{AB}$ | $a'$   | $b'$    | $h_a'b'$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ | Code              |
|------------------|------------------|-------|-------|-------|------------|--------|---------|----------|------------------|------------------|-------------------|
| 1                | 405              | 32    | 562   | 76.85 | -61.69     | -30.8  | 68.96   | 0.184    | -0.1058          | 206.5            | 16 482 38 590 Cm  |
| 7                | 435              | 32    | 562   | 77.12 | -85.98     | -9.06  | 86.46   | 0.1709   | -0.0937          | 186.0            | 17 488 -1 488c    |
| 10               | 450              | 32    | 564   | 77.54 | -107.01    | 15.39  | 108.11  | 0.1598   | -0.0802          | 171.8            | 19 497 -1 497c    |
| 11               | 460              | 33    | 566   | 78.27 | -111.81    | 26.05  | 114.81  | 0.1576   | -0.0745          | 166.8            | 20 502 -1 502c    |
| 12               | 465              | 33    | 568   | 78.85 | -115.61    | 37.13  | 121.43  | 0.156    | -0.0685          | 162.1            | 21 508 -1 508c    |
| 14               | 470              | 34    | 570   | 79.49 | -119.49    | 58.78  | 133.16  | 0.1544   | -0.057           | 153.8            | 24 522 -1 522c    |
| 15               | 475              | 35    | 575   | 80.95 | -114.37    | 70.98  | 134.61  | 0.158    | -0.051           | 148.1            | 26 530 -1 530c Gm |
| 16               | 480              | 36    | 582   | 83.44 | -101.44    | 84.23  | 131.86  | 0.166    | -0.0451          | 140.2            | 27 539 -1 539c    |
| 17               | 485              | 40    | 602   | 88.26 | -69.44     | 100.69 | 122.32  | 0.1839   | -0.039           | 124.5            | 30 552 -1 552c    |
| 17               | 490              | -1    | 489c  | 93.5  | -26.76     | 109.71 | 112.92  | 0.2052   | -0.0371          | 103.7            | 33 565 11 455 max |
| 18               | 495              | -1    | 494c  | 93.02 | -24.95     | 116.4  | 119.05  | 0.206    | -0.0337          | 102.1            | 33 565 11 458     |
| 20               | 500              | -1    | 500c  | 91.69 | -19.34     | 127.67 | 129.13  | 0.2085   | -0.0276          | 98.6             | 33 567 12 463     |
| 21               | 510              | -1    | 509c  | 90.76 | -15.37     | 132.32 | 133.21  | 0.2103   | -0.0249          | 96.6             | 33 568 13 465     |
| 23               | 520              | -1    | 519c  | 88.21 | -5.04      | 136.25 | 136.34  | 0.2151   | -0.0202          | 92.1             | 34 571 14 470 Ym  |
| 26               | 530              | -1    | 530c  | 82.75 | 14.51      | 137.34 | 138.11  | 0.2249   | -0.0148          | 83.9             | 35 576 15 475     |
| 27               | 540              | -1    | 539c  | 80.55 | 21.53      | 135.24 | 136.94  | 0.2288   | -0.0133          | 80.9             | 35 578 15 477     |
| 28               | 545              | -1    | 544c  | 78.19 | 28.62      | 132.28 | 135.34  | 0.2329   | -0.0121          | 77.7             | 36 580 15 478     |
| 29               | 550              | -1    | 549c  | 75.66 | 35.67      | 128.66 | 133.52  | 0.2372   | -0.0111          | 74.5             | 36 582 15 479     |
| 30               | 555              | -1    | 554c  | 72.99 | 42.59      | 124.53 | 131.61  | 0.2417   | -0.0103          | 71.1             | 36 584 16 480     |
| 31               | 560              | -1    | 559c  | 70.17 | 49.27      | 119.99 | 129.71  | 0.2464   | -0.0097          | 67.6             | 37 587 16 481     |
| 32               | 562              | 1     | 405   | 75.27 | 48.33      | 55.93  | 73.92   | 0.2443   | -0.0571          | 49.1             | 38 590 16 482 Rm  |
| 32               | 562              | 7     | 435   | 75.0  | 61.85      | 10.76  | 62.78   | 0.2518   | -0.0826          | 9.8              | -1 488c 17 488    |
| 32               | 564              | 10    | 450   | 74.55 | 72.34      | -13.67 | 73.62   | 0.2579   | -0.0965          | 349.2            | -1 497c 19 497    |
| 33               | 566              | 11    | 460   | 73.76 | 76.43      | -21.31 | 79.34   | 0.2605   | -0.1009          | 344.4            | -1 502c 20 502    |
| 33               | 568              | 12    | 465   | 73.11 | 79.73      | -27.87 | 84.46   | 0.2627   | -0.1048          | 340.7            | -1 508c 21 508    |
| 34               | 570              | 14    | 470   | 72.37 | 83.36      | -37.21 | 91.29   | 0.2652   | -0.1104          | 335.9            | -1 522c 24 522    |
| 35               | 575              | 15    | 475   | 70.61 | 86.23      | -42.97 | 96.35   | 0.2678   | -0.1142          | 333.5            | -1 530c 26 530 Mm |
| 36               | 582              | 16    | 480   | 67.28 | 89.14      | -50.72 | 102.56  | 0.2716   | -0.1201          | 330.3            | -1 539c 27 539    |
| 40               | 602              | 17    | 485   | 59.34 | 87.67      | -65.89 | 109.67  | 0.2763   | -0.1337          | 323.0            | -1 552c 30 552    |
| -1               | 489c             | 17    | 490   | 46.85 | 61.62      | -87.44 | 106.97  | 0.2671   | -0.1603          | 305.1            | 11 455 33 565 min |
| -1               | 494c             | 18    | 495   | 48.24 | 56.02      | -86.14 | 102.75  | 0.2616   | -0.1577          | 303.0            | 11 458 33 565     |
| -1               | 500c             | 20    | 500   | 51.83 | 40.79      | -81.41 | 91.06   | 0.2479   | -0.1505          | 296.6            | 12 463 33 567     |
| -1               | 509c             | 21    | 510   | 54.09 | 31.17      | -78.0  | 84.0    | 0.24     | -0.146           | 291.7            | 13 465 33 568     |
| -1               | 519c             | 23    | 520   | 59.43 | 9.26       | -69.37 | 69.99   | 0.2237   | -0.1361          | 277.6            | 14 470 34 571 Bm  |
| -1               | 530c             | 26    | 530   | 68.25 | -21.91     | -54.54 | 58.78   | 0.2044   | -0.122           | 248.1            | 15 475 35 576     |
| -1               | 539c             | 27    | 540   | 71.11 | -30.21     | -49.68 | 58.14   | 0.2      | -0.1181          | 238.6            | 15 477 35 578     |
| -1               | 544c             | 28    | 545   | 73.85 | -37.16     | -44.98 | 58.35   | 0.1966   | -0.1145          | 230.4            | 15 478 36 580     |
| -1               | 549c             | 29    | 550   | 76.47 | -42.72     | -40.49 | 58.86   | 0.1942   | -0.1112          | 223.4            | 15 479 36 582     |
| -1               | 554c             | 30    | 555   | 78.96 | -46.87     | -36.23 | 59.24   | 0.1926   | -0.1083          | 217.6            | 16 480 36 584     |
| -1               | 559c             | 31    | 560   | 81.3  | -49.64     | -32.2  | 59.18   | 0.1918   | -0.1057          | 212.9            | 16 481 37 587     |
| 380              | 770              | 95.41 | 0.0   | 0.0   | 0.0        | 0.2175 | -0.0887 | 0.0      |                  |                  |                   |



BG371-7A,8



BG371-6A,8

TUB-Prüfvorlage BG37; CIE ( $x, y$ ) und Buntheiten ( $A^*, B^*$ )

Ostwald-Optimalfarben für Lichtart P25; Diagramm für Lichtart P25,  $Y_w=88,6$

Eingabe: w/rgb/cmyk -> rgb