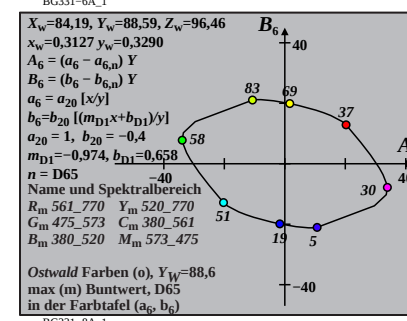
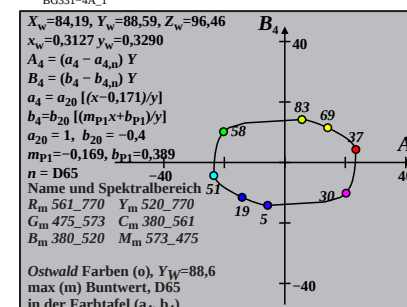
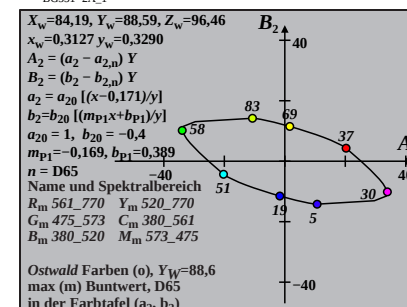
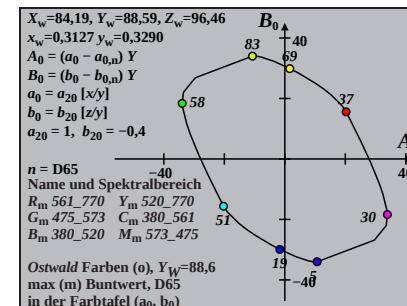
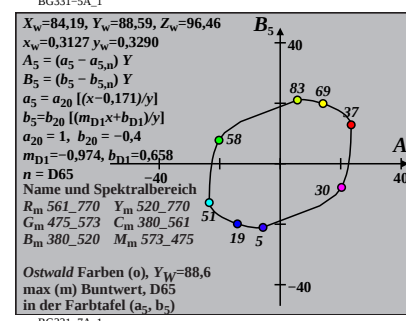
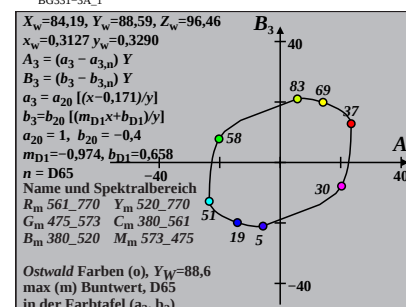
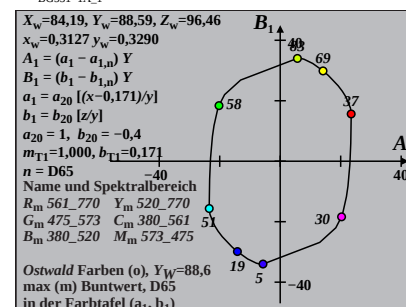
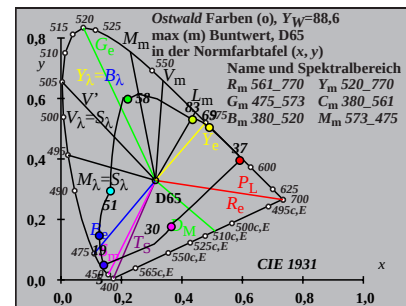


**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für D65, Y<sub>w</sub>=88,6, Y<sub>m</sub>=520\_770**

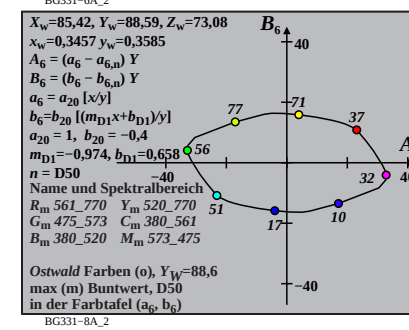
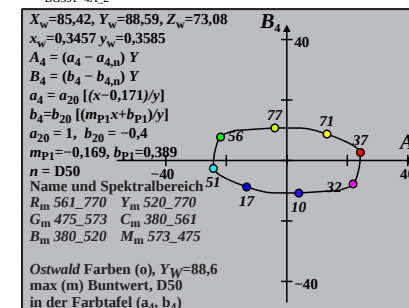
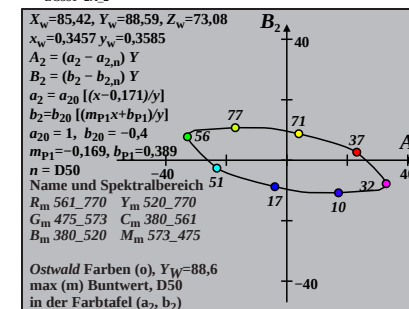
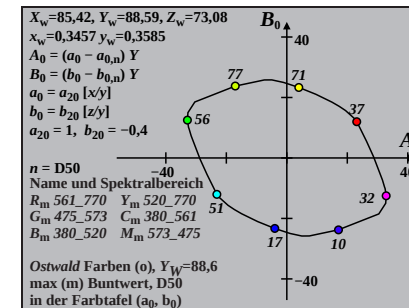
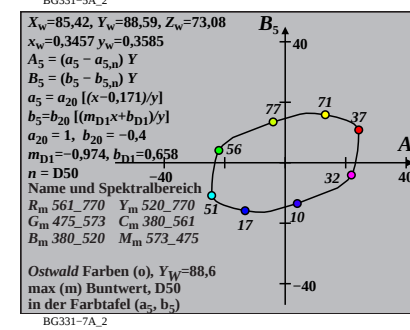
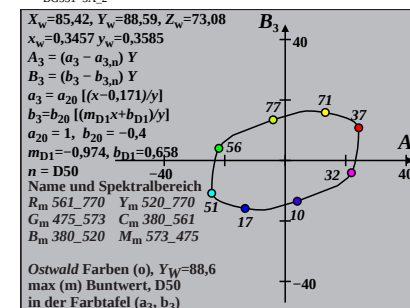
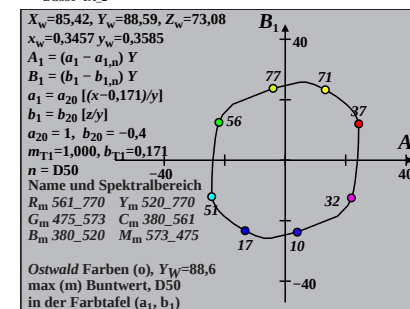
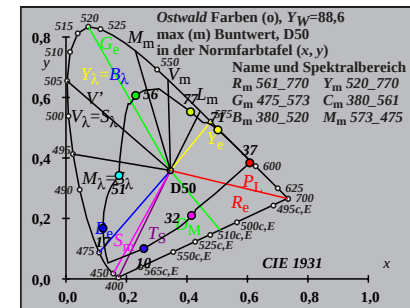
| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>ab</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|
| 0 405                           | 32 561                          | 51.56 | -20.15 | -15.85 | 25.64           | 0.5596 | -0.743  | 218.1           | 16 483                          | 37 589                          | Cm   |
| 6 435                           | 32 562                          | 52.08 | -23.73 | -8.75  | 25.29           | 0.4948 | -0.6036 | 200.2           | 17 486                          | 42 610                          |      |
| 10 450                          | 32 563                          | 52.64 | -29.71 | 4.36   | 30.03           | 0.3859 | -0.3525 | 171.6           | 19 496                          | -1 496c                         |      |
| 12 460                          | 33 565                          | 53.43 | -32.29 | 11.21  | 34.18           | 0.3461 | -0.2256 | 160.8           | 21 505                          | -1 505c                         |      |
| 12 465                          | 33 567                          | 54.62 | -32.47 | 11.73  | 34.52           | 0.356  | -0.2207 | 160.1           | 21 506                          | -1 506c                         |      |
| 14 470                          | 33 569                          | 55.56 | -33.79 | 17.12  | 37.88           | 0.3422 | -0.1274 | 153.1           | 24 520                          | -1 520c                         |      |
| 15 475                          | 34 573                          | 57.84 | -33.91 | 19.9   | 39.33           | 0.364  | -0.0913 | 149.5           | 25 528                          | -1 528c                         | Gm   |
| 16 480                          | 36 580                          | 61.97 | -33.2  | 23.07  | 40.43           | 0.4146 | -0.0632 | 145.2           | 27 537                          | -1 537c                         |      |
| 17 485                          | 39 595                          | 69.76 | -29.0  | 27.46  | 39.94           | 0.5347 | -0.0418 | 136.5           | 29 548                          | -1 548c                         |      |
| 18 490                          | -1 490c                         | 83.1  | -10.68 | 34.02  | 35.66           | 0.8218 | -0.0261 | 107.4           | 33 565                          | 11 459                          | max  |
| 19 495                          | -1 495c                         | 81.77 | -9.46  | 34.01  | 35.3            | 0.8346 | -0.0195 | 105.5           | 33 566                          | 12 462                          |      |
| 20 500                          | -1 500c                         | 80.1  | -7.9   | 33.73  | 34.64           | 0.8518 | -0.0144 | 103.1           | 33 567                          | 12 464                          |      |
| 22 510                          | -1 510c                         | 75.54 | -3.68  | 32.32  | 32.53           | 0.9016 | -0.0076 | 96.5            | 33 569                          | 13 469                          | Ym   |
| 23 520                          | -1 519c                         | 72.63 | -1.11  | 31.22  | 31.24           | 0.935  | -0.0056 | 92.0            | 34 570                          | 14 471                          |      |
| 25 530                          | -1 529c                         | 65.59 | 4.57   | 28.36  | 28.73           | 1.0201 | -0.0031 | 80.8            | 34 573                          | 15 475                          |      |
| 27 540                          | -1 539c                         | 57.49 | 10.25  | 24.94  | 26.97           | 1.1288 | -0.0016 | 67.6            | 35 577                          | 15 478                          |      |
| 28 545                          | -1 544c                         | 53.27 | 12.85  | 23.13  | 26.46           | 1.1917 | -0.0012 | 60.9            | 35 579                          | 15 479                          |      |
| 29 550                          | -1 549c                         | 48.96 | 15.22  | 21.27  | 26.16           | 1.2613 | -0.0009 | 54.4            | 36 582                          | 16 480                          |      |
| 30 555                          | -1 554c                         | 44.65 | 17.27  | 19.41  | 25.98           | 1.3372 | -0.0007 | 48.3            | 36 584                          | 16 481                          |      |
| 32 560                          | -1 560c                         | 36.33 | 20.2   | 15.8   | 25.64           | 1.5064 | -0.0005 | 38.0            | 37 589                          | 16 483                          |      |
| 32 561                          | 0 405                           | 48.43 | 20.15  | 15.85  | 25.64           | 1.3665 | -0.1081 | 38.1            | 37 589                          | 16 483                          | Rm   |
| 32 562                          | 6 435                           | 47.91 | 23.73  | 8.75   | 25.29           | 1.4458 | -0.2528 | 20.2            | 42 610                          | 17 486                          |      |
| 32 563                          | 10 450                          | 47.35 | 29.71  | -4.36  | 30.03           | 1.5779 | -0.5277 | 351.6           | -1 496c                         | 19 496                          |      |
| 33 565                          | 12 460                          | 46.56 | 32.29  | -11.21 | 34.18           | 1.6439 | -0.6765 | 340.8           | -1 505c                         | 21 505                          |      |
| 33 567                          | 12 465                          | 45.37 | 32.47  | -11.73 | 34.52           | 1.666  | -0.6942 | 340.1           | -1 506c                         | 21 506                          |      |
| 33 569                          | 14 470                          | 44.43 | 33.79  | -17.12 | 37.88           | 1.711  | -0.8209 | 333.1           | -1 520c                         | 24 520                          |      |
| 34 573                          | 15 475                          | 42.15 | 33.91  | -19.9  | 39.33           | 1.755  | -0.9078 | 329.5           | -1 528c                         | 25 528                          | Mm   |
| 36 580                          | 16 480                          | 38.02 | 33.2   | -23.07 | 40.43           | 1.8237 | -1.0424 | 325.2           | -1 537c                         | 27 537                          |      |
| 39 595                          | 17 485                          | 30.23 | 29.0   | -27.46 | 39.94           | 1.9097 | -1.3442 | 316.5           | -1 548c                         | 29 548                          |      |
| -1 490c                         | 18 490                          | 16.89 | 10.68  | -34.02 | 35.66           | 1.5831 | -2.4491 | 287.4           | 11 459                          | 33 565                          | min  |
| -1 495c                         | 19 495                          | 18.22 | 9.46   | -34.01 | 35.3            | 1.4699 | -2.3016 | 285.5           | 12 462                          | 33 566                          |      |
| -1 500c                         | 20 500                          | 19.89 | 7.9    | -33.73 | 34.64           | 1.3475 | -2.1309 | 283.1           | 12 464                          | 33 567                          |      |
| -1 510c                         | 22 510                          | 24.45 | 3.68   | -32.32 | 32.53           | 1.101  | -1.7576 | 276.5           | 13 469                          | 33 569                          |      |
| -1 519c                         | 23 520                          | 27.36 | 1.11   | -31.22 | 31.24           | 0.9912 | -1.5765 | 272.0           | 14 471                          | 34 570                          | Bm   |
| -1 529c                         | 25 530                          | 34.4  | -4.57  | -28.36 | 28.73           | 0.8175 | -1.2601 | 260.8           | 15 475                          | 34 573                          |      |
| -1 539c                         | 27 540                          | 42.5  | -10.25 | -24.94 | 26.97           | 0.7091 | -1.0225 | 247.6           | 15 478                          | 35 577                          |      |
| -1 544c                         | 28 545                          | 46.72 | -12.85 | -23.13 | 26.46           | 0.6753 | -0.9306 | 240.9           | 15 479                          | 35 579                          |      |
| -1 549c                         | 29 550                          | 51.03 | -15.22 | -21.27 | 26.16           | 0.6522 | -0.8524 | 234.4           | 16 480                          | 36 582                          |      |
| -1 554c                         | 30 555                          | 55.34 | -17.27 | -19.41 | 25.98           | 0.6383 | -0.7863 | 228.3           | 16 481                          | 36 584                          |      |
| -1 560c                         | 32 560                          | 63.66 | -20.2  | -15.8  | 25.64           | 0.6331 | -0.6837 | 218.0           | 16 483                          | 37 589                          |      |
| 380                             | 770                             | 88.59 | 0.0    | 0.0    | 0.01            | 0.9504 | -0.4355 | 0.0             |                                 |                                 |      |

TUB-Prüfvorlage BG33; CIE (x, y) und Buntwerte (A<sub>i</sub>, B<sub>i</sub>)  
Ostwald-Optimalfarben für Lichtart D65; Diagramm für Lichtart D65, Y<sub>w</sub>=88,6



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

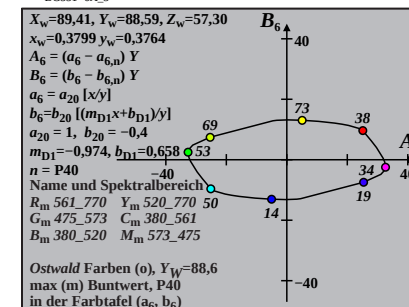
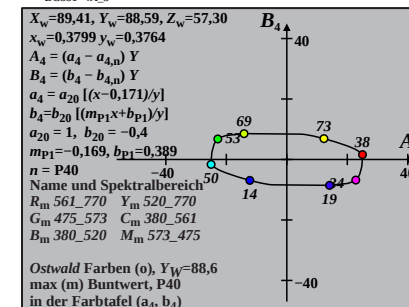
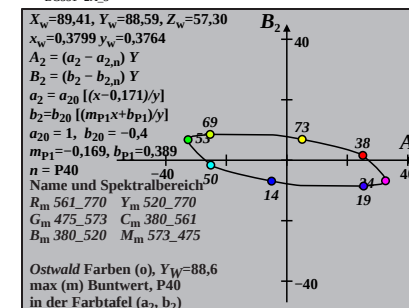
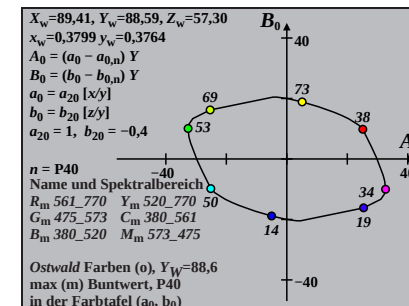
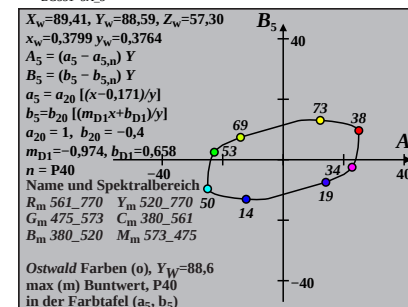
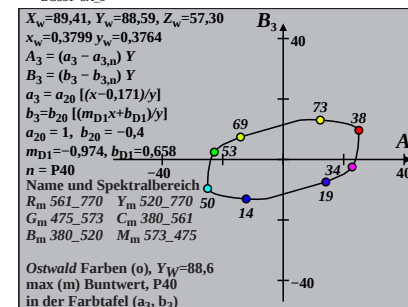
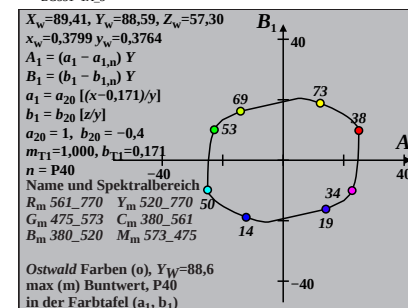
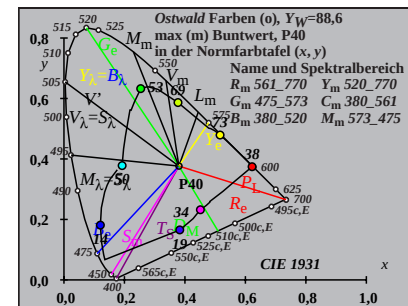
| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>ab</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|
| 1 405                           | 32 564                          | 51.21 | -23.13 | -12.01 | 26.07           | 0.5124 | -0.5646 | 207.4           | 17 486                          | 38 592                          | Cm   |
| 7 435                           | 33 565                          | 51.54 | -26.37 | -5.49  | 26.93           | 0.4526 | -0.4365 | 191.7           | 18 490                          | 46 634                          |      |
| 10 450                          | 33 566                          | 51.98 | -29.72 | 2.1    | 29.79           | 0.3925 | -0.2895 | 175.9           | 19 497                          | -1 497c                         |      |
| 12 460                          | 33 567                          | 52.53 | -31.63 | 7.31   | 32.46           | 0.3621 | -0.1907 | 166.9           | 21 506                          | -1 506c                         |      |
| 13 465                          | 33 568                          | 53.11 | -32.33 | 9.67   | 33.74           | 0.3555 | -0.1478 | 163.3           | 22 511                          | -1 511c                         |      |
| 14 470                          | 34 570                          | 54.07 | -32.77 | 11.8   | 34.83           | 0.3581 | -0.1117 | 160.1           | 23 519                          | -1 519c                         |      |
| 15 475                          | 34 573                          | 55.72 | -32.85 | 13.81  | 35.64           | 0.3745 | -0.0821 | 157.2           | 25 527                          | -1 527c                         | Gm   |
| 15 480                          | 35 578                          | 59.28 | -32.7  | 14.98  | 35.97           | 0.4125 | -0.0772 | 155.3           | 26 531                          | -1 531c                         |      |
| 17 485                          | 37 587                          | 64.0  | -30.41 | 18.52  | 35.6            | 0.489  | -0.0405 | 148.6           | 28 544                          | -1 544c                         |      |
| 18 490                          | 44 620                          | 77.97 | -17.06 | 23.76  | 29.25           | 0.7454 | -0.0251 | 125.6           | 32 561                          | -1 561c                         | max  |
| 19 495                          | -1 495c                         | 82.96 | -6.37  | 25.91  | 26.68           | 0.8874 | -0.0176 | 103.8           | 33 568                          | 12 463                          |      |
| 20 500                          | -1 500c                         | 81.49 | -4.96  | 25.81  | 26.29           | 0.9033 | -0.0131 | 100.8           | 33 569                          | 13 466                          |      |
| 22 510                          | -1 510c                         | 77.37 | -1.09  | 24.98  | 25.0            | 0.95   | -0.0071 | 92.5            | 34 571                          | 14 471                          |      |
| 23 520                          | -1 519c                         | 74.67 | 1.31   | 24.24  | 24.28           | 0.9818 | -0.0053 | 86.8            | 34 572                          | 14 473                          | Ym   |
| 25 530                          | -1 529c                         | 68.03 | 6.77   | 22.25  | 23.26           | 1.0637 | -0.0029 | 73.0            | 35 575                          | 15 477                          |      |
| 27 540                          | -1 539c                         | 60.24 | 12.35  | 19.78  | 23.32           | 1.1692 | -0.0015 | 58.0            | 35 579                          | 16 480                          |      |
| 28 545                          | -1 544c                         | 56.11 | 14.94  | 18.45  | 23.74           | 1.2304 | -0.0011 | 50.9            | 36 581                          | 16 481                          |      |
| 29 550                          | -1 549c                         | 51.87 | 17.32  | 17.07  | 24.32           | 1.2983 | -0.0009 | 44.5            | 36 583                          | 16 483                          |      |
| 30 555                          | -1 554c                         | 47.59 | 19.42  | 15.67  | 24.96           | 1.3724 | -0.0007 | 38.8            | 37 585                          | 16 484                          |      |
| 32 560                          | -1 560c                         | 39.22 | 22.48  | 12.92  | 25.93           | 1.5375 | -0.0005 | 29.8            | 38 590                          | 17 486                          |      |
| 32 564                          | 1 405                           | 48.78 | 23.13  | 12.01  | 26.07           | 1.4385 | -0.0836 | 27.4            | 38 592                          | 17 486                          | Rm   |
| 33 565                          | 7 435                           | 48.45 | 26.37  | 5.49   | 26.93           | 1.5084 | -0.2166 | 11.7            | 46 634                          | 18 490                          |      |
| 33 566                          | 10 450                          | 48.01 | 29.72  | -2.1   | 29.79           | 1.5832 | -0.3738 | 355.9           | -1 497c                         | 19 497                          |      |
| 33 567                          | 12 460                          | 47.46 | 31.63  | -7.31  | 32.46           | 1.6306 | -0.4841 | 346.9           | -1 506c                         | 21 506                          |      |
| 33 568                          | 13 465                          | 46.88 | 32.33  | -9.67  | 33.74           | 1.6538 | -0.5362 | 343.3           | -1 511c                         | 22 511                          |      |
| 34 570                          | 14 470                          | 45.92 | 32.77  | -11.8  | 34.83           | 1.6779 | -0.5869 | 340.1           | -1 519c                         | 23 519                          |      |
| 34 573                          | 15 475                          | 44.27 | 32.85  | -13.81 | 35.64           | 1.7062 | -0.6419 | 337.2           | -1 527c                         | 25 527                          | Mm   |
| 35 578                          | 15 480                          | 40.71 | 32.7   | -14.98 | 35.97           | 1.7673 | -0.6979 | 335.3           | -1 531c                         | 26 531                          |      |
| 37 587                          | 17 485                          | 35.99 | 30.41  | -18.52 | 35.6            | 1.809  | -0.8444 | 328.6           | -1 544c                         | 28 544                          |      |
| 44 620                          | 18 490                          | 22.02 | 17.06  | -23.76 | 29.25           | 1.739  | -1.4092 | 305.6           | -1 561c                         | 32 561                          | min  |
| -1 495c                         | 19 495                          | 17.03 | 6.37   | -25.91 | 26.68           | 1.3382 | -1.8515 | 283.8           | 12 463                          | 33 568                          |      |
| -1 500c                         | 20 500                          | 18.5  | 4.96   | -25.81 | 26.29           | 1.2322 | -1.7248 | 280.8           | 13 466                          | 33 569                          |      |
| -1 510c                         | 22 510                          | 22.62 | 1.09   | -24.98 | 25.0            | 1.0125 | -1.434  | 272.5           | 14 471                          | 34 571                          |      |
| -1 519c                         | 23 520                          | 25.32 | -1.31  | -24.24 | 24.28           | 0.9122 | -1.2875 | 266.8           | 14 473                          | 34 572                          | Bm   |
| -1 529c                         | 25 530                          | 31.96 | -6.77  | -22.25 | 23.26           | 0.7523 | -1.0261 | 253.0           | 15 477                          | 35 575                          |      |
| -1 539c                         | 27 540                          | 39.75 | -12.35 | -19.78 | 23.32           | 0.6535 | -0.8276 | 238.0           | 16 480                          | 35 579                          |      |
| -1 544c                         | 28 545                          | 43.88 | -14.94 | -18.45 | 23.74           | 0.6237 | -0.7504 | 230.9           | 16 481                          | 36 581                          |      |
| -1 549c                         | 29 550                          | 48.12 | -17.32 | -17.07 | 24.32           | 0.6041 | -0.6846 | 224.5           | 16 483                          | 36 583                          |      |
| -1 554c                         | 30 555                          | 52.4  | -19.42 | -15.67 | 24.96           | 0.5934 | -0.6289 | 218.8           | 16 484                          | 37 585                          |      |
| -1 560c                         | 32 560                          | 60.77 | -22.48 | -12.92 | 25.93           | 0.5942 | -0.5425 | 209.8           | 17 486                          | 38 590                          |      |
| 380                             | 770                             | 88.59 | 0.0    | 0.0    | 0.01            | 0.9642 | -0.3299 | 0.0             |                                 |                                 |      |



**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> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>ab</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|
| 0 405                           | 33 568                          | 50.12 | -25.11 | -9.79  | 26.95           | 0.5083 | -0.4542 | 201.3           | 17 488                          | 38 594                          | Cm   |
| 7 435                           | 33 568                          | 50.37 | -27.92 | -4.14  | 28.22           | 0.455  | -0.3411 | 188.4           | 18 493                          | 54 674                          |      |
| 10 450                          | 33 569                          | 50.74 | -30.4  | 1.4    | 30.43           | 0.4101 | -0.2309 | 177.3           | 19 499                          | -1 499c                         |      |
| 12 460                          | 34 570                          | 51.2  | -31.78 | 5.21   | 32.21           | 0.3884 | -0.1569 | 170.6           | 21 507                          | -1 507c                         |      |
| 13 465                          | 34 571                          | 51.65 | -32.25 | 6.97   | 33.0            | 0.3848 | -0.1237 | 167.7           | 22 512                          | -1 512c                         |      |
| 14 470                          | 34 572                          | 52.42 | -32.54 | 8.56   | 33.65           | 0.3884 | -0.0953 | 165.2           | 23 519                          | -1 519c                         |      |
| 14 475                          | 34 574                          | 54.15 | -32.7  | 9.01   | 33.92           | 0.4054 | -0.0923 | 164.5           | 24 522                          | -1 522c                         | Gm   |
| 15 480                          | 35 578                          | 56.54 | -32.56 | 10.77  | 34.3            | 0.4332 | -0.0682 | 161.6           | 26 531                          | -1 531c                         |      |
| 17 485                          | 37 585                          | 60.26 | -31.09 | 13.33  | 33.83           | 0.4932 | -0.0374 | 156.7           | 28 543                          | -1 543c                         |      |
| 17 490                          | 40 600                          | 70.01 | -26.08 | 15.85  | 30.52           | 0.6366 | -0.0323 | 148.7           | 30 554                          | -1 554c                         | max  |
| 19 495                          | -1 495c                         | 84.05 | -4.59  | 20.45  | 20.95           | 0.9546 | -0.0154 | 102.6           | 34 571                          | 12 464                          |      |
| 20 500                          | -1 500c                         | 82.78 | -3.32  | 20.45  | 20.72           | 0.9691 | -0.0116 | 99.2            | 34 571                          | 13 467                          |      |
| 21 510                          | -1 509c                         | 81.16 | -1.71  | 20.3   | 20.37           | 0.9882 | -0.0086 | 94.8            | 34 572                          | 13 469                          |      |
| 24 520                          | -1 520c                         | 73.89 | 5.05   | 18.85  | 19.52           | 1.0777 | -0.0035 | 74.9            | 35 575                          | 15 476                          | Ym   |
| 26 530                          | -1 530c                         | 67.28 | 10.44  | 17.27  | 20.19           | 1.1646 | -0.0019 | 58.8            | 35 578                          | 16 480                          |      |
| 27 540                          | -1 539c                         | 63.58 | 13.15  | 16.36  | 20.99           | 1.2161 | -0.0014 | 51.1            | 36 580                          | 16 481                          |      |
| 29 545                          | -1 545c                         | 55.69 | 18.2   | 14.36  | 23.19           | 1.3362 | -0.0008 | 38.2            | 36 584                          | 16 484                          |      |
| 29 550                          | -1 549c                         | 55.69 | 18.2   | 14.36  | 23.19           | 1.3362 | -0.0008 | 38.2            | 36 584                          | 16 484                          |      |
| 31 555                          | -1 555c                         | 47.4  | 22.3   | 12.23  | 25.44           | 1.4798 | -0.0005 | 28.7            | 37 588                          | 17 486                          |      |
| 32 560                          | -1 560c                         | 43.22 | 23.82  | 11.16  | 26.31           | 1.5605 | -0.0005 | 25.1            | 38 591                          | 17 487                          |      |
| 33 568                          | 0 405                           | 49.87 | 25.11  | 9.8    | 26.95           | 1.5129 | -0.0622 | 21.3            | 38 594                          | 17 488                          | Rm   |
| 33 568                          | 7 435                           | 49.62 | 27.92  | 4.14   | 28.22           | 1.5719 | -0.1751 | 8.4             | 54 674                          | 18 493                          |      |
| 33 569                          | 10 450                          | 49.25 | 30.4   | -1.4   | 30.43           | 1.6265 | -0.2873 | 357.3           | -1 499c                         | 19 499                          |      |
| 34 570                          | 12 460                          | 48.79 | 31.78  | -5.21  | 32.21           | 1.6606 | -0.3656 | 350.6           | -1 507c                         | 21 507                          |      |
| 34 571                          | 13 465                          | 48.34 | 32.25  | -6.97  | 33.0            | 1.6765 | -0.403  | 347.7           | -1 512c                         | 22 512                          |      |
| 34 572                          | 14 470                          | 47.57 | 32.54  | -8.56  | 33.65           | 1.6934 | -0.4388 | 345.2           | -1 519c                         | 23 519                          |      |
| 34 574                          | 14 475                          | 45.84 | 32.7   | -9.01  | 33.92           | 1.7225 | -0.4553 | 344.5           | -1 522c                         | 24 522                          | Mm   |
| 35 578                          | 15 480                          | 43.45 | 32.56  | -10.77 | 34.3            | 1.7587 | -0.5066 | 341.6           | -1 531c                         | 26 531                          |      |
| 37 585                          | 17 485                          | 39.73 | 31.09  | -13.33 | 33.83           | 1.7918 | -0.5943 | 336.7           | -1 543c                         | 28 543                          |      |
| 40 600                          | 17 490                          | 29.98 | 26.08  | -15.85 | 30.52           | 1.8794 | -0.7875 | 328.7           | -1 554c                         | 30 554                          | min  |
| -1 495c                         | 19 495                          | 15.94 | 4.59   | -20.44 | 20.95           | 1.2972 | -1.5411 | 282.6           | 12 464                          | 34 571                          |      |
| -1 500c                         | 20 500                          | 17.21 | 3.32   | -20.45 | 20.72           | 1.2023 | -1.447  | 279.2           | 13 467                          | 34 571                          |      |
| -1 509c                         | 21 510                          | 18.83 | 1.71   | -20.3  | 20.37           | 1.1002 | -1.3368 | 274.8           | 13 469                          | 34 572                          |      |
| -1 520c                         | 24 520                          | 26.1  | -5.05  | -18.85 | 19.52           | 0.8155 | -0.9812 | 254.9           | 15 476                          | 35 575                          | Bm   |
| -1 530c                         | 26 530                          | 32.71 | -10.44 | -17.27 | 20.19           | 0.6899 | -0.7867 | 238.8           | 16 480                          | 35 578                          |      |
| -1 539c                         | 27 540                          | 36.41 | -13.15 | -16.36 | 20.99           | 0.648  | -0.7081 | 231.1           | 16 481                          | 36 580                          |      |
| -1 545c                         | 29 545                          | 44.3  | -18.2  | -14.36 | 23.19           | 0.5983 | -0.5828 | 218.2           | 16 484                          | 36 584                          |      |
| -1 549c                         | 29 550                          | 44.3  | -18.2  | -14.36 | 23.19           | 0.5983 | -0.5828 | 218.2           | 16 484                          | 36 584                          |      |
| -1 555c                         | 31 555                          | 52.59 | -22.3  | -12.23 | 25.44           | 0.5852 | -0.4914 | 208.7           | 17 486                          | 37 588                          |      |
| -1 560c                         | 32 560                          | 56.77 | -23.82 | -11.16 | 26.31           | 0.5896 | -0.4553 | 205.1           | 17 487                          | 38 591                          |      |
| 380                             | 770                             | 88.59 | 0.0    | 0.0    | 0.01            | 1.0093 | -0.2587 | 0.0             |                                 |                                 |      |

TUB-Prüfvorlage BG33; CIE (x, y) und Buntwerte (A<sub>i</sub>, B<sub>i</sub>)  
Ostwald-Optimalfarben für Lichtart P40; Diagramm für Lichtart P40, Y<sub>w</sub>=88,6



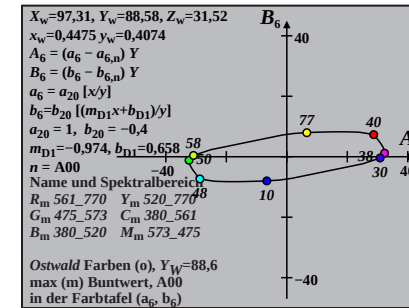
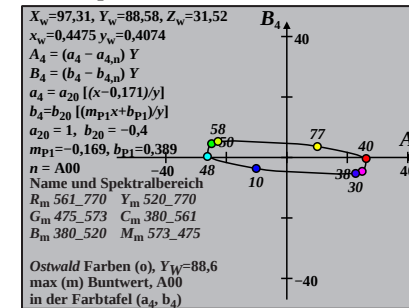
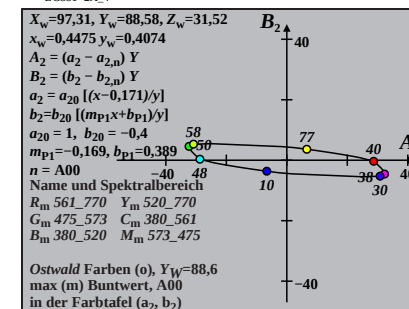
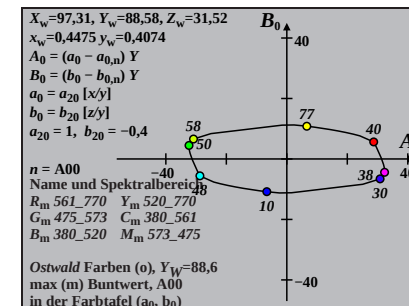
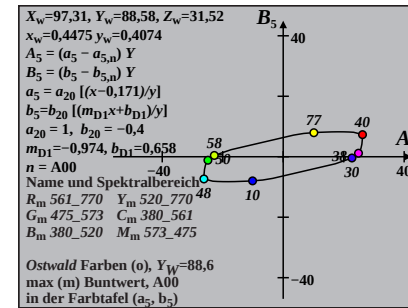
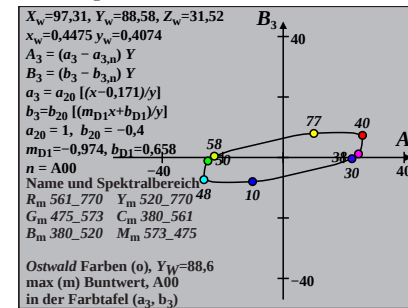
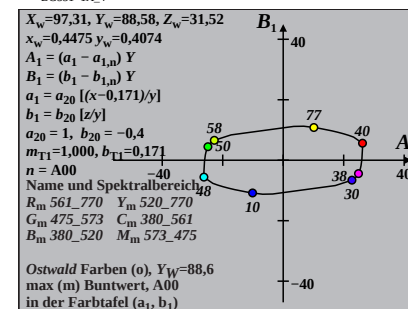
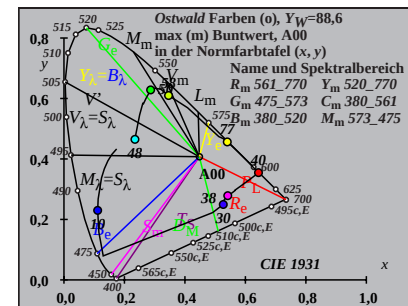
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Anwendung für Messung von Offsetdruck-Ausgabe

TUB-Material: Code=rh4ta

Eingabe: w/rgb/cmyk -> rgb

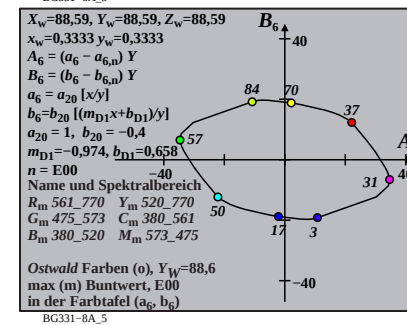
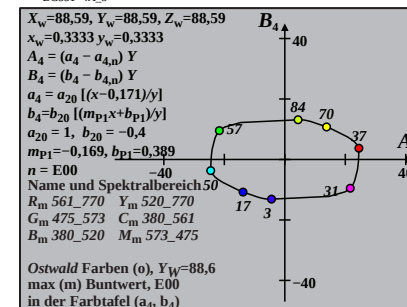
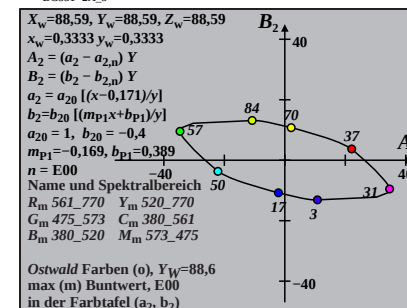
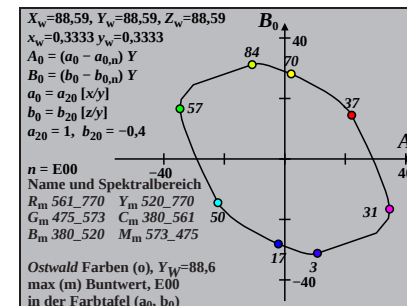
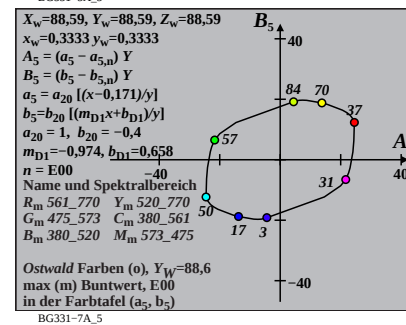
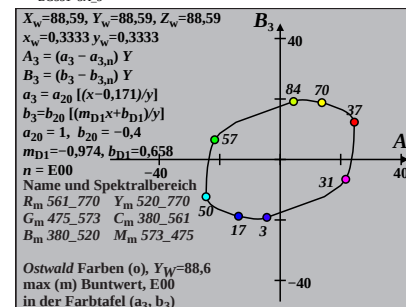
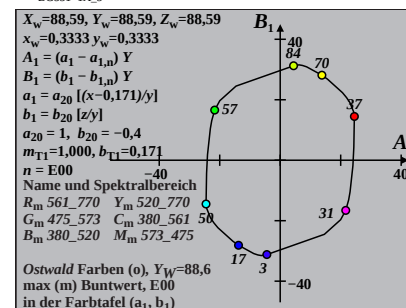
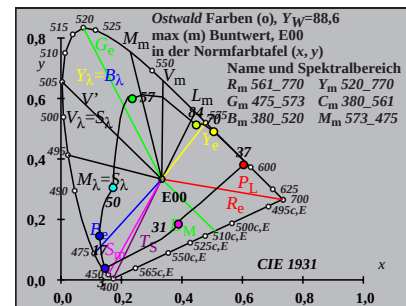
Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für A00, Y<sub>w</sub>=88,6, Y<sub>m</sub>=520\_770

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>ab</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|
| 1 405                           | 34 574                          | 48.43 | -28.75 | -5.6   | 29.29           | 0.5048 | -0.2581 | 191.0           | 18 494                          | 39 599                          | Cm   |
| 6 435                           | 34 574                          | 48.59 | -29.61 | -3.91  | 29.87           | 0.4891 | -0.2227 | 187.5           | 19 496                          | 42 611                          |      |
| 9 450                           | 34 574                          | 48.83 | -30.82 | -1.31  | 30.85           | 0.4673 | -0.1692 | 182.4           | 20 501                          | -1 501c                         |      |
| 12 460                          | 35 575                          | 49.01 | -31.95 | 1.74   | 32.0            | 0.4465 | -0.1066 | 176.8           | 21 508                          | -1 508c                         |      |
| 13 465                          | 35 575                          | 49.25 | -32.19 | 2.74   | 32.31           | 0.4448 | -0.0866 | 175.1           | 22 512                          | -1 512c                         |      |
| 13 470                          | 35 576                          | 49.84 | -32.22 | 2.82   | 32.34           | 0.452  | -0.0856 | 174.9           | 22 513                          | -1 513c                         |      |
| 14 475                          | 35 577                          | 50.59 | -32.36 | 3.77   | 32.58           | 0.4587 | -0.0677 | 173.3           | 23 519                          | -1 519c Gm                      |      |
| 16 480                          | 35 579                          | 51.55 | -32.2  | 5.2    | 32.62           | 0.4738 | -0.0414 | 170.8           | 26 532                          | -1 532c                         |      |
| 17 485                          | 36 582                          | 53.64 | -31.67 | 5.96   | 32.23           | 0.5079 | -0.0312 | 169.3           | 28 540                          | -1 540c                         |      |
| 18 490                          | 37 588                          | 57.57 | -30.3  | 6.88   | 31.08           | 0.572  | -0.0226 | 167.1           | 29 548                          | -1 548c max                     |      |
| 19 495                          | 40 601                          | 65.98 | -25.09 | 8.37   | 26.46           | 0.718  | -0.0153 | 161.5           | 31 559                          | -1 559c                         |      |
| 20 500                          | -1 500c                         | 84.75 | -0.56  | 11.29  | 11.3            | 1.0918 | -0.0091 | 92.8            | 35 576                          | 13 469                          |      |
| 21 510                          | -1 509c                         | 83.55 | 0.75   | 11.31  | 11.34           | 1.1074 | -0.0069 | 86.2            | 35 576                          | 14 472                          | Ym   |
| 24 520                          | -1 520c                         | 77.79 | 6.62   | 10.83  | 12.7            | 1.1836 | -0.003  | 58.5            | 35 579                          | 16 480                          |      |
| 26 530                          | -1 530c                         | 72.2  | 11.66  | 10.15  | 15.46           | 1.26   | -0.0017 | 41.0            | 36 582                          | 16 484                          |      |
| 28 540                          | -1 540c                         | 65.49 | 16.97  | 9.25   | 19.33           | 1.3576 | -0.001  | 28.6            | 37 585                          | 17 487                          |      |
| 28 545                          | -1 544c                         | 65.49 | 16.97  | 9.25   | 19.33           | 1.3576 | -0.001  | 28.6            | 37 585                          | 17 487                          |      |
| 29 550                          | -1 549c                         | 61.79 | 19.54  | 8.74   | 21.41           | 1.4148 | -0.0007 | 24.1            | 37 586                          | 17 489                          |      |
| 31 555                          | -1 555c                         | 53.89 | 24.15  | 7.64   | 25.33           | 1.5466 | -0.0005 | 17.5            | 38 590                          | 18 491                          |      |
| 32 560                          | -1 560c                         | 49.77 | 26.01  | 7.05   | 26.95           | 1.6212 | -0.0004 | 15.1            | 38 593                          | 18 492                          |      |
| 34 574                          | 1 405                           | 51.56 | 28.75  | 5.6    | 29.29           | 1.6561 | -0.0335 | 11.0            | 39 599                          | 18 494                          | Rm   |
| 34 574                          | 6 435                           | 51.4  | 29.61  | 3.91   | 29.87           | 1.6745 | -0.0662 | 7.5             | 42 611                          | 19 496                          |      |
| 34 574                          | 9 450                           | 51.16 | 30.82  | 1.31   | 30.85           | 1.7009 | -0.1166 | 2.4             | -1 501c                         | 20 501                          |      |
| 35 575                          | 12 460                          | 50.98 | 31.95  | -1.74  | 32.0            | 1.7252 | -0.1766 | 356.8           | -1 508c                         | 21 508                          |      |
| 35 575                          | 13 465                          | 50.74 | 32.19  | -2.74  | 32.31           | 1.733  | -0.1963 | 355.1           | -1 512c                         | 22 512                          |      |
| 35 576                          | 13 470                          | 50.15 | 32.22  | -2.82  | 32.34           | 1.7409 | -0.1986 | 354.9           | -1 513c                         | 22 513                          |      |
| 35 577                          | 14 475                          | 49.4  | 32.36  | -3.77  | 32.58           | 1.7536 | -0.2187 | 353.3           | -1 519c                         | 23 519                          | Mm   |
| 35 579                          | 16 480                          | 48.44 | 32.2   | -5.2   | 32.62           | 1.7633 | -0.2497 | 350.8           | -1 532c                         | 26 532                          |      |
| 36 582                          | 17 485                          | 46.35 | 31.67  | -5.96  | 32.23           | 1.7819 | -0.2709 | 349.3           | -1 540c                         | 28 540                          |      |
| 37 588                          | 18 490                          | 42.42 | 30.3   | -6.88  | 31.08           | 1.8128 | -0.3046 | 347.1           | -1 548c                         | 29 548                          | min  |
| 40 601                          | 19 495                          | 34.01 | 25.09  | -8.37  | 26.46           | 1.8363 | -0.3886 | 341.5           | -1 559c                         | 31 559                          |      |
| -1 500c                         | 20 500                          | 15.24 | 0.56   | -11.29 | 11.3            | 1.1352 | -0.8832 | 272.8           | 13 469                          | 35 576                          |      |
| -1 509c                         | 21 510                          | 16.44 | -0.75  | -11.31 | 11.34           | 1.0528 | -0.8302 | 266.2           | 14 472                          | 35 576                          |      |
| -1 520c                         | 24 520                          | 22.2  | -6.62  | -10.83 | 12.7            | 0.8002 | -0.6303 | 238.5           | 16 480                          | 35 579                          | Bm   |
| -1 530c                         | 26 530                          | 27.79 | -11.66 | -10.15 | 15.46           | 0.6787 | -0.5076 | 221.0           | 16 484                          | 36 582                          |      |
| -1 540c                         | 28 540                          | 34.5  | -16.97 | -9.25  | 19.33           | 0.6065 | -0.4105 | 208.6           | 17 487                          | 37 585                          |      |
| -1 544c                         | 28 545                          | 34.5  | -16.97 | -9.25  | 19.33           | 0.6065 | -0.4105 | 208.6           | 17 487                          | 37 585                          |      |
| -1 549c                         | 29 550                          | 38.2  | -19.54 | -8.74  | 21.41           | 0.5867 | -0.3712 | 204.1           | 17 489                          | 37 586                          |      |
| -1 555c                         | 31 555                          | 46.1  | -24.15 | -7.64  | 25.33           | 0.5745 | -0.308  | 197.5           | 18 491                          | 38 590                          |      |
| -1 560c                         | 32 560                          | 50.22 | -26.01 | -7.05  | 26.95           | 0.5804 | -0.2828 | 195.1           | 18 492                          | 38 593                          |      |
| 380                             | 770                             | 88.58 | 0.0    | 0.0    | 0.01            | 1.0984 | -0.1423 | 0.0             |                                 |                                 |      |



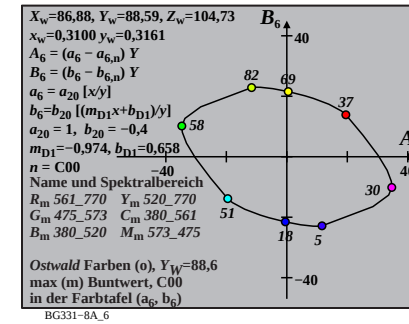
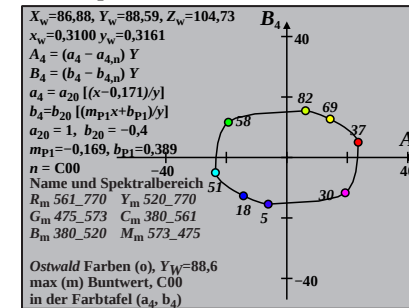
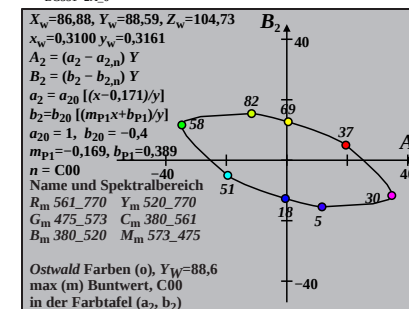
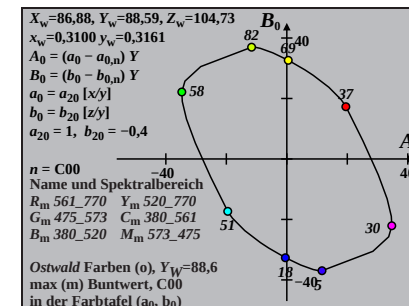
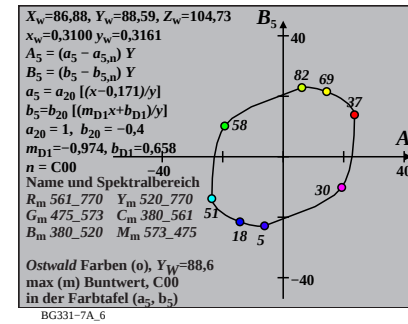
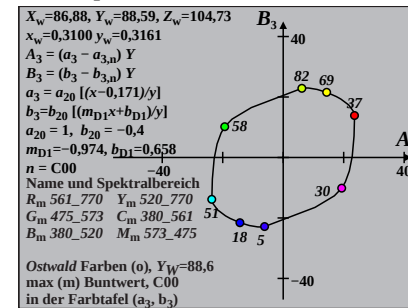
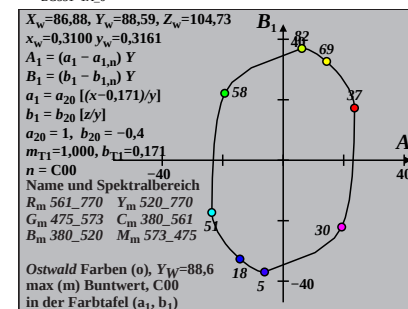
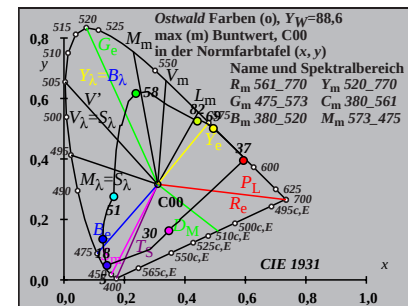
**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für E00, Y<sub>w</sub>=88,6, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>ab</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|
| 1 405                           | 32 564                          | 50.87 | -22.11 | -14.47 | 26.43           | 0.5653 | -0.6846 | 213.2           | 16 484                          | 38 592                          | Cm   |
| 6 435                           | 33 565                          | 51.3  | -25.82 | -7.08  | 26.77           | 0.4967 | -0.538  | 195.3           | 17 488                          | 45 627                          |      |
| 10 450                          | 33 566                          | 51.78 | -31.12 | 4.68   | 31.48           | 0.3988 | -0.3094 | 171.4           | 19 498                          | -1 498c                         |      |
| 12 460                          | 33 568                          | 52.51 | -33.26 | 10.46  | 34.86           | 0.3666 | -0.2007 | 162.5           | 21 507                          | -1 507c                         |      |
| 13 465                          | 33 569                          | 53.28 | -34.06 | 13.1   | 36.49           | 0.3606 | -0.1541 | 158.9           | 22 514                          | -1 514c                         |      |
| 14 470                          | 34 571                          | 54.5  | -34.5  | 15.52  | 37.83           | 0.367  | -0.1152 | 155.7           | 24 522                          | -1 522c                         |      |
| 14 475                          | 35 575                          | 57.16 | -34.67 | 16.58  | 38.43           | 0.3934 | -0.1099 | 154.4           | 25 525                          | -1 525c                         | Gm   |
| 16 480                          | 36 581                          | 60.43 | -33.93 | 20.61  | 39.7            | 0.4385 | -0.0589 | 148.7           | 27 538                          | -1 538c                         |      |
| 17 485                          | 39 595                          | 67.95 | -30.26 | 24.5   | 38.94           | 0.5546 | -0.0393 | 140.9           | 29 549                          | -1 549c                         |      |
| 18 490                          | -1 490c                         | 83.75 | -9.91  | 31.5   | 33.02           | 0.8815 | -0.0238 | 107.4           | 33 568                          | 11 459                          | max  |
| 19 495                          | -1 495c                         | 82.54 | -8.75  | 31.54  | 32.73           | 0.8939 | -0.0179 | 105.5           | 33 568                          | 12 461                          |      |
| 19 500                          | -1 499c                         | 82.54 | -8.75  | 31.54  | 32.73           | 0.8939 | -0.0179 | 105.5           | 33 568                          | 12 461                          |      |
| 22 510                          | -1 510c                         | 76.84 | -3.16  | 30.19  | 30.35           | 0.9587 | -0.0071 | 95.9            | 34 571                          | 13 469                          |      |
| 24 520                          | -1 520c                         | 70.99 | 2.12   | 28.12  | 28.2            | 1.0299 | -0.0038 | 85.6            | 34 574                          | 14 473                          | Ym   |
| 26 530                          | -1 530c                         | 63.88 | 7.86   | 25.41  | 26.6            | 1.123  | -0.0021 | 72.8            | 35 577                          | 15 477                          |      |
| 28 540                          | -1 540c                         | 56.0  | 13.32  | 22.33  | 26.0            | 1.2379 | -0.0011 | 59.1            | 36 581                          | 15 479                          |      |
| 29 545                          | -1 545c                         | 51.9  | 15.77  | 20.71  | 26.03           | 1.3039 | -0.0009 | 52.7            | 36 583                          | 16 480                          |      |
| 29 550                          | -1 549c                         | 51.9  | 15.77  | 20.71  | 26.03           | 1.3039 | -0.0009 | 52.7            | 36 583                          | 16 480                          |      |
| 30 555                          | -1 554c                         | 47.77 | 17.95  | 19.07  | 26.19           | 1.3757 | -0.0007 | 46.7            | 37 585                          | 16 482                          |      |
| 32 560                          | -1 560c                         | 39.54 | 21.24  | 15.79  | 26.47           | 1.5372 | -0.0005 | 36.6            | 38 590                          | 16 483                          |      |
| 32 564                          | 1 405                           | 49.12 | 22.11  | 14.47  | 26.42           | 1.45   | -0.1052 | 33.2            | 38 592                          | 16 484                          | Rm   |
| 33 565                          | 6 435                           | 48.69 | 25.82  | 7.08   | 26.77           | 1.5303 | -0.2545 | 15.3            | 45 627                          | 17 488                          |      |
| 33 566                          | 10 450                          | 48.21 | 31.12  | -4.68  | 31.48           | 1.6455 | -0.4972 | 351.4           | -1 498c                         | 19 498                          |      |
| 33 568                          | 12 460                          | 47.48 | 33.26  | -10.46 | 34.86           | 1.7005 | -0.6203 | 342.5           | -1 507c                         | 21 507                          |      |
| 33 569                          | 13 465                          | 46.71 | 34.06  | -13.1  | 36.49           | 1.7291 | -0.6804 | 338.9           | -1 514c                         | 22 514                          |      |
| 34 571                          | 14 470                          | 45.49 | 34.5   | -15.52 | 37.83           | 1.7583 | -0.7411 | 335.7           | -1 522c                         | 24 522                          |      |
| 35 575                          | 14 475                          | 42.83 | 34.67  | -16.58 | 38.43           | 1.8096 | -0.7872 | 334.4           | -1 525c                         | 25 525                          | Mm   |
| 36 581                          | 16 480                          | 39.56 | 33.93  | -20.61 | 39.7            | 1.8575 | -0.9209 | 328.7           | -1 538c                         | 27 538                          |      |
| 39 595                          | 17 485                          | 32.04 | 30.26  | -24.5  | 38.94           | 1.9444 | -1.1648 | 320.9           | -1 549c                         | 29 549                          |      |
| -1 490c                         | 18 490                          | 16.24 | 9.91   | -31.5  | 33.02           | 1.6105 | -2.3392 | 287.4           | 11 459                          | 33 568                          | min  |
| -1 495c                         | 19 495                          | 17.45 | 8.75   | -31.54 | 32.73           | 1.5016 | -2.2074 | 285.5           | 12 461                          | 33 568                          |      |
| -1 499c                         | 19 500                          | 17.45 | 8.75   | -31.54 | 32.73           | 1.5016 | -2.2074 | 285.5           | 12 461                          | 33 568                          |      |
| -1 510c                         | 22 510                          | 23.15 | 3.16   | -30.19 | 30.35           | 1.1369 | -1.7039 | 275.9           | 13 469                          | 34 571                          |      |
| -1 520c                         | 24 520                          | 29.0  | -2.12  | -28.12 | 28.2            | 0.9266 | -1.3696 | 265.6           | 14 473                          | 34 574                          | Bm   |
| -1 530c                         | 26 530                          | 36.11 | -7.86  | -25.41 | 26.6            | 0.7823 | -1.1038 | 252.8           | 15 477                          | 35 577                          |      |
| -1 540c                         | 28 540                          | 43.99 | -13.32 | -22.33 | 26.0            | 0.6971 | -0.9076 | 239.1           | 15 479                          | 36 581                          |      |
| -1 545c                         | 29 545                          | 48.09 | -15.77 | -20.71 | 26.03           | 0.6719 | -0.8307 | 232.7           | 16 480                          | 36 583                          |      |
| -1 549c                         | 29 550                          | 48.09 | -15.77 | -20.71 | 26.03           | 0.6719 | -0.8307 | 232.7           | 16 480                          | 36 583                          |      |
| -1 554c                         | 30 555                          | 52.22 | -17.95 | -19.07 | 26.19           | 0.6562 | -0.7652 | 226.7           | 16 482                          | 37 585                          |      |
| -1 560c                         | 32 560                          | 60.45 | -21.24 | -15.79 | 26.47           | 0.6485 | -0.6613 | 216.6           | 16 483                          | 38 590                          |      |
| 380                             | 770                             | 88.59 | 0.0    | 0.0    | 0.01            | 1.0    | -0.4    | 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**

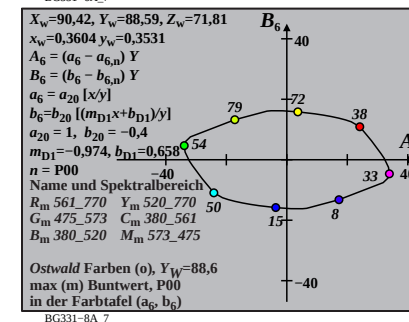
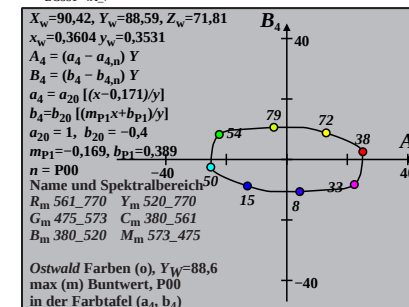
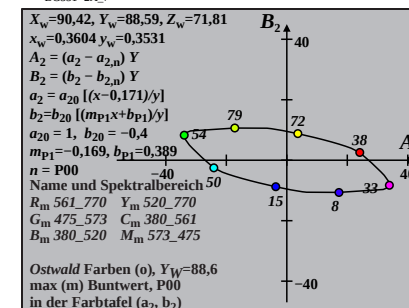
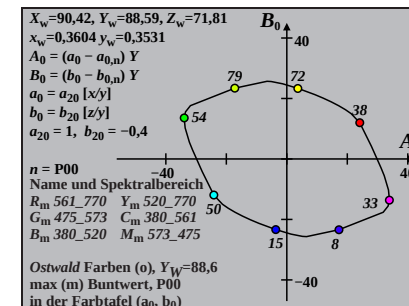
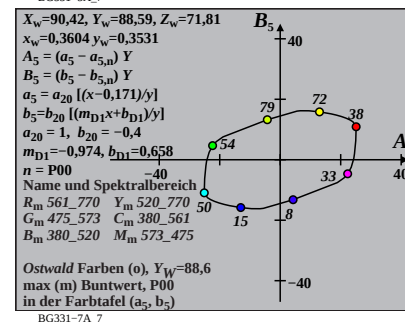
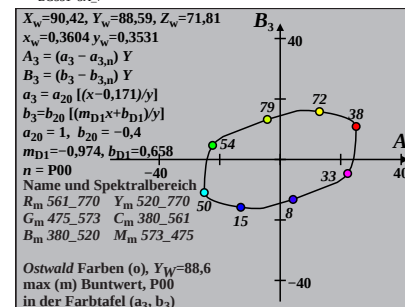
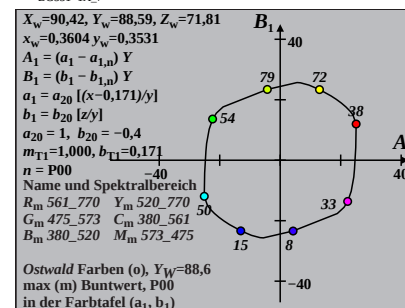
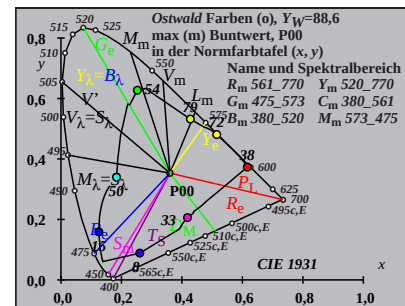
| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>ab</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|
| 1 405                           | 32 562                          | 51.1  | -19.54 | -17.3  | 26.1            | 0.5982 | -0.8115 | 221.5           | 16 482                          | 37 589                          | Cm   |
| 6 435                           | 32 563                          | 51.69 | -23.59 | -9.26  | 25.35           | 0.5242 | -0.6521 | 201.4           | 17 486                          | 42 612                          |      |
| 10 450                          | 32 564                          | 52.35 | -30.25 | 5.27   | 30.71           | 0.4027 | -0.3721 | 170.1           | 19 496                          | -1 496c                         |      |
| 11 460                          | 33 566                          | 53.63 | -31.86 | 9.38   | 33.22           | 0.3865 | -0.2979 | 163.5           | 20 501                          | -1 501c                         |      |
| 13 465                          | 33 568                          | 54.22 | -33.89 | 15.83  | 37.41           | 0.3556 | -0.1808 | 154.9           | 22 513                          | -1 513c                         |      |
| 14 470                          | 34 570                          | 55.77 | -34.55 | 18.96  | 39.42           | 0.3611 | -0.1328 | 151.2           | 24 522                          | -1 522c                         |      |
| 15 475                          | 35 575                          | 58.4  | -34.72 | 22.12  | 41.17           | 0.3861 | -0.0941 | 147.4           | 26 530                          | -1 530c                         | Gm   |
| 16 480                          | 36 582                          | 62.97 | -33.68 | 25.74  | 42.4            | 0.4457 | -0.064  | 142.6           | 28 540                          | -1 540c                         |      |
| 16 485                          | 40 602                          | 73.14 | -28.46 | 30.55  | 41.75           | 0.5915 | -0.0552 | 132.9           | 30 551                          | -1 551c                         |      |
| 18 490                          | -1 490c                         | 82.68 | -11.63 | 36.96  | 38.75           | 0.8399 | -0.0257 | 107.4           | 33 566                          | 11 459                          | max  |
| 19 495                          | -1 495c                         | 81.3  | -10.32 | 36.91  | 38.33           | 0.8536 | -0.0188 | 105.6           | 33 567                          | 12 462                          |      |
| 19 500                          | -1 499c                         | 81.3  | -10.32 | 36.91  | 38.33           | 0.8536 | -0.0188 | 105.6           | 33 567                          | 12 462                          |      |
| 21 510                          | -1 509c                         | 77.66 | -6.8   | 35.96  | 36.59           | 0.893  | -0.0098 | 100.7           | 33 568                          | 13 466                          |      |
| 24 520                          | -1 520c                         | 69.63 | 0.45   | 32.65  | 32.65           | 0.9872 | -0.0039 | 89.2            | 34 572                          | 14 472                          | Ym   |
| 26 530                          | -1 530c                         | 62.62 | 5.96   | 29.47  | 30.07           | 1.076  | -0.0021 | 78.5            | 35 575                          | 15 475                          |      |
| 28 540                          | -1 540c                         | 54.54 | 11.4   | 25.72  | 28.14           | 1.1898 | -0.0012 | 66.0            | 35 579                          | 15 478                          |      |
| 28 545                          | -1 544c                         | 54.54 | 11.4   | 25.72  | 28.14           | 1.1898 | -0.0012 | 66.0            | 35 579                          | 15 478                          |      |
| 29 550                          | -1 549c                         | 50.25 | 13.89  | 23.71  | 27.48           | 1.2572 | -0.0009 | 59.6            | 36 581                          | 15 479                          |      |
| 31 555                          | -1 555c                         | 41.49 | 17.97  | 19.59  | 26.59           | 1.4138 | -0.0006 | 47.4            | 37 586                          | 16 481                          |      |
| 31 560                          | -1 559c                         | 41.49 | 17.97  | 19.59  | 26.59           | 1.4138 | -0.0006 | 47.4            | 37 586                          | 16 481                          |      |
| 32 562                          | 1 405                           | 48.89 | 19.54  | 17.3   | 26.1            | 1.3804 | -0.1189 | 41.5            | 37 589                          | 16 482                          | Rm   |
| 32 563                          | 6 435                           | 48.3  | 23.59  | 9.26   | 25.35           | 1.4692 | -0.281  | 21.4            | 42 612                          | 17 486                          |      |
| 32 564                          | 10 450                          | 47.64 | 30.25  | -5.27  | 30.71           | 1.6157 | -0.5836 | 350.1           | -1 496c                         | 19 496                          |      |
| 33 566                          | 11 460                          | 46.36 | 31.86  | -9.38  | 33.22           | 1.668  | -0.6752 | 343.5           | -1 501c                         | 20 501                          |      |
| 33 568                          | 13 465                          | 45.77 | 33.89  | -15.83 | 37.41           | 1.7213 | -0.8189 | 334.9           | -1 513c                         | 22 513                          |      |
| 34 570                          | 14 470                          | 44.22 | 34.55  | -18.96 | 39.42           | 1.7621 | -0.9018 | 331.2           | -1 522c                         | 24 522                          |      |
| 35 575                          | 15 475                          | 41.59 | 34.72  | -22.12 | 41.17           | 1.8156 | -1.0048 | 327.4           | -1 530c                         | 26 530                          | Mm   |
| 36 582                          | 16 480                          | 37.02 | 33.68  | -25.74 | 42.4            | 1.8905 | -1.1682 | 322.6           | -1 540c                         | 28 540                          |      |
| 40 602                          | 16 485                          | 26.85 | 28.46  | -30.55 | 41.75           | 2.0405 | -1.6104 | 312.9           | -1 551c                         | 30 551                          |      |
| -1 490c                         | 18 490                          | 17.31 | 11.63  | -36.96 | 38.75           | 1.6528 | -2.6079 | 287.4           | 11 459                          | 33 566                          | min  |
| -1 495c                         | 19 495                          | 18.69 | 10.32  | -36.91 | 38.33           | 1.5331 | -2.4471 | 285.6           | 12 462                          | 33 567                          |      |
| -1 499c                         | 19 500                          | 18.69 | 10.32  | -36.91 | 38.33           | 1.5331 | -2.4471 | 285.6           | 12 462                          | 33 567                          |      |
| -1 509c                         | 21 510                          | 22.33 | 6.8    | -35.96 | 36.59           | 1.2854 | -2.083  | 280.7           | 13 466                          | 33 568                          |      |
| -1 520c                         | 24 520                          | 30.36 | -0.45  | -32.65 | 32.65           | 0.9657 | -1.5483 | 269.2           | 14 472                          | 34 572                          | Bm   |
| -1 530c                         | 26 530                          | 37.37 | -5.96  | -29.47 | 30.07           | 0.821  | -1.2615 | 258.5           | 15 475                          | 35 575                          |      |
| -1 540c                         | 28 540                          | 45.45 | -11.4  | -25.72 | 28.14           | 0.7297 | -1.0389 | 246.0           | 15 478                          | 35 579                          |      |
| -1 544c                         | 28 545                          | 45.45 | -11.4  | -25.72 | 28.14           | 0.7297 | -1.0389 | 246.0           | 15 478                          | 35 579                          |      |
| -1 549c                         | 29 550                          | 49.74 | -13.89 | -23.71 | 27.48           | 0.7014 | -0.9496 | 239.6           | 15 479                          | 36 581                          |      |
| -1 555c                         | 31 555                          | 58.5  | -17.97 | -19.59 | 26.59           | 0.6734 | -0.8079 | 227.4           | 16 481                          | 37 586                          |      |
| -1 559c                         | 31 560                          | 58.5  | -17.97 | -19.59 | 26.59           | 0.6734 | -0.8079 | 227.4           | 16 481                          | 37 586                          |      |
| 380                             | 770                             | 88.59 | 0.0    | 0.0    | 0.01            | 0.9807 | -0.4729 | 0.0             |                                 |                                 |      |



**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für P00, 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> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>ab</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|
| 1 405                           | 33 567                          | 50.33 | -24.12 | -11.96 | 26.92           | 0.5413 | -0.5619 | 206.3           | 17 486                          | 38 594                          | Cm   |
| 7 435                           | 33 567                          | 50.61 | -27.97 | -4.18  | 28.28           | 0.4679 | -0.407  | 188.5           | 18 491                          | -1 491c                         |      |
| 10 450                          | 33 568                          | 51.06 | -31.16 | 2.97   | 31.31           | 0.4103 | -0.2659 | 174.5           | 19 499                          | -1 499c                         |      |
| 12 460                          | 34 570                          | 51.65 | -32.91 | 7.66   | 33.79           | 0.3834 | -0.1758 | 166.8           | 21 507                          | -1 507c                         |      |
| 13 465                          | 34 571                          | 52.22 | -33.48 | 9.79   | 34.88           | 0.3796 | -0.1366 | 163.6           | 22 513                          | -1 513c                         |      |
| 13 470                          | 34 572                          | 53.56 | -33.61 | 10.22  | 35.13           | 0.3931 | -0.1332 | 163.0           | 23 515                          | -1 515c                         |      |
| 15 475                          | 35 575                          | 54.9  | -33.94 | 13.6   | 36.57           | 0.4024 | -0.0765 | 158.1           | 25 529                          | -1 529c                         | Gm   |
| 16 480                          | 36 580                          | 57.9  | -33.49 | 15.58  | 36.94           | 0.4422 | -0.055  | 155.0           | 27 537                          | -1 537c                         |      |
| 17 485                          | 37 589                          | 63.52 | -31.34 | 18.18  | 36.23           | 0.5273 | -0.0379 | 149.8           | 29 547                          | -1 547c                         |      |
| 18 490                          | 45 625                          | 78.78 | -16.44 | 23.72  | 28.87           | 0.8119 | -0.023  | 124.7           | 32 564                          | -1 564c                         | max  |
| 18 495                          | -1 494c                         | 84.48 | -7.59  | 25.57  | 26.67           | 0.9308 | -0.0215 | 106.5           | 34 570                          | 12 460                          |      |
| 20 500                          | -1 500c                         | 82.05 | -5.16  | 25.6   | 26.12           | 0.9577 | -0.0121 | 101.3           | 34 571                          | 13 465                          |      |
| 22 510                          | -1 510c                         | 78.23 | -1.35  | 24.85  | 24.88           | 1.0033 | -0.0066 | 93.1            | 34 573                          | 14 470                          | Ym   |
| 24 520                          | -1 520c                         | 72.8  | 3.67   | 23.34  | 23.62           | 1.0711 | -0.0036 | 81.0            | 35 575                          | 14 474                          |      |
| 25 530                          | -1 529c                         | 69.57 | 6.43   | 22.37  | 23.27           | 1.1131 | -0.0027 | 73.9            | 35 577                          | 15 476                          |      |
| 28 540                          | -1 540c                         | 58.47 | 14.66  | 18.89  | 23.91           | 1.2713 | -0.0011 | 52.1            | 36 582                          | 16 481                          |      |
| 28 545                          | -1 544c                         | 58.47 | 14.66  | 18.89  | 23.91           | 1.2713 | -0.0011 | 52.1            | 36 582                          | 16 481                          |      |
| 30 550                          | -1 550c                         | 50.39 | 19.36  | 16.3   | 25.31           | 1.4049 | -0.0007 | 40.0            | 37 586                          | 16 483                          |      |
| 30 555                          | -1 554c                         | 50.39 | 19.36  | 16.3   | 25.31           | 1.4049 | -0.0007 | 40.0            | 37 586                          | 16 483                          |      |
| 32 560                          | -1 560c                         | 42.17 | 22.82  | 13.65  | 26.59           | 1.5618 | -0.0005 | 30.8            | 38 591                          | 17 485                          |      |
| 33 567                          | 1 405                           | 49.66 | 24.12  | 11.96  | 26.92           | 1.5064 | -0.0833 | 26.3            | 38 594                          | 17 486                          | Rm   |
| 33 567                          | 7 435                           | 49.38 | 27.97  | 4.18   | 28.28           | 1.5871 | -0.2394 | 8.5             | -1 491c                         | 18 491                          |      |
| 33 568                          | 10 450                          | 48.93 | 31.16  | -2.97  | 31.31           | 1.6576 | -0.385  | 354.5           | -1 499c                         | 19 499                          |      |
| 34 570                          | 12 460                          | 48.34 | 32.91  | -7.66  | 33.79           | 1.7014 | -0.4827 | 346.8           | -1 507c                         | 21 507                          |      |
| 34 571                          | 13 465                          | 47.77 | 33.48  | -9.79  | 34.88           | 1.7215 | -0.5293 | 343.6           | -1 513c                         | 22 513                          |      |
| 34 572                          | 13 470                          | 46.43 | 33.61  | -10.22 | 35.13           | 1.7445 | -0.5445 | 343.0           | -1 515c                         | 23 515                          |      |
| 35 575                          | 15 475                          | 45.09 | 33.94  | -13.6  | 36.57           | 1.7735 | -0.6258 | 338.1           | -1 529c                         | 25 529                          | Mm   |
| 36 580                          | 16 480                          | 42.09 | 33.49  | -15.58 | 36.94           | 1.8161 | -0.6945 | 335.0           | -1 537c                         | 27 537                          |      |
| 37 589                          | 17 485                          | 36.47 | 31.34  | -18.18 | 36.23           | 1.8799 | -0.8229 | 329.8           | -1 547c                         | 29 547                          |      |
| 45 625                          | 18 490                          | 21.21 | 16.44  | -23.72 | 28.87           | 1.796  | -1.4429 | 304.7           | -1 564c                         | 32 564                          | min  |
| -1 494c                         | 18 495                          | 15.51 | 7.59   | -25.57 | 26.67           | 1.5099 | -1.9729 | 286.5           | 12 460                          | 34 570                          |      |
| -1 500c                         | 20 500                          | 17.94 | 5.16   | -25.6  | 26.12           | 1.3082 | -1.7514 | 281.3           | 13 465                          | 34 571                          |      |
| -1 510c                         | 22 510                          | 21.76 | 1.35   | -24.85 | 24.88           | 1.083  | -1.4663 | 273.1           | 14 470                          | 34 573                          |      |
| -1 520c                         | 24 520                          | 27.19 | -3.67  | -23.34 | 23.62           | 0.8855 | -1.1826 | 261.0           | 14 474                          | 35 575                          | Bm   |
| -1 529c                         | 25 530                          | 30.42 | -6.43  | -22.37 | 23.27           | 0.8091 | -1.0595 | 253.9           | 15 476                          | 35 577                          |      |
| -1 540c                         | 28 540                          | 41.52 | -14.66 | -18.89 | 23.91           | 0.6675 | -0.7792 | 232.1           | 16 481                          | 36 582                          |      |
| -1 544c                         | 28 545                          | 41.52 | -14.66 | -18.89 | 23.91           | 0.6675 | -0.7792 | 232.1           | 16 481                          | 36 582                          |      |
| -1 550c                         | 30 550                          | 49.6  | -19.36 | -16.3  | 25.31           | 0.6302 | -0.6529 | 220.0           | 16 483                          | 37 586                          |      |
| -1 554c                         | 30 555                          | 49.6  | -19.36 | -16.3  | 25.31           | 0.6302 | -0.6529 | 220.0           | 16 483                          | 37 586                          |      |
| -1 560c                         | 32 560                          | 57.82 | -22.82 | -13.65 | 26.59           | 0.6259 | -0.5603 | 210.8           | 17 485                          | 38 591                          |      |
| 380                             | 770                             | 88.59 | 0.0    | 0.0    | 0.01            | 1.0206 | -0.3242 | 0.0             |                                 |                                 |      |

TUB-Prüfvorlage BG33; CIE (x, y) und Buntwerte (A<sub>i</sub>, B<sub>i</sub>)  
Ostwald-Optimalfarben für Lichtart P00, Diagramm für Lichtart P00, Y<sub>w</sub>=88,6



**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für Q00, 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> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>ab</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|
| 1 405                           | 32 562                          | 51.28 | -19.83 | -16.97 | 26.1            | 0.5925 | -0.8068 | 220.5           | 16 482                          | 38 590                          | Cm   |
| 7 435                           | 32 562                          | 51.72 | -26.08 | -4.41  | 26.45           | 0.475  | -0.5611 | 189.5           | 17 488                          | -1 488c                         |      |
| 10 450                          | 32 564                          | 52.44 | -31.0  | 6.48   | 31.67           | 0.3881 | -0.3521 | 168.1           | 19 497                          | -1 497c                         |      |
| 11 460                          | 33 566                          | 53.67 | -32.55 | 10.42  | 34.18           | 0.3728 | -0.2816 | 162.2           | 20 502                          | -1 502c                         |      |
| 12 465                          | 33 568                          | 54.66 | -33.78 | 14.0   | 36.57           | 0.3611 | -0.2196 | 157.4           | 21 508                          | -1 508c                         |      |
| 14 470                          | 34 570                          | 55.78 | -35.1  | 19.49  | 40.15           | 0.3499 | -0.1264 | 150.9           | 24 522                          | -1 522c                         |      |
| 15 475                          | 35 575                          | 58.38 | -35.27 | 22.49  | 41.83           | 0.3751 | -0.0905 | 147.4           | 26 530                          | -1 530c                         | Gm   |
| 16 480                          | 36 582                          | 62.99 | -34.26 | 26.03  | 43.02           | 0.4354 | -0.0625 | 142.7           | 27 539                          | -1 539c                         |      |
| 17 485                          | 40 602                          | 72.6  | -28.13 | 31.61  | 42.31           | 0.5918 | -0.0404 | 131.6           | 30 552                          | -1 552c                         |      |
| 17 490                          | -1 489c                         | 84.1  | -13.23 | 37.08  | 39.37           | 0.8219 | -0.0349 | 109.6           | 33 565                          | 11 455                          | max  |
| 18 495                          | -1 494c                         | 83.02 | -12.27 | 37.32  | 39.29           | 0.8314 | -0.0262 | 108.2           | 33 565                          | 11 458                          |      |
| 20 500                          | -1 500c                         | 80.01 | -9.39  | 36.91  | 38.09           | 0.8619 | -0.0144 | 104.2           | 33 567                          | 12 463                          |      |
| 21 510                          | -1 509c                         | 77.94 | -7.4   | 36.26  | 37.01           | 0.8843 | -0.0105 | 101.5           | 33 568                          | 13 465                          |      |
| 23 520                          | -1 519c                         | 72.51 | -2.36  | 34.09  | 34.17           | 0.9466 | -0.0056 | 93.9            | 34 571                          | 14 470                          | Ym   |
| 26 530                          | -1 530c                         | 61.69 | 6.39   | 29.21  | 29.9            | 1.0829 | -0.0022 | 77.6            | 35 576                          | 15 475                          |      |
| 27 540                          | -1 539c                         | 57.66 | 9.22   | 27.34  | 28.85           | 1.1393 | -0.0016 | 71.3            | 35 578                          | 15 477                          |      |
| 28 545                          | -1 544c                         | 53.52 | 11.88  | 25.4   | 28.04           | 1.2014 | -0.0012 | 64.9            | 36 580                          | 15 478                          |      |
| 29 550                          | -1 549c                         | 49.33 | 14.3   | 23.43  | 27.45           | 1.2693 | -0.0009 | 58.5            | 36 582                          | 15 479                          |      |
| 30 555                          | -1 554c                         | 45.14 | 16.42  | 21.44  | 27.01           | 1.3431 | -0.0007 | 52.5            | 36 584                          | 16 480                          |      |
| 31 560                          | -1 559c                         | 40.99 | 18.19  | 19.47  | 26.65           | 1.4231 | -0.0006 | 46.9            | 37 587                          | 16 481                          |      |
| 32 562                          | 1 405                           | 48.71 | 19.83  | 16.97  | 26.1            | 1.3864 | -0.1273 | 40.5            | 38 590                          | 16 482                          | Rm   |
| 32 562                          | 7 435                           | 48.27 | 26.08  | 4.41   | 26.45           | 1.5196 | -0.3844 | 9.5             | -1 488c                         | 17 488                          |      |
| 32 564                          | 10 450                          | 47.55 | 31.0   | -6.48  | 31.67           | 1.6311 | -0.6121 | 348.1           | -1 497c                         | 19 497                          |      |
| 33 566                          | 11 460                          | 46.32 | 32.55  | -10.42 | 34.18           | 1.682  | -0.7007 | 342.2           | -1 502c                         | 20 502                          |      |
| 33 568                          | 12 465                          | 45.33 | 33.78  | -14.0  | 36.57           | 1.7246 | -0.7846 | 337.4           | -1 508c                         | 21 508                          |      |
| 34 570                          | 14 470                          | 44.21 | 35.1   | -19.49 | 40.15           | 1.7734 | -0.9166 | 330.9           | -1 522c                         | 24 522                          |      |
| 35 575                          | 15 475                          | 41.61 | 35.27  | -22.49 | 41.83           | 1.827  | -1.0163 | 327.4           | -1 530c                         | 26 530                          | Mm   |
| 36 582                          | 16 480                          | 37.0  | 34.26  | -26.03 | 43.02           | 1.9052 | -1.1793 | 322.7           | -1 539c                         | 27 539                          |      |
| 40 602                          | 17 485                          | 27.39 | 28.13  | -31.61 | 42.31           | 2.0061 | -1.6296 | 311.6           | -1 552c                         | 30 552                          |      |
| -1 489c                         | 17 490                          | 15.89 | 13.23  | -37.08 | 39.37           | 1.8117 | -2.8086 | 289.6           | 11 455                          | 33 565                          | min  |
| -1 494c                         | 18 495                          | 16.97 | 12.27  | -37.32 | 39.29           | 1.7025 | -2.6742 | 288.2           | 11 458                          | 33 565                          |      |
| -1 500c                         | 20 500                          | 19.98 | 9.39   | -36.91 | 38.09           | 1.4493 | -2.3227 | 284.2           | 12 463                          | 33 567                          |      |
| -1 509c                         | 21 510                          | 22.05 | 7.4    | -36.26 | 37.01           | 1.3149 | -2.1206 | 281.5           | 13 465                          | 33 568                          |      |
| -1 519c                         | 23 520                          | 27.48 | 2.36   | -34.09 | 34.17           | 1.0654 | -1.7161 | 273.9           | 14 470                          | 34 571                          | Bm   |
| -1 530c                         | 26 530                          | 38.3  | -6.39  | -29.21 | 29.9            | 0.8124 | -1.2384 | 257.6           | 15 475                          | 35 576                          |      |
| -1 539c                         | 27 540                          | 42.33 | -9.22  | -27.34 | 28.85           | 0.7613 | -1.1216 | 251.3           | 15 477                          | 35 578                          |      |
| -1 544c                         | 28 545                          | 46.47 | -11.88 | -25.4  | 28.04           | 0.7235 | -1.0224 | 244.9           | 15 478                          | 36 580                          |      |
| -1 549c                         | 29 550                          | 50.66 | -14.3  | -23.43 | 27.45           | 0.6969 | -0.9383 | 238.5           | 15 479                          | 36 582                          |      |
| -1 554c                         | 30 555                          | 54.85 | -16.42 | -21.44 | 27.01           | 0.6798 | -0.8668 | 232.5           | 16 480                          | 36 584                          |      |
| -1 559c                         | 31 560                          | 59.0  | -18.19 | -19.47 | 26.65           | 0.671  | -0.8059 | 226.9           | 16 481                          | 37 587                          |      |
| 380                             | 770                             | 88.59 | 0.0    | 0.0    | 0.01            | 0.9793 | -0.4758 | 0.0             |                                 |                                 |      |

