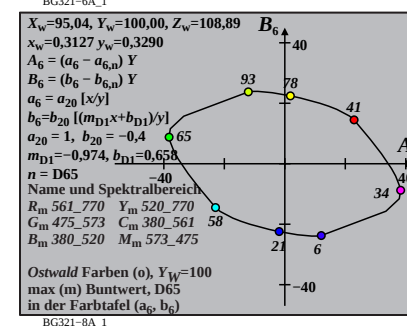
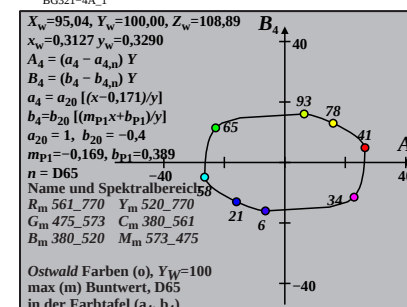
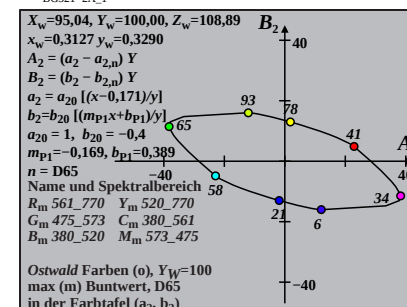
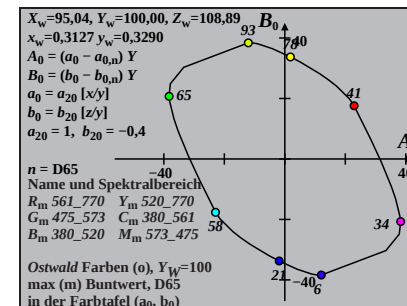
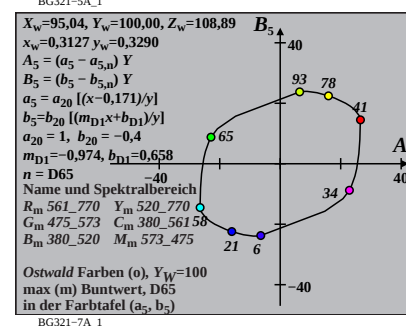
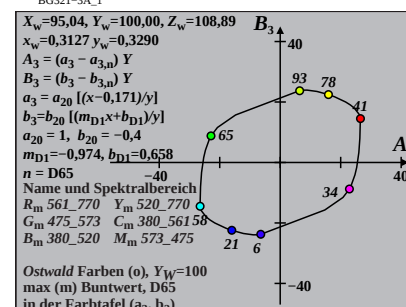
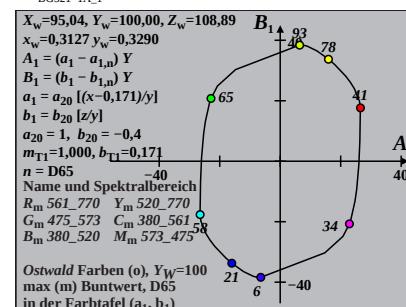
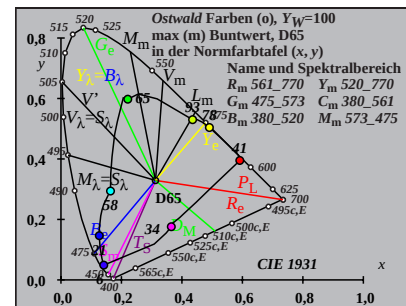


**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für D65, Y<sub>w</sub>=100, Y<sub>m</sub>=520\_770**

| 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                          | 58.2  | -22.74 | -17.89 | 28.94           | 0.5596 | -0.743  | 218.1           | 16 483                          | 37 589                          | Cm   |
| 6 435                           | 32 562                          | 58.79 | -26.79 | -9.88  | 28.55           | 0.4948 | -0.6036 | 200.2           | 17 486                          | 42 610                          |      |
| 10 450                          | 32 563                          | 59.41 | -33.54 | 4.93   | 33.9            | 0.3859 | -0.3525 | 171.6           | 19 496                          | -1 496c                         |      |
| 12 460                          | 33 565                          | 60.32 | -36.45 | 12.66  | 38.58           | 0.3461 | -0.2256 | 160.8           | 21 505                          | -1 505c                         |      |
| 12 465                          | 33 567                          | 61.66 | -36.65 | 13.24  | 38.97           | 0.356  | -0.2207 | 160.1           | 21 506                          | -1 506c                         |      |
| 14 470                          | 33 569                          | 62.72 | -38.14 | 19.32  | 42.76           | 0.3422 | -0.1274 | 153.1           | 24 520                          | -1 520c                         |      |
| 15 475                          | 34 573                          | 65.29 | -38.28 | 22.47  | 44.39           | 0.364  | -0.0913 | 149.5           | 25 528                          | -1 528c                         | Gm   |
| 16 480                          | 36 580                          | 69.95 | -37.48 | 26.04  | 45.64           | 0.4146 | -0.0632 | 145.2           | 27 537                          | -1 537c                         |      |
| 17 485                          | 39 595                          | 78.75 | -32.73 | 31.0   | 45.09           | 0.5347 | -0.0418 | 136.5           | 29 548                          | -1 548c                         |      |
| 18 490                          | -1 490c                         | 93.8  | -12.06 | 38.4   | 40.25           | 0.8218 | -0.0261 | 107.4           | 33 565                          | 11 459                          | max  |
| 19 495                          | -1 495c                         | 92.3  | -10.68 | 38.39  | 39.85           | 0.8346 | -0.0195 | 105.5           | 33 566                          | 12 462                          |      |
| 20 500                          | -1 500c                         | 90.42 | -8.91  | 38.07  | 39.1            | 0.8518 | -0.0144 | 103.1           | 33 567                          | 12 464                          |      |
| 22 510                          | -1 510c                         | 85.27 | -4.15  | 36.48  | 36.72           | 0.9016 | -0.0076 | 96.5            | 33 569                          | 13 469                          | Ym   |
| 23 520                          | -1 519c                         | 81.98 | -1.26  | 35.24  | 35.26           | 0.935  | -0.0056 | 92.0            | 34 570                          | 14 471                          |      |
| 25 530                          | -1 529c                         | 74.04 | 5.15   | 32.02  | 32.43           | 1.0201 | -0.0031 | 80.8            | 34 573                          | 15 475                          |      |
| 27 540                          | -1 539c                         | 64.9  | 11.57  | 28.16  | 30.44           | 1.1288 | -0.0016 | 67.6            | 35 577                          | 15 478                          |      |
| 28 545                          | -1 544c                         | 60.13 | 14.5   | 26.11  | 29.87           | 1.1917 | -0.0012 | 60.9            | 35 579                          | 15 479                          |      |
| 29 550                          | -1 549c                         | 55.26 | 17.18  | 24.01  | 29.53           | 1.2613 | -0.0009 | 54.4            | 36 582                          | 16 480                          |      |
| 30 555                          | -1 554c                         | 50.4  | 19.49  | 21.91  | 29.33           | 1.3372 | -0.0007 | 48.3            | 36 584                          | 16 481                          |      |
| 32 560                          | -1 560c                         | 41.0  | 22.8   | 17.83  | 28.95           | 1.5064 | -0.0005 | 38.0            | 37 589                          | 16 483                          |      |
| 32 561                          | 0 405                           | 41.79 | 22.74  | 17.89  | 28.94           | 1.4947 | -0.0072 | 38.1            | 37 589                          | 16 483                          | Rm   |
| 32 562                          | 6 435                           | 41.2  | 26.79  | 9.88   | 28.55           | 1.6006 | -0.1956 | 20.2            | 42 610                          | 17 486                          |      |
| 32 563                          | 10 450                          | 40.58 | 33.54  | -4.93  | 33.9            | 1.777  | -0.557  | 351.6           | -1 496c                         | 19 496                          |      |
| 33 565                          | 12 460                          | 39.67 | 36.45  | -12.66 | 38.58           | 1.869  | -0.7547 | 340.8           | -1 505c                         | 21 505                          |      |
| 33 567                          | 12 465                          | 38.33 | 36.65  | -13.24 | 38.97           | 1.9065 | -0.7811 | 340.1           | -1 506c                         | 21 506                          |      |
| 33 569                          | 14 470                          | 37.27 | 38.14  | -19.32 | 42.76           | 1.9738 | -0.9541 | 333.1           | -1 520c                         | 24 520                          |      |
| 34 573                          | 15 475                          | 34.7  | 38.28  | -22.47 | 44.39           | 2.0536 | -1.083  | 329.5           | -1 528c                         | 25 528                          | Mm   |
| 36 580                          | 16 480                          | 30.04 | 37.48  | -26.04 | 45.64           | 2.1981 | -1.3025 | 325.2           | -1 537c                         | 27 537                          |      |
| 39 595                          | 17 485                          | 21.24 | 32.73  | -31.0  | 45.09           | 2.4913 | -1.8951 | 316.5           | -1 548c                         | 29 548                          |      |
| -1 490c                         | 18 490                          | 6.19  | 12.06  | -38.4  | 40.25           | 2.899  | -6.6372 | 287.4           | 11 459                          | 33 565                          | min  |
| -1 495c                         | 19 495                          | 7.69  | 10.68  | -38.39 | 39.85           | 2.3392 | -5.4245 | 285.5           | 12 462                          | 33 566                          |      |
| -1 500c                         | 20 500                          | 9.57  | 8.91   | -38.07 | 39.1            | 1.8814 | -4.4105 | 283.1           | 12 464                          | 33 567                          |      |
| -1 510c                         | 22 510                          | 14.72 | 4.15   | -36.48 | 36.72           | 1.2328 | -2.9143 | 276.5           | 13 469                          | 33 569                          |      |
| -1 519c                         | 23 520                          | 18.01 | 1.26   | -35.24 | 35.26           | 1.0204 | -2.3925 | 272.0           | 14 471                          | 34 570                          | Bm   |
| -1 529c                         | 25 530                          | 25.95 | -5.15  | -32.02 | 32.43           | 0.7516 | -1.6693 | 260.8           | 15 475                          | 34 573                          |      |
| -1 539c                         | 27 540                          | 35.09 | -11.57 | -28.16 | 30.44           | 0.6205 | -1.238  | 247.6           | 15 478                          | 35 577                          |      |
| -1 544c                         | 28 545                          | 39.86 | -14.5  | -26.11 | 29.87           | 0.5865 | -1.0906 | 240.9           | 15 479                          | 35 579                          |      |
| -1 549c                         | 29 550                          | 44.73 | -17.18 | -24.01 | 29.53           | 0.5663 | -0.9725 | 234.4           | 16 480                          | 36 582                          |      |
| -1 554c                         | 30 555                          | 49.59 | -19.49 | -21.91 | 29.33           | 0.5572 | -0.8774 | 228.3           | 16 481                          | 36 584                          |      |
| -1 560c                         | 32 560                          | 58.99 | -22.8  | -17.83 | 28.95           | 0.5638 | -0.7379 | 218.0           | 16 483                          | 37 589                          |      |
| 380                             | 770                             | 100.0 | 0.0    | 0.0    | 0.01            | 0.9504 | -0.4355 | 0.0             |                                 |                                 |      |

TUB-Prüfvorlage BG32; 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>=100



**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für D50, Y<sub>w</sub>=100, 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                          | 57.81 | -26.12 | -13.56 | 29.43           | 0.5124 | -0.5646 | 207.4           | 17 486                          | 38 592                          | Cm   |
| 7 435                           | 33 565                          | 58.18 | -29.76 | -6.19  | 30.4            | 0.4526 | -0.4365 | 191.7           | 18 490                          | 46 634                          |      |
| 10 450                          | 33 566                          | 58.68 | -33.54 | 2.37   | 33.63           | 0.3925 | -0.2895 | 175.9           | 19 497                          | -1 497c                         |      |
| 12 460                          | 33 567                          | 59.3  | -35.7  | 8.25   | 36.64           | 0.3621 | -0.1907 | 166.9           | 21 506                          | -1 506c                         |      |
| 13 465                          | 33 568                          | 59.95 | -36.49 | 10.91  | 38.09           | 0.3555 | -0.1478 | 163.3           | 22 511                          | -1 511c                         |      |
| 14 470                          | 34 570                          | 61.04 | -36.99 | 13.32  | 39.32           | 0.3581 | -0.1117 | 160.1           | 23 519                          | -1 519c                         |      |
| 15 475                          | 34 573                          | 62.89 | -37.08 | 15.59  | 40.23           | 0.3745 | -0.0821 | 157.2           | 25 527                          | -1 527c                         | Gm   |
| 15 480                          | 35 578                          | 66.91 | -36.91 | 16.91  | 40.6            | 0.4125 | -0.0772 | 155.3           | 26 531                          | -1 531c                         |      |
| 17 485                          | 37 587                          | 72.24 | -34.33 | 20.9   | 40.19           | 0.489  | -0.0405 | 148.6           | 28 544                          | -1 544c                         |      |
| 18 490                          | 44 620                          | 88.02 | -19.26 | 26.82  | 33.02           | 0.7454 | -0.0251 | 125.6           | 32 561                          | -1 561c                         | max  |
| 19 495                          | -1 495c                         | 93.65 | -7.19  | 29.25  | 30.12           | 0.8874 | -0.0176 | 103.8           | 33 568                          | 12 463                          |      |
| 20 500                          | -1 500c                         | 91.98 | -5.59  | 29.14  | 29.67           | 0.9033 | -0.0131 | 100.8           | 33 569                          | 13 466                          |      |
| 22 510                          | -1 510c                         | 87.33 | -1.23  | 28.19  | 28.22           | 0.95   | -0.0071 | 92.5            | 34 571                          | 14 471                          |      |
| 23 520                          | -1 519c                         | 84.29 | 1.48   | 27.36  | 27.41           | 0.9818 | -0.0053 | 86.8            | 34 572                          | 14 473                          | Ym   |
| 25 530                          | -1 529c                         | 76.8  | 7.64   | 25.11  | 26.25           | 1.0637 | -0.0029 | 73.0            | 35 575                          | 15 477                          |      |
| 27 540                          | -1 539c                         | 68.0  | 13.94  | 22.33  | 26.32           | 1.1692 | -0.0015 | 58.0            | 35 579                          | 16 480                          |      |
| 28 545                          | -1 544c                         | 63.34 | 16.86  | 20.82  | 26.8            | 1.2304 | -0.0011 | 50.9            | 36 581                          | 16 481                          |      |
| 29 550                          | -1 549c                         | 58.55 | 19.56  | 19.26  | 27.45           | 1.2983 | -0.0009 | 44.5            | 36 583                          | 16 483                          |      |
| 30 555                          | -1 554c                         | 53.72 | 21.93  | 17.68  | 28.17           | 1.3724 | -0.0007 | 38.8            | 37 585                          | 16 484                          |      |
| 32 560                          | -1 560c                         | 44.27 | 25.38  | 14.58  | 29.27           | 1.5375 | -0.0005 | 29.8            | 38 590                          | 17 486                          |      |
| 32 564                          | 1 405                           | 42.18 | 26.11  | 13.56  | 29.43           | 1.5834 | -0.0084 | 27.4            | 38 592                          | 17 486                          | Rm   |
| 33 565                          | 7 435                           | 41.81 | 29.76  | 6.19   | 30.4            | 1.6761 | -0.1817 | 11.7            | 46 634                          | 18 490                          |      |
| 33 566                          | 10 450                          | 41.31 | 33.54  | -2.37  | 33.63           | 1.7762 | -0.3874 | 355.9           | -1 497c                         | 19 497                          |      |
| 33 567                          | 12 460                          | 40.69 | 35.7   | -8.25  | 36.64           | 1.8416 | -0.5329 | 346.9           | -1 506c                         | 21 506                          |      |
| 33 568                          | 13 465                          | 40.04 | 36.49  | -10.91 | 38.09           | 1.8756 | -0.6026 | 343.3           | -1 511c                         | 22 511                          |      |
| 34 570                          | 14 470                          | 38.95 | 36.99  | -13.32 | 39.32           | 1.9139 | -0.6719 | 340.1           | -1 519c                         | 23 519                          |      |
| 34 573                          | 15 475                          | 37.1  | 37.08  | -15.59 | 40.23           | 1.9638 | -0.7501 | 337.2           | -1 527c                         | 25 527                          | Mm   |
| 35 578                          | 15 480                          | 33.08 | 36.91  | -16.91 | 40.6            | 2.08   | -0.8412 | 335.3           | -1 531c                         | 26 531                          |      |
| 37 587                          | 17 485                          | 27.75 | 34.32  | -20.9  | 40.19           | 2.201  | -1.0832 | 328.6           | -1 544c                         | 28 544                          |      |
| 44 620                          | 18 490                          | 11.97 | 19.26  | -26.82 | 33.02           | 2.572  | -2.5696 | 305.6           | -1 561c                         | 32 561                          | min  |
| -1 495c                         | 19 495                          | 6.34  | 7.19   | -29.25 | 30.12           | 2.0975 | -4.9398 | 283.8           | 12 463                          | 33 568                          |      |
| -1 500c                         | 20 500                          | 8.01  | 5.59   | -29.14 | 29.67           | 1.6629 | -3.9666 | 280.8           | 13 466                          | 33 569                          |      |
| -1 510c                         | 22 510                          | 12.66 | 1.23   | -28.19 | 28.22           | 1.0617 | -2.5572 | 272.5           | 14 471                          | 34 571                          |      |
| -1 519c                         | 23 520                          | 15.7  | -1.48  | -27.36 | 27.41           | 0.8696 | -2.073  | 266.8           | 14 473                          | 34 572                          | Bm   |
| -1 529c                         | 25 530                          | 23.19 | -7.64  | -25.11 | 26.25           | 0.6346 | -1.4127 | 253.0           | 15 477                          | 35 575                          |      |
| -1 539c                         | 27 540                          | 31.99 | -13.94 | -22.33 | 26.32           | 0.5285 | -1.0279 | 238.0           | 16 480                          | 35 579                          |      |
| -1 544c                         | 28 545                          | 36.65 | -16.86 | -20.82 | 26.8            | 0.504  | -0.8982 | 230.9           | 16 481                          | 36 581                          |      |
| -1 549c                         | 29 550                          | 41.44 | -19.56 | -19.26 | 27.45           | 0.4922 | -0.7949 | 224.5           | 16 483                          | 36 583                          |      |
| -1 554c                         | 30 555                          | 46.27 | -21.93 | -17.68 | 28.17           | 0.4903 | -0.7122 | 218.8           | 16 484                          | 37 585                          |      |
| -1 560c                         | 32 560                          | 55.72 | -25.38 | -14.58 | 29.27           | 0.5087 | -0.5917 | 209.8           | 17 486                          | 38 590                          |      |
| 380                             | 770                             | 100.0 | 0.0    | 0.0    | 0.01            | 0.9642 | -0.3299 | 0.0             |                                 |                                 |      |

0-000130-L0

BG320-7N\_16

TUB-Prüfvorlage BG32; CIE (x, y) und Buntwerte (A<sub>i</sub>, B<sub>i</sub>)Ostwald-Optimalfarben für Lichtart D50; Diagramm für Lichtart D50, Y<sub>w</sub>=100

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0-000130-F0

C

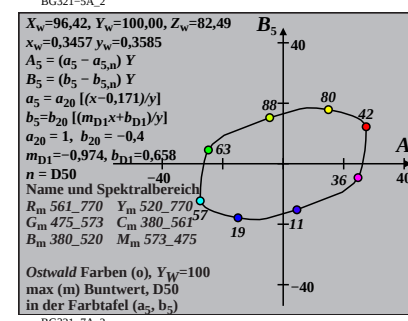
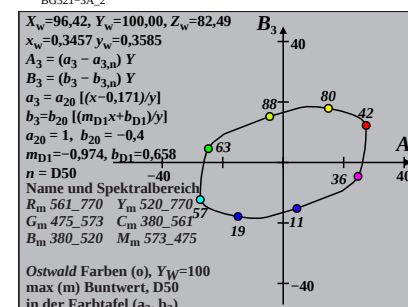
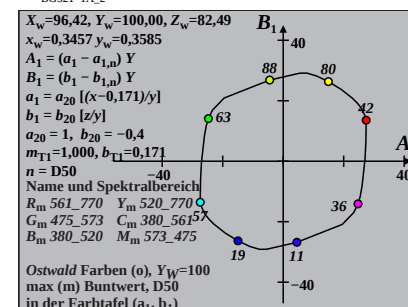
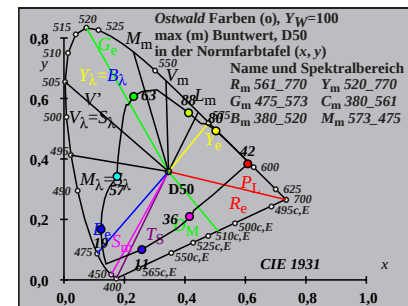
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Y

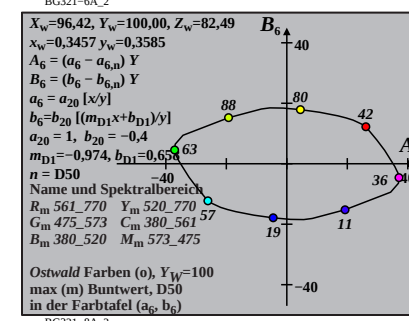
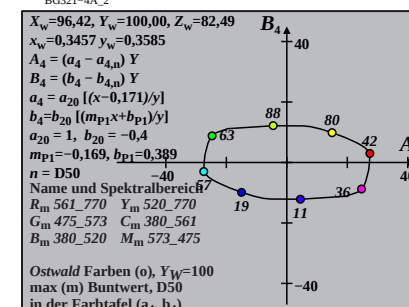
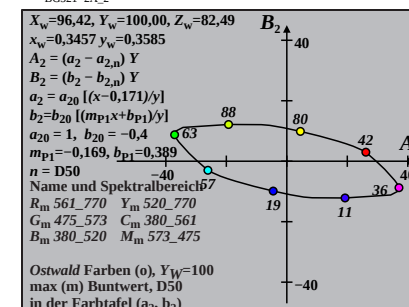
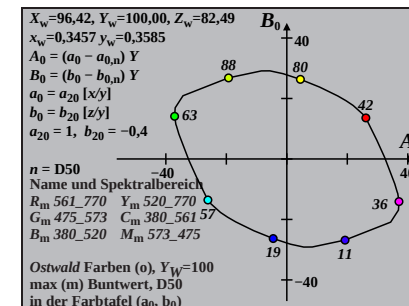
O

L

V



BG321-7A\_2

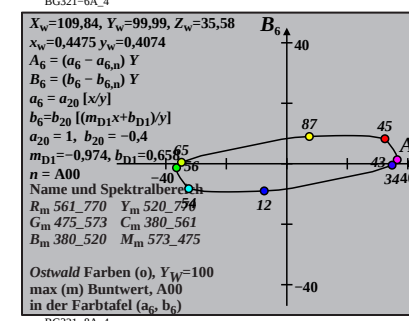
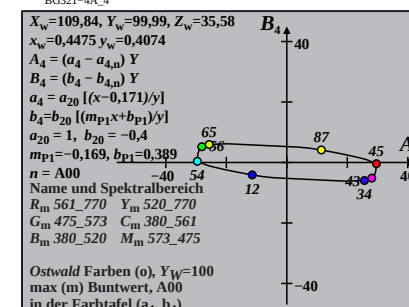
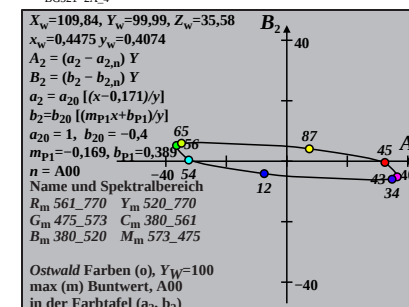
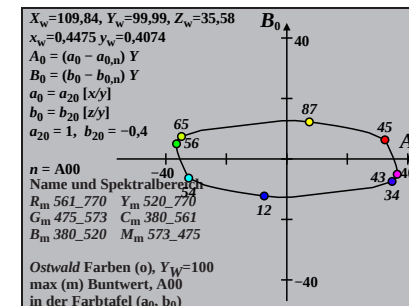
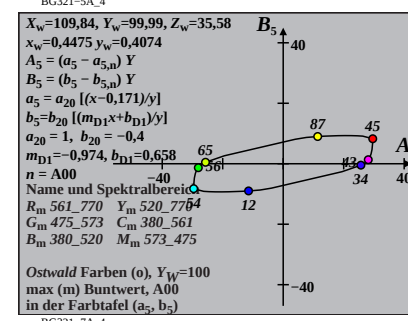
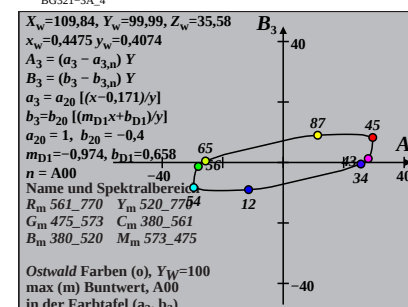
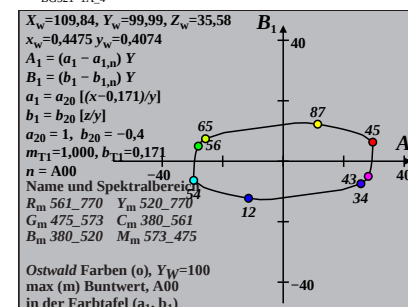
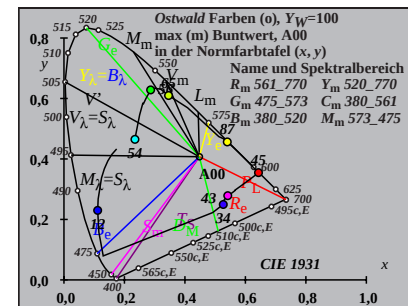


BG321-7A\_2

Eingabe: w/rgb/cmyk  $\rightarrow$  rgb

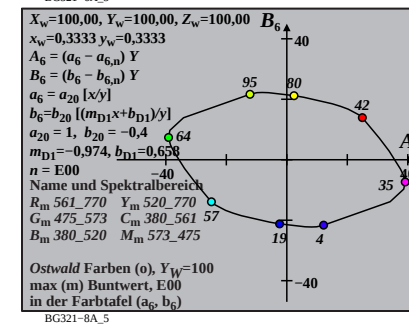
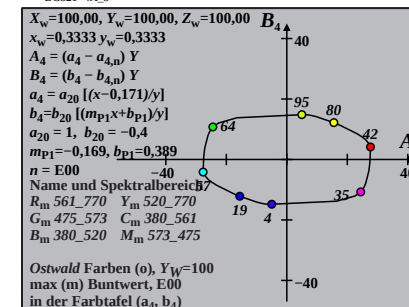
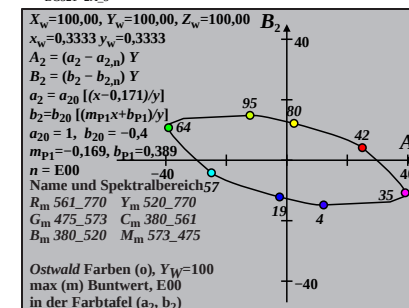
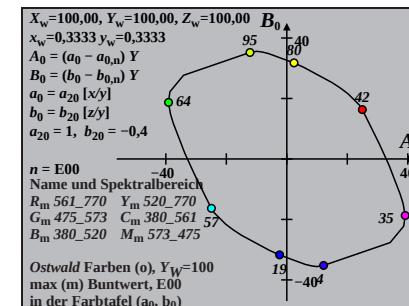
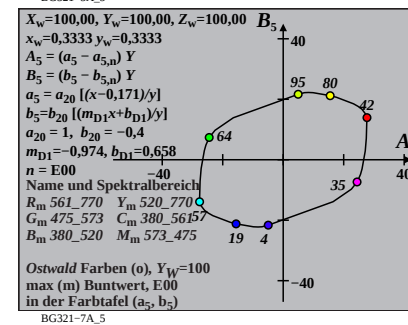
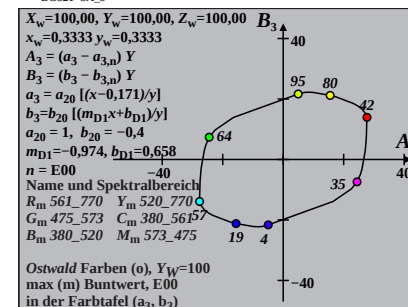
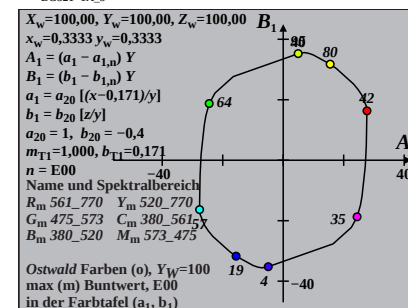
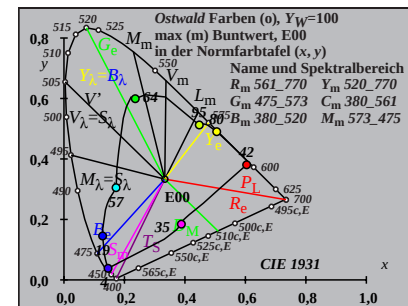
**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für A00, Y<sub>w</sub>=100, Y<sub>m</sub>=520\_770**

| 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  | 54.67 | -32.45          | -6.33  | 33.06   | 0.5048          | -0.2581                         | 191.0                           | 18 494 39 599 Cm   |
| 6                               | 435                             | 34    | 574  | 54.85 | -33.42          | -4.41  | 33.71   | 0.4891          | -0.2227                         | 187.5                           | 19 496 42 611      |
| 9                               | 450                             | 34    | 574  | 55.12 | -34.79          | -1.48  | 34.82   | 0.4673          | -0.1692                         | 182.4                           | 20 501 -1 501c     |
| 12                              | 460                             | 35    | 575  | 55.33 | -36.07          | 1.97   | 36.12   | 0.4465          | -0.1066                         | 176.8                           | 21 508 -1 508c     |
| 13                              | 465                             | 35    | 575  | 55.6  | -36.34          | 3.09   | 36.47   | 0.4448          | -0.0866                         | 175.1                           | 22 512 -1 512c     |
| 13                              | 470                             | 35    | 576  | 56.26 | -36.37          | 3.18   | 36.51   | 0.452           | -0.0856                         | 174.9                           | 22 513 -1 513c     |
| 14                              | 475                             | 35    | 577  | 57.11 | -36.53          | 4.26   | 36.78   | 0.4587          | -0.0677                         | 173.3                           | 23 519 -1 519c Gm  |
| 16                              | 480                             | 35    | 579  | 58.19 | -36.35          | 5.87   | 36.82   | 0.4738          | -0.0414                         | 170.8                           | 26 532 -1 532c     |
| 17                              | 485                             | 36    | 582  | 60.55 | -35.75          | 6.72   | 36.38   | 0.5079          | -0.0312                         | 169.3                           | 28 540 -1 540c     |
| 18                              | 490                             | 37    | 588  | 64.98 | -34.21          | 7.77   | 35.08   | 0.572           | -0.0226                         | 167.1                           | 29 548 -1 548c max |
| 19                              | 495                             | 40    | 601  | 74.48 | -28.33          | 9.45   | 29.86   | 0.718           | -0.0153                         | 161.5                           | 31 559 -1 559c     |
| 20                              | 500                             | -1    | 500c | 95.67 | -0.63           | 12.74  | 12.76   | 1.0918          | -0.0091                         | 92.8                            | 35 576 13 469      |
| 21                              | 510                             | -1    | 509c | 94.31 | 0.84            | 12.77  | 12.8    | 1.1074          | -0.0069                         | 86.2                            | 35 576 14 472      |
| 24                              | 520                             | -1    | 520c | 87.81 | 7.47            | 12.23  | 14.33   | 1.1836          | -0.003                          | 58.5                            | 35 579 16 480 Ym   |
| 26                              | 530                             | -1    | 530c | 81.5  | 13.16           | 11.46  | 17.45   | 1.26            | -0.0017                         | 41.0                            | 36 582 16 484      |
| 28                              | 540                             | -1    | 540c | 73.92 | 19.16           | 10.44  | 21.82   | 1.3576          | -0.001                          | 28.6                            | 37 585 17 487      |
| 28                              | 545                             | -1    | 544c | 73.92 | 19.16           | 10.44  | 21.82   | 1.3576          | -0.001                          | 28.6                            | 37 585 17 487      |
| 29                              | 550                             | -1    | 549c | 69.75 | 22.06           | 9.87   | 24.17   | 1.4148          | -0.0007                         | 24.1                            | 37 586 17 489      |
| 31                              | 555                             | -1    | 555c | 60.83 | 27.26           | 8.62   | 28.59   | 1.5466          | -0.0005                         | 17.5                            | 38 590 18 491      |
| 32                              | 560                             | -1    | 560c | 56.18 | 29.36           | 7.96   | 30.43   | 1.6212          | -0.0004                         | 15.1                            | 38 593 18 492      |
| 34                              | 574                             | 1     | 405  | 45.32 | 32.45           | 6.33   | 33.06   | 1.8145          | -0.0026                         | 11.0                            | 39 599 18 494 Rm   |
| 34                              | 574                             | 6     | 435  | 45.14 | 33.42           | 4.41   | 33.71   | 1.8389          | -0.0445                         | 7.5                             | 42 611 19 496      |
| 34                              | 574                             | 9     | 450  | 44.87 | 34.79           | 1.48   | 34.82   | 1.8738          | -0.1092                         | 2.4                             | -1 501c 20 501     |
| 35                              | 575                             | 12    | 460  | 44.66 | 36.07           | -1.97  | 36.12   | 1.906           | -0.1865                         | 356.8                           | -1 508c 21 508     |
| 35                              | 575                             | 13    | 465  | 44.39 | 36.34           | -3.09  | 36.47   | 1.9171          | -0.212                          | 355.1                           | -1 512c 22 512     |
| 35                              | 576                             | 13    | 470  | 43.73 | 36.37           | -3.18  | 36.51   | 1.9302          | -0.2152                         | 354.9                           | -1 513c 22 513     |
| 35                              | 577                             | 14    | 475  | 42.88 | 36.53           | -4.26  | 36.78   | 1.9503          | -0.2416                         | 353.3                           | -1 519c 23 519 Mm  |
| 35                              | 579                             | 16    | 480  | 41.8  | 36.35           | -5.87  | 36.82   | 1.9681          | -0.2827                         | 350.8                           | -1 532c 26 532     |
| 36                              | 582                             | 17    | 485  | 39.44 | 35.75           | -6.72  | 36.38   | 2.005           | -0.3129                         | 349.3                           | -1 540c 28 540     |
| 37                              | 588                             | 18    | 490  | 35.01 | 34.21           | -7.77  | 35.08   | 2.0756          | -0.3644                         | 347.1                           | -1 548c 29 548 min |
| 40                              | 601                             | 19    | 495  | 25.51 | 28.33           | -9.45  | 29.86   | 2.2087          | -0.5129                         | 341.5                           | -1 559c 31 559     |
| -1                              | 500c                            | 20    | 500  | 4.32  | 0.63            | -12.74 | 12.76   | 1.2447          | -3.0904                         | 272.8                           | 13 469 35 576      |
| -1                              | 509c                            | 21    | 510  | 5.68  | -0.84           | -12.77 | 12.8    | 0.9493          | -2.3881                         | 266.2                           | 14 472 35 576      |
| -1                              | 520c                            | 24    | 520  | 12.18 | -7.47           | -12.23 | 14.33   | 0.485           | -1.146                          | 238.5                           | 16 480 35 579 Bm   |
| -1                              | 530c                            | 26    | 530  | 18.49 | -13.16          | -11.46 | 17.45   | 0.3863          | -0.7621                         | 221.0                           | 16 484 36 582      |
| -1                              | 540c                            | 28    | 540  | 26.07 | -19.16          | -10.44 | 21.82   | 0.3634          | -0.543                          | 208.6                           | 17 487 37 585      |
| -1                              | 544c                            | 28    | 545  | 26.07 | -19.16          | -10.44 | 21.82   | 0.3634          | -0.543                          | 208.6                           | 17 487 37 585      |
| -1                              | 549c                            | 29    | 550  | 30.24 | -22.06          | -9.87  | 24.17   | 0.3688          | -0.4687                         | 204.1                           | 17 489 37 586      |
| -1                              | 555c                            | 31    | 555  | 39.16 | -27.26          | -8.62  | 28.59   | 0.4022          | -0.3625                         | 197.5                           | 18 491 38 590      |
| -1                              | 560c                            | 32    | 560  | 43.81 | -29.37          | -7.96  | 30.43   | 0.4281          | -0.3242                         | 195.1                           | 18 492 38 593      |
| 380                             | 770                             | 99.99 | 0.0  | 0.0   | 0.01            | 1.0984 | -0.1423 | 0.0             |                                 |                                 |                    |



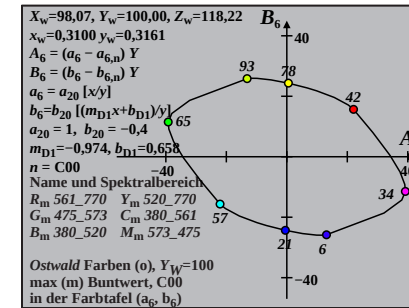
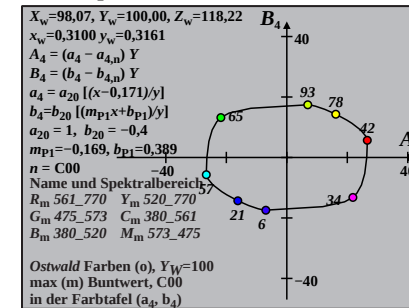
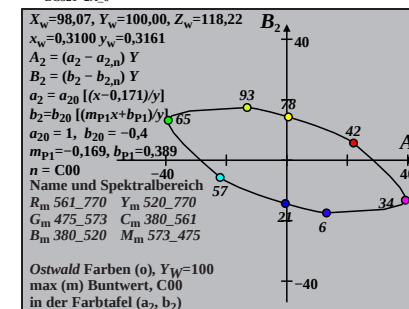
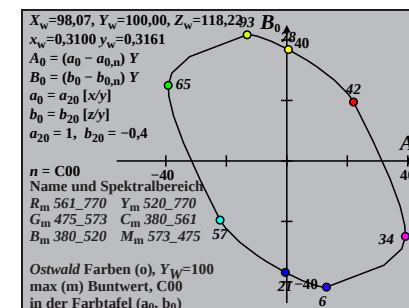
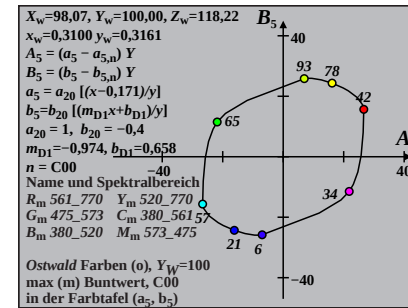
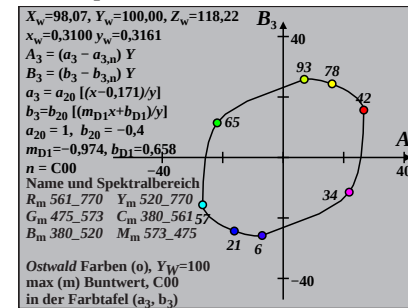
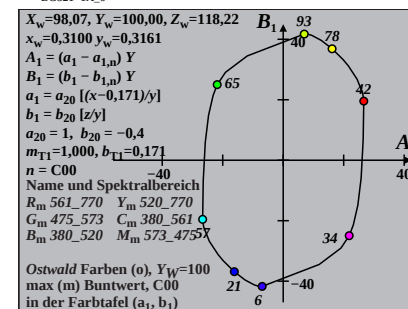
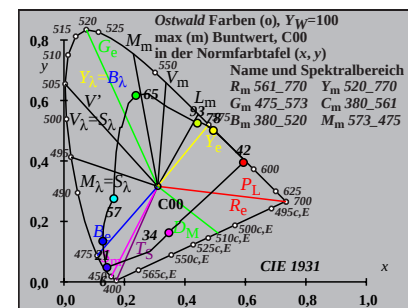
**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für E00, Y<sub>w</sub>=100, Y<sub>m</sub>=520\_770**

| 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                          | 57.42 | -24.95 | -16.34 | 29.83           | 0.5653 | -0.6846 | 213.2           | 16 484                          | 38 592                          | Cm   |
| 6 435                           | 33 565                          | 57.91 | -29.14 | -7.99  | 30.22           | 0.4967 | -0.538  | 195.3           | 17 488                          | 45 627                          |      |
| 10 450                          | 33 566                          | 58.44 | -35.13 | 5.29   | 35.53           | 0.3988 | -0.3094 | 171.4           | 19 498                          | -1 498c                         |      |
| 12 460                          | 33 568                          | 59.28 | -37.54 | 11.81  | 39.35           | 0.3666 | -0.2007 | 162.5           | 21 507                          | -1 507c                         |      |
| 13 465                          | 33 569                          | 60.14 | -38.45 | 14.78  | 41.19           | 0.3606 | -0.1541 | 158.9           | 22 514                          | -1 514c                         |      |
| 14 470                          | 34 571                          | 61.52 | -38.94 | 17.52  | 42.7            | 0.367  | -0.1152 | 155.7           | 24 522                          | -1 522c                         |      |
| 14 475                          | 35 575                          | 64.53 | -39.14 | 18.72  | 43.38           | 0.3934 | -0.1099 | 154.4           | 25 525                          | -1 525c                         | Gm   |
| 16 480                          | 36 581                          | 68.21 | -38.3  | 23.26  | 44.81           | 0.4385 | -0.0589 | 148.7           | 27 538                          | -1 538c                         |      |
| 17 485                          | 39 595                          | 76.7  | -34.16 | 27.66  | 43.96           | 0.5546 | -0.0393 | 140.9           | 29 549                          | -1 549c                         |      |
| 18 490                          | -1 490c                         | 94.54 | -11.19 | 35.56  | 37.28           | 0.8815 | -0.0238 | 107.4           | 33 568                          | 11 459                          | max  |
| 19 495                          | -1 495c                         | 93.18 | -9.88  | 35.6   | 36.94           | 0.8939 | -0.0179 | 105.5           | 33 568                          | 12 461                          |      |
| 19 500                          | -1 499c                         | 93.18 | -9.88  | 35.6   | 36.94           | 0.8939 | -0.0179 | 105.5           | 33 568                          | 12 461                          |      |
| 22 510                          | -1 510c                         | 86.74 | -3.57  | 34.08  | 34.26           | 0.9587 | -0.0071 | 95.9            | 34 571                          | 13 469                          |      |
| 24 520                          | -1 520c                         | 80.14 | 2.4    | 31.74  | 31.83           | 1.0299 | -0.0038 | 85.6            | 34 574                          | 14 473                          | Ym   |
| 26 530                          | -1 530c                         | 72.11 | 8.87   | 28.69  | 30.03           | 1.123  | -0.0021 | 72.8            | 35 577                          | 15 477                          |      |
| 28 540                          | -1 540c                         | 63.21 | 15.04  | 25.21  | 29.35           | 1.2379 | -0.0011 | 59.1            | 36 581                          | 15 479                          |      |
| 29 545                          | -1 545c                         | 58.59 | 17.8   | 23.38  | 29.39           | 1.3039 | -0.0009 | 52.7            | 36 583                          | 16 480                          |      |
| 29 550                          | -1 549c                         | 58.59 | 17.8   | 23.38  | 29.39           | 1.3039 | -0.0009 | 52.7            | 36 583                          | 16 480                          |      |
| 30 555                          | -1 554c                         | 53.92 | 20.26  | 21.53  | 29.56           | 1.3757 | -0.0007 | 46.7            | 37 585                          | 16 482                          |      |
| 32 560                          | -1 560c                         | 44.64 | 23.98  | 17.83  | 29.88           | 1.5372 | -0.0005 | 36.6            | 38 590                          | 16 483                          |      |
| 32 564                          | 1 405                           | 42.57 | 24.95  | 16.34  | 29.83           | 1.5862 | -0.0161 | 33.2            | 38 592                          | 16 484                          | Rm   |
| 33 565                          | 6 435                           | 42.08 | 29.14  | 7.99   | 30.22           | 1.6926 | -0.21   | 15.3            | 45 627                          | 17 488                          |      |
| 33 566                          | 10 450                          | 41.55 | 35.13  | -5.29  | 35.53           | 1.8456 | -0.5273 | 351.4           | -1 498c                         | 19 498                          |      |
| 33 568                          | 12 460                          | 40.71 | 37.54  | -11.81 | 39.35           | 1.9221 | -0.6901 | 342.5           | -1 507c                         | 21 507                          |      |
| 33 569                          | 13 465                          | 39.85 | 38.45  | -14.78 | 41.19           | 1.9647 | -0.771  | 338.9           | -1 514c                         | 22 514                          |      |
| 34 571                          | 14 470                          | 38.47 | 38.94  | -17.52 | 42.7            | 2.0122 | -0.8553 | 335.7           | -1 522c                         | 24 522                          |      |
| 35 575                          | 14 475                          | 35.46 | 39.14  | -18.72 | 43.38           | 2.1036 | -0.9278 | 334.4           | -1 525c                         | 25 525                          | Mm   |
| 36 581                          | 16 480                          | 31.78 | 38.3   | -23.26 | 44.81           | 2.2051 | -1.132  | 328.7           | -1 538c                         | 27 538                          |      |
| 39 595                          | 17 485                          | 23.29 | 34.16  | -27.66 | 43.96           | 2.4665 | -1.5876 | 320.9           | -1 549c                         | 29 549                          |      |
| -1 490c                         | 18 490                          | 5.45  | 11.19  | -35.56 | 37.28           | 3.0513 | -6.9152 | 287.4           | 11 459                          | 33 568                          | min  |
| -1 495c                         | 19 495                          | 6.81  | 9.88   | -35.6  | 36.94           | 2.4491 | -5.6211 | 285.5           | 12 461                          | 33 568                          |      |
| -1 499c                         | 19 500                          | 6.81  | 9.88   | -35.6  | 36.94           | 2.4491 | -5.6211 | 285.5           | 12 461                          | 33 568                          |      |
| -1 510c                         | 22 510                          | 13.25 | 3.57   | -34.08 | 34.26           | 1.2699 | -2.9707 | 275.9           | 13 469                          | 34 571                          |      |
| -1 520c                         | 24 520                          | 19.85 | -2.4   | -31.74 | 31.83           | 0.879  | -1.9985 | 265.6           | 14 473                          | 34 574                          | Bm   |
| -1 530c                         | 26 530                          | 27.88 | -8.87  | -28.69 | 30.03           | 0.6818 | -1.4288 | 252.8           | 15 477                          | 35 577                          |      |
| -1 540c                         | 28 540                          | 36.78 | -15.04 | -25.21 | 29.35           | 0.591  | -1.0854 | 239.1           | 15 479                          | 36 581                          |      |
| -1 545c                         | 29 545                          | 41.4  | -17.8  | -23.38 | 29.39           | 0.5699 | -0.9647 | 232.7           | 16 480                          | 36 583                          |      |
| -1 549c                         | 29 550                          | 41.4  | -17.8  | -23.38 | 29.39           | 0.5699 | -0.9647 | 232.7           | 16 480                          | 36 583                          |      |
| -1 554c                         | 30 555                          | 46.07 | -20.26 | -21.53 | 29.56           | 0.5601 | -0.8673 | 226.7           | 16 482                          | 37 585                          |      |
| -1 560c                         | 32 560                          | 55.35 | -23.98 | -17.83 | 29.88           | 0.5668 | -0.7221 | 216.6           | 16 483                          | 38 590                          |      |
| 380                             | 770                             | 100.0 | 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>=100, 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                          | 57.68 | -22.06 | -19.53 | 29.46           | 0.5982 | -0.8115 | 221.5           | 16 482                          | 37 589                          | Cm   |
| 6 435                           | 32 563                          | 58.35 | -26.63 | -10.46 | 28.61           | 0.5242 | -0.6521 | 201.4           | 17 486                          | 42 612                          |      |
| 10 450                          | 32 564                          | 59.09 | -34.15 | 5.95   | 34.66           | 0.4027 | -0.3721 | 170.1           | 19 496                          | -1 496c                         |      |
| 11 460                          | 33 566                          | 60.53 | -35.97 | 10.59  | 37.5            | 0.3865 | -0.2979 | 163.5           | 20 501                          | -1 501c                         |      |
| 13 465                          | 33 568                          | 61.21 | -38.26 | 17.87  | 42.23           | 0.3556 | -0.1808 | 154.9           | 22 513                          | -1 513c                         |      |
| 14 470                          | 34 570                          | 62.96 | -39.0  | 21.41  | 44.49           | 0.3611 | -0.1328 | 151.2           | 24 522                          | -1 522c                         |      |
| 15 475                          | 35 575                          | 65.92 | -39.2  | 24.97  | 46.47           | 0.3861 | -0.0941 | 147.4           | 26 530                          | -1 530c                         | Gm   |
| 16 480                          | 36 582                          | 71.08 | -38.02 | 29.06  | 47.86           | 0.4457 | -0.064  | 142.6           | 28 540                          | -1 540c                         |      |
| 16 485                          | 40 602                          | 82.56 | -32.13 | 34.48  | 47.13           | 0.5915 | -0.0552 | 132.9           | 30 551                          | -1 551c                         |      |
| 18 490                          | -1 490c                         | 93.33 | -13.13 | 41.73  | 43.75           | 0.8399 | -0.0257 | 107.4           | 33 566                          | 11 459                          | max  |
| 19 495                          | -1 495c                         | 91.77 | -11.66 | 41.66  | 43.26           | 0.8536 | -0.0188 | 105.6           | 33 567                          | 12 462                          |      |
| 19 500                          | -1 499c                         | 91.77 | -11.66 | 41.66  | 43.26           | 0.8536 | -0.0188 | 105.6           | 33 567                          | 12 462                          |      |
| 21 510                          | -1 509c                         | 87.66 | -7.68  | 40.59  | 41.31           | 0.893  | -0.0098 | 100.7           | 33 568                          | 13 466                          |      |
| 24 520                          | -1 520c                         | 78.6  | 0.51   | 36.85  | 36.86           | 0.9872 | -0.0039 | 89.2            | 34 572                          | 14 472                          | Ym   |
| 26 530                          | -1 530c                         | 70.68 | 6.73   | 33.27  | 33.94           | 1.076  | -0.0021 | 78.5            | 35 575                          | 15 475                          |      |
| 28 540                          | -1 540c                         | 61.57 | 12.87  | 29.04  | 31.76           | 1.1898 | -0.0012 | 66.0            | 35 579                          | 15 478                          |      |
| 28 545                          | -1 544c                         | 61.57 | 12.87  | 29.04  | 31.76           | 1.1898 | -0.0012 | 66.0            | 35 579                          | 15 478                          |      |
| 29 550                          | -1 549c                         | 56.72 | 15.68  | 26.77  | 31.02           | 1.2572 | -0.0009 | 59.6            | 36 581                          | 15 479                          |      |
| 31 555                          | -1 555c                         | 46.84 | 20.29  | 22.12  | 30.01           | 1.4138 | -0.0006 | 47.4            | 37 586                          | 16 481                          |      |
| 31 560                          | -1 559c                         | 46.84 | 20.29  | 22.12  | 30.01           | 1.4138 | -0.0006 | 47.4            | 37 586                          | 16 481                          |      |
| 32 562                          | 1 405                           | 42.31 | 22.06  | 19.53  | 29.46           | 1.502  | -0.0112 | 41.5            | 37 589                          | 16 482                          | Rm   |
| 32 563                          | 6 435                           | 41.64 | 26.63  | 10.46  | 28.61           | 1.6203 | -0.2217 | 21.4            | 42 612                          | 17 486                          |      |
| 32 564                          | 10 450                          | 40.9  | 34.15  | -5.95  | 34.66           | 1.8156 | -0.6185 | 350.1           | -1 496c                         | 19 496                          |      |
| 33 566                          | 11 460                          | 39.46 | 35.97  | -10.59 | 37.49           | 1.8923 | -0.7413 | 343.5           | -1 501c                         | 20 501                          |      |
| 33 568                          | 13 465                          | 38.78 | 38.26  | -17.87 | 42.23           | 1.9672 | -0.9337 | 334.9           | -1 513c                         | 22 513                          |      |
| 34 570                          | 14 470                          | 37.03 | 39.0   | -21.41 | 44.49           | 2.0339 | -1.051  | 331.2           | -1 522c                         | 24 522                          |      |
| 35 575                          | 15 475                          | 34.07 | 39.2   | -24.97 | 46.47           | 2.1312 | -1.2058 | 327.4           | -1 530c                         | 26 530                          | Mm   |
| 36 582                          | 16 480                          | 28.91 | 38.02  | -29.06 | 47.86           | 2.2957 | -1.4779 | 322.6           | -1 540c                         | 28 540                          |      |
| 40 602                          | 16 485                          | 17.43 | 32.13  | -34.48 | 47.13           | 2.8233 | -2.4505 | 312.9           | -1 551c                         | 30 551                          |      |
| -1 490c                         | 18 490                          | 6.66  | 13.13  | -41.73 | 43.74           | 2.9514 | -6.7332 | 287.4           | 11 459                          | 33 566                          | min  |
| -1 495c                         | 19 495                          | 8.22  | 11.65  | -41.66 | 43.26           | 2.3981 | -5.5382 | 285.6           | 12 462                          | 33 567                          |      |
| -1 499c                         | 19 500                          | 8.22  | 11.65  | -41.66 | 43.26           | 2.3981 | -5.5382 | 285.6           | 12 462                          | 33 567                          |      |
| -1 509c                         | 21 510                          | 12.33 | 7.68   | -40.59 | 41.31           | 1.6036 | -3.7648 | 280.7           | 13 466                          | 33 568                          |      |
| -1 520c                         | 24 520                          | 21.39 | -0.51  | -36.85 | 36.86           | 0.9567 | -2.1957 | 269.2           | 14 472                          | 34 572                          | Bm   |
| -1 530c                         | 26 530                          | 29.31 | -6.73  | -33.27 | 33.94           | 0.7508 | -1.608  | 258.5           | 15 475                          | 35 575                          |      |
| -1 540c                         | 28 540                          | 38.42 | -12.87 | -29.04 | 31.76           | 0.6456 | -1.2287 | 246.0           | 15 478                          | 35 579                          |      |
| -1 544c                         | 28 545                          | 38.42 | -12.87 | -29.04 | 31.76           | 0.6456 | -1.2287 | 246.0           | 15 478                          | 35 579                          |      |
| -1 549c                         | 29 550                          | 43.27 | -15.68 | -26.77 | 31.02           | 0.6183 | -1.0915 | 239.6           | 15 479                          | 36 581                          |      |
| -1 555c                         | 31 555                          | 53.15 | -20.29 | -22.12 | 30.01           | 0.5989 | -0.889  | 227.4           | 16 481                          | 37 586                          |      |
| -1 559c                         | 31 560                          | 53.15 | -20.29 | -22.12 | 30.01           | 0.5989 | -0.889  | 227.4           | 16 481                          | 37 586                          |      |
| 380                             | 770                             | 100.0 | 0.0    | 0.0    | 0.01            | 0.9807 | -0.4729 | 0.0             |                                 |                                 |      |

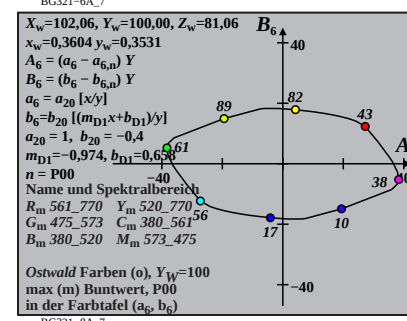
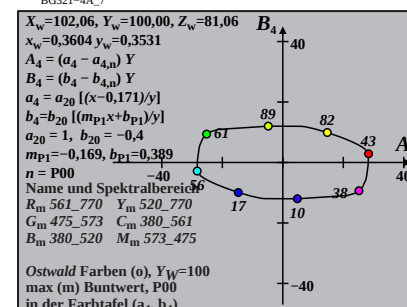
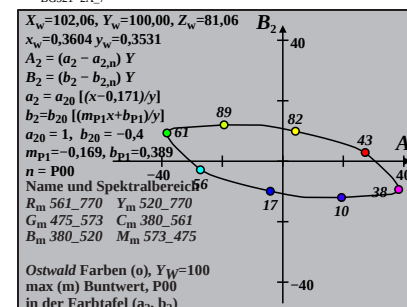
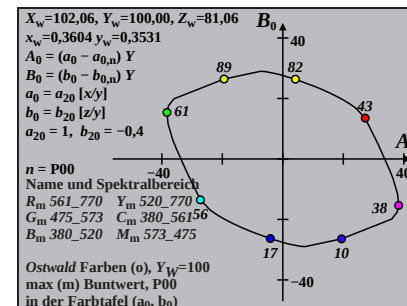
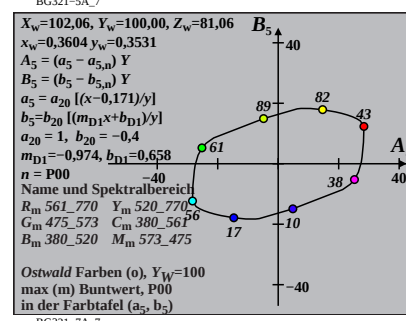
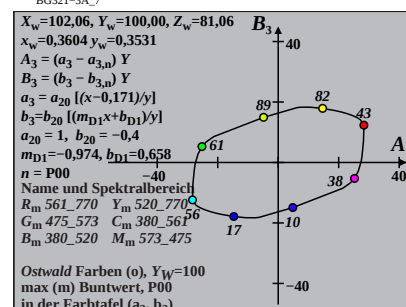
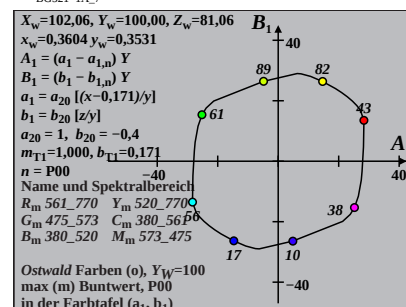
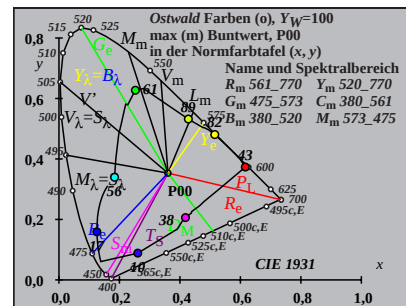


**Ostwald-Optimalfarben (o) von maximalem (m) C<sub>AB</sub> für P00, Y<sub>w</sub>=100, Y<sub>m</sub>=520\_770**

| 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  | 56.81 | -27.23          | -13.5  | 30.39   | 0.5413          | -0.5619                         | 206.3                           | 17 486 38 594 Cm   |
| 7                               | 435                             | 33    | 567  | 57.13 | -31.57          | -4.72  | 31.93   | 0.4679          | -0.407                          | 188.5                           | 18 491 -1 491c     |
| 10                              | 450                             | 33    | 568  | 57.64 | -35.18          | 3.35   | 35.34   | 0.4103          | -0.2659                         | 174.5                           | 19 499 -1 499c     |
| 12                              | 460                             | 34    | 570  | 58.3  | -37.15          | 8.65   | 38.14   | 0.3834          | -0.1758                         | 166.8                           | 21 507 -1 507c     |
| 13                              | 465                             | 34    | 571  | 58.95 | -37.79          | 11.05  | 39.37   | 0.3796          | -0.1366                         | 163.6                           | 22 513 -1 513c     |
| 13                              | 470                             | 34    | 572  | 60.46 | -37.94          | 11.54  | 39.66   | 0.3931          | -0.1332                         | 163.0                           | 23 515 -1 515c     |
| 15                              | 475                             | 35    | 575  | 61.97 | -38.31          | 15.35  | 41.28   | 0.4024          | -0.0765                         | 158.1                           | 25 529 -1 529c Gm  |
| 16                              | 480                             | 36    | 580  | 65.35 | -37.8           | 17.59  | 41.69   | 0.4422          | -0.055                          | 155.0                           | 27 537 -1 537c     |
| 17                              | 485                             | 37    | 589  | 71.71 | -35.37          | 20.53  | 40.9    | 0.5273          | -0.0379                         | 149.8                           | 29 547 -1 547c     |
| 18                              | 490                             | 45    | 625  | 88.93 | -18.56          | 26.78  | 32.58   | 0.8119          | -0.023                          | 124.7                           | 32 564 -1 564c max |
| 18                              | 495                             | -1    | 494c | 95.36 | -8.56           | 28.86  | 30.11   | 0.9308          | -0.0215                         | 106.5                           | 34 570 12 460      |
| 20                              | 500                             | -1    | 500c | 92.62 | -5.82           | 28.9   | 29.48   | 0.9577          | -0.0121                         | 101.3                           | 34 571 13 465      |
| 22                              | 510                             | -1    | 510c | 88.31 | -1.53           | 28.05  | 28.09   | 1.0033          | -0.0066                         | 93.1                            | 34 573 14 470      |
| 24                              | 520                             | -1    | 520c | 82.18 | 4.14            | 26.34  | 26.67   | 1.0711          | -0.0036                         | 81.0                            | 35 575 14 474 Ym   |
| 25                              | 530                             | -1    | 529c | 78.53 | 7.26            | 25.25  | 26.27   | 1.1131          | -0.0027                         | 73.9                            | 35 577 15 476      |
| 28                              | 540                             | -1    | 540c | 66.0  | 16.54           | 21.32  | 26.99   | 1.2713          | -0.0011                         | 52.1                            | 36 582 16 481      |
| 28                              | 545                             | -1    | 544c | 66.0  | 16.54           | 21.32  | 26.99   | 1.2713          | -0.0011                         | 52.1                            | 36 582 16 481      |
| 30                              | 550                             | -1    | 550c | 56.88 | 21.86           | 18.4   | 28.57   | 1.4049          | -0.0007                         | 40.0                            | 37 586 16 483      |
| 30                              | 555                             | -1    | 554c | 56.88 | 21.86           | 18.4   | 28.57   | 1.4049          | -0.0007                         | 40.0                            | 37 586 16 483      |
| 32                              | 560                             | -1    | 560c | 47.6  | 25.76           | 15.41  | 30.02   | 1.5618          | -0.0005                         | 30.8                            | 38 591 17 485      |
| 33                              | 567                             | 1     | 405  | 43.18 | 27.23           | 13.5   | 30.39   | 1.6513          | -0.0115                         | 26.3                            | 38 594 17 486 Rm   |
| 33                              | 567                             | 7     | 435  | 42.86 | 31.57           | 4.72   | 31.93   | 1.7574          | -0.2139                         | 8.5                             | -1 491c 18 491     |
| 33                              | 568                             | 10    | 450  | 42.35 | 35.18           | -3.35  | 35.34   | 1.8513          | -0.4035                         | 354.5                           | -1 499c 19 499     |
| 34                              | 570                             | 12    | 460  | 41.69 | 37.15           | -8.65  | 38.14   | 1.9116          | -0.5317                         | 346.8                           | -1 507c 21 507     |
| 34                              | 571                             | 13    | 465  | 41.04 | 37.79           | -11.05 | 39.37   | 1.9414          | -0.5937                         | 343.6                           | -1 513c 22 513     |
| 34                              | 572                             | 13    | 470  | 39.53 | 37.94           | -11.54 | 39.66   | 1.9803          | -0.6163                         | 343.0                           | -1 515c 23 515     |
| 35                              | 575                             | 15    | 475  | 38.02 | 38.31           | -15.35 | 41.28   | 2.0285          | -0.728                          | 338.1                           | -1 529c 25 529 Mm  |
| 36                              | 580                             | 16    | 480  | 34.64 | 37.8            | -17.59 | 41.69   | 2.1119          | -0.8322                         | 335.0                           | -1 537c 27 537     |
| 37                              | 589                             | 17    | 485  | 28.28 | 35.37           | -20.53 | 40.9    | 2.2712          | -1.05                           | 329.8                           | -1 547c 29 547     |
| 45                              | 625                             | 18    | 490  | 11.06 | 18.56           | -26.78 | 32.58   | 2.6987          | -2.7452                         | 304.7                           | -1 564c 32 564 min |
| -1                              | 494c                            | 18    | 495  | 4.63  | 8.56            | -28.86 | 30.11   | 2.8709          | -6.5585                         | 286.5                           | 12 460 34 570      |
| -1                              | 500c                            | 20    | 500  | 7.37  | 5.82            | -28.9  | 29.48   | 1.8106          | -4.2445                         | 281.3                           | 13 465 34 571      |
| -1                              | 510c                            | 22    | 510  | 11.68 | 1.53            | -28.05 | 28.09   | 1.1518          | -2.7253                         | 273.1                           | 14 470 34 573      |
| -1                              | 520c                            | 24    | 520  | 17.81 | -4.14           | -26.34 | 26.67   | 0.7878          | -1.8032                         | 261.0                           | 14 474 35 575 Bm   |
| -1                              | 529c                            | 25    | 530  | 21.46 | -7.26           | -25.25 | 26.27   | 0.6822          | -1.5008                         | 253.9                           | 15 476 35 577      |
| -1                              | 540c                            | 28    | 540  | 33.99 | -16.54          | -21.32 | 26.99   | 0.5338          | -0.9517                         | 232.1                           | 16 481 36 582      |
| -1                              | 544c                            | 28    | 545  | 33.99 | -16.54          | -21.32 | 26.99   | 0.5338          | -0.9517                         | 232.1                           | 16 481 36 582      |
| -1                              | 550c                            | 30    | 550  | 43.11 | -21.86          | -18.4  | 28.57   | 0.5135          | -0.7511                         | 220.0                           | 16 483 37 586      |
| -1                              | 554c                            | 30    | 555  | 43.11 | -21.86          | -18.4  | 28.57   | 0.5135          | -0.7511                         | 220.0                           | 16 483 37 586      |
| -1                              | 560c                            | 32    | 560  | 52.39 | -25.76          | -15.41 | 30.02   | 0.5288          | -0.6183                         | 210.8                           | 17 485 38 591      |
| 380                             | 770                             | 100.0 | 0.0  | 0.0   | 0.01            | 1.0206 | -0.3242 | 0.0             |                                 |                                 |                    |

TUB-Prüfvorlage BG32; 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>=100

Eingabe: w/rgb/cmyk -&gt; rgb



**Ostwald-Optimalfarben (o) von maximalem (m)  $C_{AB}$  für Q00,  $Y_w=100$ ,  $Y_m=520\_770$**

| $i_1, \lambda_1$ | $i_2, \lambda_2$ | Y     | A      | B      | $C_{AB}$ | a      | b       | $h_{ab}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ | Code |
|------------------|------------------|-------|--------|--------|----------|--------|---------|----------|------------------|------------------|------|
| 1 405            | 32 562           | 57.89 | -22.38 | -19.16 | 29.46    | 0.5925 | -0.8068 | 220.5    | 16 482           | 38 590           | Cm   |
| 7 435            | 32 562           | 58.38 | -29.44 | -4.98  | 29.86    | 0.475  | -0.5611 | 189.5    | 17 488           | -1 488c          |      |
| 10 450           | 32 564           | 59.19 | -34.99 | 7.32   | 35.75    | 0.3881 | -0.3521 | 168.1    | 19 497           | -1 497c          |      |
| 11 460           | 33 566           | 60.58 | -36.74 | 11.76  | 38.58    | 0.3728 | -0.2816 | 162.2    | 20 502           | -1 502c          |      |
| 12 465           | 33 568           | 61.7  | -38.14 | 15.8   | 41.28    | 0.3611 | -0.2196 | 157.4    | 21 508           | -1 508c          |      |
| 14 470           | 34 570           | 62.97 | -39.63 | 22.0   | 45.32    | 0.3499 | -0.1264 | 150.9    | 24 522           | -1 522c          |      |
| 15 475           | 35 575           | 65.9  | -39.82 | 25.39  | 47.22    | 0.3751 | -0.0905 | 147.4    | 26 530           | -1 530c          | Gm   |
| 16 480           | 36 582           | 71.11 | -38.67 | 29.38  | 48.57    | 0.4354 | -0.0625 | 142.7    | 27 539           | -1 539c          |      |
| 17 485           | 40 602           | 81.95 | -31.75 | 35.68  | 47.76    | 0.5918 | -0.0404 | 131.6    | 30 552           | -1 552c          |      |
| 17 490           | -1 489c          | 94.93 | -14.93 | 41.85  | 44.44    | 0.8219 | -0.0349 | 109.6    | 33 565           | 11 455           | max  |
| 18 495           | -1 494c          | 93.71 | -13.86 | 42.13  | 44.35    | 0.8314 | -0.0262 | 108.2    | 33 565           | 11 458           |      |
| 20 500           | -1 500c          | 90.31 | -10.6  | 41.67  | 42.99    | 0.8619 | -0.0144 | 104.2    | 33 567           | 12 463           |      |
| 21 510           | -1 509c          | 87.98 | -8.35  | 40.94  | 41.78    | 0.8843 | -0.0105 | 101.5    | 33 568           | 13 465           |      |
| 23 520           | -1 519c          | 81.84 | -2.67  | 38.48  | 38.57    | 0.9466 | -0.0056 | 93.9     | 34 571           | 14 470           | Ym   |
| 26 530           | -1 530c          | 69.63 | 7.21   | 32.97  | 33.76    | 1.0829 | -0.0022 | 77.6     | 35 576           | 15 475           |      |
| 27 540           | -1 539c          | 65.08 | 10.41  | 30.86  | 32.57    | 1.1393 | -0.0016 | 71.3     | 35 578           | 15 477           |      |
| 28 545           | -1 544c          | 60.41 | 13.41  | 28.67  | 31.66    | 1.2014 | -0.0012 | 64.9     | 36 580           | 15 478           |      |
| 29 550           | -1 549c          | 55.69 | 16.15  | 26.44  | 30.98    | 1.2693 | -0.0009 | 58.5     | 36 582           | 15 479           |      |
| 30 555           | -1 554c          | 50.96 | 18.54  | 24.21  | 30.49    | 1.3431 | -0.0007 | 52.5     | 36 584           | 16 480           |      |
| 31 560           | -1 559c          | 46.27 | 20.53  | 21.98  | 30.08    | 1.4231 | -0.0006 | 46.9     | 37 587           | 16 481           |      |
| 32 562           | 1 405            | 42.1  | 22.38  | 19.16  | 29.46    | 1.511  | -0.0207 | 40.5     | 38 590           | 16 482           | Rm   |
| 32 562           | 7 435            | 41.61 | 29.44  | 4.98   | 29.86    | 1.6868 | -0.3561 | 9.5      | -1 488c          | 17 488           |      |
| 32 564           | 10 450           | 40.8  | 34.99  | -7.32  | 35.75    | 1.8369 | -0.6552 | 348.1    | -1 497c          | 19 497           |      |
| 33 566           | 11 460           | 39.41 | 36.74  | -11.76 | 38.58    | 1.9117 | -0.7742 | 342.2    | -1 502c          | 20 502           |      |
| 33 568           | 12 465           | 38.29 | 38.14  | -15.8  | 41.28    | 1.9752 | -0.8885 | 337.4    | -1 508c          | 21 508           |      |
| 34 570           | 14 470           | 37.02 | 39.63  | -22.0  | 45.32    | 2.0496 | -1.07   | 330.9    | -1 522c          | 24 522           |      |
| 35 575           | 15 475           | 34.09 | 39.82  | -25.39 | 47.22    | 2.1473 | -1.2205 | 327.4    | -1 530c          | 26 530           | Mm   |
| 36 582           | 16 480           | 28.88 | 38.67  | -29.38 | 48.57    | 2.318  | -1.493  | 322.7    | -1 539c          | 27 539           |      |
| 40 602           | 17 485           | 18.04 | 31.75  | -35.68 | 47.76    | 2.739  | -2.4531 | 311.6    | -1 552c          | 30 552           |      |
| -1 489c          | 17 490           | 5.06  | 14.93  | -41.85 | 44.44    | 3.9292 | -8.7425 | 289.6    | 11 455           | 33 565           | min  |
| -1 494c          | 18 495           | 6.28  | 13.86  | -42.13 | 44.35    | 3.1842 | -7.1782 | 288.2    | 11 458           | 33 565           |      |
| -1 500c          | 20 500           | 9.68  | 10.6   | -41.66 | 42.99    | 2.0746 | -4.7793 | 284.2    | 12 463           | 33 567           |      |
| -1 509c          | 21 510           | 12.01 | 8.35   | -40.94 | 41.78    | 1.6748 | -3.8842 | 281.5    | 13 465           | 33 568           |      |
| -1 519c          | 23 520           | 18.15 | 2.67   | -38.48 | 38.57    | 1.1265 | -2.5962 | 273.9    | 14 470           | 34 571           | Bm   |
| -1 530c          | 26 530           | 30.36 | -7.21  | -32.97 | 33.76    | 0.7416 | -1.562  | 257.6    | 15 475           | 35 576           |      |
| -1 539c          | 27 540           | 34.91 | -10.41 | -30.86 | 32.57    | 0.6809 | -1.3598 | 251.3    | 15 477           | 35 578           |      |
| -1 544c          | 28 545           | 39.58 | -13.41 | -28.67 | 31.66    | 0.6402 | -1.2003 | 244.9    | 15 478           | 36 580           |      |
| -1 549c          | 29 550           | 44.3  | -16.15 | -26.44 | 30.98    | 0.6148 | -1.0727 | 238.5    | 15 479           | 36 582           |      |
| -1 554c          | 30 555           | 49.03 | -18.54 | -24.21 | 30.49    | 0.6011 | -0.9695 | 232.5    | 16 480           | 36 584           |      |
| -1 559c          | 31 560           | 53.72 | -20.53 | -21.98 | 30.08    | 0.5971 | -0.885  | 226.9    | 16 481           | 37 587           |      |
| 380              | 770              | 100.0 | 0.0    | 0.0    | 0.01     | 0.9793 | -0.4758 | 0.0      |                  |                  |      |

