

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für D50, Y <sub>w</sub> =100, Y <sub>m</sub> =520...770, CIELAB-Daten |                                 |       |         |        |        |        |         |                 |                                 |                                 |      |   |  |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|---------|--------|--------|--------|---------|-----------------|---------------------------------|---------------------------------|------|---|--|
| i, λ <sub>1</sub>                                                                                                                 | i <sub>2</sub> , λ <sub>2</sub> | L*100 | a*100   | b*100  | C*ab   | 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                          | 80.64 | -79.12  | -32.66 | 85.6   | 0.1753 | -0.0939 | 202.4           | 17 486                          | 38 592                          | Cm   | % |  |
| 7 435                                                                                                                             | 33 565                          | 80.84 | -92.99  | -16.32 | 94.41  | 0.1682 | -0.0862 | 189.9           | 18 490                          | 46 634                          | %    |   |  |
| 10 450                                                                                                                            | 33 566                          | 81.12 | -108.35 | 7.14   | 108.58 | 0.1604 | -0.0752 | 176.2           | 19 497                          | -1 497c                         | %    |   |  |
| 12 460                                                                                                                            | 33 567                          | 81.46 | -116.97 | 28.05  | 120.29 | 0.1561 | -0.0654 | 166.5           | 21 506                          | -1 506c                         | %    |   |  |
| 13 465                                                                                                                            | 33 568                          | 81.81 | -119.26 | 39.57  | 125.66 | 0.1552 | -0.0601 | 161.6           | 22 511                          | -1 511c                         | %    |   |  |
| 14 470                                                                                                                            | 34 570                          | 82.4  | -119.23 | 51.38  | 129.83 | 0.1555 | -0.0547 | 156.6           | 23 519                          | -1 519c                         | %    |   |  |
| 15 475                                                                                                                            | 34 573                          | 83.39 | -115.8  | 63.56  | 132.1  | 0.1579 | -0.0494 | 151.2           | 25 527                          | -1 527c                         | Gm   | % |  |
| 15 480                                                                                                                            | 35 578                          | 85.46 | -107.76 | 67.11  | 126.95 | 0.1631 | -0.0484 | 148.0           | 26 531                          | -1 531c                         | %    |   |  |
| 17 485                                                                                                                            | 37 587                          | 88.09 | -90.84  | 90.18  | 128.01 | 0.1796 | -0.039  | 135.2           | 28 544                          | -1 544c                         | %    |   |  |
| 18 490                                                                                                                            | 44 620                          | 95.17 | -39.39  | 110.34 | 117.16 | 0.1986 | -0.0333 | 109.6           | 32 561                          | -1 561c max                     | %    |   |  |
| 19 495                                                                                                                            | -1 495c                         | 97.49 | -13.34  | 121.9  | 122.63 | 0.2105 | -0.0295 | 96.2            | 33 568                          | 12 463                          | %    |   |  |
| 20 500                                                                                                                            | -1 500c                         | 96.81 | -10.45  | 127.99 | 128.42 | 0.2188 | -0.0268 | 94.6            | 33 569                          | 13 466                          | %    |   |  |
| 22 510                                                                                                                            | -1 510c                         | 94.88 | -2.34   | 137.84 | 137.86 | 0.2153 | -0.0218 | 90.9            | 34 571                          | 14 471                          | %    |   |  |
| 23 520                                                                                                                            | -1 519c                         | 93.58 | 2.85    | 141.13 | 141.16 | 0.2177 | -0.0198 | 88.8            | 34 572                          | 14 473                          | Ym   | % |  |
| 25 530                                                                                                                            | -1 529c                         | 90.23 | 15.24   | 146.8  | 147.59 | 0.2236 | -0.0162 | 84.0            | 35 575                          | 15 477                          | %    |   |  |
| 27 540                                                                                                                            | -1 539c                         | 86.01 | 29.18   | 144.12 | 147.04 | 0.2308 | -0.0132 | 78.5            | 35 579                          | 16 480                          | %    |   |  |
| 28 545                                                                                                                            | -1 544c                         | 83.62 | 36.35   | 141.27 | 145.87 | 0.2347 | -0.012  | 75.5            | 36 581                          | 16 481                          | %    |   |  |
| 29 550                                                                                                                            | -1 549c                         | 81.05 | 43.6    | 137.66 | 144.4  | 0.239  | -0.011  | 72.4            | 36 583                          | 16 483                          | %    |   |  |
| 30 555                                                                                                                            | -1 554c                         | 78.3  | 50.75   | 133.47 | 142.8  | 0.2434 | -0.0102 | 69.1            | 37 585                          | 16 484                          | %    |   |  |
| 32 560                                                                                                                            | -1 560c                         | 72.41 | 64.12   | 123.93 | 139.53 | 0.2528 | -0.0092 | 62.6            | 38 590                          | 17 486                          | %    |   |  |
| 380                                                                                                                               | 770                             | 100.0 | 0.0     | 0.0    | 0.0    | 0.0    | 0.0     | 0.0             | 0.0                             | 0.0                             |      |   |  |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für D50, Y <sub>w</sub> =100, Y <sub>m</sub> =770...520, CIELAB komplementär |                                 |       |        |         |        |        |         |                 |                                 |                                 |      |   |  |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|--------|---------|--------|--------|---------|-----------------|---------------------------------|---------------------------------|------|---|--|
| i, λ <sub>1</sub>                                                                                                                        | i <sub>2</sub> , λ <sub>2</sub> | L*100 | a*100  | b*100   | C*ab   | a*     | b*      | h <sub>ab</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |
| 32 564                                                                                                                                   | 1 405                           | 71.0  | 67.41  | 105.72  | 125.38 | 0.2553 | -0.0231 | 57.4            | 38 592                          | 17 486                          | Rm   | % |  |
| 33 565                                                                                                                                   | 7 435                           | 70.74 | 75.66  | 26.96   | 80.32  | 0.2602 | -0.0643 | 19.6            | 46 634                          | 18 490                          |      | % |  |
| 33 566                                                                                                                                   | 10 450                          | 70.4  | 84.09  | -8.18   | 84.49  | 0.2653 | -0.0828 | 354.4           | -1 497c                         | 19 497                          |      | % |  |
| 33 567                                                                                                                                   | 12 460                          | 69.97 | 89.18  | -25.67  | 92.8   | 0.2685 | -0.0921 | 343.9           | -1 506c                         | 21 506                          |      | % |  |
| 33 568                                                                                                                                   | 13 465                          | 69.5  | 91.5   | -32.76  | 97.19  | 0.2702 | -0.096  | 340.2           | -1 511c                         | 22 511                          |      | % |  |
| 34 570                                                                                                                                   | 14 470                          | 68.72 | 93.74  | -39.06  | 101.55 | 0.272  | -0.0995 | 337.3           | -1 519c                         | 23 519                          |      | % |  |
| 34 573                                                                                                                                   | 15 475                          | 67.36 | 96.12  | -45.25  | 106.24 | 0.2743 | -0.1032 | 334.7           | -1 527c                         | 25 527                          | Mm   | % |  |
| 35 578                                                                                                                                   | 15 480                          | 64.23 | 100.99 | -50.62  | 112.97 | 0.2796 | -0.1073 | 333.3           | -1 531c                         | 26 531                          |      | % |  |
| 37 587                                                                                                                                   | 17 485                          | 59.67 | 103.27 | -63.42  | 121.19 | 0.285  | -0.1167 | 328.4           | -1 544c                         | 28 544                          |      | % |  |
| 44 620                                                                                                                                   | 18 490                          | 41.19 | 95.32  | -99.68  | 135.85 | 0.3001 | -0.1557 | 314.1           | -1 561c                         | 32 561                          | min  | % |  |
| -1 495c                                                                                                                                  | 19 495                          | 30.29 | 58.93  | -116.79 | 138.02 | 0.2804 | -0.1936 | 296.7           | 12 463                          | 33 568                          |      | % |  |
| -1 500c                                                                                                                                  | 20 500                          | 34.03 | 42.92  | -111.26 | 119.25 | 0.2595 | -0.1799 | 291.0           | 13 466                          | 33 569                          |      | % |  |
| -1 510c                                                                                                                                  | 22 510                          | 42.26 | 8.18   | -98.28  | 98.62  | 0.2235 | -0.1554 | 274.2           | 14 471                          | 34 571                          |      | % |  |
| -1 519c                                                                                                                                  | 23 520                          | 46.59 | -9.12  | -91.17  | 91.63  | 0.2091 | -0.1449 | 264.2           | 14 473                          | 34 572                          | Bm   | % |  |
| -1 529c                                                                                                                                  | 25 530                          | 55.28 | -39.96 | -76.64  | 86.43  | 0.1882 | -0.1275 | 242.4           | 15 477                          | 35 575                          |      | % |  |
| -1 539c                                                                                                                                  | 27 540                          | 63.34 | -62.09 | -62.98  | 88.44  | 0.1771 | -0.1147 | 225.4           | 16 480                          | 35 579                          |      | % |  |
| -1 544c                                                                                                                                  | 28 545                          | 67.02 | -69.55 | -56.7   | 89.74  | 0.1743 | -0.1096 | 219.1           | 16 481                          | 36 581                          |      | % |  |
| -1 549c                                                                                                                                  | 29 550                          | 70.49 | -74.83 | -50.77  | 90.42  | 0.1729 | -0.1053 | 214.1           | 16 483                          | 36 583                          |      | % |  |
| -1 554c                                                                                                                                  | 30 555                          | 73.73 | -78.04 | -45.21  | 90.19  | 0.1727 | -0.1015 | 210.0           | 16 484                          | 37 585                          |      | % |  |
| -1 560c                                                                                                                                  | 32 560                          | 79.46 | -78.96 | -35.36  | 86.52  | 0.1749 | -0.0954 | 204.1           | 17 486                          | 38 590                          |      | % |  |
| 380                                                                                                                                      | 770                             | 100.0 | 0.0    | 0.0     | 0.0    | 0.0    | 0.0     | 0.0             | 0.0                             | 0.0                             |      | % |  |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für D50, Y <sub>w</sub> =100, Y <sub>m</sub> =520_770, CIELAB-Daten |                                 |       |         |        |                  |        |         |                 |                                 |                                 |      |   | % |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|---------|--------|------------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|---|---|
| i, λ <sub>1</sub>                                                                                                               | i <sub>2</sub> , λ <sub>2</sub> | L*100 | a*100   | b*100  | 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                                                                                                                           | 31 559                          | 79.59 | -77.2   | -34.19 | 84.44            | 0.176  | -0.0944 | 203.8           | 15 479                          | 37 589                          | Cm   | % |   |
| 7 435                                                                                                                           | 32 561                          | 79.86 | -91.81  | -15.16 | 93.06            | 0.1685 | -0.0853 | 189.3           | 16 484                          | 38 593                          | %    |   |   |
| 10 450                                                                                                                          | 32 562                          | 79.99 | -106.14 | 10.32  | 106.64           | 0.161  | -0.0733 | 174.4           | 18 493                          | -1 493c                         | %    |   |   |
| 12 460                                                                                                                          | 32 564                          | 80.41 | -112.32 | 32.6   | 116.95           | 0.1581 | -0.0628 | 163.8           | 20 503                          | -1 503c                         | %    |   |   |
| 13 465                                                                                                                          | 33 566                          | 81.01 | -111.86 | 45.12  | 120.61           | 0.1587 | -0.0571 | 158.0           | 22 512                          | -1 512c                         | %    |   |   |
| 14 470                                                                                                                          | 34 570                          | 82.18 | -107.6  | 58.61  | 122.53           | 0.1615 | -0.0511 | 151.4           | 24 521                          | -1 521c                         | %    |   |   |
| 15 475                                                                                                                          | 35 576                          | 84.23 | -97.14  | 73.13  | 121.59           | 0.1679 | -0.0451 | 143.0           | 26 531                          | -1 531c                         | Gm   | % |   |
| 16 480                                                                                                                          | 38 590                          | 88.39 | -73.47  | 90.47  | 116.54           | 0.1812 | -0.0388 | 129.0           | 28 543                          | -1 543c                         | %    |   |   |
| 17 485                                                                                                                          | -1 485c                         | 97.06 | -11.31  | 114.51 | 115.07           | 0.2116 | -0.0322 | 95.6            | 32 563                          | 11 458                          | %    |   |   |
| 18 490                                                                                                                          | -1 490c                         | 96.45 | -8.75   | 121.65 | 121.97           | 0.2127 | -0.0291 | 94.1            | 32 564                          | 12 460                          | max  | % |   |
| 19 495                                                                                                                          | -1 495c                         | 95.71 | -5.61   | 127.93 | 128.05           | 0.2141 | -0.0262 | 92.5            | 33 565                          | 12 462                          | %    |   |   |
| 20 500                                                                                                                          | -1 500c                         | 94.84 | -1.91   | 133.35 | 133.36           | 0.2158 | -0.0236 | 90.8            | 33 566                          | 12 464                          | %    |   |   |
| 21 510                                                                                                                          | -1 509c                         | 93.81 | 2.3     | 137.86 | 137.88           | 0.2177 | -0.0212 | 89.0            | 33 567                          | 13 466                          | %    |   |   |
| 24 520                                                                                                                          | -1 520c                         | 89.67 | 17.74   | 147.75 | 148.81           | 0.2251 | -0.015  | 83.1            | 34 571                          | 14 471                          | Ym   | % |   |
| 25 530                                                                                                                          | -1 529c                         | 87.89 | 23.66   | 147.2  | 149.09           | 0.2281 | -0.0131 | 80.8            | 34 573                          | 14 473                          | %    |   |   |
| 28 540                                                                                                                          | -1 540c                         | 81.47 | 42.32   | 139.84 | 146.11           | 0.2385 | -0.0073 | 73.1            | 35 579                          | 15 476                          | %    |   |   |
| 29 545                                                                                                                          | -1 545c                         | 78.99 | 48.54   | 135.98 | 144.39           | 0.2423 | -0.0052 | 70.3            | 36 581                          | 15 477                          | %    |   |   |
| 29 550                                                                                                                          | -1 549c                         | 78.99 | 48.54   | 135.98 | 144.39           | 0.2423 | -0.0052 | 70.3            | 36 581                          | 15 477                          | %    |   |   |
| 31 555                                                                                                                          | -1 555c                         | 73.59 | 60.31   | 126.89 | 140.49           | 0.2505 | 0.0     | 64.5            | 37 587                          | 15 479                          | %    |   |   |
| 32 560                                                                                                                          | 2 411                           | 70.73 | 66.43   | 91.22  | 112.85           | 0.2551 | -0.0304 | 53.9            | 38 591                          | 16 480                          | %    |   |   |
| 380                                                                                                                             | 770                             | 100.0 | 0.0     | 0.0    | 0.0              | 0.0    | 0.0     | 0.0             | 0.0                             | 0.0                             |      |   |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für D50, Y <sub>w</sub> =100, Y <sub>m</sub> =770...520, CIELAB komplementär |                                 |       |        |         |        |        |         |                 |                                 |                                 |      |   |  |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|--------|---------|--------|--------|---------|-----------------|---------------------------------|---------------------------------|------|---|--|
| i, λ <sub>1</sub>                                                                                                                        | i <sub>2</sub> , λ <sub>2</sub> | L*100 | a*100  | b*100   | C*ab   | a*     | b*      | h <sub>ab</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |
| 31 559                                                                                                                                   | 1 405                           | 72.26 | 63.47  | 103.03  | 121.01 | 0.2528 | -0.0252 | 58.3            | 37 589                          | 15 479                          | Rm   | % |  |
| 32 561                                                                                                                                   | 7 435                           | 71.95 | 72.06  | 23.05   | 75.66  | 0.2578 | -0.0663 | 17.7            | 58 693                          | 16 484                          | %    |   |  |
| 32 562                                                                                                                                   | 10 450                          | 71.79 | 79.33  | -10.79  | 80.06  | 0.2621 | -0.0837 | 352.2           | -1 493c                         | 18 493                          | %    |   |  |
| 32 564                                                                                                                                   | 12 460                          | 71.28 | 83.47  | -27.25  | 87.8   | 0.2647 | -0.0923 | 341.9           | -1 503c                         | 20 503                          | %    |   |  |
| 33 566                                                                                                                                   | 13 465                          | 70.54 | 85.3   | -34.29  | 91.94  | 0.2662 | -0.0961 | 338.1           | -1 512c                         | 22 512                          | %    |   |  |
| 34 570                                                                                                                                   | 14 470                          | 69.01 | 87.54  | -41.42  | 96.85  | 0.2684 | -0.1003 | 334.6           | -1 521c                         | 24 521                          | %    |   |  |
| 35 576                                                                                                                                   | 15 475                          | 66.13 | 89.85  | -49.78  | 102.72 | 0.2716 | -0.1057 | 331.0           | -1 531c                         | 26 531                          | Mm   | % |  |
| 38 590                                                                                                                                   | 16 480                          | 59.09 | 91.66  | -64.37  | 112.01 | 0.278  | -0.1171 | 324.9           | -1 543c                         | 28 543                          | %    |   |  |
| -1 485c                                                                                                                                  | 17 485                          | 32.71 | 47.82  | -111.58 | 121.39 | 0.266  | -0.1821 | 293.2           | 11 458                          | 32 563                          | %    |   |  |
| -1 490c                                                                                                                                  | 18 490                          | 35.8  | 34.81  | -107.5  | 113.0  | 0.2505 | -0.1724 | 287.9           | 12 460                          | 32 564 min                      | %    |   |  |
| -1 495c                                                                                                                                  | 19 495                          | 39.04 | 20.95  | -102.82 | 104.93 | 0.2358 | -0.1629 | 281.5           | 12 462                          | 33 565                          | %    |   |  |
| -1 500c                                                                                                                                  | 20 500                          | 42.42 | 6.67   | -97.66  | 97.89  | 0.2224 | -0.154  | 273.9           | 12 464                          | 33 566                          | %    |   |  |
| -1 509c                                                                                                                                  | 21 510                          | 45.88 | -7.52  | -92.18  | 92.48  | 0.2105 | -0.1458 | 265.3           | 13 466                          | 33 567                          | %    |   |  |
| -1 520c                                                                                                                                  | 24 520                          | 56.5  | -45.46 | -74.63  | 87.39  | 0.1851 | -0.1249 | 238.6           | 14 471                          | 34 571                          | Bm   | % |  |
| -1 529c                                                                                                                                  | 25 530                          | 60.04 | -55.36 | -68.66  | 88.2   | 0.18   | -0.1191 | 231.1           | 14 473                          | 34 573                          | %    |   |  |
| -1 540c                                                                                                                                  | 28 540                          | 69.95 | -73.85 | -51.77  | 90.19  | 0.1734 | -0.1055 | 215.0           | 15 476                          | 35 579                          | %    |   |  |
| -1 545c                                                                                                                                  | 29 545                          | 72.95 | -76.41 | -46.62  | 89.51  | 0.1734 | -0.1019 | 211.3           | 15 477                          | 36 581                          | %    |   |  |
| -1 549c                                                                                                                                  | 29 550                          | 72.95 | -76.41 | -46.62  | 89.51  | 0.1734 | -0.1019 | 211.3           | 15 477                          | 36 581                          | %    |   |  |
| -1 555c                                                                                                                                  | 31 555                          | 78.42 | -76.8  | -37.2   | 85.33  | 0.1757 | -0.096  | 205.8           | 15 479                          | 37 587                          | %    |   |  |
| 2 411                                                                                                                                    | 32 560                          | 80.85 | -76.45 | -31.35  | 82.63  | 0.1769 | -0.0928 | 202.2           | 16 480                          | 38 591                          | %    |   |  |
| 3 380                                                                                                                                    | 770                             | 100.0 | 0.0    | 0.0     | 0.0    | 0.2166 | -0.0782 | 0.0             |                                 |                                 |      |   |  |