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| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für D65, Y <sub>w</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |  |   |  | % |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|---|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                 | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  | % |  |   |
| 0 405                                                                                                                           | 32 561                          | 32.57            | 58.2             | 108.12           | 0.1637 | 0.2926 | 0.5436 | 193.7           | 16 483                          | 37 589                          | Cm   |  | % |  |   |
| 6 435                                                                                                                           | 32 562                          | 29.09            | 58.79            | 88.73            | 0.1647 | 0.3328 | 0.5023 | 178.4           | 17 486                          | 42 610                          |      |  | % |  |   |
| 10 450                                                                                                                          | 32 563                          | 22.93            | 59.42            | 52.37            | 0.1702 | 0.441  | 0.3887 | 141.8           | 19 496                          | -1 496c                         |      |  | % |  |   |
| 12 460                                                                                                                          | 33 565                          | 20.88            | 60.32            | 34.02            | 0.1812 | 0.5234 | 0.2952 | 124.0           | 21 505                          | -1 505c                         |      |  | % |  |   |
| 12 465                                                                                                                          | 33 567                          | 21.95            | 61.66            | 34.03            | 0.1866 | 0.5241 | 0.2892 | 122.8           | 21 506                          | -1 506c                         |      |  | % |  |   |
| 14 470                                                                                                                          | 33 569                          | 21.46            | 62.72            | 19.98            | 0.206  | 0.602  | 0.1918 | 111.3           | 24 520                          | -1 520c                         |      |  | % |  |   |
| 15 475                                                                                                                          | 34 573                          | 23.76            | 65.29            | 14.91            | 0.2285 | 0.6279 | 0.1434 | 105.6           | 25 528                          | -1 528c                         | Gm   |  | % |  |   |
| 16 480                                                                                                                          | 36 580                          | 29.0             | 69.95            | 11.05            | 0.2636 | 0.6358 | 0.1005 | 99.0            | 27 537                          | -1 537c                         |      |  | % |  |   |
| 17 485                                                                                                                          | 39 595                          | 42.11            | 78.75            | 8.23             | 0.3262 | 0.6099 | 0.0638 | 87.2            | 29 548                          | -1 548c                         |      |  | % |  |   |
| 18 490                                                                                                                          | -1 490c                         | 77.09            | 93.8             | 6.13             | 0.4354 | 0.5298 | 0.0346 | 58.5            | 33 565                          | 11 459                          | max  |  | % |  |   |
| 19 495                                                                                                                          | -1 495c                         | 77.04            | 92.3             | 4.52             | 0.4431 | 0.5308 | 0.026  | 57.1            | 33 566                          | 12 462                          |      |  | % |  |   |
| 20 500                                                                                                                          | -1 500c                         | 77.02            | 90.42            | 3.27             | 0.4511 | 0.5296 | 0.0191 | 55.3            | 33 567                          | 12 464                          |      |  | % |  |   |
| 22 510                                                                                                                          | -1 510c                         | 76.89            | 85.27            | 1.63             | 0.4694 | 0.5205 | 0.01   | 50.7            | 33 569                          | 13 469                          |      |  | % |  |   |
| 23 520                                                                                                                          | -1 519c                         | 76.66            | 81.98            | 1.16             | 0.4797 | 0.513  | 0.0072 | 47.7            | 34 570                          | 14 471                          | Ym   |  | % |  |   |
| 25 530                                                                                                                          | -1 529c                         | 75.53            | 74.04            | 0.57             | 0.503  | 0.4931 | 0.0038 | 40.7            | 34 573                          | 15 475                          |      |  | % |  |   |
| 27 540                                                                                                                          | -1 539c                         | 73.26            | 64.9             | 0.26             | 0.5292 | 0.4688 | 0.0019 | 32.8            | 35 577                          | 15 478                          |      |  | % |  |   |
| 28 545                                                                                                                          | -1 544c                         | 71.66            | 60.13            | 0.18             | 0.5429 | 0.4556 | 0.0014 | 28.7            | 35 579                          | 15 479                          |      |  | % |  |   |
| 29 550                                                                                                                          | -1 549c                         | 69.7             | 55.26            | 0.13             | 0.5571 | 0.4417 | 0.001  | 24.7            | 36 582                          | 16 480                          |      |  | % |  |   |
| 30 555                                                                                                                          | -1 554c                         | 67.4             | 50.4             | 0.09             | 0.5716 | 0.4274 | 0.0008 | 20.8            | 36 584                          | 16 481                          |      |  | % |  |   |
| 32 560                                                                                                                          | -1 560c                         | 61.78            | 41.0             | 0.05             | 0.6007 | 0.3987 | 0.0005 | 13.6            | 37 589                          | 16 483                          |      |  | % |  |   |
| 380                                                                                                                             | 770                             | 95.04            | 100.0            | 108.89           | 0.3127 | 0.329  | 0.3582 | 0.0             |                                 |                                 |      |  | % |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für D65, Y <sub>w</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementär% |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |   |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|---|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |   |   |  |
| 32 561                                                                                                                                  | 0 405                           | 62.47            | 41.79            | 0.76             | 0.5947 | 0.3979 | 0.0072 | 13.7            | 37 589                          | 16 483                          | Rm   | % | % |  |
| 32 562                                                                                                                                  | 6 435                           | 65.95            | 41.2             | 20.15            | 0.518  | 0.3236 | 0.1583 | 358.5           | 42 610                          | 17 486                          |      | % | % |  |
| 32 563                                                                                                                                  | 10 450                          | 72.11            | 40.57            | 56.51            | 0.4261 | 0.2398 | 0.334  | 321.8           | -1 496c                         | 19 496                          |      | % | % |  |
| 33 565                                                                                                                                  | 12 460                          | 74.16            | 39.67            | 74.86            | 0.393  | 0.2102 | 0.3967 | 304.0           | -1 505c                         | 21 505                          |      | % | % |  |
| 33 567                                                                                                                                  | 12 465                          | 73.08            | 38.33            | 74.86            | 0.3923 | 0.2057 | 0.4018 | 302.9           | -1 506c                         | 21 506                          |      | % | % |  |
| 33 569                                                                                                                                  | 14 470                          | 73.57            | 37.27            | 88.9             | 0.3683 | 0.1866 | 0.445  | 291.3           | -1 520c                         | 24 520                          |      | % | % |  |
| 34 573                                                                                                                                  | 15 475                          | 71.27            | 34.7             | 93.97            | 0.3564 | 0.1735 | 0.4699 | 285.7           | -1 528c                         | 25 528                          | Mm   | % | % |  |
| 36 580                                                                                                                                  | 16 480                          | 66.03            | 30.04            | 97.83            | 0.3405 | 0.1549 | 0.5045 | 279.1           | -1 537c                         | 27 537                          |      | % | % |  |
| 39 595                                                                                                                                  | 17 485                          | 52.92            | 21.24            | 100.65           | 0.3027 | 0.1215 | 0.5757 | 267.2           | -1 548c                         | 29 548                          |      | % | % |  |
| -1 490c                                                                                                                                 | 18 490                          | 17.95            | 6.19             | 102.75           | 0.1414 | 0.0487 | 0.8097 | 238.5           | 11 459                          | 33 565                          | min  | % | % |  |
| -1 495c                                                                                                                                 | 19 495                          | 18.0             | 7.69             | 104.36           | 0.1384 | 0.0591 | 0.8024 | 237.1           | 12 462                          | 33 566                          |      | % | % |  |
| -1 500c                                                                                                                                 | 20 500                          | 18.02            | 9.57             | 105.61           | 0.1352 | 0.0719 | 0.7928 | 235.4           | 12 464                          | 33 567                          |      | % | % |  |
| -1 510c                                                                                                                                 | 22 510                          | 18.14            | 14.72            | 107.25           | 0.1295 | 0.105  | 0.7654 | 230.7           | 13 469                          | 33 569                          |      | % | % |  |
| -1 519c                                                                                                                                 | 23 520                          | 18.37            | 18.01            | 107.72           | 0.1275 | 0.1249 | 0.7475 | 227.7           | 14 471                          | 34 570                          | Bm   | % | % |  |
| -1 529c                                                                                                                                 | 25 530                          | 19.5             | 25.95            | 108.31           | 0.1268 | 0.1687 | 0.7043 | 220.7           | 15 475                          | 34 573                          |      | % | % |  |
| -1 539c                                                                                                                                 | 27 540                          | 21.77            | 35.09            | 108.62           | 0.1315 | 0.212  | 0.6563 | 212.8           | 15 478                          | 35 577                          |      | % | % |  |
| -1 544c                                                                                                                                 | 28 545                          | 23.38            | 39.86            | 108.7            | 0.1359 | 0.2318 | 0.6321 | 208.8           | 15 479                          | 35 579                          |      | % | % |  |
| -1 549c                                                                                                                                 | 29 550                          | 25.33            | 44.73            | 108.76           | 0.1416 | 0.2501 | 0.6081 | 204.7           | 16 480                          | 36 582                          |      | % | % |  |
| -1 554c                                                                                                                                 | 30 555                          | 27.63            | 49.59            | 108.79           | 0.1485 | 0.2665 | 0.5848 | 200.8           | 16 481                          | 36 584                          |      | % | % |  |
| -1 560c                                                                                                                                 | 32 560                          | 33.26            | 58.99            | 108.83           | 0.1654 | 0.2933 | 0.5412 | 193.6           | 16 483                          | 37 589                          |      | % | % |  |
| 380                                                                                                                                     | 770                             | 95.04            | 100.0            | 108.89           | 0.3127 | 0.329  | 0.3582 | 0.0             |                                 |                                 |      | % | % |  |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für D65, Y <sub>w,10</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |  |   |  | % |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|---|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                    | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  | % |  |   |
| 0 405                                                                                                                              | 31 556                          | 31.74            | 56.57            | 106.53           | 0.1629 | 0.2903 | 0.5467 | 195.0           | 15 476                          | 37 585                          | Cm   |  | % |  |   |
| 6 435                                                                                                                              | 31 557                          | 27.99            | 57.41            | 83.63            | 0.1656 | 0.3396 | 0.4947 | 176.6           | 16 480                          | 44 621                          |      |  | % |  |   |
| 10 450                                                                                                                             | 31 559                          | 22.06            | 57.53            | 46.52            | 0.1749 | 0.4561 | 0.3688 | 137.9           | 18 491                          | -1 491c                         |      |  | % |  |   |
| 11 460                                                                                                                             | 32 562                          | 22.29            | 59.27            | 37.3             | 0.1875 | 0.4986 | 0.3137 | 126.9           | 19 498                          | -1 498c                         |      |  | % |  |   |
| 12 465                                                                                                                             | 33 565                          | 22.82            | 60.91            | 28.98            | 0.2025 | 0.5403 | 0.2571 | 117.9           | 21 506                          | -1 506c                         |      |  | % |  |   |
| 14 470                                                                                                                             | 34 570                          | 24.61            | 63.07            | 16.02            | 0.2373 | 0.6081 | 0.1544 | 105.3           | 24 522                          | -1 522c                         |      |  | % |  |   |
| 15 475                                                                                                                             | 35 579                          | 31.53            | 68.64            | 11.53            | 0.2822 | 0.6144 | 0.1032 | 96.3            | 26 533                          | -1 533c                         | Gm   |  | % |  |   |
| 16 480                                                                                                                             | 41 606                          | 54.04            | 81.94            | 8.23             | 0.3746 | 0.5682 | 0.0571 | 75.5            | 30 550                          | -1 550c                         |      |  | % |  |   |
| 16 485                                                                                                                             | -1 484c                         | 77.05            | 92.3             | 8.23             | 0.4339 | 0.5197 | 0.0463 | 57.5            | 32 560                          | 10 454                          |      |  | % |  |   |
| 18 490                                                                                                                             | -1 490c                         | 76.87            | 89.06            | 4.2              | 0.4518 | 0.5234 | 0.0247 | 54.3            | 32 562                          | 11 459                          | max  |  | % |  |   |
| 19 495                                                                                                                             | -1 495c                         | 76.85            | 87.05            | 2.97             | 0.4605 | 0.5216 | 0.0178 | 52.4            | 32 563                          | 12 461                          |      |  | % |  |   |
| 19 500                                                                                                                             | -1 499c                         | 76.85            | 87.05            | 2.97             | 0.4605 | 0.5216 | 0.0178 | 52.4            | 32 563                          | 12 461                          |      |  | % |  |   |
| 22 510                                                                                                                             | -1 510c                         | 76.43            | 79.1             | 1.01             | 0.4882 | 0.5052 | 0.0064 | 44.9            | 33 567                          | 13 466                          |      |  | % |  |   |
| 23 520                                                                                                                             | -1 519c                         | 76.0             | 75.81            | 0.68             | 0.4983 | 0.4971 | 0.0045 | 41.9            | 33 568                          | 13 468                          | Ym   |  | % |  |   |
| 26 530                                                                                                                             | -1 530c                         | 73.15            | 64.17            | 0.16             | 0.532  | 0.4667 | 0.0012 | 31.8            | 34 573                          | 14 472                          |      |  | % |  |   |
| 27 540                                                                                                                             | -1 539c                         | 71.61            | 59.9             | 0.08             | 0.5441 | 0.4551 | 0.0006 | 28.3            | 35 576                          | 14 473                          |      |  | % |  |   |
| 28 545                                                                                                                             | -1 544c                         | 69.75            | 55.54            | 0.04             | 0.5565 | 0.4431 | 0.0003 | 24.7            | 35 578                          | 14 474                          |      |  | % |  |   |
| 29 550                                                                                                                             | -1 549c                         | 67.56            | 51.12            | 0.01             | 0.5691 | 0.4306 | 0.0001 | 21.3            | 36 580                          | 15 475                          |      |  | % |  |   |
| 31 555                                                                                                                             | -1 555c                         | 62.15            | 42.37            | 0.0              | 0.5946 | 0.4053 | 0.0    | 14.8            | 37 586                          | 15 476                          |      |  | % |  |   |
| 32 560                                                                                                                             | 10 451                          | 70.49            | 40.04            | 58.44            | 0.4171 | 0.2369 | 0.3458 | 317.7           | -1 492c                         | 18 492                          |      |  | % |  |   |
| 380                                                                                                                                | 770                             | 94.81            | 100.0            | 107.33           | 0.3137 | 0.3309 | 0.3552 | 0.0             |                                 |                                 |      |  | % |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für D65, Y <sub>w,10</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementär |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |  |   |  | % |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|---|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                           | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  | % |  |   |
| 31 556                                                                                                                                    | 0 405                           | 63.06            | 43.42            | 0.8              | 0.5877 | 0.4047 | 0.0074 | 15.0            | 37 585                          | 15 476                          | Rm   |  | % |  |   |
| 31 557                                                                                                                                    | 6 435                           | 66.81            | 42.58            | 23.7             | 0.5019 | 0.3199 | 0.178  | 356.6           | 44 621                          | 16 480                          |      |  | % |  |   |
| 31 559                                                                                                                                    | 10 450                          | 72.75            | 42.46            | 60.8             | 0.4132 | 0.2412 | 0.3454 | 317.9           | -1 491c                         | 18 491                          |      |  | % |  |   |
| 32 562                                                                                                                                    | 11 460                          | 72.51            | 40.72            | 70.03            | 0.3956 | 0.2221 | 0.3821 | 307.0           | -1 498c                         | 19 498                          |      |  | % |  |   |
| 33 565                                                                                                                                    | 12 465                          | 71.98            | 39.08            | 78.34            | 0.38   | 0.2063 | 0.4136 | 298.0           | -1 506c                         | 21 506                          |      |  | % |  |   |
| 34 570                                                                                                                                    | 14 470                          | 70.19            | 36.92            | 91.31            | 0.3537 | 0.186  | 0.4601 | 285.4           | -1 522c                         | 24 522                          |      |  | % |  |   |
| 35 579                                                                                                                                    | 15 475                          | 63.28            | 31.35            | 95.79            | 0.3323 | 0.1646 | 0.503  | 276.3           | -1 533c                         | 26 533                          | Mm   |  | % |  |   |
| 41 606                                                                                                                                    | 16 480                          | 40.77            | 18.05            | 99.09            | 0.2581 | 0.1143 | 0.6275 | 255.6           | -1 550c                         | 30 550                          |      |  | % |  |   |
| -1 484c                                                                                                                                   | 16 485                          | 17.75            | 7.69             | 99.09            | 0.1425 | 0.0618 | 0.7956 | 237.5           | 10 454                          | 32 560                          |      |  | % |  |   |
| -1 490c                                                                                                                                   | 18 490                          | 17.94            | 10.93            | 103.13           | 0.1359 | 0.0828 | 0.7812 | 234.3           | 11 459                          | 32 562                          | min  |  | % |  |   |
| -1 495c                                                                                                                                   | 19 495                          | 17.96            | 12.94            | 104.35           | 0.1327 | 0.0957 | 0.7714 | 232.4           | 12 461                          | 32 563                          |      |  | % |  |   |
| -1 499c                                                                                                                                   | 19 500                          | 17.96            | 12.94            | 104.35           | 0.1327 | 0.0957 | 0.7714 | 232.4           | 12 461                          | 32 563                          |      |  | % |  |   |
| -1 510c                                                                                                                                   | 22 510                          | 18.38            | 20.89            | 106.32           | 0.1262 | 0.1435 | 0.7302 | 224.9           | 13 466                          | 33 567                          |      |  | % |  |   |
| -1 519c                                                                                                                                   | 23 520                          | 18.8             | 24.18            | 106.64           | 0.1256 | 0.1616 | 0.7126 | 222.0           | 13 468                          | 33 568                          | Bm   |  | % |  |   |
| -1 530c                                                                                                                                   | 26 530                          | 21.65            | 35.82            | 107.16           | 0.1315 | 0.2175 | 0.6508 | 211.8           | 14 472                          | 34 573                          |      |  | % |  |   |
| -1 539c                                                                                                                                   | 27 540                          | 23.19            | 40.09            | 107.24           | 0.136  | 0.2351 | 0.6288 | 208.3           | 14 473                          | 35 576                          |      |  | % |  |   |
| -1 544c                                                                                                                                   | 28 545                          | 25.05            | 44.45            | 107.29           | 0.1417 | 0.2514 | 0.6068 | 204.8           | 14 474                          | 35 578                          |      |  | % |  |   |
| -1 549c                                                                                                                                   | 29 550                          | 27.25            | 48.87            | 107.32           | 0.1485 | 0.2664 | 0.585  | 201.3           | 15 475                          | 36 580                          |      |  | % |  |   |
| -1 555c                                                                                                                                   | 31 555                          | 32.65            | 57.62            | 107.33           | 0.1652 | 0.2916 | 0.5431 | 194.8           | 15 476                          | 37 586                          |      |  | % |  |   |
| 10 451                                                                                                                                    | 32 560                          | 24.31            | 59.95            | 48.88            | 0.1826 | 0.4502 | 0.3671 | 137.6           | 18 492                          | -1 492c                         |      |  | % |  |   |
| 380                                                                                                                                       | 770                             | 94.81            | 100.0            | 107.33           | 0.3137 | 0.3309 | 0.3552 | 0.0             |                                 |                                 |      |  | % |  |   |

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| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für D50, Y <sub>w</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                 | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 1 405                                                                                                                           | 32 564                          | 29.62            | 57.81            | 81.6             | 0.1752 | 0.342  | 0.4827 | 185.5           | 17 486                          | 38 592                          | Cm   | % |  |  |   |
| 7 435                                                                                                                           | 33 565                          | 26.33            | 58.18            | 63.49            | 0.1779 | 0.393  | 0.4289 | 168.3           | 18 490                          | 46 634                          |      | % |  |  |   |
| 10 450                                                                                                                          | 33 566                          | 23.03            | 58.68            | 42.47            | 0.1854 | 0.4725 | 0.342  | 144.5           | 19 497                          | −1 497c                         |      | % |  |  |   |
| 12 460                                                                                                                          | 33 567                          | 21.47            | 59.3             | 28.27            | 0.1969 | 0.5437 | 0.2592 | 128.7           | 21 506                          | −1 506c                         |      | % |  |  |   |
| 13 465                                                                                                                          | 33 568                          | 21.31            | 59.95            | 22.16            | 0.206  | 0.5796 | 0.2143 | 122.2           | 22 511                          | −1 511c                         |      | % |  |  |   |
| 14 470                                                                                                                          | 34 570                          | 21.86            | 61.04            | 17.05            | 0.2187 | 0.6106 | 0.1706 | 116.7           | 23 519                          | −1 519c                         |      | % |  |  |   |
| 15 475                                                                                                                          | 34 573                          | 23.55            | 62.89            | 12.91            | 0.237  | 0.6329 | 0.1299 | 111.5           | 25 527                          | −1 527c                         | Gm   | % |  |  |   |
| 15 480                                                                                                                          | 35 578                          | 27.6             | 66.91            | 12.92            | 0.2569 | 0.6227 | 0.1202 | 108.5           | 26 531                          | −1 531c                         |      | % |  |  |   |
| 17 485                                                                                                                          | 37 587                          | 35.32            | 72.24            | 7.33             | 0.3074 | 0.6287 | 0.0637 | 98.0            | 28 544                          | −1 544c                         |      | % |  |  |   |
| 18 490                                                                                                                          | 44 620                          | 65.61            | 88.02            | 5.54             | 0.4122 | 0.5529 | 0.0348 | 71.0            | 32 561                          | −1 561c                         | max  | % |  |  |   |
| 19 495                                                                                                                          | −1 495c                         | 83.11            | 93.65            | 4.13             | 0.4594 | 0.5177 | 0.0228 | 54.4            | 33 568                          | 12 463                          |      | % |  |  |   |
| 20 500                                                                                                                          | −1 500c                         | 83.09            | 91.98            | 3.02             | 0.4665 | 0.5164 | 0.0169 | 52.5            | 33 569                          | 13 466                          |      | % |  |  |   |
| 22 510                                                                                                                          | −1 510c                         | 82.98            | 87.33            | 1.55             | 0.4827 | 0.5081 | 0.009  | 47.4            | 34 571                          | 14 471                          |      | % |  |  |   |
| 23 520                                                                                                                          | −1 519c                         | 82.76            | 84.29            | 1.11             | 0.4921 | 0.5012 | 0.0066 | 44.2            | 34 572                          | 14 473                          | Ym   | % |  |  |   |
| 25 530                                                                                                                          | −1 529c                         | 81.69            | 76.8             | 0.56             | 0.5136 | 0.4828 | 0.0035 | 36.4            | 35 575                          | 15 477                          |      | % |  |  |   |
| 27 540                                                                                                                          | −1 539c                         | 79.51            | 68.0             | 0.26             | 0.538  | 0.4601 | 0.0018 | 27.8            | 35 579                          | 16 480                          |      | % |  |  |   |
| 28 545                                                                                                                          | −1 544c                         | 77.94            | 63.34            | 0.18             | 0.5509 | 0.4477 | 0.0013 | 23.4            | 36 581                          | 16 481                          |      | % |  |  |   |
| 29 550                                                                                                                          | −1 549c                         | 76.02            | 58.55            | 0.13             | 0.5643 | 0.4346 | 0.0009 | 19.1            | 36 583                          | 16 483                          |      | % |  |  |   |
| 30 555                                                                                                                          | −1 554c                         | 73.73            | 53.72            | 0.09             | 0.578  | 0.4211 | 0.0007 | 15.0            | 37 585                          | 16 484                          |      | % |  |  |   |
| 32 560                                                                                                                          | −1 560c                         | 68.07            | 44.27            | 0.05             | 0.6055 | 0.3938 | 0.0005 | 7.7             | 38 590                          | 17 486                          |      | % |  |  |   |
| 380                                                                                                                             | 770                             | 96.42            | 100.0            | 82.49            | 0.3457 | 0.3585 | 0.2957 | 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, CIEXYZ komplementär% |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |
| 32 564                                                                                                                                  | 1 405                           | 66.79            | 42.18            | 0.88             | 0.6079 | 0.3839 | 0.008  | 5.5             | 38 592                          | 17 486                          | Rm   | % |  |  |
| 33 565                                                                                                                                  | 7 435                           | 70.08            | 41.81            | 18.99            | 0.5354 | 0.3194 | 0.1451 | 348.3           | 46 634                          | 18 490                          |      | % |  |  |
| 33 566                                                                                                                                  | 10 450                          | 73.39            | 41.31            | 40.02            | 0.4742 | 0.267  | 0.2586 | 324.5           | −1 497c                         | 19 497                          |      | % |  |  |
| 33 567                                                                                                                                  | 12 460                          | 74.94            | 40.69            | 54.22            | 0.4412 | 0.2395 | 0.3191 | 308.7           | −1 506c                         | 21 506                          |      | % |  |  |
| 33 568                                                                                                                                  | 13 465                          | 75.1             | 40.04            | 60.32            | 0.428  | 0.2281 | 0.3437 | 302.3           | −1 511c                         | 22 511                          |      | % |  |  |
| 34 570                                                                                                                                  | 14 470                          | 74.56            | 38.95            | 65.43            | 0.4166 | 0.2176 | 0.3656 | 296.7           | −1 519c                         | 23 519                          |      | % |  |  |
| 34 573                                                                                                                                  | 15 475                          | 72.86            | 37.1             | 69.58            | 0.4058 | 0.2066 | 0.3875 | 291.6           | −1 527c                         | 25 527                          | Mm   | % |  |  |
| 35 578                                                                                                                                  | 15 480                          | 68.81            | 33.08            | 69.57            | 0.4013 | 0.1929 | 0.4057 | 288.5           | −1 531c                         | 26 531                          |      | % |  |  |
| 37 587                                                                                                                                  | 17 485                          | 61.09            | 27.75            | 75.16            | 0.3724 | 0.1692 | 0.4582 | 278.0           | −1 544c                         | 28 544                          |      | % |  |  |
| 44 620                                                                                                                                  | 18 490                          | 30.81            | 11.97            | 76.95            | 0.2573 | 0.1    | 0.6426 | 251.1           | −1 561c                         | 32 561                          | min  | % |  |  |
| −1 495c                                                                                                                                 | 19 495                          | 13.31            | 6.34             | 78.36            | 0.1357 | 0.0647 | 0.7994 | 234.4           | 12 463                          | 33 568                          |      | % |  |  |
| −1 500c                                                                                                                                 | 20 500                          | 13.32            | 8.01             | 79.46            | 0.1321 | 0.0794 | 0.7883 | 232.5           | 13 466                          | 33 569                          |      | % |  |  |
| −1 510c                                                                                                                                 | 22 510                          | 13.44            | 12.66            | 80.94            | 0.1255 | 0.1182 | 0.7561 | 227.5           | 14 471                          | 34 571                          |      | % |  |  |
| −1 519c                                                                                                                                 | 23 520                          | 13.65            | 15.7             | 81.37            | 0.1233 | 0.1418 | 0.7348 | 224.2           | 14 473                          | 34 572                          | Bm   | % |  |  |
| −1 529c                                                                                                                                 | 25 530                          | 14.72            | 23.19            | 81.93            | 0.1228 | 0.1935 | 0.6836 | 216.5           | 15 477                          | 35 575                          |      | % |  |  |
| −1 539c                                                                                                                                 | 27 540                          | 16.91            | 31.99            | 82.22            | 0.1289 | 0.244  | 0.627  | 207.8           | 16 480                          | 35 579                          |      | % |  |  |
| −1 544c                                                                                                                                 | 28 545                          | 18.47            | 36.65            | 82.3             | 0.1344 | 0.2666 | 0.5988 | 203.5           | 16 481                          | 36 581                          |      | % |  |  |
| −1 549c                                                                                                                                 | 29 550                          | 20.4             | 41.44            | 82.36            | 0.1414 | 0.2873 | 0.5711 | 199.2           | 16 483                          | 36 583                          |      | % |  |  |
| −1 554c                                                                                                                                 | 30 555                          | 22.69            | 46.27            | 82.39            | 0.1499 | 0.3057 | 0.5443 | 195.0           | 16 484                          | 37 585                          |      | % |  |  |
| −1 560c                                                                                                                                 | 32 560                          | 28.35            | 55.72            | 82.43            | 0.1702 | 0.3346 | 0.495  | 187.7           | 17 486                          | 38 590                          |      | % |  |  |
| 380                                                                                                                                     | 770                             | 96.42            | 100.0            | 82.49            | 0.3457 | 0.3585 | 0.2957 | 0.0             |                                 |                                 |      | % |  |  |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für D50, Y <sub>w,10</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                    | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 1 405                                                                                                                              | 31 559                          | 29.04            | 55.95            | 80.21            | 0.1757 | 0.3387 | 0.4855 | 186.9           | 15 479                          | 37 589                          | Cm   | % |  |  |   |
| 7 435                                                                                                                              | 32 561                          | 25.67            | 56.42            | 59.78            | 0.1809 | 0.3976 | 0.4213 | 167.1           | 16 484                          | 58 693                          |      | % |  |  |   |
| 10 450                                                                                                                             | 32 562                          | 22.51            | 56.65            | 38.02            | 0.1921 | 0.4834 | 0.3244 | 141.4           | 18 493                          | -1 493c                         |      | % |  |  |   |
| 12 460                                                                                                                             | 32 564                          | 21.57            | 57.41            | 24.27            | 0.2089 | 0.5559 | 0.2351 | 125.2           | 20 503                          | -1 503c                         |      | % |  |  |   |
| 13 465                                                                                                                             | 33 566                          | 22.22            | 58.48            | 18.53            | 0.2239 | 0.5892 | 0.1867 | 118.3           | 22 512                          | -1 512c                         |      | % |  |  |   |
| 14 470                                                                                                                             | 34 570                          | 24.32            | 60.63            | 13.78            | 0.2462 | 0.614  | 0.1396 | 111.7           | 24 521                          | -1 521c                         |      | % |  |  |   |
| 15 475                                                                                                                             | 35 576                          | 29.05            | 64.51            | 10.07            | 0.2803 | 0.6224 | 0.0971 | 104.3           | 26 531                          | -1 531c                         | Gm   | % |  |  |   |
| 16 480                                                                                                                             | 38 590                          | 41.29            | 72.88            | 7.29             | 0.3399 | 0.6    | 0.06   | 91.8            | 28 543                          | -1 543c                         |      | % |  |  |   |
| 17 485                                                                                                                             | -1 485c                         | 83.47            | 92.6             | 5.28             | 0.4602 | 0.5105 | 0.0291 | 53.2            | 32 563                          | 11 458                          |      | % |  |  |   |
| 18 490                                                                                                                             | -1 490c                         | 83.43            | 91.1             | 3.82             | 0.4677 | 0.5107 | 0.0214 | 51.5            | 32 564                          | 12 460                          | max  | % |  |  |   |
| 19 495                                                                                                                             | -1 495c                         | 83.41            | 89.32            | 2.74             | 0.4753 | 0.509  | 0.0156 | 49.5            | 33 565                          | 12 462                          |      | % |  |  |   |
| 20 500                                                                                                                             | -1 500c                         | 83.37            | 87.23            | 1.95             | 0.4831 | 0.5055 | 0.0113 | 47.1            | 33 566                          | 12 464                          |      | % |  |  |   |
| 21 510                                                                                                                             | -1 509c                         | 83.25            | 84.82            | 1.37             | 0.4912 | 0.5005 | 0.0081 | 44.4            | 33 567                          | 13 466                          |      | % |  |  |   |
| 24 520                                                                                                                             | -1 520c                         | 81.99            | 75.59            | 0.44             | 0.5188 | 0.4783 | 0.0027 | 34.7            | 34 571                          | 14 471                          | Ym   | % |  |  |   |
| 25 530                                                                                                                             | -1 529c                         | 81.09            | 71.83            | 0.27             | 0.5293 | 0.4688 | 0.0018 | 31.0            | 34 573                          | 14 473                          |      | % |  |  |   |
| 28 540                                                                                                                             | -1 540c                         | 76.53            | 59.32            | 0.04             | 0.5631 | 0.4365 | 0.0002 | 19.6            | 35 579                          | 15 476                          |      | % |  |  |   |
| 29 545                                                                                                                             | -1 545c                         | 74.34            | 54.91            | 0.01             | 0.575  | 0.4248 | 0.0001 | 16.0            | 36 581                          | 15 477                          |      | % |  |  |   |
| 29 550                                                                                                                             | -1 549c                         | 74.34            | 54.91            | 0.01             | 0.575  | 0.4248 | 0.0001 | 16.0            | 36 581                          | 15 477                          |      | % |  |  |   |
| 31 555                                                                                                                             | -1 555c                         | 68.87            | 46.06            | 0.0              | 0.5991 | 0.4008 | 0.0    | 9.3             | 37 587                          | 15 479                          |      | % |  |  |   |
| 32 560                                                                                                                             | 2 411                           | 66.04            | 41.79            | 2.01             | 0.6012 | 0.3804 | 0.0183 | 4.7             | 38 591                          | 16 480                          |      | % |  |  |   |
| 380                                                                                                                                | 770                             | 96.72            | 99.99            | 81.41            | 0.3477 | 0.3595 | 0.2927 | 0.0             |                                 |                                 |      | % |  |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für D50, Y <sub>w,10</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementär |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                           | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 31 559                                                                                                                                    | 1 405                           | 67.68            | 44.04            | 1.19             | 0.5993 | 0.39   | 0.0106 | 6.9             | 37 589                          | 15 479                          | Rm   | % |  |  |   |
| 32 561                                                                                                                                    | 7 435                           | 71.05            | 43.57            | 21.62            | 0.5214 | 0.3198 | 0.1587 | 347.1           | 58 693                          | 16 484                          |      | % |  |  |   |
| 32 562                                                                                                                                    | 10 450                          | 74.21            | 43.34            | 43.39            | 0.461  | 0.2693 | 0.2695 | 321.4           | -1 493c                         | 18 493                          |      | % |  |  |   |
| 32 564                                                                                                                                    | 12 460                          | 75.15            | 42.58            | 57.13            | 0.4297 | 0.2435 | 0.3267 | 305.2           | -1 503c                         | 20 503                          |      | % |  |  |   |
| 33 566                                                                                                                                    | 13 465                          | 74.5             | 41.51            | 62.87            | 0.4164 | 0.232  | 0.3514 | 298.3           | -1 512c                         | 22 512                          |      | % |  |  |   |
| 34 570                                                                                                                                    | 14 470                          | 72.4             | 39.36            | 67.62            | 0.4036 | 0.2194 | 0.3769 | 291.7           | -1 521c                         | 24 521                          |      | % |  |  |   |
| 35 576                                                                                                                                    | 15 475                          | 67.66            | 35.48            | 71.33            | 0.3877 | 0.2033 | 0.4088 | 284.4           | -1 531c                         | 26 531                          | Mm   | % |  |  |   |
| 38 590                                                                                                                                    | 16 480                          | 55.43            | 27.11            | 74.11            | 0.3538 | 0.173  | 0.473  | 271.8           | -1 543c                         | 28 543                          |      | % |  |  |   |
| -1 485c                                                                                                                                   | 17 485                          | 13.25            | 7.39             | 76.12            | 0.1369 | 0.0764 | 0.7866 | 233.3           | 11 458                          | 32 563                          |      | % |  |  |   |
| -1 490c                                                                                                                                   | 18 490                          | 13.29            | 8.89             | 77.58            | 0.1332 | 0.0891 | 0.7775 | 231.5           | 12 460                          | 32 564                          | min  | % |  |  |   |
| -1 495c                                                                                                                                   | 19 495                          | 13.31            | 10.67            | 78.66            | 0.1296 | 0.104  | 0.7663 | 229.5           | 12 462                          | 33 565                          |      | % |  |  |   |
| -1 500c                                                                                                                                   | 20 500                          | 13.35            | 12.76            | 79.45            | 0.1264 | 0.1208 | 0.7526 | 227.1           | 12 464                          | 33 566                          |      | % |  |  |   |
| -1 509c                                                                                                                                   | 21 510                          | 13.46            | 15.17            | 80.03            | 0.1239 | 0.1396 | 0.7364 | 224.5           | 13 466                          | 33 567                          |      | % |  |  |   |
| -1 520c                                                                                                                                   | 24 520                          | 14.72            | 24.4             | 80.97            | 0.1226 | 0.2032 | 0.6741 | 214.7           | 14 471                          | 34 571                          | Bm   | % |  |  |   |
| -1 529c                                                                                                                                   | 25 530                          | 15.63            | 28.16            | 81.13            | 0.1251 | 0.2254 | 0.6494 | 211.0           | 14 473                          | 34 573                          |      | % |  |  |   |
| -1 540c                                                                                                                                   | 28 540                          | 20.18            | 40.67            | 81.37            | 0.1419 | 0.2859 | 0.572  | 199.6           | 15 476                          | 35 579                          |      | % |  |  |   |
| -1 545c                                                                                                                                   | 29 545                          | 22.38            | 45.08            | 81.39            | 0.1503 | 0.3028 | 0.5467 | 196.0           | 15 477                          | 36 581                          |      | % |  |  |   |
| -1 549c                                                                                                                                   | 29 550                          | 22.38            | 45.08            | 81.39            | 0.1503 | 0.3028 | 0.5467 | 196.0           | 15 477                          | 36 581                          |      | % |  |  |   |
| -1 555c                                                                                                                                   | 31 555                          | 27.85            | 53.93            | 81.41            | 0.1706 | 0.3304 | 0.4988 | 189.3           | 15 479                          | 37 587                          |      | % |  |  |   |
| 2 411                                                                                                                                     | 32 560                          | 30.68            | 58.2             | 79.4             | 0.1823 | 0.3458 | 0.4718 | 184.7           | 16 480                          | 38 591                          |      | % |  |  |   |
| 380                                                                                                                                       | 770                             | 96.72            | 99.99            | 81.41            | 0.3477 | 0.3595 | 0.2927 | 0.0             |                                 |                                 |      | % |  |  |   |

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| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für P40, Y <sub>w</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |        |         |     |   | % |   |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|--------|---------|-----|---|---|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                 | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code   | %       |     |   | % |   |
| 0                                                                                                                               | 405                             | 33               | 568              | 28.76            | 56.58  | 64.26  | 0.1922 | 0.3782          | 0.4295                          | 179.4                           | 17 488 | 38 594  | Cm  | % |   | % |
| 7                                                                                                                               | 435                             | 33               | 568              | 25.87            | 56.85  | 48.49  | 0.1971 | 0.4333          | 0.3695                          | 162.7                           | 18 493 | 54 674  |     | % |   | % |
| 10                                                                                                                              | 450                             | 33               | 569              | 23.49            | 57.27  | 33.07  | 0.2063 | 0.5031          | 0.2905                          | 143.8                           | 19 499 | -1 499c |     | % |   | % |
| 12                                                                                                                              | 460                             | 34               | 570              | 22.45            | 57.79  | 22.67  | 0.2181 | 0.5615          | 0.2202                          | 131.1                           | 21 507 | -1 507c |     | % |   | % |
| 13                                                                                                                              | 465                             | 34               | 571              | 22.44            | 58.31  | 18.03  | 0.2271 | 0.5902          | 0.1825                          | 125.5                           | 22 512 | -1 512c |     | % |   | % |
| 14                                                                                                                              | 470                             | 34               | 572              | 22.98            | 59.17  | 14.1   | 0.2388 | 0.6147          | 0.1464                          | 120.6                           | 23 519 | -1 519c |     | % |   | % |
| 14                                                                                                                              | 475                             | 34               | 574              | 24.77            | 61.12  | 14.1   | 0.2477 | 0.6111          | 0.141                           | 119.3                           | 24 522 | -1 522c | Gm  | % |   | % |
| 15                                                                                                                              | 480                             | 35               | 578              | 27.65            | 63.82  | 10.88  | 0.2701 | 0.6234          | 0.1063                          | 113.9                           | 26 531 | -1 531c |     | % |   | % |
| 17                                                                                                                              | 485                             | 37               | 585              | 33.55            | 68.02  | 6.37   | 0.3108 | 0.6301          | 0.059                           | 105.2                           | 28 543 | -1 543c |     | % |   | % |
| 17                                                                                                                              | 490                             | 40               | 600              | 50.32            | 79.03  | 6.38   | 0.3707 | 0.5822          | 0.047                           | 92.5                            | 30 554 | -1 554c | max | % |   | % |
| 19                                                                                                                              | 495                             | -1               | 495c             | 90.57            | 94.87  | 3.66   | 0.4789 | 0.5016          | 0.0193                          | 51.6                            | 34 571 | 12 464  |     | % |   | % |
| 20                                                                                                                              | 500                             | -1               | 500c             | 90.56            | 93.44  | 2.71   | 0.485  | 0.5004          | 0.0145                          | 49.6                            | 34 571 | 13 467  |     | % |   | % |
| 21                                                                                                                              | 510                             | -1               | 509c             | 90.54            | 91.62  | 1.97   | 0.4916 | 0.4975          | 0.0107                          | 47.2                            | 34 572 | 13 469  |     | % |   | % |
| 24                                                                                                                              | 520                             | -1               | 520c             | 89.9             | 83.41  | 0.74   | 0.5164 | 0.4792          | 0.0042                          | 36.9                            | 35 575 | 15 476  | Ym  | % |   | % |
| 26                                                                                                                              | 530                             | -1               | 530c             | 88.44            | 75.94  | 0.37   | 0.5368 | 0.4609          | 0.0022                          | 28.2                            | 35 578 | 16 480  |     | % |   | % |
| 27                                                                                                                              | 540                             | -1               | 539c             | 87.29            | 71.77  | 0.26   | 0.5478 | 0.4504          | 0.0016                          | 23.7                            | 36 580 | 16 481  |     | % |   | % |
| 29                                                                                                                              | 545                             | -1               | 545c             | 84.0             | 62.86  | 0.13   | 0.5714 | 0.4276          | 0.0009                          | 14.9                            | 36 584 | 16 484  |     | % |   | % |
| 29                                                                                                                              | 550                             | -1               | 549c             | 84.0             | 62.86  | 0.13   | 0.5714 | 0.4276          | 0.0009                          | 14.9                            | 36 584 | 16 484  |     | % |   | % |
| 31                                                                                                                              | 555                             | -1               | 555c             | 79.18            | 53.5   | 0.07   | 0.5963 | 0.403           | 0.0006                          | 6.9                             | 37 588 | 17 486  |     | % |   | % |
| 32                                                                                                                              | 560                             | -1               | 560c             | 76.14            | 48.79  | 0.06   | 0.6091 | 0.3903          | 0.0005                          | 3.4                             | 38 591 | 17 487  |     | % |   | % |
| 380                                                                                                                             | 770                             | 100.93           | 100.0            | 64.68            | 0.3799 | 0.3764 | 0.2435 | 0.0             |                                 |                                 |        |         |     | % |   | % |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für P40, Y <sub>w</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementär% |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  |  |  |   |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |  |  |   |
| 33 568                                                                                                                                  | 0 405                           | 72.16            | 43.41            | 0.42             | 0.622  | 0.3742 | 0.0037 | 359.4           | 38 594                          | 17 488                          | Rm   | % |  |  |  |  |   |
| 33 568                                                                                                                                  | 7 435                           | 75.05            | 43.14            | 16.19            | 0.5584 | 0.3209 | 0.1205 | 342.7           | 54 674                          | 18 493                          |      | % |  |  |  |  |   |
| 33 569                                                                                                                                  | 10 450                          | 77.43            | 42.72            | 31.61            | 0.5102 | 0.2814 | 0.2082 | 323.9           | −1 499c                         | 19 499                          |      | % |  |  |  |  |   |
| 34 570                                                                                                                                  | 12 460                          | 78.47            | 42.2             | 42.01            | 0.4823 | 0.2594 | 0.2582 | 311.1           | −1 507c                         | 21 507                          |      | % |  |  |  |  |   |
| 34 571                                                                                                                                  | 13 465                          | 78.48            | 41.68            | 46.65            | 0.4704 | 0.2498 | 0.2796 | 305.5           | −1 512c                         | 22 512                          |      | % |  |  |  |  |   |
| 34 572                                                                                                                                  | 14 470                          | 77.94            | 40.82            | 50.58            | 0.4602 | 0.241  | 0.2987 | 300.6           | −1 519c                         | 23 519                          |      | % |  |  |  |  |   |
| 34 574                                                                                                                                  | 14 475                          | 76.15            | 38.87            | 50.58            | 0.4598 | 0.2347 | 0.3054 | 299.4           | −1 522c                         | 24 522                          | Mm   | % |  |  |  |  |   |
| 35 578                                                                                                                                  | 15 480                          | 73.27            | 36.17            | 53.8             | 0.4488 | 0.2215 | 0.3295 | 294.0           | −1 531c                         | 26 531                          |      | % |  |  |  |  |   |
| 37 585                                                                                                                                  | 17 485                          | 67.37            | 31.97            | 58.31            | 0.4273 | 0.2028 | 0.3698 | 285.2           | −1 543c                         | 28 543                          |      | % |  |  |  |  |   |
| 40 600                                                                                                                                  | 17 490                          | 50.61            | 20.96            | 58.3             | 0.3896 | 0.1614 | 0.4488 | 272.6           | −1 554c                         | 30 554                          | min  | % |  |  |  |  |   |
| −1 495c                                                                                                                                 | 19 495                          | 10.35            | 5.12             | 61.02            | 0.1353 | 0.0669 | 0.7977 | 231.6           | 12 464                          | 34 571                          |      | % |  |  |  |  |   |
| −1 500c                                                                                                                                 | 20 500                          | 10.36            | 6.55             | 61.97            | 0.1313 | 0.083  | 0.7855 | 229.7           | 13 467                          | 34 571                          |      | % |  |  |  |  |   |
| −1 509c                                                                                                                                 | 21 510                          | 10.38            | 8.37             | 62.71            | 0.1275 | 0.1028 | 0.7696 | 227.3           | 13 469                          | 34 572                          |      | % |  |  |  |  |   |
| −1 520c                                                                                                                                 | 24 520                          | 11.02            | 16.58            | 63.94            | 0.1204 | 0.1811 | 0.6984 | 216.9           | 15 476                          | 35 575                          | Bm   | % |  |  |  |  |   |
| −1 530c                                                                                                                                 | 26 530                          | 12.48            | 24.05            | 64.31            | 0.1237 | 0.2385 | 0.6377 | 208.3           | 16 480                          | 35 578                          |      | % |  |  |  |  |   |
| −1 539c                                                                                                                                 | 27 540                          | 13.63            | 28.22            | 64.42            | 0.1282 | 0.2655 | 0.6061 | 203.7           | 16 481                          | 36 580                          |      | % |  |  |  |  |   |
| −1 545c                                                                                                                                 | 29 545                          | 16.92            | 37.13            | 64.55            | 0.1427 | 0.313  | 0.5442 | 194.9           | 16 484                          | 36 584                          |      | % |  |  |  |  |   |
| −1 549c                                                                                                                                 | 29 550                          | 16.92            | 37.13            | 64.55            | 0.1427 | 0.313  | 0.5442 | 194.9           | 16 484                          | 36 584                          |      | % |  |  |  |  |   |
| −1 555c                                                                                                                                 | 31 555                          | 21.74            | 46.49            | 64.6             | 0.1636 | 0.3499 | 0.4863 | 186.9           | 17 486                          | 37 588                          |      | % |  |  |  |  |   |
| −1 560c                                                                                                                                 | 32 560                          | 24.79            | 51.2             | 64.62            | 0.1762 | 0.3641 | 0.4595 | 183.4           | 17 487                          | 38 591                          |      | % |  |  |  |  |   |
| 380                                                                                                                                     | 770                             | 100.93           | 100.0            | 64.68            | 0.3799 | 0.3764 | 0.2435 | 0.0             |                                 |                                 |      |   |  |  |  |  | % |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für P40, Y <sub>w,10</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |        |         |     |   | % |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|--------|---------|-----|---|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                    | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code   |         |     | % |   |
| 0                                                                                                                                  | 405                             | 32               | 563              | 28.47            | 54.51  | 64.02  | 0.1937 | 0.3708          | 0.4354                          | 181.4                           | 16 481 | 38 591  | Cm  | % |   |
| 7                                                                                                                                  | 435                             | 32               | 564              | 25.4             | 54.82  | 45.87  | 0.2014 | 0.4347          | 0.3638                          | 161.8                           | 17 487 | -1 487c |     | % |   |
| 10                                                                                                                                 | 450                             | 33               | 565              | 23.18            | 55.07  | 29.74  | 0.2146 | 0.5099          | 0.2753                          | 141.2                           | 19 495 | -1 495c |     | % |   |
| 12                                                                                                                                 | 460                             | 33               | 567              | 22.73            | 55.74  | 19.55  | 0.2319 | 0.5686          | 0.1994                          | 127.9                           | 21 505 | -1 505c |     | % |   |
| 12                                                                                                                                 | 465                             | 33               | 568              | 24.04            | 57.17  | 19.55  | 0.2386 | 0.5673          | 0.194                           | 126.8                           | 21 506 | -1 506c |     | % |   |
| 14                                                                                                                                 | 470                             | 34               | 571              | 25.22            | 58.4   | 11.45  | 0.2652 | 0.6142          | 0.1204                          | 116.0                           | 24 521 | -1 521c |     | % |   |
| 15                                                                                                                                 | 475                             | 35               | 576              | 29.04            | 61.5   | 8.53   | 0.2931 | 0.6206          | 0.0861                          | 109.9                           | 26 531 | -1 531c | Gm  | % |   |
| 16                                                                                                                                 | 480                             | 37               | 585              | 38.18            | 67.98  | 6.3    | 0.3394 | 0.6044          | 0.056                           | 100.5                           | 28 542 | -1 542c |     | % |   |
| 17                                                                                                                                 | 485                             | 42               | 611              | 65.29            | 82.81  | 4.63   | 0.4274 | 0.5421          | 0.0303                          | 74.7                            | 31 558 | -1 558c |     | % |   |
| 17                                                                                                                                 | 490                             | -1               | 489c             | 91.31            | 94.15  | 4.63   | 0.4803 | 0.4952          | 0.0243                          | 50.6                            | 33 566 | 11 458  | max | % |   |
| 19                                                                                                                                 | 495                             | -1               | 495c             | 91.26            | 91.34  | 2.45   | 0.4931 | 0.4935          | 0.0132                          | 46.7                            | 33 568 | 12 463  |     | % |   |
| 20                                                                                                                                 | 500                             | -1               | 500c             | 91.22            | 89.52  | 1.76   | 0.4998 | 0.4905          | 0.0096                          | 44.3                            | 33 569 | 13 465  |     | % |   |
| 22                                                                                                                                 | 510                             | -1               | 510c             | 90.92            | 84.94  | 0.88   | 0.5143 | 0.4805          | 0.005                           | 38.4                            | 34 571 | 13 469  |     | % |   |
| 23                                                                                                                                 | 520                             | -1               | 519c             | 90.55            | 82.13  | 0.61   | 0.5225 | 0.4739          | 0.0035                          | 35.0                            | 34 572 | 14 471  | Ym  | % |   |
| 25                                                                                                                                 | 530                             | -1               | 529c             | 89.15            | 75.59  | 0.25   | 0.5403 | 0.4581          | 0.0015                          | 27.5                            | 35 575 | 14 474  |     | % |   |
| 28                                                                                                                                 | 540                             | -1               | 540c             | 84.88            | 63.89  | 0.03   | 0.5703 | 0.4293          | 0.0002                          | 15.9                            | 36 581 | 15 477  |     | % |   |
| 28                                                                                                                                 | 545                             | -1               | 544c             | 84.88            | 63.89  | 0.03   | 0.5703 | 0.4293          | 0.0002                          | 15.9                            | 36 581 | 15 477  |     | % |   |
| 30                                                                                                                                 | 550                             | -1               | 550c             | 80.29            | 55.35  | 0.0    | 0.5919 | 0.408           | 0.0                             | 8.7                             | 37 585 | 15 479  |     | % |   |
| 31                                                                                                                                 | 555                             | -1               | 555c             | 77.38            | 50.95  | 0.0    | 0.6029 | 0.397           | 0.0                             | 5.5                             | 37 587 | 16 480  |     | % |   |
| 31                                                                                                                                 | 560                             | -1               | 559c             | 77.38            | 50.95  | 0.0    | 0.6029 | 0.397           | 0.0                             | 5.5                             | 37 587 | 16 480  |     | % |   |
| 380                                                                                                                                | 770                             | 101.75           | 100.0            | 64.44            | 0.3822 | 0.3756 | 0.2421 | 0.0             |                                 |                                 |        |         |     | % |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für P40, Y <sub>w,10</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementär |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                           | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |  |
| 32 563                                                                                                                                    | 0 405                           | 73.27            | 45.48            | 0.42             | 0.6147 | 0.3816 | 0.0035 | 1.4             | 38 591                          | 16 481                          | Rm   | % |  |  |  |
| 32 564                                                                                                                                    | 7 435                           | 76.34            | 45.17            | 18.57            | 0.5449 | 0.3224 | 0.1325 | 341.9           | −1 487c                         | 17 487                          |      | % |  |  |  |
| 33 565                                                                                                                                    | 10 450                          | 78.57            | 44.92            | 34.7             | 0.4966 | 0.2839 | 0.2193 | 321.3           | −1 495c                         | 19 495                          |      | % |  |  |  |
| 33 567                                                                                                                                    | 12 460                          | 79.01            | 44.25            | 44.88            | 0.4698 | 0.2631 | 0.2669 | 307.9           | −1 505c                         | 21 505                          |      | % |  |  |  |
| 33 568                                                                                                                                    | 12 465                          | 77.7             | 42.82            | 44.88            | 0.4697 | 0.2589 | 0.2713 | 306.8           | −1 506c                         | 21 506                          |      | % |  |  |  |
| 34 571                                                                                                                                    | 14 470                          | 76.52            | 41.59            | 52.99            | 0.4472 | 0.243  | 0.3096 | 296.1           | −1 521c                         | 24 521                          |      | % |  |  |  |
| 35 576                                                                                                                                    | 15 475                          | 72.7             | 38.49            | 55.9             | 0.435  | 0.2303 | 0.3345 | 290.0           | −1 531c                         | 26 531                          | Mm   | % |  |  |  |
| 37 585                                                                                                                                    | 16 480                          | 63.56            | 32.01            | 58.13            | 0.4135 | 0.2082 | 0.3782 | 280.6           | −1 542c                         | 28 542                          |      | % |  |  |  |
| 42 611                                                                                                                                    | 17 485                          | 36.45            | 17.18            | 59.81            | 0.3213 | 0.1514 | 0.5272 | 254.8           | −1 558c                         | 31 558                          |      | % |  |  |  |
| −1 489c                                                                                                                                   | 17 490                          | 10.43            | 5.84             | 59.81            | 0.1371 | 0.0767 | 0.786  | 230.6           | 11 458                          | 33 566                          | min  | % |  |  |  |
| −1 495c                                                                                                                                   | 19 495                          | 10.48            | 8.65             | 61.99            | 0.1292 | 0.1066 | 0.764  | 226.7           | 12 463                          | 33 568                          |      | % |  |  |  |
| −1 500c                                                                                                                                   | 20 500                          | 10.52            | 10.47            | 62.68            | 0.1257 | 0.1251 | 0.7491 | 224.3           | 13 465                          | 33 569                          |      | % |  |  |  |
| −1 510c                                                                                                                                   | 22 510                          | 10.83            | 15.05            | 63.55            | 0.121  | 0.1683 | 0.7106 | 218.4           | 13 469                          | 34 571                          |      | % |  |  |  |
| −1 519c                                                                                                                                   | 23 520                          | 11.19            | 17.86            | 63.83            | 0.1205 | 0.1922 | 0.6871 | 215.0           | 14 471                          | 34 572                          | Bm   | % |  |  |  |
| −1 529c                                                                                                                                   | 25 530                          | 12.59            | 24.4             | 64.18            | 0.1244 | 0.2412 | 0.6343 | 207.5           | 14 474                          | 35 575                          |      | % |  |  |  |
| −1 540c                                                                                                                                   | 28 540                          | 16.86            | 36.1             | 64.4             | 0.1436 | 0.3075 | 0.5487 | 195.9           | 15 477                          | 36 581                          |      | % |  |  |  |
| −1 544c                                                                                                                                   | 28 545                          | 16.86            | 36.1             | 64.4             | 0.1436 | 0.3075 | 0.5487 | 195.9           | 15 477                          | 36 581                          |      | % |  |  |  |
| −1 550c                                                                                                                                   | 30 550                          | 21.45            | 44.64            | 64.44            | 0.1643 | 0.342  | 0.4936 | 188.7           | 15 479                          | 37 585                          |      | % |  |  |  |
| −1 555c                                                                                                                                   | 31 555                          | 24.36            | 49.04            | 64.44            | 0.1767 | 0.3557 | 0.4675 | 185.5           | 16 480                          | 37 587                          |      | % |  |  |  |
| −1 559c                                                                                                                                   | 31 560                          | 24.36            | 49.04            | 64.44            | 0.1767 | 0.3557 | 0.4675 | 185.5           | 16 480                          | 37 587                          |      | % |  |  |  |
| 380                                                                                                                                       | 770                             | 101.75           | 100.0            | 64.44            | 0.3822 | 0.3756 | 0.2421 | 0.0             |                                 |                                 |      | % |  |  |  |

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Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für A00, Y <sub>w</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                 | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 1 405                                                                                                                           | 34 574                          | 27.6             | 54.67            | 35.28            | 0.2347 | 0.465  | 0.3001 | 164.8           | 18 494                          | 39 599                          | Cm   | % |  |  |   |
| 6 435                                                                                                                           | 34 574                          | 26.83            | 54.85            | 30.55            | 0.239  | 0.4887 | 0.2722 | 158.6           | 19 496                          | 42 611                          |      | % |  |  |   |
| 9 450                                                                                                                           | 34 574                          | 25.76            | 55.12            | 23.32            | 0.2472 | 0.5289 | 0.2237 | 148.7           | 20 501                          | −1 501c                         |      | % |  |  |   |
| 12 460                                                                                                                          | 35 575                          | 24.7             | 55.33            | 14.75            | 0.2606 | 0.5837 | 0.1556 | 136.6           | 21 508                          | −1 508c                         |      | % |  |  |   |
| 13 465                                                                                                                          | 35 575                          | 24.73            | 55.6             | 12.04            | 0.2677 | 0.6018 | 0.1303 | 132.7           | 22 512                          | −1 512c                         |      | % |  |  |   |
| 13 470                                                                                                                          | 35 576                          | 25.43            | 56.26            | 12.04            | 0.2712 | 0.6001 | 0.1285 | 132.4           | 22 513                          | −1 513c                         |      | % |  |  |   |
| 14 475                                                                                                                          | 35 577                          | 26.19            | 57.11            | 9.67             | 0.2817 | 0.6142 | 0.104  | 128.7           | 23 519                          | −1 519c                         | Gm   | % |  |  |   |
| 16 480                                                                                                                          | 35 579                          | 27.57            | 58.19            | 6.02             | 0.3003 | 0.6339 | 0.0656 | 123.0           | 26 532                          | −1 532c                         |      | % |  |  |   |
| 17 485                                                                                                                          | 36 582                          | 30.76            | 60.55            | 4.72             | 0.3202 | 0.6305 | 0.0491 | 119.6           | 28 540                          | −1 540c                         |      | % |  |  |   |
| 18 490                                                                                                                          | 37 588                          | 37.17            | 64.98            | 3.68             | 0.3512 | 0.6139 | 0.0348 | 114.9           | 29 548                          | −1 548c                         | max  | % |  |  |   |
| 19 495                                                                                                                          | 40 601                          | 53.48            | 74.48            | 2.85             | 0.4088 | 0.5693 | 0.0218 | 103.4           | 31 559                          | −1 559c                         |      | % |  |  |   |
| 20 500                                                                                                                          | −1 500c                         | 104.46           | 95.67            | 2.17             | 0.5163 | 0.4728 | 0.0107 | 43.5            | 35 576                          | 13 469                          |      | % |  |  |   |
| 21 510                                                                                                                          | −1 509c                         | 104.44           | 94.31            | 1.62             | 0.5212 | 0.4706 | 0.0081 | 40.5            | 35 576                          | 14 472                          |      | % |  |  |   |
| 24 520                                                                                                                          | −1 520c                         | 103.93           | 87.81            | 0.66             | 0.5401 | 0.4563 | 0.0034 | 27.8            | 35 579                          | 16 480                          | Ym   | % |  |  |   |
| 26 530                                                                                                                          | −1 530c                         | 102.7            | 81.5             | 0.35             | 0.5564 | 0.4416 | 0.0019 | 17.4            | 36 582                          | 16 484                          |      | % |  |  |   |
| 28 540                                                                                                                          | −1 540c                         | 100.37           | 73.92            | 0.18             | 0.5752 | 0.4236 | 0.001  | 7.2             | 37 585                          | 17 487                          |      | % |  |  |   |
| 28 545                                                                                                                          | −1 544c                         | 100.37           | 73.92            | 0.18             | 0.5752 | 0.4236 | 0.001  | 7.2             | 37 585                          | 17 487                          |      | % |  |  |   |
| 29 550                                                                                                                          | −1 549c                         | 98.69            | 69.75            | 0.13             | 0.5854 | 0.4137 | 0.0008 | 2.6             | 37 586                          | 17 489                          |      | % |  |  |   |
| 31 555                                                                                                                          | −1 555c                         | 94.09            | 60.83            | 0.08             | 0.6069 | 0.3924 | 0.0005 | 354.6           | 38 590                          | 18 491                          |      | % |  |  |   |
| 32 560                                                                                                                          | −1 560c                         | 91.08            | 56.18            | 0.06             | 0.6182 | 0.3813 | 0.0004 | 351.3           | 38 593                          | 18 492                          |      | % |  |  |   |
| 380                                                                                                                             | 770                             | 109.84           | 99.99            | 35.58            | 0.4475 | 0.4074 | 0.1449 | 0.0             |                                 |                                 |      | % |  |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für A00, Y <sub>w</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementär% |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |
| 34 574                                                                                                                                  | 1 405                           | 82.24            | 45.32            | 0.3              | 0.6431 | 0.3544 | 0.0023 | 344.8           | 39 599                          | 18 494                          | Rm   | % |  |  |
| 34 574                                                                                                                                  | 6 435                           | 83.01            | 45.14            | 5.02             | 0.6233 | 0.3389 | 0.0377 | 338.7           | 42 611                          | 19 496                          |      | % |  |  |
| 34 574                                                                                                                                  | 9 450                           | 84.08            | 44.87            | 12.26            | 0.5954 | 0.3177 | 0.0868 | 328.7           | -1 501c                         | 20 501                          |      | % |  |  |
| 35 575                                                                                                                                  | 12 460                          | 85.14            | 44.66            | 20.83            | 0.5651 | 0.2965 | 0.1382 | 316.7           | -1 508c                         | 21 508                          |      | % |  |  |
| 35 575                                                                                                                                  | 13 465                          | 85.11            | 44.39            | 23.53            | 0.5561 | 0.29   | 0.1537 | 312.7           | -1 512c                         | 22 512                          |      | % |  |  |
| 35 576                                                                                                                                  | 13 470                          | 84.41            | 43.73            | 23.53            | 0.5565 | 0.2883 | 0.1551 | 312.4           | -1 513c                         | 22 513                          |      | % |  |  |
| 35 577                                                                                                                                  | 14 475                          | 83.65            | 42.88            | 25.91            | 0.5487 | 0.2813 | 0.1699 | 308.7           | -1 519c                         | 23 519                          | Mm   | % |  |  |
| 35 579                                                                                                                                  | 16 480                          | 82.27            | 41.8             | 29.55            | 0.5355 | 0.272  | 0.1923 | 303.0           | -1 532c                         | 26 532                          |      | % |  |  |
| 36 582                                                                                                                                  | 17 485                          | 79.08            | 39.44            | 30.85            | 0.5294 | 0.264  | 0.2065 | 299.7           | -1 540c                         | 28 540                          |      | % |  |  |
| 37 588                                                                                                                                  | 18 490                          | 72.67            | 35.01            | 31.89            | 0.5206 | 0.2508 | 0.2285 | 295.0           | -1 548c                         | 29 548                          | min  | % |  |  |
| 40 601                                                                                                                                  | 19 495                          | 56.36            | 25.51            | 32.72            | 0.4918 | 0.2226 | 0.2855 | 283.4           | -1 559c                         | 31 559                          |      | % |  |  |
| -1 500c                                                                                                                                 | 20 500                          | 5.38             | 4.32             | 33.4             | 0.1248 | 0.1002 | 0.7748 | 223.5           | 13 469                          | 35 576                          |      | % |  |  |
| -1 509c                                                                                                                                 | 21 510                          | 5.39             | 5.68             | 33.95            | 0.1198 | 0.1262 | 0.7538 | 220.6           | 14 472                          | 35 576                          |      | % |  |  |
| -1 520c                                                                                                                                 | 24 520                          | 5.91             | 12.18            | 34.91            | 0.1115 | 0.2298 | 0.6586 | 207.8           | 16 480                          | 35 579                          | Bm   | % |  |  |
| -1 530c                                                                                                                                 | 26 530                          | 7.14             | 18.49            | 35.23            | 0.1173 | 0.3037 | 0.5788 | 197.4           | 16 484                          | 36 582                          |      | % |  |  |
| -1 540c                                                                                                                                 | 28 540                          | 9.47             | 26.07            | 35.39            | 0.1335 | 0.3674 | 0.4989 | 187.2           | 17 487                          | 37 585                          |      | % |  |  |
| -1 544c                                                                                                                                 | 28 545                          | 9.47             | 26.07            | 35.39            | 0.1335 | 0.3674 | 0.4989 | 187.2           | 17 487                          | 37 585                          |      | % |  |  |
| -1 549c                                                                                                                                 | 29 550                          | 11.15            | 30.24            | 35.44            | 0.1451 | 0.3935 | 0.4612 | 182.6           | 17 489                          | 37 586                          |      | % |  |  |
| -1 555c                                                                                                                                 | 31 555                          | 15.75            | 39.16            | 35.49            | 0.1742 | 0.4331 | 0.3926 | 174.6           | 18 491                          | 38 590                          |      | % |  |  |
| -1 560c                                                                                                                                 | 32 560                          | 18.75            | 43.81            | 35.51            | 0.1912 | 0.4466 | 0.362  | 171.2           | 18 492                          | 38 593                          |      | % |  |  |
| 380                                                                                                                                     | 770                             | 109.84           | 99.99            | 35.58            | 0.4475 | 0.4074 | 0.1449 | 0.0             |                                 |                                 |      | % |  |  |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für A00, Y <sub>w,10</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                    | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 1 405                                                                                                                              | 34 570                          | 27.56            | 52.26            | 34.82            | 0.2404 | 0.4558 | 0.3037 | 166.6           | 17 487                          | 39 597                          | Cm   | % |  |  |   |
| 7 435                                                                                                                              | 34 570                          | 26.38            | 52.46            | 26.9             | 0.2494 | 0.4961 | 0.2544 | 155.8           | 18 491                          | 47 639                          |      | % |  |  |   |
| 9 450                                                                                                                              | 34 571                          | 25.88            | 52.77            | 21.46            | 0.2584 | 0.5271 | 0.2144 | 147.8           | 19 495                          | -1 495c                         |      | % |  |  |   |
| 12 460                                                                                                                             | 34 572                          | 25.18            | 53.0             | 12.78            | 0.2768 | 0.5826 | 0.1405 | 134.6           | 21 505                          | -1 505c                         |      | % |  |  |   |
| 13 465                                                                                                                             | 34 573                          | 25.59            | 53.47            | 10.16            | 0.2867 | 0.5992 | 0.1139 | 130.3           | 22 512                          | -1 512c                         |      | % |  |  |   |
| 14 470                                                                                                                             | 34 574                          | 26.64            | 54.4             | 7.89             | 0.2995 | 0.6116 | 0.0887 | 126.3           | 24 520                          | -1 520c                         |      | % |  |  |   |
| 15 475                                                                                                                             | 35 576                          | 28.78            | 55.98            | 6.04             | 0.3169 | 0.6164 | 0.0665 | 122.5           | 25 528                          | -1 528c                         | Gm   | % |  |  |   |
| 16 480                                                                                                                             | 36 581                          | 33.1             | 59.09            | 4.58             | 0.342  | 0.6105 | 0.0474 | 118.0           | 27 537                          | -1 537c                         |      | % |  |  |   |
| 17 485                                                                                                                             | 37 588                          | 41.89            | 64.82            | 3.45             | 0.3802 | 0.5884 | 0.0313 | 111.2           | 29 547                          | -1 547c                         |      | % |  |  |   |
| 18 490                                                                                                                             | 41 609                          | 67.88            | 78.98            | 2.58             | 0.4542 | 0.5284 | 0.0173 | 88.5            | 32 561                          | -1 561c                         | max  | % |  |  |   |
| 19 495                                                                                                                             | -1 495c                         | 105.71           | 94.47            | 1.92             | 0.523  | 0.4674 | 0.0095 | 40.5            | 34 573                          | 13 465                          |      | % |  |  |   |
| 20 500                                                                                                                             | -1 500c                         | 105.69           | 93.13            | 1.41             | 0.5278 | 0.4651 | 0.007  | 37.6            | 34 573                          | 13 468                          |      | % |  |  |   |
| 21 510                                                                                                                             | -1 509c                         | 105.61           | 91.52            | 1.03             | 0.5329 | 0.4618 | 0.0052 | 34.3            | 34 574                          | 14 470                          |      | % |  |  |   |
| 24 520                                                                                                                             | -1 520c                         | 104.68           | 84.75            | 0.35             | 0.5515 | 0.4465 | 0.0018 | 22.0            | 35 577                          | 15 476                          | Ym   | % |  |  |   |
| 25 530                                                                                                                             | -1 529c                         | 103.98           | 81.86            | 0.23             | 0.5588 | 0.4399 | 0.0012 | 17.5            | 35 578                          | 15 477                          |      | % |  |  |   |
| 27 540                                                                                                                             | -1 539c                         | 101.75           | 75.17            | 0.07             | 0.5748 | 0.4246 | 0.0004 | 8.6             | 36 581                          | 16 480                          |      | % |  |  |   |
| 29 545                                                                                                                             | -1 545c                         | 98.18            | 67.47            | 0.01             | 0.5926 | 0.4072 | 0.0    | 0.5             | 37 585                          | 16 483                          |      | % |  |  |   |
| 30 550                                                                                                                             | -1 550c                         | 95.8             | 63.33            | 0.0              | 0.602  | 0.3979 | 0.0    | 356.9           | 37 587                          | 16 484                          |      | % |  |  |   |
| 31 555                                                                                                                             | -1 555c                         | 92.94            | 59.02            | 0.0              | 0.6116 | 0.3883 | 0.0    | 353.7           | 37 589                          | 17 485                          |      | % |  |  |   |
| 32 560                                                                                                                             | -1 560c                         | 89.59            | 54.59            | 0.0              | 0.6213 | 0.3786 | 0.0    | 350.9           | 38 592                          | 17 486                          |      | % |  |  |   |
| 380                                                                                                                                | 770                             | 111.15           | 99.99            | 35.19            | 0.4511 | 0.4059 | 0.1428 | 0.0             |                                 |                                 |      | % |  |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für A00, Y <sub>w,10</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementär |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                           | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 34 570                                                                                                                                    | 1 405                           | 83.58            | 47.73            | 0.37             | 0.6346 | 0.3624 | 0.0028 | 346.6           | 39 597                          | 17 487                          | Rm   | % |  |  |   |
| 34 570                                                                                                                                    | 7 435                           | 84.76            | 47.53            | 8.29             | 0.6029 | 0.338  | 0.0589 | 335.9           | 47 639                          | 18 491                          |      | % |  |  |   |
| 34 571                                                                                                                                    | 9 450                           | 85.26            | 47.22            | 13.73            | 0.5831 | 0.3229 | 0.0939 | 327.8           | -1 495c                         | 19 495                          |      | % |  |  |   |
| 34 572                                                                                                                                    | 12 460                          | 85.96            | 46.99            | 22.41            | 0.5532 | 0.3024 | 0.1442 | 314.6           | -1 505c                         | 21 505                          |      | % |  |  |   |
| 34 573                                                                                                                                    | 13 465                          | 85.55            | 46.52            | 25.03            | 0.5445 | 0.2961 | 0.1593 | 310.4           | -1 512c                         | 22 512                          |      | % |  |  |   |
| 34 574                                                                                                                                    | 14 470                          | 84.5             | 45.59            | 27.3             | 0.5368 | 0.2896 | 0.1734 | 306.4           | -1 520c                         | 24 520                          |      | % |  |  |   |
| 35 576                                                                                                                                    | 15 475                          | 82.36            | 44.01            | 29.15            | 0.5295 | 0.2829 | 0.1874 | 302.5           | -1 528c                         | 25 528                          | Mm   | % |  |  |   |
| 36 581                                                                                                                                    | 16 480                          | 78.04            | 40.9             | 30.61            | 0.5218 | 0.2735 | 0.2046 | 298.1           | -1 537c                         | 27 537                          |      | % |  |  |   |
| 37 588                                                                                                                                    | 17 485                          | 69.25            | 35.17            | 31.74            | 0.5086 | 0.2582 | 0.233  | 291.2           | -1 547c                         | 29 547                          |      | % |  |  |   |
| 41 609                                                                                                                                    | 18 490                          | 43.26            | 21.01            | 32.61            | 0.4465 | 0.2169 | 0.3365 | 268.6           | -1 561c                         | 32 561                          | min  | % |  |  |   |
| -1 495c                                                                                                                                   | 19 495                          | 5.43             | 5.52             | 33.27            | 0.1228 | 0.1248 | 0.7523 | 220.5           | 13 465                          | 34 573                          |      | % |  |  |   |
| -1 500c                                                                                                                                   | 20 500                          | 5.45             | 6.86             | 33.78            | 0.1184 | 0.1488 | 0.7327 | 217.6           | 13 468                          | 34 573                          |      | % |  |  |   |
| -1 509c                                                                                                                                   | 21 510                          | 5.53             | 8.47             | 34.16            | 0.1148 | 0.1759 | 0.7091 | 214.3           | 14 470                          | 34 574                          |      | % |  |  |   |
| -1 520c                                                                                                                                   | 24 520                          | 6.46             | 15.24            | 34.84            | 0.1143 | 0.2695 | 0.616  | 202.0           | 15 476                          | 35 577                          | Bm   | % |  |  |   |
| -1 529c                                                                                                                                   | 25 530                          | 7.16             | 18.13            |                  | 0.1189 | 0.3009 | 0.5801 | 197.5           | 15 477                          | 35 578                          |      | % |  |  |   |
| -1 539c                                                                                                                                   | 27 540                          | 9.39             | 24.82            | 35.12            | 0.1354 | 0.358  | 0.5065 | 188.6           | 16 480                          | 36 581                          |      | % |  |  |   |
| -1 545c                                                                                                                                   | 29 545                          | 12.96            | 32.52            | 35.18            | 0.1606 | 0.4031 | 0.4361 | 180.5           | 16 483                          | 37 585                          |      | % |  |  |   |
| -1 550c                                                                                                                                   | 30 550                          | 15.34            | 36.66            | 35.19            | 0.1759 | 0.4204 | 0.4035 | 176.9           | 16 484                          | 37 587                          |      | % |  |  |   |
| -1 555c                                                                                                                                   | 31 555                          | 18.2             | 40.97            | 35.19            | 0.1928 | 0.4341 | 0.3729 | 173.7           | 17 485                          | 37 589                          |      | % |  |  |   |
| -1 560c                                                                                                                                   | 32 560                          | 21.55            | 45.4             | 35.19            | 0.211  | 0.4444 | 0.3445 | 170.8           | 17 486                          | 38 592                          |      | % |  |  |   |
| 380                                                                                                                                       | 770                             | 111.15           | 99.99            | 35.19            | 0.4511 | 0.4059 | 0.1428 | 0.0             |                                 |                                 |      | % |  |  |   |

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Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für E00, Y <sub>w</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                 | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 1 405                                                                                                                           | 32 564                          | 32.46            | 57.42            | 98.28            | 0.1725 | 0.3051 | 0.5222 | 189.9           | 16 484                          | 38 592                          | Cm   | % |  |  |   |
| 6 435                                                                                                                           | 33 565                          | 28.76            | 57.91            | 77.9             | 0.1747 | 0.3518 | 0.4733 | 173.3           | 17 488                          | 45 627                          |      | % |  |  |   |
| 10 450                                                                                                                          | 33 566                          | 23.31            | 58.45            | 45.21            | 0.1835 | 0.4603 | 0.3561 | 139.6           | 19 498                          | −1 498c                         |      | % |  |  |   |
| 12 460                                                                                                                          | 33 568                          | 21.73            | 59.28            | 29.75            | 0.1962 | 0.5351 | 0.2686 | 124.1           | 21 507                          | −1 507c                         |      | % |  |  |   |
| 13 465                                                                                                                          | 33 569                          | 21.68            | 60.14            | 23.17            | 0.2065 | 0.5727 | 0.2206 | 117.8           | 22 514                          | −1 514c                         |      | % |  |  |   |
| 14 470                                                                                                                          | 34 571                          | 22.57            | 61.52            | 17.72            | 0.2217 | 0.6041 | 0.174  | 112.3           | 24 522                          | −1 522c                         |      | % |  |  |   |
| 14 475                                                                                                                          | 35 575                          | 25.39            | 64.53            | 17.73            | 0.2358 | 0.5994 | 0.1646 | 110.0           | 25 525                          | −1 525c                         | Gm   | % |  |  |   |
| 16 480                                                                                                                          | 36 581                          | 29.91            | 68.21            | 10.05            | 0.2765 | 0.6305 | 0.0929 | 100.8           | 27 538                          | −1 538c                         |      | % |  |  |   |
| 17 485                                                                                                                          | 39 595                          | 42.54            | 76.7             | 7.54             | 0.3355 | 0.6049 | 0.0594 | 89.5            | 29 549                          | −1 549c                         |      | % |  |  |   |
| 18 490                                                                                                                          | −1 490c                         | 83.34            | 94.54            | 5.63             | 0.4541 | 0.5151 | 0.0307 | 56.3            | 33 568                          | 11 459                          | max  | % |  |  |   |
| 19 495                                                                                                                          | −1 495c                         | 83.29            | 93.18            | 4.17             | 0.461  | 0.5157 | 0.0231 | 54.9            | 33 568                          | 12 461                          |      | % |  |  |   |
| 19 500                                                                                                                          | −1 499c                         | 83.29            | 93.18            | 4.17             | 0.461  | 0.5157 | 0.0231 | 54.9            | 33 568                          | 12 461                          |      | % |  |  |   |
| 22 510                                                                                                                          | −1 510c                         | 83.16            | 86.74            | 1.54             | 0.485  | 0.5059 | 0.0089 | 48.6            | 34 571                          | 13 469                          |      | % |  |  |   |
| 24 520                                                                                                                          | −1 520c                         | 82.54            | 80.14            | 0.78             | 0.5049 | 0.4902 | 0.0047 | 42.4            | 34 574                          | 14 473                          | Ym   | % |  |  |   |
| 26 530                                                                                                                          | −1 530c                         | 80.98            | 72.11            | 0.37             | 0.5276 | 0.4698 | 0.0024 | 35.0            | 35 577                          | 15 477                          |      | % |  |  |   |
| 28 540                                                                                                                          | −1 540c                         | 78.25            | 63.21            | 0.18             | 0.5524 | 0.4462 | 0.0012 | 27.2            | 36 581                          | 15 479                          |      | % |  |  |   |
| 29 545                                                                                                                          | −1 545c                         | 76.4             | 58.59            | 0.13             | 0.5654 | 0.4336 | 0.0009 | 23.3            | 36 583                          | 16 480                          |      | % |  |  |   |
| 29 550                                                                                                                          | −1 549c                         | 76.4             | 58.59            | 0.13             | 0.5654 | 0.4336 | 0.0009 | 23.3            | 36 583                          | 16 480                          |      | % |  |  |   |
| 30 555                                                                                                                          | −1 554c                         | 74.18            | 53.92            | 0.09             | 0.5786 | 0.4205 | 0.0007 | 19.5            | 37 585                          | 16 482                          |      | % |  |  |   |
| 32 560                                                                                                                          | −1 560c                         | 68.62            | 44.64            | 0.05             | 0.6055 | 0.3939 | 0.0005 | 12.5            | 38 590                          | 16 483                          |      | % |  |  |   |
| 380                                                                                                                             | 770 100.0                       | 100.0            | 100.0            | 100.0            | 0.3333 | 0.3333 | 0.3333 | 0.0             |                                 |                                 |      | % |  |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für E00, Y <sub>w</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementär% |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |
| 32 564                                                                                                                                  | 1 405                           | 67.53            | 42.57            | 1.71             | 0.6039 | 0.3807 | 0.0153 | 9.9             | 38 592                          | 16 484                          | Rm   | % |  |  |
| 33 565                                                                                                                                  | 6 435                           | 71.23            | 42.08            | 22.09            | 0.526  | 0.3107 | 0.1632 | 353.3           | 45 627                          | 17 488                          |      | % |  |  |
| 33 566                                                                                                                                  | 10 450                          | 76.68            | 41.54            | 54.78            | 0.4432 | 0.2401 | 0.3166 | 319.7           | −1 498c                         | 19 498                          |      | % |  |  |
| 33 568                                                                                                                                  | 12 460                          | 78.26            | 40.71            | 70.24            | 0.4135 | 0.2151 | 0.3712 | 304.2           | −1 507c                         | 21 507                          |      | % |  |  |
| 33 569                                                                                                                                  | 13 465                          | 78.31            | 39.85            | 76.83            | 0.4015 | 0.2043 | 0.394  | 297.9           | −1 514c                         | 22 514                          |      | % |  |  |
| 34 571                                                                                                                                  | 14 470                          | 77.42            | 38.47            | 82.27            | 0.3906 | 0.1941 | 0.4151 | 292.4           | −1 522c                         | 24 522                          |      | % |  |  |
| 35 575                                                                                                                                  | 14 475                          | 74.61            | 35.46            | 82.27            | 0.3878 | 0.1843 | 0.4277 | 290.1           | −1 525c                         | 25 525                          | Mm   | % |  |  |
| 36 581                                                                                                                                  | 16 480                          | 70.08            | 31.78            | 89.94            | 0.3653 | 0.1656 | 0.4689 | 280.8           | −1 538c                         | 27 538                          |      | % |  |  |
| 39 595                                                                                                                                  | 17 485                          | 57.45            | 23.29            | 92.46            | 0.3317 | 0.1344 | 0.5337 | 269.5           | −1 549c                         | 29 549                          |      | % |  |  |
| −1 490c                                                                                                                                 | 18 490                          | 16.65            | 5.45             | 94.36            | 0.1429 | 0.0468 | 0.8101 | 236.4           | 11 459                          | 33 568                          | min  | % |  |  |
| −1 495c                                                                                                                                 | 19 495                          | 16.7             | 6.81             | 95.82            | 0.1399 | 0.0571 | 0.8029 | 235.0           | 12 461                          | 33 568                          |      | % |  |  |
| −1 499c                                                                                                                                 | 19 500                          | 16.7             | 6.81             | 95.82            | 0.1399 | 0.0571 | 0.8029 | 235.0           | 12 461                          | 33 568                          |      | % |  |  |
| −1 510c                                                                                                                                 | 22 510                          | 16.83            | 13.25            | 98.45            | 0.1309 | 0.1031 | 0.7659 | 228.6           | 13 469                          | 34 571                          |      | % |  |  |
| −1 520c                                                                                                                                 | 24 520                          | 17.45            | 19.85            | 99.22            | 0.1278 | 0.1454 | 0.7267 | 222.4           | 14 473                          | 34 574                          | Bm   | % |  |  |
| −1 530c                                                                                                                                 | 26 530                          | 19.01            | 27.88            | 99.62            | 0.1297 | 0.1903 | 0.6798 | 215.1           | 15 477                          | 35 577                          |      | % |  |  |
| −1 540c                                                                                                                                 | 28 540                          | 21.74            | 36.78            | 99.81            | 0.1373 | 0.2323 | 0.6303 | 207.2           | 15 479                          | 36 581                          |      | % |  |  |
| −1 545c                                                                                                                                 | 29 545                          | 23.59            | 41.4             | 99.86            | 0.1431 | 0.2511 | 0.6057 | 203.3           | 16 480                          | 36 583                          |      | % |  |  |
| −1 549c                                                                                                                                 | 29 550                          | 23.59            | 41.4             | 99.86            | 0.1431 | 0.2511 | 0.6057 | 203.3           | 16 480                          | 36 583                          |      | % |  |  |
| −1 554c                                                                                                                                 | 30 555                          | 25.81            | 46.07            | 99.9             | 0.1502 | 0.2682 | 0.5815 | 199.5           | 16 482                          | 37 585                          |      | % |  |  |
| −1 560c                                                                                                                                 | 32 560                          | 31.37            | 55.35            | 99.94            | 0.168  | 0.2965 | 0.5353 | 192.5           | 16 483                          | 38 590                          |      | % |  |  |
| 380                                                                                                                                     | 770                             | 100.0            | 100.0            | 100.0            | 0.3333 | 0.3333 | 0.3333 | 0.0             |                                 |                                 |      | % |  |  |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für E00, Y <sub>w,10</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |  |   |  | % |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|---|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                    | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  | % |  |   |
| 1 405                                                                                                                              | 31 559                          | 31.81            | 55.67            | 97.76            | 0.1717 | 0.3005 | 0.5277 | 191.4           | 15 477                          | 37 589                          | Cm   |  | % |  |   |
| 7 435                                                                                                                              | 32 561                          | 26.26            | 56.07            | 65.86            | 0.1772 | 0.3783 | 0.4444 | 163.8           | 16 484                          | -1 484c                         |      |  | % |  |   |
| 10 450                                                                                                                             | 32 562                          | 22.59            | 56.42            | 40.33            | 0.1893 | 0.4727 | 0.3379 | 135.9           | 18 493                          | -1 493c                         |      |  | % |  |   |
| 12 460                                                                                                                             | 33 565                          | 21.82            | 57.5             | 25.45            | 0.2082 | 0.5488 | 0.2429 | 120.1           | 21 506                          | -1 506c                         |      |  | % |  |   |
| 13 465                                                                                                                             | 33 568                          | 22.86            | 58.96            | 19.29            | 0.2261 | 0.583  | 0.1908 | 113.2           | 23 515                          | -1 515c                         |      |  | % |  |   |
| 13 470                                                                                                                             | 34 572                          | 26.58            | 62.72            | 19.29            | 0.2447 | 0.5775 | 0.1776 | 109.9           | 24 520                          | -1 520c                         |      |  | % |  |   |
| 14 475                                                                                                                             | 36 581                          | 33.17            | 68.2             | 14.26            | 0.2868 | 0.5897 | 0.1233 | 100.2           | 26 532                          | -1 532c                         | Gm   |  | % |  |   |
| 16 480                                                                                                                             | 40 604                          | 54.71            | 80.28            | 7.52             | 0.3839 | 0.5632 | 0.0528 | 77.5            | 30 551                          | -1 551c                         |      |  | % |  |   |
| 17 485                                                                                                                             | -1 485c                         | 83.11            | 91.81            | 5.41             | 0.4608 | 0.5091 | 0.03   | 54.0            | 32 564                          | 11 456                          |      |  | % |  |   |
| 18 490                                                                                                                             | -1 490c                         | 83.06            | 90.24            | 3.87             | 0.4688 | 0.5093 | 0.0218 | 52.3            | 32 564                          | 11 458                          | max  |  | % |  |   |
| 19 495                                                                                                                             | -1 495c                         | 83.04            | 88.4             | 2.76             | 0.4766 | 0.5074 | 0.0158 | 50.5            | 33 565                          | 12 460                          |      |  | % |  |   |
| 20 500                                                                                                                             | -1 500c                         | 83.0             | 86.28            | 1.95             | 0.4847 | 0.5038 | 0.0113 | 48.3            | 33 566                          | 12 462                          |      |  | % |  |   |
| 22 510                                                                                                                             | -1 510c                         | 82.66            | 81.07            | 0.95             | 0.5019 | 0.4922 | 0.0057 | 43.2            | 33 569                          | 13 466                          |      |  | % |  |   |
| 23 520                                                                                                                             | -1 519c                         | 82.25            | 77.97            | 0.64             | 0.5113 | 0.4846 | 0.004  | 40.3            | 34 570                          | 13 468                          | Ym   |  | % |  |   |
| 25 530                                                                                                                             | -1 529c                         | 80.75            | 70.93            | 0.26             | 0.5314 | 0.4668 | 0.0017 | 33.9            | 34 573                          | 14 470                          |      |  | % |  |   |
| 27 540                                                                                                                             | -1 539c                         | 78.13            | 63.03            | 0.08             | 0.5531 | 0.4462 | 0.0006 | 27.1            | 35 577                          | 14 473                          |      |  | % |  |   |
| 29 545                                                                                                                             | -1 545c                         | 74.25            | 54.64            | 0.01             | 0.576  | 0.4238 | 0.0001 | 20.4            | 36 582                          | 15 475                          |      |  | % |  |   |
| 29 550                                                                                                                             | -1 549c                         | 74.25            | 54.64            | 0.01             | 0.576  | 0.4238 | 0.0001 | 20.4            | 36 582                          | 15 475                          |      |  | % |  |   |
| 31 555                                                                                                                             | -1 555c                         | 68.97            | 46.09            | 0.0              | 0.5993 | 0.4005 | 0.0    | 14.1            | 37 587                          | 15 476                          |      |  | % |  |   |
| 32 560                                                                                                                             | 3 415                           | 67.16            | 41.99            | 6.5              | 0.5806 | 0.3631 | 0.0562 | 6.8             | 39 595                          | 15 478                          |      |  | % |  |   |
| 380                                                                                                                                | 770                             | 99.99            | 99.99            | 100.0            | 0.3333 | 0.3333 | 0.3333 | 0.0             |                                 |                                 |      |  | % |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für E00, Y <sub>w,10</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementär |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                           | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |
| 31 559                                                                                                                                    | 1 405                           | 68.17            | 44.32            | 2.24             | 0.5941 | 0.3862 | 0.0195 | 11.4            | 37 589                          | 15 477                          | Rm   | % |  |  |
| 32 561                                                                                                                                    | 7 435                           | 73.72            | 43.92            | 34.14            | 0.4857 | 0.2893 | 0.2249 | 343.9           | -1 484c                         | 16 484                          |      | % |  |  |
| 32 562                                                                                                                                    | 10 450                          | 77.39            | 43.57            | 59.67            | 0.4284 | 0.2412 | 0.3303 | 315.9           | -1 493c                         | 18 493                          |      | % |  |  |
| 33 565                                                                                                                                    | 12 460                          | 78.16            | 42.49            | 74.55            | 0.4004 | 0.2176 | 0.3819 | 300.1           | -1 506c                         | 21 506                          |      | % |  |  |
| 33 568                                                                                                                                    | 13 465                          | 77.12            | 41.03            | 80.71            | 0.3878 | 0.2063 | 0.4058 | 293.2           | -1 515c                         | 23 515                          |      | % |  |  |
| 34 572                                                                                                                                    | 13 470                          | 73.4             | 37.27            | 80.71            | 0.3835 | 0.1947 | 0.4217 | 289.9           | -1 520c                         | 24 520                          |      | % |  |  |
| 36 581                                                                                                                                    | 14 475                          | 66.81            | 31.79            | 85.74            | 0.3624 | 0.1724 | 0.4651 | 280.2           | -1 532c                         | 26 532                          | Mm   | % |  |  |
| 40 604                                                                                                                                    | 16 480                          | 45.27            | 19.71            | 92.48            | 0.2874 | 0.1252 | 0.5873 | 257.6           | -1 551c                         | 30 551                          |      | % |  |  |
| -1 485c                                                                                                                                   | 17 485                          | 16.87            | 8.18             | 94.59            | 0.141  | 0.0683 | 0.7905 | 234.0           | 11 456                          | 32 564                          |      | % |  |  |
| -1 490c                                                                                                                                   | 18 490                          | 16.92            | 9.75             | 96.13            | 0.1377 | 0.0794 | 0.7827 | 232.4           | 11 458                          | 32 564                          | min  | % |  |  |
| -1 495c                                                                                                                                   | 19 495                          | 16.94            | 11.59            | 97.24            | 0.1346 | 0.0921 | 0.7731 | 230.5           | 12 460                          | 33 565                          |      | % |  |  |
| -1 500c                                                                                                                                   | 20 500                          | 16.98            | 13.71            | 98.05            | 0.1319 | 0.1065 | 0.7615 | 228.4           | 12 462                          | 33 566                          |      | % |  |  |
| -1 510c                                                                                                                                   | 22 510                          | 17.33            | 18.92            | 99.05            | 0.128  | 0.1398 | 0.732  | 223.3           | 13 466                          | 33 569                          |      | % |  |  |
| -1 519c                                                                                                                                   | 23 520                          | 17.73            | 22.02            | 99.36            | 0.1274 | 0.1583 | 0.7141 | 220.3           | 13 468                          | 34 570                          | Bm   | % |  |  |
| -1 529c                                                                                                                                   | 25 530                          | 19.23            | 29.06            | 99.74            | 0.1299 | 0.1963 | 0.6737 | 213.9           | 14 470                          | 34 573                          |      | % |  |  |
| -1 539c                                                                                                                                   | 27 540                          | 21.85            | 36.96            | 99.92            | 0.1376 | 0.2328 | 0.6294 | 207.1           | 14 473                          | 35 577                          |      | % |  |  |
| -1 545c                                                                                                                                   | 29 545                          | 25.73            | 45.35            | 99.99            | 0.1504 | 0.2651 | 0.5844 | 200.4           | 15 475                          | 36 582                          |      | % |  |  |
| -1 549c                                                                                                                                   | 29 550                          | 25.73            | 45.35            | 99.99            | 0.1504 | 0.2651 | 0.5844 | 200.4           | 15 475                          | 36 582                          |      | % |  |  |
| -1 555c                                                                                                                                   | 31 555                          | 31.01            | 53.9             | 100.0            | 0.1677 | 0.2914 | 0.5407 | 194.1           | 15 476                          | 37 587                          |      | % |  |  |
| 3 415                                                                                                                                     | 32 560                          | 32.82            | 58.0             | 93.5             | 0.178  | 0.3146 | 0.5072 | 186.8           | 15 478                          | 39 595                          |      | % |  |  |
| 380                                                                                                                                       | 770                             | 99.99            | 99.99            | 100.0            | 0.3333 | 0.3333 | 0.3333 | 0.0             |                                 |                                 |      | % |  |  |

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/VG34/VG34LONP.PDF> /PS  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für C00, Y <sub>w</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                 | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 1 405                                                                                                                           | 32 562                          | 34.5             | 57.68            | 117.03           | 0.1649 | 0.2757 | 0.5593 | 195.5           | 16 482                          | 37 589                          | Cm   | % |  |  |   |
| 6 435                                                                                                                           | 32 563                          | 30.59            | 58.35            | 95.14            | 0.1661 | 0.3169 | 0.5168 | 179.6           | 17 486                          | 42 612                          |      | % |  |  |   |
| 10 450                                                                                                                          | 32 564                          | 23.8             | 59.09            | 54.97            | 0.1726 | 0.4286 | 0.3987 | 140.6           | 19 496                          | −1 496c                         |      | % |  |  |   |
| 11 460                                                                                                                          | 33 566                          | 23.39            | 60.53            | 45.09            | 0.1813 | 0.4691 | 0.3494 | 130.0           | 20 501                          | −1 501c                         |      | % |  |  |   |
| 13 465                                                                                                                          | 33 568                          | 21.76            | 61.21            | 27.67            | 0.1967 | 0.5531 | 0.2501 | 115.5           | 22 513                          | −1 513c                         |      | % |  |  |   |
| 14 470                                                                                                                          | 34 570                          | 22.73            | 62.96            | 20.9             | 0.2132 | 0.5906 | 0.1961 | 109.4           | 24 522                          | −1 522c                         |      | % |  |  |   |
| 15 475                                                                                                                          | 35 575                          | 25.45            | 65.92            | 15.51            | 0.2381 | 0.6167 | 0.1451 | 103.4           | 26 530                          | −1 530c                         | Gm   | % |  |  |   |
| 16 480                                                                                                                          | 36 582                          | 31.68            | 71.08            | 11.37            | 0.2775 | 0.6227 | 0.0996 | 96.0            | 28 540                          | −1 540c                         |      | % |  |  |   |
| 16 485                                                                                                                          | 40 602                          | 48.83            | 82.56            | 11.39            | 0.342  | 0.5781 | 0.0798 | 83.0            | 30 551                          | −1 551c                         |      | % |  |  |   |
| 18 490                                                                                                                          | −1 490c                         | 78.39            | 93.33            | 6.01             | 0.441  | 0.525  | 0.0338 | 57.8            | 33 566                          | 11 459                          | max  | % |  |  |   |
| 19 495                                                                                                                          | −1 495c                         | 78.34            | 91.77            | 4.32             | 0.449  | 0.526  | 0.0248 | 56.4            | 33 567                          | 12 462                          |      | % |  |  |   |
| 19 500                                                                                                                          | −1 499c                         | 78.34            | 91.77            | 4.32             | 0.449  | 0.526  | 0.0248 | 56.4            | 33 567                          | 12 462                          |      | % |  |  |   |
| 21 510                                                                                                                          | −1 509c                         | 78.29            | 87.66            | 2.16             | 0.4656 | 0.5214 | 0.0128 | 52.8            | 33 568                          | 13 466                          |      | % |  |  |   |
| 24 520                                                                                                                          | −1 520c                         | 77.6             | 78.6             | 0.78             | 0.4943 | 0.5006 | 0.0049 | 45.0            | 34 572                          | 14 472                          | Ym   | % |  |  |   |
| 26 530                                                                                                                          | −1 530c                         | 76.06            | 70.68            | 0.38             | 0.5169 | 0.4804 | 0.0026 | 38.4            | 35 575                          | 15 475                          |      | % |  |  |   |
| 28 540                                                                                                                          | −1 540c                         | 73.26            | 61.57            | 0.18             | 0.5425 | 0.456  | 0.0013 | 31.0            | 35 579                          | 15 478                          |      | % |  |  |   |
| 28 545                                                                                                                          | −1 544c                         | 73.26            | 61.57            | 0.18             | 0.5425 | 0.456  | 0.0013 | 31.0            | 35 579                          | 15 478                          |      | % |  |  |   |
| 29 550                                                                                                                          | −1 549c                         | 71.31            | 56.72            | 0.13             | 0.5563 | 0.4425 | 0.001  | 27.1            | 36 581                          | 15 479                          |      | % |  |  |   |
| 31 555                                                                                                                          | −1 555c                         | 66.23            | 46.84            | 0.07             | 0.5853 | 0.4139 | 0.0006 | 19.5            | 37 586                          | 16 481                          |      | % |  |  |   |
| 31 560                                                                                                                          | −1 559c                         | 66.23            | 46.84            | 0.07             | 0.5853 | 0.4139 | 0.0006 | 19.5            | 37 586                          | 16 481                          |      | % |  |  |   |
| 380                                                                                                                             | 770 98.07                       | 100.0            |                  | 118.22           | 0.31   | 0.3161 | 0.3737 | 0.0             |                                 |                                 |      | % |  |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für C00, Y <sub>w</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementäre |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 32 562                                                                                                                                  | 1 405                           | 63.56            | 42.31            | 1.19             | 0.5936 | 0.3952 | 0.0111 | 15.5            | 37 589                          | 16 482                          | Rm   | % |  |  |   |
| 32 563                                                                                                                                  | 6 435                           | 67.47            | 41.64            | 23.08            | 0.5104 | 0.315  | 0.1745 | 359.6           | 42 612                          | 17 486                          |      | % |  |  |   |
| 32 564                                                                                                                                  | 10 450                          | 74.26            | 40.9             | 63.25            | 0.4162 | 0.2292 | 0.3544 | 320.7           | -1 496c                         | 19 496                          |      | % |  |  |   |
| 33 566                                                                                                                                  | 11 460                          | 74.67            | 39.46            | 73.13            | 0.3987 | 0.2107 | 0.3905 | 310.1           | -1 501c                         | 20 501                          |      | % |  |  |   |
| 33 568                                                                                                                                  | 13 465                          | 76.3             | 38.78            | 90.54            | 0.371  | 0.1886 | 0.4403 | 295.5           | -1 513c                         | 22 513                          |      | % |  |  |   |
| 34 570                                                                                                                                  | 14 470                          | 75.33            | 37.03            | 97.31            | 0.3592 | 0.1766 | 0.4641 | 289.4           | -1 522c                         | 24 522                          |      | % |  |  |   |
| 35 575                                                                                                                                  | 15 475                          | 72.61            | 34.07            | 102.71           | 0.3467 | 0.1627 | 0.4905 | 283.4           | -1 530c                         | 26 530                          | Mm   | % |  |  |   |
| 36 582                                                                                                                                  | 16 480                          | 66.38            | 28.91            | 106.84           | 0.3284 | 0.143  | 0.5285 | 276.0           | -1 540c                         | 28 540                          |      | % |  |  |   |
| 40 602                                                                                                                                  | 16 485                          | 49.23            | 17.43            | 106.83           | 0.2837 | 0.1005 | 0.6157 | 263.0           | -1 551c                         | 30 551                          |      | % |  |  |   |
| -1 490c                                                                                                                                 | 18 490                          | 19.67            | 6.66             | 112.2            | 0.142  | 0.0481 | 0.8098 | 237.9           | 11 459                          | 33 566                          | min  | % |  |  |   |
| -1 495c                                                                                                                                 | 19 495                          | 19.72            | 8.22             | 113.89           | 0.139  | 0.0579 | 0.8029 | 236.4           | 12 462                          | 33 567                          |      | % |  |  |   |
| -1 499c                                                                                                                                 | 19 500                          | 19.72            | 8.22             | 113.89           | 0.139  | 0.0579 | 0.8029 | 236.4           | 12 462                          | 33 567                          |      | % |  |  |   |
| -1 509c                                                                                                                                 | 21 510                          | 19.77            | 12.33            | 116.05           | 0.1334 | 0.0832 | 0.7833 | 232.8           | 13 466                          | 33 568                          |      | % |  |  |   |
| -1 520c                                                                                                                                 | 24 520                          | 20.46            | 21.39            | 117.44           | 0.1284 | 0.1342 | 0.7372 | 225.0           | 14 472                          | 34 572                          | Bm   | % |  |  |   |
| -1 530c                                                                                                                                 | 26 530                          | 22.0             | 29.31            | 117.83           | 0.1301 | 0.1732 | 0.6966 | 218.4           | 15 475                          | 35 575                          |      | % |  |  |   |
| -1 540c                                                                                                                                 | 28 540                          | 24.8             | 38.42            | 118.03           | 0.1368 | 0.2119 | 0.6511 | 211.0           | 15 478                          | 35 579                          |      | % |  |  |   |
| -1 544c                                                                                                                                 | 28 545                          | 24.8             | 38.42            | 118.03           | 0.1368 | 0.2119 | 0.6511 | 211.0           | 15 478                          | 35 579                          |      | % |  |  |   |
| -1 549c                                                                                                                                 | 29 550                          | 26.75            | 43.27            | 118.09           | 0.1422 | 0.23   | 0.6277 | 207.1           | 15 479                          | 36 581                          |      | % |  |  |   |
| -1 555c                                                                                                                                 | 31 555                          | 31.83            | 53.15            | 118.15           | 0.1567 | 0.2616 | 0.5816 | 199.5           | 16 481                          | 37 586                          |      | % |  |  |   |
| -1 559c                                                                                                                                 | 31 560                          | 31.83            | 53.15            | 118.15           | 0.1567 | 0.2616 | 0.5816 | 199.5           | 16 481                          | 37 586                          |      | % |  |  |   |
| 380                                                                                                                                     | 770                             | 98.07            | 100.0            | 118.22           | 0.31   | 0.3161 | 0.3737 | 0.0             |                                 |                                 |      | % |  |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für C00, Y <sub>w,10</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                    | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 1 405                                                                                                                              | 31 556                          | 33.05            | 55.88            | 114.54           | 0.1624 | 0.2746 | 0.5629 | 196.7           | 15 475                          | 37 586                          | Cm   | % |  |  |   |
| 6 435                                                                                                                              | 31 558                          | 29.02            | 56.84            | 89.59            | 0.1654 | 0.3239 | 0.5106 | 178.0           | 16 480                          | 44 623                          |      | % |  |  |   |
| 9 450                                                                                                                              | 32 560                          | 24.41            | 57.53            | 59.0             | 0.1732 | 0.4081 | 0.4185 | 146.9           | 17 487                          | -1 487c                         |      | % |  |  |   |
| 12 460                                                                                                                             | 32 563                          | 21.53            | 58.32            | 30.51            | 0.1951 | 0.5284 | 0.2764 | 118.8           | 20 504                          | -1 504c                         |      | % |  |  |   |
| 12 465                                                                                                                             | 33 566                          | 23.84            | 60.99            | 30.51            | 0.2066 | 0.5287 | 0.2645 | 116.2           | 21 507                          | -1 507c                         |      | % |  |  |   |
| 13 470                                                                                                                             | 34 572                          | 27.07            | 64.68            | 22.96            | 0.236  | 0.5638 | 0.2001 | 106.8           | 24 520                          | -1 520c                         |      | % |  |  |   |
| 14 475                                                                                                                             | 36 582                          | 35.09            | 71.25            | 16.77            | 0.285  | 0.5787 | 0.1362 | 95.5            | 26 533                          | -1 533c                         | Gm   | % |  |  |   |
| 16 480                                                                                                                             | 44 622                          | 65.72            | 86.64            | 8.48             | 0.4085 | 0.5386 | 0.0527 | 65.8            | 31 556                          | 0 403                           |      | % |  |  |   |
| 17 485                                                                                                                             | -1 485c                         | 77.8             | 90.11            | 5.93             | 0.4475 | 0.5183 | 0.0341 | 55.4            | 32 562                          | 11 456                          |      | % |  |  |   |
| 18 490                                                                                                                             | -1 490c                         | 77.75            | 88.26            | 4.11             | 0.457  | 0.5188 | 0.0241 | 53.7            | 32 563                          | 11 459                          | max  | % |  |  |   |
| 19 495                                                                                                                             | -1 495c                         | 77.72            | 86.17            | 2.83             | 0.4661 | 0.5168 | 0.017  | 51.7            | 32 564                          | 12 461                          |      | % |  |  |   |
| 20 500                                                                                                                             | -1 500c                         | 77.68            | 83.86            | 1.95             | 0.4751 | 0.5129 | 0.0119 | 49.6            | 33 565                          | 12 463                          |      | % |  |  |   |
| 22 510                                                                                                                             | -1 510c                         | 77.33            | 78.57            | 0.93             | 0.493  | 0.5009 | 0.0059 | 44.8            | 33 567                          | 13 466                          |      | % |  |  |   |
| 24 520                                                                                                                             | -1 520c                         | 76.34            | 72.29            | 0.42             | 0.5121 | 0.485  | 0.0028 | 39.4            | 34 570                          | 13 468                          | Ym   | % |  |  |   |
| 26 530                                                                                                                             | -1 530c                         | 74.35            | 64.98            | 0.16             | 0.5329 | 0.4658 | 0.0011 | 33.3            | 34 574                          | 14 471                          |      | % |  |  |   |
| 28 540                                                                                                                             | -1 540c                         | 71.07            | 56.66            | 0.04             | 0.5561 | 0.4434 | 0.0003 | 26.8            | 35 578                          | 14 473                          |      | % |  |  |   |
| 28 545                                                                                                                             | -1 544c                         | 71.07            | 56.66            | 0.04             | 0.5561 | 0.4434 | 0.0003 | 26.8            | 35 578                          | 14 473                          |      | % |  |  |   |
| 29 550                                                                                                                             | -1 549c                         | 68.88            | 52.27            | 0.01             | 0.5684 | 0.4314 | 0.0001 | 23.5            | 36 580                          | 14 474                          |      | % |  |  |   |
| 31 555                                                                                                                             | -1 555c                         | 63.34            | 43.32            | 0.0              | 0.5938 | 0.4061 | 0.0    | 17.0            | 37 585                          | 15 475                          |      | % |  |  |   |
| 31 560                                                                                                                             | 9 447                           | 74.86            | 45.07            | 57.94            | 0.4208 | 0.2533 | 0.3257 | 329.3           | -1 487c                         | 17 487                          |      | % |  |  |   |
| 380                                                                                                                                | 770                             | 97.28            | 99.99            | 116.14           | 0.3103 | 0.319  | 0.3705 | 0.0             |                                 |                                 |      | % |  |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für C00, Y <sub>w,10</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementäre |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                            | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 31 556                                                                                                                                     | 1 405                           | 64.23            | 44.11            | 1.6              | 0.5841 | 0.4012 | 0.0145 | 16.7            | 37 586                          | 15 475                          | Rm   | % |  |  |   |
| 31 558                                                                                                                                     | 6 435                           | 68.25            | 43.15            | 26.54            | 0.4947 | 0.3128 | 0.1924 | 358.0           | 44 623                          | 16 480                          |      | % |  |  |   |
| 32 560                                                                                                                                     | 9 450                           | 72.86            | 42.46            | 57.14            | 0.4224 | 0.2462 | 0.3313 | 327.0           | -1 487c                         | 17 487                          |      | % |  |  |   |
| 32 563                                                                                                                                     | 12 460                          | 75.75            | 41.67            | 85.63            | 0.373  | 0.2052 | 0.4217 | 298.8           | -1 504c                         | 20 504                          |      | % |  |  |   |
| 33 566                                                                                                                                     | 12 465                          | 73.44            | 39.0             | 85.63            | 0.3707 | 0.1969 | 0.4323 | 296.3           | -1 507c                         | 21 507                          |      | % |  |  |   |
| 34 572                                                                                                                                     | 13 470                          | 70.2             | 35.31            | 93.18            | 0.3533 | 0.1777 | 0.4689 | 286.9           | -1 520c                         | 24 520                          |      | % |  |  |   |
| 36 582                                                                                                                                     | 14 475                          | 62.19            | 28.74            | 99.37            | 0.3267 | 0.151  | 0.5221 | 275.6           | -1 533c                         | 26 533                          | Mm   | % |  |  |   |
| 44 622                                                                                                                                     | 16 480                          | 31.56            | 13.35            | 107.65           | 0.2068 | 0.0875 | 0.7056 | 245.9           | 0 403                           | 31 556                          |      | % |  |  |   |
| -1 485c                                                                                                                                    | 17 485                          | 19.48            | 9.88             | 110.21           | 0.1395 | 0.0708 | 0.7896 | 235.4           | 11 456                          | 32 562                          |      | % |  |  |   |
| -1 490c                                                                                                                                    | 18 490                          | 19.53            | 11.73            | 112.03           | 0.1363 | 0.0819 | 0.7817 | 233.7           | 11 459                          | 32 563                          | min  | % |  |  |   |
| -1 495c                                                                                                                                    | 19 495                          | 19.55            | 13.82            | 113.3            | 0.1333 | 0.0942 | 0.7724 | 231.7           | 12 461                          | 32 564                          |      | % |  |  |   |
| -1 500c                                                                                                                                    | 20 500                          | 19.6             | 16.13            | 114.18           | 0.1307 | 0.1075 | 0.7616 | 229.6           | 12 463                          | 33 565                          |      | % |  |  |   |
| -1 510c                                                                                                                                    | 22 510                          | 19.95            | 21.42            | 115.21           | 0.1274 | 0.1368 | 0.7357 | 224.8           | 13 466                          | 33 567                          |      | % |  |  |   |
| -1 520c                                                                                                                                    | 24 520                          | 20.94            | 27.7             | 115.72           | 0.1274 | 0.1685 | 0.704  | 219.4           | 13 468                          | 34 570                          | Bm   | % |  |  |   |
| -1 530c                                                                                                                                    | 26 530                          | 22.93            | 35.01            | 115.98           | 0.1318 | 0.2013 | 0.6668 | 213.4           | 14 471                          | 34 574                          |      | % |  |  |   |
| -1 540c                                                                                                                                    | 28 540                          | 26.21            | 43.33            | 116.1            | 0.1412 | 0.2333 | 0.6253 | 206.8           | 14 473                          | 35 578                          |      | % |  |  |   |
| -1 544c                                                                                                                                    | 28 545                          | 26.21            | 43.33            | 116.1            | 0.1412 | 0.2333 | 0.6253 | 206.8           | 14 473                          | 35 578                          |      | % |  |  |   |
| -1 549c                                                                                                                                    | 29 550                          | 28.39            | 47.72            | 116.13           | 0.1477 | 0.2482 | 0.604  | 203.5           | 14 474                          | 36 580                          |      | % |  |  |   |
| -1 555c                                                                                                                                    | 31 555                          | 33.93            | 56.67            | 116.14           | 0.1641 | 0.2741 | 0.5617 | 197.0           | 15 475                          | 37 585                          |      | % |  |  |   |
| 9 447                                                                                                                                      | 31 560                          | 22.41            | 54.92            | 58.2             | 0.1653 | 0.4052 | 0.4293 | 149.2           | 17 487                          | -1 487c                         |      | % |  |  |   |
| 380                                                                                                                                        | 770                             | 97.28            | 99.99            | 116.14           | 0.3103 | 0.319  | 0.3705 | 0.0             |                                 |                                 |      | % |  |  |   |

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/VG34/VG34LONP.PDF> /PS  
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für P00, Y <sub>w</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                 | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 1 405                                                                                                                           | 33 567                          | 30.75            | 56.81            | 79.81            | 0.1837 | 0.3394 | 0.4768 | 184.4           | 17 486                          | 38 594                          | Cm   | % |  |  |   |
| 7 435                                                                                                                           | 33 567                          | 26.74            | 57.13            | 58.13            | 0.1882 | 0.4023 | 0.4093 | 164.0           | 18 491                          | −1 491c                         |      | % |  |  |   |
| 10 450                                                                                                                          | 33 568                          | 23.65            | 57.64            | 38.32            | 0.1977 | 0.4818 | 0.3203 | 141.6           | 19 499                          | −1 499c                         |      | % |  |  |   |
| 12 460                                                                                                                          | 34 570                          | 22.35            | 58.3             | 25.63            | 0.2103 | 0.5485 | 0.2411 | 127.5           | 21 507                          | −1 507c                         |      | % |  |  |   |
| 13 465                                                                                                                          | 34 571                          | 22.38            | 58.95            | 20.14            | 0.2205 | 0.5809 | 0.1984 | 121.5           | 22 513                          | −1 513c                         |      | % |  |  |   |
| 13 470                                                                                                                          | 34 572                          | 23.77            | 60.46            | 20.14            | 0.2277 | 0.5792 | 0.1929 | 120.4           | 23 515                          | −1 515c                         |      | % |  |  |   |
| 15 475                                                                                                                          | 35 575                          | 24.93            | 61.97            | 11.85            | 0.2524 | 0.6274 | 0.12   | 111.4           | 25 529                          | −1 529c                         | Gm   | % |  |  |   |
| 16 480                                                                                                                          | 36 580                          | 28.9             | 65.35            | 8.98             | 0.2799 | 0.6329 | 0.087  | 106.0           | 27 537                          | −1 537c                         |      | % |  |  |   |
| 17 485                                                                                                                          | 37 589                          | 37.81            | 71.71            | 6.79             | 0.325  | 0.6164 | 0.0584 | 97.6            | 29 547                          | −1 547c                         |      | % |  |  |   |
| 18 490                                                                                                                          | 45 625                          | 72.21            | 88.93            | 5.13             | 0.4342 | 0.5348 | 0.0308 | 67.8            | 32 564                          | −1 564c                         | max  | % |  |  |   |
| 18 495                                                                                                                          | −1 494c                         | 88.77            | 95.36            | 5.13             | 0.469  | 0.5038 | 0.0271 | 54.2            | 34 570                          | 12 460                          |      | % |  |  |   |
| 20 500                                                                                                                          | −1 500c                         | 88.71            | 92.62            | 2.81             | 0.4817 | 0.5029 | 0.0153 | 50.9            | 34 571                          | 13 465                          |      | % |  |  |   |
| 22 510                                                                                                                          | −1 510c                         | 88.6             | 88.31            | 1.45             | 0.4967 | 0.495  | 0.0081 | 46.1            | 34 573                          | 14 470                          |      | % |  |  |   |
| 24 520                                                                                                                          | −1 520c                         | 88.03            | 82.18            | 0.75             | 0.5148 | 0.4807 | 0.0043 | 39.5            | 35 575                          | 14 474                          | Ym   | % |  |  |   |
| 25 530                                                                                                                          | −1 529c                         | 87.42            | 78.53            | 0.53             | 0.525  | 0.4717 | 0.0032 | 35.7            | 35 577                          | 15 476                          |      | % |  |  |   |
| 28 540                                                                                                                          | −1 540c                         | 83.92            | 66.0             | 0.18             | 0.559  | 0.4397 | 0.0012 | 23.5            | 36 582                          | 16 481                          |      | % |  |  |   |
| 28 545                                                                                                                          | −1 544c                         | 83.92            | 66.0             | 0.18             | 0.559  | 0.4397 | 0.0012 | 23.5            | 36 582                          | 16 481                          |      | % |  |  |   |
| 30 550                                                                                                                          | −1 550c                         | 79.92            | 56.88            | 0.1              | 0.5837 | 0.4155 | 0.0007 | 15.5            | 37 586                          | 16 483                          |      | % |  |  |   |
| 30 555                                                                                                                          | −1 554c                         | 79.92            | 56.88            | 0.1              | 0.5837 | 0.4155 | 0.0007 | 15.5            | 37 586                          | 16 483                          |      | % |  |  |   |
| 32 560                                                                                                                          | −1 560c                         | 74.35            | 47.6             | 0.06             | 0.6093 | 0.3901 | 0.0005 | 8.4             | 38 591                          | 17 485                          |      | % |  |  |   |
| 380                                                                                                                             | 770                             | 102.06           | 100.0            | 81.06            | 0.3604 | 0.3531 | 0.2863 | 0.0             |                                 |                                 |      | % |  |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für P00, Y <sub>w</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementär% |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |
| 33 567                                                                                                                                  | 1 405                           | 71.3             | 43.18            | 1.24             | 0.6161 | 0.3731 | 0.0107 | 4.4             | 38 594                          | 17 486                          | Rm   | % |  |  |
| 33 567                                                                                                                                  | 7 435                           | 75.32            | 42.86            | 22.92            | 0.5338 | 0.3037 | 0.1624 | 344.0           | -1 491c                         | 18 491                          |      | % |  |  |
| 33 568                                                                                                                                  | 10 450                          | 78.41            | 42.35            | 42.73            | 0.4795 | 0.259  | 0.2613 | 321.6           | -1 499c                         | 19 499                          |      | % |  |  |
| 34 570                                                                                                                                  | 12 460                          | 79.7             | 41.69            | 55.42            | 0.4507 | 0.2357 | 0.3134 | 307.5           | -1 507c                         | 21 507                          |      | % |  |  |
| 34 571                                                                                                                                  | 13 465                          | 79.68            | 41.04            | 60.91            | 0.4386 | 0.2259 | 0.3353 | 301.5           | -1 513c                         | 22 513                          |      | % |  |  |
| 34 572                                                                                                                                  | 13 470                          | 78.29            | 39.53            | 60.91            | 0.438  | 0.2211 | 0.3407 | 300.4           | -1 515c                         | 23 515                          |      | % |  |  |
| 35 575                                                                                                                                  | 15 475                          | 77.12            | 38.02            | 69.2             | 0.4183 | 0.2062 | 0.3753 | 291.5           | -1 529c                         | 25 529                          | Mm   | % |  |  |
| 36 580                                                                                                                                  | 16 480                          | 73.15            | 34.64            | 72.07            | 0.4067 | 0.1925 | 0.4006 | 286.0           | -1 537c                         | 27 537                          |      | % |  |  |
| 37 589                                                                                                                                  | 17 485                          | 64.24            | 28.28            | 74.26            | 0.3851 | 0.1695 | 0.4452 | 277.6           | -1 547c                         | 29 547                          |      | % |  |  |
| 45 625                                                                                                                                  | 18 490                          | 29.85            | 11.06            | 75.92            | 0.2555 | 0.0946 | 0.6498 | 247.9           | -1 564c                         | 32 564                          | min  | % |  |  |
| -1 494c                                                                                                                                 | 18 495                          | 13.29            | 4.63             | 75.92            | 0.1416 | 0.0493 | 0.809  | 234.2           | 12 460                          | 34 570                          |      | % |  |  |
| -1 500c                                                                                                                                 | 20 500                          | 13.35            | 7.37             | 78.24            | 0.1349 | 0.0745 | 0.7905 | 231.0           | 13 465                          | 34 571                          |      | % |  |  |
| -1 510c                                                                                                                                 | 22 510                          | 13.45            | 11.68            | 79.6             | 0.1284 | 0.1115 | 0.7599 | 226.1           | 14 470                          | 34 573                          |      | % |  |  |
| -1 520c                                                                                                                                 | 24 520                          | 14.03            | 17.81            | 80.3             | 0.1251 | 0.1588 | 0.716  | 219.5           | 14 474                          | 35 575                          | Bm   | % |  |  |
| -1 529c                                                                                                                                 | 25 530                          | 14.64            | 21.46            | 80.52            | 0.1255 | 0.184  | 0.6904 | 215.7           | 15 476                          | 35 577                          |      | % |  |  |
| -1 540c                                                                                                                                 | 28 540                          | 18.14            | 33.99            | 80.87            | 0.1364 | 0.2555 | 0.608  | 203.5           | 16 481                          | 36 582                          |      | % |  |  |
| -1 544c                                                                                                                                 | 28 545                          | 18.14            | 33.99            | 80.87            | 0.1364 | 0.2555 | 0.608  | 203.5           | 16 481                          | 36 582                          |      | % |  |  |
| -1 550c                                                                                                                                 | 30 550                          | 22.14            | 43.11            | 80.96            | 0.1514 | 0.2948 | 0.5537 | 195.5           | 16 483                          | 37 586                          |      | % |  |  |
| -1 554c                                                                                                                                 | 30 555                          | 22.14            | 43.11            | 80.96            | 0.1514 | 0.2948 | 0.5537 | 195.5           | 16 483                          | 37 586                          |      | % |  |  |
| -1 560c                                                                                                                                 | 32 560                          | 27.71            | 52.39            | 80.99            | 0.172  | 0.3252 | 0.5027 | 188.4           | 17 485                          | 38 591                          |      | % |  |  |
| 380                                                                                                                                     | 770                             | 102.06           | 100.0            | 81.06            | 0.3604 | 0.3531 | 0.2863 | 0.0             |                                 |                                 |      | % |  |  |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für P00, Y <sub>w,10</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  | % |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                    | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |   |
| 0 405                                                                                                                              | 32 562                          | 30.46            | 54.9             | 80.53            | 0.1836 | 0.3309 | 0.4854 | 186.9           | 15 479                          | 38 591                          | Cm   | % |  |  |   |
| 7 435                                                                                                                              | 32 563                          | 26.02            | 55.22            | 54.97            | 0.191  | 0.4053 | 0.4035 | 162.7           | 17 485                          | -1 485c                         |      | % |  |  |   |
| 9 450                                                                                                                              | 32 564                          | 24.32            | 55.85            | 41.19            | 0.2004 | 0.4601 | 0.3394 | 146.1           | 18 491                          | -1 491c                         |      | % |  |  |   |
| 12 460                                                                                                                             | 33 567                          | 22.57            | 56.36            | 22.05            | 0.2235 | 0.558  | 0.2183 | 123.7           | 21 506                          | -1 506c                         |      | % |  |  |   |
| 13 465                                                                                                                             | 33 569                          | 23.4             | 57.54            | 16.87            | 0.2392 | 0.5882 | 0.1724 | 117.2           | 22 514                          | -1 514c                         |      | % |  |  |   |
| 13 470                                                                                                                             | 34 572                          | 26.47            | 60.56            | 16.87            | 0.2547 | 0.5828 | 0.1623 | 114.7           | 23 518                          | -1 518c                         |      | % |  |  |   |
| 15 475                                                                                                                             | 35 579                          | 31.12            | 63.97            | 9.26             | 0.2982 | 0.6129 | 0.0888 | 103.5           | 26 534                          | -1 534c                         | Gm   | % |  |  |   |
| 16 480                                                                                                                             | 38 593                          | 45.51            | 73.33            | 6.76             | 0.3623 | 0.5837 | 0.0538 | 89.6            | 29 547                          | -1 547c                         |      | % |  |  |   |
| 17 485                                                                                                                             | -1 485c                         | 88.85            | 93.1             | 4.91             | 0.4754 | 0.4982 | 0.0263 | 51.7            | 33 566                          | 11 457                          |      | % |  |  |   |
| 17 490                                                                                                                             | -1 489c                         | 88.85            | 93.1             | 4.91             | 0.4754 | 0.4982 | 0.0263 | 51.7            | 33 566                          | 11 457                          | max  | % |  |  |   |
| 19 495                                                                                                                             | -1 495c                         | 88.79            | 90.06            | 2.55             | 0.4894 | 0.4964 | 0.014  | 48.2            | 33 567                          | 12 461                          |      | % |  |  |   |
| 19 500                                                                                                                             | -1 499c                         | 88.79            | 90.06            | 2.55             | 0.4894 | 0.4964 | 0.014  | 48.2            | 33 567                          | 12 461                          |      | % |  |  |   |
| 22 510                                                                                                                             | -1 510c                         | 88.44            | 83.34            | 0.9              | 0.5121 | 0.4826 | 0.0052 | 40.6            | 34 570                          | 13 467                          |      | % |  |  |   |
| 23 520                                                                                                                             | -1 519c                         | 88.06            | 80.45            | 0.61             | 0.5206 | 0.4756 | 0.0036 | 37.6            | 34 572                          | 13 469                          | Ym   | % |  |  |   |
| 26 530                                                                                                                             | -1 530c                         | 85.52            | 70.09            | 0.15             | 0.549  | 0.4499 | 0.0009 | 27.3            | 35 577                          | 14 473                          |      | % |  |  |   |
| 28 540                                                                                                                             | -1 540c                         | 82.37            | 62.1             | 0.03             | 0.57   | 0.4297 | 0.0002 | 20.2            | 36 580                          | 15 475                          |      | % |  |  |   |
| 28 545                                                                                                                             | -1 544c                         | 82.37            | 62.1             | 0.03             | 0.57   | 0.4297 | 0.0002 | 20.2            | 36 580                          | 15 475                          |      | % |  |  |   |
| 29 550                                                                                                                             | -1 549c                         | 80.3             | 57.92            | 0.01             | 0.5808 | 0.419  | 0.0    | 16.8            | 36 583                          | 15 476                          |      | % |  |  |   |
| 31 555                                                                                                                             | -1 555c                         | 75.0             | 49.38            | 0.0              | 0.603  | 0.3969 | 0.0    | 10.3            | 37 587                          | 15 478                          |      | % |  |  |   |
| 32 560                                                                                                                             | -1 560c                         | 71.75            | 45.08            | 0.0              | 0.6141 | 0.3858 | 0.0    | 7.4             | 38 590                          | 15 479                          |      | % |  |  |   |
| 380                                                                                                                                | 770                             | 102.37           | 99.99            | 81.25            | 0.3609 | 0.3525 | 0.2864 | 0.0             |                                 |                                 |      | % |  |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für P00, Y <sub>w,10</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementär |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |   |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|---|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                           | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code | % |  |  |
| 32 562                                                                                                                                    | 0 405                           | 71.91            | 45.09            | 0.71             | 0.6108 | 0.383  | 0.006  | 6.9             | 38 591                          | 15 479                          | Rm   | % |  |  |
| 32 563                                                                                                                                    | 7 435                           | 76.34            | 44.77            | 26.27            | 0.5179 | 0.3037 | 0.1782 | 342.7           | -1 485c                         | 17 485                          |      | % |  |  |
| 32 564                                                                                                                                    | 9 450                           | 78.04            | 44.14            | 40.05            | 0.481  | 0.272  | 0.2468 | 326.1           | -1 491c                         | 18 491                          |      | % |  |  |
| 33 567                                                                                                                                    | 12 460                          | 79.79            | 43.63            | 59.19            | 0.4369 | 0.2389 | 0.3241 | 303.8           | -1 506c                         | 21 506                          |      | % |  |  |
| 33 569                                                                                                                                    | 13 465                          | 78.96            | 42.45            | 64.38            | 0.4249 | 0.2284 | 0.3465 | 297.3           | -1 514c                         | 22 514                          |      | % |  |  |
| 34 572                                                                                                                                    | 13 470                          | 75.9             | 39.43            | 64.38            | 0.4223 | 0.2194 | 0.3582 | 294.7           | -1 518c                         | 23 518                          |      | % |  |  |
| 35 579                                                                                                                                    | 15 475                          | 71.24            | 36.02            | 71.98            | 0.3974 | 0.2009 | 0.4015 | 283.5           | -1 534c                         | 26 534                          | Mm   | % |  |  |
| 38 593                                                                                                                                    | 16 480                          | 56.85            | 26.66            | 74.48            | 0.3598 | 0.1687 | 0.4714 | 269.6           | -1 547c                         | 29 547                          |      | % |  |  |
| -1 485c                                                                                                                                   | 17 485                          | 13.51            | 6.89             | 76.33            | 0.1397 | 0.0712 | 0.789  | 231.8           | 11 457                          | 33 566                          |      | % |  |  |
| -1 489c                                                                                                                                   | 17 490                          | 13.51            | 6.89             | 76.33            | 0.1397 | 0.0712 | 0.789  | 231.8           | 11 457                          | 33 566                          | min  | % |  |  |
| -1 495c                                                                                                                                   | 19 495                          | 13.57            | 9.93             | 78.7             | 0.1328 | 0.0972 | 0.7699 | 228.2           | 12 461                          | 33 567                          |      | % |  |  |
| -1 499c                                                                                                                                   | 19 500                          | 13.57            | 9.93             | 78.7             | 0.1328 | 0.0972 | 0.7699 | 228.2           | 12 461                          | 33 567                          |      | % |  |  |
| -1 510c                                                                                                                                   | 22 510                          | 13.93            | 16.65            | 80.34            | 0.1255 | 0.1501 | 0.7242 | 220.7           | 13 467                          | 34 570                          |      | % |  |  |
| -1 519c                                                                                                                                   | 23 520                          | 14.31            | 19.54            | 80.63            | 0.1249 | 0.1707 | 0.7042 | 217.6           | 13 469                          | 34 572                          | Bm   | % |  |  |
| -1 530c                                                                                                                                   | 26 530                          | 16.84            | 29.9             | 81.09            | 0.1317 | 0.2339 | 0.6343 | 207.3           | 14 473                          | 35 577                          |      | % |  |  |
| -1 540c                                                                                                                                   | 28 540                          | 19.99            | 37.89            | 81.21            | 0.1437 | 0.2724 | 0.5838 | 200.2           | 15 475                          | 36 580                          |      | % |  |  |
| -1 544c                                                                                                                                   | 28 545                          | 19.99            | 37.89            | 81.21            | 0.1437 | 0.2724 | 0.5838 | 200.2           | 15 475                          | 36 580                          |      | % |  |  |
| -1 549c                                                                                                                                   | 29 550                          | 22.07            | 42.07            | 81.23            | 0.1518 | 0.2893 | 0.5587 | 196.8           | 15 476                          | 36 583                          |      | % |  |  |
| -1 555c                                                                                                                                   | 31 555                          | 27.36            | 50.61            | 81.25            | 0.1718 | 0.3178 | 0.5102 | 190.4           | 15 478                          | 37 587                          |      | % |  |  |
| -1 560c                                                                                                                                   | 32 560                          | 30.62            | 54.91            | 81.25            | 0.1835 | 0.3292 | 0.4871 | 187.4           | 15 479                          | 38 590                          |      | % |  |  |
| 380                                                                                                                                       | 770 102.37                      | 99.99            | 99.99            | 81.25            | 0.3609 | 0.3525 | 0.2864 | 0.0             |                                 |                                 |      | % |  |  |

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Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für Q00, Y <sub>w</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |  |   |  | % |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|---|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                 | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  | % |  |   |
| 1 405                                                                                                                           | 32 562                          | 34.3             | 57.88            | 116.76           | 0.1641 | 0.277  | 0.5588 | 194.9           | 16 482                          | 38 590                          | Cm   |  | % |  |   |
| 7 435                                                                                                                           | 32 562                          | 27.73            | 58.38            | 81.9             | 0.165  | 0.3474 | 0.4874 | 167.4           | 17 488                          | −1 488c                         |      |  | % |  |   |
| 10 450                                                                                                                          | 32 564                          | 22.97            | 59.19            | 52.11            | 0.171  | 0.4408 | 0.388  | 137.7           | 19 497                          | −1 497c                         |      |  | % |  |   |
| 11 460                                                                                                                          | 33 566                          | 22.58            | 60.58            | 42.66            | 0.1795 | 0.4814 | 0.339  | 127.9           | 20 502                          | −1 502c                         |      |  | % |  |   |
| 12 465                                                                                                                          | 33 568                          | 22.28            | 61.7             | 33.88            | 0.189  | 0.5234 | 0.2874 | 119.9           | 21 508                          | −1 508c                         |      |  | % |  |   |
| 14 470                                                                                                                          | 34 570                          | 22.03            | 62.97            | 19.9             | 0.21   | 0.6002 | 0.1896 | 109.1           | 24 522                          | −1 522c                         |      |  | % |  |   |
| 15 475                                                                                                                          | 35 575                          | 24.72            | 65.9             | 14.92            | 0.2342 | 0.6243 | 0.1413 | 103.6           | 26 530                          | −1 530c                         | Gm   |  | % |  |   |
| 16 480                                                                                                                          | 36 582                          | 30.96            | 71.11            | 11.12            | 0.2735 | 0.6281 | 0.0982 | 96.4            | 27 539                          | −1 539c                         |      |  | % |  |   |
| 17 485                                                                                                                          | 40 602                          | 48.5             | 81.95            | 8.28             | 0.3495 | 0.5907 | 0.0596 | 81.5            | 30 552                          | −1 552c                         |      |  | % |  |   |
| 17 490                                                                                                                          | −1 489c                         | 78.03            | 94.93            | 8.28             | 0.4305 | 0.5237 | 0.0457 | 59.7            | 33 565                          | 11 455                          | max  |  | % |  |   |
| 18 495                                                                                                                          | −1 494c                         | 77.91            | 93.71            | 6.13             | 0.4382 | 0.5271 | 0.0345 | 58.5            | 33 565                          | 11 458                          |      |  | % |  |   |
| 20 500                                                                                                                          | −1 500c                         | 77.84            | 90.31            | 3.26             | 0.4541 | 0.5268 | 0.019  | 55.5            | 33 567                          | 12 463                          |      |  | % |  |   |
| 21 510                                                                                                                          | −1 509c                         | 77.81            | 87.98            | 2.31             | 0.4628 | 0.5233 | 0.0137 | 53.4            | 33 568                          | 13 465                          |      |  | % |  |   |
| 23 520                                                                                                                          | −1 519c                         | 77.48            | 81.84            | 1.14             | 0.4828 | 0.51   | 0.0071 | 48.1            | 34 571                          | 14 470                          | Ym   |  | % |  |   |
| 26 530                                                                                                                          | −1 530c                         | 75.41            | 69.63            | 0.38             | 0.5185 | 0.4788 | 0.0026 | 37.9            | 35 576                          | 15 475                          |      |  | % |  |   |
| 27 540                                                                                                                          | −1 539c                         | 74.15            | 65.08            | 0.26             | 0.5315 | 0.4665 | 0.0018 | 34.1            | 35 578                          | 15 477                          |      |  | % |  |   |
| 28 545                                                                                                                          | −1 544c                         | 72.59            | 60.41            | 0.18             | 0.545  | 0.4536 | 0.0013 | 30.3            | 36 580                          | 15 478                          |      |  | % |  |   |
| 29 550                                                                                                                          | −1 549c                         | 70.69            | 55.69            | 0.13             | 0.5587 | 0.4402 | 0.001  | 26.5            | 36 582                          | 15 479                          |      |  | % |  |   |
| 30 555                                                                                                                          | −1 554c                         | 68.45            | 50.96            | 0.09             | 0.5727 | 0.4264 | 0.0007 | 22.7            | 36 584                          | 16 480                          |      |  | % |  |   |
| 31 560                                                                                                                          | −1 559c                         | 65.85            | 46.27            | 0.07             | 0.5869 | 0.4124 | 0.0006 | 19.2            | 37 587                          | 16 481                          |      |  | % |  |   |
| 380                                                                                                                             | 770 97.93                       | 100.0            | 118.95           | 0.309            | 0.3155 | 0.3753 | 0.0    |                 |                                 |                                 |      |  | % |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für Q00, Y <sub>w</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementäre |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |  |   |  | % |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|---|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                         | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  | % |  |   |
| 32 562                                                                                                                                  | 1 405                           | 63.62            | 42.11            | 2.18             | 0.5895 | 0.3901 | 0.0202 | 14.8            | 38 590                          | 16 482                          | Rm   |  | % |  |   |
| 32 562                                                                                                                                  | 7 435                           | 70.19            | 41.61            | 37.05            | 0.4715 | 0.2795 | 0.2488 | 347.5           | -1 488c                         | 17 488                          |      |  | % |  |   |
| 32 564                                                                                                                                  | 10 450                          | 74.95            | 40.8             | 66.84            | 0.4104 | 0.2234 | 0.366  | 317.7           | -1 497c                         | 19 497                          |      |  | % |  |   |
| 33 566                                                                                                                                  | 11 460                          | 75.34            | 39.41            | 76.28            | 0.3943 | 0.2062 | 0.3993 | 308.0           | -1 502c                         | 20 502                          |      |  | % |  |   |
| 33 568                                                                                                                                  | 12 465                          | 75.64            | 38.29            | 85.07            | 0.3801 | 0.1924 | 0.4274 | 300.0           | -1 508c                         | 21 508                          |      |  | % |  |   |
| 34 570                                                                                                                                  | 14 470                          | 75.89            | 37.02            | 99.05            | 0.358  | 0.1746 | 0.4672 | 289.2           | -1 522c                         | 24 522                          |      |  | % |  |   |
| 35 575                                                                                                                                  | 15 475                          | 73.2             | 34.09            | 104.03           | 0.3464 | 0.1613 | 0.4922 | 283.6           | -1 530c                         | 26 530                          | Mm   |  | % |  |   |
| 36 582                                                                                                                                  | 16 480                          | 66.96            | 28.88            | 107.82           | 0.3287 | 0.1418 | 0.5293 | 276.5           | -1 539c                         | 27 539                          |      |  | % |  |   |
| 40 602                                                                                                                                  | 17 485                          | 49.43            | 18.04            | 110.67           | 0.2774 | 0.1012 | 0.6212 | 261.6           | -1 552c                         | 30 552                          |      |  | % |  |   |
| -1 489c                                                                                                                                 | 17 490                          | 19.89            | 5.06             | 110.66           | 0.1466 | 0.0373 | 0.8159 | 239.7           | 11 455                          | 33 565                          | min  |  | % |  |   |
| -1 494c                                                                                                                                 | 18 495                          | 20.01            | 6.28             | 112.81           | 0.1438 | 0.0451 | 0.8109 | 238.5           | 11 458                          | 33 565                          |      |  | % |  |   |
| -1 500c                                                                                                                                 | 20 500                          | 20.08            | 9.68             | 115.69           | 0.138  | 0.0665 | 0.7953 | 235.5           | 12 463                          | 33 567                          |      |  | % |  |   |
| -1 509c                                                                                                                                 | 21 510                          | 20.11            | 12.01            | 116.64           | 0.1352 | 0.0807 | 0.784  | 233.5           | 13 465                          | 33 568                          |      |  | % |  |   |
| -1 519c                                                                                                                                 | 23 520                          | 20.44            | 18.15            | 117.8            | 0.1307 | 0.116  | 0.7532 | 228.2           | 14 470                          | 34 571                          | Bm   |  | % |  |   |
| -1 530c                                                                                                                                 | 26 530                          | 22.51            | 30.36            | 118.56           | 0.1313 | 0.177  | 0.6915 | 217.9           | 15 475                          | 35 576                          |      |  | % |  |   |
| -1 539c                                                                                                                                 | 27 540                          | 23.77            | 34.91            | 118.69           | 0.134  | 0.1968 | 0.6691 | 214.1           | 15 477                          | 35 578                          |      |  | % |  |   |
| -1 544c                                                                                                                                 | 28 545                          | 25.34            | 39.58            | 118.77           | 0.1379 | 0.2154 | 0.6465 | 210.3           | 15 478                          | 36 580                          |      |  | % |  |   |
| -1 549c                                                                                                                                 | 29 550                          | 27.23            | 44.3             | 118.82           | 0.143  | 0.2327 | 0.6241 | 206.5           | 15 479                          | 36 582                          |      |  | % |  |   |
| -1 554c                                                                                                                                 | 30 555                          | 29.48            | 49.03            | 118.85           | 0.1493 | 0.2484 | 0.6021 | 202.8           | 16 480                          | 36 584                          |      |  | % |  |   |
| -1 559c                                                                                                                                 | 31 560                          | 32.08            | 53.72            | 118.88           | 0.1567 | 0.2624 | 0.5807 | 199.2           | 16 481                          | 37 587                          |      |  | % |  |   |
| 380                                                                                                                                     | 770                             | 97.93            | 100.0            | 118.95           | 0.309  | 0.3155 | 0.3753 | 0.0             |                                 |                                 |      |  | % |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für Q00, Y <sub>w,10</sub> =100, Y <sub>m</sub> =520_770, CIEXYZ-Daten |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |  |   |  | % |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|---|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                    | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  | % |  |   |
| 1 405                                                                                                                              | 31 556                          | 33.44            | 56.31            | 115.58           | 0.1628 | 0.2742 | 0.5628 | 196.1           | 15 475                          | 37 587                          | Cm   |  | % |  |   |
| 7 435                                                                                                                              | 31 558                          | 26.56            | 56.83            | 76.55            | 0.166  | 0.3553 | 0.4786 | 164.7           | 16 482                          | -1 482c                         |      |  | % |  |   |
| 10 450                                                                                                                             | 32 560                          | 22.08            | 57.26            | 46.17            | 0.1759 | 0.4562 | 0.3678 | 133.5           | 18 493                          | -1 493c                         |      |  | % |  |   |
| 12 460                                                                                                                             | 32 563                          | 21.16            | 58.56            | 28.78            | 0.195  | 0.5396 | 0.2652 | 117.0           | 21 506                          | -1 506c                         |      |  | % |  |   |
| 13 465                                                                                                                             | 33 566                          | 22.31            | 60.33            | 21.67            | 0.2138 | 0.5783 | 0.2077 | 109.9           | 23 515                          | -1 515c                         |      |  | % |  |   |
| 13 470                                                                                                                             | 34 572                          | 26.68            | 64.84            | 21.67            | 0.2357 | 0.5727 | 0.1914 | 105.9           | 24 520                          | -1 520c                         |      |  | % |  |   |
| 15 475                                                                                                                             | 36 583                          | 34.45            | 70.42            | 11.51            | 0.296  | 0.605  | 0.0989 | 92.5            | 27 536                          | -1 536c                         | Gm   |  | % |  |   |
| 15 480                                                                                                                             | 45 629                          | 69.24            | 89.85            | 11.51            | 0.4058 | 0.5266 | 0.0674 | 65.2            | 31 556                          | 2 413                           |      |  | % |  |   |
| 17 485                                                                                                                             | -1 485c                         | 77.47            | 90.54            | 5.9              | 0.4454 | 0.5206 | 0.0339 | 56.2            | 32 561                          | 11 455                          |      |  | % |  |   |
| 17 490                                                                                                                             | -1 489c                         | 77.47            | 90.54            | 5.9              | 0.4454 | 0.5206 | 0.0339 | 56.2            | 32 561                          | 11 455                          | max  |  | % |  |   |
| 18 495                                                                                                                             | -1 494c                         | 77.42            | 88.8             | 4.19             | 0.4543 | 0.521  | 0.0246 | 54.6            | 32 562                          | 11 458                          |      |  | % |  |   |
| 19 500                                                                                                                             | -1 499c                         | 77.4             | 86.78            | 2.96             | 0.463  | 0.5191 | 0.0177 | 52.7            | 32 563                          | 12 460                          |      |  | % |  |   |
| 21 510                                                                                                                             | -1 509c                         | 77.23            | 81.81            | 1.45             | 0.4812 | 0.5097 | 0.009  | 48.2            | 33 566                          | 12 464                          |      |  | % |  |   |
| 24 520                                                                                                                             | -1 520c                         | 75.89            | 71.94            | 0.44             | 0.5118 | 0.4851 | 0.0029 | 39.7            | 34 570                          | 13 468                          | Ym   |  | % |  |   |
| 26 530                                                                                                                             | -1 530c                         | 73.77            | 64.11            | 0.16             | 0.5343 | 0.4644 | 0.0011 | 33.2            | 34 574                          | 14 471                          |      |  | % |  |   |
| 27 540                                                                                                                             | -1 539c                         | 72.26            | 59.95            | 0.08             | 0.5462 | 0.4531 | 0.0006 | 29.9            | 35 576                          | 14 472                          |      |  | % |  |   |
| 29 545                                                                                                                             | -1 545c                         | 68.32            | 51.41            | 0.01             | 0.5705 | 0.4293 | 0.0001 | 23.3            | 36 581                          | 14 474                          |      |  | % |  |   |
| 30 550                                                                                                                             | -1 550c                         | 65.85            | 47.12            | 0.0              | 0.5828 | 0.4171 | 0.0    | 20.1            | 36 583                          | 15 475                          |      |  | % |  |   |
| 30 555                                                                                                                             | -1 554c                         | 65.85            | 47.12            | 0.0              | 0.5828 | 0.4171 | 0.0    | 20.1            | 36 583                          | 15 475                          |      |  | % |  |   |
| 31 560                                                                                                                             | 9 447                           | 75.63            | 44.71            | 62.92            | 0.4126 | 0.244  | 0.3433 | 325.1           | -1 488c                         | 17 488                          |      |  | % |  |   |
| 380                                                                                                                                | 770                             | 97.65            | 100.0            | 118.42           | 0.3089 | 0.3163 | 0.3746 | 0.0             |                                 |                                 |      |  | % |  |   |

| Ostwald-Optimalfarben (o) von maximalem (m) C <sub>AB</sub> für Q00, Y <sub>w,10</sub> =100, Y <sub>m</sub> =770_520, CIEXYZ komplementäre |                                 |                  |                  |                  |        |        |        |                 |                                 |                                 |      |  |   |  | % |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|------------------|------------------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|---|--|---|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                            | i <sub>2</sub> , λ <sub>2</sub> | X <sub>100</sub> | Y <sub>100</sub> | Z <sub>100</sub> | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  | % |  |   |
| 31 556                                                                                                                                     | 1 405                           | 64.2             | 43.68            | 2.84             | 0.5797 | 0.3945 | 0.0256 | 16.0            | 37 587                          | 15 475                          | Rm   |  | % |  |   |
| 31 558                                                                                                                                     | 7 435                           | 71.08            | 43.16            | 41.86            | 0.4553 | 0.2764 | 0.2681 | 344.7           | -1 482c                         | 16 482                          |      |  | % |  |   |
| 32 560                                                                                                                                     | 10 450                          | 75.56            | 42.73            | 72.24            | 0.3965 | 0.2242 | 0.3791 | 313.6           | -1 493c                         | 18 493                          |      |  | % |  |   |
| 32 563                                                                                                                                     | 12 460                          | 76.48            | 41.43            | 89.63            | 0.3685 | 0.1996 | 0.4318 | 297.0           | -1 506c                         | 21 506                          |      |  | % |  |   |
| 33 566                                                                                                                                     | 13 465                          | 75.33            | 39.66            | 96.74            | 0.3557 | 0.1873 | 0.4568 | 289.9           | -1 515c                         | 23 515                          |      |  | % |  |   |
| 34 572                                                                                                                                     | 13 470                          | 70.96            | 35.15            | 96.74            | 0.3497 | 0.1732 | 0.4769 | 285.9           | -1 520c                         | 24 520                          |      |  | % |  |   |
| 36 583                                                                                                                                     | 15 475                          | 63.19            | 29.57            | 106.9            | 0.3164 | 0.1481 | 0.5354 | 272.5           | -1 536c                         | 27 536                          | Mm   |  | % |  |   |
| 45 629                                                                                                                                     | 15 480                          | 28.4             | 10.14            | 106.9            | 0.1952 | 0.0697 | 0.7349 | 245.2           | 2 413                           | 31 556                          |      |  | % |  |   |
| -1 485c                                                                                                                                    | 17 485                          | 20.17            | 9.45             | 112.51           | 0.1419 | 0.0664 | 0.7915 | 236.2           | 11 455                          | 32 561                          |      |  | % |  |   |
| -1 489c                                                                                                                                    | 17 490                          | 20.17            | 9.45             | 112.51           | 0.1419 | 0.0664 | 0.7915 | 236.2           | 11 455                          | 32 561                          | min  |  | % |  |   |
| -1 494c                                                                                                                                    | 18 495                          | 20.22            | 11.19            | 114.22           | 0.1388 | 0.0768 | 0.7842 | 234.6           | 11 458                          | 32 562                          |      |  | % |  |   |
| -1 499c                                                                                                                                    | 19 500                          | 20.24            | 13.21            | 115.45           | 0.1359 | 0.0887 | 0.7752 | 232.7           | 12 460                          | 32 563                          |      |  | % |  |   |
| -1 509c                                                                                                                                    | 21 510                          | 20.41            | 18.18            | 116.97           | 0.1312 | 0.1168 | 0.7518 | 228.3           | 12 464                          | 33 566                          |      |  | % |  |   |
| -1 520c                                                                                                                                    | 24 520                          | 21.75            | 28.05            | 117.98           | 0.1296 | 0.1672 | 0.7031 | 219.7           | 13 468                          | 34 570                          | Bm   |  | % |  |   |
| -1 530c                                                                                                                                    | 26 530                          | 23.87            | 35.88            | 118.26           | 0.1341 | 0.2015 | 0.6643 | 213.3           | 14 471                          | 34 574                          |      |  | % |  |   |
| -1 539c                                                                                                                                    | 27 540                          | 25.38            | 40.04            | 118.33           | 0.1381 | 0.2179 | 0.6439 | 209.9           | 14 472                          | 35 576                          |      |  | % |  |   |
| -1 545c                                                                                                                                    | 29 545                          | 29.32            | 48.58            | 118.41           | 0.1493 | 0.2474 | 0.6031 | 203.3           | 14 474                          | 36 581                          |      |  | % |  |   |
| -1 550c                                                                                                                                    | 30 550                          | 31.79            | 52.87            | 118.42           | 0.1565 | 0.2603 | 0.5831 | 200.1           | 15 475                          | 36 583                          |      |  | % |  |   |
| -1 554c                                                                                                                                    | 30 555                          | 31.79            | 52.87            | 118.42           | 0.1565 | 0.2603 | 0.5831 | 200.1           | 15 475                          | 36 583                          |      |  | % |  |   |
| 9 447                                                                                                                                      | 31 560                          | 22.01            | 55.28            | 55.5             | 0.1657 | 0.4162 | 0.4179 | 145.0           | 17 488                          | -1 488c                         |      |  | % |  |   |
|                                                                                                                                            | 380                             | 770              | 97.65            | 100.0            | 118.42 | 0.3089 | 0.3163 | 0.3746          | 0.0                             |                                 |      |  | % |  |   |