

| Ostwald-Optimalfarben (o), maximales (m) C <sub>AB</sub> für D50, Y <sub>N</sub> =3,6, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                |                |                |       |                |                |                  |                |                |                   |                       |                |                |                |      |
|------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|-------|----------------|----------------|------------------|----------------|----------------|-------------------|-----------------------|----------------|----------------|----------------|------|
| l <sub>1</sub>                                                                                                                     | λ <sub>1</sub> | l <sub>2</sub> | λ <sub>2</sub> | Y     | A <sub>1</sub> | B <sub>1</sub> | C <sub>AB1</sub> | a <sub>1</sub> | b <sub>1</sub> | h <sub>xy,1</sub> | l <sub>d</sub>        | λ <sub>d</sub> | l <sub>c</sub> | λ <sub>c</sub> | Code |
| 1                                                                                                                                  | 405            | 32             | 564            | 48.45 | -52.52         | -26.15         | 58.67            | 0.2236         | -0.5457        | 206.4             | 17                    | 486            | 38             | 592            | Cm   |
| 7                                                                                                                                  | 435            | 33             | 565            | 48.25 | -54.77         | -12.23         | 56.12            | 0.2032         | -0.4313        | 192.5             | 18                    | 490            | 46             | 631            |      |
| 10                                                                                                                                 | 450            | 33             | 566            | 48.75 | -56.74         | 4.51           | 56.92            | 0.1916         | -0.2928        | 175.4             | 19                    | 497            | -1             | 497c           |      |
| 12                                                                                                                                 | 460            | 33             | 567            | 49.37 | -57.34         | 16.06          | 59.55            | 0.1926         | -0.1997        | 164.3             | 21                    | 506            | -1             | 506c           |      |
| 13                                                                                                                                 | 465            | 33             | 568            | 50.0  | -57.3          | 21.33          | 61.15            | 0.1988         | -0.1592        | 159.5             | 22                    | 512            | -1             | 512c           |      |
| 14                                                                                                                                 | 470            | 34             | 570            | 50.5  | -56.89         | 25.72          | 62.43            | 0.2066         | -0.1261        | 155.6             | 23                    | 519            | -1             | 519c           |      |
| 15                                                                                                                                 | 475            | 34             | 573            | 52.24 | -55.8          | 30.37          | 63.53            | 0.2299         | -0.0973        | 151.4             | 25                    | 527            | -1             | 527c           | Gm   |
| 15                                                                                                                                 | 480            | 35             | 578            | 55.34 | -54.77         | 32.93          | 63.91            | 0.2613         | -0.0919        | 148.9             | 26                    | 532            | -1             | 532c           |      |
| 17                                                                                                                                 | 485            | 37             | 587            | 59.41 | -48.2          | 40.63          | 63.04            | 0.3327         | -0.0563        | 139.8             | 28                    | 544            | -1             | 544c           |      |
| 18                                                                                                                                 | 490            | 44             | 620            | 71.6  | -19.22         | 52.07          | 55.51            | 0.5498         | -0.0389        | 110.2             | 32                    | 561            | -1             | 561c           |      |
| 19                                                                                                                                 | 495            | -1             | 495c           | 76.06 | 3.2            | 56.84          | 56.93            | 0.674          | -0.0309        | 86.7              | 33                    | 568            | 12             | 463            | max  |
| 20                                                                                                                                 | 500            | -1             | 500c           | 74.76 | 5.9            | 56.63          | 56.94            | 0.6888         | -0.0268        | 84.0              | 33                    | 569            | 13             | 466            |      |
| 22                                                                                                                                 | 510            | -1             | 510c           | 71.15 | 12.94          | 54.8           | 56.31            | 0.73           | -0.0218        | 76.7              | 34                    | 571            | 14             | 471            |      |
| 23                                                                                                                                 | 520            | -1             | 519c           | 68.78 | 17.2           | 53.19          | 55.9             | 0.7572         | -0.0205        | 72.0              | 34                    | 572            | 14             | 473            | Ym   |
| 25                                                                                                                                 | 530            | -1             | 529c           | 62.96 | 26.65          | 48.81          | 55.62            | 0.8265         | -0.0197        | 61.3              | 35                    | 575            | 15             | 477            |      |
| 27                                                                                                                                 | 540            | -1             | 539c           | 56.11 | 36.05          | 43.4           | 56.42            | 0.9142         | -0.0205        | 50.2              | 35                    | 579            | 16             | 480            |      |
| 28                                                                                                                                 | 545            | -1             | 544c           | 52.49 | 40.31          | 40.47          | 57.12            | 0.9643         | -0.0214        | 45.1              | 36                    | 581            | 16             | 481            |      |
| 29                                                                                                                                 | 550            | -1             | 549c           | 48.77 | 44.13          | 37.44          | 57.88            | 1.0192         | -0.0227        | 40.3              | 36                    | 583            | 16             | 483            |      |
| 30                                                                                                                                 | 555            | -1             | 554c           | 45.01 | 47.39          | 34.37          | 58.54            | 1.0783         | -0.0244        | 35.9              | 37                    | 585            | 16             | 484            |      |
| 32                                                                                                                                 | 560            | -1             | 560c           | 37.66 | 51.7           | 28.34          | 58.96            | 1.2062         | -0.0288        | 28.7              | 38                    | 590            | 17             | 486            |      |
| 32                                                                                                                                 | 564            | 1              | 405            | 41.54 | 52.52          | 26.15          | 58.67            | 1.1629         | -0.078         | 26.4              | 38                    | 592            | 17             | 486            | Rm   |
| 33                                                                                                                                 | 565            | 7              | 435            | 41.74 | 54.76          | 12.23          | 56.11            | 1.182          | -0.2126        | 12.5              | 46                    | 631            | 18             | 490            |      |
| 33                                                                                                                                 | 566            | 10             | 450            | 41.24 | 56.73          | -4.51          | 56.91            | 1.2074         | -0.3736        | 355.4             | -1                    | 497c           | 19             | 497            |      |
| 33                                                                                                                                 | 567            | 12             | 460            | 40.62 | 57.33          | -16.06         | 59.54            | 1.2217         | -0.488         | 344.3             | -1                    | 506c           | 21             | 506            |      |
| 33                                                                                                                                 | 568            | 13             | 465            | 39.99 | 57.29          | -21.33         | 61.13            | 1.2302         | -0.5432        | 339.5             | -1                    | 512c           | 22             | 512            |      |
| 34                                                                                                                                 | 570            | 14             | 470            | 39.49 | 56.88          | -25.71         | 62.42            | 1.2333         | -0.5903        | 335.6             | -1                    | 519c           | 23             | 519            |      |
| 34                                                                                                                                 | 573            | 15             | 475            | 37.75 | 55.79          | -30.36         | 63.52            | 1.2483         | -0.6516        | 331.4             | -1                    | 527c           | 25             | 527            | Mm   |
| 35                                                                                                                                 | 578            | 15             | 480            | 34.65 | 54.75          | -32.92         | 63.89            | 1.2893         | -0.7099        | 328.9             | -1                    | 532c           | 26             | 532            |      |
| 37                                                                                                                                 | 587            | 17             | 485            | 30.58 | 48.18          | -40.61         | 63.02            | 1.2874         | -0.861         | 319.8             | -1                    | 544c           | 28             | 544            |      |
| 44                                                                                                                                 | 620            | 18             | 490            | 18.39 | 19.21          | -52.05         | 55.48            | 1.0751         | -1.4618        | 290.2             | -1                    | 561c           | 32             | 561            |      |
| -1                                                                                                                                 | 495c           | 19             | 495            | 13.93 | -3.2           | -56.81         | 56.9             | 0.5652         | -1.9609        | 266.7             | 12                    | 463            | 33             | 568            | min  |
| -1                                                                                                                                 | 500c           | 20             | 500            | 15.23 | -5.89          | -56.61         | 56.91            | 0.5023         | -1.8165        | 264.0             | 13                    | 466            | 33             | 569            |      |
| -1                                                                                                                                 | 510c           | 22             | 510            | 18.84 | -12.94         | -54.78         | 56.28            | 0.3825         | -1.4926        | 256.7             | 14                    | 471            | 34             | 571            |      |
| -1                                                                                                                                 | 519c           | 23             | 520            | 21.21 | -17.2          | -53.17         | 55.88            | 0.3328         | -1.3327        | 252.0             | 14                    | 473            | 34             | 572            | Bm   |
| -1                                                                                                                                 | 529c           | 25             | 530            | 27.03 | -26.65         | -48.8          | 55.6             | 0.2629         | -1.0518        | 241.3             | 15                    | 477            | 35             | 575            |      |
| -1                                                                                                                                 | 539c           | 27             | 540            | 33.88 | -36.05         | -43.39         | 56.41            | 0.2316         | -0.8422        | 230.2             | 16                    | 480            | 35             | 579            |      |
| -1                                                                                                                                 | 544c           | 28             | 545            | 37.5  | -40.3          | -40.47         | 57.12            | 0.2273         | -0.7615        | 225.1             | 16                    | 481            | 36             | 581            |      |
| -1                                                                                                                                 | 549c           | 29             | 550            | 41.22 | -44.13         | -37.44         | 57.87            | 0.229          | -0.6931        | 220.3             | 16                    | 483            | 36             | 583            |      |
| -1                                                                                                                                 | 554c           | 30             | 555            | 44.98 | -47.38         | -34.37         | 58.54            | 0.2358         | -0.6355        | 215.9             | 16                    | 484            | 37             | 585            |      |
| -1                                                                                                                                 | 560c           | 32             | 560            | 52.33 | -51.69         | -28.34         | 58.96            | 0.262          | -0.5465        | 208.7             | 17                    | 486            | 38             | 590            |      |
| W0                                                                                                                                 | 380            | 770            | 90.0           | 0.0   | 0.0            | 0.0            | 0.0              | 0.6572         | -0.3298        | 0.0               | B <sub>c</sub> =1,000 |                |                |                |      |
| N0                                                                                                                                 | 380            | 770            | 3.6            | 0.0   | 0.0            | 0.0            | 0.0              | 0.6572         | -0.3298        | 0.0               | x <sub>c</sub> =0,110 |                |                |                |      |

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| Ostwald-Optimalfarben (o), maximales (m) C <sub>AB</sub> für D50, Y <sub>N</sub> =3,6, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                |                |                |       |                |                |                  |                |                |                   |                       |                |                |                |      |
|------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|-------|----------------|----------------|------------------|----------------|----------------|-------------------|-----------------------|----------------|----------------|----------------|------|
| l <sub>1</sub>                                                                                                                     | λ <sub>1</sub> | l <sub>2</sub> | λ <sub>2</sub> | Y     | A <sub>2</sub> | B <sub>2</sub> | C <sub>AB2</sub> | a <sub>2</sub> | b <sub>2</sub> | h <sub>xy,2</sub> | l <sub>d</sub>        | λ <sub>d</sub> | l <sub>c</sub> | λ <sub>c</sub> | Code |
| 1                                                                                                                                  | 405            | 32             | 564            | 48.45 | -52.52         | -26.15         | 58.67            | 0.2236         | -0.5457        | 206.4             | 17                    | 486            | 38             | 592            | Cm   |
| 7                                                                                                                                  | 435            | 33             | 565            | 48.25 | -54.77         | -12.23         | 56.12            | 0.2032         | -0.4313        | 192.5             | 18                    | 490            | 46             | 631            |      |
| 10                                                                                                                                 | 450            | 33             | 566            | 48.75 | -56.74         | 4.51           | 56.92            | 0.1916         | -0.2928        | 175.4             | 19                    | 497            | -1             | 497c           |      |
| 12                                                                                                                                 | 460            | 33             | 567            | 49.37 | -57.34         | 16.06          | 59.55            | 0.1926         | -0.1997        | 164.3             | 21                    | 506            | -1             | 506c           |      |
| 13                                                                                                                                 | 465            | 33             | 568            | 50.0  | -57.3          | 21.33          | 61.15            | 0.1988         | -0.1592        | 159.5             | 22                    | 512            | -1             | 512c           |      |
| 14                                                                                                                                 | 470            | 34             | 570            | 50.5  | -56.89         | 25.72          | 62.43            | 0.2066         | -0.1261        | 155.6             | 23                    | 519            | -1             | 519c           |      |
| 15                                                                                                                                 | 475            | 34             | 573            | 52.24 | -55.8          | 30.37          | 63.53            | 0.2299         | -0.0973        | 151.4             | 25                    | 527            | -1             | 527c           | Gm   |
| 15                                                                                                                                 | 480            | 35             | 578            | 55.34 | -54.77         | 32.93          | 63.91            | 0.2613         | -0.0919        | 148.9             | 26                    | 532            | -1             | 532c           |      |
| 17                                                                                                                                 | 485            | 37             | 587            | 59.41 | -48.2          | 40.63          | 63.04            | 0.3327         | -0.0563        | 139.8             | 28                    | 544            | -1             | 544c           |      |
| 18                                                                                                                                 | 490            | 44             | 620            | 71.6  | -19.22         | 52.07          | 55.51            | 0.5498         | -0.0389        | 110.2             | 32                    | 561            | -1             | 561c           |      |
| 19                                                                                                                                 | 495            | -1             | 495c           | 76.06 | 3.2            | 56.84          | 56.93            | 0.674          | -0.0309        | 86.7              | 33                    | 568            | 12             | 463            | max  |
| 20                                                                                                                                 | 500            | -1             | 500c           | 74.76 | 5.9            | 56.63          | 56.94            | 0.6888         | -0.0268        | 84.0              | 33                    | 569            | 13             | 466            |      |
| 22                                                                                                                                 | 510            | -1             | 510c           | 71.15 | 12.94          | 54.8           | 56.31            | 0.73           | -0.0218        | 76.7              | 34                    | 571            | 14             | 471            |      |
| 23                                                                                                                                 | 520            | -1             | 519c           | 68.78 | 17.2           | 53.19          | 55.9             | 0.7572         | -0.0205        | 72.0              | 34                    | 572            | 14             | 473            | Ym   |
| 25                                                                                                                                 | 530            | -1             | 529c           | 62.96 | 26.65          | 48.81          | 55.62            | 0.8265         | -0.0197        | 61.3              | 35                    | 575            | 15             | 477            |      |
| 27                                                                                                                                 | 540            | -1             | 539c           | 56.11 | 36.05          | 43.4           | 56.42            | 0.9142         | -0.0205        | 50.2              | 35                    | 579            | 16             | 480            |      |
| 28                                                                                                                                 | 545            | -1             | 544c           | 52.49 | 40.31          | 40.47          | 57.12            | 0.9643         | -0.0214        | 45.1              | 36                    | 581            | 16             | 481            |      |
| 29                                                                                                                                 | 550            | -1             | 549c           | 48.77 | 44.13          | 37.44          | 57.88            | 1.0192         | -0.0227        | 40.3              | 36                    | 583            | 16             | 483            |      |
| 30                                                                                                                                 | 555            | -1             | 554c           | 45.01 | 47.39          | 34.37          | 58.54            | 1.0783         | -0.0244        | 35.9              | 37                    | 585            | 16             | 484            |      |
| 32                                                                                                                                 | 560            | -1             | 560c           | 37.66 | 51.7           | 28.34          | 58.96            | 1.2062         | -0.0288        | 28.7              | 38                    | 590            | 17             | 486            |      |
| 32                                                                                                                                 | 564            | 1              | 405            | 41.54 | 52.52          | 26.15          | 58.67            | 1.1629         | -0.078         | 26.4              | 38                    | 592            | 17             | 486            | Rm   |
| 33                                                                                                                                 | 565            | 7              | 435            | 41.74 | 54.76          | 12.23          | 56.11            | 1.182          | -0.2126        | 12.5              | 46                    | 631            | 18             | 490            |      |
| 33                                                                                                                                 | 566            | 10             | 450            | 41.24 | 56.73          | -4.51          | 56.91            | 1.2074         | -0.3736        | 355.4             | -1                    | 497c           | 19             | 497            |      |
| 33                                                                                                                                 | 567            | 12             | 460            | 40.62 | 57.33          | -16.06         | 59.54            | 1.2217         | -0.488         | 344.3             | -1                    | 506c           | 21             | 506            |      |
| 33                                                                                                                                 | 568            | 13             | 465            | 39.99 | 57.29          | -21.33         | 61.13            | 1.2302         | -0.5432        | 339.5             | -1                    | 512c           | 22             | 512            |      |
| 34                                                                                                                                 | 570            | 14             | 470            | 39.49 | 56.88          | -25.71         | 62.42            | 1.2333         | -0.5903        | 335.6             | -1                    | 519c           | 23             | 519            |      |
| 34                                                                                                                                 | 573            | 15             | 475            | 37.75 | 55.79          | -30.36         | 63.52            | 1.2483         | -0.6516        | 331.4             | -1                    | 527c           | 25             | 527            | Mm   |
| 35                                                                                                                                 | 578            | 15             | 480            | 34.65 | 54.75          | -32.92         | 63.89            | 1.2893         | -0.7099        | 328.9             | -1                    | 532c           | 26             | 532            |      |
| 37                                                                                                                                 | 587            | 17             | 485            | 30.58 | 48.18          | -40.61         | 63.02            | 1.2874         | -0.861         | 319.8             | -1                    | 544c           | 28             | 544            |      |
| 44                                                                                                                                 | 620            | 18             | 490            | 18.39 | 19.21          | -52.05         | 55.48            | 1.0751         | -1.4618        | 290.2             | -1                    | 561c           | 32             | 561            |      |
| -1                                                                                                                                 | 495c           | 19             | 495            | 13.93 | -3.2           | -56.81         | 56.9             | 0.5652         | -1.9609        | 266.7             | 12                    | 463            | 33             | 568            | min  |
| -1                                                                                                                                 | 500c           | 20             | 500            | 15.23 | -5.89          | -56.61         | 56.91            | 0.5023         | -1.8165        | 264.0             | 13                    | 466            | 33             | 569            |      |
| -1                                                                                                                                 | 510c           | 22             | 510            | 18.84 | -12.94         | -54.78         | 56.28            | 0.3825         | -1.4926        | 256.7             | 14                    | 471            | 34             | 571            |      |
| -1                                                                                                                                 | 519c           | 23             | 520            | 21.21 | -17.2          | -53.17         | 55.88            | 0.3328         | -1.3327        | 252.0             | 14                    | 473            | 34             | 572            | Bm   |
| -1                                                                                                                                 | 529c           | 25             | 530            | 27.03 | -26.65         | -48.8          | 55.6             | 0.2629         | -1.0518        | 241.3             | 15                    | 477            | 35             | 575            |      |
| -1                                                                                                                                 | 539c           | 27             | 540            | 33.88 | -36.05         | -43.39         | 56.41            | 0.2316         | -0.8422        | 230.2             | 16                    | 480            | 35             | 579            |      |
| -1                                                                                                                                 | 544c           | 28             | 545            | 37.5  | -40.3          | -40.47         | 57.12            | 0.2273         | -0.7615        | 225.1             | 16                    | 481            | 36             | 581            |      |
| -1                                                                                                                                 | 549c           | 29             | 550            | 41.22 | -44.13         | -37.44         | 57.87            | 0.229          | -0.6931        | 220.3             | 16                    | 483            | 36             | 583            |      |
| -1                                                                                                                                 | 554c           | 30             | 555            | 44.98 | -47.38         | -34.37         | 58.54            | 0.2358         | -0.6355        | 215.9             | 16                    | 484            | 37             | 585            |      |
| -1                                                                                                                                 | 560c           | 32             | 560            | 52.33 | -51.69         | -28.34         | 58.96            | 0.262          | -0.5465        | 208.7             | 17                    | 486            | 38             | 590            |      |
| W0                                                                                                                                 | 380            | 770            | 90.0           | 0.0   | 0.0            | 0.0            | 0.               | 0.6572         | -0.3298        | 0.0               | Bc=1,000              |                |                |                |      |
| N0                                                                                                                                 | 380            | 770            | 3.6            | 0.0   | 0.0            | 0.0            | 0.               | 0.6572         | -0.3298        | 0.0               | x <sub>c</sub> =0.110 |                |                |                |      |