

**Ostwald optimal colours (o) of maximum (m) C<sub>AB</sub> for D65, Y<sub>w</sub>=100, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | Y <sub>100</sub> | A <sub>100</sub> | B <sub>100</sub> | C <sub>AB</sub> | a      | b       | h <sub>ab</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|------------------|------------------|------------------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|
| 0 405                           | 32 561                          | 58.2             | −22.74           | −17.89           | 28.94           | 0.5596 | −0.743  | 218.1           | 16 483                          | 37 589                          | Cm   |
| 6 435                           | 32 562                          | 58.79            | −26.79           | −9.88            | 28.55           | 0.4948 | −0.6036 | 200.2           | 17 486                          | 42 610                          |      |
| 10 450                          | 32 563                          | 59.41            | −33.54           | 4.93             | 33.9            | 0.3859 | −0.3525 | 171.6           | 19 496                          | −1 496c                         |      |
| 12 460                          | 33 565                          | 60.32            | −36.45           | 12.66            | 38.58           | 0.3461 | −0.2256 | 160.8           | 21 505                          | −1 505c                         |      |
| 12 465                          | 33 567                          | 61.66            | −36.65           | 13.24            | 38.97           | 0.356  | −0.2207 | 160.1           | 21 506                          | −1 506c                         |      |
| 14 470                          | 33 569                          | 62.72            | −38.14           | 19.32            | 42.76           | 0.3422 | −0.1274 | 153.1           | 24 520                          | −1 520c                         |      |
| 15 475                          | 34 573                          | 65.29            | −38.28           | 22.47            | 44.39           | 0.364  | −0.0913 | 149.5           | 25 528                          | −1 528c                         | Gm   |
| 16 480                          | 36 580                          | 69.95            | −37.48           | 26.04            | 45.64           | 0.4146 | −0.0632 | 145.2           | 27 537                          | −1 537c                         |      |
| 17 485                          | 39 595                          | 78.75            | −32.73           | 31.0             | 45.09           | 0.5347 | −0.0418 | 136.5           | 29 548                          | −1 548c                         |      |
| 18 490                          | −1 490c                         | 93.8             | −12.06           | 38.4             | 40.25           | 0.8218 | −0.0261 | 107.4           | 33 565                          | 11 459                          | max  |
| 19 495                          | −1 495c                         | 92.3             | −10.68           | 38.39            | 39.85           | 0.8346 | −0.0195 | 105.5           | 33 566                          | 12 462                          |      |
| 20 500                          | −1 500c                         | 90.42            | −8.91            | 38.07            | 39.1            | 0.8518 | −0.0144 | 103.1           | 33 567                          | 12 464                          |      |
| 22 510                          | −1 510c                         | 85.27            | −4.15            | 36.48            | 36.72           | 0.9016 | −0.0076 | 96.5            | 33 569                          | 13 469                          |      |
| 23 520                          | −1 519c                         | 81.98            | −1.26            | 35.24            | 35.26           | 0.935  | −0.0056 | 92.0            | 34 570                          | 14 471                          | Ym   |
| 25 530                          | −1 529c                         | 74.04            | 5.15             | 32.02            | 32.43           | 1.0201 | −0.0031 | 80.8            | 34 573                          | 15 475                          |      |
| 27 540                          | −1 539c                         | 64.9             | 11.57            | 28.16            | 30.44           | 1.1288 | −0.0016 | 67.6            | 35 577                          | 15 478                          |      |
| 28 545                          | −1 544c                         | 60.13            | 14.5             | 26.11            | 29.87           | 1.1917 | −0.0012 | 60.9            | 35 579                          | 15 479                          |      |
| 29 550                          | −1 549c                         | 55.26            | 17.18            | 24.01            | 29.53           | 1.2613 | −0.0009 | 54.4            | 36 582                          | 16 480                          |      |
| 30 555                          | −1 554c                         | 50.4             | 19.49            | 21.91            | 29.33           | 1.3372 | −0.0007 | 48.3            | 36 584                          | 16 481                          |      |
| 32 560                          | −1 560c                         | 41.0             | 22.8             | 17.83            | 28.95           | 1.5064 | −0.0005 | 38.0            | 37 589                          | 16 483                          |      |
| 32 561                          | 0 405                           | 41.79            | 22.74            | 17.89            | 28.94           | 1.4947 | −0.0072 | 38.1            | 37 589                          | 16 483                          | Rm   |
| 32 562                          | 6 435                           | 41.2             | 26.79            | 9.88             | 28.55           | 1.6006 | −0.1956 | 20.2            | 42 610                          | 17 486                          |      |
| 32 563                          | 10 450                          | 40.58            | 33.54            | −4.93            | 33.9            | 1.777  | −0.557  | 351.6           | −1 496c                         | 19 496                          |      |
| 33 565                          | 12 460                          | 39.67            | 36.45            | −12.66           | 38.58           | 1.869  | −0.7547 | 340.8           | −1 505c                         | 21 505                          |      |
| 33 567                          | 12 465                          | 38.33            | 36.65            | −13.24           | 38.97           | 1.9065 | −0.7811 | 340.1           | −1 506c                         | 21 506                          |      |
| 33 569                          | 14 470                          | 37.27            | 38.14            | −19.32           | 42.76           | 1.9738 | −0.9541 | 333.1           | −1 520c                         | 24 520                          |      |
| 34 573                          | 15 475                          | 34.7             | 38.28            | −22.47           | 44.39           | 2.0536 | −1.083  | 329.5           | −1 528c                         | 25 528                          | Mm   |
| 36 580                          | 16 480                          | 30.04            | 37.48            | −26.04           | 45.64           | 2.1981 | −1.3025 | 325.2           | −1 537c                         | 27 537                          |      |
| 39 595                          | 17 485                          | 21.24            | 32.73            | −31.0            | 45.09           | 2.4913 | −1.8951 | 316.5           | −1 548c                         | 29 548                          |      |
| −1 490c                         | 18 490                          | 6.19             | 12.06            | −38.4            | 40.25           | 2.899  | −6.6372 | 287.4           | 11 459                          | 33 565                          | min  |
| −1 495c                         | 19 495                          | 7.69             | 10.68            | −38.39           | 39.85           | 2.3392 | −5.4245 | 285.5           | 12 462                          | 33 566                          |      |
| −1 500c                         | 20 500                          | 9.57             | 8.91             | −38.07           | 39.1            | 1.8814 | −4.4105 | 283.1           | 12 464                          | 33 567                          |      |
| −1 510c                         | 22 510                          | 14.72            | 4.15             | −36.48           | 36.72           | 1.2328 | −2.9143 | 276.5           | 13 469                          | 33 569                          |      |
| −1 519c                         | 23 520                          | 18.01            | 1.26             | −35.24           | 35.26           | 1.0204 | −2.3925 | 272.0           | 14 471                          | 34 570                          | Bm   |
| −1 529c                         | 25 530                          | 25.95            | −5.15            | −32.02           | 32.43           | 0.7516 | −1.6693 | 260.8           | 15 475                          | 34 573                          |      |
| −1 539c                         | 27 540                          | 35.09            | −11.57           | −28.16           | 30.44           | 0.6205 | −1.238  | 247.6           | 15 478                          | 35 577                          |      |
| −1 544c                         | 28 545                          | 39.86            | −14.5            | −26.11           | 29.87           | 0.5865 | −1.0906 | 240.9           | 15 479                          | 35 579                          |      |
| −1 549c                         | 29 550                          | 44.73            | −17.18           | −24.01           | 29.53           | 0.5663 | −0.9725 | 234.4           | 16 480                          | 36 582                          |      |
| −1 554c                         | 30 555                          | 49.59            | −19.49           | −21.91           | 29.33           | 0.5572 | −0.8774 | 228.3           | 16 481                          | 36 584                          |      |
| −1 560c                         | 32 560                          | 58.99            | −22.8            | −17.83           | 28.95           | 0.5638 | −0.7379 | 218.0           | 16 483                          | 37 589                          |      |
| 380                             | 770                             | 100.0            | 0.0              | 0.0              | 0.01            | 0.9504 | −0.4355 | 0.0             |                                 |                                 |      |