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**Ostwald optimal colours (o), maximum (m) C<sub>AB</sub> for D65, Y<sub>N</sub>=3,6, Y<sub>W</sub>=90, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | Y       | A <sub>1</sub> | B <sub>1</sub> | C <sub>A1B1</sub> | a <sub>1</sub> | b <sub>1</sub> | h <sub>xy,1</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|---------|----------------|----------------|-------------------|----------------|----------------|-------------------|---------------------------------|---------------------------------|------|
| 0                               | 405                             | 32 561  | 48.4           | -48.88         | -34.88            | 60.05          | 0.2119         | -0.7237 215.5     | 16 483                          | 37 589                          | Cm   |
| 6                               | 435                             | 32 562  | 48.95          | -51.61         | -19.21            | 55.07          | 0.1941         | -0.5924 200.4     | 17 486                          | 42 610                          |      |
| 10                              | 450                             | 32 563  | 49.59          | -55.42         | 9.74              | 56.27          | 0.1689         | -0.3568 170.0     | 19 496                          | -1 496c                         |      |
| 12                              | 460                             | 33 565  | 49.94          | -56.27         | 24.38             | 61.32          | 0.1652         | -0.2401 156.5     | 21 505                          | -1 505c                         |      |
| 12                              | 465                             | 33 567  | 51.15          | -56.31         | 25.7              | 61.9           | 0.1756         | -0.2344 155.4     | 21 506                          | -1 506c                         |      |
| 14                              | 470                             | 33 569  | 52.23          | -55.65         | 37.79             | 67.27          | 0.1897         | -0.146 145.8      | 24 520                          | -1 520c                         | Gm   |
| 15                              | 475                             | 34 573  | 54.1           | -54.18         | 43.77             | 69.66          | 0.2153         | -0.1118 141.0     | 25 528                          | -1 528c                         | Gm   |
| 16                              | 480                             | 36 580  | 57.45          | -51.07         | 50.41             | 71.76          | 0.2603         | -0.0844 135.3     | 27 537                          | -1 537c                         | Cm   |
| 17                              | 485                             | 39 595  | 64.35          | -40.27         | 60.12             | 72.37          | 0.3656         | -0.0617 123.8     | 29 548                          | -1 548c                         |      |
| 18                              | 490                             | -1 490c | 76.18          | -0.33          | 74.63             | 74.63          | 0.6141         | -0.0435 90.2      | 33 565                          | 11 459                          | max  |
| 19                              | 495                             | -1 495c | 75.01          | 2.04           | 74.61             | 74.64          | 0.6268         | -0.0375 88.4      | 33 566                          | 12 462                          |      |
| 20                              | 500                             | -1 500c | 73.55          | 4.93           | 73.99             | 74.15          | 0.6427         | -0.033 86.1       | 33 567                          | 12 464                          |      |
| 22                              | 510                             | -1 510c | 69.55          | 12.32          | 70.91             | 71.97          | 0.6867         | -0.0276 80.1      | 33 569                          | 13 469                          |      |
| 23                              | 520                             | -1 519c | 66.99          | 16.66          | 68.49             | 70.49          | 0.7154         | -0.0264 76.3      | 34 570                          | 14 471                          | Ym   |
| 25                              | 530                             | -1 529c | 60.81          | 26.04          | 62.23             | 67.46          | 0.7872         | -0.0261 67.2      | 34 573                          | 15 475                          |      |
| 27                              | 540                             | -1 539c | 53.7           | 35.08          | 54.73             | 65.01          | 0.8772         | -0.0278 57.3      | 35 577                          | 15 478                          |      |
| 28                              | 545                             | -1 544c | 49.99          | 39.06          | 50.75             | 64.04          | 0.9284         | -0.0293 52.4      | 35 579                          | 15 479                          |      |
| 29                              | 550                             | -1 549c | 46.21          | 42.56          | 46.68             | 63.17          | 0.9843         | -0.0314 47.6      | 36 582                          | 16 480                          |      |
| 30                              | 555                             | -1 554c | 42.43          | 45.44          | 42.59             | 62.28          | 1.0443         | -0.0339 43.1      | 36 584                          | 16 481                          |      |
| 32                              | 560                             | -1 560c | 35.12          | 48.98          | 34.66             | 60.0           | 1.1736         | -0.0406 35.2      | 37 589                          | 16 483                          |      |
| 32                              | 561                             | 0 405   | 41.59          | 48.88          | 34.88             | 60.06          | 1.086          | -0.0999 35.5      | 37 589                          | 16 483                          | Rm   |
| 32                              | 562                             | 6 435   | 41.04          | 51.61          | 19.21             | 55.07          | 1.1189         | -0.2481 20.4      | 42 610                          | 17 486                          |      |
| 32                              | 563                             | 10 450  | 40.4           | 55.41          | -9.74             | 56.26          | 1.1645         | -0.5318 350.0     | -1 496c                         | 19 496                          |      |
| 33                              | 565                             | 12 460  | 40.05          | 56.25          | -24.38            | 61.31          | 1.1777         | -0.6789 336.5     | -1 505c                         | 21 505                          |      |
| 33                              | 567                             | 12 465  | 38.84          | 56.29          | -25.69            | 61.88          | 1.1956         | -0.7 335.4        | -1 506c                         | 21 506                          |      |
| 33                              | 569                             | 14 470  | 37.76          | 55.63          | -37.78            | 67.25          | 1.2052         | -0.8356 325.8     | -1 520c                         | 24 520                          |      |
| 34                              | 573                             | 15 475  | 35.89          | 54.17          | -43.76            | 69.63          | 1.2196         | -0.9231 321.0     | -1 528c                         | 25 528                          | Mm   |
| 36                              | 580                             | 16 480  | 32.54          | 51.05          | -50.39            | 71.73          | 1.2433         | -1.0547 315.3     | -1 537c                         | 27 537                          |      |
| 39                              | 595                             | 17 485  | 25.64          | 40.25          | -60.1             | 72.33          | 1.2439         | -1.373 303.8      | -1 548c                         | 29 548                          |      |
| -1 490c                         | 18 490                          | 13.81   | 0.33           | -74.58         | 74.58             | 0.6255         | -2.5947 270.2  | 11 459            | 33 565                          | min                             |      |
| -1 495c                         | 19 495                          | 14.98   | -2.04          | -74.56         | 74.59             | 0.5613         | -2.4259 268.4  | 12 462            | 33 566                          |                                 |      |
| -1 500c                         | 20 500                          | 16.44   | -4.93          | -73.95         | 74.11             | 0.4959         | -2.2338 266.1  | 12 464            | 33 567                          |                                 |      |
| -1 510c                         | 22 510                          | 20.44   | -12.31         | -70.87         | 71.94             | 0.3749         | -1.822 260.1   | 13 469            | 33 569                          |                                 |      |
| -1 519c                         | 23 520                          | 23.0    | -16.66         | -68.46         | 70.46             | 0.3262         | -1.6259 256.3  | 14 471            | 34 570                          | Bm                              |      |
| -1 529c                         | 25 530                          | 29.18   | -26.04         | -62.21         | 67.44             | 0.2589         | -1.2882 247.2  | 15 475            | 34 573                          |                                 |      |
| -1 539c                         | 27 540                          | 36.29   | -35.07         | -54.72         | 64.99             | 0.2292         | -1.0385 237.3  | 15 478            | 35 577                          |                                 |      |
| -1 544c                         | 28 545                          | 40.0    | -39.05         | -50.74         | 64.03             | 0.2253         | -0.9428 232.4  | 15 479            | 35 579                          |                                 |      |
| -1 549c                         | 29 550                          | 43.78   | -42.55         | -46.67         | 63.16             | 0.2271         | -0.8618 227.6  | 16 480            | 36 582                          |                                 |      |
| -1 554c                         | 30 555                          | 47.56   | -45.44         | -42.58         | 62.27             | 0.2337         | -0.7935 223.1  | 16 481            | 36 584                          |                                 |      |
| -1 560c                         | 32 560                          | 54.87   | -48.97         | -34.66         | 60.0              | 0.2588         | -0.6881 215.2  | 16 483            | 37 589                          |                                 |      |
| W0                              | 380                             | 770     | 90.0           | 0.0            | 0.0               | 0.0            | 0.6159         | -0.4354 0.0       | B <sub>c</sub> =1,000           |                                 |      |
| N0                              | 380                             | 770     | 3.6            | 0.0            | 0.0               | 0.0            | 0.6159         | -0.4354 0.0       | x <sub>c</sub> =0,110           |                                 |      |

**Ostwald optimal colours (o), maximum (m) C<sub>AB</sub> for D65, Y<sub>N</sub>=3,6, Y<sub>W</sub>=90, Y<sub>m</sub>=520\_770**

| i <sub>1</sub> , λ <sub>1</sub> | i <sub>2</sub> , λ <sub>2</sub> | Y       | A <sub>2</sub> | B <sub>c2</sub> | C <sub>A2B2</sub> | a <sub>2</sub> | b <sub>2</sub> | h <sub>xy,2</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |
|---------------------------------|---------------------------------|---------|----------------|-----------------|-------------------|----------------|----------------|-------------------|---------------------------------|---------------------------------|------|
| 0                               | 405                             | 32 561  | 48.4           | -48.88          | -27.9             | 56.29          | 0.2119         | -0.7237 209.7     | 16 483                          | 37 589                          | Cm   |
| 6                               | 435                             | 32 562  | 48.95          | -51.61          | -15.37            | 53.85          | 0.1941         | -0.5924 196.5     | 17 486                          | 42 610                          |      |
| 10                              | 450                             | 32 563  | 49.59          | -55.42          | 7.79              | 55.97          | 0.1689         | -0.3568 171.9     | 19 496                          | -1 496c                         |      |
| 12                              | 460                             | 33 565  | 49.94          | -56.27          | 19.51             | 59.55          | 0.1652         | -0.2401 160.8     | 21 505                          | -1 505c                         |      |
| 12                              | 465                             | 33 567  | 51.15          | -56.31          | 20.56             | 59.94          | 0.1756         | -0.2344 159.9     | 21 506                          | -1 506c                         |      |
| 14                              | 470                             | 33 569  | 52.23          | -55.65          | 30.23             | 63.33          | 0.1897         | -0.146 151.4      | 24 520                          | -1 520c                         | Gm   |
| 15                              | 475                             | 34 573  | 54.1           | -54.18          | 35.02             | 64.52          | 0.2153         | -0.1118 147.1     | 25 528                          | -1 528c                         | Gm   |
| 16                              | 480                             | 36 580  | 57.45          | -51.07          | 40.33             | 65.07          | 0.2603         | -0.0844 141.7     | 27 537                          | -1 537c                         | Cm   |
| 17                              | 485                             | 39 595  | 64.35          | -40.27          | 48.1              | 62.73          | 0.3656         | -0.0617 129.9     | 29 548                          | -1 548c                         |      |
| 18                              | 490                             | -1 490c | 76.18          | -0.33           | 59.7              | 59.7           | 0.6141         | -0.0435 90.3      | 33 565                          | 11 459                          | max  |
| 19                              | 495                             | -1 495c | 75.01          | 2.04            | 59.69             | 59.72          | 0.6268         | -0.0375 88.0      | 33 566                          | 12 462                          |      |
| 20                              | 500                             | -1 500c | 73.55          | 4.93            | 59.19             | 59.4           | 0.6427         | -0.033 85.2       | 33 567                          | 12 464                          |      |
| 22                              | 510                             | -1 510c | 69.55          | 12.32           | 56.73             | 58.05          | 0.6867         | -0.0276 77.7      | 33 569                          | 13 469                          |      |
| 23                              | 520                             | -1 519c | 66.99          | 16.66           | 54.79             | 57.27          | 0.7154         | -0.0264 73.0      | 34 570                          | 14 471                          | Ym   |
| 25                              | 530                             | -1 529c | 60.81          | 26.04           | 49.78             | 56.18          | 0.7872         | -0.0261 62.3      | 34 573                          | 15 475                          |      |
| 27                              | 540                             | -1 539c | 53.7           | 35.08           | 43.78             | 56.1           | 0.8772         | -0.0278 51.2      | 35 577                          | 15 478                          |      |
| 28                              | 545                             | -1 544c | 49.99          | 39.06           | 40.6              | 56.34          | 0.9284         | -0.0293 46.1      | 35 579                          | 15 479                          |      |
| 29                              | 550                             | -1 549c | 46.21          | 42.56           | 37.34             | 56.62          | 0.9843         | -0.0314 41.2      | 36 582                          | 16 480                          |      |
| 30                              | 555                             | -1 554c | 42.43          | 45.44           | 34.07             | 56.8           | 1.0443         | -0.0339 36.8      | 36 584                          | 16 481                          |      |
| 32                              | 560                             | -1 560c | 35.12          | 48.98           | 27.73             | 56.28          | 1.1736         | -0.0406 29.5      | 37 589                          | 16 483                          |      |
| 32                              | 561                             | 0 405   | 41.59          | 48.88           | 27.91             | 56.29          | 1.086          | -0.0999 29.7      | 37 589                          | 16 483                          | Rm   |
| 32                              | 562                             | 6 435   | 41.04          | 51.61           | 15.36             | 53.85          | 1.1189         | -0.2481 16.5      | 42 610                          | 17 486                          |      |
| 32                              | 563                             | 10 450  | 40.4           | 55.41           | -7.79             | 55.96          | 1.1645         | -0.5318 351.9     | -1 496c                         | 19 496                          |      |
| 33                              | 565                             | 12 460  | 40.05          | 56.25           | -19.5             | 59.54          | 1.1777         | -0.6789 340.8     | -1 505c                         | 21 505                          |      |
| 33                              | 567                             | 12 465  | 38.84          | 56.29           | -20.55            | 59.93          | 1.1956         | -0.7 339.9        | -1 506c                         | 21 506                          |      |
| 33                              | 569                             | 14 470  | 37.76          | 55.63           | -30.22            | 63.32          | 1.2052         | -0.8356 331.4     | -1 520c                         | 24 520                          |      |
| 34                              | 573                             | 15 475  | 35.89          | 54.17           | -35.0             | 64.49          | 1.2196         | -0.9231 327.1     | -1 528c                         | 25 528                          | Mm   |
| 36                              | 580                             | 16 480  | 32.54          | 51.05           | -40.31            | 65.05          | 1.2433         | -1.0547 321.7     | -1 537c                         | 27 537                          |      |
| 39                              | 595                             | 17 485  | 25.64          | 40.25           | -48.08            | 62.7           | 1.2439         | -1.373 309.9      | -1 548c                         | 29 548                          |      |
| -1 490c                         | 18 490                          | 13.81   | 0.33           | -59.66          | 59.66             | 0.6255         | -2.5947 270.3  | 11 459            | 33 565                          | min                             |      |
| -1 495c                         | 19 495                          | 14.98   | -2.04          | -59.65          | 59.68             | 0.5613         | -2.4259 268.0  | 12 462            | 33 566                          |                                 |      |
| -1 500c                         | 20 500                          | 16.44   | -4.93          | -59.16          | 59.36             | 0.4959         | -2.2338 265.2  | 12 464            | 33 567                          |                                 |      |
| -1 510c                         | 22 510                          | 20.44   | -12.31         | -56.7           | 58.02             | 0.3749         | -1.822 257.7   | 13 469            | 33 569                          |                                 |      |
| -1 519c                         | 23 520                          | 23.0    | -16.66         | -54.77          | 57.25             | 0.3262         | -1.6259 253.0  | 14 471            | 34 570                          | Bm                              |      |
| -1 529c                         | 25 530                          | 29.18   | -26.04         | -49.77          | 56.17             | 0.2589         | -1.2882 242.3  | 15 475            | 34 573                          |                                 |      |
| -1 539c                         | 27 540                          | 36.29   | -35.07         | -43.77          | 56.09             | 0.2292         | -1.0385 231.2  | 15 478            | 35 577                          |                                 |      |
| -1 544c                         | 28 545                          | 40.0    | -39.05         | -40.59          | 56.33             | 0.2253         | -0.9428 226.1  | 15 479            | 35 579                          |                                 |      |
| -1 549c                         | 29 550                          | 43.78   | -42.55         | -37.33          | 56.61             | 0.2271         | -0.8618 221.2  | 16 480            | 36 582                          |                                 |      |
| -1 554c                         | 30 555                          | 47.56   | -45.44         | -34.06          | 56.79             | 0.2337         | -0.7935 216.8  | 16 481            | 36 584                          |                                 |      |
| -1 560c                         | 32 560                          | 54.87   | -48.97         | -27.73          | 56.28             | 0.2588         | -0.6881 209.5  | 16 483            | 37 589                          |                                 |      |
| W0                              | 380                             | 770     | 90.0           | 0.0             | 0.0               | 0.0            | 0.6159         | -0.3483 0.0       | B <sub>c</sub> =0,800           |                                 |      |
| N0                              | 380                             | 770     | 3.6            | 0.0             | 0.0               | 0.0            | 0.6159         | -0.3483 0.0       | x <sub>c</sub> =0,110           |                                 |      |

TUB-test chart eeh2; Ostwald optimal colours, Y<sub>N</sub>=3,6, Y<sub>W</sub>=90, illuminant D65, CIE-02-degree  
 Table data: Y<sub>A1</sub>B<sub>1</sub>C<sub>AB,1</sub>h<sub>AB,1</sub> and Y<sub>A2</sub>B<sub>2</sub>C<sub>AB,2</sub>h<sub>AB,2</sub> with different wavelength ranges

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TUB registration: 20230701-eeh2/eeh210na.txt /.ps  
 application for evaluation and measurement of display or print output  
 TUB material: code=rha4ta