

**Optimal colours (o) RYGBCM of maximum (m)  $C_{AB,10}$ ; P60,  $Y_m=510\_770$ , CIEXYZ**

| Code      | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $z_{10}$ | $h_{xy,10}$ | $l_d$ | $\lambda_d$ | $\lambda_c$ |
|-----------|----------|----------|----------|----------|----------|----------|-------------|-------|-------------|-------------|
| $R_{max}$ | 570_770  | 52.63    | 32.4     | 0.37     | 0.6162   | 0.3793   | 0.0043      | 236.6 | 38 592      | 15 478      |
| $Y_{max}$ | 510_770  | 71.49    | 74.74    | 1.65     | 0.4834   | 0.5053   | 0.0111      | 224.6 | 33 566      | 12 464      |
| $G_{max}$ | 470_570  | 20.85    | 54.42    | 18.63    | 0.222    | 0.5794   | 0.1984      | 210.8 | 23 515      | -1 515c     |
| $C_m$     | 380_570  | 35.08    | 57.94    | 93.61    | 0.1879   | 0.3104   | 0.5015      | 214.1 | 15 478      | 38 592      |
| $B_m$     | 380_510  | 16.24    | 15.6     | 9.32     | 0.1307   | 0.1256   | 0.7435      | 226.2 | 12 464      | 33 566      |
| $M_m$     | 570_470  | 66.86    | 35.91    | 75.32    | 0.3754   | 0.2016   | 0.4229      | 244.7 | -1 515c     | 23 515      |
| $R_0$     | 570_440  | 59.02    | 33.18    | 31.4     | 0.4769   | 0.2681   | 0.2549      | 241   | -1 485c     | 17 485      |
| $G_0$     | 520_570  | 19.18    | 42.68    | 1.65     | 0.307    | 0.6719   | 0.026       | 216.3 | 27 538      | -1 538c     |
| $W_1$     | 380_770  | 87.38    | 89.99    | 93.61    | 0.3224   | 0.3321   | 0.3454      | 225.8 | 26 530      | -1 530c     |

| Code      | $Y_{10}$ | $A_{10}$ | $B_{10}$ | $\epsilon_{AB,10}$ | $\alpha_{10}$ | $b_{10}$ | $h_{AB,10}$ | $l_d$ | $\lambda_d$ | $\lambda_c$ | $\lambda^*$ |
|-----------|----------|----------|----------|--------------------|---------------|----------|-------------|-------|-------------|-------------|-------------|
| $R_{max}$ | 570_770  | 32.4     | 21.17    | 13.33              | 25.02         | 1.6245   | -0.0046     | 32.1  | 38 592      | 15 478      | 5178        |
| $Y_{max}$ | 510_770  | 74.74    | -1.07    | 30.43              | 30.45         | 0.9565   | -0.0088     | 92.0  | 33 566      | 13 466      | 5166        |
| $G_{max}$ | 470_570  | 54.42    | -31.98   | 15.18              | 35.41         | 0.3832   | -0.1369     | 154.5 | 23 516      | -1 516      | 5166        |
| $C_m$     | 380_570  | 57.94    | -21.17   | -13.33             | 25.02         | 0.6054   | -0.6462     | 212.2 | 15 478      | 38 591      | 5166        |
| $B_m$     | 380_510  | 15.6     | 1.08     | -30.43             | 30.45         | 1.0406   | -2.3661     | 272.0 | 12 464      | 33 565      | 5166        |
| $M_m$     | 570_470  | 35.91    | 31.98    | -15.18             | 35.41         | 1.8616   | -0.8389     | 334.6 | -1 508      | 21 508      | 5166        |
| $R_0$     | 570_440  | 33.18    | 26.79    | 1.18               | 26.82         | 1.7782   | -0.3802     | 25    | -1 485      | 17 485      | 5166        |
| $G_0$     | 520_570  | 42.68    | -22.25   | 17.09              | 28.06         | 0.4495   | -0.0155     | 142.4 | 27 538      | -1 538      | 5166        |
| $W_1$     | 380_770  | 89.99    | 0.0      | 0.0                | 0.01          | 0.9709   | -0.416      | 9.0   | 39 595      | 15 478      | 5166        |

**Optimal colours (o) RYGBCM of maximum (m)  $C_{AB,10}$ ; P60,  $Y_m=510\_770$ , CIELAB\_76**

| Code      | $L^*_{10}$ | $a^*_{10}$ | $b^*_{10}$ | $C^*_{AB,10}$ | $\alpha^*_{10}$ | $b^*_{10}$ | $h_{AB,10}$ | $l_d$ | $\lambda_d$ | $\lambda_c$ |
|-----------|------------|------------|------------|---------------|-----------------|------------|-------------|-------|-------------|-------------|
| $R_{max}$ | 570_770    | 63.68      | 22.26      | 103.96        | 122.22          | 0.2558     | -0.0192     | 58.2  | 30 601      | 14 470      |
| $Y_{max}$ | 510_770    | 89.27      | -6.25      | 131.11        | 131.13          | 0.2144     | -0.0238     | 90.9  | 33 566      | 13 465      |
| $G_{max}$ | 470_570    | 78.71      | -10.08     | 7650.52       | 119.92          | 0.158      | -0.0595     | 155.0 | 22 513      | -1 513c     |
| $C_m$     | 380_570    | 80.71      | -60.7      | -26.35        | 66.18           | 0.184      | -0.0998     | 203.4 | 15 476      | -1 476c     |
| $B_m$     | 380_510    | 46.47      | 6.28       | -84.51        | 84.74           | 0.2205     | -0.1538     | 274.2 | 13 465      | 32 563      |
| $M_m$     | 570_470    | 66.46      | 86.11      | -37.43        | 93.89           | 0.2676     | -0.1088     | 336.5 | -1 512c     | 22 512      |
| $R_0$     | 570_440    | 64.32      | 77.35      | 4.09          | 77.46           | 0.2636     | -0.0836     | 3.0   | -1 484c     | 16 484      |
| $G_0$     | 520_570    | 71.34      | -85.2      | 100.19        | 131.53          | 0.1666     | -0.0287     | 130.3 | 27 535      | 9 447       |
| $W_1$     | 380_770    | 96.0       | 0.0        | 0.0           | 0.0             | 0.2154     | -0.0861     | 140.3 | 25 526      | -1 526c     |

**Optimal colours (o) RYGBCM of maximum (m)  $C_{AB,10}$ ; P60,  $Y_m=510\_770$ , LABHNU1\_79**

| CodeD65   | $L^*_{10}$ | $A^*_{10}$ | $B^*_{10}$ | $C^*_{AB,10}$ | $\alpha^*_{10}$ | $b^*_{10}$ | $h_{AB,10}$ | $l_d$ | $\lambda_d$ | $\lambda_c$ |
|-----------|------------|------------|------------|---------------|-----------------|------------|-------------|-------|-------------|-------------|
| $R_{max}$ | 570_770    | 63.68      | 69.44      | 66.65         | 96.26           | 0.1749     | -0.0468     | 43.8  | 38 592      | 14 473      |
| $Y_{max}$ | 510_770    | 89.27      | -2.02      | 86.15         | 86.18           | 0.1304     | -0.0478     | 91.3  | 33 566      | 13 465      |
| $G_{max}$ | 470_570    | 78.71      | -74.23     | 42.01         | 85.3            | 0.0922     | -0.0665     | 150.4 | 21 508      | 7 439       |
| $C_m$     | 380_570    | 80.71      | -47.13     | -23.81        | 52.81           | 0.107      | -0.101      | 206.8 | 15 477      | 44 621      |
| $B_m$     | 380_510    | 46.47      | 5.8        | -79.19        | 79.4            | 0.136      | -0.1521     | 274.1 | 13 465      | 33 565      |
| $M_m$     | 570_470    | 66.46      | 97.94      | -34.14        | 103.72          | 0.1907     | -0.1094     | 340.7 | -1 498c     | 19 498      |
| $R_0$     | 570_440    | 64.32      | 86.47      | 3.61          | 86.54           | 0.1852     | -0.0864     | 2.3   | -1 485c     | 17 485      |
| $G_0$     | 520_570    | 71.34      | -60.73     | 69.1          | 91.99           | 0.0966     | -0.0491     | 131.3 | 27 537      | 10 454      |
| $W_1$     | 380_770    | 96.0       | 0.0        | 0.0           | 0.0             | 0.1313     | -0.0887     | 26.6  | 26 531      | 10 452      |

