

Optimal colours (o) RYGBCM of maximum (m) $C_{AB,10}$; P60, $Y_m=520, 770$, CIE XYZ

Code, $K=1:25$ X_{10} Y_{10} Z_{10} x_{10} y_{10} z_{10} $h_{xy,10}$ l_d a_d b_d l_c λ_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} 520, 770 70.89 69.22 0.97 0.5024 0.4906 0.0069 229.5 38 569 13 468

G_{max} 470, 570 20.85 54.42 18.63 0.222 0.5794 0.1984 210.8 23 515 -1 515c

C_{min} 380, 570 35.08 57.94 93.61 0.1879 0.3104 0.5015 214.1 15 478 38 592

B_{min} 380, 520 16.84 21.12 93.01 0.1285 0.1612 0.7101 224.5 13 468 38 569

M_{max} 570, 470 66.86 35.91 75.32 0.3754 0.2016 0.4229 244.7 -1 515c 23 515

R_0 570, 445 60.55 33.46 39.52 0.4534 0.2505 0.2959 241.2 -1 488c 17 488

G_0 520, 570 19.18 42.68 1.65 0.302 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

Optimal colours (o) RYGBCM of maximum (m) $C_{AB,10}$; P60, $Y_m=520, 770$, YAB 77

Code, $K=1:25$ Y_{10} A_{10} B_{10} $\epsilon_{AB,10}$ σ_{10} b_{10} $h_{AB,10}$ l_d λ^*d l_c λ^*c

R_{max} 570, 770 32.4 21.17 13.33 25.02 1.6245 -0.0046 32.1 38 592 15 478

Y_{max} 520, 770 69.22 3.67 28.41 28.64 1.024 -0.0056 82.6 38 569 13 469

G_{max} 470, 570 54.42 -31.98 15.18 35.41 0.3832 -0.1369 154.5 23 516 -1 516c

C_{min} 380, 570 57.94 -21.17 -13.33 25.02 0.6054 -0.6462 212.2 15 478 38 591

B_{min} 380, 520 21.12 -3.66 -28.41 28.65 0.7973 -1.7615 262.6 13 468 38 567

M_{max} 570, 470 35.91 31.98 -15.18 35.41 1.8616 -0.8389 334.6 -1 500c 21 508

R_0 570, 445 33.46 28.06 -1.88 28.13 1.8097 -0.4724 356.1 -1 487c 17 487

G_0 520, 570 42.68 -22.25 17.09 28.06 0.4495 -0.0155 142.4 27 538 -1 538c

W_1 380, 770 89.99 0.0 0.0 0.01 0.9709 -0.416 9.0 39 595 15 478

Optimal colours (o) RYGBCM of maximum (m) $C_{AB,10}$; P60, $Y_m=520, 770$, CIELAB 76

Code, $K=1:25$ L^*_{10} a^*_{10} b^*_{10} $C^*_{ab,10}$ σ^*_{10} b^*_{10} $h_{ab,10}$ l_d λ^*d l_c λ^*c

R_{max} 570, 770 63.68 64.26 103.96 122.22 0.2558 -0.0192 58.2 40 601 14 470

Y_{max} 520, 770 86.62 7.91 134.6 134.83 0.2193 -0.0205 86.6 34 570 13 466

G_{max} 470, 570 78.71 -10.08,7650.52 119.92 0.158 -0.0595 155.0 22 513 -1 513c

C_{min} 380, 570 80.71 -60.7 -26.35 66.18 0.184 -0.0998 203.4 15 476 -1 476c

B_{min} 380, 520 53.09 -18.91 -73.56 75.95 0.2017 -0.1394 255.5 13 465 37 579

M_{max} 570, 470 66.46 86.11 -37.43 93.89 0.2676 -0.1088 336.5 -1 512c 22 512

R_0 570, 445 64.54 80.06 -6.01 80.28 0.2651 -0.0899 355.7 -1 491c 18 491

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, $Y_m=520, 770$, LABHNU1 79

Code, $K=1:25$ L^*_{10} A^*_{10} B^*_{10} $C^*_{ab,10}$ σ^*_{10} b^*_{10} $h_{ab,10}$ l_d λ^*d l_c λ^*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} 520, 770 86.62 7.26 85.39 85.7 0.1349 -0.0471 85.1 33 569 13 466

G_{max} 470, 570 78.71 -74.23 42.01 85.3 0.0922 -0.0665 150.4 21 508 7 439

C_{min} 380, 570 80.71 -47.13 -23.81 52.81 0.107 -0.101 206.8 15 477 44 621

B_{min} 380, 520 53.09 -15.98 -69.49 70.34 0.1198 -0.1382 256.8 13 468 34 573

M_{max} 570, 470 66.46 97.94 -34.14 103.72 0.1907 -0.1094 340.7 -1 498 19 498

R_0 570, 445 64.54 90.09 -5.36 90.24 0.1873 -0.092 356.5 -1 488c 17 488

G_0 520, 570 71.34 -76.73 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

