

**Optimal colours (o) RYGBCM of maximum (m) C<sub>AB</sub>; P60; Y<sub>m</sub>=520, 770, CIEXYZ**

Code, K=1:25 X Y Z x y z h<sub>xy</sub> i<sub>d</sub> h<sub>d</sub> i<sub>c</sub> λ<sub>c</sub>

R<sub>max</sub> 570, 770 55.29 34.58 0.41 0.6123 0.383 0.0046 237.4 38 592 16 484  
Y<sub>max</sub> 520, 770 71.41 74.53 1.39 0.4846 0.5058 0.0094 224.7 34 571 14 471  
G<sub>max</sub> 470, 570 18.76 54.15 22.37 0.1969 0.5683 0.2347 210.3 22 512 -1 512c  
C<sub>max</sub> 380, 570 32.4 55.75 94.07 0.1778 0.3059 0.5162 214.3 16 484 38 592  
B<sub>max</sub> 380, 520 16.29 15.81 93.09 0.1301 0.1263 0.7435 226.1 14 471 34 571  
M<sub>max</sub> 570, 470 68.93 68.93 72.09 0.3889 0.2041 0.4068 246.2 -1 512c 22 512  
R<sub>o</sub> 570, 445 62.43 34.94 35.61 0.4694 0.2627 0.2677 241.9 -1 492c 18 492  
G<sub>o</sub> 520, 570 16.75 45.64 2.36 0.2586 0.7048 0.0365 214.0 27 538 -1 538c  
B<sub>o</sub> 380, 770 87.36 90.0 94.11 0.3218 0.3315 0.3466 225.8 29 549 -1 549c

**Optimal colours (o) RYGBCM of maximum (m) C<sub>AB</sub>; P60; Y<sub>m</sub>=520, 770, YAB, 77**

Code, K=1:25 Y A B ε<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>

R<sub>max</sub> 570, 770 34.58 21.71 14.3 26.0 1.5985 -0.0048 33.3 38 592 16 484  
Y<sub>max</sub> 520, 770 74.53 -0.93 30.61 30.63 0.9581 -0.0074 91.7 34 571 14 473  
G<sub>max</sub> 470, 570 54.15 -33.8 13.7 36.47 0.3464 -0.1652 157.9 22 514 -1 514c  
C<sub>max</sub> 380, 570 55.75 -21.71 -14.3 26.0 0.5812 -0.6749 213.3 16 484 38 592  
B<sub>max</sub> 380, 520 15.81 0.94 -30.62 30.63 1.0302 -2.3547 271.7 14 471 34 570  
M<sub>max</sub> 570, 470 36.18 33.8 -13.7 36.47 1.9048 -0.7969 337.9 -1 507c 21 507  
R<sub>o</sub> 570, 445 34.94 28.51 0.37 28.51 1.7866 -0.4076 0.7 -1 491c 18 491  
G<sub>o</sub> 520, 570 45.64 -27.55 18.14 32.99 0.3669 -0.0207 146.6 27 538 -1 538c  
B<sub>o</sub> 380, 770 90.0 0.0 0.0 0.01 0.9706 -0.4182 19.5 38 593 16 484

**Optimal colours (o) RYGBCM of maximum (m) C<sub>AB</sub>; P60; Y<sub>m</sub>=520, 770, CIELAB, 76**

Code, K=1:25 L\* a\* b\* 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>

R<sub>max</sub> 570, 770 65.43 63.48 106.29 123.81 0.2544 -0.0194 59.1 39 596 15 476  
Y<sub>max</sub> 520, 770 89.17 -1.95 133.3 133.81 0.2145 -0.0225 90.8 34 571 14 472  
G<sub>max</sub> 470, 570 78.55 -118.4343 39 126.13 0.1528 -0.0632 159.8 22 514 -1 514c  
C<sub>max</sub> 380, 570 79.47 -64.65 -28.45 70.63 0.1816 -0.101 203.7 16 482 -1 482c  
B<sub>max</sub> 380, 520 46.74 5.42 -84.22 84.4 0.2197 -0.1533 273.6 14 471 33 569  
M<sub>max</sub> 570, 470 66.67 89.76 -34.15 96.04 0.2697 -0.1068 339.1 -1 515c 23 515  
R<sub>o</sub> 570, 445 65.71 79.41 1.2 79.42 0.264 -0.0854 0.8 -1 491c 18 491  
G<sub>o</sub> 520, 570 73.32 -106.5797 35 144.34 0.1558 -0.0316 137.5 27 535 8 444  
B<sub>o</sub> 380, 770 96.0 0.0 0.0 0.0 0.2154 -0.0861 140.8 26 532 5 429

**Optimal colours (o) RYGBCM of maximum (m) C<sub>AB</sub>; P60; Y<sub>m</sub>=520, 770, LABHNU1, 79**

Code, K=1:25 L\* A\* B\* 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>

R<sub>max</sub> 570, 770 65.43 68.17 68.26 96.48 0.1732 -0.0469 45.0 38 592 15 479  
Y<sub>max</sub> 520, 770 89.17 -1.75 86.97 86.99 0.1305 -0.0475 91.1 34 571 14 472  
G<sub>max</sub> 470, 570 78.55 -78.71 36.63 86.82 0.0897 -0.0694 155.0 21 508 9 448  
C<sub>max</sub> 380, 570 79.47 -49.58 -25.8 55.89 0.1054 -0.1023 207.4 16 483 42 613  
B<sub>max</sub> 380, 520 46.74 4.98 -79.06 79.22 0.1353 -0.1518 273.6 14 471 34 570  
M<sub>max</sub> 570, 470 66.67 102.98 -31.16 107.59 0.1936 -0.1077 343.1 7 437 20 502  
R<sub>o</sub> 570, 445 65.71 88.91 1.07 88.92 0.1857 -0.0882 0.6 -1 492c 18 492  
G<sub>o</sub> 520, 570 73.32 -71.9 69.08 99.71 0.0911 -0.0501 136.1 27 536 12 461  
B<sub>o</sub> 380, 770 96.0 0.0 0.0 0.0 0.1313 -0.0888 56.4 25 525 11 457

