

**Optimalfarben (o) RYGBCM von maximalem (m) C<sub>AB</sub>; D65, 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> | h <sub>c</sub> |
|------------------------|-------|-------|-------|--------|--------|--------|-----------------|----------------|----------------|----------------|----------------|
| R <sub>m</sub> 570_770 | 52.74 | 33.13 | 0.43  | 0.6111 | 0.3838 | 0.005  | 237.6           | 38             | 592            | 16             | 484            |
| Y <sub>m</sub> 520_770 | 69.06 | 73.84 | 1.43  | 0.4784 | 0.5115 | 0.0099 | 225.1           | 34             | 570            | 14             | 471            |
| G <sub>m</sub> 470_570 | 19.12 | 55.48 | 23.97 | 0.194  | 0.5627 | 0.2432 | 210.3           | 22             | 512            | -1             | 512e           |
| C <sub>m</sub> 380_570 | 33.12 | 57.21 | 97.96 | 0.1759 | 0.3038 | 0.5202 | 214.6           | 16             | 484            | 38             | 592            |
| B <sub>m</sub> 380_520 | 16.81 | 16.49 | 96.95 | 0.129  | 0.1266 | 0.7442 | 226.8           | 14             | 471            | 34             | 570            |
| M <sub>m</sub> 570_470 | 66.73 | 34.85 | 74.35 | 0.3792 | 0.198  | 0.4227 | 246.5           | -1             | 512e           | 22             | 512            |
| R <sub>o</sub> 570_445 | 59.49 | 33.47 | 33.69 | 0.4696 | 0.2642 | 0.266  | 241.8           | -1             | 491c           | 18             | 491            |
| G <sub>o</sub> 520_570 | 16.94 | 46.53 | 24.3  | 0.257  | 0.706  | 0.0369 | 214.3           | 27             | 538            | -1             | 538e           |
| W <sub>1</sub> 380_770 | 85.53 | 90.0  | 98.0  | 0.3127 | 0.329  | 0.3582 | 226.4           | -1             | 538e           | 27             | 538            |

**Optimalfarben (o) RYGBCM von maximalem (m) C<sub>AB</sub>; D65, 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> | h <sub>d</sub> | i <sub>c</sub> | h <sub>c</sub> |
|------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|----------------|----------------|----------------|----------------|
| R <sub>m</sub> 570_770 | 33.13 | 21.25  | 14.25  | 25.59           | 1.592  | -0.0052 | 33.8            | 38             | 592            | 16             | 484            |
| Y <sub>m</sub> 520_770 | 73.84 | -1.12  | 31.59  | 31.61           | 0.9352 | -0.0077 | 92.0            | 34             | 570            | 14             | 474            |
| G <sub>m</sub> 470_570 | 55.48 | -33.6  | 14.57  | 36.63           | 0.3447 | -0.1728 | 156.5           | 23             | 515            | -1             | 515e           |
| C <sub>m</sub> 380_570 | 57.21 | -21.25 | -14.26 | 25.59           | 0.5789 | -0.6848 | 213.8           | 16             | 484            | 38             | 592            |
| B <sub>m</sub> 380_520 | 16.49 | 1.13   | -31.59 | 31.61           | 1.0192 | -2.3507 | 272.0           | 14             | 471            | 33             | 568            |
| M <sub>m</sub> 570_470 | 34.85 | 33.6   | -14.57 | 36.62           | 1.9144 | -0.8536 | 336.5           | -1             | 504c           | 20             | 504            |
| R <sub>o</sub> 570_445 | 33.47 | 27.67  | 1.1    | 27.69           | 1.7772 | -0.4026 | 2.2             | -1             | 490c           | 18             | 490            |
| G <sub>o</sub> 520_570 | 46.53 | -27.28 | 19.29  | 33.42           | 0.364  | -0.0209 | 144.7           | 27             | 538            | -1             | 538e           |
| W <sub>1</sub> 380_770 | 90.0  | 0.0    | 0.0    | 0.01            | 0.9504 | -0.4355 | 353.4           | 38             | 591            | 16             | 484            |

**Optimalfarben (o) RYGBCM von maximalem (m) C<sub>AB</sub>; D65, 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> | h <sub>d</sub> | i <sub>c</sub> | h <sub>c</sub> |
|------------------------|-------|-----------|--------|-----------------|--------|---------|-----------------|----------------|----------------|----------------|----------------|
| R <sub>m</sub> 570_770 | 64.27 | 64.9      | 104.07 | 122.65          | 0.2559 | -0.0197 | 58.0            | 39             | 596            | 15             | 476            |
| Y <sub>m</sub> 520_770 | 88.85 | -2.42     | 133.42 | 133.44          | 0.2143 | -0.0225 | 91.0            | 34             | 570            | 14             | 472            |
| G <sub>m</sub> 470_570 | 79.32 | -117.8243 | 56.75  | 125.61          | 0.1536 | -0.0633 | 159.7           | 22             | 514            | -1             | 514e           |
| C <sub>m</sub> 380_570 | 80.3  | -63.21    | -27.03 | 68.75           | 0.1826 | -0.1002 | 203.1           | 16             | 482            | -1             | 482e           |
| B <sub>m</sub> 380_520 | 47.63 | 64.6      | -82.7  | 82.95           | 0.2205 | -0.1511 | 274.4           | 14             | 471            | 33             | 568            |
| M <sub>m</sub> 570_470 | 65.64 | 92.5      | -35.38 | 99.04           | 0.2721 | -0.1078 | 339.0           | -1             | 514e           | 22             | 514            |
| R <sub>o</sub> 570_445 | 64.55 | 80.52     | 3.58   | 80.6            | 0.2654 | -0.0839 | 2.5             | -1             | 490c           | 18             | 490            |
| G <sub>o</sub> 520_570 | 73.89 | -106.0498 | 57     | 144.78          | 0.1564 | -0.0313 | 137.0           | 27             | 535            | 9              | 446            |
| W <sub>1</sub> 380_770 | 96.0  | 0.0       | 0.0    | 0.0             | 0.2154 | -0.0861 | 329.4           | -1             | 524e           | 24             | 524            |

**Optimalfarben (o) RYGBCM von maximalem (m) C<sub>AB</sub>; D65, 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> | h <sub>d</sub> | i <sub>c</sub> | h <sub>c</sub> |
|------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|----------------|----------------|----------------|----------------|
| R <sub>m</sub> 570_770 | 64.27 | 68.68  | 68.83  | 97.24           | 0.1728 | -0.047  | 45.0            | 38             | 592            | 15             | 479            |
| Y <sub>m</sub> 520_770 | 88.85 | -2.12  | 68.78  | 88.78           | 0.129  | -0.0475 | 91.3            | 34             | 570            | 14             | 472            |
| G <sub>m</sub> 470_570 | 79.32 | -76.99 | 37.48  | 85.63           | 0.0896 | -0.0702 | 154.0           | 21             | 508            | 9              | 449            |
| C <sub>m</sub> 380_570 | 80.3  | -47.71 | -24.9  | 53.81           | 0.1052 | -0.1028 | 207.5           | 16             | 483            | 42             | 613            |
| B <sub>m</sub> 380_520 | 47.63 | 58.3   | -78.75 | 78.97           | 0.1346 | -0.1517 | 274.2           | 14             | 471            | 33             | 569            |
| M <sub>m</sub> 570_470 | 65.64 | 104.96 | -32.83 | 109.97          | 0.1942 | -0.11   | 342.6           | 7              | 438            | 20             | 501            |
| R <sub>o</sub> 570_445 | 64.55 | 88.8   | 3.23   | 88.86           | 0.1851 | -0.0878 | 2.0             | -1             | 491c           | 18             | 491            |
| G <sub>o</sub> 520_570 | 73.89 | -70.29 | 71.33  | 100.15          | 0.0909 | -0.0502 | 134.5           | 27             | 536            | 12             | 462            |
| W <sub>1</sub> 380_770 | 96.0  | 0.0    | 0.0    | 0.0             | 0.13   | -0.0899 | 345.9           | 12             | 461            | 27             | 535            |

