

| Optimalfarben (o) RYCBM von maximalem (m) C <sub>AB</sub> : D65, Y <sub>m</sub> =510_770, CIEXYZ |       |       |       |        |        |        |                 |                |                |                |                |
|--------------------------------------------------------------------------------------------------|-------|-------|-------|--------|--------|--------|-----------------|----------------|----------------|----------------|----------------|
| Code                                                                                             | X     | Y     | Z     | x      | y      | z      | h <sub>xy</sub> | i <sub>d</sub> | λ <sub>d</sub> | i <sub>c</sub> | λ <sub>c</sub> |
| R <sub>max</sub> 570_770                                                                         | 52.74 | 33.13 | 0.43  | 0.6111 | 0.3838 | 0.005  | 237.6           | 38             | 592            | 16             | 484            |
| Y <sub>max</sub> 510_770                                                                         | 69.35 | 79.32 | 2.47  | 0.4588 | 0.5247 | 0.0163 | 218.8           | 33             | 568            | 13             | 467            |
| G <sub>max</sub> 470_570                                                                         | 19.12 | 55.48 | 23.97 | 0.194  | 0.5627 | 0.2432 | 210.3           | 22             | 512            | -1             | 512c           |
| 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>max</sub> 380_510                                                                         | 16.52 | 11.02 | 95.91 | 0.1338 | 0.0893 | 0.7768 | 228.5           | 13             | 467            | 33             | 568            |
| M <sub>m</sub> 570_440                                                                           | 66.73 | 34.85 | 74.39 | 0.3792 | 0.198  | 0.4227 | 246.5           | -1             | 512c           | 22             | 512            |
| R <sub>0</sub> 570_440                                                                           | 57.9  | 33.35 | 25.61 | 0.4954 | 0.2853 | 0.2192 | 240.8           | -1             | 489c           | 17             | 489            |
| G <sub>0</sub> 520_570                                                                           | 16.94 | 46.53 | 24.3  | 0.257  | 0.706  | 0.0369 | 214.3           | 27             | 538            | -1             | 538c           |
| W <sub>1</sub> 380_770                                                                           | 85.53 | 90.0  | 98.0  | 0.3127 | 0.329  | 0.3582 | 226.4           | -1             | 538c           | 27             | 538            |

**Optimalfarben (o) RYGBCM von maximalem (m) C<sub>AB</sub>: D65, Y<sub>m</sub>=510\_770, YAB\_77**

| Code                     | 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 | 33.13 | 21.25  | 14.25  | 25.59           | 1.592  | -0.0052 | 33.8            | 38             | 592            | 16             | 484            |
| Y <sub>max</sub> 510_770 | 79.32 | -6.03  | 33.56  | 34.09           | 0.8743 | -0.0124 | 100.1           | 33             | 568            | 14             | 471            |
| G <sub>max</sub> 470_570 | 55.48 | -33.6  | 14.57  | 36.63           | 0.3447 | -0.1728 | 156.5           | 23             | 515            | -1             | 515c           |
| 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>max</sub> 380_510 | 11.02 | 6.04   | -33.56 | 34.1            | 1.498  | -3.4785 | 280.2           | 13             | 466            | 33             | 565            |
| M <sub>m</sub> 570_440   | 34.85 | 33.6   | -14.57 | 36.62           | 1.9144 | -0.8536 | 336.5           | -1             | 504c           | 20             | 504            |
| R <sub>0</sub> 570_440   | 33.35 | 26.19  | 4.28   | 26.54           | 1.7358 | -0.3072 | 9.2             | -1             | 489c           | 17             | 488            |
| G <sub>0</sub> 520_570   | 46.53 | -27.28 | 19.29  | 33.42           | 0.364  | -0.0209 | 144.7           | 27             | 538            | -1             | 538c           |
| 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>=510\_770, CIELAB\_76**

| Code                     | 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 | 64.27 | 64.9      | 104.07 | 122.65          | 0.2559 | -0.0197 | 58.0            | 39             | 596            | 15             | 476            |
| Y <sub>max</sub> 510_770 | 91.38 | -10.88    | 128.41 | 129.04          | 0.2095 | -0.0263 | 95.6            | 33             | 567            | 14             | 471            |
| G <sub>max</sub> 470_570 | 79.32 | -117.8243 | 56     | 125.61          | 0.1536 | -0.0633 | 159.7           | 22             | 514            | -1             | 514c           |
| C <sub>m</sub> 380_570   | 80.3  | -63.21    | -27.03 | 68.75           | 0.1826 | -0.1002 | 203.1           | 16             | 482            | -1             | 482c           |
| B <sub>max</sub> 380_510 | 39.64 | 39.25     | -95.78 | 103.51          | 0.2507 | -0.1722 | 292.2           | 13             | 467            | 31             | 555            |
| M <sub>m</sub> 570_440   | 65.64 | 92.5      | -35.38 | 99.04           | 0.2721 | -0.1078 | 339.0           | -1             | 514c           | 22             | 514            |
| R <sub>0</sub> 570_440   | 64.45 | 77.09     | 15.22  | 78.58           | 0.2633 | -0.0767 | 11.1            | -1             | 485c           | 17             | 485            |
| G <sub>0</sub> 520_570   | 73.89 | -106.0498 | 57     | 144.78          | 0.1564 | -0.0313 | 137.0           | 27             | 535            | 4              | 546            |
| W <sub>1</sub> 380_770   | 96.0  | 0.0       | 0.0    | 0.0             | 0.2154 | -0.0861 | 329.4           | -1             | 523c           | 24             | 524            |

**Optimalfarben (o) RYGBCM von maximalem (m) C<sub>AB</sub>: D65, Y<sub>m</sub>=510\_770, LABHNU1\_79**

| CodeD65                  | 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 | 64.27 | 68.68  | 68.83  | 97.24           | 0.1728 | -0.047  | 45.0            | 38             | 592            | 15             | 479            |
| Y <sub>max</sub> 510_770 | 91.38 | -10.88 | 88.79  | 89.46           | 0.1249 | -0.0485 | 96.9            | 33             | 567            | 14             | 471            |
| G <sub>max</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>max</sub> 380_510 | 39.64 | 40.63  | -91.86 | 100.44          | 0.1665 | -0.1724 | 293.8           | 13             | 467            | 31             | 558            |
| M <sub>m</sub> 570_440   | 65.64 | 104.96 | -32.83 | 109.97          | 0.1942 | -0.11   | 342.6           | 7              | 438            | 20             | 501            |
| R <sub>0</sub> 570_440   | 64.45 | 84.26  | 13.55  | 85.35           | 0.1823 | -0.0814 | 9.1             | -1             | 488c           | 17             | 488            |
| G <sub>0</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            |

