

see similar files: <http://farbe.li.tu-berlin.de/AEV7/AEV7.HTM>  
technical information: <http://farbe.li.tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P60, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |       |        |        |        |        |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|-------|--------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | 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> | Code |  |  |
| 0 405                                                                                                                            | 32 563                          | 31.65 | 53.56 | 93.3   | 0.1773 | 0.3    | 0.5226 | 192.2           | 16 483                          | 38 590                          | Cm   |  |  |
| 6 435                                                                                                                            | 32 563                          | 28.3  | 54.12 | 74.65  | 0.1801 | 0.3445 | 0.4752 | 174.7           | 17 487                          | 44 621                          |      |  |  |
| 10 450                                                                                                                           | 33 565                          | 22.96 | 54.2  | 45.12  | 0.1877 | 0.4432 | 0.3689 | 140.1           | 19 497                          | -1 497c                         |      |  |  |
| 11 460                                                                                                                           | 33 566                          | 22.85 | 55.45 | 37.84  | 0.1967 | 0.4774 | 0.3258 | 130.5           | 20 502                          | -1 502c                         |      |  |  |
| 13 465                                                                                                                           | 33 568                          | 21.78 | 56.12 | 24.97  | 0.2117 | 0.5455 | 0.2427 | 117.2           | 22 513                          | -1 513c                         |      |  |  |
| 14 470                                                                                                                           | 34 570                          | 22.2  | 57.09 | 19.98  | 0.2236 | 0.575  | 0.2012 | 111.9           | 24 521                          | -1 521c                         | Gm   |  |  |
| 15 475                                                                                                                           | 34 574                          | 24.59 | 59.7  | 16.0   | 0.2451 | 0.5952 | 0.1595 | 106.1           | 25 529                          | -1 529c                         |      |  |  |
| 15 480                                                                                                                           | 36 580                          | 28.98 | 63.87 | 16.01  | 0.2662 | 0.5866 | 0.147  | 102.2           | 27 535                          | -1 535c                         |      |  |  |
| 17 485                                                                                                                           | 39 595                          | 39.81 | 70.8  | 10.63  | 0.3283 | 0.5839 | 0.0877 | 88.4            | 29 549                          | -1 549c                         |      |  |  |
| 18 490                                                                                                                           | -1 490c                         | 72.35 | 85.0  | 8.89   | 0.4352 | 0.5113 | 0.0534 | 57.7            | 33 566                          | 11 459                          | max  |  |  |
| 19 495                                                                                                                           | -1 495c                         | 72.31 | 83.76 | 7.55   | 0.4419 | 0.5119 | 0.0461 | 56.3            | 33 567                          | 12 461                          |      |  |  |
| 20 500                                                                                                                           | -1 500c                         | 72.29 | 82.2  | 6.51   | 0.449  | 0.5105 | 0.0404 | 54.5            | 33 568                          | 12 464                          |      |  |  |
| 22 510                                                                                                                           | -1 510c                         | 72.19 | 77.89 | 5.14   | 0.465  | 0.5017 | 0.0331 | 49.9            | 34 570                          | 13 469                          |      |  |  |
| 24 520                                                                                                                           | -1 520c                         | 71.62 | 71.91 | 4.45   | 0.4839 | 0.4859 | 0.0301 | 43.5            | 34 572                          | 14 473                          | Ym   |  |  |
| 25 530                                                                                                                           | -1 529c                         | 71.04 | 68.43 | 4.25   | 0.4943 | 0.4761 | 0.0295 | 39.9            | 34 574                          | 15 475                          |      |  |  |
| 27 540                                                                                                                           | -1 539c                         | 69.15 | 60.8  | 3.99   | 0.5162 | 0.4539 | 0.0298 | 32.1            | 35 578                          | 15 478                          |      |  |  |
| 29 545                                                                                                                           | -1 545c                         | 66.16 | 52.69 | 3.87   | 0.539  | 0.4293 | 0.0315 | 24.2            | 36 582                          | 16 480                          |      |  |  |
| 29 550                                                                                                                           | -1 549c                         | 66.16 | 52.69 | 3.87   | 0.539  | 0.4293 | 0.0315 | 24.2            | 36 582                          | 16 480                          |      |  |  |
| 30 555                                                                                                                           | -1 554c                         | 64.21 | 48.59 | 3.84   | 0.5504 | 0.4165 | 0.0329 | 20.3            | 36 584                          | 16 481                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 59.36 | 40.5  | 3.81   | 0.5725 | 0.3906 | 0.0367 | 13.2            | 37 589                          | 16 483                          |      |  |  |
| 32 563                                                                                                                           | 0 405                           | 65.41 | 46.43 | 11.27  | 0.5312 | 0.3771 | 0.0915 | 12.2            | 38 590                          | 16 483                          | Rm   |  |  |
| 32 563                                                                                                                           | 6 435                           | 68.76 | 45.87 | 29.92  | 0.4756 | 0.3173 | 0.2069 | 354.7           | 44 621                          | 17 487                          |      |  |  |
| 33 565                                                                                                                           | 10 450                          | 74.1  | 45.79 | 59.44  | 0.4131 | 0.2553 | 0.3314 | 320.2           | -1 497c                         | 19 497                          |      |  |  |
| 33 566                                                                                                                           | 11 460                          | 74.21 | 44.54 | 66.72  | 0.4001 | 0.2401 | 0.3597 | 310.6           | -1 502c                         | 20 502                          |      |  |  |
| 33 568                                                                                                                           | 13 465                          | 75.28 | 43.87 | 79.59  | 0.3787 | 0.2207 | 0.4004 | 297.2           | -1 513c                         | 22 513                          |      |  |  |
| 34 570                                                                                                                           | 14 470                          | 74.86 | 42.9  | 84.59  | 0.3699 | 0.212  | 0.418  | 291.9           | -1 521c                         | 24 521                          | Mm   |  |  |
| 34 574                                                                                                                           | 15 475                          | 72.47 | 40.29 | 88.56  | 0.3599 | 0.2001 | 0.4398 | 286.2           | -1 529c                         | 25 529                          |      |  |  |
| 36 580                                                                                                                           | 15 480                          | 68.08 | 36.12 | 88.55  | 0.3531 | 0.1874 | 0.4594 | 282.3           | -1 535c                         | 27 535                          |      |  |  |
| 39 595                                                                                                                           | 17 485                          | 57.25 | 29.19 | 93.93  | 0.3173 | 0.1618 | 0.5207 | 268.5           | -1 549c                         | 29 549                          |      |  |  |
| -1 490c                                                                                                                          | 18 490                          | 24.71 | 14.99 | 95.68  | 0.1825 | 0.1107 | 0.7067 | 237.7           | 11 459                          | 33 566                          | min  |  |  |
| -1 495c                                                                                                                          | 19 495                          | 24.75 | 16.23 | 97.02  | 0.1793 | 0.1176 | 0.7029 | 236.3           | 12 461                          | 33 567                          |      |  |  |
| -1 500c                                                                                                                          | 20 500                          | 24.77 | 17.79 | 98.05  | 0.1761 | 0.1265 | 0.6972 | 234.6           | 12 464                          | 33 568                          |      |  |  |
| -1 510c                                                                                                                          | 22 510                          | 24.87 | 22.1  | 99.42  | 0.1699 | 0.1509 | 0.679  | 229.9           | 13 469                          | 34 570                          |      |  |  |
| -1 520c                                                                                                                          | 24 520                          | 25.44 | 28.08 | 100.11 | 0.1655 | 0.1827 | 0.6516 | 223.6           | 14 473                          | 34 572                          | Bm   |  |  |
| -1 529c                                                                                                                          | 25 530                          | 26.02 | 31.56 | 100.32 | 0.1647 | 0.1999 | 0.6353 | 219.9           | 15 475                          | 34 574                          |      |  |  |
| -1 539c                                                                                                                          | 27 540                          | 27.91 | 39.19 | 100.57 | 0.1664 | 0.2337 | 0.5997 | 212.2           | 15 478                          | 35 578                          |      |  |  |
| -1 545c                                                                                                                          | 29 545                          | 30.9  | 47.3  | 100.69 | 0.1727 | 0.2644 | 0.5628 | 204.2           | 16 480                          | 36 582                          |      |  |  |
| -1 549c                                                                                                                          | 29 550                          | 30.9  | 47.3  | 100.69 | 0.1727 | 0.2644 | 0.5628 | 204.2           | 16 480                          | 36 582                          |      |  |  |
| -1 554c                                                                                                                          | 30 555                          | 32.85 | 51.4  | 100.72 | 0.1776 | 0.2778 | 0.5445 | 200.4           | 16 481                          | 36 584                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 37.7  | 59.49 | 100.75 | 0.1904 | 0.3005 | 0.5089 | 193.2           | 16 483                          | 37 589                          |      |  |  |
| W0 380                                                                                                                           | 770                             | 87.36 | 89.99 | 94.11  | 0.3218 | 0.3315 | 0.3466 | 0.0             |                                 |                                 |      |  |  |
| N0 380                                                                                                                           | 770                             | 3.49  | 3.59  | 3.76   | 0.3218 | 0.3315 | 0.3466 | 0.0             |                                 |                                 |      |  |  |

AEV70-7N

TUB-test chart AEV7; Hue circle of the *Ostwald* optimal colours with Y values, Y<sub>N</sub>=0,0, Y<sub>W</sub>=90  
Data: XYZ and YABC<sub>AB</sub>h<sub>AB</sub> as table with different wavelength, P60-02

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P60, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |        |        |                 |        |         |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |
| 0 405                                                                                                                            | 32 563                          | 53.56 | -50.83 | -37.27 | 63.03           | 0.5907 | -0.6965 | 216.2           | 16 483                          | 38 590                          | Cm   |  |  |
| 6 435                                                                                                                            | 32 563                          | 54.12 | -60.57 | -18.04 | 63.2            | 0.5227 | -0.5515 | 196.5           | 17 487                          | 44 621                          |      |  |  |
| 10 450                                                                                                                           | 33 565                          | 54.2  | -74.1  | 11.55  | 74.99           | 0.4236 | -0.3329 | 171.1           | 19 497                          | -1 497c                         |      |  |  |
| 11 460                                                                                                                           | 33 566                          | 55.45 | -77.42 | 20.13  | 79.99           | 0.4119 | -0.2729 | 165.4           | 20 502                          | -1 502c                         |      |  |  |
| 13 465                                                                                                                           | 33 568                          | 56.12 | -81.71 | 33.7   | 88.38           | 0.388  | -0.1779 | 157.5           | 22 513                          | -1 513c                         |      |  |  |
| 14 470                                                                                                                           | 34 570                          | 57.09 | -83.01 | 39.7   | 92.02           | 0.3888 | -0.1399 | 154.4           | 24 521                          | -1 521c                         | Gm   |  |  |
| 15 475                                                                                                                           | 34 574                          | 59.7  | -83.37 | 46.41  | 95.41           | 0.4118 | -0.1072 | 150.8           | 25 529                          | -1 529c                         |      |  |  |
| 15 480                                                                                                                           | 36 580                          | 63.87 | -82.5  | 50.76  | 96.86           | 0.4537 | -0.1002 | 148.3           | 27 535                          | -1 535c                         |      |  |  |
| 17 485                                                                                                                           | 39 595                          | 70.8  | -72.25 | 63.39  | 96.12           | 0.5622 | -0.06   | 138.7           | 29 549                          | -1 549c                         |      |  |  |
| 18 490                                                                                                                           | -1 490c                         | 85.0  | -25.38 | 79.98  | 83.91           | 0.8509 | -0.0418 | 107.6           | 33 566                          | 11 459                          | max  |  |  |
| 19 495                                                                                                                           | -1 495c                         | 83.76 | -22.46 | 80.01  | 83.11           | 0.8631 | -0.036  | 105.6           | 33 567                          | 12 461                          |      |  |  |
| 20 500                                                                                                                           | -1 500c                         | 82.2  | -18.71 | 79.42  | 81.59           | 0.8793 | -0.0316 | 103.2           | 33 568                          | 12 464                          |      |  |  |
| 22 510                                                                                                                           | -1 510c                         | 77.89 | -8.53  | 76.28  | 76.76           | 0.9265 | -0.0264 | 96.3            | 34 570                          | 13 469                          |      |  |  |
| 24 520                                                                                                                           | -1 520c                         | 71.91 | 4.55   | 70.72  | 70.87           | 0.9957 | -0.0247 | 86.3            | 34 572                          | 14 473                          | Ym   |  |  |
| 25 530                                                                                                                           | -1 529c                         | 68.43 | 11.56  | 67.29  | 68.27           | 1.038  | -0.0248 | 80.2            | 34 574                          | 15 475                          |      |  |  |
| 27 540                                                                                                                           | -1 539c                         | 60.8  | 25.33  | 59.57  | 64.73           | 1.137  | -0.0262 | 66.9            | 35 578                          | 15 478                          |      |  |  |
| 29 545                                                                                                                           | -1 545c                         | 52.69 | 37.52  | 51.21  | 63.48           | 1.2552 | -0.0294 | 53.7            | 36 582                          | 16 480                          |      |  |  |
| 29 550                                                                                                                           | -1 549c                         | 52.69 | 37.52  | 51.21  | 63.48           | 1.2552 | -0.0294 | 53.7            | 36 582                          | 16 480                          |      |  |  |
| 30 555                                                                                                                           | -1 554c                         | 48.59 | 42.61  | 46.95  | 63.4            | 1.3211 | -0.0316 | 47.7            | 36 584                          | 16 481                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 40.5  | 50.12  | 38.52  | 63.21           | 1.4654 | -0.0376 | 37.5            | 37 589                          | 16 483                          |      |  |  |
| 32 563                                                                                                                           | 0 405                           | 46.43 | 50.84  | 37.27  | 63.04           | 1.4083 | -0.097  | 36.2            | 38 590                          | 16 483                          | Rm   |  |  |
| 32 563                                                                                                                           | 6 435                           | 45.87 | 60.57  | 18.04  | 63.2            | 1.4985 | -0.2608 | 16.5            | 44 621                          | 17 487                          |      |  |  |
| 33 565                                                                                                                           | 10 450                          | 45.79 | 74.08  | -11.55 | 74.98           | 1.6175 | -0.519  | 351.1           | -1 497c                         | 19 497                          |      |  |  |
| 33 566                                                                                                                           | 11 460                          | 44.54 | 77.4   | -20.13 | 79.98           | 1.6655 | -0.5989 | 345.4           | -1 502c                         | 20 502                          |      |  |  |
| 33 568                                                                                                                           | 13 465                          | 43.87 | 81.68  | -33.69 | 88.36           | 1.7151 | -0.7253 | 337.5           | -1 513c                         | 22 513                          |      |  |  |
| 34 570                                                                                                                           | 14 470                          | 42.9  | 82.98  | -39.69 | 91.99           | 1.7441 | -0.7882 | 334.4           | -1 521c                         | 24 521                          | Mm   |  |  |
| 34 574                                                                                                                           | 15 475                          | 40.29 | 83.34  | -46.39 | 95.38           | 1.7977 | -0.8786 | 330.8           | -1 529c                         | 25 529                          |      |  |  |
| 36 580                                                                                                                           | 15 480                          | 36.12 | 82.47  | -50.74 | 96.83           | 1.8835 | -0.9799 | 328.3           | -1 535c                         | 27 535                          |      |  |  |
| 39 595                                                                                                                           | 17 485                          | 29.19 | 72.22  | -63.36 | 96.08           | 1.9601 | -1.2864 | 318.7           | -1 549c                         | 29 549                          |      |  |  |
| -1 490c                                                                                                                          | 18 490                          | 14.99 | 25.36  | -79.92 | 83.85           | 1.6471 | -2.5507 | 287.6           | 11 459                          | 33 566                          | min  |  |  |
| -1 495c                                                                                                                          | 19 495                          | 16.23 | 22.44  | -79.96 | 83.05           | 1.5234 | -2.3881 | 285.6           | 12 461                          | 33 567                          |      |  |  |
| -1 500c                                                                                                                          | 20 500                          | 17.79 | 18.7   | -79.37 | 81.54           | 1.3907 | -2.2019 | 283.2           | 12 464                          | 33 568                          |      |  |  |
| -1 510c                                                                                                                          | 22 510                          | 22.1  | 8.53   | -76.24 | 76.72           | 1.1247 | -1.7979 | 276.3           | 13 469                          | 34 570                          |      |  |  |
| -1 520c                                                                                                                          | 24 520                          | 28.08 | -4.55  | -70.7  | 70.84           | 0.9055 | -1.4253 | 266.3           | 14 473                          | 34 572                          | Bm   |  |  |
| -1 529c                                                                                                                          | 25 530                          | 31.56 | -11.56 | -67.27 | 68.25           | 0.8238 | -1.2706 | 260.2           | 15 475                          | 34 574                          |      |  |  |
| -1 539c                                                                                                                          | 27 540                          | 39.19 | -25.32 | -59.55 | 64.72           | 0.7119 | -1.0259 | 246.9           | 15 478                          | 35 578                          |      |  |  |
| -1 545c                                                                                                                          | 29 545                          | 47.3  | -37.51 | -51.2  | 63.47           | 0.6531 | -0.8511 | 233.7           | 16 480                          | 36 582                          |      |  |  |
| -1 549c                                                                                                                          | 29 550                          | 47.3  | -37.51 | -51.2  | 63.47           | 0.6531 | -0.8511 | 233.7           | 16 480                          | 36 582                          |      |  |  |
| -1 554c                                                                                                                          | 30 555                          | 51.4  | -42.6  | -46.94 | 63.4            | 0.6388 | -0.7834 | 227.7           | 16 481                          | 36 584                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 59.49 | -50.11 | -38.52 | 63.21           | 0.6334 | -0.6771 | 217.5           | 16 483                          | 37 589                          |      |  |  |
| W0 380                                                                                                                           | 770                             | 89.99 | 0.0    | 0.0    | 0.0             | 0.9704 | -0.4181 | 0.0             | B <sub>c</sub> =1,000           |                                 |      |  |  |
| N0 380                                                                                                                           | 770                             | 3.59  | 0.0    | 0.0    | 0.0             | 0.9704 | -0.4181 | 0.0             | x <sub>c</sub> =0,000           |                                 |      |  |  |

AEV71-7N

TUB registration: 20201101-AEV7/AEV7L0NA.TXT /.PS  
application for evaluation and measurement of display or print output

TUB material: code=rha4ta

see similar files: <http://farbe.li.tu-berlin.de/AEV7/AEV7.HTM>  
technical information: <http://farbe.li.tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P55, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |       |       |        |        |        |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|-------|-------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | 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> | Code |  |  |
| 1 405                                                                                                                            | 32 564                          | 30.81 | 53.53 | 85.12 | 0.1818 | 0.3158 | 0.5022 | 189.4           | 16 484                          | 38 591                          | Cm   |  |  |
| 6 435                                                                                                                            | 32 564                          | 27.95 | 54.05 | 69.07 | 0.185  | 0.3577 | 0.4571 | 173.4           | 17 488                          | 44 620                          |      |  |  |
| 9 450                                                                                                                            | 33 565                          | 24.4  | 54.21 | 49.07 | 0.1911 | 0.4246 | 0.3842 | 149.2           | 18 494                          | -1 494c                         |      |  |  |
| 11 460                                                                                                                           | 33 567                          | 23.01 | 55.19 | 35.5  | 0.2023 | 0.4853 | 0.3122 | 131.8           | 20 502                          | -1 502c                         |      |  |  |
| 13 465                                                                                                                           | 33 568                          | 22.01 | 55.8  | 23.55 | 0.2171 | 0.5504 | 0.2323 | 118.7           | 22 513                          | -1 513c                         |      |  |  |
| 14 470                                                                                                                           | 34 570                          | 22.36 | 56.61 | 18.88 | 0.2285 | 0.5785 | 0.1929 | 113.5           | 24 520                          | -1 520c                         | Gm   |  |  |
| 15 475                                                                                                                           | 34 574                          | 24.54 | 58.99 | 15.14 | 0.2486 | 0.5978 | 0.1535 | 107.9           | 25 529                          | -1 529c                         |      |  |  |
| 16 480                                                                                                                           | 36 580                          | 28.05 | 62.08 | 12.25 | 0.2739 | 0.6063 | 0.1197 | 102.3           | 27 536                          | -1 536c                         |      |  |  |
| 17 485                                                                                                                           | 38 592                          | 37.92 | 68.99 | 10.07 | 0.3241 | 0.5897 | 0.086  | 91.8            | 29 547                          | -1 547c                         |      |  |  |
| 17 490                                                                                                                           | -1 489c                         | 74.12 | 86.27 | 10.08 | 0.4348 | 0.506  | 0.0591 | 58.1            | 33 566                          | 11 456                          | max  |  |  |
| 19 495                                                                                                                           | -1 495c                         | 73.99 | 84.12 | 7.12  | 0.4477 | 0.5091 | 0.0431 | 55.4            | 33 567                          | 12 462                          |      |  |  |
| 19 500                                                                                                                           | -1 499c                         | 73.99 | 84.12 | 7.12  | 0.4477 | 0.5091 | 0.0431 | 55.4            | 33 567                          | 12 462                          |      |  |  |
| 21 510                                                                                                                           | -1 509c                         | 73.95 | 80.75 | 5.37  | 0.4619 | 0.5044 | 0.0335 | 51.5            | 33 569                          | 13 467                          |      |  |  |
| 24 520                                                                                                                           | -1 520c                         | 73.32 | 72.63 | 4.14  | 0.4884 | 0.4839 | 0.0275 | 42.4            | 34 573                          | 14 474                          | Ym   |  |  |
| 26 530                                                                                                                           | -1 530c                         | 71.94 | 65.55 | 3.78  | 0.5092 | 0.4639 | 0.0268 | 34.8            | 35 576                          | 15 477                          |      |  |  |
| 27 540                                                                                                                           | -1 539c                         | 70.88 | 61.69 | 3.68  | 0.5201 | 0.4527 | 0.027  | 30.7            | 35 578                          | 15 479                          |      |  |  |
| 28 545                                                                                                                           | -1 544c                         | 69.54 | 57.71 | 3.61  | 0.5313 | 0.4409 | 0.0276 | 26.6            | 36 580                          | 16 480                          |      |  |  |
| 30 550                                                                                                                           | -1 550c                         | 65.97 | 49.55 | 3.54  | 0.554  | 0.4161 | 0.0297 | 18.7            | 37 585                          | 16 482                          |      |  |  |
| 30 555                                                                                                                           | -1 554c                         | 65.97 | 49.55 | 3.54  | 0.554  | 0.4161 | 0.0297 | 18.7            | 37 585                          | 16 482                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 61.1  | 41.43 | 3.5   | 0.5761 | 0.3907 | 0.033  | 11.5            | 38 590                          | 16 484                          |      |  |  |
| 32 564                                                                                                                           | 1 405                           | 66.64 | 46.46 | 10.85 | 0.5375 | 0.3748 | 0.0875 | 9.3             | 38 591                          | 16 484                          | Rm   |  |  |
| 32 564                                                                                                                           | 6 435                           | 69.49 | 45.94 | 26.9  | 0.4882 | 0.3227 | 0.189  | 353.4           | 44 620                          | 17 488                          |      |  |  |
| 33 565                                                                                                                           | 9 450                           | 73.05 | 45.78 | 46.91 | 0.4407 | 0.2762 | 0.283  | 329.2           | -1 494c                         | 18 494                          |      |  |  |
| 33 567                                                                                                                           | 11 460                          | 74.44 | 44.8  | 60.48 | 0.4142 | 0.2492 | 0.3365 | 311.9           | -1 502c                         | 20 502                          |      |  |  |
| 33 568                                                                                                                           | 13 465                          | 75.44 | 44.19 | 72.42 | 0.3928 | 0.2301 | 0.377  | 298.7           | -1 513c                         | 22 513                          |      |  |  |
| 34 570                                                                                                                           | 14 470                          | 75.09 | 43.38 | 77.09 | 0.3839 | 0.2218 | 0.3942 | 293.5           | -1 520c                         | 24 520                          | Mm   |  |  |
| 34 574                                                                                                                           | 15 475                          | 72.91 | 41.0  | 80.83 | 0.3743 | 0.2105 | 0.415  | 288.0           | -1 529c                         | 25 529                          |      |  |  |
| 36 580                                                                                                                           | 16 480                          | 69.4  | 37.91 | 83.72 | 0.3632 | 0.1984 | 0.4382 | 282.3           | -1 536c                         | 27 536                          |      |  |  |
| 38 592                                                                                                                           | 17 485                          | 59.53 | 31.0  | 85.91 | 0.3373 | 0.1757 | 0.4869 | 271.8           | -1 547c                         | 29 547                          |      |  |  |
| -1 489c                                                                                                                          | 17 490                          | 23.33 | 13.72 | 85.9  | 0.1897 | 0.1116 | 0.6986 | 238.1           | 11 456                          | 33 566                          | min  |  |  |
| -1 495c                                                                                                                          | 19 495                          | 23.46 | 15.87 | 88.85 | 0.183  | 0.1238 | 0.6931 | 235.5           | 12 462                          | 33 567                          |      |  |  |
| -1 499c                                                                                                                          | 19 500                          | 23.46 | 15.87 | 88.85 | 0.183  | 0.1238 | 0.6931 | 235.5           | 12 462                          | 33 567                          |      |  |  |
| -1 509c                                                                                                                          | 21 510                          | 23.5  | 19.24 | 90.61 | 0.1762 | 0.1443 | 0.6794 | 231.5           | 13 467                          | 33 569                          |      |  |  |
| -1 520c                                                                                                                          | 24 520                          | 24.13 | 27.36 | 91.84 | 0.1683 | 0.1908 | 0.6407 | 222.4           | 14 474                          | 34 573                          | Bm   |  |  |
| -1 530c                                                                                                                          | 26 530                          | 25.5  | 34.44 | 92.19 | 0.1676 | 0.2264 | 0.6059 | 214.8           | 15 477                          | 35 576                          |      |  |  |
| -1 539c                                                                                                                          | 27 540                          | 26.57 | 38.3  | 92.29 | 0.169  | 0.2436 | 0.5872 | 210.7           | 15 479                          | 35 578                          |      |  |  |
| -1 544c                                                                                                                          | 28 545                          | 27.91 | 42.28 | 92.36 | 0.1716 | 0.2601 | 0.5681 | 206.7           | 16 480                          | 36 580                          |      |  |  |
| -1 550c                                                                                                                          | 30 550                          | 31.48 | 50.44 | 92.44 | 0.1805 | 0.2892 | 0.5301 | 198.7           | 16 482                          | 37 585                          |      |  |  |
| -1 554c                                                                                                                          | 30 555                          | 31.48 | 50.44 | 92.44 | 0.1805 | 0.2892 | 0.5301 | 198.7           | 16 482                          | 37 585                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 36.34 | 58.56 | 92.47 | 0.1939 | 0.3125 | 0.4935 | 191.5           | 16 484                          | 38 590                          |      |  |  |
| W0                                                                                                                               | 380                             | 770   | 87.71 | 90.0  | 86.38  | 0.3321 | 0.3407 | 0.327           | 0.0                             |                                 |      |  |  |
| N0                                                                                                                               | 380                             | 770   | 3.5   | 3.6   | 3.45   | 0.3321 | 0.3407 | 0.327           | 0.0                             |                                 |      |  |  |

AEV70-7N

TUB-test chart AEV7; Hue circle of the *Ostwald* optimal colours with Y values, Y<sub>N</sub>=0,0, Y<sub>W</sub>=90  
Data: XYZ and YABC<sub>AB</sub>h<sub>AB</sub> as table with different wavelength, P55-02

1-000100-F0

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P55, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |        |        |                 |        |         |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |
| 1 405                                                                                                                            | 32 564                          | 53.53 | -53.38 | -33.72 | 63.14           | 0.5754 | -0.6358 | 212.2           | 16 484                          | 38 591                          | Cm   |  |  |
| 6 435                                                                                                                            | 32 564                          | 54.05 | -61.78 | -17.18 | 64.13           | 0.517  | -0.511  | 195.5           | 17 488                          | 44 620                          |      |  |  |
| 9 450                                                                                                                            | 33 565                          | 54.21 | -71.06 | 2.96   | 71.13           | 0.4499 | -0.3619 | 177.6           | 18 494                          | -1 494c                         |      |  |  |
| 11 460                                                                                                                           | 33 567                          | 55.19 | -76.92 | 17.46  | 78.87           | 0.4168 | -0.2572 | 167.2           | 20 502                          | -1 502c                         |      |  |  |
| 13 465                                                                                                                           | 33 568                          | 55.8  | -80.9  | 29.99  | 86.28           | 0.3943 | -0.1688 | 159.6           | 22 513                          | -1 513c                         |      |  |  |
| 14 470                                                                                                                           | 34 570                          | 56.61 | -82.0  | 35.44  | 89.33           | 0.3949 | -0.1334 | 156.6           | 24 520                          | -1 520c                         | Gm   |  |  |
| 15 475                                                                                                                           | 34 574                          | 58.99 | -82.35 | 41.46  | 92.2            | 0.4159 | -0.1026 | 153.2           | 25 529                          | -1 529c                         |      |  |  |
| 16 480                                                                                                                           | 36 580                          | 62.08 | -81.09 | 47.31  | 93.88           | 0.4517 | -0.0789 | 149.7           | 27 536                          | -1 536c                         |      |  |  |
| 17 485                                                                                                                           | 38 592                          | 68.99 | -73.25 | 56.13  | 92.28           | 0.5496 | -0.0583 | 142.5           | 29 547                          | -1 547c                         |      |  |  |
| 17 490                                                                                                                           | -1 489c                         | 86.27 | -24.86 | 72.7   | 76.83           | 0.859  | -0.0467 | 108.8           | 33 566                          | 11 456                          | max  |  |  |
| 19 495                                                                                                                           | -1 495c                         | 84.12 | -19.97 | 73.59  | 76.26           | 0.8793 | -0.0338 | 105.1           | 33 567                          | 12 462                          |      |  |  |
| 19 500                                                                                                                           | -1 499c                         | 84.12 | -19.97 | 73.59  | 76.26           | 0.8793 | -0.0338 | 105.1           | 33 567                          | 12 462                          |      |  |  |
| 21 510                                                                                                                           | -1 509c                         | 80.75 | -11.84 | 72.11  | 73.08           | 0.9155 | -0.0265 | 99.3            | 33 569                          | 13 467                          |      |  |  |
| 24 520                                                                                                                           | -1 520c                         | 72.63 | 6.34   | 65.55  | 65.86           | 1.0092 | -0.0228 | 84.4            | 34 573                          | 14 474                          | Ym   |  |  |
| 26 530                                                                                                                           | -1 530c                         | 65.55 | 20.16  | 59.11  | 62.45           | 1.0973 | -0.0231 | 71.1            | 35 576                          | 15 477                          |      |  |  |
| 27 540                                                                                                                           | -1 539c                         | 61.69 | 26.89  | 55.51  | 61.69           | 1.1486 | -0.0238 | 64.1            | 35 578                          | 15 479                          |      |  |  |
| 28 545                                                                                                                           | -1 544c                         | 57.71 | 33.25  | 51.76  | 61.52           | 1.2047 | -0.025  | 57.2            | 36 580                          | 16 480                          |      |  |  |
| 30 550                                                                                                                           | -1 550c                         | 49.55 | 44.19  | 44.01  | 62.37           | 1.3309 | -0.0285 | 44.8            | 37 585                          | 16 482                          |      |  |  |
| 30 555                                                                                                                           | -1 554c                         | 49.55 | 44.19  | 44.01  | 62.37           | 1.3309 | -0.0285 | 44.8            | 37 585                          | 16 482                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 41.43 | 51.79  | 36.25  | 63.22           | 1.4742 | -0.0338 | 34.9            | 38 590                          | 16 484                          |      |  |  |
| 32 564                                                                                                                           | 1 405                           | 46.46 | 53.39  | 33.72  | 63.15           | 1.4339 | -0.0934 | 32.2            | 38 591                          | 16 484                          | Rm   |  |  |
| 32 564                                                                                                                           | 6 435                           | 45.94 | 61.78  | 17.18  | 64.13           | 1.5122 | -0.2341 | 15.5            | 44 620                          | 17 488                          |      |  |  |
| 33 565                                                                                                                           | 9 450                           | 45.78 | 71.06  | -2.96  | 71.12           | 1.5951 | -0.4097 | 357.6           | -1 494c                         | 18 494                          |      |  |  |
| 33 567                                                                                                                           | 11 460                          | 44.8  | 76.9   | -17.46 | 78.86           | 1.6609 | -0.5397 | 347.2           | -1 502c                         | 20 502                          |      |  |  |
| 33 568                                                                                                                           | 13 465                          | 44.19 | 80.88  | -29.98 | 86.26           | 1.7063 | -0.6552 | 339.6           | -1 513c                         | 22 513                          |      |  |  |
| 34 570                                                                                                                           | 14 470                          | 43.38 | 81.98  | -35.43 | 89.31           | 1.7302 | -0.7105 | 336.6           | -1 520c                         | 24 520                          | Mm   |  |  |
| 34 574                                                                                                                           | 15 475                          | 41.0  | 82.33  | -41.45 | 92.17           | 1.7775 | -0.7882 | 333.2           | -1 529c                         | 25 529                          |      |  |  |
| 36 580                                                                                                                           | 16 480                          | 37.91 | 81.06  | -47.29 | 93.85           | 1.8294 | -0.8827 | 329.7           | -1 536c                         | 27 536                          |      |  |  |
| 38 592                                                                                                                           | 17 485                          | 31.0  | 73.22  | -56.11 | 92.25           | 1.9189 | -1.1077 | 322.5           | -1 547c                         | 29 547                          |      |  |  |
| -1 489c                                                                                                                          | 17 490                          | 13.72 | 24.84  | -72.65 | 76.78           | 1.6982 | -2.5011 | 288.8           | 11 456                          | 33 566                          | min  |  |  |
| -1 495c                                                                                                                          | 19 495                          | 15.87 | 19.95  | -73.55 | 76.21           | 1.4773 | -2.2375 | 285.1           | 12 462                          | 33 567                          |      |  |  |
| -1 499c                                                                                                                          | 19 500                          | 15.87 | 19.95  | -73.55 | 76.21           | 1.4773 | -2.2375 | 285.1           | 12 462                          | 33 567                          |      |  |  |
| -1 509c                                                                                                                          | 21 510                          | 19.24 | 11.84  | -72.08 | 73.04           | 1.2204 | -1.8818 | 279.3           | 13 467                          | 33 569                          |      |  |  |
| -1 520c                                                                                                                          | 24 520                          | 27.36 | -6.34  | -65.53 | 65.84           | 0.8815 | -1.3419 | 264.4           | 14 474                          | 34 573                          | Bm   |  |  |
| -1 530c                                                                                                                          | 26 530                          | 34.44 | -20.16 | -59.1  | 62.44           | 0.7401 | -1.0701 | 251.1           | 15 477                          | 35 576                          |      |  |  |
| -1 539c                                                                                                                          | 27 540                          | 38.3  | -26.88 | -55.5  | 61.67           | 0.6934 | -0.9635 | 244.1           | 15 479                          | 35 578                          |      |  |  |
| -1 544c                                                                                                                          | 28 545                          | 42.28 | -33.24 | -51.75 | 61.51           | 0.6598 | -0.8734 | 237.2           | 16 480                          | 36 580                          |      |  |  |
| -1 550c                                                                                                                          | 30 550                          | 50.44 | -44.18 | -44.0  | 62.36           | 0.6239 | -0.7327 | 224.8           | 16 482                          | 37 585                          |      |  |  |
| -1 554c                                                                                                                          | 30 555                          | 50.44 | -44.18 | -44.0  | 62.36           | 0.6239 | -0.7327 | 224.8           | 16 482                          | 37 585                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 58.56 | -51.79 | -36.25 | 63.22           | 0.6205 | -0.6314 | 214.9           | 16 484                          | 38 590                          |      |  |  |
| W0                                                                                                                               | 380                             | 770   | 90.0   | 0.0    | 0.0             | 0.9742 | -0.3838 | 0.0             | B <sub>c</sub> =1,000           |                                 |      |  |  |
| N0                                                                                                                               | 380                             | 770   | 3.6    | 0.0    | 0.0             | 0.9742 | -0.3838 | 0.0             | x <sub>c</sub> =0,000           |                                 |      |  |  |

AEV71-7N

TUB registration: 20201101-AEV7/AEV7L0NA.TXT /.PS  
application for evaluation and measurement of display or print output  
TUB material: code=rha4ta

see similar files: <http://farbe.li.tu-berlin.de/AEV7/AEV7.HTM>  
technical information: <http://farbe.li.tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P50, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |     |       |       |       |        |        |                 |                                 |                                 |         |         |     |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----|-------|-------|-------|--------|--------|-----------------|---------------------------------|---------------------------------|---------|---------|-----|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | 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> | Code    |         |     |
| 0                                                                                                                                | 405                             | 33  | 565   | 29.73 | 52.86 | 77.25  | 0.186  | 0.3307          | 0.4832                          | 187.4                           | 17 485  | 38 592  | Cm  |
| 7                                                                                                                                | 435                             | 33  | 565   | 26.08 | 53.24 | 57.21  | 0.191  | 0.3899          | 0.419                           | 165.8                           | 18 490  | -1 490c |     |
| 9                                                                                                                                | 450                             | 33  | 566   | 24.49 | 54.01 | 45.07  | 0.1982 | 0.437           | 0.3647                          | 149.6                           | 19 495  | -1 495c |     |
| 11                                                                                                                               | 460                             | 33  | 568   | 23.24 | 54.89 | 32.83  | 0.2094 | 0.4946          | 0.2958                          | 133.3                           | 20 502  | -1 502c |     |
| 12                                                                                                                               | 465                             | 33  | 569   | 23.13 | 55.73 | 27.07  | 0.2183 | 0.526           | 0.2555                          | 125.8                           | 21 507  | -1 507c |     |
| 14                                                                                                                               | 470                             | 34  | 571   | 22.6  | 56.07 | 17.62  | 0.2347 | 0.5822          | 0.183                           | 115.4                           | 24 520  | -1 520c | Gm  |
| 15                                                                                                                               | 475                             | 34  | 574   | 24.55 | 58.2  | 14.16  | 0.2533 | 0.6004          | 0.1461                          | 110.1                           | 25 528  | -1 528c |     |
| 16                                                                                                                               | 480                             | 35  | 579   | 28.13 | 61.34 | 11.47  | 0.2786 | 0.6076          | 0.1136                          | 104.4                           | 27 536  | -1 536c |     |
| 16                                                                                                                               | 485                             | 37  | 589   | 36.4  | 67.88 | 11.48  | 0.3144 | 0.5863          | 0.0992                          | 97.3                            | 28 544  | -1 544c |     |
| 17                                                                                                                               | 490                             | 47  | 636   | 69.12 | 83.91 | 9.43   | 0.4254 | 0.5164          | 0.058                           | 63.9                            | 33 565  | -1 565c |     |
| 19                                                                                                                               | 495                             | -1  | 495c  | 76.04 | 84.54 | 6.65   | 0.4547 | 0.5055          | 0.0397                          | 54.4                            | 33 568  | 12 462  | max |
| 20                                                                                                                               | 500                             | -1  | 500c  | 76.03 | 83.11 | 5.7    | 0.4612 | 0.5041          | 0.0346                          | 52.6                            | 33 569  | 13 465  |     |
| 21                                                                                                                               | 510                             | -1  | 509c  | 76.01 | 81.32 | 4.97   | 0.4683 | 0.501           | 0.0306                          | 50.4                            | 34 570  | 13 468  |     |
| 24                                                                                                                               | 520                             | -1  | 520c  | 75.4  | 73.48 | 3.79   | 0.4938 | 0.4812          | 0.0248                          | 41.0                            | 34 574  | 14 474  | Ym  |
| 26                                                                                                                               | 530                             | -1  | 530c  | 74.05 | 66.55 | 3.44   | 0.514  | 0.462           | 0.0239                          | 33.1                            | 35 577  | 15 478  |     |
| 28                                                                                                                               | 540                             | -1  | 540c  | 71.68 | 58.82 | 3.27   | 0.5358 | 0.4396          | 0.0244                          | 24.8                            | 36 581  | 16 481  |     |
| 28                                                                                                                               | 545                             | -1  | 544c  | 71.68 | 58.82 | 3.27   | 0.5358 | 0.4396          | 0.0244                          | 24.8                            | 36 581  | 16 481  |     |
| 30                                                                                                                               | 550                             | -1  | 550c  | 68.13 | 50.71 | 3.2    | 0.5582 | 0.4155          | 0.0262                          | 16.7                            | 37 585  | 16 483  |     |
| 30                                                                                                                               | 555                             | -1  | 554c  | 68.13 | 50.71 | 3.2    | 0.5582 | 0.4155          | 0.0262                          | 16.7                            | 37 585  | 16 483  |     |
| 32                                                                                                                               | 560                             | -1  | 560c  | 63.25 | 42.57 | 3.16   | 0.5803 | 0.3906          | 0.029                           | 9.4                             | 38 590  | 17 485  |     |
| 33                                                                                                                               | 565                             | 0   | 405   | 68.38 | 47.13 | 9.24   | 0.5481 | 0.3777          | 0.0741                          | 7.4                             | 38 592  | 17 485  | Rm  |
| 33                                                                                                                               | 565                             | 7   | 435   | 72.03 | 46.75 | 29.28  | 0.4864 | 0.3157          | 0.1977                          | 345.9                           | -1 490c | 18 490  |     |
| 33                                                                                                                               | 566                             | 9   | 450   | 73.62 | 45.98 | 41.42  | 0.4571 | 0.2855          | 0.2572                          | 329.6                           | -1 495c | 19 495  |     |
| 33                                                                                                                               | 568                             | 11  | 460   | 74.87 | 45.1  | 53.66  | 0.4312 | 0.2597          | 0.309                           | 313.3                           | -1 502c | 20 502  |     |
| 33                                                                                                                               | 569                             | 12  | 465   | 74.98 | 44.26 | 59.42  | 0.4196 | 0.2477          | 0.3325                          | 305.9                           | -1 507c | 21 507  |     |
| 34                                                                                                                               | 571                             | 14  | 470   | 75.51 | 43.92 | 68.87  | 0.401  | 0.2332          | 0.3657                          | 295.5                           | -1 520c | 24 520  | Mm  |
| 34                                                                                                                               | 574                             | 15  | 475   | 73.56 | 41.79 | 72.33  | 0.3919 | 0.2226          | 0.3853                          | 290.1                           | -1 528c | 25 528  |     |
| 35                                                                                                                               | 579                             | 16  | 480   | 69.99 | 38.65 | 75.02  | 0.381  | 0.2104          | 0.4084                          | 284.4                           | -1 536c | 27 536  |     |
| 37                                                                                                                               | 589                             | 16  | 485   | 61.72 | 32.11 | 75.01  | 0.3655 | 0.1902          | 0.4442                          | 277.3                           | -1 544c | 28 544  |     |
| 47                                                                                                                               | 636                             | 17  | 490   | 29.0  | 16.08 | 77.06  | 0.2374 | 0.1316          | 0.6308                          | 243.9                           | -1 565c | 33 565  |     |
| -1                                                                                                                               | 495c                            | 19  | 495   | 22.07 | 15.45 | 79.85  | 0.188  | 0.1316          | 0.6802                          | 234.5                           | 12 462  | 33 568  | min |
| -1                                                                                                                               | 500c                            | 20  | 500   | 22.08 | 16.88 | 80.79  | 0.1844 | 0.1409          | 0.6746                          | 232.7                           | 13 465  | 33 569  |     |
| -1                                                                                                                               | 509c                            | 21  | 510   | 22.11 | 18.67 | 81.52  | 0.1807 | 0.1526          | 0.6665                          | 230.4                           | 13 468  | 34 570  |     |
| -1                                                                                                                               | 520c                            | 24  | 520   | 22.71 | 26.51 | 82.71  | 0.1721 | 0.2009          | 0.6268                          | 221.0                           | 14 474  | 34 574  | Bm  |
| -1                                                                                                                               | 530c                            | 26  | 530   | 24.06 | 33.44 | 83.05  | 0.1711 | 0.2379          | 0.5908                          | 213.1                           | 15 478  | 35 577  |     |
| -1                                                                                                                               | 540c                            | 28  | 540   | 26.43 | 41.17 | 83.22  | 0.1752 | 0.2729          | 0.5517                          | 204.8                           | 16 481  | 36 581  |     |
| -1                                                                                                                               | 544c                            | 28  | 545   | 26.43 | 41.17 | 83.22  | 0.1752 | 0.2729          | 0.5517                          | 204.8                           | 16 481  | 36 581  |     |
| -1                                                                                                                               | 550c                            | 30  | 550   | 29.98 | 49.28 | 83.3   | 0.1844 | 0.3031          | 0.5124                          | 196.7                           | 16 483  | 37 585  |     |
| -1                                                                                                                               | 554c                            | 30  | 555   | 29.98 | 49.28 | 83.3   | 0.1844 | 0.3031          | 0.5124                          | 196.7                           | 16 483  | 37 585  |     |
| -1                                                                                                                               | 560c                            | 32  | 560   | 34.86 | 57.42 | 83.33  | 0.1985 | 0.3269          | 0.4745                          | 189.4                           | 17 485  | 38 590  |     |
| W0                                                                                                                               | 380                             | 770 | 88.31 | 90.0  | 77.85 | 0.3447 | 0.3513 | 0.3039          | 0.0                             |                                 |         |         |     |
| N0                                                                                                                               | 380                             | 770 | 3.53  | 3.6   | 3.11  | 0.3447 | 0.3513 | 0.3039          | 0.0                             |                                 |         |         |     |

AEV70-7N

TUB-test chart AEV7; Hue circle of the *Ostwald* optimal colours with Y values, Y<sub>N</sub>=0,0, Y<sub>W</sub>=90  
Data: XYZ and YABC<sub>AB</sub>h<sub>AB</sub> as table with different wavelength, P50-02

1-000200-F0

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P50, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |     |      |       |                 |        |        |                 |                                 |                                 |                       |         |     |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----|------|-------|-----------------|--------|--------|-----------------|---------------------------------|---------------------------------|-----------------------|---------|-----|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | Y   | A    | B     | C <sub>AB</sub> | a      | b      | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code                  |         |     |
| 0                                                                                                                                | 405                             | 33  | 565  | 52.86 | -55.33          | -31.51 | 63.67  | 0.5622          | -0.5843                         | 209.6                           | 17 485                | 38 592  | Cm  |
| 7                                                                                                                                | 435                             | 33  | 565  | 53.24 | -65.38          | -11.15 | 66.33  | 0.4897          | -0.4296                         | 189.6                           | 18 490                | -1 490c |     |
| 9                                                                                                                                | 450                             | 33  | 566  | 54.01 | -71.22          | 1.64   | 71.24  | 0.4534          | -0.3337                         | 178.6                           | 19 495                | -1 495c |     |
| 11                                                                                                                               | 460                             | 33  | 568  | 54.89 | -76.51          | 14.64  | 77.9   | 0.4233          | -0.2392                         | 169.1                           | 20 502                | -1 502c |     |
| 12                                                                                                                               | 465                             | 33  | 569  | 55.73 | -78.85          | 21.13  | 81.63  | 0.415           | -0.1942                         | 164.9                           | 21 507                | -1 507c |     |
| 14                                                                                                                               | 470                             | 34  | 571  | 56.07 | -81.01          | 30.87  | 86.69  | 0.4031          | -0.1257                         | 159.1                           | 24 520                | -1 520c | Gm  |
| 15                                                                                                                               | 475                             | 34  | 574  | 58.2  | -81.36          | 36.17  | 89.04  | 0.4218          | -0.0973                         | 156.0                           | 25 528                | -1 528c |     |
| 16                                                                                                                               | 480                             | 35  | 579  | 61.34 | -80.11          | 41.57  | 90.25  | 0.4585          | -0.0748                         | 152.5                           | 27 536                | -1 536c |     |
| 16                                                                                                                               | 485                             | 37  | 589  | 67.88 | -75.48          | 47.21  | 89.03  | 0.5361          | -0.0676                         | 147.9                           | 28 544                | -1 544c |     |
| 17                                                                                                                               | 490                             | 47  | 636  | 83.91 | -33.01          | 63.13  | 71.24  | 0.8235          | -0.0449                         | 117.6                           | 33 565                | -1 565c |     |
| 19                                                                                                                               | 495                             | -1  | 495c | 84.54 | -17.25          | 66.46  | 68.66  | 0.8993          | -0.0314                         | 104.5                           | 33 568                | 12 462  | max |
| 20                                                                                                                               | 500                             | -1  | 500c | 83.11 | -13.78          | 66.17  | 67.59  | 0.9146          | -0.0274                         | 101.7                           | 33 569                | 13 465  |     |
| 21                                                                                                                               | 510                             | -1  | 509c | 81.32 | -9.44           | 65.35  | 66.03  | 0.9344          | -0.0244                         | 98.2                            | 34 570                | 13 468  |     |
| 24                                                                                                                               | 520                             | -1  | 520c | 73.48 | 8.26            | 59.75  | 60.32  | 1.0259          | -0.0206                         | 82.1                            | 34 574                | 14 474  | Ym  |
| 26                                                                                                                               | 530                             | -1  | 530c | 66.55 | 21.88           | 54.11  | 58.37  | 1.1124          | -0.0207                         | 67.9                            | 35 577                | 15 478  |     |
| 28                                                                                                                               | 540                             | -1  | 540c | 58.82 | 34.91           | 47.59  | 59.03  | 1.2183          | -0.0222                         | 53.7                            | 36 581                | 16 481  |     |
| 28                                                                                                                               | 545                             | -1  | 544c | 58.82 | 34.91           | 47.59  | 59.03  | 1.2183          | -0.0222                         | 53.7                            | 36 581                | 16 481  |     |
| 30                                                                                                                               | 550                             | -1  | 550c | 50.71 | 45.92           | 40.65  | 61.33  | 1.3431          | -0.0252                         | 41.5                            | 37 585                | 16 483  |     |
| 30                                                                                                                               | 555                             | -1  | 554c | 50.71 | 45.92           | 40.65  | 61.33  | 1.3431          | -0.0252                         | 41.5                            | 37 585                | 16 483  |     |
| 32                                                                                                                               | 560                             | -1  | 560c | 42.57 | 53.68           | 33.65  | 63.35  | 1.4852          | -0.0297                         | 32.0                            | 38 590                | 17 485  |     |
| 33                                                                                                                               | 565                             | 0   | 405  | 47.13 | 55.33           | 31.51  | 63.68  | 1.4505          | -0.0784                         | 29.6                            | 38 592                | 17 485  | Rm  |
| 33                                                                                                                               | 565                             | 7   | 435  | 46.75 | 65.38           | 11.15  | 66.32  | 1.5403          | -0.2504                         | 9.6                             | -1 490c               | 18 490  |     |
| 33                                                                                                                               | 566                             | 9   | 450  | 45.98 | 71.21           | -1.64  | 71.23  | 1.6004          | -0.3601                         | 358.6                           | -1 495c               | 19 495  |     |
| 33                                                                                                                               | 568                             | 11  | 460  | 45.1  | 76.5            | -14.63 | 77.89  | 1.6594          | -0.4757                         | 349.1                           | -1 502c               | 20 502  |     |
| 33                                                                                                                               | 569                             | 12  | 465  | 44.26 | 78.83           | -21.12 | 81.62  | 1.6934          | -0.5368                         | 344.9                           | -1 507c               | 21 507  |     |
| 34                                                                                                                               | 571                             | 14  | 470  | 43.92 | 80.99           | -30.86 | 86.67  | 1.7185          | -0.6269                         | 339.1                           | -1 520c               | 24 520  | Mm  |
| 34                                                                                                                               | 574                             | 15  | 475  | 41.79 | 81.33           | -36.16 | 89.01  | 1.7594          | -0.692                          | 336.0                           | -1 528c               | 25 528  |     |
| 35                                                                                                                               | 579                             | 16  | 480  | 38.65 | 80.08           | -41.55 | 90.22  | 1.8096          | -0.7759                         | 332.5                           | -1 536c               | 27 536  |     |
| 37                                                                                                                               | 589                             | 16  | 485  | 32.11 | 75.45           | -47.2  | 89.0   | 1.9206          | -0.9337                         | 327.9                           | -1 544c               | 28 544  |     |
| 47                                                                                                                               | 636                             | 17  | 490  | 16.08 | 32.99           | -63.09 | 71.2   | 1.8015          | -1.9149                         | 297.6                           | -1 565c               | 33 565  |     |
| -1                                                                                                                               | 495c                            | 19  | 495  | 15.45 | 17.24           | -66.42 | 68.62  | 1.4272          | -2.0652                         | 284.5                           | 12 462                | 33 568  | min |
| -1                                                                                                                               | 500c                            | 20  | 500  | 16.88 | 13.77           | -66.14 | 67.55  | 1.3073          | -1.9129                         | 281.7                           | 13 465                | 33 569  |     |
| -1                                                                                                                               | 509c                            | 21  | 510  | 18.67 | 9.44            | -65.32 | 66.0   | 1.1831          | -1.7449                         | 278.2                           | 13 468                | 34 570  |     |
| -1                                                                                                                               | 520c                            | 24  | 520  | 26.51 | -8.26           | -59.73 | 60.3   | 0.8562          | -1.2469                         | 262.1                           | 14 474                | 34 574  | Bm  |
| -1                                                                                                                               | 530c                            | 26  | 530  | 33.44 | -21.88          | -54.1  | 58.35  | 0.7192          | -0.9929                         | 247.9                           | 15 478                | 35 577  |     |
| -1                                                                                                                               | 540c                            | 28  | 540  | 41.17 | -34.9           | -47.59 | 59.02  | 0.6418          | -0.8082                         | 233.7                           | 16 481                | 36 581  |     |
| -1                                                                                                                               | 544c                            | 28  | 545  | 41.17 | -34.9           | -47.59 | 59.02  | 0.6418          | -0.8082                         | 233.7                           | 16 481                | 36 581  |     |
| -1                                                                                                                               | 550c                            | 30  | 550  | 49.28 | -45.91          | -40.65 | 61.33  | 0.6082          | -0.6758                         | 221.5                           | 16 483                | 37 585  |     |
| -1                                                                                                                               | 554c                            | 30  | 555  | 49.28 | -45.91          | -40.65 | 61.33  | 0.6082          | -0.6758                         | 221.5                           | 16 483                | 37 585  |     |
| -1                                                                                                                               | 560c                            | 32  | 560  | 57.42 | -53.67          | -33.65 | 63.35  | 0.607           | -0.5803                         | 212.0                           | 17 485                | 38 590  |     |
| W0                                                                                                                               | 380                             | 770 | 90.0 | 0.0   | 0.0             | 0.0    | 0.9809 | -0.3459         | 0.0                             |                                 | B <sub>c</sub> =1,000 |         |     |
| N0                                                                                                                               | 380                             | 770 | 3.6  | 0.0   | 0.0             | 0.0    | 0.9809 | -0.3459         | 0.0                             |                                 | x <sub>c</sub> =0,000 |         |     |

AEV71-7N

TUB registration: 20201101-AEV7/AEV7L0NA.TXT /.PS  
application for evaluation and measurement of display or print output

TUB material: code=rha4ta

see similar files: <http://farbe.li-tu-berlin.de/AEV7/AEV7L0NA.TXT> / .PS  
technical information: <http://farbe.li-tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P45, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |       |       |        |        |        |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|-------|-------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | 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> | Code |  |  |
| 1 405                                                                                                                            | 33 566                          | 29.02 | 52.74 | 67.6  | 0.1943 | 0.3531 | 0.4525 | 183.4           | 17 487                          | 38 593                          | Cm   |  |  |
| 7 435                                                                                                                            | 33 567                          | 26.04 | 53.09 | 51.07 | 0.2    | 0.4077 | 0.3922 | 164.4           | 18 491                          | -1 491c                         |      |  |  |
| 10 450                                                                                                                           | 33 568                          | 23.67 | 53.63 | 35.16 | 0.2104 | 0.4768 | 0.3126 | 142.8           | 19 499                          | -1 499c                         |      |  |  |
| 12 460                                                                                                                           | 33 569                          | 22.7  | 54.32 | 24.66 | 0.2232 | 0.5341 | 0.2425 | 128.7           | 21 507                          | -1 507c                         |      |  |  |
| 13 465                                                                                                                           | 34 570                          | 22.23 | 54.38 | 20.06 | 0.2299 | 0.5625 | 0.2075 | 123.1           | 22 512                          | -1 512c                         |      |  |  |
| 13 470                                                                                                                           | 34 571                          | 23.53 | 55.8  | 20.06 | 0.2367 | 0.5613 | 0.2018 | 121.9           | 22 514                          | -1 514c                         | Gm   |  |  |
| 15 475                                                                                                                           | 34 574                          | 24.67 | 57.32 | 13.03 | 0.2596 | 0.6031 | 0.1371 | 112.7           | 25 528                          | -1 528c                         |      |  |  |
| 15 480                                                                                                                           | 35 578                          | 27.96 | 60.46 | 13.04 | 0.2755 | 0.5958 | 0.1285 | 110.0           | 26 532                          | -1 532c                         |      |  |  |
| 17 485                                                                                                                           | 37 587                          | 34.14 | 64.69 | 8.68  | 0.3175 | 0.6016 | 0.0807 | 100.1           | 28 544                          | -1 544c                         |      |  |  |
| 17 490                                                                                                                           | 42 611                          | 55.7  | 77.39 | 8.69  | 0.3928 | 0.5457 | 0.0613 | 79.8            | 31 559                          | -1 559c                         |      |  |  |
| 19 495                                                                                                                           | -1 495c                         | 78.61 | 85.02 | 6.11  | 0.4631 | 0.5008 | 0.0359 | 53.2            | 33 569                          | 12 463                          | max  |  |  |
| 20 500                                                                                                                           | -1 500c                         | 78.6  | 83.68 | 5.22  | 0.4692 | 0.4995 | 0.0311 | 51.3            | 34 570                          | 13 466                          |      |  |  |
| 22 510                                                                                                                           | -1 510c                         | 78.5  | 79.89 | 4.02  | 0.4833 | 0.4918 | 0.0247 | 46.2            | 34 572                          | 14 471                          |      |  |  |
| 24 520                                                                                                                           | -1 520c                         | 77.99 | 74.47 | 3.4   | 0.5003 | 0.4777 | 0.0218 | 39.2            | 34 574                          | 15 475                          | Ym   |  |  |
| 26 530                                                                                                                           | -1 530c                         | 76.69 | 67.75 | 3.06  | 0.5198 | 0.4593 | 0.0207 | 31.0            | 35 578                          | 15 479                          |      |  |  |
| 27 540                                                                                                                           | -1 539c                         | 75.66 | 64.04 | 2.96  | 0.5303 | 0.4488 | 0.0207 | 26.7            | 35 579                          | 16 480                          |      |  |  |
| 29 545                                                                                                                           | -1 545c                         | 72.76 | 56.19 | 2.85  | 0.552  | 0.4262 | 0.0216 | 18.1            | 36 583                          | 16 483                          |      |  |  |
| 29 550                                                                                                                           | -1 549c                         | 72.76 | 56.19 | 2.85  | 0.552  | 0.4262 | 0.0216 | 18.1            | 36 583                          | 16 483                          |      |  |  |
| 30 555                                                                                                                           | -1 554c                         | 70.84 | 52.13 | 2.82  | 0.5631 | 0.4144 | 0.0224 | 14.1            | 37 585                          | 16 484                          |      |  |  |
| 31 560                                                                                                                           | -1 559c                         | 68.57 | 48.05 | 2.8   | 0.5741 | 0.4023 | 0.0234 | 10.3            | 37 588                          | 17 485                          |      |  |  |
| 33 566                                                                                                                           | 1 405                           | 70.17 | 47.25 | 8.46  | 0.5574 | 0.3753 | 0.0672 | 3.4             | 38 593                          | 17 487                          | Rm   |  |  |
| 33 567                                                                                                                           | 7 435                           | 73.16 | 46.9  | 24.99 | 0.5043 | 0.3233 | 0.1723 | 344.5           | -1 491c                         | 18 491                          |      |  |  |
| 33 568                                                                                                                           | 10 450                          | 75.53 | 46.36 | 40.91 | 0.4639 | 0.2847 | 0.2512 | 322.8           | -1 499c                         | 19 499                          |      |  |  |
| 33 569                                                                                                                           | 12 460                          | 76.5  | 45.67 | 51.4  | 0.4407 | 0.2631 | 0.2961 | 308.7           | -1 507c                         | 21 507                          |      |  |  |
| 34 570                                                                                                                           | 13 465                          | 76.97 | 45.61 | 56.0  | 0.4309 | 0.2553 | 0.3136 | 303.2           | -1 512c                         | 22 512                          |      |  |  |
| 34 571                                                                                                                           | 13 470                          | 75.66 | 44.19 | 56.0  | 0.4302 | 0.2512 | 0.3184 | 301.9           | -1 514c                         | 22 514                          | Mm   |  |  |
| 34 574                                                                                                                           | 15 475                          | 74.52 | 42.67 | 63.03 | 0.4134 | 0.2367 | 0.3497 | 292.8           | -1 528c                         | 25 528                          |      |  |  |
| 35 578                                                                                                                           | 15 480                          | 71.24 | 39.53 | 63.02 | 0.4099 | 0.2274 | 0.3626 | 290.0           | -1 532c                         | 26 532                          |      |  |  |
| 37 587                                                                                                                           | 17 485                          | 65.06 | 35.3  | 67.38 | 0.3878 | 0.2104 | 0.4017 | 280.2           | -1 544c                         | 28 544                          |      |  |  |
| 42 611                                                                                                                           | 17 490                          | 43.49 | 22.6  | 67.37 | 0.3258 | 0.1693 | 0.5047 | 259.9           | -1 559c                         | 31 559                          |      |  |  |
| -1 495c                                                                                                                          | 19 495                          | 20.58 | 14.97 | 69.96 | 0.1951 | 0.1419 | 0.6629 | 233.2           | 12 463                          | 33 569                          | min  |  |  |
| -1 500c                                                                                                                          | 20 500                          | 20.6  | 16.31 | 70.85 | 0.1911 | 0.1514 | 0.6574 | 231.4           | 13 466                          | 34 570                          |      |  |  |
| -1 510c                                                                                                                          | 22 510                          | 20.69 | 20.1  | 72.04 | 0.1833 | 0.1781 | 0.6384 | 226.2           | 14 471                          | 34 572                          |      |  |  |
| -1 520c                                                                                                                          | 24 520                          | 21.2  | 25.52 | 72.67 | 0.1776 | 0.2137 | 0.6086 | 219.3           | 15 475                          | 34 574                          | Bm   |  |  |
| -1 530c                                                                                                                          | 26 530                          | 22.51 | 32.24 | 73.0  | 0.1762 | 0.2523 | 0.5714 | 211.0           | 15 479                          | 35 578                          |      |  |  |
| -1 539c                                                                                                                          | 27 540                          | 23.53 | 35.95 | 73.1  | 0.1775 | 0.2711 | 0.5513 | 206.7           | 16 480                          | 35 579                          |      |  |  |
| -1 545c                                                                                                                          | 29 545                          | 26.44 | 43.8  | 73.21 | 0.1842 | 0.3053 | 0.5103 | 198.2           | 16 483                          | 36 583                          |      |  |  |
| -1 549c                                                                                                                          | 29 550                          | 26.44 | 43.8  | 73.21 | 0.1842 | 0.3053 | 0.5103 | 198.2           | 16 483                          | 36 583                          |      |  |  |
| -1 554c                                                                                                                          | 30 555                          | 28.36 | 47.86 | 73.24 | 0.1897 | 0.3202 | 0.49   | 194.1           | 16 484                          | 37 585                          |      |  |  |
| -1 559c                                                                                                                          | 31 560                          | 30.62 | 51.94 | 73.26 | 0.1965 | 0.3333 | 0.4701 | 190.3           | 17 485                          | 37 588                          |      |  |  |
| W0                                                                                                                               | 380 770                         | 89.28 | 90.0  | 68.46 | 0.3603 | 0.3632 | 0.2763 | 0.0             |                                 |                                 |      |  |  |
| N0                                                                                                                               | 380 770                         | 3.57  | 3.6   | 2.73  | 0.3603 | 0.3632 | 0.2763 | 0.0             |                                 |                                 |      |  |  |

AEV70-7N

TUB-test chart AEV7; Hue circle of the *Ostwald* optimal colours with Y values, Y<sub>N</sub>=0,0, Y<sub>W</sub>=90  
Data: XYZ and YABC<sub>AB</sub>h<sub>AB</sub> as table with different wavelength, P45-02

1-000300-F0

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P45, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |        |        |                 |        |         |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |
| 1 405                                                                                                                            | 33 566                          | 52.74 | -58.24 | -27.46 | 64.39           | 0.5501 | -0.5125 | 205.2           | 17 487                          | 38 593                          | Cm   |  |  |
| 7 435                                                                                                                            | 33 567                          | 53.09 | -66.54 | -10.68 | 67.39           | 0.4904 | -0.3847 | 189.1           | 18 491                          | -1 491c                         |      |  |  |
| 10 450                                                                                                                           | 33 568                          | 53.63 | -73.81 | 5.63   | 74.02           | 0.4412 | -0.2621 | 175.6           | 19 499                          | -1 499c                         |      |  |  |
| 12 460                                                                                                                           | 33 569                          | 54.32 | -77.93 | 16.64  | 79.69           | 0.4179 | -0.1816 | 167.9           | 21 507                          | -1 507c                         |      |  |  |
| 13 465                                                                                                                           | 34 570                          | 54.38 | -79.27 | 21.3   | 82.08           | 0.4087 | -0.1475 | 164.9           | 22 512                          | -1 512c                         |      |  |  |
| 13 470                                                                                                                           | 34 571                          | 55.8  | -79.52 | 22.37  | 82.61           | 0.4217 | -0.1438 | 164.2           | 22 514                          | -1 514c                         | Gm   |  |  |
| 15 475                                                                                                                           | 34 574                          | 57.32 | -80.44 | 30.56  | 86.05           | 0.4304 | -0.0909 | 159.1           | 25 528                          | -1 528c                         |      |  |  |
| 15 480                                                                                                                           | 35 578                          | 60.46 | -80.03 | 32.94  | 86.54           | 0.4623 | -0.0862 | 157.6           | 26 532                          | -1 532c                         |      |  |  |
| 17 485                                                                                                                           | 37 587                          | 64.69 | -75.07 | 40.52  | 85.3            | 0.5276 | -0.0536 | 151.6           | 28 544                          | -1 544c                         |      |  |  |
| 17 490                                                                                                                           | 42 611                          | 77.39 | -52.64 | 50.16  | 72.71           | 0.7196 | -0.0449 | 136.3           | 31 559                          | -1 559c                         |      |  |  |
| 19 495                                                                                                                           | -1 495c                         | 85.02 | -14.31 | 58.55  | 60.27           | 0.9244 | -0.0287 | 103.7           | 33 569                          | 12 463                          | max  |  |  |
| 20 500                                                                                                                           | -1 500c                         | 83.68 | -11.01 | 58.42  | 59.45           | 0.9391 | -0.0249 | 100.6           | 34 570                          | 13 466                          |      |  |  |
| 22 510                                                                                                                           | -1 510c                         | 79.89 | -1.85  | 56.73  | 56.76           | 0.9824 | -0.0201 | 91.8            | 34 572                          | 14 471                          |      |  |  |
| 24 520                                                                                                                           | -1 520c                         | 74.47 | 10.28  | 53.24  | 54.22           | 1.047  | -0.0182 | 79.0            | 34 574                          | 15 475                          | Ym   |  |  |
| 26 530                                                                                                                           | -1 530c                         | 67.75 | 23.68  | 48.46  | 53.94           | 1.1315 | -0.0181 | 63.9            | 35 578                          | 15 479                          |      |  |  |
| 27 540                                                                                                                           | -1 539c                         | 64.04 | 30.31  | 45.74  | 54.87           | 1.1811 | -0.0185 | 56.4            | 35 579                          | 16 480                          |      |  |  |
| 29 545                                                                                                                           | -1 545c                         | 56.19 | 42.54  | 39.87  | 58.31           | 1.2946 | -0.0203 | 43.1            | 36 583                          | 16 483                          |      |  |  |
| 29 550                                                                                                                           | -1 549c                         | 56.19 | 42.54  | 39.87  | 58.31           | 1.2946 | -0.0203 | 43.1            | 36 583                          | 16 483                          |      |  |  |
| 30 555                                                                                                                           | -1 554c                         | 52.13 | 47.79  | 36.82  | 60.33           | 1.3584 | -0.0216 | 37.6            | 37 585                          | 16 484                          |      |  |  |
| 31 560                                                                                                                           | -1 559c                         | 48.05 | 52.25  | 33.73  | 62.2            | 1.4267 | -0.0233 | 32.8            | 37 588                          | 17 485                          |      |  |  |
| 33 566                                                                                                                           | 1 405                           | 47.25 | 58.24  | 27.46  | 64.39           | 1.4848 | -0.0716 | 25.2            | 38 593                          | 17 487                          | Rm   |  |  |
| 33 567                                                                                                                           | 7 435                           | 46.9  | 66.53  | 10.68  | 67.39           | 1.5591 | -0.213  | 9.1             | -1 491c                         | 18 491                          |      |  |  |
| 33 568                                                                                                                           | 10 450                          | 46.36 | 73.8   | -5.63  | 74.01           | 1.6284 | -0.3528 | 355.6           | -1 499c                         | 19 499                          |      |  |  |
| 33 569                                                                                                                           | 12 460                          | 45.67 | 77.91  | -16.64 | 79.67           | 1.6741 | -0.4499 | 347.9           | -1 507c                         | 21 507                          |      |  |  |
| 34 570                                                                                                                           | 13 465                          | 45.61 | 79.25  | -21.29 | 82.07           | 1.6868 | -0.4909 | 344.9           | -1 512c                         | 22 512                          |      |  |  |
| 34 571                                                                                                                           | 13 470                          | 44.19 | 79.51  | -22.37 | 82.59           | 1.7114 | -0.5067 | 344.2           | -1 514c                         | 22 514                          | Mm   |  |  |
| 34 574                                                                                                                           | 15 475                          | 42.67 | 80.42  | -30.55 | 86.03           | 1.7456 | -0.5905 | 339.1           | -1 528c                         | 25 528                          |      |  |  |
| 35 578                                                                                                                           | 15 480                          | 39.53 | 80.01  | -32.93 | 86.52           | 1.8013 | -0.6374 | 337.6           | -1 532c                         | 26 532                          |      |  |  |
| 37 587                                                                                                                           | 17 485                          | 35.3  | 75.04  | -40.5  | 85.28           | 1.8421 | -0.7632 | 331.6           | -1 544c                         | 28 544                          |      |  |  |
| 42 611                                                                                                                           | 17 490                          | 22.6  | 52.62  | -50.14 | 72.68           | 1.9229 | -1.1914 | 316.3           | -1 559c                         | 31 559                          |      |  |  |
| -1 495c                                                                                                                          | 19 495                          | 14.97 | 14.3   | -58.52 | 60.24           | 1.3738 | -1.8674 | 283.7           | 12 463                          | 33 569                          | min  |  |  |
| -1 500c                                                                                                                          | 20 500                          | 16.31 | 11.01  | -58.39 | 59.42           | 1.2617 | -1.7356 | 280.6           | 13 466                          | 34 570                          |      |  |  |
| -1 510c                                                                                                                          | 22 510                          | 20.1  | 1.85   | -56.71 | 56.74           | 1.0286 | -1.4324 | 271.8           | 14 471                          | 34 572                          |      |  |  |
| -1 520c                                                                                                                          | 24 520                          | 25.52 | -10.28 | -53.22 | 54.21           | 0.8305 | -1.1384 | 259.0           | 15 475                          | 34 574                          | Bm   |  |  |
| -1 530c                                                                                                                          | 26 530                          | 32.24 | -23.68 | -48.45 | 53.93           | 0.6979 | -0.9054 | 243.9           | 15 479                          | 35 578                          |      |  |  |
| -1 539c                                                                                                                          | 27 540                          | 35.95 | -30.31 | -45.73 | 54.87           | 0.6544 | -0.813  | 236.4           | 16 480                          | 35 579                          |      |  |  |
| -1 545c                                                                                                                          | 29 545                          | 43.8  | -42.54 | -39.87 | 58.3            | 0.6033 | -0.6682 | 223.1           | 16 483                          | 36 583                          |      |  |  |
| -1 549c                                                                                                                          | 29 550                          | 43.8  | -42.54 | -39.87 | 58.3            | 0.6033 | -0.6682 | 223.1           | 16 483                          | 36 583                          |      |  |  |
| -1 554c                                                                                                                          | 30 555                          | 47.86 | -47.79 | -36.82 | 60.33           | 0.5923 | -0.6119 | 217.6           | 16 484                          | 37 585                          |      |  |  |
| -1 559c                                                                                                                          | 31 560                          | 51.94 | -52.25 | -33.73 | 62.19           | 0.5894 | -0.5639 | 212.8           | 17 485                          | 37 588                          |      |  |  |
| W0                                                                                                                               | 380 770                         | 90.0  | 0.0    | 0.0    | 0.0             | 0.9917 | -0.3042 | 0.0             | B <sub>c</sub> =1,000           |                                 |      |  |  |
| N0                                                                                                                               | 380 770                         | 3.6   | 0.0    | 0.0    | 0.0             | 0.9917 | -0.3042 | 0.0             | x <sub>c</sub> =0,000           |                                 |      |  |  |

AEV71-7N

TUB registration: 20201101-AEV7/AEV7L0NA.TXT /.PS  
application for evaluation and measurement of display or print output

TUB material: code=rha4ta

see similar files: <http://farbe.li-tu-berlin.de/AEV7/AEV7.L0NA.TXT> / .PS  
technical information: <http://farbe.li-tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P40, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |       |       |        |        |        |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|-------|-------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | 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> | Code |  |  |
| 0 405                                                                                                                            | 33 568                          | 28.56 | 52.58 | 57.84 | 0.2054 | 0.3783 | 0.4161 | 179.3           | 17 488                          | 38 594                          | Cm   |  |  |
| 7 435                                                                                                                            | 33 568                          | 26.11 | 52.87 | 44.22 | 0.2119 | 0.4291 | 0.3589 | 162.5           | 18 493                          | -1 493c                         |      |  |  |
| 10 450                                                                                                                           | 33 569                          | 24.13 | 53.33 | 30.9  | 0.2226 | 0.4921 | 0.2851 | 143.6           | 19 499                          | -1 499c                         |      |  |  |
| 12 460                                                                                                                           | 34 570                          | 22.8  | 53.28 | 21.91 | 0.2326 | 0.5437 | 0.2236 | 131.3           | 21 507                          | -1 507c                         |      |  |  |
| 13 465                                                                                                                           | 34 571                          | 22.89 | 53.83 | 17.91 | 0.2418 | 0.5688 | 0.1892 | 125.6           | 22 512                          | -1 512c                         |      |  |  |
| 14 470                                                                                                                           | 34 572                          | 23.51 | 54.75 | 14.51 | 0.2534 | 0.5901 | 0.1564 | 120.6           | 23 519                          | -1 519c                         | Gm   |  |  |
| 14 475                                                                                                                           | 34 574                          | 25.3  | 56.7  | 14.51 | 0.2622 | 0.5874 | 0.1503 | 119.1           | 24 522                          | -1 522c                         |      |  |  |
| 15 480                                                                                                                           | 35 578                          | 27.64 | 58.85 | 11.73 | 0.2814 | 0.5991 | 0.1194 | 113.8           | 26 531                          | -1 531c                         |      |  |  |
| 17 485                                                                                                                           | 37 585                          | 32.27 | 62.11 | 7.83  | 0.3157 | 0.6076 | 0.0766 | 105.5           | 28 543                          | -1 543c                         |      |  |  |
| 17 490                                                                                                                           | 40 600                          | 46.83 | 71.73 | 7.84  | 0.3704 | 0.5674 | 0.062  | 92.8            | 30 554                          | -1 554c                         |      |  |  |
| 19 495                                                                                                                           | -1 495c                         | 81.89 | 85.57 | 5.49  | 0.4734 | 0.4947 | 0.0317 | 51.6            | 34 571                          | 12 464                          | max  |  |  |
| 20 500                                                                                                                           | -1 500c                         | 81.88 | 84.33 | 4.67  | 0.4791 | 0.4934 | 0.0273 | 49.6            | 34 571                          | 13 467                          |      |  |  |
| 21 510                                                                                                                           | -1 509c                         | 81.86 | 82.76 | 4.03  | 0.4853 | 0.4906 | 0.0239 | 47.2            | 34 572                          | 13 469                          |      |  |  |
| 24 520                                                                                                                           | -1 520c                         | 81.3  | 75.67 | 2.97  | 0.5083 | 0.473  | 0.0185 | 36.9            | 35 575                          | 15 476                          | Ym   |  |  |
| 26 530                                                                                                                           | -1 530c                         | 80.05 | 69.21 | 2.65  | 0.5269 | 0.4556 | 0.0174 | 28.2            | 35 578                          | 16 480                          |      |  |  |
| 27 540                                                                                                                           | -1 539c                         | 79.05 | 65.61 | 2.55  | 0.5369 | 0.4456 | 0.0173 | 23.7            | 36 580                          | 16 481                          |      |  |  |
| 29 545                                                                                                                           | -1 545c                         | 76.21 | 57.91 | 2.44  | 0.558  | 0.424  | 0.0179 | 14.9            | 36 584                          | 16 484                          |      |  |  |
| 29 550                                                                                                                           | -1 549c                         | 76.21 | 57.91 | 2.44  | 0.558  | 0.424  | 0.0179 | 14.9            | 36 584                          | 16 484                          |      |  |  |
| 31 555                                                                                                                           | -1 555c                         | 72.04 | 49.83 | 2.39  | 0.5797 | 0.4009 | 0.0192 | 6.9             | 37 588                          | 17 486                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 69.41 | 45.75 | 2.38  | 0.5905 | 0.3892 | 0.0202 | 3.4             | 38 591                          | 17 487                          |      |  |  |
| 33 568                                                                                                                           | 0 405                           | 72.36 | 47.41 | 6.83  | 0.5715 | 0.3744 | 0.054  | 359.3           | 38 594                          | 17 488                          | Rm   |  |  |
| 33 568                                                                                                                           | 7 435                           | 74.82 | 47.12 | 20.46 | 0.5254 | 0.3308 | 0.1437 | 342.6           | -1 493c                         | 18 493                          |      |  |  |
| 33 569                                                                                                                           | 10 450                          | 76.8  | 46.66 | 33.78 | 0.4884 | 0.2967 | 0.2148 | 323.6           | -1 499c                         | 19 499                          |      |  |  |
| 34 570                                                                                                                           | 12 460                          | 78.12 | 46.71 | 42.77 | 0.4661 | 0.2786 | 0.2551 | 311.4           | -1 507c                         | 21 507                          |      |  |  |
| 34 571                                                                                                                           | 13 465                          | 78.03 | 46.16 | 46.77 | 0.4564 | 0.2699 | 0.2735 | 305.7           | -1 512c                         | 22 512                          |      |  |  |
| 34 572                                                                                                                           | 14 470                          | 77.41 | 45.24 | 50.17 | 0.4478 | 0.2617 | 0.2903 | 300.6           | -1 519c                         | 23 519                          | Mm   |  |  |
| 34 574                                                                                                                           | 14 475                          | 75.62 | 43.29 | 50.17 | 0.4472 | 0.256  | 0.2967 | 299.2           | -1 522c                         | 24 522                          |      |  |  |
| 35 578                                                                                                                           | 15 480                          | 73.28 | 41.14 | 52.95 | 0.4378 | 0.2458 | 0.3163 | 293.9           | -1 531c                         | 26 531                          |      |  |  |
| 37 585                                                                                                                           | 17 485                          | 68.65 | 37.88 | 56.85 | 0.4201 | 0.2318 | 0.3479 | 285.5           | -1 543c                         | 28 543                          |      |  |  |
| 40 600                                                                                                                           | 17 490                          | 54.09 | 28.26 | 56.84 | 0.3886 | 0.203  | 0.4083 | 272.8           | -1 554c                         | 30 554                          |      |  |  |
| -1 495c                                                                                                                          | 19 495                          | 19.03 | 14.42 | 59.19 | 0.2054 | 0.1556 | 0.6388 | 231.6           | 12 464                          | 34 571                          | min  |  |  |
| -1 500c                                                                                                                          | 20 500                          | 19.04 | 15.66 | 60.01 | 0.2011 | 0.1653 | 0.6335 | 229.7           | 13 467                          | 34 571                          |      |  |  |
| -1 509c                                                                                                                          | 21 510                          | 19.06 | 17.23 | 60.65 | 0.1966 | 0.1777 | 0.6255 | 227.3           | 13 469                          | 34 572                          |      |  |  |
| -1 520c                                                                                                                          | 24 520                          | 19.62 | 24.32 | 61.71 | 0.1857 | 0.2302 | 0.584  | 216.9           | 15 476                          | 35 575                          | Bm   |  |  |
| -1 530c                                                                                                                          | 26 530                          | 20.87 | 30.78 | 62.03 | 0.1836 | 0.2707 | 0.5456 | 208.3           | 16 480                          | 35 578                          |      |  |  |
| -1 539c                                                                                                                          | 27 540                          | 21.87 | 34.38 | 62.13 | 0.1847 | 0.2904 | 0.5248 | 203.7           | 16 481                          | 36 580                          |      |  |  |
| -1 545c                                                                                                                          | 29 545                          | 24.72 | 42.08 | 62.24 | 0.1915 | 0.3261 | 0.4823 | 194.9           | 16 484                          | 36 584                          |      |  |  |
| -1 549c                                                                                                                          | 29 550                          | 24.72 | 42.08 | 62.24 | 0.1915 | 0.3261 | 0.4823 | 194.9           | 16 484                          | 36 584                          |      |  |  |
| -1 555c                                                                                                                          | 31 555                          | 28.88 | 50.16 | 62.29 | 0.2043 | 0.3549 | 0.4407 | 186.9           | 17 486                          | 37 588                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 31.51 | 54.24 | 62.3  | 0.2128 | 0.3663 | 0.4208 | 183.4           | 17 487                          | 38 591                          |      |  |  |
| W0 380                                                                                                                           | 770                             | 90.83 | 90.0  | 58.22 | 0.3799 | 0.3764 | 0.2435 | 0.0             |                                 |                                 |      |  |  |
| N0 380                                                                                                                           | 770                             | 3.63  | 3.6   | 2.32  | 0.3799 | 0.3764 | 0.2435 | 0.0             |                                 |                                 |      |  |  |

AEV70-7N

TUB-test chart AEV7; Hue circle of the *Ostwald* optimal colours with Y values, Y<sub>N</sub>=0,0, Y<sub>W</sub>=90  
Data: XYZ and YABC<sub>AB</sub>h<sub>AB</sub> as table with different wavelength, P40-02

1-000400-F0

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P40, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |        |        |                 |        |         |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |
| 0 405                                                                                                                            | 33 568                          | 52.58 | -61.26 | -23.82 | 65.73           | 0.543  | -0.4399 | 201.2           | 17 488                          | 38 594                          | Cm   |  |  |
| 7 435                                                                                                                            | 33 568                          | 52.87 | -68.13 | -10.01 | 68.86           | 0.4936 | -0.3344 | 188.3           | 18 493                          | -1 493c                         |      |  |  |
| 10 450                                                                                                                           | 33 569                          | 53.33 | -74.23 | 3.59   | 74.32           | 0.4523 | -0.2317 | 177.2           | 19 499                          | -1 499c                         |      |  |  |
| 12 460                                                                                                                           | 34 570                          | 53.28 | -77.42 | 12.55  | 78.43           | 0.4278 | -0.1644 | 170.7           | 21 507                          | -1 507c                         |      |  |  |
| 13 465                                                                                                                           | 34 571                          | 53.83 | -78.58 | 16.9   | 80.38           | 0.4251 | -0.133  | 167.8           | 22 512                          | -1 512c                         |      |  |  |
| 14 470                                                                                                                           | 34 572                          | 54.75 | -79.33 | 20.89  | 82.04           | 0.4294 | -0.106  | 165.2           | 23 519                          | -1 519c                         | Gm   |  |  |
| 14 475                                                                                                                           | 34 574                          | 56.7  | -79.77 | 22.15  | 82.78           | 0.4463 | -0.1023 | 164.4           | 24 522                          | -1 522c                         |      |  |  |
| 15 480                                                                                                                           | 35 578                          | 58.85 | -79.36 | 26.33  | 83.62           | 0.4696 | -0.0797 | 161.6           | 26 531                          | -1 531c                         |      |  |  |
| 17 485                                                                                                                           | 37 585                          | 62.11 | -76.01 | 32.33  | 82.61           | 0.5194 | -0.0504 | 156.9           | 28 543                          | -1 543c                         |      |  |  |
| 17 490                                                                                                                           | 40 600                          | 71.73 | -63.89 | 38.54  | 74.62           | 0.6527 | -0.0437 | 148.8           | 30 554                          | -1 554c                         |      |  |  |
| 19 495                                                                                                                           | -1 495c                         | 85.57 | -11.18 | 49.84  | 51.08           | 0.9567 | -0.0256 | 102.6           | 34 571                          | 12 464                          | max  |  |  |
| 20 500                                                                                                                           | -1 500c                         | 84.33 | -8.08  | 49.86  | 50.51           | 0.9706 | -0.0221 | 99.2            | 34 571                          | 13 467                          |      |  |  |
| 21 510                                                                                                                           | -1 509c                         | 82.76 | -4.16  | 49.48  | 49.66           | 0.9889 | -0.0195 | 94.8            | 34 572                          | 13 469                          |      |  |  |
| 24 520                                                                                                                           | -1 520c                         | 75.67 | 12.33  | 45.96  | 47.59           | 1.0742 | -0.0157 | 74.9            | 35 575                          | 15 476                          | Ym   |  |  |
| 26 530                                                                                                                           | -1 530c                         | 69.21 | 25.48  | 42.11  | 49.22           | 1.1562 | -0.0153 | 58.8            | 35 578                          | 16 480                          |      |  |  |
| 27 540                                                                                                                           | -1 539c                         | 65.61 | 32.07  | 39.88  | 51.17           | 1.2045 | -0.0155 | 51.1            | 36 580                          | 16 481                          |      |  |  |
| 29 545                                                                                                                           | -1 545c                         | 57.91 | 44.38  | 35.0   | 56.53           | 1.3156 | -0.0168 | 38.2            | 36 584                          | 16 484                          |      |  |  |
| 29 550                                                                                                                           | -1 549c                         | 57.91 | 44.38  | 35.0   | 56.53           | 1.3156 | -0.0168 | 38.2            | 36 584                          | 16 484                          |      |  |  |
| 31 555                                                                                                                           | -1 555c                         | 49.83 | 54.37  | 29.82  | 62.01           | 1.4455 | -0.0192 | 28.7            | 37 588                          | 17 486                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 45.75 | 58.08  | 27.2   | 64.13           | 1.5168 | -0.0208 | 25.0            | 38 591                          | 17 487                          |      |  |  |
| 33 568                                                                                                                           | 0 405                           | 47.41 | 61.26  | 23.82  | 65.73           | 1.5259 | -0.0576 | 21.2            | 38 594                          | 17 488                          | Rm   |  |  |
| 33 568                                                                                                                           | 7 435                           | 47.12 | 68.13  | 10.01  | 68.86           | 1.5873 | -0.1736 | 8.3             | -1 493c                         | 18 493                          |      |  |  |
| 33 569                                                                                                                           | 10 450                          | 46.66 | 74.22  | -3.59  | 74.31           | 1.6453 | -0.2894 | 357.2           | -1 499c                         | 19 499                          |      |  |  |
| 34 570                                                                                                                           | 12 460                          | 46.71 | 77.4   | -12.54 | 78.41           | 1.6719 | -0.3661 | 350.7           | -1 507c                         | 21 507                          |      |  |  |
| 34 571                                                                                                                           | 13 465                          | 46.16 | 78.57  | -16.9  | 80.37           | 1.6899 | -0.4051 | 347.8           | -1 512c                         | 22 512                          |      |  |  |
| 34 572                                                                                                                           | 14 470                          | 45.24 | 79.32  | -20.89 | 82.02           | 1.7102 | -0.4434 | 345.2           | -1 519c                         | 23 519                          | Mm   |  |  |
| 34 574                                                                                                                           | 14 475                          | 43.29 | 79.75  | -22.15 | 82.77           | 1.7458 | -0.4633 | 344.4           | -1 522c                         | 24 522                          |      |  |  |
| 35 578                                                                                                                           | 15 480                          | 41.14 | 79.34  | -26.32 | 83.6            | 1.7805 | -0.5146 | 341.6           | -1 531c                         | 26 531                          |      |  |  |
| 37 585                                                                                                                           | 17 485                          | 37.88 | 75.99  | -32.32 | 82.58           | 1.8114 | -0.5999 | 336.9           | -1 543c                         | 28 543                          |      |  |  |
| 40 600                                                                                                                           | 17 490                          | 28.26 | 63.87  | -38.53 | 74.59           | 1.913  | -0.804  | 328.8           | -1 554c                         | 30 554                          |      |  |  |
| -1 495c                                                                                                                          | 19 495                          | 14.42 | 11.17  | -49.82 | 51.06           | 1.3189 | -1.6404 | 282.6           | 12 464                          | 34 571                          | min  |  |  |
| -1 500c                                                                                                                          | 20 500                          | 15.66 | 8.08   | -49.84 | 50.49           | 1.2155 | -1.5316 | 279.2           | 13 467                          | 34 571                          |      |  |  |
| -1 509c                                                                                                                          | 21 510                          | 17.23 | 4.16   | -49.46 | 49.64           | 1.1056 | -1.4065 | 274.8           | 13 469                          | 34 572                          |      |  |  |
| -1 520c                                                                                                                          | 24 520                          | 24.32 | -12.33 | -45.95 | 47.58           | 0.8062 | -1.0143 | 254.9           | 15 476                          | 35 575                          | Bm   |  |  |
| -1 530c                                                                                                                          | 26 530                          | 30.78 | -25.47 | -42.1  | 49.21           | 0.6779 | -0.8058 | 238.8           | 16 480                          | 35 578                          |      |  |  |
| -1 539c                                                                                                                          | 27 540                          | 34.38 | -32.07 | -39.87 | 51.17           | 0.6359 | -0.7225 | 231.1           | 16 481                          | 36 580                          |      |  |  |
| -1 545c                                                                                                                          | 29 545                          | 42.08 | -44.38 | -35.0  | 56.52           | 0.5871 | -0.5913 | 218.2           | 16 484                          | 36 584                          |      |  |  |
| -1 549c                                                                                                                          | 29 550                          | 42.08 | -44.38 | -35.0  | 56.52           | 0.5871 | -0.5913 | 218.2           | 16 484                          | 36 584                          |      |  |  |
| -1 555c                                                                                                                          | 31 555                          | 50.16 | -54.37 | -29.82 | 62.01           | 0.5755 | -0.4965 | 208.7           | 17 486                          | 37 588                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 54.24 | -58.08 | -27.2  | 64.13           | 0.5807 | -0.4593 | 205.0           | 17 487                          | 38 591                          |      |  |  |
| W0 380                                                                                                                           | 770                             | 90.0  | 0.0    | 0.0    | 0.0             | 1.009  | -0.2586 | 0.0             | B <sub>c</sub> =1,000           |                                 |      |  |  |
| N0 380                                                                                                                           | 770                             | 3.6   | 0.0    | 0.0    | 0.0             | 1.009  | -0.2586 | 0.0             | x <sub>c</sub> =0,000           |                                 |      |  |  |

AEV71-7N

TUB registration: 20201101-AEV7/AEV7L0NA.TXT /.PS  
application for evaluation and measurement of display or print output

TUB material: code=rha4ta



see similar files: <http://farbe.li-tu-berlin.de/AEV7/AEV7.HTM>  
technical information: <http://farbe.li-tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P35, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |       |       |        |        |        |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|-------|-------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | 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> | Code |  |  |
| 1 405                                                                                                                            | 34 570                          | 27.62 | 51.69 | 46.71 | 0.2192 | 0.4101 | 0.3706 | 173.9           | 18 490                          | 39 596                          | Cm   |  |  |
| 7 435                                                                                                                            | 34 570                          | 25.87 | 51.92 | 36.64 | 0.226  | 0.4537 | 0.3202 | 160.5           | 18 494                          | 47 638                          |      |  |  |
| 9 450                                                                                                                            | 34 571                          | 25.05 | 52.37 | 29.76 | 0.2337 | 0.4886 | 0.2776 | 150.1           | 19 498                          | -1 498c                         |      |  |  |
| 12 460                                                                                                                           | 34 572                          | 23.75 | 52.73 | 18.76 | 0.2493 | 0.5535 | 0.197  | 133.5           | 21 507                          | -1 507c                         |      |  |  |
| 12 465                                                                                                                           | 34 572                          | 24.35 | 53.37 | 18.76 | 0.2523 | 0.5531 | 0.1945 | 133.1           | 21 508                          | -1 508c                         |      |  |  |
| 14 470                                                                                                                           | 34 573                          | 24.31 | 53.91 | 12.58 | 0.2677 | 0.5936 | 0.1385 | 123.9           | 23 519                          | -1 519c                         | Gm   |  |  |
| 14 475                                                                                                                           | 35 575                          | 25.22 | 54.86 | 12.58 | 0.2721 | 0.592  | 0.1358 | 123.3           | 24 520                          | -1 520c                         |      |  |  |
| 15 480                                                                                                                           | 35 578                          | 27.58 | 57.07 | 10.22 | 0.2907 | 0.6015 | 0.1077 | 118.3           | 26 530                          | -1 530c                         |      |  |  |
| 17 485                                                                                                                           | 36 583                          | 31.53 | 59.83 | 6.85  | 0.321  | 0.6091 | 0.0698 | 110.9           | 28 542                          | -1 542c                         |      |  |  |
| 18 490                                                                                                                           | 38 593                          | 41.34 | 66.26 | 5.7   | 0.3648 | 0.5847 | 0.0503 | 101.5           | 30 552                          | -1 552c                         |      |  |  |
| 19 495                                                                                                                           | 52 661                          | 83.92 | 85.38 | 4.8   | 0.482  | 0.4903 | 0.0275 | 52.2            | 34 572                          | 12 460                          | max  |  |  |
| 20 500                                                                                                                           | -1 500c                         | 86.17 | 85.09 | 4.06  | 0.4914 | 0.4853 | 0.0231 | 47.5            | 34 573                          | 13 468                          |      |  |  |
| 22 510                                                                                                                           | -1 510c                         | 86.09 | 81.87 | 3.05  | 0.5034 | 0.4787 | 0.0178 | 41.7            | 34 574                          | 14 473                          |      |  |  |
| 23 520                                                                                                                           | -1 519c                         | 85.94 | 79.68 | 2.73  | 0.5104 | 0.4732 | 0.0162 | 38.0            | 35 576                          | 15 475                          | Ym   |  |  |
| 26 530                                                                                                                           | -1 530c                         | 84.45 | 71.0  | 2.2   | 0.5356 | 0.4503 | 0.0139 | 24.5            | 35 579                          | 16 481                          |      |  |  |
| 27 540                                                                                                                           | -1 539c                         | 83.5  | 67.55 | 2.11  | 0.5451 | 0.441  | 0.0137 | 19.8            | 36 581                          | 16 483                          |      |  |  |
| 29 545                                                                                                                           | -1 545c                         | 80.73 | 60.08 | 2.0   | 0.5652 | 0.4206 | 0.014  | 10.6            | 37 585                          | 17 486                          |      |  |  |
| 29 550                                                                                                                           | -1 549c                         | 80.73 | 60.08 | 2.0   | 0.5652 | 0.4206 | 0.014  | 10.6            | 37 585                          | 17 486                          |      |  |  |
| 31 555                                                                                                                           | -1 555c                         | 76.62 | 52.1  | 1.95  | 0.5863 | 0.3986 | 0.0149 | 2.5             | 37 589                          | 17 488                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 73.99 | 48.02 | 1.94  | 0.5968 | 0.3874 | 0.0156 | 359.0           | 38 591                          | 17 489                          |      |  |  |
| 34 570                                                                                                                           | 1 405                           | 76.03 | 48.3  | 5.71  | 0.5846 | 0.3714 | 0.0439 | 353.9           | 39 596                          | 18 490                          | Rm   |  |  |
| 34 570                                                                                                                           | 7 435                           | 77.79 | 48.07 | 15.78 | 0.5491 | 0.3393 | 0.1114 | 340.5           | 47 638                          | 18 494                          |      |  |  |
| 34 571                                                                                                                           | 9 450                           | 78.61 | 47.62 | 22.67 | 0.5279 | 0.3198 | 0.1522 | 330.1           | -1 498c                         | 19 498                          |      |  |  |
| 34 572                                                                                                                           | 12 460                          | 79.91 | 47.26 | 33.66 | 0.4968 | 0.2938 | 0.2093 | 313.6           | -1 507c                         | 21 507                          |      |  |  |
| 34 572                                                                                                                           | 12 465                          | 79.31 | 46.62 | 33.66 | 0.4969 | 0.2921 | 0.2109 | 313.1           | -1 508c                         | 21 508                          |      |  |  |
| 34 573                                                                                                                           | 14 470                          | 79.35 | 46.08 | 39.84 | 0.48   | 0.2788 | 0.241  | 304.0           | -1 519c                         | 23 519                          | Mm   |  |  |
| 35 575                                                                                                                           | 14 475                          | 78.44 | 45.13 | 39.84 | 0.4799 | 0.2761 | 0.2438 | 303.3           | -1 520c                         | 24 520                          |      |  |  |
| 35 578                                                                                                                           | 15 480                          | 76.08 | 42.92 | 42.2  | 0.4719 | 0.2662 | 0.2617 | 298.4           | -1 530c                         | 26 530                          |      |  |  |
| 36 583                                                                                                                           | 17 485                          | 72.13 | 40.16 | 45.57 | 0.4569 | 0.2543 | 0.2886 | 290.9           | -1 542c                         | 28 542                          |      |  |  |
| 38 593                                                                                                                           | 18 490                          | 62.31 | 33.73 | 46.72 | 0.4364 | 0.2362 | 0.3272 | 281.6           | -1 552c                         | 30 552                          |      |  |  |
| 52 661                                                                                                                           | 19 495                          | 19.74 | 14.61 | 47.63 | 0.2407 | 0.1782 | 0.5809 | 232.3           | 12 460                          | 34 572                          | min  |  |  |
| -1 500c                                                                                                                          | 20 500                          | 17.48 | 14.9  | 48.36 | 0.2165 | 0.1845 | 0.5989 | 227.5           | 13 468                          | 34 573                          |      |  |  |
| -1 510c                                                                                                                          | 22 510                          | 17.56 | 18.12 | 49.37 | 0.2065 | 0.213  | 0.5804 | 221.8           | 14 473                          | 34 574                          |      |  |  |
| -1 519c                                                                                                                          | 23 520                          | 17.72 | 20.31 | 49.69 | 0.202  | 0.2315 | 0.5664 | 218.0           | 15 475                          | 35 576                          | Bm   |  |  |
| -1 530c                                                                                                                          | 26 530                          | 19.2  | 28.99 | 50.22 | 0.1951 | 0.2945 | 0.5103 | 204.5           | 16 481                          | 35 579                          |      |  |  |
| -1 539c                                                                                                                          | 27 540                          | 20.16 | 32.44 | 50.32 | 0.1958 | 0.3151 | 0.4889 | 199.8           | 16 483                          | 36 581                          |      |  |  |
| -1 545c                                                                                                                          | 29 545                          | 22.92 | 39.91 | 50.42 | 0.2024 | 0.3524 | 0.4451 | 190.6           | 17 486                          | 37 585                          |      |  |  |
| -1 549c                                                                                                                          | 29 550                          | 22.92 | 39.91 | 50.42 | 0.2024 | 0.3524 | 0.4451 | 190.6           | 17 486                          | 37 585                          |      |  |  |
| -1 555c                                                                                                                          | 31 555                          | 27.03 | 47.89 | 50.47 | 0.2156 | 0.3819 | 0.4024 | 182.5           | 17 488                          | 37 589                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 29.66 | 51.97 | 50.48 | 0.2245 | 0.3933 | 0.3821 | 179.0           | 17 489                          | 38 591                          |      |  |  |
| W0                                                                                                                               | 380 770                         | 93.3  | 89.99 | 47.19 | 0.4047 | 0.3904 | 0.2047 | 0.0             |                                 |                                 |      |  |  |
| N0                                                                                                                               | 380 770                         | 3.73  | 3.59  | 1.88  | 0.4047 | 0.3904 | 0.2047 | 0.0             |                                 |                                 |      |  |  |

AEV70-7N

TUB-test chart AEV7; Hue circle of the *Ostwald* optimal colours with Y values, Y<sub>N</sub>=0,0, Y<sub>W</sub>=90  
Data: XYZ and YABC<sub>AB</sub>h<sub>AB</sub> as table with different wavelength, P35-02

1-000500-F0

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P35, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |        |        |                 |        |         |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |
| 1 405                                                                                                                            | 34 570                          | 51.69 | -64.87 | -19.6  | 67.77           | 0.5343 | -0.3614 | 196.8           | 18 490                          | 39 596                          | Cm   |  |  |
| 7 435                                                                                                                            | 34 570                          | 51.92 | -69.87 | -9.41  | 70.5            | 0.4981 | -0.2822 | 187.6           | 18 494                          | 47 638                          |      |  |  |
| 9 450                                                                                                                            | 34 571                          | 52.37 | -73.08 | -2.3   | 73.11           | 0.4782 | -0.2272 | 181.8           | 19 498                          | -1 498c                         |      |  |  |
| 12 460                                                                                                                           | 34 572                          | 52.73 | -77.25 | 8.87   | 77.75           | 0.4504 | -0.1423 | 173.4           | 21 507                          | -1 507c                         |      |  |  |
| 12 465                                                                                                                           | 34 572                          | 53.37 | -77.43 | 9.21   | 77.98           | 0.4561 | -0.1406 | 173.2           | 21 508                          | -1 508c                         |      |  |  |
| 14 470                                                                                                                           | 34 573                          | 53.91 | -78.91 | 15.68  | 80.46           | 0.4509 | -0.0933 | 168.7           | 23 519                          | -1 519c                         | Gm   |  |  |
| 14 475                                                                                                                           | 35 575                          | 54.86 | -79.1  | 16.17  | 80.74           | 0.4596 | -0.0917 | 168.4           | 24 520                          | -1 520c                         |      |  |  |
| 15 480                                                                                                                           | 35 578                          | 57.07 | -78.92 | 19.69  | 81.34           | 0.4832 | -0.0716 | 165.9           | 26 530                          | -1 530c                         |      |  |  |
| 17 485                                                                                                                           | 36 583                          | 59.83 | -76.21 | 24.51  | 80.06           | 0.5269 | -0.0458 | 162.1           | 28 542                          | -1 542c                         |      |  |  |
| 18 490                                                                                                                           | 38 593                          | 66.26 | -68.33 | 29.02  | 74.24           | 0.6239 | -0.0344 | 156.9           | 30 552                          | -1 552c                         |      |  |  |
| 19 495                                                                                                                           | 52 661                          | 85.38 | -11.45 | 39.95  | 41.56           | 0.9827 | -0.0224 | 105.9           | 34 572                          | 12 460                          | max  |  |  |
| 20 500                                                                                                                           | -1 500c                         | 85.09 | -5.08  | 40.54  | 40.85           | 1.0125 | -0.0191 | 97.1            | 34 573                          | 13 468                          |      |  |  |
| 22 510                                                                                                                           | -1 510c                         | 81.87 | 3.06   | 39.86  | 39.98           | 1.0513 | -0.0149 | 85.6            | 34 574                          | 14 473                          |      |  |  |
| 23 520                                                                                                                           | -1 519c                         | 79.68 | 8.35   | 39.03  | 39.91           | 1.0783 | -0.0137 | 77.9            | 35 576                          | 15 475                          | Ym   |  |  |
| 26 530                                                                                                                           | -1 530c                         | 71.0  | 27.11  | 35.01  | 44.28           | 1.1891 | -0.0124 | 52.2            | 35 579                          | 16 481                          |      |  |  |
| 27 540                                                                                                                           | -1 539c                         | 67.55 | 33.66  | 33.3   | 47.35           | 1.2357 | -0.0125 | 44.6            | 36 581                          | 16 483                          |      |  |  |
| 29 545                                                                                                                           | -1 545c                         | 60.08 | 46.12  | 29.48  | 54.74           | 1.3435 | -0.0133 | 32.5            | 37 585                          | 17 486                          |      |  |  |
| 29 550                                                                                                                           | -1 549c                         | 60.08 | 46.12  | 29.48  | 54.74           | 1.3435 | -0.0133 | 32.5            | 37 585                          | 17 486                          |      |  |  |
| 31 555                                                                                                                           | -1 555c                         | 52.1  | 56.52  | 25.35  | 61.95           | 1.4703 | -0.015  | 24.1            | 37 589                          | 17 488                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 48.02 | 60.5   | 23.23  | 64.81           | 1.5403 | -0.0161 | 21.0            | 38 591                          | 17 489                          |      |  |  |
| 34 570                                                                                                                           | 1 405                           | 48.3  | 64.87  | 19.6   | 67.77           | 1.5735 | -0.0473 | 16.8            | 39 596                          | 18 490                          | Rm   |  |  |
| 34 570                                                                                                                           | 7 435                           | 48.07 | 69.86  | 9.41   | 70.49           | 1.6176 | -0.1313 | 7.6             | 47 638                          | 18 494                          |      |  |  |
| 34 571                                                                                                                           | 9 450                           | 47.62 | 73.07  | 2.3    | 73.11           | 1.6501 | -0.1903 | 1.8             | -1 498c                         | 19 498                          |      |  |  |
| 34 572                                                                                                                           | 12 460                          | 47.26 | 77.23  | -8.87  | 77.74           | 1.69   | -0.2847 | 353.4           | -1 507c                         | 21 507                          |      |  |  |
| 34 572                                                                                                                           | 12 465                          | 46.62 | 77.42  | -9.21  | 77.97           | 1.7006 | -0.2887 | 353.2           | -1 508c                         | 21 508                          |      |  |  |
| 34 573                                                                                                                           | 14 470                          | 46.08 | 78.9   | -15.67 | 80.44           | 1.7213 | -0.3457 | 348.7           | -1 519c                         | 23 519                          | Mm   |  |  |
| 35 575                                                                                                                           | 14 475                          | 45.13 | 79.09  | -16.17 | 80.72           | 1.7373 | -0.353  | 348.4           | -1 520c                         | 24 520                          |      |  |  |
| 35 578                                                                                                                           | 15 480                          | 42.92 | 78.9   | -19.68 | 81.32           | 1.7716 | -0.3931 | 345.9           | -1 530c                         | 26 530                          |      |  |  |
| 36 583                                                                                                                           | 17 485                          | 40.16 | 76.19  | -24.5  | 80.04           | 1.7953 | -0.4537 | 342.1           | -1 542c                         | 28 542                          |      |  |  |
| 38 593                                                                                                                           | 18 490                          | 33.73 | 68.31  | -29.02 | 74.22           | 1.8463 | -0.5537 | 336.9           | -1 552c                         | 30 552                          |      |  |  |
| 52 661                                                                                                                           | 19 495                          | 14.61 | 11.44  | -39.94 | 41.55           | 1.3497 | -1.3026 | 285.9           | 12 460                          | 34 572                          | min  |  |  |
| -1 500c                                                                                                                          | 20 500                          | 14.9  | 5.08   | -40.52 | 40.84           | 1.1728 | -1.2974 | 277.1           | 13 468                          | 34 573                          |      |  |  |
| -1 510c                                                                                                                          | 22 510                          | 18.12 | -3.06  | -39.85 | 39.97           | 0.9687 | -1.0891 | 265.6           | 14 473                          | 34 574                          |      |  |  |
| -1 519c                                                                                                                          | 23 520                          | 20.31 | -8.35  | -39.02 | 39.9            | 0.8718 | -0.9778 | 257.9           | 15 475                          | 35 576                          | Bm   |  |  |
| -1 530c                                                                                                                          | 26 530                          | 28.99 | -27.11 | -35.01 | 44.28           | 0.6623 | -0.6927 | 232.2           | 16 481                          | 35 579                          |      |  |  |
| -1 539c                                                                                                                          | 27 540                          | 32.44 | -33.66 | -33.29 | 47.35           | 0.6213 | -0.6202 | 224.6           | 16 483                          | 36 581                          |      |  |  |
| -1 545c                                                                                                                          | 29 545                          | 39.91 | -46.12 | -29.48 | 54.74           | 0.5742 | -0.5051 | 212.5           | 17 486                          | 37 585                          |      |  |  |
| -1 549c                                                                                                                          | 29 550                          | 39.91 | -46.12 | -29.48 | 54.74           | 0.5742 | -0.5051 | 212.5           | 17 486                          | 37 585                          |      |  |  |
| -1 555c                                                                                                                          | 31 555                          | 47.89 | -56.52 | -25.35 | 61.95           | 0.5643 | -0.4214 | 204.1           | 17 488                          | 37 589                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 51.97 | -60.5  | -23.23 | 64.81           | 0.5707 | -0.3884 | 201.0           | 17 489                          | 38 591                          |      |  |  |
| W0                                                                                                                               | 380 770                         | 89.99 | 0.0    | 0.0    | 0.0             | 1.0364 | -0.2096 | 0.0             | B <sub>c</sub> =1,000           |                                 |      |  |  |
| N0                                                                                                                               | 380 770                         | 3.59  | 0.0    | 0.0    | 0.0             | 1.0364 | -0.2096 | 0.0             | x <sub>c</sub> =0,000           |                                 |      |  |  |

AEV71-7N

TUB registration: 20201101-AEV7/AEV7L0NA.TXT /.PS  
application for evaluation and measurement of display or print output

TUB material: code=rha4ta

see similar files: <http://farbe.li-tu-berlin.de/AEV7/AEV7.HTM>  
technical information: <http://farbe.li-tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P30, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |       |       |        |        |        |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|-------|-------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | 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> | Code |  |  |
| 0 405                                                                                                                            | 34 573                          | 27.84 | 51.22 | 35.42 | 0.2432 | 0.4474 | 0.3093 | 167.2           | 18 493                          | 39 598                          | Cm   |  |  |
| 6 435                                                                                                                            | 34 573                          | 27.06 | 51.43 | 30.55 | 0.2482 | 0.4716 | 0.2801 | 160.1           | 19 495                          | 42 612                          |      |  |  |
| 10 450                                                                                                                           | 34 573                          | 25.56 | 51.68 | 20.74 | 0.2608 | 0.5273 | 0.2117 | 144.8           | 20 502                          | -1 502c                         |      |  |  |
| 12 460                                                                                                                           | 34 574                          | 25.09 | 52.01 | 15.19 | 0.2718 | 0.5635 | 0.1646 | 135.8           | 21 508                          | -1 508c                         |      |  |  |
| 13 465                                                                                                                           | 34 574                          | 25.13 | 52.35 | 12.61 | 0.2789 | 0.581  | 0.14   | 131.6           | 22 512                          | -1 512c                         |      |  |  |
| 14 470                                                                                                                           | 35 575                          | 24.95 | 52.26 | 10.36 | 0.2848 | 0.5967 | 0.1183 | 128.1           | 23 518                          | -1 518c                         | Gm   |  |  |
| 15 475                                                                                                                           | 35 576                          | 25.93 | 53.17 | 8.48  | 0.2961 | 0.607  | 0.0968 | 124.5           | 25 525                          | -1 525c                         |      |  |  |
| 16 480                                                                                                                           | 35 579                          | 27.78 | 54.74 | 6.95  | 0.3104 | 0.6118 | 0.0776 | 121.1           | 26 533                          | -1 533c                         |      |  |  |
| 17 485                                                                                                                           | 36 582                          | 30.65 | 56.86 | 5.73  | 0.3286 | 0.6098 | 0.0615 | 117.5           | 28 540                          | -1 540c                         |      |  |  |
| 18 490                                                                                                                           | 37 589                          | 37.25 | 61.42 | 4.77  | 0.36   | 0.5937 | 0.0461 | 111.8           | 29 549                          | -1 549c                         |      |  |  |
| 19 495                                                                                                                           | 41 606                          | 54.51 | 71.0  | 4.0   | 0.4208 | 0.5481 | 0.0309 | 96.0            | 32 561                          | -1 561c                         |      |  |  |
| 20 500                                                                                                                           | -1 500c                         | 92.01 | 85.97 | 3.38  | 0.5073 | 0.474  | 0.0186 | 44.6            | 35 575                          | 13 469                          | max  |  |  |
| 21 510                                                                                                                           | -1 509c                         | 91.99 | 84.73 | 2.88  | 0.5122 | 0.4717 | 0.016  | 41.7            | 35 576                          | 14 472                          |      |  |  |
| 24 520                                                                                                                           | -1 520c                         | 91.53 | 78.86 | 2.01  | 0.5309 | 0.4574 | 0.0116 | 29.4            | 35 578                          | 15 479                          | Ym   |  |  |
| 25 530                                                                                                                           | -1 529c                         | 91.09 | 76.2  | 1.85  | 0.5385 | 0.4505 | 0.0109 | 24.5            | 36 580                          | 16 481                          |      |  |  |
| 28 540                                                                                                                           | -1 540c                         | 88.37 | 66.53 | 1.58  | 0.5647 | 0.4251 | 0.0101 | 9.4             | 36 584                          | 17 486                          |      |  |  |
| 29 545                                                                                                                           | -1 545c                         | 86.89 | 62.86 | 1.54  | 0.5743 | 0.4154 | 0.0102 | 4.7             | 37 586                          | 17 488                          |      |  |  |
| 30 550                                                                                                                           | -1 550c                         | 85.08 | 59.03 | 1.51  | 0.5842 | 0.4053 | 0.0104 | 0.5             | 37 588                          | 17 489                          |      |  |  |
| 31 555                                                                                                                           | -1 555c                         | 82.88 | 55.07 | 1.49  | 0.5943 | 0.3949 | 0.0107 | 356.7           | 38 590                          | 18 490                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 80.27 | 51.03 | 1.48  | 0.6045 | 0.3843 | 0.0111 | 353.3           | 38 592                          | 18 491                          |      |  |  |
| 34 573                                                                                                                           | 0 405                           | 80.19 | 48.77 | 4.13  | 0.6025 | 0.3664 | 0.031  | 347.3           | 39 598                          | 18 493                          | Rm   |  |  |
| 34 573                                                                                                                           | 6 435                           | 80.97 | 48.56 | 9.0   | 0.5844 | 0.3505 | 0.0649 | 340.2           | 42 612                          | 19 495                          |      |  |  |
| 34 573                                                                                                                           | 10 450                          | 82.48 | 48.31 | 18.8  | 0.5513 | 0.3229 | 0.1256 | 324.8           | -1 502c                         | 20 502                          |      |  |  |
| 34 574                                                                                                                           | 12 460                          | 82.94 | 47.98 | 24.35 | 0.5341 | 0.3089 | 0.1568 | 315.8           | -1 508c                         | 21 508                          |      |  |  |
| 34 574                                                                                                                           | 13 465                          | 82.9  | 47.64 | 26.93 | 0.5264 | 0.3025 | 0.171  | 311.6           | -1 512c                         | 22 512                          |      |  |  |
| 35 575                                                                                                                           | 14 470                          | 83.09 | 47.73 | 29.18 | 0.5192 | 0.2983 | 0.1823 | 308.1           | -1 518c                         | 23 518                          | Mm   |  |  |
| 35 576                                                                                                                           | 15 475                          | 82.1  | 46.82 | 31.07 | 0.5131 | 0.2926 | 0.1941 | 304.6           | -1 525c                         | 25 525                          |      |  |  |
| 35 579                                                                                                                           | 16 480                          | 80.26 | 45.25 | 32.59 | 0.5076 | 0.2862 | 0.2061 | 301.2           | -1 533c                         | 26 533                          |      |  |  |
| 36 582                                                                                                                           | 17 485                          | 77.39 | 43.13 | 33.81 | 0.5014 | 0.2794 | 0.219  | 297.6           | -1 540c                         | 28 540                          |      |  |  |
| 37 589                                                                                                                           | 18 490                          | 70.79 | 38.57 | 34.77 | 0.4911 | 0.2675 | 0.2412 | 291.9           | -1 549c                         | 29 549                          |      |  |  |
| 41 606                                                                                                                           | 19 495                          | 53.52 | 28.99 | 35.54 | 0.4533 | 0.2455 | 0.301  | 276.1           | -1 561c                         | 32 561                          |      |  |  |
| -1 500c                                                                                                                          | 20 500                          | 16.02 | 14.02 | 36.16 | 0.242  | 0.2118 | 0.5461 | 224.6           | 13 469                          | 35 575                          | min  |  |  |
| -1 509c                                                                                                                          | 21 510                          | 16.04 | 15.26 | 36.66 | 0.236  | 0.2246 | 0.5393 | 221.8           | 14 472                          | 35 576                          |      |  |  |
| -1 520c                                                                                                                          | 24 520                          | 16.5  | 21.13 | 37.54 | 0.2195 | 0.2811 | 0.4993 | 209.5           | 15 479                          | 35 578                          | Bm   |  |  |
| -1 529c                                                                                                                          | 25 530                          | 16.95 | 23.79 | 37.69 | 0.216  | 0.3033 | 0.4805 | 204.5           | 16 481                          | 36 580                          |      |  |  |
| -1 540c                                                                                                                          | 28 540                          | 19.66 | 33.46 | 37.96 | 0.2158 | 0.3673 | 0.4167 | 189.4           | 17 486                          | 36 584                          |      |  |  |
| -1 545c                                                                                                                          | 29 545                          | 21.14 | 37.13 | 38.0  | 0.2195 | 0.3856 | 0.3947 | 184.8           | 17 488                          | 37 586                          |      |  |  |
| -1 550c                                                                                                                          | 30 550                          | 22.96 | 40.96 | 38.03 | 0.2251 | 0.4017 | 0.373  | 180.5           | 17 489                          | 37 588                          |      |  |  |
| -1 555c                                                                                                                          | 31 555                          | 25.15 | 44.92 | 38.05 | 0.2326 | 0.4154 | 0.3518 | 176.7           | 18 490                          | 38 590                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 27.76 | 48.96 | 38.06 | 0.2418 | 0.4265 | 0.3315 | 173.3           | 18 491                          | 38 592                          |      |  |  |
| W0                                                                                                                               | 380 770                         | 97.23 | 90.0  | 35.59 | 0.4363 | 0.4038 | 0.1597 | 0.0             |                                 |                                 |      |  |  |
| N0                                                                                                                               | 380 770                         | 3.88  | 3.6   | 1.42  | 0.4363 | 0.4038 | 0.1597 | 0.0             |                                 |                                 |      |  |  |

AEV70-7N

TUB-test chart AEV7; Hue circle of the *Ostwald* optimal colours with Y values, Y<sub>N</sub>=0,0, Y<sub>W</sub>=90  
Data: XYZ and YABC<sub>AB</sub>h<sub>AB</sub> as table with different wavelength, P30-02

1-000600-F0

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P30, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |        |        |                 |        |         |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |
| 0 405                                                                                                                            | 34 573                          | 51.22 | -68.72 | -15.15 | 70.38           | 0.5434 | -0.2765 | 192.4           | 18 493                          | 39 598                          | Cm   |  |  |
| 6 435                                                                                                                            | 34 573                          | 51.43 | -71.22 | -10.2  | 71.95           | 0.5261 | -0.2375 | 188.1           | 19 495                          | 42 612                          |      |  |  |
| 10 450                                                                                                                           | 34 573                          | 51.68 | -75.66 | -0.31  | 75.66           | 0.4945 | -0.1605 | 180.2           | 20 502                          | -1 502c                         |      |  |  |
| 12 460                                                                                                                           | 34 574                          | 52.01 | -77.74 | 5.37   | 77.92           | 0.4823 | -0.1168 | 176.0           | 21 508                          | -1 508c                         |      |  |  |
| 13 465                                                                                                                           | 34 574                          | 52.35 | -78.54 | 8.08   | 78.96           | 0.48   | -0.0963 | 174.1           | 22 512                          | -1 512c                         |      |  |  |
| 14 470                                                                                                                           | 35 575                          | 52.26 | -78.76 | 10.29  | 79.43           | 0.4773 | -0.0793 | 172.5           | 23 518                          | -1 518c                         | Gm   |  |  |
| 15 475                                                                                                                           | 35 576                          | 53.17 | -78.75 | 12.54  | 79.74           | 0.4877 | -0.0637 | 170.9           | 25 525                          | -1 525c                         |      |  |  |
| 16 480                                                                                                                           | 35 579                          | 54.74 | -78.39 | 14.69  | 79.76           | 0.5073 | -0.0507 | 169.3           | 26 533                          | -1 533c                         |      |  |  |
| 17 485                                                                                                                           | 36 582                          | 56.86 | -76.94 | 16.75  | 78.74           | 0.5389 | -0.0403 | 167.7           | 28 540                          | -1 540c                         |      |  |  |
| 18 490                                                                                                                           | 37 589                          | 61.42 | -72.77 | 19.51  | 75.34           | 0.6062 | -0.031  | 164.9           | 29 549                          | -1 549c                         |      |  |  |
| 19 495                                                                                                                           | 41 606                          | 71.0  | -55.49 | 24.06  | 60.48           | 0.7675 | -0.0225 | 156.5           | 32 561                          | -1 561c                         |      |  |  |
| 20 500                                                                                                                           | -1 500c                         | 85.97 | -2.17  | 30.6   | 30.68           | 1.07   | -0.0157 | 94.0            | 35 575                          | 13 469                          | max  |  |  |
| 21 510                                                                                                                           | -1 509c                         | 84.73 | 1.13   | 30.62  | 30.64           | 1.0855 | -0.0136 | 87.8            | 35 576                          | 14 472                          |      |  |  |
| 24 520                                                                                                                           | -1 520c                         | 78.86 | 15.82  | 29.17  | 33.18           | 1.1604 | -0.0101 | 61.5            | 35 578                          | 15 479                          | Ym   |  |  |
| 25 530                                                                                                                           | -1 529c                         | 76.2  | 21.89  | 28.28  | 35.76           | 1.195  | -0.0097 | 52.2            | 36 580                          | 16 481                          |      |  |  |
| 28 540                                                                                                                           | -1 540c                         | 66.53 | 41.21  | 24.72  | 48.06           | 1.3279 | -0.0095 | 30.9            | 36 584                          | 17 486                          |      |  |  |
| 29 545                                                                                                                           | -1 545c                         | 62.86 | 47.43  | 23.31  | 52.85           | 1.3819 | -0.0098 | 26.1            | 37 586                          | 17 488                          |      |  |  |
| 30 550                                                                                                                           | -1 550c                         | 59.03 | 53.23  | 21.82  | 57.53           | 1.4408 | -0.0102 | 22.2            | 37 588                          | 17 489                          |      |  |  |
| 31 555                                                                                                                           | -1 555c                         | 55.07 | 58.42  | 20.28  | 61.84           | 1.5045 | -0.0108 | 19.1            | 38 590                          | 18 490                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 51.03 | 62.81  | 18.69  | 65.54           | 1.5725 | -0.0116 | 16.5            | 38 592                          | 18 491                          |      |  |  |
| 34 573                                                                                                                           | 0 405                           | 48.77 | 68.72  | 15.15  | 70.37           | 1.6437 | -0.0338 | 12.4            | 39 598                          | 18 493                          | Rm   |  |  |
| 34 573                                                                                                                           | 6 435                           | 48.56 | 71.22  | 10.2   | 71.95           | 1.6667 | -0.0741 | 8.1             | 42 612                          | 19 495                          |      |  |  |
| 34 573                                                                                                                           | 10 450                          | 48.31 | 75.65  | 0.31   | 75.65           | 1.7064 | -0.1555 | 0.2             | -1 502c                         | 20 502                          |      |  |  |
| 34 574                                                                                                                           | 12 460                          | 47.98 | 77.73  | -5.37  | 77.91           | 1.7281 | -0.2029 | 356.0           | -1 508c                         | 21 508                          |      |  |  |
| 34 574                                                                                                                           | 13 465                          | 47.64 | 78.53  | -8.08  | 78.95           | 1.7395 | -0.226  | 354.1           | -1 512c                         | 22 512                          |      |  |  |
| 35 575                                                                                                                           | 14 470                          | 47.73 | 78.75  | -10.29 | 79.42           | 1.74   | -0.2444 | 352.5           | -1 518c                         | 23 518                          | Mm   |  |  |
| 35 576                                                                                                                           | 15 475                          | 46.82 | 78.73  | -12.54 | 79.73           | 1.7527 | -0.2653 | 350.9           | -1 525c                         | 25 525                          |      |  |  |
| 35 579                                                                                                                           | 16 480                          | 45.25 | 78.37  | -14.69 | 79.74           | 1.7729 | -0.288  | 349.3           | -1 533c                         | 26 533                          |      |  |  |
| 36 582                                                                                                                           | 17 485                          | 43.13 | 76.92  | -16.74 | 78.72           | 1.7935 | -0.3134 | 347.7           | -1 540c                         | 28 540                          |      |  |  |
| 37 589                                                                                                                           | 18 490                          | 38.57 | 72.75  | -19.51 | 75.32           | 1.8346 | -0.3605 | 344.9           | -1 549c                         | 29 549                          |      |  |  |
| 41 606                                                                                                                           | 19 495                          | 28.99 | 55.47  | -24.06 | 60.47           | 1.8456 | -0.4901 | 336.5           | -1 561c                         | 32 561                          |      |  |  |
| -1 500c                                                                                                                          | 20 500                          | 14.02 | 2.17   | -30.6  | 30.67           | 1.1422 | -1.0308 | 274.0           | 13 469                          | 35 575                          | min  |  |  |
| -1 509c                                                                                                                          | 21 510                          | 15.26 | -1.13  | -30.61 | 30.63           | 1.0503 | -0.9601 | 267.8           | 14 472                          | 35 576                          |      |  |  |
| -1 520c                                                                                                                          | 24 520                          | 21.13 | -15.82 | -29.16 | 33.18           | 0.7807 | -0.7102 | 241.5           | 15 479                          | 35 578                          | Bm   |  |  |
| -1 529c                                                                                                                          | 25 530                          | 23.79 | -21.89 | -28.27 | 35.76           | 0.7121 | -0.6335 | 232.2           | 16 481                          | 36 580                          |      |  |  |
| -1 540c                                                                                                                          | 28 540                          | 33.46 | -41.21 | -24.72 | 48.06           | 0.5875 | -0.4536 | 210.9           | 17 486                          | 36 584                          |      |  |  |
| -1 545c                                                                                                                          | 29 545                          | 37.13 | -47.43 | -23.31 | 52.85           | 0.5692 | -0.4092 | 206.1           | 17 488                          | 37 586                          |      |  |  |
| -1 550c                                                                                                                          | 30 550                          | 40.96 | -53.23 | -21.82 | 57.53           | 0.5603 | -0.3712 | 202.2           | 17 489                          | 37 588                          |      |  |  |
| -1 555c                                                                                                                          | 31 555                          | 44.92 | -58.42 | -20.28 | 61.84           | 0.5599 | -0.3387 | 199.1           | 18 490                          | 38 590                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 48.96 | -62.81 | -18.69 | 65.54           | 0.5669 | -0.3109 | 196.5           | 18 491                          | 38 592                          |      |  |  |
| W0                                                                                                                               | 380 770                         | 90.0  | 0.0    | 0.0    | 0.0             | 1.0801 | -0.1581 | 0.0             | B <sub>c</sub> =1,000           |                                 |      |  |  |
| N0                                                                                                                               | 380 770                         | 3.6   | 0.0    | 0.0    | 0.0             | 1.0801 | -0.1581 | 0.0             | x <sub>c</sub> =0,000           |                                 |      |  |  |

AEV71-7N

TUB registration: 20201101-AEV7/AEV7L0NA.TXT /.PS  
application for evaluation and measurement of display or print output

TUB material: code=rha4ta

see similar files: <http://farbe.li-tu-berlin.de/AEV7/AEV7L0NA.TXT> / .PS  
technical information: <http://farbe.li-tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P25, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |        |       |       |        |        |        |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------|-------|-------|--------|--------|--------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | 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> | Code |  |  |
| 1 405                                                                                                                            | 35 576                          | 28.16  | 49.8  | 23.76 | 0.2768 | 0.4895 | 0.2336 | 159.1           | 19 497                          | 40 601                          | Cm   |  |  |
| 6 435                                                                                                                            | 35 576                          | 27.77  | 49.94 | 21.06 | 0.2811 | 0.5055 | 0.2132 | 154.7           | 19 499                          | 42 611                          |      |  |  |
| 10 450                                                                                                                           | 35 577                          | 26.88  | 50.11 | 14.93 | 0.2924 | 0.545  | 0.1624 | 144.4           | 20 504                          | -1 504c                         |      |  |  |
| 11 460                                                                                                                           | 35 577                          | 26.93  | 50.41 | 13.09 | 0.2978 | 0.5573 | 0.1447 | 141.1           | 21 506                          | -1 506c                         |      |  |  |
| 13 465                                                                                                                           | 35 577                          | 26.68  | 50.55 | 9.44  | 0.3078 | 0.5832 | 0.1089 | 134.8           | 22 513                          | -1 513c                         |      |  |  |
| 14 470                                                                                                                           | 35 578                          | 26.98  | 50.92 | 7.85  | 0.3146 | 0.5937 | 0.0916 | 131.9           | 23 518                          | -1 518c                         | Gm   |  |  |
| 15 475                                                                                                                           | 35 579                          | 27.64  | 51.52 | 6.49  | 0.3226 | 0.6014 | 0.0758 | 129.2           | 25 525                          | -1 525c                         |      |  |  |
| 16 480                                                                                                                           | 36 580                          | 28.23  | 51.92 | 5.36  | 0.33   | 0.6071 | 0.0627 | 127.0           | 26 531                          | -1 531c                         |      |  |  |
| 17 485                                                                                                                           | 36 582                          | 30.65  | 53.69 | 4.45  | 0.3452 | 0.6046 | 0.0501 | 124.4           | 27 539                          | -1 539c                         |      |  |  |
| 18 490                                                                                                                           | 37 586                          | 34.43  | 56.27 | 3.71  | 0.3646 | 0.5959 | 0.0393 | 121.4           | 29 546                          | -1 546c                         |      |  |  |
| 18 495                                                                                                                           | 38 594                          | 43.49  | 62.51 | 3.72  | 0.3963 | 0.5696 | 0.0339 | 117.1           | 30 553                          | -1 553c                         |      |  |  |
| 20 500                                                                                                                           | 44 620                          | 72.07  | 75.83 | 2.63  | 0.4787 | 0.5037 | 0.0174 | 88.4            | 34 570                          | -1 570c                         |      |  |  |
| 21 510                                                                                                                           | -1 509c                         | 100.28 | 85.96 | 2.22  | 0.5321 | 0.456  | 0.0118 | 37.2            | 35 578                          | 14 474                          | max  |  |  |
| 24 520                                                                                                                           | -1 520c                         | 99.89  | 81.0  | 1.49  | 0.5476 | 0.4441 | 0.0081 | 23.1            | 36 581                          | 16 481                          | Ym   |  |  |
| 25 530                                                                                                                           | -1 529c                         | 99.5   | 78.68 | 1.35  | 0.5542 | 0.4382 | 0.0075 | 17.5            | 36 582                          | 16 484                          |      |  |  |
| 28 540                                                                                                                           | -1 540c                         | 97.04  | 69.94 | 1.11  | 0.5772 | 0.416  | 0.0066 | 1.4             | 37 586                          | 17 489                          |      |  |  |
| 28 545                                                                                                                           | -1 544c                         | 97.04  | 69.94 | 1.11  | 0.5772 | 0.416  | 0.0066 | 1.4             | 37 586                          | 17 489                          |      |  |  |
| 29 550                                                                                                                           | -1 549c                         | 95.66  | 66.52 | 1.07  | 0.5859 | 0.4074 | 0.0065 | 356.7           | 37 588                          | 18 491                          |      |  |  |
| 30 555                                                                                                                           | -1 554c                         | 93.94  | 62.89 | 1.05  | 0.5949 | 0.3983 | 0.0066 | 352.6           | 37 589                          | 18 492                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 89.27  | 55.14 | 1.01  | 0.6138 | 0.3791 | 0.007  | 345.9           | 38 594                          | 18 494                          |      |  |  |
| 35 576                                                                                                                           | 1 405                           | 87.02  | 50.19 | 2.82  | 0.6213 | 0.3584 | 0.0202 | 339.1           | 40 601                          | 19 497                          | Rm   |  |  |
| 35 576                                                                                                                           | 6 435                           | 87.4   | 50.05 | 5.52  | 0.6112 | 0.35   | 0.0386 | 334.7           | 42 611                          | 19 499                          |      |  |  |
| 35 577                                                                                                                           | 10 450                          | 88.29  | 49.88 | 11.65 | 0.5892 | 0.3329 | 0.0777 | 324.4           | -1 504c                         | 20 504                          |      |  |  |
| 35 577                                                                                                                           | 11 460                          | 88.24  | 49.58 | 13.49 | 0.5831 | 0.3276 | 0.0892 | 321.1           | -1 506c                         | 21 506                          |      |  |  |
| 35 577                                                                                                                           | 13 465                          | 88.49  | 49.44 | 17.14 | 0.5706 | 0.3187 | 0.1105 | 314.8           | -1 513c                         | 22 513                          |      |  |  |
| 35 578                                                                                                                           | 14 470                          | 88.2   | 49.08 | 18.73 | 0.5653 | 0.3145 | 0.12   | 311.9           | -1 518c                         | 23 518                          | Mm   |  |  |
| 35 579                                                                                                                           | 15 475                          | 87.54  | 48.47 | 20.09 | 0.5607 | 0.3104 | 0.1287 | 309.3           | -1 525c                         | 25 525                          |      |  |  |
| 36 580                                                                                                                           | 16 480                          | 86.95  | 48.07 | 21.22 | 0.5564 | 0.3076 | 0.1358 | 307.1           | -1 531c                         | 26 531                          |      |  |  |
| 36 582                                                                                                                           | 17 485                          | 84.52  | 46.3  | 22.13 | 0.5525 | 0.3027 | 0.1447 | 304.5           | -1 539c                         | 27 539                          |      |  |  |
| 37 586                                                                                                                           | 18 490                          | 80.75  | 43.72 | 22.87 | 0.548  | 0.2967 | 0.1552 | 301.5           | -1 546c                         | 29 546                          |      |  |  |
| 38 594                                                                                                                           | 18 495                          | 71.68  | 37.48 | 22.86 | 0.5429 | 0.2838 | 0.1731 | 297.1           | -1 553c                         | 30 553                          |      |  |  |
| 44 620                                                                                                                           | 20 500                          | 43.1   | 24.16 | 23.96 | 0.4724 | 0.2648 | 0.2626 | 268.5           | -1 570c                         | 34 570                          |      |  |  |
| -1 509c                                                                                                                          | 21 510                          | 14.89  | 14.03 | 24.37 | 0.2794 | 0.2633 | 0.4571 | 217.3           | 14 474                          | 35 578                          | min  |  |  |
| -1 520c                                                                                                                          | 24 520                          | 15.29  | 18.99 | 25.1  | 0.2574 | 0.3198 | 0.4226 | 203.1           | 16 481                          | 36 581                          | Bm   |  |  |
| -1 529c                                                                                                                          | 25 530                          | 15.67  | 21.31 | 25.23 | 0.2519 | 0.3425 | 0.4055 | 197.5           | 16 484                          | 36 582                          |      |  |  |
| -1 540c                                                                                                                          | 28 540                          | 18.14  | 30.05 | 25.47 | 0.2462 | 0.4079 | 0.3458 | 181.4           | 17 489                          | 37 586                          |      |  |  |
| -1 544c                                                                                                                          | 28 545                          | 18.14  | 30.05 | 25.47 | 0.2462 | 0.4079 | 0.3458 | 181.4           | 17 489                          | 37 586                          |      |  |  |
| -1 549c                                                                                                                          | 29 550                          | 19.51  | 33.47 | 25.51 | 0.2485 | 0.4263 | 0.325  | 176.7           | 18 491                          | 37 588                          |      |  |  |
| -1 554c                                                                                                                          | 30 555                          | 21.24  | 37.1  | 25.54 | 0.2532 | 0.4423 | 0.3044 | 172.6           | 18 492                          | 37 589                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 25.9   | 44.85 | 25.57 | 0.2689 | 0.4656 | 0.2654 | 165.9           | 18 494                          | 38 594                          |      |  |  |
| W0                                                                                                                               | 380 770                         | 103.66 | 90.0  | 23.93 | 0.4764 | 0.4136 | 0.1099 | 0.0             |                                 |                                 |      |  |  |
| N0                                                                                                                               | 380 770                         | 4.14   | 3.6   | 0.95  | 0.4764 | 0.4136 | 0.1099 | 0.0             |                                 |                                 |      |  |  |

AEV70-7N

TUB-test chart AEV7; Hue circle of the *Ostwald* optimal colours with Y values, Y<sub>N</sub>=0,0, Y<sub>W</sub>=90  
Data: XYZ and YABC<sub>AB</sub>h<sub>AB</sub> as table with different wavelength, P25-02

1-000700-F0

| Ostwald optimal colours (o), maximum (m) C <sub>AB</sub> for P25, Y <sub>N</sub> =0, Y <sub>W</sub> =90, Y <sub>m</sub> =520_770 |                                 |       |        |        |                 |        |         |                 |                                 |                                 |      |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------|--------|--------|-----------------|--------|---------|-----------------|---------------------------------|---------------------------------|------|--|--|
| i <sub>1</sub> , λ <sub>1</sub>                                                                                                  | i <sub>2</sub> , λ <sub>2</sub> | Y     | A      | B      | C <sub>AB</sub> | a      | b       | h <sub>xy</sub> | i <sub>d</sub> , λ <sub>d</sub> | i <sub>c</sub> , λ <sub>c</sub> | Code |  |  |
| 1 405                                                                                                                            | 35 576                          | 49.8  | -72.99 | -10.51 | 73.74           | 0.5653 | -0.1908 | 188.1           | 19 497                          | 40 601                          | Cm   |  |  |
| 6 435                                                                                                                            | 35 576                          | 49.94 | -74.35 | -7.78  | 74.76           | 0.556  | -0.1686 | 185.9           | 19 499                          | 42 611                          |      |  |  |
| 10 450                                                                                                                           | 35 577                          | 50.11 | -77.06 | -1.61  | 77.08           | 0.5364 | -0.1192 | 181.1           | 20 504                          | -1 504c                         |      |  |  |
| 11 460                                                                                                                           | 35 577                          | 50.41 | -77.81 | 0.31   | 77.81           | 0.5342 | -0.1038 | 179.7           | 21 506                          | -1 506c                         |      |  |  |
| 13 465                                                                                                                           | 35 577                          | 50.55 | -78.85 | 3.99   | 78.95           | 0.5276 | -0.0747 | 177.0           | 22 513                          | -1 513c                         |      |  |  |
| 14 470                                                                                                                           | 35 578                          | 50.92 | -79.15 | 5.68   | 79.35           | 0.5297 | -0.0617 | 175.8           | 23 518                          | -1 518c                         | Gm   |  |  |
| 15 475                                                                                                                           | 35 579                          | 51.52 | -79.24 | 7.2    | 79.57           | 0.5363 | -0.0504 | 174.8           | 25 525                          | -1 525c                         |      |  |  |
| 16 480                                                                                                                           | 36 580                          | 51.92 | -78.93 | 8.43   | 79.38           | 0.5435 | -0.0413 | 173.8           | 26 531                          | -1 531c                         |      |  |  |
| 17 485                                                                                                                           | 36 582                          | 53.69 | -77.94 | 9.82   | 78.56           | 0.5708 | -0.0331 | 172.8           | 27 539                          | -1 539c                         |      |  |  |
| 18 490                                                                                                                           | 37 586                          | 56.27 | -75.95 | 11.24  | 76.78           | 0.6116 | -0.0264 | 171.5           | 29 546                          | -1 546c                         |      |  |  |
| 18 495                                                                                                                           | 38 594                          | 62.51 | -71.25 | 12.89  | 72.4            | 0.6956 | -0.0238 | 169.7           | 30 553                          | -1 553c                         |      |  |  |
| 20 500                                                                                                                           | 44 620                          | 75.83 | -38.16 | 17.53  | 41.99           | 0.9502 | -0.0138 | 155.3           | 34 570                          | -1 570c                         |      |  |  |
| 21 510                                                                                                                           | -1 509c                         | 85.96 | 3.19   | 20.63  | 20.87           | 1.1664 | -0.0103 | 81.2            | 35 578                          | 14 474                          | max  |  |  |
| 24 520                                                                                                                           | -1 520c                         | 81.0  | 16.47  | 20.04  | 25.94           | 1.2329 | -0.0073 | 50.5            | 36 581                          | 16 481                          | Ym   |  |  |
| 25 530                                                                                                                           | -1 529c                         | 78.68 | 22.19  | 19.56  | 29.58           | 1.2643 | -0.0068 | 41.4            | 36 582                          | 16 484                          |      |  |  |
| 28 540                                                                                                                           | -1 540c                         | 69.94 | 41.18  | 17.48  | 44.74           | 1.387  | -0.0063 | 22.9            | 37 586                          | 17 489                          |      |  |  |
| 28 545                                                                                                                           | -1 544c                         | 69.94 | 41.18  | 17.48  | 44.74           | 1.387  | -0.0063 | 22.9            | 37 586                          | 17 489                          |      |  |  |
| 29 550                                                                                                                           | -1 549c                         | 66.52 | 47.59  | 16.61  | 50.4            | 1.4377 | -0.0064 | 19.2            | 37 588                          | 18 491                          |      |  |  |
| 30 555                                                                                                                           | -1 554c                         | 62.89 | 53.73  | 15.67  | 55.96           | 1.4932 | -0.0066 | 16.2            | 37 589                          | 18 492                          |      |  |  |
| 32 560                                                                                                                           | -1 560c                         | 55.14 | 64.38  | 13.64  | 65.81           | 1.6186 | -0.0073 | 11.9            | 38 594                          | 18 494                          |      |  |  |
| 35 576                                                                                                                           | 1 405                           | 50.19 | 72.98  | 10.51  | 73.74           | 1.7332 | -0.0225 | 8.1             | 40 601                          | 19 497                          | Rm   |  |  |
| 35 576                                                                                                                           | 6 435                           | 50.05 | 74.35  | 7.78   | 74.75           | 1.7457 | -0.0441 | 5.9             | 42 611                          | 19 499                          |      |  |  |
| 35 577                                                                                                                           | 10 450                          | 49.88 | 77.05  | 1.61   | 77.07           | 1.7694 | -0.0934 | 1.1             | -1 504c                         | 20 504                          |      |  |  |
| 35 577                                                                                                                           | 11 460                          | 49.58 | 77.8   | -0.31  | 77.8            | 1.7792 | -0.1088 | 359.7           | -1 506c                         | 21 506                          |      |  |  |
| 35 577                                                                                                                           | 13 465                          | 49.44 | 78.84  | -3.99  | 78.94           | 1.7894 | -0.1387 | 357.0           | -1 513c                         | 22 513                          |      |  |  |
| 35 578                                                                                                                           | 14 470                          | 49.08 | 79.13  | -5.68  | 79.34           | 1.7965 | -0.1526 | 355.8           | -1 518c                         | 23 518                          | Mm   |  |  |
| 35 579                                                                                                                           | 15 475                          | 48.47 | 79.23  | -7.2   | 79.56           | 1.8054 | -0.1658 | 354.8           | -1 525c                         | 25 525                          |      |  |  |
| 36 580                                                                                                                           | 16 480                          | 48.07 | 78.92  | -8.43  | 79.37           | 1.8082 | -0.1765 | 353.8           | -1 531c                         | 26 531                          |      |  |  |
| 36 582                                                                                                                           | 17 485                          | 46.3  | 77.93  | -9.81  | 78.55           | 1.8248 | -0.1911 | 352.8           | -1 539c                         | 27 539                          |      |  |  |
| 37 586                                                                                                                           | 18 490                          | 43.72 | 75.94  | -11.24 | 76.77           | 1.8463 | -0.2092 | 351.5           | -1 546c                         | 29 546                          |      |  |  |
| 38 594                                                                                                                           | 18 495                          | 37.48 | 71.23  | -12.89 | 72.39           | 1.9117 | -0.2439 | 349.7           | -1 553c                         | 30 553                          |      |  |  |
| 44 620                                                                                                                           | 20 500                          | 24.16 | 38.15  | -17.52 | 41.98           | 1.783  | -0.3964 | 335.3           | -1 570c                         | 34 570                          |      |  |  |
| -1 509c                                                                                                                          | 21 510                          | 14.03 | -3.18  | -20.62 | 20.87           | 1.0606 | -0.694  | 261.2           | 14 474                          | 35 578                          | min  |  |  |
| -1 520c                                                                                                                          | 24 520                          | 18.99 | -16.47 | -20.04 | 25.94           | 0.8046 | -0.5283 | 230.5           | 16 481                          | 36 581                          | Bm   |  |  |
| -1 529c                                                                                                                          | 25 530                          | 21.31 | -22.18 | -19.56 | 29.58           | 0.7352 | -0.4734 | 221.4           | 16 484                          | 36 582                          |      |  |  |
| -1 540c                                                                                                                          | 28 540                          | 30.05 | -41.18 | -17.48 | 44.74           | 0.6034 | -0.339  | 202.9           | 17 489                          | 37 586                          |      |  |  |
| -1 544c                                                                                                                          | 28 545                          | 30.05 | -41.18 | -17.48 | 44.74           | 0.6034 | -0.339  | 202.9           | 17 489                          | 37 586                          |      |  |  |
| -1 549c                                                                                                                          | 29 550                          | 33.47 | -47.59 | -16.61 | 50.4            | 0.5828 | -0.3048 | 199.2           | 18 491                          | 37 588                          |      |  |  |
| -1 554c                                                                                                                          | 30 555                          | 37.1  | -53.73 | -15.67 | 55.97           | 0.5723 | -0.2753 | 196.2           | 18 492                          | 37 589                          |      |  |  |
| -1 560c                                                                                                                          | 32 560                          | 44.85 | -64.39 | -13.64 | 65.82           | 0.5773 | -0.228  | 191.9           | 18 494                          | 38 594                          |      |  |  |
| W0                                                                                                                               | 380 770                         | 90.0  | 0.0    | 0.0    | 0.0             | 1.1515 | -0.1063 | 0.0             | B <sub>c</sub> =1,000           |                                 |      |  |  |
| N0                                                                                                                               | 380 770                         | 3.6   | 0.0    | 0.0    | 0.0             | 1.1515 | -0.1063 | 0.0             | x <sub>c</sub> =0,000           |                                 |      |  |  |

AEV71-7N

TUB registration: 20201101-AEV7/AEV7L0NA.TXT /.PS  
application for evaluation and measurement of display or print output

TUB material: code=rha4ta