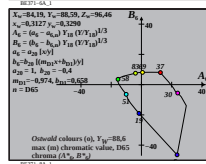
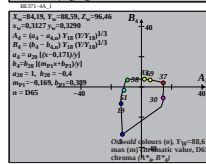
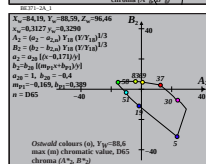
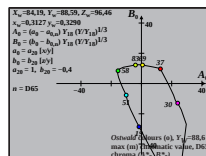
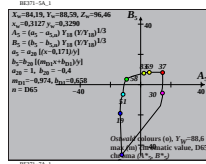
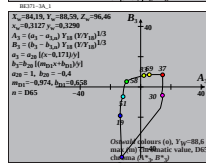
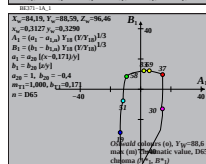
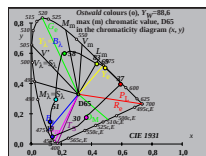


| Oswald optimal colours (o) of maximum (m) C <sub>AB</sub> for D65, Y <sub>w</sub> =88.6, Y <sub>m</sub> =520, 770 |                                 |         |       |        |                 |        |        |                               |                                 |                                 |         |        |         |     |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------|---------|-------|--------|-----------------|--------|--------|-------------------------------|---------------------------------|---------------------------------|---------|--------|---------|-----|
| i, λ <sub>i</sub>                                                                                                 | i <sub>2</sub> , λ <sub>2</sub> | L*      | A*    | B*     | C <sub>AB</sub> | a*     | b*     | b <sub>h</sub> b <sub>v</sub> | i <sub>4</sub> , λ <sub>4</sub> | i <sub>6</sub> , λ <sub>6</sub> | Code    |        |         |     |
| 0                                                                                                                 | 405                             | 32      | 561   | 77.02  | -64.87          | -31.25 | 72.01  | 0.1805                        | -0.1029                         | 205.7                           | 16      | 483    | Cm      |     |
| 6                                                                                                                 | 435                             | 32      | 562   | 77.34  | -78.65          | -18.49 | 80.79  | 0.1732                        | -0.096                          | 193.2                           | 17      | 486    | 42 610  |     |
| 10                                                                                                                | 450                             | 32      | 563   | 77.66  | -104.74         | 10.98  | 105.32 | 0.1595                        | -0.0803                         | 174.0                           | 19      | 496    | -1 496c |     |
| 12                                                                                                                | 460                             | 33      | 565   | 78.13  | -115.96         | 31.94  | 120.28 | 0.1538                        | -0.0692                         | 164.5                           | 21      | 505    | -1 505c |     |
| 12                                                                                                                | 465                             | 33      | 567   | 78.83  | -114.06         | 33.13  | 118.77 | 0.1552                        | -0.0687                         | 163.8                           | 21      | 506    | -1 506c |     |
| 14                                                                                                                | 470                             | 33      | 569   | 79.37  | -118.58         | 55.25  | 130.82 | 0.1532                        | -0.0572                         | 155.0                           | 24      | 520    | -1 520c |     |
| 15                                                                                                                | 475                             | 34      | 573   | 80.65  | -114.03         | 67.6   | 132.56 | 0.1564                        | -0.0512                         | 149.3                           | 25      | 528    | Gm      |     |
| 16                                                                                                                | 480                             | 36      | 580   | 82.9   | -102.97         | 80.87  | 130.93 | 0.1633                        | -0.0452                         | 141.8                           | 27      | 537    | -1 537c |     |
| 17                                                                                                                | 485                             | 39      | 595   | 86.88  | -77.35          | 96.11  | 123.37 | 0.1778                        | -0.0394                         | 128.8                           | 29      | 548    | -1 548c |     |
| 18                                                                                                                | 490                             | -1 490c | 93.06 | -22.24 | 114.34          | 116.48 | 0.2052 | -0.0337                       | 101.0                           | 33                              | 565     | 11 459 | max     |     |
| 19                                                                                                                | 495                             | -1 495c | 92.47 | -18.91 | 120.45          | 122.06 | 0.2062 | -0.0306                       | 99.3                            | 33                              | 566     | 12 462 |         |     |
| 20                                                                                                                | 500                             | -1 500c | 91.73 | -16.65 | 125.95          | 127.04 | 0.2076 | -0.0277                       | 97.5                            | 33                              | 567     | 12 464 |         |     |
| 22                                                                                                                | 510                             | -1 510c | 89.65 | -7.92  | 134.61          | 134.84 | 0.2116 | -0.0224                       | 93.0                            | 33                              | 569     | 13 469 |         |     |
| 23                                                                                                                | 520                             | -1 519c | 88.27 | -2.43  | 137.31          | 137.33 | 0.2142 | -0.0202                       | 91.0                            | 34                              | 570     | 14 471 | Ym      |     |
| 25                                                                                                                | 530                             | -1 529c | 84.79 | 10.36  | 138.25          | 138.64 | 0.2205 | -0.0165                       | 85.7                            | 34                              | 573     | 15 475 |         |     |
| 27                                                                                                                | 540                             | -1 539c | 80.46 | 24.53  | 135.02          | 137.23 | 0.2281 | -0.0134                       | 79.7                            | 35                              | 577     | 15 478 |         |     |
| 28                                                                                                                | 545                             | -1 544c | 78.04 | 31.74  | 131.99          | 135.75 | 0.2322 | -0.0121                       | 76.4                            | 35                              | 579     | 15 479 |         |     |
| 29                                                                                                                | 550                             | -1 549c | 75.43 | 38.97  | 128.25          | 134.04 | 0.2367 | -0.0111                       | 73.0                            | 36                              | 582     | 16 480 |         |     |
| 30                                                                                                                | 555                             | -1 554c | 72.66 | 46.06  | 123.97          | 132.25 | 0.2413 | -0.0103                       | 69.6                            | 36                              | 584     | 16 481 |         |     |
| 32                                                                                                                | 560                             | -1 560c | 66.77 | 59.19  | 114.35          | 128.76 | 0.2511 | -0.0093                       | 62.6                            | 37                              | 589     | 16 483 |         |     |
| 32                                                                                                                | 561                             | 0       | 405   | 75.1   | 50.51           | 58.31  | 77.15  | 0.2431                        | -0.0541                         | 49.1                            | 37      | 589    | 16 483  | Rm  |
| 32                                                                                                                | 562                             | 6       | 435   | 74.77  | 58.71           | 25.94  | 64.18  | 0.2477                        | -0.0718                         | 23.8                            | 42      | 610    | 17 486  | 483 |
| 32                                                                                                                | 563                             | 10      | 450   | 74.42  | 71.74           | -10.3  | 72.47  | 0.255                         | -0.0918                         | 35.18                           | -1 496c | 19 496 |         |     |
| 33                                                                                                                | 565                             | 12      | 460   | 73.91  | 77.65           | -24.5  | 81.42  | 0.2585                        | -0.0997                         | 34.24                           | -1 505c | 21 505 |         |     |
| 33                                                                                                                | 567                             | 12      | 465   | 73.14  | 79.04           | -25.83 | 83.15  | 0.2597                        | -0.1006                         | 34.19                           | -1 506c | 21 506 |         |     |
| 33                                                                                                                | 569                             | 14      | 470   | 72.52  | 82.59           | -35.89 | 90.05  | 0.262                         | -0.1064                         | 33.65                           | -1 520c | 24 520 |         |     |
| 34                                                                                                                | 573                             | 15      | 475   | 70.98  | 85.03           | -41.59 | 94.66  | 0.2642                        | -0.11                           | 33.93                           | -1 528c | 25 528 | Mm      |     |
| 36                                                                                                                | 580                             | 16      | 480   | 68.04  | 87.88           | -48.91 | 100.57 | 0.2676                        | -0.1152                         | 33.09                           | -1 537c | 27 537 |         |     |
| 39                                                                                                                | 595                             | 17      | 485   | 61.86  | 87.86           | -61.19 | 107.07 | 0.2718                        | -0.1254                         | 32.51                           | -1 548c | 29 548 |         |     |
| -1 490c                                                                                                           | 18                              | 490     | 48.14 | 51.23  | -68.03          | 100.13 | 0.2553 | -0.1532                       | 30.07                           | 11 459                          | 33      | 565    | 11 459  | min |
| -1 495c                                                                                                           | 19                              | 495     | 49.78 | 44.33  | -84.1           | 95.07  | 0.2491 | -0.15                         | 29.77                           | 12 462                          | 33      | 566    | 12 462  |     |
| -1 500c                                                                                                           | 20                              | 500     | 51.73 | 36.01  | -81.43          | 89.04  | 0.242  | -0.1462                       | 29.38                           | 12 464                          | 33      | 567    | 12 464  |     |
| -1 510c                                                                                                           | 22                              | 510     | 56.54 | 15.71  | -74.03          | 75.68  | 0.2262 | -0.1371                       | 28.19                           | 13 469                          | 33      | 569    | 13 469  |     |
| -1 519c                                                                                                           | 23                              | 520     | 59.32 | 4.57   | -69.51          | 69.66  | 0.2184 | -0.1323                       | 27.37                           | 14 471                          | 34      | 570    | 14 471  | Bm  |
| -1 529c                                                                                                           | 25                              | 530     | 65.28 | -17.14 | -59.54          | 61.96  | 0.2048 | -0.1227                       | 25.39                           | 15 475                          | 34      | 573    | 15 475  |     |
| -1 539c                                                                                                           | 27                              | 540     | 71.22 | -34.96 | -49.47          | 60.58  | 0.1953 | -0.1145                       | 23.47                           | 15 478                          | 35      | 577    | 15 478  |     |
| -1 544c                                                                                                           | 28                              | 545     | 74.02 | -41.75 | -44.69          | 61.16  | 0.1922 | -0.1109                       | 22.68                           | 15 479                          | 35      | 579    | 15 479  |     |
| -1 549c                                                                                                           | 29                              | 550     | 76.7  | -47.12 | -40.09          | 61.87  | 0.19   | -0.1077                       | 22.03                           | 16 480                          | 36      | 582    | 16 480  |     |
| -1 554c                                                                                                           | 30                              | 555     | 79.24 | -51.0  | -35.73          | 62.27  | 0.1886 | -0.1049                       | 21.50                           | 16 481                          | 36      | 584    | 16 481  |     |
| -1 560c                                                                                                           | 32                              | 560     | 83.79 | -54.46 | -27.9           | 61.19  | 0.1881 | -0.1001                       | 20.71                           | 16 483                          | 37      | 589    | 16 483  |     |
| 380                                                                                                               | 770                             | 95.41   | 0.0   | 0.0    | 0.0             | 0.0    | 0.2154 | -0.0861                       | 0.0                             |                                 |         |        |         |     |

TUB-test chart BE37; CIE (x, y) and chroma (A\*, B\*)  
Oswald optimal colours for illuminant P60; diagram for illuminant P60, Y<sub>w</sub>=88.6



input: w/rgb/cmyk -> rgb