

Device and elementary colours of the sRGB colour space for D65,  $Y_w=88,6$

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 36.53      | 18.83      | 1.71       | 0.64   | 0.33   | 0.03   | 0.1      | 41 606           | 17 486           |
| $Y_{d,sRGB}$ | 68.21      | 82.19      | 12.27      | 0.4193 | 0.5052 | 0.0754 | 58.8     | 33 565           | 11 459           |
| $G_{d,sRGB}$ | 31.67      | 63.35      | 10.55      | 0.3    | 0.6    | 0.0999 | 92.6     | 28 544           | -1 544c          |
| $C_{d,sRGB}$ | 47.66      | 69.75      | 94.75      | 0.2246 | 0.3287 | 0.4465 | 180.1    | 17 486           | 41 606           |
| $B_{d,sRGB}$ | 15.98      | 6.39       | 84.19      | 0.15   | 0.06   | 0.7899 | 238.8    | 11 459           | 33 565           |
| $M_{d,sRGB}$ | 52.52      | 25.23      | 85.9       | 0.3209 | 0.1541 | 0.5249 | 272.7    | -1 544c          | 28 544           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 354.9    | 44 623           | 17 487           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 48.6     | 34 570           | 14 470           |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 120.7    | 21 508           | -1 508c          |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 227.2    | 14 471           | 34 570           |

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TE490-1N\_1

Device and elementary colours of the sRGB colour space for D65,  $Y_w=88,6$

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 18.83      | 18.62      | 7.52       | 20.09    | 1.9393 | -0.0363 | 21.9     | 41 606           | 17 486           |
| $Y_{d,sRGB}$ | 82.19      | -9.9       | 30.89      | 32.44    | 0.8298 | -0.0597 | 107.7    | 33 565           | 13 467           |
| $G_{d,sRGB}$ | 63.35      | -28.53     | 23.37      | 36.88    | 0.4999 | -0.0666 | 140.6    | 29 545           | -1 545c          |
| $C_{d,sRGB}$ | 69.75      | -18.63     | -7.52      | 20.09    | 0.6833 | -0.5433 | 201.9    | 17 486           | 43 618           |
| $B_{d,sRGB}$ | 6.39       | 9.9        | -30.89     | 32.44    | 2.4999 | -5.2665 | 287.7    | 11 458           | 32 562           |
| $M_{d,sRGB}$ | 25.23      | 28.53      | -23.37     | 36.88    | 2.0814 | -1.3618 | 320.6    | -1 533c          | 26 533           |
| $R_{e,sRGB}$ | 17.0       | 17.0       | 5.12       | 17.75    | 1.9502 | -0.1343 | 16.7     | 44 621           | 17 487           |
| $Y_{e,sRGB}$ | 56.15      | -1.27      | 21.22      | 21.25    | 0.9278 | -0.0576 | 93.4     | 34 570           | 14 474           |
| $G_{e,sRGB}$ | 58.71      | -21.27     | 8.2        | 22.8     | 0.5881 | -0.2957 | 158.8    | 23 518           | -1 518c          |
| $B_{e,sRGB}$ | 24.14      | 0.45       | -20.55     | 20.56    | 0.9694 | -1.2869 | 271.2    | 14 470           | 33 567           |

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TE490-3N\_1

Device and elementary colours of the sRGB colour space for D65,  $Y_w=88,6$

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 50.5         | 76.9         | 64.45        | 100.34     | 0.2732 | -0.0376 | 39.9     | -1 479c            | 15 479             |
| $Y_{d,sRGB}$ | 92.66        | -20.7        | 90.71        | 93.05      | 0.2058 | -0.0444 | 102.8    | 32 562             | 14 470             |
| $G_{d,sRGB}$ | 83.63        | -82.75       | 79.86        | 115.01     | 0.1738 | -0.046  | 136.0    | 27 536             | 9 449              |
| $C_{d,sRGB}$ | 86.87        | -46.17       | -13.56       | 48.12      | 0.1929 | -0.0927 | 196.3    | 16 484             | -1 484c            |
| $B_{d,sRGB}$ | 30.41        | 76.0         | -103.55      | 128.45     | 0.2971 | -0.1976 | 306.2    | 12 461             | 28 544             |
| $M_{d,sRGB}$ | 57.31        | 94.33        | -58.41       | 110.95     | 0.2796 | -0.1259 | 328.2    | -1 524c            | 24 524             |
| $R_{e,sRGB}$ | 48.27        | 74.97        | 35.91        | 83.13      | 0.2737 | -0.0582 | 25.5     | -1 481c            | 16 481             |
| $Y_{e,sRGB}$ | 79.7         | -3.29        | 80.88        | 80.95      | 0.2136 | -0.0439 | 92.3     | 33 569             | 14 472             |
| $G_{e,sRGB}$ | 81.14        | -61.89       | 20.27        | 65.13      | 0.1835 | -0.0757 | 161.8    | 22 512             | -1 512c            |
| $B_{e,sRGB}$ | 56.23        | 2.05         | -54.15       | 54.19      | 0.2168 | -0.1236 | 272.1    | 14 472             | 33 569             |

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TE490-5N\_1

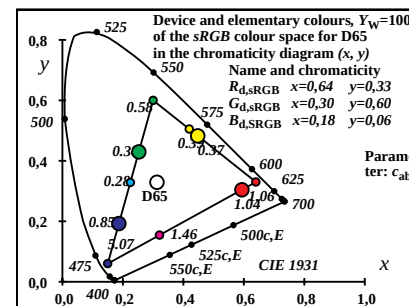
Device and elementary colours of the sRGB colour space for D65,  $Y_w=88,6$

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 50.5         | 76.92        | 64.54        | 100.41     | 0.2732 | -0.0376 | 39.9     | -1 479c            | 15 479             |
| $Y_{d,sRGB}$ | 92.66        | -20.7        | 90.74        | 93.07      | 0.2059 | -0.0444 | 102.8    | 32 562             | 14 470             |
| $G_{d,sRGB}$ | 83.63        | -82.77       | 79.89        | 115.03     | 0.1739 | -0.046  | 136.0    | 27 536             | 9 449              |
| $C_{d,sRGB}$ | 86.87        | -46.17       | -13.57       | 48.13      | 0.1929 | -0.0927 | 196.3    | 16 484             | -1 484c            |
| $B_{d,sRGB}$ | 30.41        | 76.05        | -103.58      | 128.51     | 0.2972 | -0.1976 | 306.2    | 12 461             | 28 544             |
| $M_{d,sRGB}$ | 57.31        | 94.35        | -58.42       | 110.97     | 0.2797 | -0.1259 | 328.2    | -1 524c            | 24 524             |
| $R_{e,sRGB}$ | 48.27        | 74.99        | 35.94        | 83.16      | 0.2737 | -0.0582 | 25.6     | -1 481c            | 16 481             |
| $Y_{e,sRGB}$ | 79.7         | -3.29        | 80.91        | 80.98      | 0.2137 | -0.0439 | 92.3     | 33 569             | 14 472             |
| $G_{e,sRGB}$ | 81.14        | -61.9        | 20.27        | 65.14      | 0.1835 | -0.0757 | 161.8    | 22 512             | -1 512c            |
| $B_{e,sRGB}$ | 56.23        | 2.05         | -54.16       | 54.2       | 0.2168 | -0.1236 | 272.1    | 14 472             | 33 569             |

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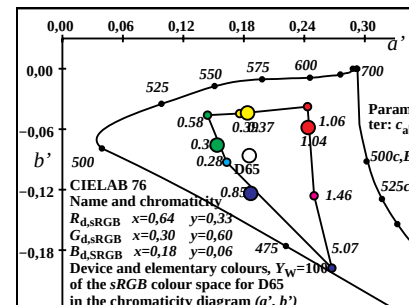
TE490-7N\_1

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_w=88,6$ , Parameter:  $c_{ab}$



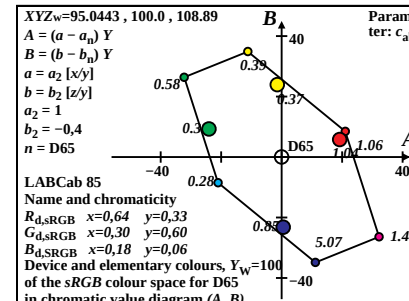
1-000030-L0

TE491-1N\_1



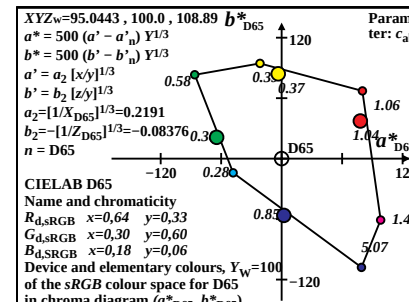
1-000030-L0

TE491-3N\_1



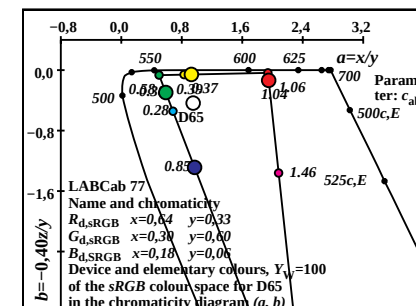
1-000030-L0

TE491-5N\_1



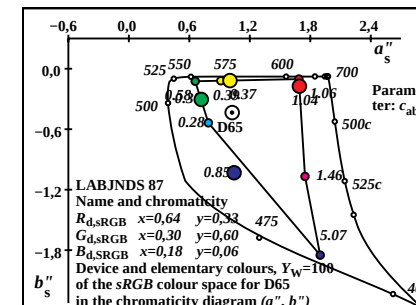
1-000030-L0

TE491-7N\_1



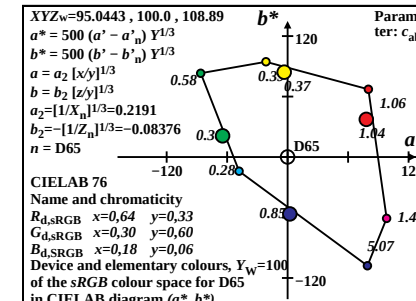
1-000030-L0

TE491-2N\_1



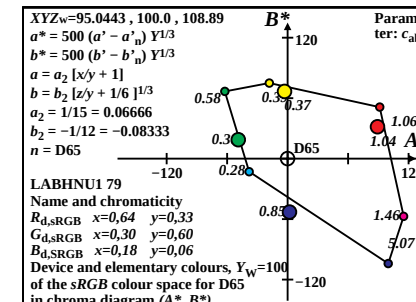
1-000030-L0

TE491-4N\_1



1-000030-L0

TE491-6N\_1



1-000030-L0

TE491-8N\_1

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

Device and elementary colours of the sRGB colour space for D50,  $Y_w=88,6$

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 42.97      | 22.15      | 2.01       | 0.64   | 0.3299 | 0.03   | 354.4    | 41 607           | 17 489           |
| $Y_{d,sRGB}$ | 73.88      | 83.97      | 12.31      | 0.4341 | 0.4934 | 0.0723 | 56.7     | 33 567           | 11 459           |
| $G_{d,sRGB}$ | 30.9       | 61.81      | 10.3       | 0.2999 | 0.5999 | 0.0999 | 100.6    | 28 541           | -1 541c          |
| $C_{d,sRGB}$ | 42.44      | 66.43      | 71.06      | 0.2358 | 0.3691 | 0.3949 | 174.4    | 17 489           | 41 607           |
| $B_{d,sRGB}$ | 11.53      | 4.61       | 60.76      | 0.1499 | 0.0599 | 0.7899 | 236.7    | 11 459           | 33 567           |
| $M_{d,sRGB}$ | 54.51      | 26.77      | 62.78      | 0.3783 | 0.1858 | 0.4357 | 280.7    | -1 541c          | 28 541           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 347.6    | 48 641           | 18 490           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 50.5     | 33 569           | 13 468           |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 142.5    | 19 498           | -1 498c          |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 226.2    | 14 472           | 34 571           |

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TE490-1N\_2

Device and elementary colours of the sRGB colour space for D50,  $Y_w=88,6$

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 22.15      | 21.6       | 6.5        | 22.56    | 1.9393 | -0.0363 | 16.7     | 41 609           | 18 491           |
| $Y_{d,sRGB}$ | 83.97      | -7.08      | 22.78      | 23.86    | 0.8798 | -0.0586 | 107.2    | 33 567           | 12 464           |
| $G_{d,sRGB}$ | 61.81      | -28.69     | 16.27      | 32.99    | 0.4999 | -0.0666 | 150.4    | 27 539           | -1 539c          |
| $C_{d,sRGB}$ | 66.43      | -21.6      | -6.5       | 22.56    | 0.6389 | -0.4279 | 196.7    | 17 486           | 37 585           |
| $B_{d,sRGB}$ | 4.61       | 7.08       | -22.78     | 23.86    | 2.4999 | -5.2665 | 287.2    | 11 459           | 33 566           |
| $M_{d,sRGB}$ | 26.77      | 28.69      | -16.27     | 32.99    | 2.036  | -0.9379 | 330.4    | -1 549c          | 29 549           |
| $R_{e,sRGB}$ | 17.0       | 16.76      | 3.32       | 17.09    | 1.9502 | -0.1343 | 11.2     | -1 493c          | 18 493           |
| $Y_{e,sRGB}$ | 56.15      | -2.04      | 15.29      | 15.42    | 0.9278 | -0.0576 | 97.6     | 34 570           | 14 472           |
| $G_{e,sRGB}$ | 58.71      | -22.08     | 2.01       | 22.17    | 0.5881 | -0.2957 | 174.7    | 18 494           | -1 494c          |
| $B_{e,sRGB}$ | 24.14      | 0.12       | -23.1      | 23.1     | 0.9694 | -1.2869 | 270.3    | 14 471           | 33 569           |

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TE490-3N\_2

Device and elementary colours of the sRGB colour space for D50,  $Y_w=88,6$

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 54.2         | 79.34        | 62.94        | 101.27     | 0.2732 | -0.0376 | 38.4     | -1 480c            | 16 480             |
| $Y_{d,sRGB}$ | 93.44        | -14.18       | 82.57        | 83.78      | 0.2099 | -0.0441 | 99.7     | 33 565             | 14 470             |
| $G_{d,sRGB}$ | 82.82        | -83.72       | 70.38        | 109.38     | 0.1738 | -0.046  | 139.9    | 27 536             | 6 433              |
| $C_{d,sRGB}$ | 85.22        | -55.91       | -15.79       | 58.1       | 0.1886 | -0.0856 | 195.7    | 17 485             | -1 485c            |
| $B_{d,sRGB}$ | 25.63        | 66.97        | -108.83      | 127.79     | 0.2971 | -0.1976 | 301.6    | 12 463             | 30 550             |
| $M_{d,sRGB}$ | 58.77        | 91.16        | -53.68       | 105.79     | 0.2776 | -0.1112 | 329.5    | -1 527c            | 25 527             |
| $R_{e,sRGB}$ | 48.27        | 73.29        | 28.66        | 78.69      | 0.2737 | -0.0582 | 21.3     | -1 483c            | 16 483             |
| $Y_{e,sRGB}$ | 79.7         | -5.25        | 72.74        | 72.93      | 0.2136 | -0.0439 | 94.1     | 33 569             | 14 471             |
| $G_{e,sRGB}$ | 81.14        | -63.6        | 6.0          | 63.88      | 0.1835 | -0.0757 | 174.6    | 20 502             | -1 502c            |
| $B_{e,sRGB}$ | 56.23        | 0.55         | -71.48       | 71.48      | 0.2168 | -0.1236 | 270.4    | 14 472             | 34 571             |

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TE490-5N\_2

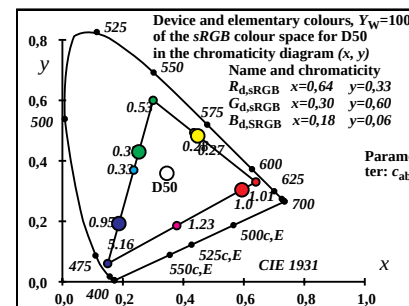
Device and elementary colours of the sRGB colour space for D50,  $Y_w=88,6$

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 54.2         | 79.74        | 57.43        | 98.27      | 0.2732 | -0.0376 | 35.7     | -1 480c            | 16 480             |
| $Y_{d,sRGB}$ | 93.44        | -14.25       | 75.28        | 76.62      | 0.2099 | -0.0441 | 100.7    | 33 565             | 14 470             |
| $G_{d,sRGB}$ | 82.82        | -84.14       | 64.18        | 105.82     | 0.1739 | -0.046  | 142.6    | 26 533             | -1 533c            |
| $C_{d,sRGB}$ | 85.22        | -56.19       | -14.39       | 58.0       | 0.1887 | -0.0856 | 194.3    | 17 486             | -1 486c            |
| $B_{d,sRGB}$ | 25.63        | 67.36        | -99.26       | 119.95     | 0.2972 | -0.1976 | 304.1    | 12 461             | 29 549             |
| $M_{d,sRGB}$ | 58.77        | 91.61        | -48.94       | 103.87     | 0.2776 | -0.1112 | 331.8    | -1 525c            | 25 525             |
| $R_{e,sRGB}$ | 48.27        | 73.66        | 26.15        | 78.16      | 0.2737 | -0.0582 | 19.5     | -1 484c            | 16 484             |
| $Y_{e,sRGB}$ | 79.7         | -5.28        | 66.33        | 66.54      | 0.2137 | -0.0439 | 94.5     | 33 568             | 14 471             |
| $G_{e,sRGB}$ | 81.14        | -63.92       | 5.47         | 64.15      | 0.1835 | -0.0757 | 175.1    | 20 501             | -1 501c            |
| $B_{e,sRGB}$ | 56.23        | 0.56         | -65.17       | 65.17      | 0.2168 | -0.1236 | 270.4    | 14 472             | 34 571             |

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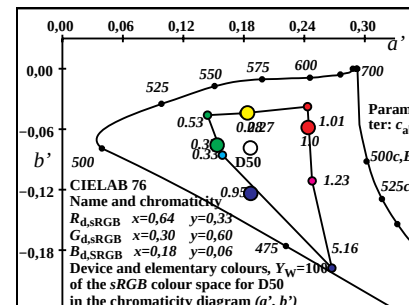
TE490-7N\_2

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_w=88,6$ , Parameter:  $c_{ab}$



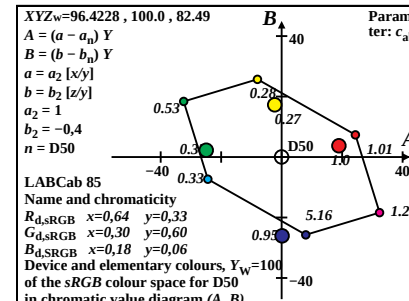
1-000130-L0

TE491-1N\_2



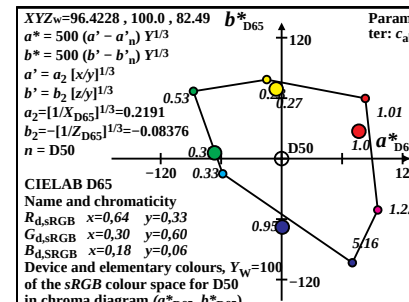
1-000130-L0

TE491-3N\_2



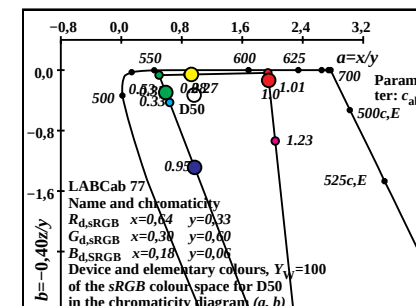
1-000130-L0

TE491-5N\_2



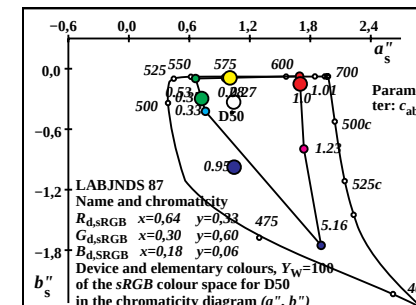
1-000130-L0

TE491-7N\_2



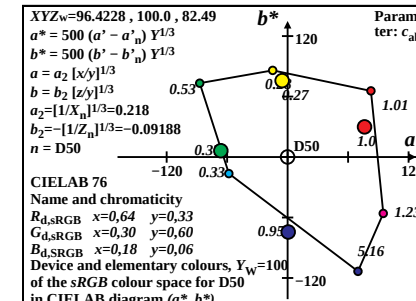
1-000130-L0

TE491-2N\_2



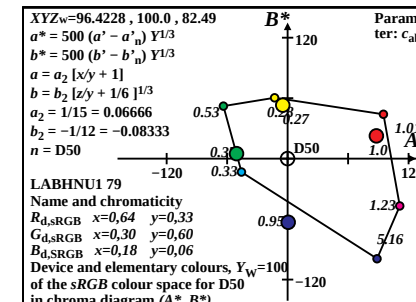
1-000130-L0

TE491-4N\_2



1-000130-L0

TE491-6N\_2



1-000130-L0

TE491-8N\_2

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

Device and elementary colours of the sRGB colour space for P40,  $Y_w=88,6$

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 51.55      | 26.58      | 2.41       | 0.64   | 0.3299 | 0.03   | 349.8    | 41 608           | 18 491           |
| $Y_{d,sRGB}$ | 80.84      | 85.16      | 12.17      | 0.4537 | 0.4779 | 0.0683 | 53.9     | 34 570           | 12 460           |
| $G_{d,sRGB}$ | 29.28      | 58.57      | 9.76       | 0.2999 | 0.5999 | 0.0999 | 109.6    | 27 537           | -1 537c          |
| $C_{d,sRGB}$ | 37.85      | 62.0       | 54.89      | 0.2446 | 0.4006 | 0.3547 | 169.8    | 18 491           | 41 608           |
| $B_{d,sRGB}$ | 8.56       | 3.42       | 45.12      | 0.1499 | 0.06   | 0.79   | 234.0    | 12 460           | 34 570           |
| $M_{d,sRGB}$ | 60.12      | 30.01      | 47.54      | 0.4366 | 0.2179 | 0.3453 | 289.7    | -1 537c          | 27 537           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 341.3    | -1 493c          | 18 493           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 57.3     | 33 569           | 9 448            |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 157.3    | 18 494           | -1 494c          |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 223.5    | 14 472           | 34 573           |

1-000230-L0

TE490-1N\_3

Device and elementary colours of the sRGB colour space for P40,  $Y_w=88,6$

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 26.58      | 24.72      | 5.91       | 25.42    | 1.9393 | -0.0363 | 13.4     | 44 620           | 20 500           |
| $Y_{d,sRGB}$ | 85.16      | -5.1       | 17.16      | 17.9     | 0.9493 | -0.0572 | 106.5    | 33 568           | -1 568c          |
| $G_{d,sRGB}$ | 58.57      | -29.83     | 11.25      | 31.88    | 0.4999 | -0.0666 | 159.3    | 23 519           | -1 519c          |
| $C_{d,sRGB}$ | 62.0       | -24.72     | -5.91      | 25.42    | 0.6105 | -0.3541 | 193.4    | 17 488           | 36 580           |
| $B_{d,sRGB}$ | 3.42       | 5.1        | -17.16     | 17.9     | 2.4999 | -5.2665 | 286.5    | 12 460           | 34 572           |
| $M_{d,sRGB}$ | 30.01      | 29.83      | -11.25     | 31.88    | 2.0034 | -0.6336 | 339.3    | -1 564c          | 32 564           |
| $R_{e,sRGB}$ | 17.0       | 16.0       | 2.11       | 16.13    | 1.9502 | -0.1343 | 7.5      | -1 507c          | 21 507           |
| $Y_{e,sRGB}$ | 56.15      | -4.57      | 11.29      | 12.18    | 0.9278 | -0.0576 | 112.0    | 33 566           | -1 566c          |
| $G_{e,sRGB}$ | 58.71      | -24.73     | -2.17      | 24.82    | 0.5881 | -0.2957 | 185.0    | 18 490           | 36 583           |
| $B_{e,sRGB}$ | 24.14      | -0.96      | -24.82     | 24.84    | 0.9694 | -1.2869 | 267.7    | 14 472           | 34 573           |

1-000230-L0

TE490-3N\_3

Device and elementary colours of the sRGB colour space for P40,  $Y_w=88,6$

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 58.59        | 78.17        | 61.69        | 99.59      | 0.2732 | -0.0376 | 38.2     | -1 480c            | 16 480             |
| $Y_{d,sRGB}$ | 93.95        | -9.58        | 74.93        | 75.54      | 0.2153 | -0.0437 | 97.2     | 33 569             | 14 470             |
| $G_{d,sRGB}$ | 81.06        | -87.31       | 60.84        | 106.42     | 0.1738 | -0.046  | 145.1    | 27 535             | -1 535c            |
| $C_{d,sRGB}$ | 82.92        | -65.76       | -18.79       | 68.39      | 0.1858 | -0.0804 | 195.9    | 17 486             | -1 486c            |
| $B_{d,sRGB}$ | 21.71        | 57.26        | -112.35      | 126.1      | 0.2971 | -0.1976 | 297.0    | 12 464             | 31 557             |
| $M_{d,sRGB}$ | 61.67        | 85.93        | -46.57       | 97.74      | 0.2761 | -0.0976 | 331.5    | -1 529c            | 25 529             |
| $R_{e,sRGB}$ | 48.27        | 67.99        | 21.74        | 71.38      | 0.2737 | -0.0582 | 17.7     | -1 485c            | 17 485             |
| $Y_{e,sRGB}$ | 79.7         | -11.41       | 64.95        | 65.95      | 0.2136 | -0.0439 | 99.9     | 33 567             | 13 469             |
| $G_{e,sRGB}$ | 81.14        | -68.97       | -7.62        | 69.39      | 0.1835 | -0.0757 | 186.3    | 18 491             | -1 491c            |
| $B_{e,sRGB}$ | 56.23        | -4.15        | -88.03       | 88.12      | 0.2168 | -0.1236 | 267.2    | 14 472             | 34 574             |

1-000230-L0

TE490-5N\_3

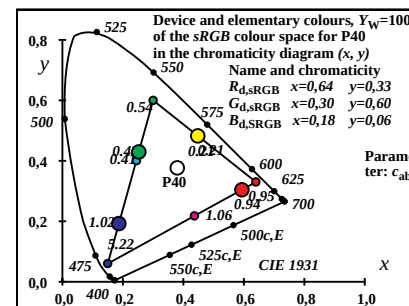
Device and elementary colours of the sRGB colour space for P40,  $Y_w=88,6$

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 58.59        | 79.77        | 51.9         | 95.17      | 0.2732 | -0.0376 | 33.0     | -1 481c            | 16 481             |
| $Y_{d,sRGB}$ | 93.95        | -9.77        | 63.0         | 63.75      | 0.2153 | -0.0438 | 98.8     | 33 568             | 14 470             |
| $G_{d,sRGB}$ | 81.06        | -89.1        | 51.16        | 102.74     | 0.1739 | -0.046  | 150.1    | 26 530             | -1 530c            |
| $C_{d,sRGB}$ | 82.92        | -67.1        | -15.8        | 68.94      | 0.1858 | -0.0804 | 193.2    | 17 487             | -1 487c            |
| $B_{d,sRGB}$ | 21.71        | 58.49        | -94.49       | 111.13     | 0.2972 | -0.1976 | 301.7    | 12 462             | 30 554             |
| $M_{d,sRGB}$ | 61.67        | 87.68        | -39.16       | 96.03      | 0.2761 | -0.0976 | 335.9    | -1 524c            | 24 524             |
| $R_{e,sRGB}$ | 48.27        | 69.39        | 18.28        | 71.76      | 0.2737 | -0.0582 | 14.7     | -1 486c            | 17 486             |
| $Y_{e,sRGB}$ | 79.7         | -11.64       | 54.62        | 55.84      | 0.2137 | -0.0439 | 102.0    | 33 566             | 13 469             |
| $G_{e,sRGB}$ | 81.14        | -70.37       | -6.41        | 70.67      | 0.1835 | -0.0757 | 185.2    | 18 492             | -1 492c            |
| $B_{e,sRGB}$ | 56.23        | -4.24        | -74.01       | 74.13      | 0.2168 | -0.1236 | 266.7    | 14 472             | 35 575             |

1-000230-L0

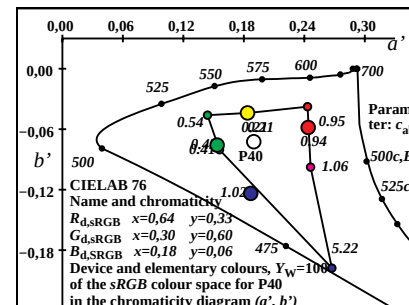
TE490-7N\_3

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_w=88,6$ , Parameter:  $c_{ab}$



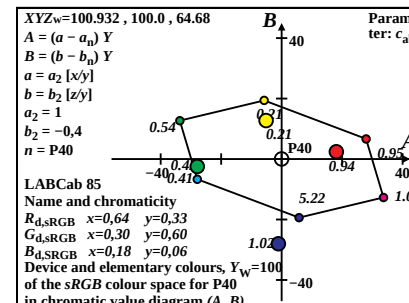
1-000230-L0

TE491-1N\_3



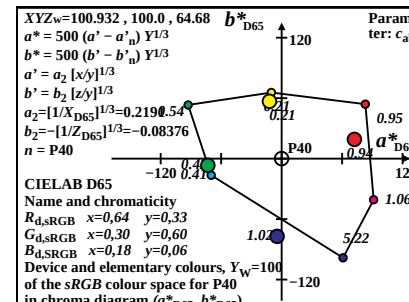
1-000230-L0

TE491-3N\_3



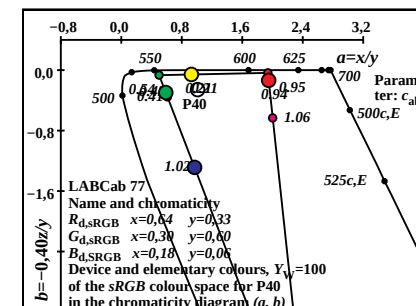
1-000230-L0

TE491-5N\_3



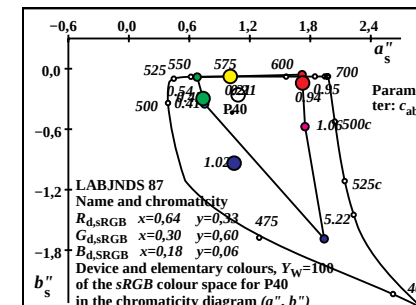
1-000230-L0

TE491-7N\_3



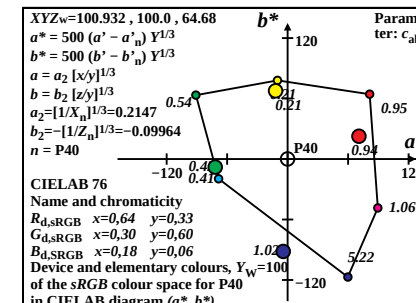
1-000230-L0

TE491-2N\_3



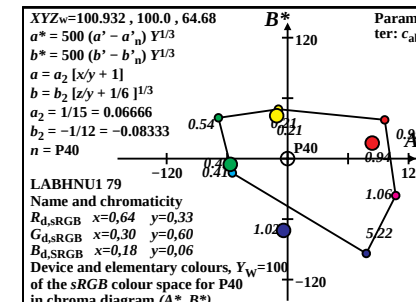
1-000230-L0

TE491-4N\_3



1-000230-L0

TE491-6N\_3



1-000230-L0

TE491-8N\_3

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change



Device and elementary colours of the sRGB colour space for A00,  $Y_w=88,6$

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 67.41      | 34.76      | 3.16       | 0.64   | 0.33   | 0.03   | 338.0    | 42 614           | 19 496           |
| $Y_{d,sRGB}$ | 93.58      | 87.09      | 11.88      | 0.4859 | 0.4523 | 0.0617 | 49.3     | 35 575           | 12 460           |
| $G_{d,sRGB}$ | 26.16      | 52.33      | 8.72       | 0.3    | 0.6    | 0.0999 | 127.4    | 24 522           | -1 522c          |
| $C_{d,sRGB}$ | 29.89      | 53.82      | 28.36      | 0.2667 | 0.4802 | 0.253  | 158.0    | 19 496           | 42 614           |
| $B_{d,sRGB}$ | 3.72       | 1.49       | 19.63      | 0.15   | 0.0599 | 0.79   | 229.4    | 12 460           | 35 575           |
| $M_{d,sRGB}$ | 71.14      | 36.25      | 22.79      | 0.5464 | 0.2784 | 0.1751 | 307.4    | -1 522c          | 24 522           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 324.7    | -1 503c          | 20 503           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 89.7     | 33 565           | -1 565c          |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 173.4    | 18 491           | 38 591           |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 219.4    | 14 473           | 35 577           |

1-000330-L0

TE490-1N\_4

Device and elementary colours of the sRGB colour space for A00,  $Y_w=88,6$

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 34.76      | 29.23      | 3.68       | 29.46    | 1.9393 | -0.0363 | 7.1      | -1 597c          | 39 597           |
| $Y_{d,sRGB}$ | 87.09      | -2.09      | 7.64       | 7.92     | 1.0744 | -0.0545 | 105.2    | 16 482           | 35 577           |
| $G_{d,sRGB}$ | 52.33      | -31.32     | 3.95       | 31.57    | 0.4999 | -0.0666 | 172.7    | 20 500           | 32 562           |
| $C_{d,sRGB}$ | 53.82      | -29.23     | -3.68      | 29.46    | 0.5554 | -0.2107 | 187.1    | 18 491           | 34 571           |
| $B_{d,sRGB}$ | 1.49       | 2.09       | -7.64      | 7.92     | 2.4998 | -5.2663 | 285.2    | 12 461           | 36 580           |
| $M_{d,sRGB}$ | 36.25      | 31.32      | -3.95      | 31.57    | 1.9624 | -0.2515 | 352.7    | -1 587c          | 37 587           |
| $R_{e,sRGB}$ | 17.0       | 14.48      | 0.13       | 14.48    | 1.9502 | -0.1343 | 0.5      | -1 590c          | 38 590           |
| $Y_{e,sRGB}$ | 56.15      | -9.58      | 4.75       | 10.69    | 0.9278 | -0.0576 | 153.6    | 17 488           | 34 573           |
| $G_{e,sRGB}$ | 58.71      | -29.96     | -9.0       | 31.29    | 0.5881 | -0.2957 | 196.7    | 17 488           | 34 573           |
| $B_{e,sRGB}$ | 24.14      | -3.11      | -27.63     | 27.8     | 0.9694 | -1.2869 | 263.5    | 14 474           | 35 579           |

1-000330-L0

TE490-3N\_4

Device and elementary colours of the sRGB colour space for A00,  $Y_w=88,6$

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 65.57        | 73.33        | 51.37        | 89.53      | 0.2732 | -0.0376 | 35.0     | -1 482c            | 16 482             |
| $Y_{d,sRGB}$ | 94.78        | -3.5         | 52.23        | 52.35      | 0.2243 | -0.0431 | 93.8     | 34 574             | 14 470             |
| $G_{d,sRGB}$ | 77.48        | -92.96       | 35.99        | 99.69      | 0.1738 | -0.046  | 158.8    | 26 531             | -1 531c            |
| $C_{d,sRGB}$ | 78.36        | -82.68       | -22.74       | 85.75      | 0.18   | -0.0676 | 195.3    | 17 488             | -1 488c            |
| $B_{d,sRGB}$ | 12.61        | 38.7         | -114.72      | 121.07     | 0.2971 | -0.1976 | 288.6    | 13 466             | 33 568             |
| $M_{d,sRGB}$ | 66.72        | 76.06        | -29.8        | 81.7       | 0.2742 | -0.0717 | 338.6    | -1 531c            | 26 531             |
| $R_{e,sRGB}$ | 48.27        | 58.39        | 2.11         | 58.43      | 0.2737 | -0.0582 | 2.0      | -1 500c            | 20 500             |
| $Y_{e,sRGB}$ | 79.7         | -22.57       | 42.91        | 48.48      | 0.2136 | -0.0439 | 117.7    | 32 563             | 12 462             |
| $G_{e,sRGB}$ | 81.14        | -78.7        | -46.23       | 91.27      | 0.1835 | -0.0757 | 210.4    | 16 483             | -1 483c            |
| $B_{e,sRGB}$ | 56.23        | -12.7        | -134.89      | 135.49     | 0.2168 | -0.1236 | 264.6    | 14 472             | 35 578             |

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TE490-5N\_4

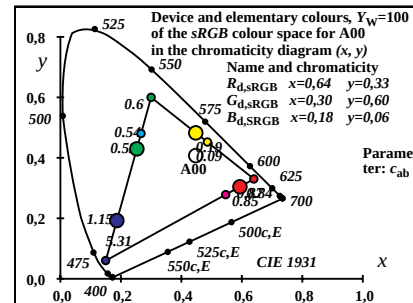
Device and elementary colours of the sRGB colour space for A00,  $Y_w=88,6$

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 65.57        | 76.97        | 35.39        | 84.72      | 0.2732 | -0.0376 | 24.6     | -1 485c            | 17 485             |
| $Y_{d,sRGB}$ | 94.78        | -3.67        | 35.98        | 36.17      | 0.2244 | -0.0431 | 95.8     | 34 574             | 13 469             |
| $G_{d,sRGB}$ | 77.48        | -97.58       | 24.79        | 100.68     | 0.1739 | -0.046  | 165.7    | 24 522             | -1 522c            |
| $C_{d,sRGB}$ | 78.36        | -86.79       | -15.66       | 88.19      | 0.1801 | -0.0676 | 190.2    | 18 491             | -1 491c            |
| $B_{d,sRGB}$ | 12.61        | 40.73        | -79.08       | 88.96      | 0.2972 | -0.1976 | 297.2    | 12 462             | 32 563             |
| $M_{d,sRGB}$ | 66.72        | 79.84        | -20.53       | 82.44      | 0.2743 | -0.0717 | 345.5    | -1 522c            | 24 522             |
| $R_{e,sRGB}$ | 48.27        | 61.3         | 1.46         | 61.32      | 0.2737 | -0.0582 | 1.3      | -1 501c            | 20 501             |
| $Y_{e,sRGB}$ | 79.7         | -23.69       | 29.56        | 37.88      | 0.2137 | -0.0439 | 128.7    | 31 557             | 10 452             |
| $G_{e,sRGB}$ | 81.14        | -82.6        | -31.84       | 88.53      | 0.1835 | -0.0757 | 201.0    | 17 486             | -1 486c            |
| $B_{e,sRGB}$ | 56.23        | -13.33       | -92.92       | 93.87      | 0.2168 | -0.1236 | 261.8    | 14 472             | 36 580             |

1-000330-L0

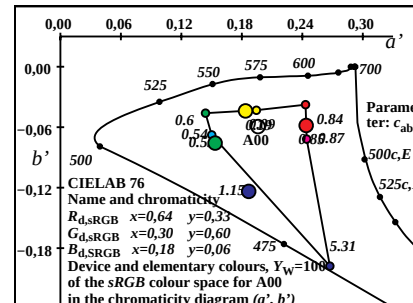
TE490-7N\_4

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_w=88,6$ , Parameter:  $c_{ab}$



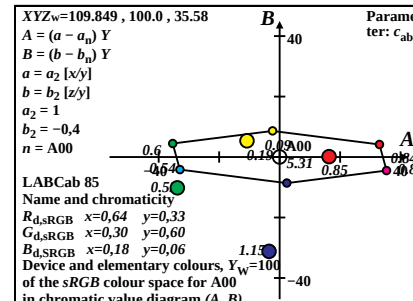
1-000330-L0

TE491-1N\_4



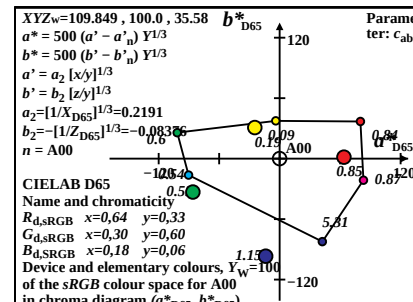
1-000330-L0

TE491-3N\_4



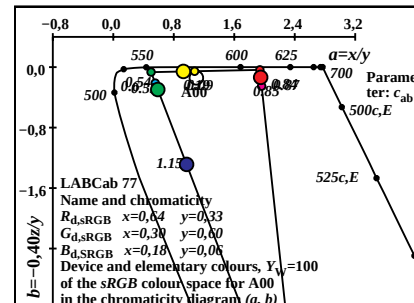
1-000330-L0

TE491-5N\_4



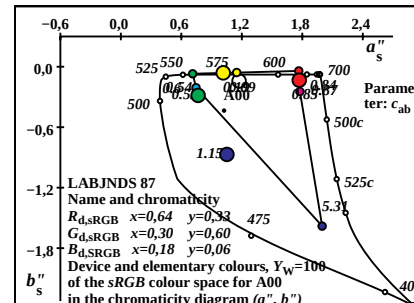
1-000330-L0

TE491-7N\_4



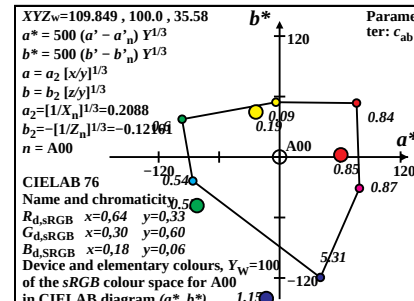
1-000330-L0

TE491-2N\_4



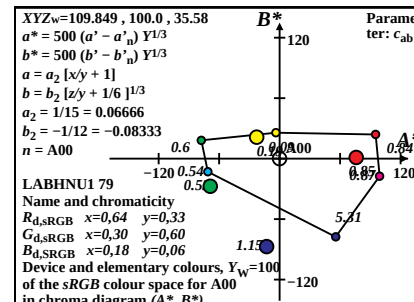
1-000330-L0

TE491-4N\_4



1-000330-L0

TE491-6N\_4



1-000330-L0

TE491-8N\_4

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

Device and elementary colours of the sRGB colour space for E00,  $Y_w=88,6$ 

| <i>Code</i>         | <i>X</i> <sub>88.6</sub> | <i>Y</i> <sub>88.6</sub> | <i>Z</i> <sub>88.6</sub> | <i>x</i> | <i>y</i> | <i>z</i> | <i>h<sub>xy</sub></i> | <i>i<sub>d</sub></i> , <i>λ<sub>d</sub></i> | <i>i<sub>c</sub></i> , <i>λ<sub>c</sub></i> |
|---------------------|--------------------------|--------------------------|--------------------------|----------|----------|----------|-----------------------|---------------------------------------------|---------------------------------------------|
| R <sub>d,sRGB</sub> | 44.02                    | 22.69                    | 2.06                     | 0.64     | 0.3299   | 0.03     | 359.3                 | 41 606                                      | 17 486                                      |
| Y <sub>d,sRGB</sub> | 74.06                    | 82.77                    | 12.07                    | 0.4384   | 0.49     | 0.0714   | 56.1                  | 33 568                                      | 11 459                                      |
| G <sub>d,sRGB</sub> | 30.03                    | 60.07                    | 10.01                    | 0.3      | 0.6      | 0.0999   | 97.1                  | 28 542                                      | −1 542c                                     |
| C <sub>d,sRGB</sub> | 44.56                    | 65.89                    | 86.52                    | 0.2262   | 0.3344   | 0.4392   | 179.3                 | 17 486                                      | 41 606                                      |
| B <sub>d,sRGB</sub> | 14.52                    | 5.81                     | 76.51                    | 0.15     | 0.06     | 0.79     | 236.1                 | 11 459                                      | 33 568                                      |
| M <sub>d,sRGB</sub> | 58.55                    | 28.51                    | 78.57                    | 0.3534   | 0.1721   | 0.4743   | 277.1                 | −1 542c                                     | 28 542                                      |
| R <sub>e,sRGB</sub> | 33.16                    | 17.0                     | 5.7                      | 0.5935   | 0.3043   | 0.1021   | 353.6                 | 45 625                                      | 17 488                                      |
| Y <sub>e,sRGB</sub> | 52.09                    | 56.15                    | 8.09                     | 0.4478   | 0.4826   | 0.0695   | 52.4                  | 33 569                                      | 13 465                                      |
| G <sub>e,sRGB</sub> | 34.53                    | 58.71                    | 43.41                    | 0.2526   | 0.4296   | 0.3176   | 129.9                 | 20 503                                      | −1 503c                                     |
| B <sub>e,sRGB</sub> | 23.4                     | 24.14                    | 77.67                    | 0.1868   | 0.1927   | 0.6203   | 223.8                 | 14 472                                      | 34 573                                      |

1-000430-L0

TE490-1N 5

Device and elementary colours of the sRGB colour space for E00,  $Y_w=88,6$ 

| <i>Code</i>         | <i>Y</i> <sub>88.6</sub> | <i>A</i> <sub>88.6</sub> | <i>B</i> <sub>88.6</sub> | <i>C</i> <sub>AB</sub> | <i>a</i> | <i>b</i> | <i>h</i> <sub>AB</sub> | <i>i</i> <sub>d</sub> , <i>λ</i> <sub>d</sub> | <i>i</i> <sub>c</sub> , <i>λ</i> <sub>c</sub> |
|---------------------|--------------------------|--------------------------|--------------------------|------------------------|----------|----------|------------------------|-----------------------------------------------|-----------------------------------------------|
| R <sub>d,sRGB</sub> | 22.69                    | 21.32                    | 8.25                     | 22.86                  | 1.9393   | -0.0363  | 21.1                   | 41 606                                        | 17 486                                        |
| Y <sub>d,sRGB</sub> | 82.77                    | -8.71                    | 28.28                    | 29.59                  | 0.8947   | -0.0583  | 107.1                  | 33 568                                        | 11 459                                        |
| G <sub>d,sRGB</sub> | 60.07                    | -30.04                   | 20.02                    | 36.1                   | 0.4999   | -0.0666  | 146.3                  | 28 542                                        | -1 542c                                       |
| B <sub>d,sRGB</sub> | 65.89                    | -21.32                   | -8.25                    | 22.86                  | 0.6763   | -0.5252  | 201.1                  | 17 486                                        | 41 606                                        |
| R <sub>e,sRGB</sub> | 5.81                     | 8.71                     | -28.28                   | 29.59                  | 2.4999   | -5.2665  | 287.1                  | 11 459                                        | 33 568                                        |
| M <sub>d,sRGB</sub> | 28.51                    | 30.04                    | -20.02                   | 36.1                   | 2.0536   | -1.1024  | 326.3                  | -1 542c                                       | 28 542                                        |
| R <sub>e,sRGB</sub> | 17.0                     | 16.15                    | 4.51                     | 16.77                  | 1.9502   | -0.1343  | 15.6                   | 45 625                                        | 17 488                                        |
| Y <sub>e,sRGB</sub> | 56.15                    | -4.05                    | 19.22                    | 19.64                  | 0.9278   | -0.0576  | 101.9                  | 33 569                                        | 13 465                                        |
| G <sub>e,sRGB</sub> | 58.71                    | -24.18                   | 6.12                     | 24.94                  | 0.5881   | -0.2957  | 165.7                  | 20 503                                        | -1 503c                                       |
| B <sub>e,sRGB</sub> | 24.14                    | -0.73                    | -21.41                   | 21.42                  | 0.9694   | -1.2869  | 268.0                  | 14 472                                        | 34 573                                        |

1-000430-L0

TE490-3N 5

Device and elementary colours of the *sRGB* colour space for E00,  $Y_w=88,6$ 

| <i>Code</i>         | <i>L</i> * <sub>88.6</sub> | <i>a</i> * <sub>88.6</sub> | <i>b</i> * <sub>88.6</sub> | <i>C</i> * <sub>ab</sub> | <i>a</i> ' | <i>b</i> ' | <i>h</i> <sub>ab</sub> | <i>i</i> <sub>d</sub> , $\lambda^*$ <sub>d</sub> | <i>i</i> <sub>c</sub> , $\lambda^*$ <sub>c</sub> |
|---------------------|----------------------------|----------------------------|----------------------------|--------------------------|------------|------------|------------------------|--------------------------------------------------|--------------------------------------------------|
| R <sub>d,sRGB</sub> | 54.77                      | 75.33                      | 67.07                      | 100.87                   | 0.2732     | -0.0376    | 41.6                   | -1 478c                                          | 15 478                                           |
| Y <sub>d,sRGB</sub> | 92.92                      | -17.09                     | 88.91                      | 90.53                    | 0.2111     | -0.044     | 100.8                  | 33 565                                           | 13 469                                           |
| G <sub>d,sRGB</sub> | 81.88                      | -87.02                     | 75.86                      | 115.45                   | 0.1738     | -0.046     | 138.9                  | 27 535                                           | 7 439                                            |
| C <sub>d,sRGB</sub> | 84.94                      | -53.15                     | -16.54                     | 55.67                    | 0.1923     | -0.0917    | 197.2                  | 16 483                                           | -1 483c                                          |
| B <sub>d,sRGB</sub> | 28.95                      | 69.12                      | -105.42                    | 126.06                   | 0.2971     | -0.1976    | 303.2                  | 12 462                                           | 29 549                                           |
| M <sub>d,sRGB</sub> | 60.35                      | 89.19                      | -52.91                     | 103.71                   | 0.2784     | -0.1174    | 329.3                  | -1 525c                                          | 25 525                                           |
| R <sub>e,sRGB</sub> | 48.27                      | 69.06                      | 33.76                      | 76.87                    | 0.2737     | -0.0582    | 26.0                   | -1 481c                                          | 16 481                                           |
| Y <sub>e,sRGB</sub> | 79.7                       | -10.17                     | 78.46                      | 79.12                    | 0.2136     | -0.0439    | 97.3                   | 33 568                                           | 14 470                                           |
| G <sub>e,sRGB</sub> | 81.14                      | -67.88                     | 16.03                      | 69.75                    | 0.1835     | -0.0757    | 166.7                  | 21 508                                           | -1 508c                                          |
| B <sub>e,sRGB</sub> | 56.23                      | -3.2                       | -59.3                      | 59.39                    | 0.2168     | -0.1236    | 266.9                  | 14 472                                           | 35 575                                           |

1-000430-1.0

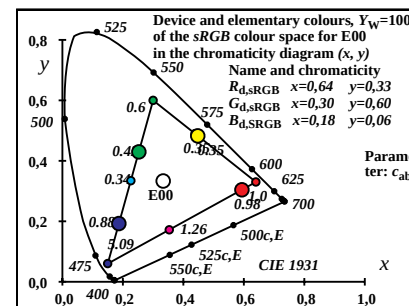
TE490-5N 5

Device and elementary colours of the *sRGB* colour space for E00,  $Y_w=88,6$ 

| <i>CodeD65</i>      | <i>L*</i> <sub>88.6</sub> | <i>a*</i> <sub>88.6</sub> | <i>b*</i> <sub>88.6</sub> | <i>C*</i> <sub>ab</sub> | <i>a'</i> | <i>b'</i> | <i>h</i> <sub>ab</sub> | <i>i</i> <sub>d</sub> , $\lambda^{\circ}$ <sub>d</sub> | <i>i</i> <sub>c</sub> , $\lambda^{\circ}$ <sub>c</sub> |
|---------------------|---------------------------|---------------------------|---------------------------|-------------------------|-----------|-----------|------------------------|--------------------------------------------------------|--------------------------------------------------------|
| R <sub>d,sRGB</sub> | 54.77                     | 76.64                     | 65.26                     | 100.66                  | 0.2732    | -0.0376   | 40.4                   | -1 478c                                                | 15 478                                                 |
| Y <sub>d,sRGB</sub> | 92.92                     | -17.38                    | 86.44                     | 88.17                   | 0.2111    | -0.044    | 101.3                  | 33 565                                                 | 13 469                                                 |
| G <sub>d,sRGB</sub> | 81.88                     | -88.52                    | 73.76                     | 115.23                  | 0.1739    | -0.046    | 140.1                  | 26 534                                                 | 6 434                                                  |
| C <sub>d,sRGB</sub> | 84.94                     | -54.07                    | -16.08                    | 56.41                   | 0.1923    | -0.0917   | 196.5                  | 16 484                                                 | -1 484c                                                |
| B <sub>d,sRGB</sub> | 28.95                     | 70.36                     | -102.5                    | 124.33                  | 0.2972    | -0.1976   | 304.4                  | 12 481                                                 | 29 548                                                 |
| M <sub>d,sRGB</sub> | 60.35                     | 90.73                     | -51.44                    | 104.3                   | 0.2784    | -0.1174   | 330.4                  | -1 524c                                                | 24 524                                                 |
| R <sub>e,sRGB</sub> | 48.27                     | 70.26                     | 32.84                     | 77.56                   | 0.2737    | -0.0582   | 25.0                   | -1 481c                                                | 16 481                                                 |
| Y <sub>e,sRGB</sub> | 79.7                      | -10.34                    | 76.29                     | 76.99                   | 0.2137    | -0.0439   | 97.7                   | 33 567                                                 | 14 470                                                 |
| G <sub>e,sRGB</sub> | 81.14                     | -69.06                    | 15.58                     | 70.79                   | 0.1835    | -0.0757   | 167.2                  | 21 508                                                 | -1 508c                                                |
| B <sub>e,sRGB</sub> | 56.23                     | -3.26                     | -57.65                    | 57.74                   | 0.2168    | -0.1236   | 266.7                  | 14 472                                                 | 35 575                                                 |

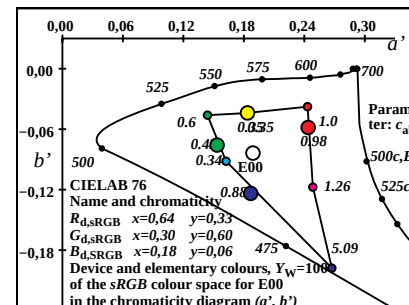
1-000430-L0

TE490-7N 5



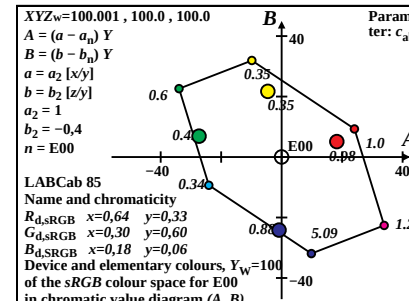
1-000430-L0

TE491-1N 5



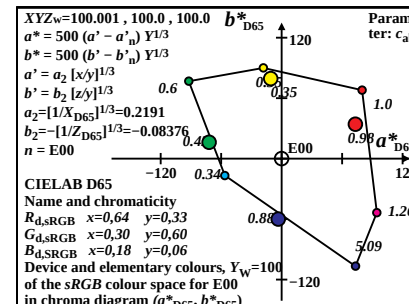
1-000430-LC

TE491-3N 5



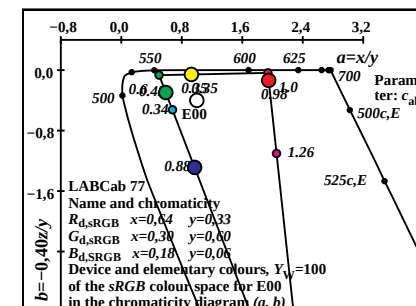
1-000430-1.0

TF491-5N 5



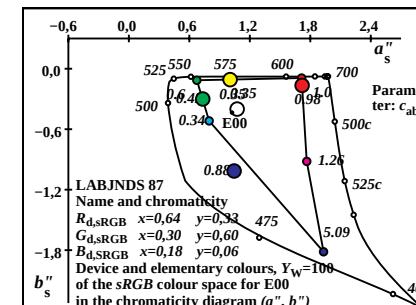
1-000430-LC

TE491-7N 5



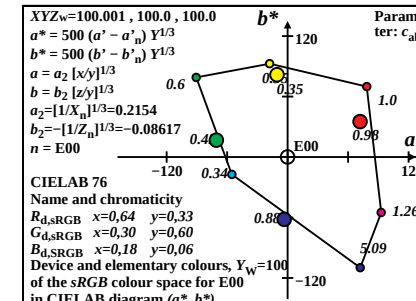
1-000430-L

TE491-2N



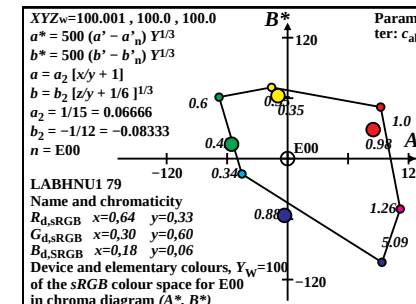
1-000430-L

TE491-4N



1-000430-I

TF491-6N



1-000430-I

TE491-8N

TUB-test chart TE49; *sRGB*: Basic and mixture colours  
*XYZ*, *YABCh*, *LabCh\** data,  $Y_w=88,6$ , Parameter:  $c_{ab}$

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

TUB registration: 20130201-TE49/TE49L0NF  
application for measurement of display output

TUB material: code=rha4ta

### Device and elementary colours of the sRGB colour space for C00, $Y_w=88,6$

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 38.41      | 19.8       | 1.8        | 0.64   | 0.33   | 0.0299 | 2.4      | 41 605           | 17 485           |
| $Y_{d,sRGB}$ | 69.29      | 81.55      | 12.09      | 0.4252 | 0.5005 | 0.0742 | 57.9     | 33 566           | 11 459           |
| $G_{d,sRGB}$ | 30.87      | 61.74      | 10.29      | 0.3    | 0.6    | 0.0999 | 92.0     | 28 544           | -1 544c          |
| $C_{d,sRGB}$ | 48.46      | 68.78      | 102.93     | 0.2201 | 0.3123 | 0.4675 | 182.4    | 17 485           | 41 605           |
| $B_{d,sRGB}$ | 17.59      | 7.03       | 92.64      | 0.1499 | 0.0599 | 0.79   | 238.0    | 11 459           | 33 566           |
| $M_{d,sRGB}$ | 56.0       | 26.84      | 94.44      | 0.3159 | 0.1514 | 0.5326 | 272.0    | -1 544c          | 28 544           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 357.6    | 43 619           | 17 486           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 50.3     | 34 570           | 13 468           |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 116.7    | 22 512           | -1 512c          |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 225.0    | 14 472           | 34 572           |

1-000530-L0

TE490-1N\_6

### Device and elementary colours of the sRGB colour space for C00, $Y_w=88,6$

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 19.8       | 18.99      | 8.64       | 20.86    | 1.9393 | -0.0363 | 24.4     | 41 605           | 16 484           |
| $Y_{d,sRGB}$ | 81.55      | -10.69     | 33.73      | 35.38    | 0.8496 | -0.0593 | 107.5    | 33 566           | 13 465           |
| $G_{d,sRGB}$ | 61.74      | -29.68     | 25.08      | 38.86    | 0.4999 | -0.0666 | 139.8    | 29 545           | -1 545c          |
| $C_{d,sRGB}$ | 68.78      | -18.99     | -8.64      | 20.86    | 0.7046 | -0.5986 | 204.4    | 17 487           | -1 487c          |
| $B_{d,sRGB}$ | 7.03       | 10.68      | -33.72     | 35.38    | 2.4999 | -5.2665 | 287.5    | 11 459           | 32 564           |
| $M_{d,sRGB}$ | 26.84      | 29.68      | -25.08     | 38.86    | 2.0863 | -1.4072 | 319.8    | -1 531c          | 26 531           |
| $R_{e,sRGB}$ | 17.0       | 16.48      | 5.75       | 17.46    | 1.9502 | -0.1343 | 19.2     | 43 616           | 17 485           |
| $Y_{e,sRGB}$ | 56.15      | -2.97      | 23.31      | 23.5     | 0.9278 | -0.0576 | 97.2     | 34 570           | 14 470           |
| $G_{e,sRGB}$ | 58.71      | -23.05     | 10.4       | 25.29    | 0.5881 | -0.2957 | 155.7    | 24 523           | -1 523c          |
| $B_{e,sRGB}$ | 24.14      | -0.27      | -19.65     | 19.65    | 0.9694 | -1.2869 | 269.2    | 14 472           | 34 571           |

1-000530-L0

TE490-3N\_6

### Device and elementary colours of the sRGB colour space for C00, $Y_w=88,6$

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 51.63        | 74.36        | 66.92        | 100.04     | 0.2732 | -0.0376 | 41.9     | -1 478c            | 15 478             |
| $Y_{d,sRGB}$ | 92.38        | -21.81       | 93.3         | 95.82      | 0.2075 | -0.0443 | 103.1    | 32 562             | 13 469             |
| $G_{d,sRGB}$ | 82.78        | -85.62       | 81.64        | 118.3      | 0.1738 | -0.046  | 136.3    | 27 535             | 9 448              |
| $C_{d,sRGB}$ | 86.4         | -46.05       | -14.43       | 48.26      | 0.1949 | -0.0957 | 197.3    | 16 483             | -1 483c            |
| $B_{d,sRGB}$ | 31.91        | 75.51        | -101.78      | 126.74     | 0.2971 | -0.1976 | 306.5    | 12 461             | 28 544             |
| $M_{d,sRGB}$ | 58.84        | 92.27        | -56.54       | 108.21     | 0.2799 | -0.1273 | 328.4    | -1 524c            | 24 524             |
| $R_{e,sRGB}$ | 48.27        | 71.31        | 37.93        | 80.78      | 0.2737 | -0.0582 | 28.0     | -1 480c            | 16 480             |
| $Y_{e,sRGB}$ | 79.7         | -7.55        | 83.15        | 83.5       | 0.2136 | -0.0439 | 95.1     | 33 568             | 14 471             |
| $G_{e,sRGB}$ | 81.14        | -65.6        | 24.25        | 69.94      | 0.1835 | -0.0757 | 159.7    | 22 513             | -1 513c            |
| $B_{e,sRGB}$ | 56.23        | -1.19        | -49.32       | 49.34      | 0.2168 | -0.1236 | 268.6    | 14 472             | 34 573             |

1-000530-L0

TE490-5N\_6

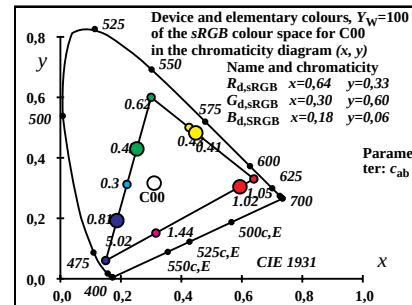
### Device and elementary colours of the sRGB colour space for C00, $Y_w=88,6$

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 51.63        | 75.16        | 68.87        | 101.94     | 0.2732 | -0.0376 | 42.5     | -1 478c            | 15 478             |
| $Y_{d,sRGB}$ | 92.38        | -22.04       | 95.92        | 98.42      | 0.2075 | -0.0443 | 102.9    | 32 563             | 13 469             |
| $G_{d,sRGB}$ | 82.78        | -86.53       | 83.94        | 120.55     | 0.1739 | -0.046  | 135.8    | 27 536             | 9 449              |
| $C_{d,sRGB}$ | 86.4         | -46.54       | -14.83       | 48.85      | 0.1949 | -0.0958 | 197.6    | 16 483             | -1 483c            |
| $B_{d,sRGB}$ | 31.91        | 76.35        | -104.65      | 129.54     | 0.2972 | -0.1976 | 306.1    | 12 461             | 28 544             |
| $M_{d,sRGB}$ | 58.84        | 93.25        | -58.12       | 109.88     | 0.2799 | -0.1273 | 328.0    | -1 524c            | 24 524             |
| $R_{e,sRGB}$ | 48.27        | 72.08        | 39.02        | 81.97      | 0.2737 | -0.0582 | 28.4     | -1 480c            | 16 480             |
| $Y_{e,sRGB}$ | 79.7         | -7.63        | 85.5         | 85.84      | 0.2137 | -0.0439 | 95.1     | 33 568             | 14 471             |
| $G_{e,sRGB}$ | 81.14        | -66.3        | 24.92        | 70.83      | 0.1835 | -0.0757 | 159.3    | 22 513             | -1 513c            |
| $B_{e,sRGB}$ | 56.23        | -1.21        | -50.7        | 50.72      | 0.2168 | -0.1236 | 268.6    | 14 472             | 34 573             |

1-000530-L0

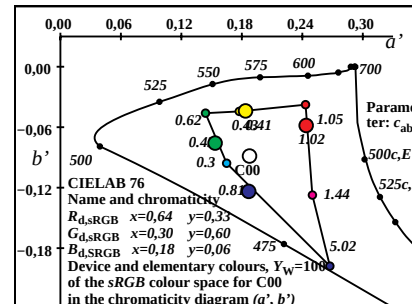
TE490-7N\_6

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_w=88,6$ , Parameter:  $c_{ab}$



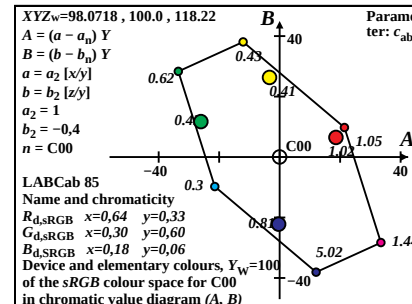
1-000530-L0

TE491-1N\_6



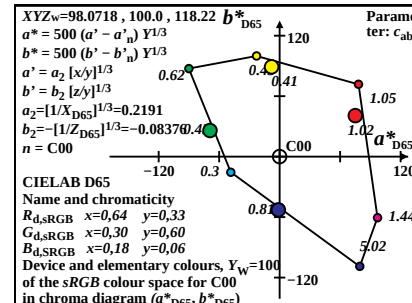
1-000530-L0

TE491-3N\_6



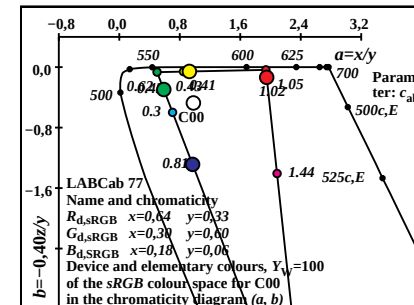
1-000530-L0

TE491-5N\_6



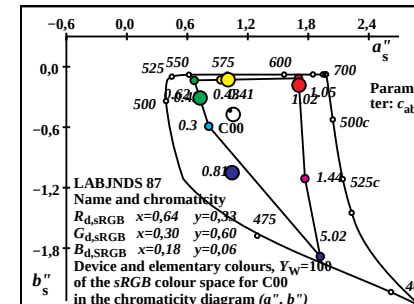
1-000530-L0

TE491-7N\_6



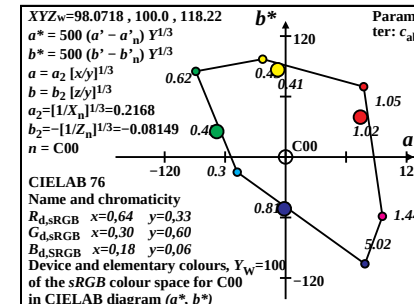
1-000530-L0

TE491-2N\_6



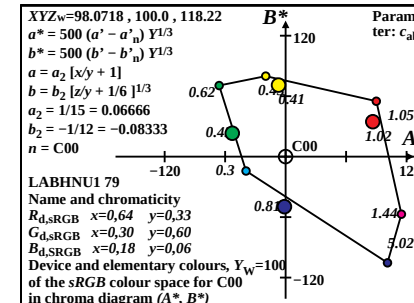
1-000530-L0

TE491-4N\_6



1-000530-L0

TE491-6N\_6



1-000530-L0

TE491-8N\_6

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change



Device and elementary colours of the sRGB colour space for P00,  $Y_w=88,6$ 

| <i>Code</i>         | <i>X</i> <sub>88.6</sub> | <i>Y</i> <sub>88.6</sub> | <i>Z</i> <sub>88.6</sub> | <i>x</i> | <i>y</i> | <i>z</i> | <i>h</i> <sub>xy</sub> | <i>i</i> <sub>d</sub> , <i>λ</i> <sub>d</sub> | <i>i</i> <sub>c</sub> , <i>λ</i> <sub>c</sub> |
|---------------------|--------------------------|--------------------------|--------------------------|----------|----------|----------|------------------------|-----------------------------------------------|-----------------------------------------------|
| R <sub>d,sRGB</sub> | 49.91                    | 25.73                    | 2.33                     | 0.64     | 0.33     | 0.03     | 355.2                  | 41 607                                        | 17 488                                        |
| Y <sub>d,sRGB</sub> | 79.07                    | 84.05                    | 12.05                    | 0.4513   | 0.4797   | 0.0688   | 54.2                   | 34 570                                        | 11 459                                        |
| G <sub>d,sRGB</sub> | 29.15                    | 58.31                    | 9.71                     | 0.3      | 0.6      | 0.0999   | 103.7                  | 28 540                                        | −1 540c                                       |
| C <sub>d,sRGB</sub> | 40.5                     | 62.85                    | 69.47                    | 0.2343   | 0.3636   | 0.4019   | 175.2                  | 17 488                                        | 41 607                                        |
| B <sub>d,sRGB</sub> | 11.34                    | 4.53                     | 59.75                    | 0.15     | 0.06     | 0.79     | 234.3                  | 11 459                                        | 34 570                                        |
| M <sub>d,sRGB</sub> | 61.26                    | 30.27                    | 62.09                    | 0.3987   | 0.197    | 0.4041   | 283.8                  | −1 540c                                       | 28 540                                        |
| R <sub>e,sRGB</sub> | 33.16                    | 17.0                     | 5.7                      | 0.5935   | 0.3043   | 0.1021   | 348.1                  | 47 639                                        | 18 490                                        |
| Y <sub>e,sRGB</sub> | 52.09                    | 56.15                    | 8.09                     | 0.4478   | 0.4826   | 0.0695   | 55.9                   | 33 569                                        | 11 455                                        |
| G <sub>e,sRGB</sub> | 34.53                    | 58.71                    | 43.41                    | 0.2526   | 0.4296   | 0.3176   | 144.6                  | 19 497                                        | −1 497c                                       |
| B <sub>e,sRGB</sub> | 23.4                     | 24.14                    | 77.67                    | 0.1868   | 0.1927   | 0.6203   | 222.7                  | 14 472                                        | 34 574                                        |

1-000630-L0

TE490-1N 7

Device and elementary colours of the sRGB colour space for P00,  $Y_w=88,6$ 

| <i>Code</i>         | <i>Y</i> <sub>88.6</sub> | <i>A</i> <sub>88.6</sub> | <i>B</i> <sub>88.6</sub> | <i>C</i> <sub>AB</sub> | <i>a</i> | <i>b</i> | <i>h</i> <sub>AB</sub> | <i>i</i> <sub>d</sub> , <i>λ</i> <sub>d</sub> | <i>i</i> <sub>c</sub> , <i>λ</i> <sub>c</sub> |
|---------------------|--------------------------|--------------------------|--------------------------|------------------------|----------|----------|------------------------|-----------------------------------------------|-----------------------------------------------|
| R <sub>d,sRGB</sub> | 25.73                    | 23.64                    | 7.4                      | 24.78                  | 1.9393   | -0.0363  | 17.3                   | 41 608                                        | 18 491                                        |
| Y <sub>d,sRGB</sub> | 84.05                    | -6.71                    | 22.42                    | 23.41                  | 0.9407   | -0.0573  | 106.6                  | 33 569                                        | -1 569c                                       |
| G <sub>d,sRGB</sub> | 58.31                    | -30.36                   | 15.01                    | 33.87                  | 0.4999   | -0.0666  | 153.6                  | 27 536                                        | -1 536c                                       |
| C <sub>d,sRGB</sub> | 62.85                    | -23.64                   | -7.4                     | 24.78                  | 0.6444   | -0.4421  | 197.3                  | 17 487                                        | 38 590                                        |
| B <sub>d,sRGB</sub> | 4.53                     | 6.71                     | -22.42                   | 23.41                  | 2.4999   | -5.2665  | 286.6                  | 12 460                                        | 34 571                                        |
| M <sub>d,sRGB</sub> | 30.27                    | 30.36                    | -15.01                   | 33.87                  | 2.0234   | -0.8203  | 333.6                  | -1 556c                                       | 31 556                                        |
| R <sub>e,sRGB</sub> | 17.0                     | 15.8                     | 3.22                     | 16.13                  | 1.9502   | -0.1343  | 11.5                   | -1 493c                                       | 18 493                                        |
| Y <sub>e,sRGB</sub> | 56.15                    | -5.21                    | 14.97                    | 15.85                  | 0.9278   | -0.0576  | 109.2                  | 33 568                                        | -1 568c                                       |
| G <sub>e,sRGB</sub> | 58.71                    | -25.39                   | 1.67                     | 25.45                  | 0.5881   | -0.2957  | 176.2                  | 18 494                                        | -1 494c                                       |
| B <sub>e,sRGB</sub> | 24.14                    | -1.23                    | -23.24                   | 23.27                  | 0.9694   | -1.2869  | 266.9                  | 14 473                                        | 35 575                                        |

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Device and elementary colours of the sRGB colour space for P00,  $Y_w=88,6$ 

| <i>Code</i>         | <i>L</i> <sup>*88.6</sup> | <i>a</i> <sup>*88.6</sup> | <i>b</i> <sup>*88.6</sup> | <i>C</i> <sup>*ab</sup> | <i>a</i> <sup>'</sup> | <i>b</i> <sup>'</sup> | <i>h</i> <sub>ab</sub> | <i>i</i> <sub>d</sub> <sup>λ*</sup> <sub>d</sub> | <i>i</i> <sub>c</sub> <sup>λ*</sup> <sub>c</sub> |
|---------------------|---------------------------|---------------------------|---------------------------|-------------------------|-----------------------|-----------------------|------------------------|--------------------------------------------------|--------------------------------------------------|
| R <sub>d,sRGB</sub> | 57.79                     | 75.87                     | 65.81                     | 100.43                  | 0.2732                | -0.0376               | 40.9                   | -1 479c                                          | 15 479                                           |
| Y <sub>d,sRGB</sub> | 93.47                     | -12.64                    | 82.75                     | 83.71                   | 0.2146                | -0.0438               | 98.6                   | 33 568                                           | 14 470                                           |
| G <sub>d,sRGB</sub> | 80.91                     | -88.41                    | 68.45                     | 111.81                  | 0.1738                | -0.046                | 142.2                  | 27 535                                           | 2 412                                            |
| C <sub>d,sRGB</sub> | 83.36                     | -60.86                    | -18.65                    | 63.65                   | 0.1892                | -0.0865               | 197.0                  | 16 484                                           | -1 484c                                          |
| B <sub>d,sRGB</sub> | 25.4                      | 62.0                      | -109.28                   | 125.64                  | 0.2971                | -0.1976               | 299.5                  | 12 463                                           | 30 554                                           |
| M <sub>d,sRGB</sub> | 61.9                      | 86.01                     | -48.69                    | 98.83                   | 0.277                 | -0.1063               | 330.4                  | -1 527c                                          | 25 527                                           |
| R <sub>e,sRGB</sub> | 48.27                     | 66.71                     | 28.18                     | 72.42                   | 0.2737                | -0.0582               | 22.9                   | -1 483c                                          | 16 483                                           |
| Y <sub>e,sRGB</sub> | 79.7                      | -12.9                     | 72.19                     | 73.34                   | 0.2136                | -0.0439               | 100.1                  | 33 567                                           | 13 469                                           |
| G <sub>e,sRGB</sub> | 81.14                     | -70.27                    | 5.05                      | 70.45                   | 0.1835                | -0.0757               | 175.8                  | 20 501                                           | -1 501c                                          |
| B <sub>e,sRGB</sub> | 56.23                     | -5.29                     | -72.63                    | 72.82                   | 0.2168                | -0.1236               | 265.8                  | 14 472                                           | 35 576                                           |

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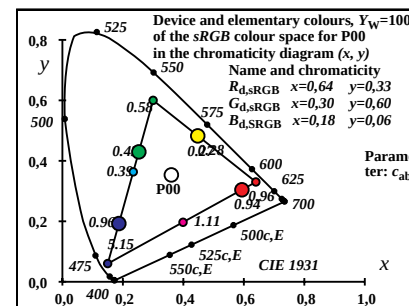
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Device and elementary colours of the sRGB colour space for P00,  $Y_w=88,6$ 

| <i>CodeD65</i>      | <i>L*</i> <sub>88.6</sub> | <i>a*</i> <sub>88.6</sub> | <i>b*</i> <sub>88.6</sub> | <i>C*</i> <sub>ab</sub> | <i>a'</i> | <i>b'</i> | <i>h</i> <sub>ab</sub> | <i>i</i> <sub>d</sub> , $\lambda^*_{\text{d}}$ | <i>i</i> <sub>c</sub> , $\lambda^*_{\text{c}}$ |
|---------------------|---------------------------|---------------------------|---------------------------|-------------------------|-----------|-----------|------------------------|------------------------------------------------|------------------------------------------------|
| R <sub>d,sRGB</sub> | 57.79                     | 77.71                     | 59.69                     | 97.99                   | 0.2732    | -0.0376   | 37.5                   | -1 479c                                        | 15 479                                         |
| Y <sub>d,sRGB</sub> | 93.47                     | -12.94                    | 75.01                     | 76.12                   | 0.2147    | -0.0438   | 99.7                   | 33 567                                         | 13 469                                         |
| G <sub>d,sRGB</sub> | 80.91                     | -90.55                    | 62.05                     | 109.77                  | 0.1739    | -0.046    | 145.5                  | 26 532                                         | -1 532c                                        |
| B <sub>d,sRGB</sub> | 83.36                     | -62.33                    | -16.91                    | 64.58                   | 0.1892    | -0.0866   | 195.1                  | 17 485                                         | -1 485c                                        |
| Q <sub>d,sRGB</sub> | 25.4                      | 63.55                     | -99.08                    | 117.71                  | 0.2972    | -0.1976   | 302.6                  | 12 461                                         | 30 552                                         |
| M <sub>d,sRGB</sub> | 61.9                      | 88.09                     | -44.13                    | 98.53                   | 0.2771    | -0.1064   | 333.3                  | -1 524c                                        | 24 524                                         |
| R <sub>e,sRGB</sub> | 48.27                     | 68.33                     | 25.56                     | 72.96                   | 0.2737    | -0.0582   | 20.5                   | -1 483c                                        | 16 483                                         |
| Y <sub>e,sRGB</sub> | 79.7                      | -13.21                    | 65.45                     | 66.77                   | 0.2137    | -0.0439   | 101.4                  | 33 566                                         | 13 469                                         |
| G <sub>e,sRGB</sub> | 81.14                     | -71.97                    | 4.58                      | 72.11                   | 0.1835    | -0.0757   | 176.3                  | 20 500                                         | -1 500c                                        |
| B <sub>e,sRGB</sub> | 56.23                     | -5.42                     | -65.83                    | 66.05                   | 0.2168    | -0.1236   | 265.2                  | 14 472                                         | 35 576                                         |

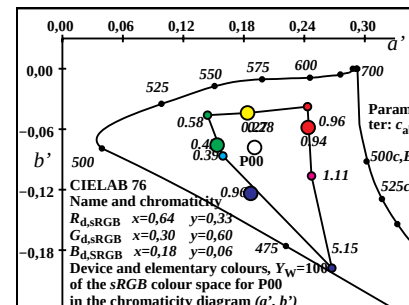
1-000630-L0

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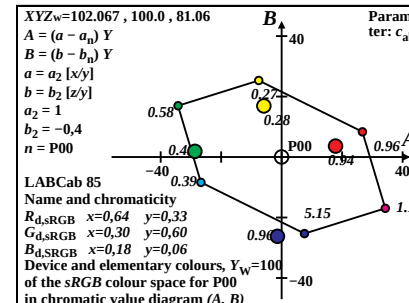
1-000630-L0

TE491-1N 7



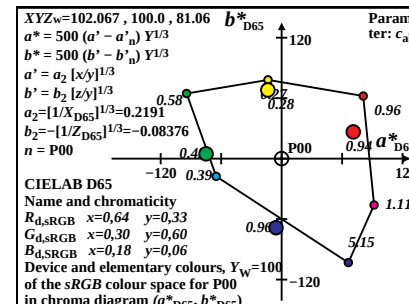
1-000630-L0

TE491-3N 7



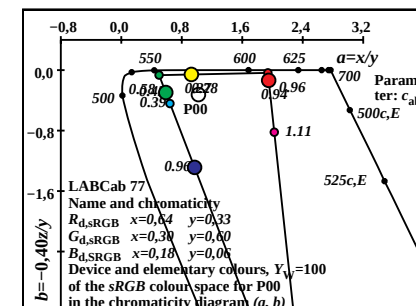
1-000630-LO

TE491-5N 7



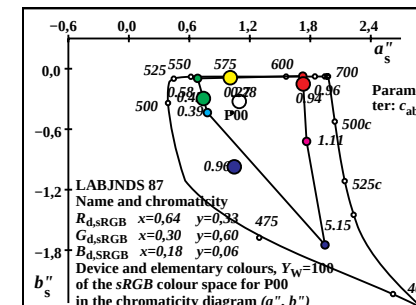
1-000630-LC

TE491-7N 7



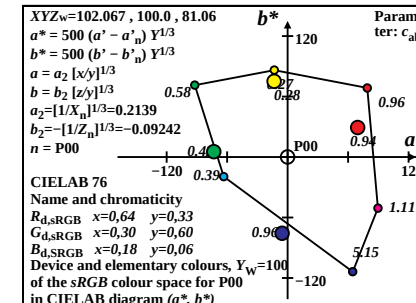
1-000630-L

7-8-2017 (2)



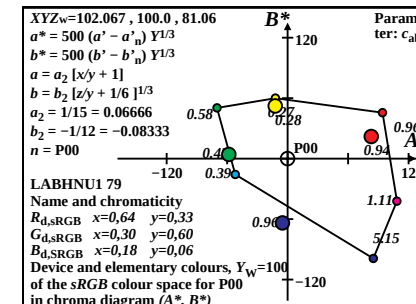
1-000630-L

Diagram (a)



1-000630-L

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1-000630-I

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TUB-test chart TE49; *sRGB*: Basic and mixture colours  
*XYZ*, *YABCh*, *LabCh\** data,  $Y_w=88,6$ , Parameter:  $c_{ab}$

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

TUB registration: 20130201-TE49/TE49L0NP.PDF /.PS  
application for measurement of display output

TUB material: code=rha4ta

**Device and elementary colours of the sRGB colour space for Q00,  $Y_w=88,6$**

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 38.12      | 19.65      | 1.78       | 0.64   | 0.33   | 0.03   | 2.4      | 41 605           | 17 485           |
| $Y_{d,sRGB}$ | 69.04      | 81.5       | 12.09      | 0.4245 | 0.5011 | 0.0743 | 58.0     | 33 566           | 11 459           |
| $G_{d,sRGB}$ | 30.92      | 61.84      | 10.3       | 0.3    | 0.6    | 0.0999 | 91.8     | 28 544           | -1 544c          |
| $C_{d,sRGB}$ | 48.63      | 68.93      | 103.59     | 0.2199 | 0.3116 | 0.4684 | 182.4    | 17 485           | 41 605           |
| $B_{d,sRGB}$ | 17.71      | 7.08       | 93.28      | 0.15   | 0.06   | 0.79   | 238.1    | 11 459           | 33 566           |
| $M_{d,sRGB}$ | 55.83      | 26.74      | 95.07      | 0.3142 | 0.1505 | 0.5351 | 271.8    | -1 544c          | 28 544           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 357.7    | 43 619           | 17 486           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 50.2     | 34 570           | 13 468           |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 116.2    | 22 512           | -1 512c          |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 225.1    | 14 472           | 34 572           |

**Device and elementary colours of the sRGB colour space for Q00,  $Y_w=88,6$**

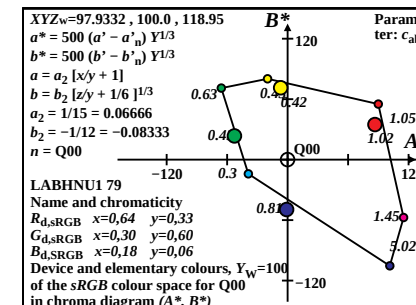
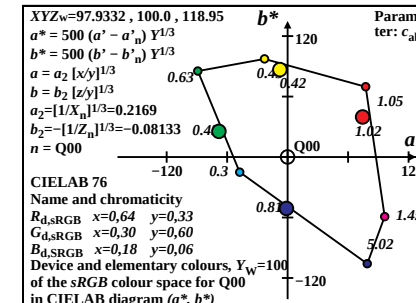
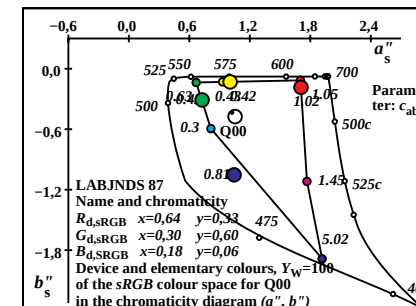
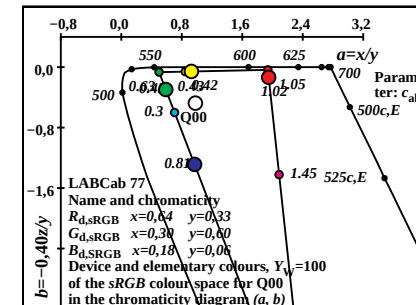
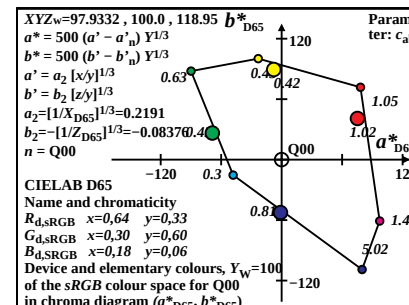
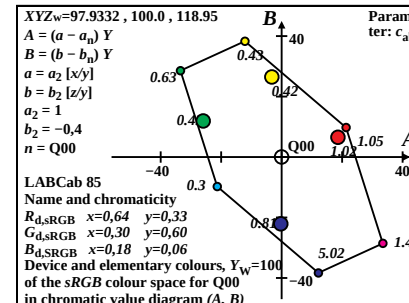
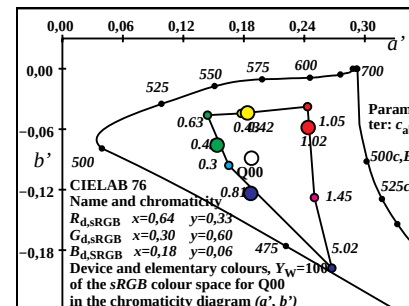
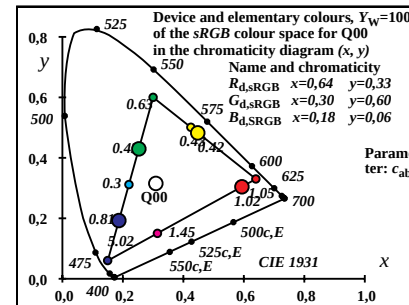
| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 19.65      | 18.87      | 8.63       | 20.75    | 1.9393 | -0.0363 | 24.5     | 41 605           | 16 484           |
| $Y_{d,sRGB}$ | 81.5       | -10.77     | 33.94      | 35.61    | 0.8471 | -0.0593 | 107.6    | 33 566           | 13 465           |
| $G_{d,sRGB}$ | 61.84      | -29.64     | 25.3       | 38.97    | 0.4999 | -0.0666 | 139.5    | 29 545           | -1 545c          |
| $C_{d,sRGB}$ | 68.93      | -18.87     | -8.63      | 20.75    | 0.7055 | -0.6011 | 204.5    | 17 487           | -1 487c          |
| $B_{d,sRGB}$ | 7.08       | 10.77      | -33.94     | 35.61    | 2.4999 | -5.2665 | 287.6    | 11 459           | 32 564           |
| $M_{d,sRGB}$ | 26.74      | 29.64      | -25.3      | 38.97    | 2.0879 | -1.422  | 319.5    | -1 531c          | 26 531           |
| $R_{e,sRGB}$ | 17.0       | 16.5       | 5.8        | 17.5     | 1.9502 | -0.1343 | 19.3     | 43 616           | 17 485           |
| $Y_{e,sRGB}$ | 56.15      | -2.89      | 23.48      | 23.65    | 0.9278 | -0.0576 | 97.0     | 34 570           | 14 470           |
| $G_{e,sRGB}$ | 58.71      | -22.97     | 10.57      | 25.28    | 0.5881 | -0.2957 | 155.2    | 24 524           | -1 524c          |
| $B_{e,sRGB}$ | 24.14      | -0.23      | -19.58     | 19.58    | 0.9694 | -1.2869 | 269.3    | 14 472           | 34 571           |

**Device and elementary colours of the sRGB colour space for Q00,  $Y_w=88,6$**

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{AB}$ | $a'$   | $b'$    | $h_{AB}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 51.45        | 74.34        | 66.84        | 99.97      | 0.2732 | -0.0376 | 41.9     | -1 478c            | 15 478             |
| $Y_{d,sRGB}$ | 92.36        | -22.03       | 93.44        | 96.01      | 0.2072 | -0.0443 | 103.2    | 32 562             | 13 469             |
| $G_{d,sRGB}$ | 82.83        | -85.5        | 81.87        | 118.38     | 0.1738 | -0.046  | 136.2    | 27 535             | 9 449              |
| $C_{d,sRGB}$ | 86.47        | -45.72       | -14.31       | 47.91      | 0.195  | -0.0959 | 197.3    | 16 483             | -1 483c            |
| $B_{d,sRGB}$ | 32.02        | 75.82        | -101.64      | 126.8      | 0.2971 | -0.1976 | 306.7    | 12 461             | 28 544             |
| $M_{d,sRGB}$ | 58.74        | 92.45        | -56.74       | 108.47     | 0.2799 | -0.1278 | 328.4    | -1 524c            | 24 524             |
| $R_{e,sRGB}$ | 48.27        | 71.48        | 38.08        | 80.99      | 0.2737 | -0.0582 | 28.0     | -1 480c            | 16 480             |
| $Y_{e,sRGB}$ | 79.7         | -7.36        | 83.32        | 83.64      | 0.2136 | -0.0439 | 95.0     | 33 568             | 14 471             |
| $G_{e,sRGB}$ | 81.14        | -65.43       | 24.54        | 69.89      | 0.1835 | -0.0757 | 159.4    | 22 513             | -1 513c            |
| $B_{e,sRGB}$ | 56.23        | -1.05        | -48.97       | 48.98      | 0.2168 | -0.1236 | 268.7    | 14 472             | 34 573             |

**Device and elementary colours of the sRGB colour space for Q00,  $Y_w=88,6$**

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{AB}$ | $a'$   | $b'$    | $h_{AB}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 51.45        | 75.1         | 68.94        | 101.94     | 0.2732 | -0.0376 | 42.5     | -1 478c            | 15 478             |
| $Y_{d,sRGB}$ | 92.36        | -22.25       | 96.26        | 98.8       | 0.2073 | -0.0443 | 103.0    | 32 563             | 13 469             |
| $G_{d,sRGB}$ | 82.83        | -86.38       | 84.34        | 120.73     | 0.1739 | -0.046  | 135.6    | 27 536             | 10 450             |
| $C_{d,sRGB}$ | 86.47        | -46.18       | -14.74       | 48.48      | 0.195  | -0.0959 | 197.7    | 16 483             | -1 483c            |
| $B_{d,sRGB}$ | 32.02        | 76.62        | -104.71      | 129.75     | 0.2972 | -0.1976 | 306.1    | 12 461             | 28 544             |
| $M_{d,sRGB}$ | 58.74        | 93.39        | -58.44       | 110.17     | 0.28   | -0.1278 | 327.9    | -1 524c            | 24 524             |
| $R_{e,sRGB}$ | 48.27        | 72.21        | 39.25        | 82.19      | 0.2737 | -0.0582 | 28.5     | -1 480c            | 16 480             |
| $Y_{e,sRGB}$ | 79.7         | -7.43        | 85.84        | 86.16      | 0.2137 | -0.0439 | 94.9     | 33 568             | 14 471             |
| $G_{e,sRGB}$ | 81.14        | -66.1        | 25.28        | 70.77      | 0.1835 | -0.0757 | 159.0    | 22 513             | -1 513c            |
| $B_{e,sRGB}$ | 56.23        | -1.06        | -50.44       | 50.45      | 0.2168 | -0.1236 | 268.7    | 14 472             | 34 573             |





### Device and elementary colours of the sRGB colour space for D65, $Y_{w,10}=88,6$

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 36.54      | 18.84      | 1.71       | 0.64   | 0.3299 | 0.03   | 359.8    | 41 608           | 16 480           |
| $Y_{d,sRGB}$ | 68.27      | 82.3       | 12.28      | 0.4192 | 0.5053 | 0.0754 | 58.8     | 32 560           | 10 451           |
| $G_{d,sRGB}$ | 31.72      | 63.45      | 10.57      | 0.3    | 0.6    | 0.0999 | 92.9     | 27 537           | -1 537c          |
| $C_{d,sRGB}$ | 47.45      | 69.74      | 93.37      | 0.2253 | 0.3312 | 0.4434 | 179.8    | 16 480           | 41 608           |
| $B_{d,sRGB}$ | 15.72      | 6.28       | 82.79      | 0.1499 | 0.0599 | 0.7899 | 238.8    | 10 451           | 32 560           |
| $M_{d,sRGB}$ | 52.26      | 25.13      | 84.51      | 0.3228 | 0.1552 | 0.5219 | 272.9    | -1 537c          | 27 537           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 354.5    | 47 635           | 16 481           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 48.5     | 33 565           | 12 464           |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 121.7    | 20 502           | -1 502c          |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 227.4    | 13 465           | 33 565           |

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### Device and elementary colours of the sRGB colour space for D65, $Y_{w,10}=88,6$

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 18.84      | 18.67      | 7.4        | 20.09    | 1.9393 | -0.0363 | 21.6     | 41 608           | 16 480           |
| $Y_{d,sRGB}$ | 82.3       | -9.75      | 30.41      | 31.94    | 0.8295 | -0.0597 | 107.7    | 32 560           | 12 461           |
| $G_{d,sRGB}$ | 63.45      | -28.43     | 23.01      | 36.58    | 0.4999 | -0.0666 | 141.0    | 27 538           | -1 538c          |
| $C_{d,sRGB}$ | 69.74      | -18.67     | -7.4       | 20.09    | 0.6803 | -0.5355 | 201.6    | 16 480           | 43 617           |
| $B_{d,sRGB}$ | 6.28       | 9.75       | -30.41     | 31.94    | 2.4999 | -5.2665 | 287.7    | 10 451           | 31 556           |
| $M_{d,sRGB}$ | 25.13      | 28.43      | -23.01     | 36.58    | 2.0796 | -1.345  | 321.0    | -1 527c          | 25 527           |
| $R_{e,sRGB}$ | 17.0       | 17.04      | 5.01       | 17.76    | 1.9502 | -0.1343 | 16.4     | 46 633           | 16 481           |
| $Y_{e,sRGB}$ | 56.15      | -1.14      | 20.87      | 20.9     | 0.9278 | -0.0576 | 93.1     | 33 565           | 13 468           |
| $G_{e,sRGB}$ | 58.71      | -21.13     | 7.84       | 22.54    | 0.5881 | -0.2957 | 159.6    | 22 510           | -1 510c          |
| $B_{e,sRGB}$ | 24.14      | 0.51       | -20.7      | 20.71    | 0.9694 | -1.2869 | 271.4    | 12 464           | 32 562           |

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TE490-3N\_1

### Device and elementary colours of the sRGB colour space for D65, $Y_{w,10}=88,6$

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 50.51        | 77.2         | 64.22        | 100.42     | 0.2732 | -0.0376 | 39.7     | -1 473c            | 14 473             |
| $Y_{d,sRGB}$ | 92.71        | -20.4        | 90.29        | 92.56      | 0.2058 | -0.0444 | 102.7    | 31 555             | 12 463             |
| $G_{d,sRGB}$ | 83.68        | -82.52       | 79.46        | 114.56     | 0.1738 | -0.046  | 136.0    | 25 529             | 7 435              |
| $C_{d,sRGB}$ | 86.87        | -46.43       | -13.55       | 48.37      | 0.1926 | -0.0923 | 196.2    | 15 477             | -1 477c            |
| $B_{d,sRGB}$ | 30.15        | 75.8         | -103.85      | 128.58     | 0.2971 | -0.1976 | 306.1    | 10 453             | 27 538             |
| $M_{d,sRGB}$ | 57.21        | 94.42        | -58.45       | 111.05     | 0.2796 | -0.1254 | 328.2    | -1 519c            | 23 519             |
| $R_{e,sRGB}$ | 48.27        | 75.26        | 35.55        | 83.23      | 0.2737 | -0.0582 | 25.2     | -1 475c            | 15 475             |
| $Y_{e,sRGB}$ | 79.7         | -2.96        | 80.48        | 80.53      | 0.2136 | -0.0439 | 92.1     | 32 564             | 13 465             |
| $G_{e,sRGB}$ | 81.14        | -61.6        | 19.56        | 64.63      | 0.1835 | -0.0757 | 162.3    | 21 506             | -1 506c            |
| $B_{e,sRGB}$ | 56.23        | 2.31         | -55.01       | 55.06      | 0.2168 | -0.1236 | 272.4    | 13 465             | 32 564             |

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TE490-5N\_1

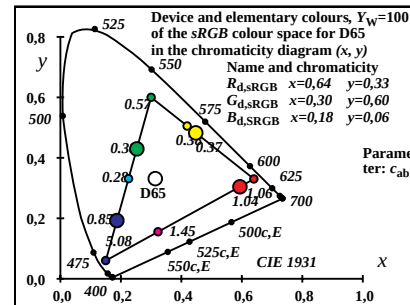
### Device and elementary colours of the sRGB colour space for D65, $Y_{w,10}=88,6$

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 50.51        | 77.16        | 63.99        | 100.24     | 0.2732 | -0.0376 | 39.6     | -1 473c            | 14 473             |
| $Y_{d,sRGB}$ | 92.71        | -20.39       | 89.87        | 92.16      | 0.2058 | -0.0444 | 102.7    | 31 555             | 12 463             |
| $G_{d,sRGB}$ | 83.68        | -82.46       | 79.11        | 114.27     | 0.1739 | -0.046  | 136.1    | 25 529             | 6 434              |
| $C_{d,sRGB}$ | 86.87        | -46.4        | -13.49       | 48.32      | 0.1927 | -0.0923 | 196.2    | 15 477             | -1 477c            |
| $B_{d,sRGB}$ | 30.15        | 75.79        | -103.39      | 128.2      | 0.2972 | -0.1976 | 306.2    | 10 453             | 27 538             |
| $M_{d,sRGB}$ | 57.21        | 94.36        | -58.18       | 110.86     | 0.2796 | -0.1254 | 328.3    | -1 519c            | 23 519             |
| $R_{e,sRGB}$ | 48.27        | 75.22        | 35.41        | 83.14      | 0.2737 | -0.0582 | 25.2     | -1 475c            | 15 475             |
| $Y_{e,sRGB}$ | 79.7         | -2.96        | 80.12        | 80.17      | 0.2137 | -0.0439 | 92.1     | 32 564             | 13 465             |
| $G_{e,sRGB}$ | 81.14        | -61.56       | 19.47        | 64.57      | 0.1835 | -0.0757 | 162.4    | 21 506             | -1 506c            |
| $B_{e,sRGB}$ | 56.23        | 2.31         | -54.76       | 54.81      | 0.2168 | -0.1236 | 272.4    | 13 465             | 32 564             |

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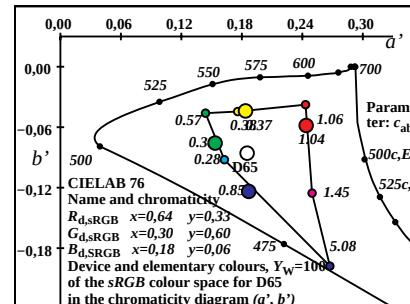
TE490-7N\_1

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_{w,10}=88,6$ , Parameter:  $c_{ab}$



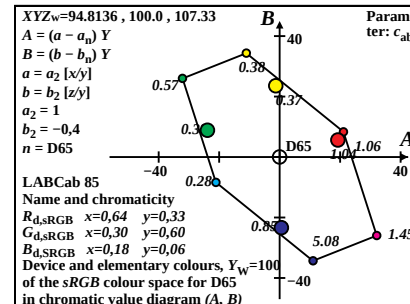
1-001030-L0

TE491-1N\_1



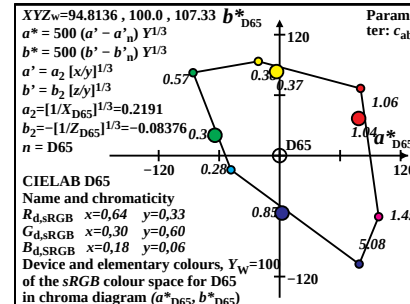
1-001030-L0

TE491-3N\_1



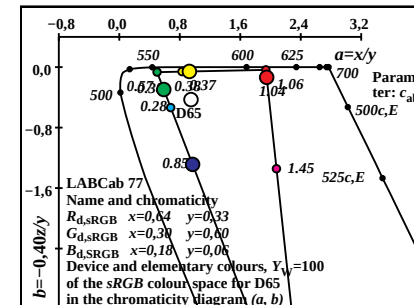
1-001030-L0

TE491-5N\_1



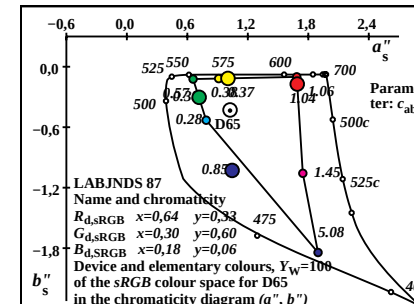
1-001030-L0

TE491-7N\_1



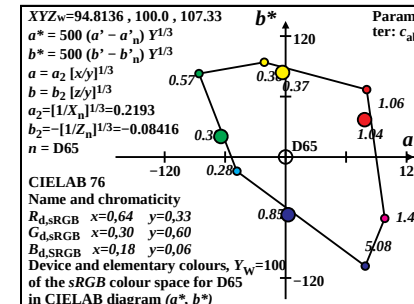
1-001030-L0

TE491-2N\_1



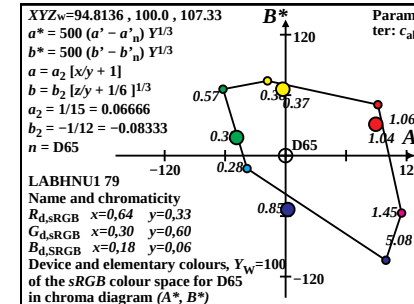
1-001030-L0

TE491-4N\_1



1-001030-L0

TE491-6N\_1



1-001030-L0

TE491-8N\_1

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

| Device and elementary colours of the sRGB colour space for D50, $Y_{w,10}=88,6$ |            |            |            |        |        |        |          |                  |                  |  |
|---------------------------------------------------------------------------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|--|
| Code                                                                            | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |  |
| $R_{d,sRGB}$                                                                    | 43.53      | 22.44      | 2.04       | 0.64   | 0.3299 | 0.03   | 354.2    | 42 610           | 16 482           |  |
| $Y_{d,sRGB}$                                                                    | 74.33      | 84.04      | 12.3       | 0.4354 | 0.4924 | 0.0721 | 56.5     | 32 562           | 10 451           |  |
| $G_{d,sRGB}$                                                                    | 30.8       | 61.6       | 10.26      | 0.3    | 0.6    | 0.0999 | 101.2    | 26 534           | -1 534c          |  |
| $C_{d,sRGB}$                                                                    | 42.15      | 66.14      | 70.08      | 0.2363 | 0.3707 | 0.3928 | 174.2    | 16 482           | 42 610           |  |
| $B_{d,sRGB}$                                                                    | 11.35      | 4.54       | 59.81      | 0.15   | 0.06   | 0.79   | 236.5    | 10 451           | 32 562           |  |
| $M_{d,sRGB}$                                                                    | 54.88      | 26.98      | 61.85      | 0.3818 | 0.1877 | 0.4303 | 281.2    | -1 534c          | 26 534           |  |
| $R_{e,sRGB}$                                                                    | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 347.3    | 58 692           | 16 484           |  |
| $Y_{e,sRGB}$                                                                    | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 50.8     | 32 564           | 12 461           |  |
| $G_{e,sRGB}$                                                                    | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 143.5    | 18 492           | -1 492c          |  |
| $B_{e,sRGB}$                                                                    | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 226.0    | 13 465           | 33 567           |  |

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TE490-1N\_2

| Device and elementary colours of the sRGB colour space for D50, $Y_{w,10}=88,6$ |            |            |            |          |        |         |          |                  |                  |  |
|---------------------------------------------------------------------------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|--|
| Code                                                                            | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |  |
| $R_{d,sRGB}$                                                                    | 22.44      | 21.82      | 6.49       | 22.76    | 1.9393 | -0.0363 | 16.5     | 42 612           | 17 486           |  |
| $Y_{d,sRGB}$                                                                    | 84.04      | -6.96      | 22.44      | 23.5     | 0.8844 | -0.0585 | 107.2    | 32 562           | 11 456           |  |
| $G_{d,sRGB}$                                                                    | 61.6       | -28.78     | 15.95      | 32.9     | 0.4999 | -0.0666 | 151.0    | 26 532           | -1 532c          |  |
| $C_{d,sRGB}$                                                                    | 66.14      | -21.82     | -6.49      | 22.76    | 0.6373 | -0.4238 | 196.5    | 16 480           | 36 582           |  |
| $B_{d,sRGB}$                                                                    | 4.54       | 6.96       | -22.44     | 23.5     | 2.4999 | -5.2665 | 287.2    | 10 451           | 32 562           |  |
| $M_{d,sRGB}$                                                                    | 26.98      | 28.78      | -15.95     | 32.9     | 2.0337 | -0.9167 | 331.0    | -1 544c          | 28 544           |  |
| $R_{e,sRGB}$                                                                    | 17.0       | 16.71      | 3.25       | 17.02    | 1.9502 | -0.1343 | 11.0     | -1 488c          | 17 488           |  |
| $Y_{e,sRGB}$                                                                    | 56.15      | -2.21      | 15.04      | 15.21    | 0.9278 | -0.0576 | 98.3     | 33 565           | 13 465           |  |
| $G_{e,sRGB}$                                                                    | 58.71      | -22.26     | 1.75       | 22.33    | 0.5881 | -0.2957 | 175.4    | 17 488           | -1 488c          |  |
| $B_{e,sRGB}$                                                                    | 24.14      | 0.05       | -23.2      | 23.2     | 0.9694 | -1.2869 | 270.1    | 13 465           | 33 565           |  |

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TE490-3N\_2

| Device and elementary colours of the sRGB colour space for D50, $Y_{w,10}=88,6$ |              |              |              |            |        |         |          |                    |                    |  |
|---------------------------------------------------------------------------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|--|
| Code                                                                            | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |  |
| $R_{d,sRGB}$                                                                    | 54.5         | 79.28        | 62.95        | 101.24     | 0.2732 | -0.0376 | 38.4     | -1 473c            | 14 473             |  |
| $Y_{d,sRGB}$                                                                    | 93.47        | -13.87       | 82.18        | 83.34      | 0.2102 | -0.0441 | 99.5     | 31 559             | 12 463             |  |
| $G_{d,sRGB}$                                                                    | 82.7         | -83.98       | 69.86        | 109.24     | 0.1738 | -0.046  | 140.2    | 25 529             | -1 529c            |  |
| $C_{d,sRGB}$                                                                    | 85.07        | -56.54       | -15.99       | 58.76      | 0.1885 | -0.0853 | 195.7    | 15 479             | -1 479c            |  |
| $B_{d,sRGB}$                                                                    | 25.42        | 66.36        | -109.06      | 127.66     | 0.2971 | -0.1976 | 301.3    | 11 455             | 28 544             |  |
| $M_{d,sRGB}$                                                                    | 58.97        | 90.81        | -53.24       | 105.27     | 0.2775 | -0.1104 | 329.6    | -1 521c            | 24 521             |  |
| $R_{e,sRGB}$                                                                    | 48.27        | 72.92        | 28.3         | 78.22      | 0.2737 | -0.0582 | 21.2     | -1 477c            | 15 477             |  |
| $Y_{e,sRGB}$                                                                    | 79.7         | -5.68        | 72.33        | 72.55      | 0.2136 | -0.0439 | 94.4     | 32 563             | 12 464             |  |
| $G_{e,sRGB}$                                                                    | 81.14        | -63.97       | 5.28         | 64.19      | 0.1835 | -0.0757 | 175.2    | 19 495             | -1 495c            |  |
| $B_{e,sRGB}$                                                                    | 56.23        | 0.23         | -72.34       | 72.34      | 0.2168 | -0.1236 | 270.1    | 13 465             | 33 566             |  |

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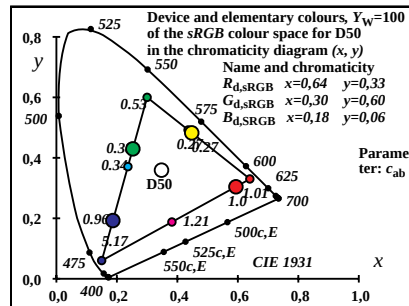
TE490-5N\_2

| Device and elementary colours of the sRGB colour space for D50, $Y_{w,10}=88,6$ |              |              |              |            |        |         |          |                    |                    |  |
|---------------------------------------------------------------------------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|--|
| CodeD65                                                                         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |  |
| $R_{d,sRGB}$                                                                    | 54.5         | 79.76        | 57.19        | 98.15      | 0.2732 | -0.0376 | 35.6     | -1 474c            | 14 474             |  |
| $Y_{d,sRGB}$                                                                    | 93.47        | -13.95       | 74.6         | 75.9       | 0.2103 | -0.0441 | 100.5    | 31 558             | 12 463             |  |
| $G_{d,sRGB}$                                                                    | 82.7         | -84.49       | 63.42        | 105.64     | 0.1739 | -0.046  | 143.1    | 25 527             | -1 527c            |  |
| $C_{d,sRGB}$                                                                    | 85.07        | -56.88       | -14.51       | 58.7       | 0.1885 | -0.0853 | 194.3    | 15 479             | -1 479c            |  |
| $B_{d,sRGB}$                                                                    | 25.42        | 66.82        | -99.02       | 119.46     | 0.2972 | -0.1976 | 304.0    | 10 453             | 28 542             |  |
| $M_{d,sRGB}$                                                                    | 58.97        | 91.36        | -48.33       | 103.36     | 0.2775 | -0.1104 | 332.1    | -1 519c            | 23 519             |  |
| $R_{e,sRGB}$                                                                    | 48.27        | 73.37        | 25.7         | 77.74      | 0.2737 | -0.0582 | 19.3     | -1 478c            | 15 478             |  |
| $Y_{e,sRGB}$                                                                    | 79.7         | -5.71        | 65.66        | 65.91      | 0.2137 | -0.0439 | 94.9     | 32 563             | 12 464             |  |
| $G_{e,sRGB}$                                                                    | 81.14        | -64.36       | 4.8          | 64.53      | 0.1835 | -0.0757 | 175.7    | 18 494             | -1 494c            |  |
| $B_{e,sRGB}$                                                                    | 56.23        | 0.23         | -65.67       | 65.67      | 0.2168 | -0.1236 | 270.2    | 13 465             | 33 566             |  |

1-001130-L0

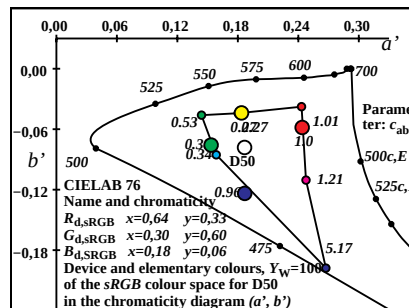
TE490-7N\_2

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_{w,10}=88,6$ , Parameter:  $c_{ab}$



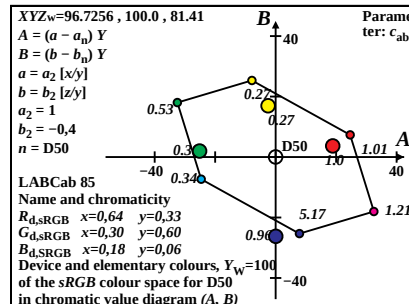
1-001130-L0

TE491-1N\_2



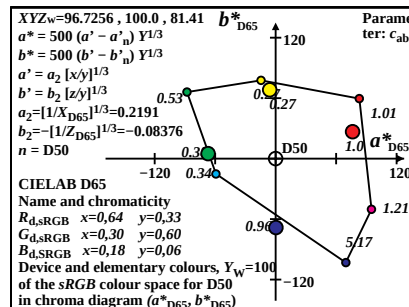
1-001130-L0

TE491-3N\_2



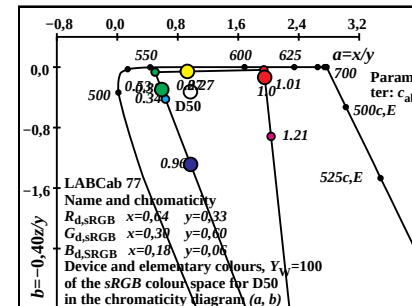
1-001130-L0

TE491-5N\_2



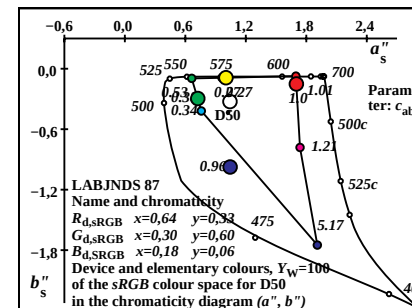
1-001130-L0

TE491-7N\_2



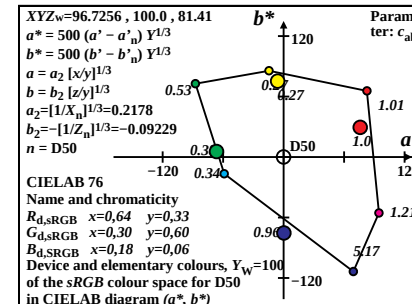
1-001130-L0

TE491-2N\_2



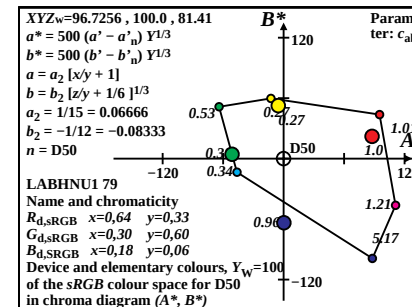
1-001130-L0

TE491-4N\_2



1-001130-L0

TE491-6N\_2



1-001130-L0

TE491-8N\_2

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

**Device and elementary colours of the sRGB colour space for P40,  $Y_{w,10}=88,6$**

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 52.57      | 27.1       | 2.46       | 0.64   | 0.33   | 0.03   | 349.9    | 42 611           | 16 484           |
| $Y_{d,sRGB}$ | 81.6       | 85.17      | 12.14      | 0.456  | 0.476  | 0.0678 | 53.6     | 33 565           | 10 452           |
| $G_{d,sRGB}$ | 29.03      | 58.06      | 9.67       | 0.3    | 0.6    | 0.0999 | 110.1    | 26 531           | -1 531c          |
| $C_{d,sRGB}$ | 37.56      | 61.48      | 54.62      | 0.2444 | 0.4    | 0.3554 | 169.9    | 16 484           | 42 611           |
| $B_{d,sRGB}$ | 8.53       | 3.41       | 44.95      | 0.15   | 0.0599 | 0.79   | 233.6    | 10 452           | 33 565           |
| $M_{d,sRGB}$ | 61.1       | 30.52      | 47.41      | 0.4394 | 0.2195 | 0.341  | 290.1    | -1 531c          | 26 531           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 341.3    | -1 487c          | 17 487           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 58.4     | 32 564           | 5 425            |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 157.3    | 17 488           | -1 488c          |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 223.1    | 13 466           | 33 569           |

**Device and elementary colours of the sRGB colour space for P40,  $Y_{w,10}=88,6$**

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 27.1       | 24.98      | 6.0        | 25.7     | 1.9393 | -0.0363 | 13.5     | 46 630           | 18 494           |
| $Y_{d,sRGB}$ | 85.17      | -5.06      | 17.1       | 17.83    | 0.958  | -0.057  | 106.4    | 32 563           | -1 563c          |
| $G_{d,sRGB}$ | 58.06      | -30.05     | 11.09      | 32.03    | 0.4999 | -0.0666 | 159.7    | 22 514           | -1 514c          |
| $C_{d,sRGB}$ | 61.48      | -24.98     | -6.0       | 25.7     | 0.611  | -0.3554 | 193.5    | 16 481           | 35 577           |
| $B_{d,sRGB}$ | 3.41       | 5.06       | -17.09     | 17.83    | 2.4999 | -5.2665 | 286.4    | 10 452           | 33 568           |
| $M_{d,sRGB}$ | 30.52      | 30.05      | -11.09     | 32.03    | 2.002  | -0.6214 | 339.7    | -1 560c          | 32 560           |
| $R_{e,sRGB}$ | 17.0       | 15.86      | 2.09       | 15.99    | 1.9502 | -0.1343 | 7.5      | -1 502c          | 20 502           |
| $Y_{e,sRGB}$ | 56.15      | -5.03      | 11.23      | 12.31    | 0.9278 | -0.0576 | 114.1    | 32 560           | -1 560c          |
| $G_{e,sRGB}$ | 58.71      | -25.21     | -2.22      | 25.31    | 0.5881 | -0.2957 | 185.0    | 16 484           | 36 580           |
| $B_{e,sRGB}$ | 24.14      | -1.16      | -24.84     | 24.87    | 0.9694 | -1.2869 | 267.3    | 13 466           | 34 570           |

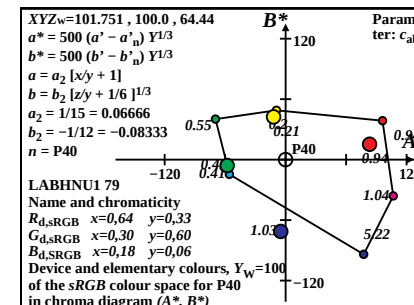
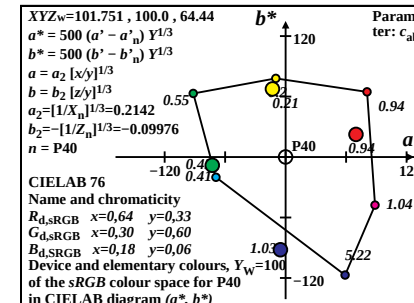
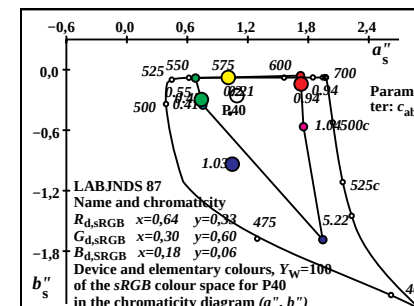
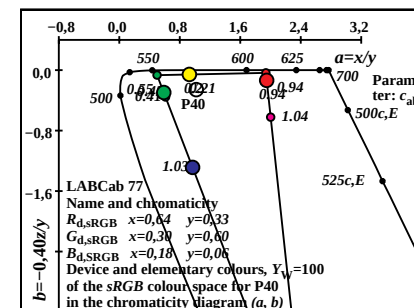
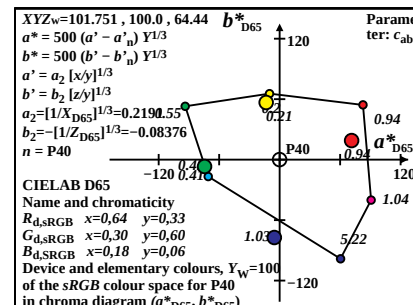
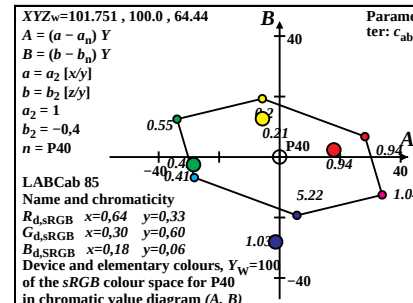
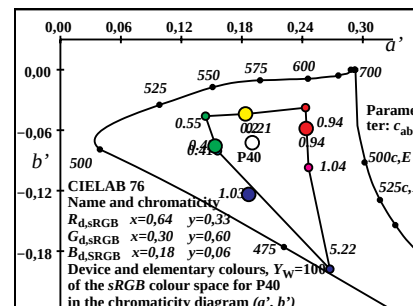
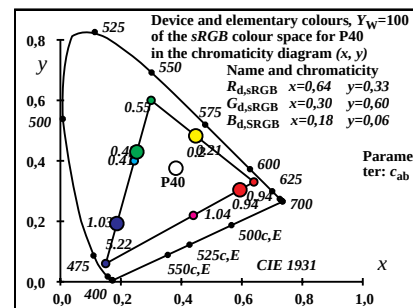
**Device and elementary colours of the sRGB colour space for P40,  $Y_{w,10}=88,6$**

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 59.08        | 77.6         | 62.01        | 99.34      | 0.2732 | -0.0376 | 38.6     | -1 474c            | 14 474             |
| $Y_{d,sRGB}$ | 93.96        | -9.41        | 74.91        | 75.5       | 0.2159 | -0.0437 | 97.1     | 32 563             | 12 463             |
| $G_{d,sRGB}$ | 80.78        | -87.95       | 60.53        | 106.77     | 0.1738 | -0.046  | 145.4    | 25 529             | -1 529c            |
| $C_{d,sRGB}$ | 82.64        | -66.44       | -19.21       | 69.17      | 0.1859 | -0.0805 | 196.1    | 16 480             | -1 480c            |
| $B_{d,sRGB}$ | 21.66        | 56.59        | -112.43      | 125.87     | 0.2971 | -0.1976 | 296.7    | 11 456             | 30 550             |
| $M_{d,sRGB}$ | 62.11        | 85.18        | -45.88       | 96.76      | 0.2761 | -0.0969 | 331.6    | -1 523c            | 24 523             |
| $R_{e,sRGB}$ | 48.27        | 67.06        | 21.63        | 70.46      | 0.2737 | -0.0582 | 17.8     | -1 479c            | 15 479             |
| $Y_{e,sRGB}$ | 79.7         | -12.49       | 64.83        | 66.02      | 0.2136 | -0.0439 | 100.9    | 32 561             | 12 462             |
| $G_{e,sRGB}$ | 81.14        | -69.91       | -7.84        | 70.35      | 0.1835 | -0.0757 | 186.4    | 17 485             | -1 485c            |
| $B_{e,sRGB}$ | 56.23        | -4.98        | -88.29       | 88.43      | 0.2168 | -0.1236 | 266.7    | 13 465             | 34 571             |

**Device and elementary colours of the sRGB colour space for P40,  $Y_{w,10}=88,6$**

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 59.08        | 79.4         | 52.1         | 94.97      | 0.2732 | -0.0376 | 33.2     | -1 475c            | 15 475             |
| $Y_{d,sRGB}$ | 93.96        | -9.62        | 62.9         | 63.64      | 0.216  | -0.0437 | 98.7     | 32 562             | 12 463             |
| $G_{d,sRGB}$ | 80.78        | -89.99       | 50.83        | 103.35     | 0.1739 | -0.046  | 150.5    | 24 524             | -1 524c            |
| $C_{d,sRGB}$ | 82.64        | -67.98       | -16.13       | 69.87      | 0.1859 | -0.0805 | 193.3    | 16 481             | -1 481c            |
| $B_{d,sRGB}$ | 21.66        | 57.97        | -94.44       | 110.81     | 0.2972 | -0.1976 | 301.5    | 10 453             | 29 547             |
| $M_{d,sRGB}$ | 62.11        | 87.16        | -38.53       | 95.29      | 0.2761 | -0.0969 | 336.1    | -1 519c            | 23 519             |
| $R_{e,sRGB}$ | 48.27        | 68.62        | 18.17        | 70.99      | 0.2737 | -0.0582 | 14.8     | -1 480c            | 16 480             |
| $Y_{e,sRGB}$ | 79.7         | -12.78       | 54.44        | 55.92      | 0.2137 | -0.0439 | 103.2    | 31 559             | 12 462             |
| $G_{e,sRGB}$ | 81.14        | -71.53       | -6.58        | 71.83      | 0.1835 | -0.0757 | 185.2    | 17 486             | -1 486c            |
| $B_{e,sRGB}$ | 56.23        | -5.09        | -74.14       | 74.31      | 0.2168 | -0.1236 | 266.0    | 13 466             | 34 571             |

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_{w,10}=88,6$ , Parameter:  $c_{ab}$



input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change



### Device and elementary colours of the sRGB colour space for A00, $Y_{w,10}=88,6$

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 69.02      | 35.59      | 3.23       | 0.64   | 0.33   | 0.03   | 338.1    | 44 620           | 18 490           |
| $Y_{d,sRGB}$ | 94.79      | 87.11      | 11.82      | 0.4892 | 0.4496 | 0.061  | 48.8     | 34 571           | 10 452           |
| $G_{d,sRGB}$ | 25.76      | 51.52      | 8.58       | 0.3    | 0.6    | 0.0999 | 127.9    | 23 516           | -1 516c          |
| $C_{d,sRGB}$ | 29.43      | 52.99      | 27.94      | 0.2666 | 0.4801 | 0.2531 | 158.0    | 18 490           | 44 620           |
| $B_{d,sRGB}$ | 3.67       | 1.47       | 19.36      | 0.1499 | 0.06   | 0.79   | 228.9    | 10 452           | 34 571           |
| $M_{d,sRGB}$ | 72.7       | 37.06      | 22.59      | 0.5492 | 0.28   | 0.1707 | 307.9    | -1 516c          | 23 516           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 324.4    | -1 497c          | 19 497           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 92.4     | 31 559           | -1 559c          |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 173.1    | 17 485           | 38 590           |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 218.8    | 13 467           | 34 573           |

1-001330-L0

TE490-1N\_4

### Device and elementary colours of the sRGB colour space for A00, $Y_{w,10}=88,6$

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 35.59      | 29.46      | 3.71       | 29.7     | 1.9393 | -0.0363 | 7.1      | -1 597c          | 39 597           |
| $Y_{d,sRGB}$ | 87.11      | -2.04      | 7.53       | 7.8      | 1.088  | -0.0542 | 105.1    | 15 476           | 34 573           |
| $G_{d,sRGB}$ | 51.52      | -31.5      | 3.81       | 31.73    | 0.4999 | -0.0666 | 173.0    | 18 494           | 31 557           |
| $C_{d,sRGB}$ | 52.99      | -29.46     | -3.71      | 29.7     | 0.5554 | -0.2109 | 187.1    | 17 485           | 33 567           |
| $B_{d,sRGB}$ | 1.47       | 2.04       | -7.53      | 7.8      | 2.4998 | -5.2663 | 285.1    | 10 452           | 35 578           |
| $M_{d,sRGB}$ | 37.06      | 31.5       | -3.81      | 31.73    | 1.9616 | -0.2438 | 353.0    | -1 585c          | 37 585           |
| $R_{e,sRGB}$ | 17.0       | 14.26      | 0.11       | 14.26    | 1.9502 | -0.1343 | 0.4      | -1 589c          | 37 589           |
| $Y_{e,sRGB}$ | 56.15      | -10.31     | 4.66       | 11.32    | 0.9278 | -0.0576 | 155.6    | 16 483           | 33 569           |
| $G_{e,sRGB}$ | 58.71      | -30.73     | -9.09      | 32.05    | 0.5881 | -0.2957 | 196.4    | 16 482           | 34 570           |
| $B_{e,sRGB}$ | 24.14      | -3.43      | -27.67     | 27.88    | 0.9694 | -1.2869 | 262.9    | 13 467           | 35 576           |

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TE490-3N\_4

### Device and elementary colours of the sRGB colour space for A00, $Y_{w,10}=88,6$

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 66.21        | 72.23        | 51.45        | 88.68      | 0.2732 | -0.0376 | 35.4     | -1 475c            | 15 475             |
| $Y_{d,sRGB}$ | 94.79        | -3.37        | 51.98        | 52.09      | 0.2253 | -0.043  | 93.7     | 34 570             | 12 463             |
| $G_{d,sRGB}$ | 77.0         | -93.69       | 35.36        | 100.14     | 0.1738 | -0.046  | 159.3    | 25 525             | -1 525c            |
| $C_{d,sRGB}$ | 77.87        | -83.5        | -23.34       | 86.71      | 0.18   | -0.0676 | 195.6    | 16 482             | -1 482c            |
| $B_{d,sRGB}$ | 12.48        | 37.88        | -114.76      | 120.85     | 0.2971 | -0.1976 | 288.2    | 11 458             | 32 561             |
| $M_{d,sRGB}$ | 67.33        | 74.86        | -28.86       | 80.23      | 0.2742 | -0.071  | 338.9    | -1 525c            | 25 525             |
| $R_{e,sRGB}$ | 48.27        | 57.08        | 1.72         | 57.1       | 0.2737 | -0.0582 | 1.7      | -1 495c            | 19 495             |
| $Y_{e,sRGB}$ | 79.7         | -24.1        | 42.47        | 48.83      | 0.2136 | -0.0439 | 119.5    | 30 554             | 10 451             |
| $G_{e,sRGB}$ | 81.14        | -80.03       | -47.0        | 92.81      | 0.1835 | -0.0757 | 210.4    | 15 477             | -1 477c            |
| $B_{e,sRGB}$ | 56.23        | -13.87       | -135.83      | 136.54     | 0.2168 | -0.1236 | 264.1    | 13 465             | 35 576             |

1-001330-L0

TE490-5N\_4

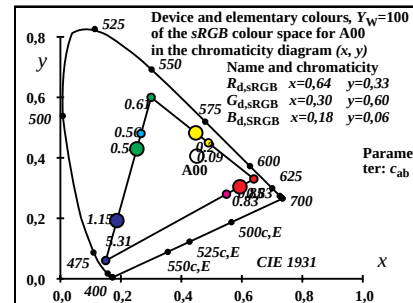
### Device and elementary colours of the sRGB colour space for A00, $Y_{w,10}=88,6$

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 66.21        | 76.11        | 35.32        | 83.91      | 0.2732 | -0.0376 | 24.8     | -1 478c            | 15 478             |
| $Y_{d,sRGB}$ | 94.79        | -3.56        | 35.68        | 35.85      | 0.2253 | -0.043  | 95.6     | 33 569             | 12 463             |
| $G_{d,sRGB}$ | 77.0         | -98.73       | 24.27        | 101.67     | 0.1739 | -0.046  | 166.1    | 23 517             | -1 517c            |
| $C_{d,sRGB}$ | 77.87        | -88.0        | -16.02       | 89.44      | 0.1801 | -0.0676 | 190.3    | 17 485             | -1 485c            |
| $B_{d,sRGB}$ | 12.48        | 40.03        | -78.83       | 88.41      | 0.2972 | -0.1976 | 296.9    | 10 453             | 31 555             |
| $M_{d,sRGB}$ | 67.33        | 78.88        | -19.8        | 81.33      | 0.2742 | -0.071  | 345.9    | -1 517c            | 23 517             |
| $R_{e,sRGB}$ | 48.27        | 60.15        | 1.18         | 60.17      | 0.2737 | -0.0582 | 1.1      | -1 496c            | 19 496             |
| $Y_{e,sRGB}$ | 79.7         | -25.39       | 29.15        | 38.66      | 0.2137 | -0.0439 | 131.0    | 29 548             | 6 433              |
| $G_{e,sRGB}$ | 81.14        | -84.33       | -32.26       | 90.29      | 0.1835 | -0.0757 | 200.9    | 16 480             | -1 480c            |
| $B_{e,sRGB}$ | 56.23        | -14.61       | -93.23       | 94.37      | 0.2168 | -0.1236 | 261.0    | 13 466             | 35 578             |

1-001330-L0

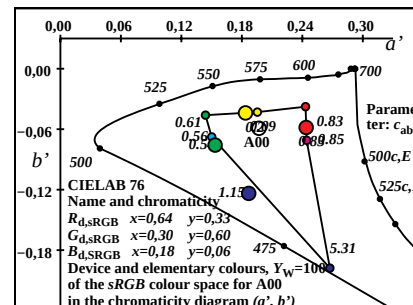
TE490-7N\_4

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_{w,10}=88,6$ , Parameter:  $c_{ab}$



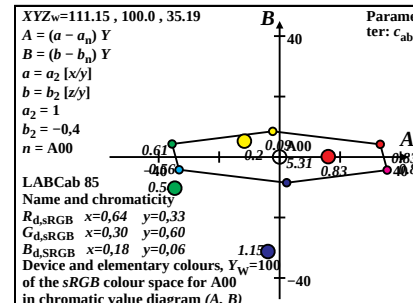
1-001330-L0

TE491-1N\_4



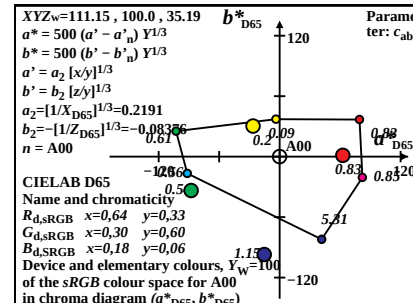
1-001330-L0

TE491-3N\_4



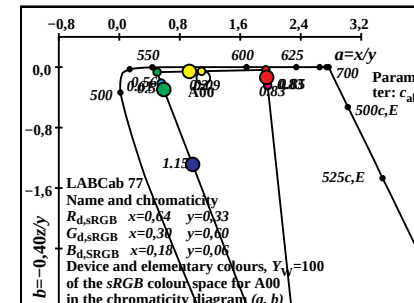
1-001330-L0

TE491-5N\_4



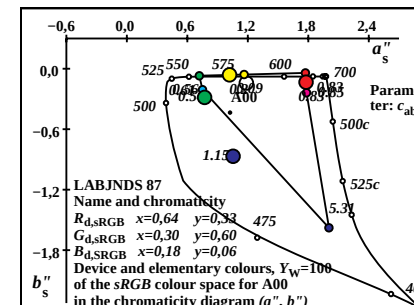
1-001330-L0

TE491-7N\_4



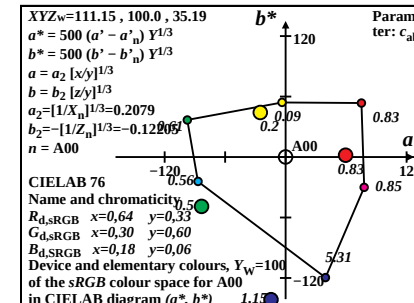
1-001330-L0

TE491-2N\_4



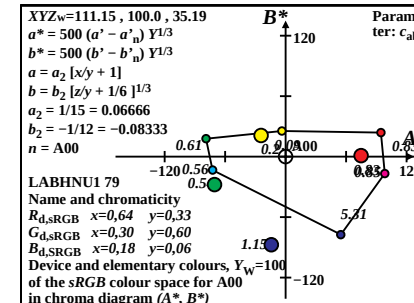
1-001330-L0

TE491-4N\_4



1-001330-L0

TE491-6N\_4



1-001330-L0

TE491-8N\_4

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

### Device and elementary colours of the sRGB colour space for E00, $Y_{w,10}=88,6$

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 44.0       | 22.69      | 2.06       | 0.64   | 0.33   | 0.0299 | 359.3    | 41 608           | 16 480           |
| $Y_{d,sRGB}$ | 74.05      | 82.77      | 12.07      | 0.4384 | 0.49   | 0.0715 | 56.1     | 32 563           | 10 452           |
| $G_{d,sRGB}$ | 30.04      | 60.08      | 10.01      | 0.3    | 0.6    | 0.0999 | 97.0     | 27 536           | -1 536c          |
| $C_{d,sRGB}$ | 44.57      | 65.89      | 86.53      | 0.2262 | 0.3344 | 0.4392 | 179.3    | 16 480           | 41 608           |
| $B_{d,sRGB}$ | 14.52      | 5.81       | 76.52      | 0.1499 | 0.0599 | 0.7899 | 236.1    | 10 452           | 32 563           |
| $M_{d,sRGB}$ | 58.53      | 28.5       | 78.58      | 0.3534 | 0.172  | 0.4744 | 277.1    | -1 536c          | 27 536           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 353.6    | 47 637           | 16 481           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 52.4     | 32 564           | 11 458           |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 129.8    | 19 497           | -1 497c          |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 223.8    | 13 466           | 33 568           |

1-001430-L0

TE490-1N\_5

### Device and elementary colours of the sRGB colour space for E00, $Y_{w,10}=88,6$

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 22.69      | 21.31      | 8.25       | 22.86    | 1.9393 | -0.0363 | 21.1     | 41 608           | 16 480           |
| $Y_{d,sRGB}$ | 82.77      | -8.71      | 28.28      | 29.59    | 0.8945 | -0.0583 | 107.1    | 32 563           | 10 452           |
| $G_{d,sRGB}$ | 60.08      | -30.03     | 20.03      | 36.1     | 0.4999 | -0.0666 | 146.3    | 27 536           | -1 536c          |
| $C_{d,sRGB}$ | 65.89      | -21.31     | -8.25      | 22.86    | 0.6763 | -0.5252 | 201.1    | 16 480           | 41 608           |
| $B_{d,sRGB}$ | 5.81       | 8.71       | -28.28     | 29.59    | 2.4999 | -5.2665 | 287.1    | 10 452           | 32 563           |
| $M_{d,sRGB}$ | 28.5       | 30.03      | -20.03     | 36.1     | 2.0536 | -1.1027 | 326.3    | -1 536c          | 27 536           |
| $R_{e,sRGB}$ | 17.0       | 16.16      | 4.51       | 16.77    | 1.9502 | -0.1343 | 15.6     | 47 637           | 16 481           |
| $Y_{e,sRGB}$ | 56.15      | -4.04      | 19.22      | 19.64    | 0.9278 | -0.0576 | 101.8    | 32 564           | 11 458           |
| $G_{e,sRGB}$ | 58.71      | -24.17     | 6.12       | 24.94    | 0.5881 | -0.2957 | 165.7    | 19 497           | -1 497c          |
| $B_{e,sRGB}$ | 24.14      | -0.73      | -21.41     | 21.42    | 0.9694 | -1.2869 | 268.0    | 13 466           | 33 568           |

1-001430-L0

TE490-3N\_5

### Device and elementary colours of the sRGB colour space for E00, $Y_{w,10}=88,6$

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 54.76        | 75.34        | 67.06        | 100.87     | 0.2732 | -0.0376 | 41.6     | -1 472c            | 14 472             |
| $Y_{d,sRGB}$ | 92.92        | -17.09       | 88.91        | 90.54      | 0.2111 | -0.044  | 100.3    | 31 559             | 12 463             |
| $G_{d,sRGB}$ | 81.89        | -87.01       | 75.87        | 115.44     | 0.1738 | -0.046  | 138.9    | 25 528             | 2 413              |
| $C_{d,sRGB}$ | 84.94        | -53.14       | -16.53       | 55.66      | 0.1923 | -0.0917 | 197.2    | 15 477             | -1 477c            |
| $B_{d,sRGB}$ | 28.95        | 69.13        | -105.42      | 126.07     | 0.2971 | -0.1976 | 303.2    | 10 454             | 28 542             |
| $M_{d,sRGB}$ | 60.35        | 89.2         | -52.92       | 103.72     | 0.2784 | -0.1174 | 329.3    | -1 520c            | 24 520             |
| $R_{e,sRGB}$ | 48.27        | 69.07        | 33.76        | 76.88      | 0.2737 | -0.0582 | 26.0     | -1 475c            | 15 475             |
| $Y_{e,sRGB}$ | 79.7         | -10.15       | 78.46        | 79.12      | 0.2136 | -0.0439 | 97.3     | 32 562             | 12 464             |
| $G_{e,sRGB}$ | 81.14        | -67.87       | 16.03        | 69.74      | 0.1835 | -0.0757 | 166.7    | 20 503             | -1 503c            |
| $B_{e,sRGB}$ | 56.23        | -3.19        | -59.29       | 59.38      | 0.2168 | -0.1236 | 266.9    | 13 466             | 34 570             |

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TE490-5N\_5

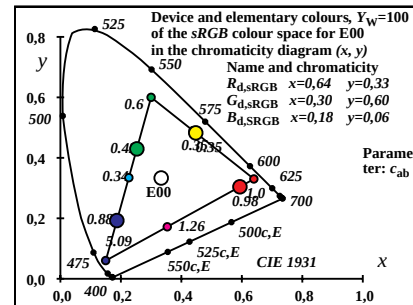
### Device and elementary colours of the sRGB colour space for E00, $Y_{w,10}=88,6$

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 54.76        | 76.64        | 65.26        | 100.66     | 0.2732 | -0.0376 | 40.4     | -1 472c            | 14 472             |
| $Y_{d,sRGB}$ | 92.92        | -17.39       | 86.44        | 88.17      | 0.2111 | -0.044  | 101.3    | 31 558             | 12 463             |
| $G_{d,sRGB}$ | 81.89        | -88.51       | 73.77        | 115.22     | 0.1739 | -0.046  | 140.1    | 25 528             | -1 528c            |
| $C_{d,sRGB}$ | 84.94        | -54.06       | -16.07       | 56.4       | 0.1923 | -0.0917 | 196.5    | 15 477             | -1 477c            |
| $B_{d,sRGB}$ | 28.95        | 70.37        | -102.5       | 124.33     | 0.2972 | -0.1976 | 304.4    | 10 453             | 28 541             |
| $M_{d,sRGB}$ | 60.35        | 90.74        | -51.45       | 104.31     | 0.2784 | -0.1174 | 330.4    | -1 519c            | 23 519             |
| $R_{e,sRGB}$ | 48.27        | 70.27        | 32.84        | 77.57      | 0.2737 | -0.0582 | 25.0     | -1 475c            | 15 475             |
| $Y_{e,sRGB}$ | 79.7         | -10.33       | 76.3         | 76.99      | 0.2137 | -0.0439 | 97.7     | 32 562             | 12 464             |
| $G_{e,sRGB}$ | 81.14        | -69.04       | 15.59        | 70.78      | 0.1835 | -0.0757 | 167.2    | 20 502             | -1 502c            |
| $B_{e,sRGB}$ | 56.23        | -3.25        | -57.65       | 57.74      | 0.2168 | -0.1236 | 266.7    | 13 466             | 34 571             |

1-001430-L0

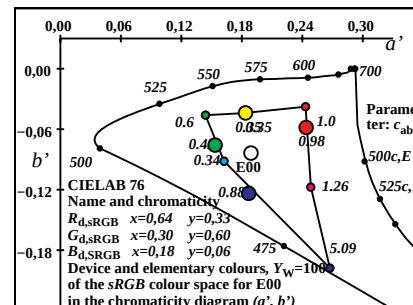
TE490-7N\_5

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_{w,10}=88,6$ , Parameter:  $c_{ab}$



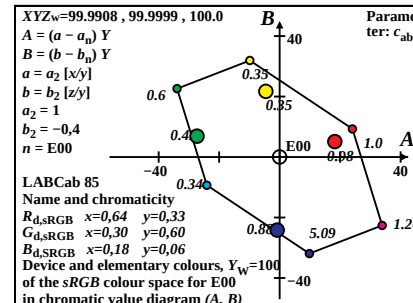
1-001430-L0

TE491-1N\_5



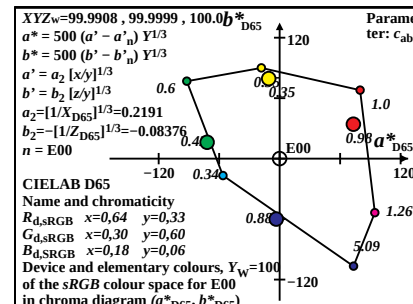
1-001430-L0

TE491-3N\_5



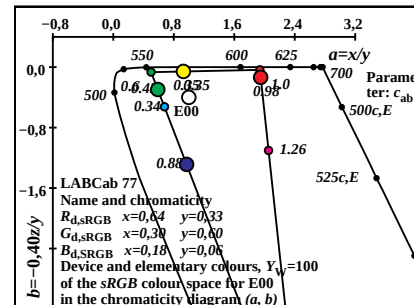
1-001430-L0

TE491-5N\_5



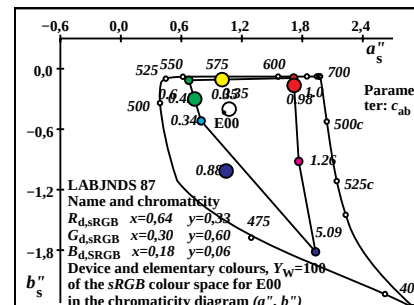
1-001430-L0

TE491-7N\_5



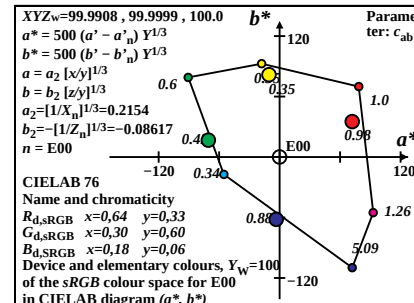
1-001430-L0

TE491-2N\_5



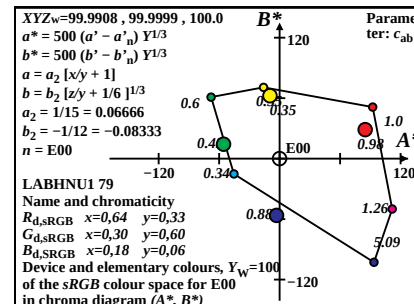
1-001430-L0

TE491-4N\_5



1-001430-L0

TE491-6N\_5



1-001430-L0

TE491-8N\_5

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

Device and elementary colours of the sRGB colour space for C00,  $Y_{w,10}=88,6$

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 37.86      | 19.52      | 1.77       | 0.64   | 0.3299 | 0.0299 | 1.9      | 41 608           | 15 479           |
| $Y_{d,sRGB}$ | 68.95      | 81.69      | 12.13      | 0.4235 | 0.5018 | 0.0745 | 58.2     | 32 560           | 10 451           |
| $G_{d,sRGB}$ | 31.08      | 62.17      | 10.36      | 0.3    | 0.6    | 0.0999 | 92.0     | 27 537           | -1 537c          |
| $C_{d,sRGB}$ | 48.31      | 69.06      | 101.11     | 0.2211 | 0.316  | 0.4627 | 181.9    | 15 479           | 41 608           |
| $B_{d,sRGB}$ | 17.23      | 6.89       | 90.75      | 0.15   | 0.06   | 0.7899 | 238.2    | 10 451           | 32 560           |
| $M_{d,sRGB}$ | 55.1       | 26.41      | 92.53      | 0.3165 | 0.1517 | 0.5316 | 272.1    | -1 537c          | 27 537           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 357.0    | 46 630           | 16 480           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 49.9     | 33 565           | 12 462           |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 117.5    | 21 505           | -1 505c          |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 225.6    | 13 465           | 33 567           |

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TE490-1N\_6

Device and elementary colours of the sRGB colour space for C00,  $Y_{w,10}=88,6$

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 19.52      | 18.87      | 8.36       | 20.64    | 1.9393 | -0.0363 | 23.8     | 41 607           | 15 478           |
| $Y_{d,sRGB}$ | 81.69      | -10.52     | 33.1       | 34.73    | 0.844  | -0.0594 | 107.6    | 32 561           | 11 459           |
| $G_{d,sRGB}$ | 62.17      | -29.39     | 24.73      | 38.42    | 0.4999 | -0.0666 | 139.9    | 27 538           | -1 538c          |
| $C_{d,sRGB}$ | 69.06      | -18.87     | -8.36      | 20.64    | 0.6996 | -0.5856 | 203.8    | 16 480           | -1 480c          |
| $B_{d,sRGB}$ | 6.89       | 10.52      | -33.09     | 34.73    | 2.4999 | -5.2665 | 287.6    | 10 451           | 31 558           |
| $M_{d,sRGB}$ | 26.41      | 29.39      | -24.73     | 38.42    | 2.0856 | -1.4009 | 319.9    | -1 525c          | 25 525           |
| $R_{e,sRGB}$ | 17.0       | 16.61      | 5.61       | 17.54    | 1.9502 | -0.1343 | 18.6     | 45 625           | 15 479           |
| $Y_{e,sRGB}$ | 56.15      | -2.52      | 22.85      | 22.98    | 0.9278 | -0.0576 | 96.3     | 33 565           | 13 465           |
| $G_{e,sRGB}$ | 58.71      | -22.59     | 9.91       | 24.67    | 0.5881 | -0.2957 | 156.3    | 23 517           | -1 517c          |
| $B_{e,sRGB}$ | 24.14      | -0.08      | -19.85     | 19.85    | 0.9694 | -1.2869 | 269.7    | 13 465           | 33 565           |

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TE490-3N\_6

Device and elementary colours of the sRGB colour space for C00,  $Y_{w,10}=88,6$

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 51.3         | 74.98        | 66.3         | 100.09     | 0.2732 | -0.0376 | 41.4     | -1 472c            | 14 472             |
| $Y_{d,sRGB}$ | 92.44        | -21.61       | 92.74        | 95.22      | 0.207  | -0.0443 | 103.1    | 31 555             | 12 463             |
| $G_{d,sRGB}$ | 83.0         | -84.9        | 81.3         | 117.55     | 0.1738 | -0.046  | 136.2    | 25 529             | 7 435              |
| $C_{d,sRGB}$ | 86.54        | -45.99       | -14.18       | 48.13      | 0.1944 | -0.0951 | 197.1    | 15 477             | -1 477c            |
| $B_{d,sRGB}$ | 31.58        | 75.74        | -102.17      | 127.19     | 0.2971 | -0.1976 | 306.5    | 10 452             | 27 537             |
| $M_{d,sRGB}$ | 58.44        | 92.84        | -57.06       | 108.97     | 0.2798 | -0.1271 | 328.4    | -1 518c            | 23 518             |
| $R_{e,sRGB}$ | 48.27        | 72.25        | 37.5         | 81.4       | 0.2737 | -0.0582 | 27.4     | -1 474c            | 14 474             |
| $Y_{e,sRGB}$ | 79.7         | -6.46        | 82.67        | 82.92      | 0.2136 | -0.0439 | 94.4     | 32 563             | 13 465             |
| $G_{e,sRGB}$ | 81.14        | -64.65       | 23.4         | 68.76      | 0.1835 | -0.0757 | 160.1    | 21 507             | -1 507c            |
| $B_{e,sRGB}$ | 56.23        | -0.36        | -50.35       | 50.36      | 0.2168 | -0.1236 | 269.5    | 13 465             | 33 567             |

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TE490-5N\_6

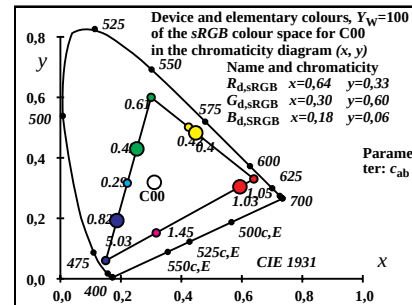
Device and elementary colours of the sRGB colour space for C00,  $Y_{w,10}=88,6$

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 51.3         | 75.58        | 67.83        | 101.56     | 0.2732 | -0.0376 | 41.9     | -1 472c            | 14 472             |
| $Y_{d,sRGB}$ | 92.44        | -21.78       | 94.78        | 97.25      | 0.207  | -0.0443 | 102.9    | 31 555             | 12 463             |
| $G_{d,sRGB}$ | 83.0         | -85.58       | 83.09        | 119.28     | 0.1739 | -0.046  | 135.8    | 25 529             | 7 436              |
| $C_{d,sRGB}$ | 86.54        | -46.36       | -14.49       | 48.57      | 0.1945 | -0.0951 | 197.3    | 15 477             | -1 477c            |
| $B_{d,sRGB}$ | 31.58        | 76.38        | -104.43      | 129.38     | 0.2972 | -0.1976 | 306.1    | 10 453             | 27 538             |
| $M_{d,sRGB}$ | 58.44        | 93.58        | -58.31       | 110.26     | 0.2799 | -0.1271 | 328.0    | -1 518c            | 23 518             |
| $R_{e,sRGB}$ | 48.27        | 72.83        | 38.35        | 82.31      | 0.2737 | -0.0582 | 27.7     | -1 474c            | 14 474             |
| $Y_{e,sRGB}$ | 79.7         | -6.51        | 84.49        | 84.75      | 0.2137 | -0.0439 | 94.4     | 32 563             | 13 465             |
| $G_{e,sRGB}$ | 81.14        | -65.17       | 23.91        | 69.42      | 0.1835 | -0.0757 | 159.8    | 21 507             | -1 507c            |
| $B_{e,sRGB}$ | 56.23        | -0.37        | -51.46       | 51.46      | 0.2168 | -0.1236 | 269.5    | 13 465             | 33 567             |

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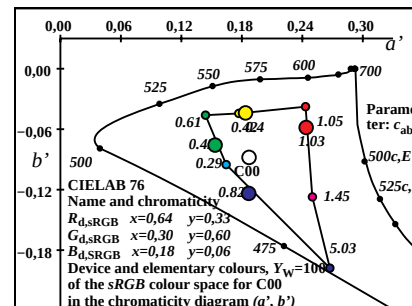
TE490-7N\_6

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_{w,10}=88,6$ , Parameter:  $c_{ab}$



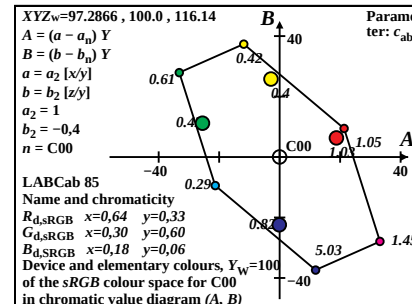
1-001530-L0

TE491-1N\_6



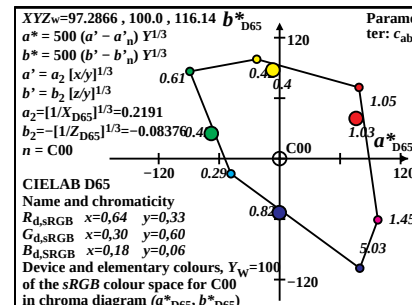
1-001530-L0

TE491-3N\_6



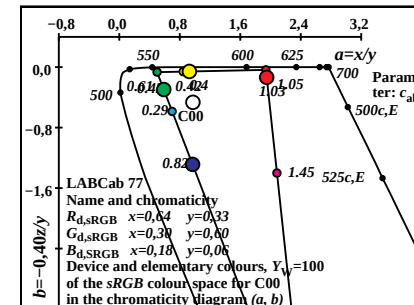
1-001530-L0

TE491-5N\_6



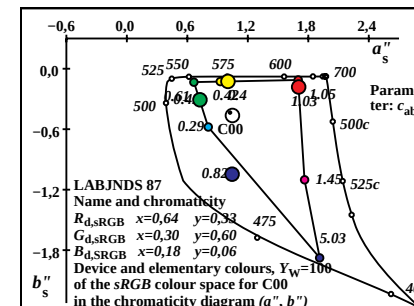
1-001530-L0

TE491-7N\_6



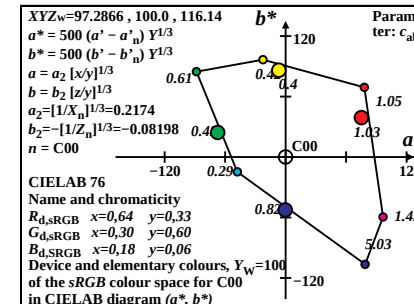
1-001530-L0

TE491-2N\_6



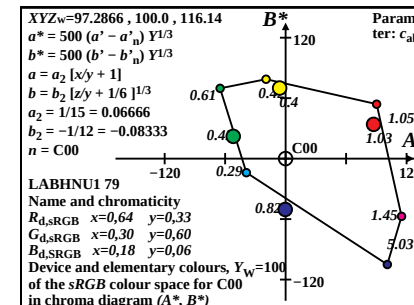
1-001530-L0

TE491-4N\_6



1-001530-L0

TE491-6N\_6



1-001530-L0

TE491-8N\_6

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change



Device and elementary colours of the sRGB colour space for P00,  $Y_{w,10}=88,6$

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 50.24      | 25.9       | 2.35       | 0.64   | 0.33   | 0.03   | 355.3    | 41 609           | 16 482           |
| $Y_{d,sRGB}$ | 79.31      | 84.03      | 12.04      | 0.4521 | 0.4791 | 0.0686 | 54.1     | 33 565           | 10 452           |
| $G_{d,sRGB}$ | 29.06      | 58.12      | 9.68       | 0.3    | 0.6    | 0.0999 | 103.8    | 26 533           | -1 533c          |
| $C_{d,sRGB}$ | 40.44      | 62.68      | 69.62      | 0.2341 | 0.3628 | 0.403  | 175.3    | 16 482           | 41 609           |
| $B_{d,sRGB}$ | 11.38      | 4.55       | 59.93      | 0.15   | 0.06   | 0.79   | 234.2    | 10 452           | 33 565           |
| $M_{d,sRGB}$ | 61.63      | 30.46      | 62.29      | 0.3991 | 0.1973 | 0.4034 | 283.8    | -1 533c          | 26 533           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 348.2    | 58 691           | 16 484           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 56.2     | 32 564           | 9 445            |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 144.5    | 18 491           | -1 491c          |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 222.5    | 13 466           | 34 570           |

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TE490-1N\_7

Device and elementary colours of the sRGB colour space for P00,  $Y_{w,10}=88,6$

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 25.9       | 23.72      | 7.47       | 24.87    | 1.9393 | -0.0363 | 17.4     | 42 611           | 17 485           |
| $Y_{d,sRGB}$ | 84.03      | -6.72      | 22.49      | 23.47    | 0.9437 | -0.0573 | 106.6    | 32 564           | -1 564c          |
| $G_{d,sRGB}$ | 58.12      | -30.44     | 15.01      | 33.94    | 0.4999 | -0.0666 | 153.7    | 25 529           | -1 529c          |
| $C_{d,sRGB}$ | 62.68      | -23.72     | -7.47      | 24.87    | 0.6452 | -0.4443 | 197.4    | 16 481           | 37 589           |
| $B_{d,sRGB}$ | 4.55       | 6.72       | -22.49     | 23.47    | 2.4999 | -5.2665 | 286.6    | 10 452           | 33 567           |
| $M_{d,sRGB}$ | 30.46      | 30.44      | -15.01     | 33.94    | 2.0231 | -0.8179 | 333.7    | -1 550c          | 30 550           |
| $R_{e,sRGB}$ | 17.0       | 15.75      | 3.24       | 16.08    | 1.9502 | -0.1343 | 11.6     | -1 487c          | 17 487           |
| $Y_{e,sRGB}$ | 56.15      | -5.38      | 15.01      | 15.95    | 0.9278 | -0.0576 | 109.7    | 32 563           | -1 563c          |
| $G_{e,sRGB}$ | 58.71      | -25.57     | 1.71       | 25.63    | 0.5881 | -0.2957 | 176.1    | 17 488           | -1 488c          |
| $B_{e,sRGB}$ | 24.14      | -1.31      | -23.22     | 23.26    | 0.9694 | -1.2869 | 266.7    | 13 466           | 34 571           |

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TE490-3N\_7

Device and elementary colours of the sRGB colour space for P00,  $Y_{w,10}=88,6$

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 57.96        | 75.64        | 66.0         | 100.39     | 0.2732 | -0.0376 | 41.1     | -1 473c            | 14 473             |
| $Y_{d,sRGB}$ | 93.47        | -12.61       | 82.87        | 83.83      | 0.2148 | -0.0438 | 98.6     | 32 562             | 12 463             |
| $G_{d,sRGB}$ | 80.81        | -88.65       | 68.45        | 112.0      | 0.1738 | -0.046  | 142.3    | 25 529             | -1 529c            |
| $C_{d,sRGB}$ | 83.27        | -61.01       | -18.8        | 63.84      | 0.1893 | -0.0867 | 197.1    | 15 478             | -1 478c            |
| $B_{d,sRGB}$ | 25.44        | 61.82        | -109.25      | 125.53     | 0.2971 | -0.1976 | 299.5    | 11 455             | 29 547             |
| $M_{d,sRGB}$ | 62.05        | 85.74        | -48.47       | 98.49      | 0.277  | -0.1062 | 330.5    | -1 522c            | 24 522             |
| $R_{e,sRGB}$ | 48.27        | 66.36        | 28.25        | 72.13      | 0.2737 | -0.0582 | 23.0     | -1 476c            | 15 476             |
| $Y_{e,sRGB}$ | 79.7         | -13.3        | 72.27        | 73.48      | 0.2136 | -0.0439 | 100.4    | 32 561             | 12 463             |
| $G_{e,sRGB}$ | 81.14        | -70.62       | 5.18         | 70.81      | 0.1835 | -0.0757 | 175.8    | 19 495             | -1 495c            |
| $B_{e,sRGB}$ | 56.23        | -5.6         | -72.47       | 72.69      | 0.2168 | -0.1236 | 265.5    | 13 466             | 34 572             |

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TE490-5N\_7

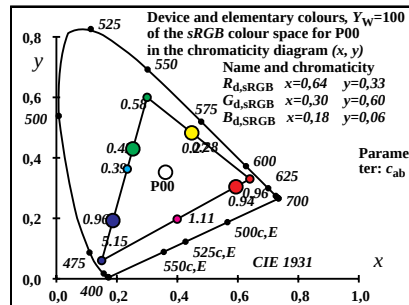
Device and elementary colours of the sRGB colour space for P00,  $Y_{w,10}=88,6$

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 57.96        | 77.55        | 59.92        | 98.0       | 0.2732 | -0.0376 | 37.6     | -1 473c            | 14 473             |
| $Y_{d,sRGB}$ | 93.47        | -12.93       | 75.18        | 76.28      | 0.2149 | -0.0438 | 99.7     | 32 561             | 12 463             |
| $G_{d,sRGB}$ | 80.81        | -90.89       | 62.1         | 110.08     | 0.1739 | -0.046  | 145.6    | 25 526             | -1 526c            |
| $C_{d,sRGB}$ | 83.27        | -62.55       | -17.05       | 64.83      | 0.1893 | -0.0867 | 195.2    | 15 479             | -1 479c            |
| $B_{d,sRGB}$ | 25.44        | 63.43        | -99.13       | 117.69     | 0.2972 | -0.1976 | 302.6    | 10 453             | 29 545             |
| $M_{d,sRGB}$ | 62.05        | 87.91        | -43.97       | 98.29      | 0.277  | -0.1063 | 333.4    | -1 519c            | 23 519             |
| $R_{e,sRGB}$ | 48.27        | 68.05        | 25.64        | 72.72      | 0.2737 | -0.0582 | 20.6     | -1 477c            | 15 477             |
| $Y_{e,sRGB}$ | 79.7         | -13.64       | 65.57        | 66.97      | 0.2137 | -0.0439 | 101.7    | 32 560             | 12 462             |
| $G_{e,sRGB}$ | 81.14        | -72.4        | 4.7          | 72.55      | 0.1835 | -0.0757 | 176.2    | 18 494             | -1 494c            |
| $B_{e,sRGB}$ | 56.23        | -5.74        | -65.74       | 65.99      | 0.2168 | -0.1236 | 265.0    | 13 466             | 34 573             |

1-001630-L0

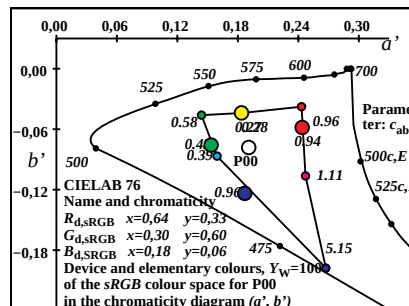
TE490-7N\_7

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_{w,10}=88,6$ , Parameter:  $c_{ab}$



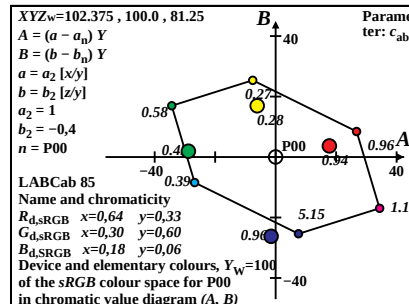
1-001630-L0

TE491-1N\_7



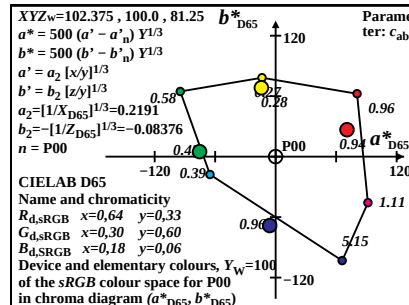
1-001630-L0

TE491-3N\_7



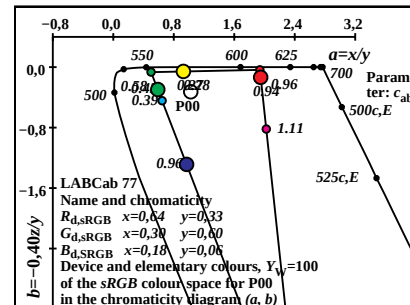
1-001630-L0

TE491-5N\_7



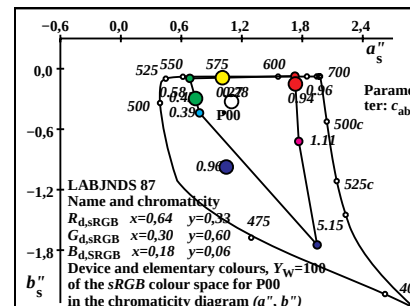
1-001630-L0

TE491-7N\_7



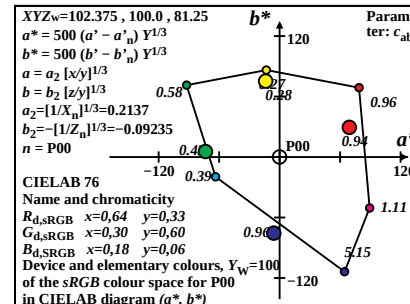
1-001630-L0

TE491-2N\_7



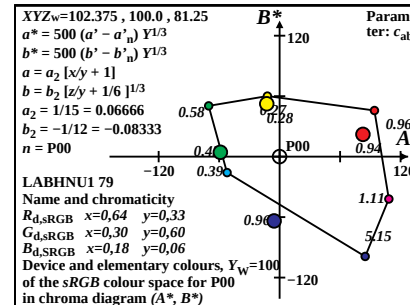
1-001630-L0

TE491-4N\_7



1-001630-L0

TE491-6N\_7



1-001630-L0

TE491-8N\_7

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change

### Device and elementary colours of the sRGB colour space for Q00, $Y_{w,10}=88,6$

| Code         | $X_{88,6}$ | $Y_{88,6}$ | $Z_{88,6}$ | $x$    | $y$    | $z$    | $h_{xy}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|--------|--------|--------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 37.88      | 19.53      | 1.77       | 0.64   | 0.3299 | 0.03   | 2.3      | 41 608           | 15 478           |
| $Y_{d,sRGB}$ | 68.88      | 81.54      | 12.11      | 0.4238 | 0.5016 | 0.0745 | 58.1     | 32 560           | 10 451           |
| $G_{d,sRGB}$ | 31.0       | 62.0       | 10.33      | 0.3    | 0.6    | 0.0999 | 91.7     | 27 537           | -1 537c          |
| $C_{d,sRGB}$ | 48.62      | 69.05      | 103.13     | 0.2202 | 0.3127 | 0.467  | 182.3    | 15 478           | 41 608           |
| $B_{d,sRGB}$ | 17.62      | 7.04       | 92.8       | 0.15   | 0.06   | 0.79   | 238.2    | 10 451           | 32 560           |
| $M_{d,sRGB}$ | 55.5       | 26.58      | 94.57      | 0.3141 | 0.1504 | 0.5353 | 271.8    | -1 537c          | 27 537           |
| $R_{e,sRGB}$ | 33.16      | 17.0       | 5.7        | 0.5935 | 0.3043 | 0.1021 | 357.5    | 45 629           | 16 480           |
| $Y_{e,sRGB}$ | 52.09      | 56.15      | 8.09       | 0.4478 | 0.4826 | 0.0695 | 50.1     | 33 565           | 12 462           |
| $G_{e,sRGB}$ | 34.53      | 58.71      | 43.41      | 0.2526 | 0.4296 | 0.3176 | 116.3    | 21 506           | -1 506c          |
| $B_{e,sRGB}$ | 23.4       | 24.14      | 77.67      | 0.1868 | 0.1927 | 0.6203 | 225.3    | 13 465           | 33 567           |

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TE490-1N\_8

### Device and elementary colours of the sRGB colour space for Q00, $Y_{w,10}=88,6$

| Code         | $Y_{88,6}$ | $A_{88,6}$ | $B_{88,6}$ | $C_{AB}$ | $a$    | $b$     | $h_{AB}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ |
|--------------|------------|------------|------------|----------|--------|---------|----------|------------------|------------------|
| $R_{d,sRGB}$ | 19.53      | 18.8       | 8.54       | 20.65    | 1.9393 | -0.0363 | 24.4     | 41 607           | 15 477           |
| $Y_{d,sRGB}$ | 81.54      | -10.73     | 33.78      | 35.44    | 0.8448 | -0.0594 | 107.6    | 32 561           | 11 459           |
| $G_{d,sRGB}$ | 62.0       | -29.54     | 25.23      | 38.85    | 0.4999 | -0.0666 | 139.4    | 27 538           | -1 538c          |
| $C_{d,sRGB}$ | 69.05      | -18.8      | -8.54      | 20.65    | 0.7041 | -0.5974 | 204.4    | 16 480           | -1 480c          |
| $B_{d,sRGB}$ | 7.04       | 10.73      | -33.78     | 35.44    | 2.4999 | -5.2665 | 287.6    | 10 451           | 31 558           |
| $M_{d,sRGB}$ | 26.58      | 29.54      | -25.23     | 38.85    | 2.088  | -1.4231 | 319.4    | -1 524c          | 24 524           |
| $R_{e,sRGB}$ | 17.0       | 16.55      | 5.77       | 17.53    | 1.9502 | -0.1343 | 19.2     | 44 624           | 15 478           |
| $Y_{e,sRGB}$ | 56.15      | -2.73      | 23.36      | 23.52    | 0.9278 | -0.0576 | 96.6     | 33 565           | 12 464           |
| $G_{e,sRGB}$ | 58.71      | -22.8      | 10.44      | 25.08    | 0.5881 | -0.2957 | 155.3    | 23 518           | -1 518c          |
| $B_{e,sRGB}$ | 24.14      | -0.17      | -19.63     | 19.63    | 0.9694 | -1.2869 | 269.5    | 13 465           | 33 565           |

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TE490-3N\_8

### Device and elementary colours of the sRGB colour space for Q00, $Y_{w,10}=88,6$

| Code         | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 51.31        | 74.53        | 66.63        | 99.98      | 0.2732 | -0.0376 | 41.7     | -1 472c            | 14 472             |
| $Y_{d,sRGB}$ | 92.37        | -22.01       | 93.29        | 95.86      | 0.2071 | -0.0443 | 103.2    | 31 555             | 12 463             |
| $G_{d,sRGB}$ | 82.92        | -85.25       | 81.81        | 118.15     | 0.1738 | -0.046  | 136.1    | 25 529             | 7 435              |
| $C_{d,sRGB}$ | 86.53        | -45.63       | -14.21       | 47.79      | 0.1949 | -0.0957 | 197.2    | 15 476             | -1 476c            |
| $B_{d,sRGB}$ | 31.93        | 75.96        | -101.74      | 126.97     | 0.2971 | -0.1976 | 306.7    | 10 452             | 27 537             |
| $M_{d,sRGB}$ | 58.59        | 92.67        | -56.95       | 108.77     | 0.2799 | -0.1278 | 328.4    | -1 518c            | 23 518             |
| $R_{e,sRGB}$ | 48.27        | 71.81        | 37.98        | 81.24      | 0.2737 | -0.0582 | 27.8     | -1 474c            | 14 474             |
| $Y_{e,sRGB}$ | 79.7         | -6.97        | 83.2         | 83.49      | 0.2136 | -0.0439 | 94.7     | 32 563             | 12 464             |
| $G_{e,sRGB}$ | 81.14        | -65.09       | 24.33        | 69.49      | 0.1835 | -0.0757 | 159.5    | 21 508             | -1 508c            |
| $B_{e,sRGB}$ | 56.23        | -0.75        | -49.22       | 49.23      | 0.2168 | -0.1236 | 269.1    | 13 465             | 33 568             |

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TE490-5N\_8

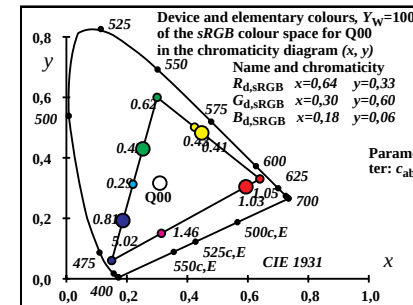
### Device and elementary colours of the sRGB colour space for Q00, $Y_{w,10}=88,6$

| CodeD65      | $L^*_{88,6}$ | $a^*_{88,6}$ | $b^*_{88,6}$ | $C^*_{ab}$ | $a'$   | $b'$    | $h_{ab}$ | $i_d, \lambda^*_d$ | $i_c, \lambda^*_c$ |
|--------------|--------------|--------------|--------------|------------|--------|---------|----------|--------------------|--------------------|
| $R_{d,sRGB}$ | 51.31        | 75.23        | 68.61        | 101.82     | 0.2732 | -0.0376 | 42.3     | -1 472c            | 14 472             |
| $Y_{d,sRGB}$ | 92.37        | -22.21       | 95.96        | 98.5       | 0.2071 | -0.0443 | 103.0    | 31 555             | 12 463             |
| $G_{d,sRGB}$ | 82.92        | -86.04       | 84.15        | 120.35     | 0.1739 | -0.046  | 135.6    | 25 529             | 7 437              |
| $C_{d,sRGB}$ | 86.53        | -46.05       | -14.61       | 48.31      | 0.1949 | -0.0957 | 197.6    | 15 476             | -1 476c            |
| $B_{d,sRGB}$ | 31.93        | 76.69        | -104.66      | 129.75     | 0.2972 | -0.1976 | 306.2    | 10 453             | 27 538             |
| $M_{d,sRGB}$ | 58.59        | 93.53        | -58.57       | 110.36     | 0.28   | -0.1278 | 327.9    | -1 518c            | 23 518             |
| $R_{e,sRGB}$ | 48.27        | 72.48        | 39.08        | 82.35      | 0.2737 | -0.0582 | 28.3     | -1 474c            | 14 474             |
| $Y_{e,sRGB}$ | 79.7         | -7.03        | 85.59        | 85.88      | 0.2137 | -0.0439 | 94.6     | 32 563             | 12 464             |
| $G_{e,sRGB}$ | 81.14        | -65.69       | 25.02        | 70.3       | 0.1835 | -0.0757 | 159.1    | 21 508             | -1 508c            |
| $B_{e,sRGB}$ | 56.23        | -0.76        | -50.63       | 50.64      | 0.2168 | -0.1236 | 269.1    | 13 465             | 33 568             |

1-001730-L0

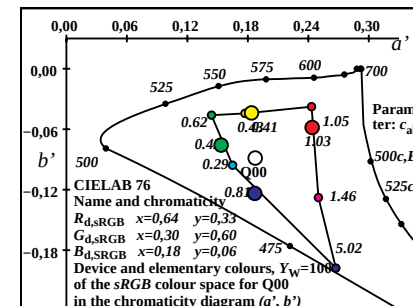
TE490-7N\_8

TUB-test chart TE49; sRGB: Basic and mixture colours  
XYZ, YABCh, LabCh\* data,  $Y_{w,10}=88,6$ , Parameter:  $c_{ab}$



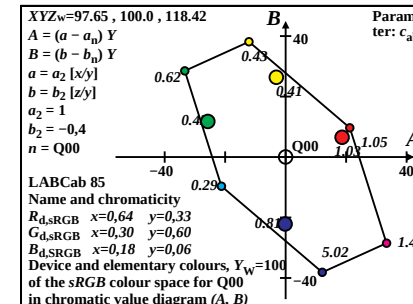
1-001730-L0

TE491-1N\_8



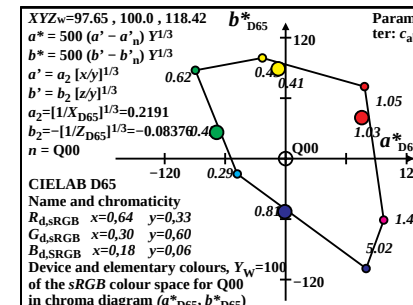
1-001730-L0

TE491-3N\_8



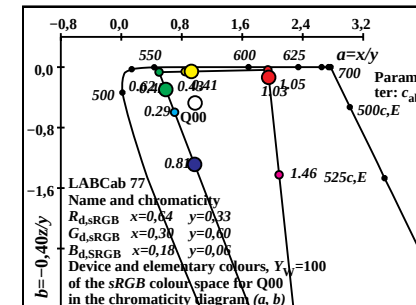
1-001730-L0

TE491-5N\_8



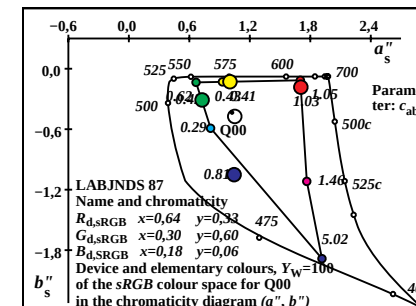
1-001730-L0

TE491-7N\_8



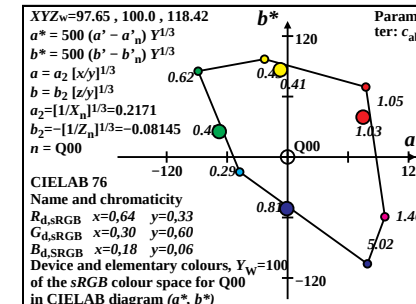
1-001730-L0

TE491-2N\_8



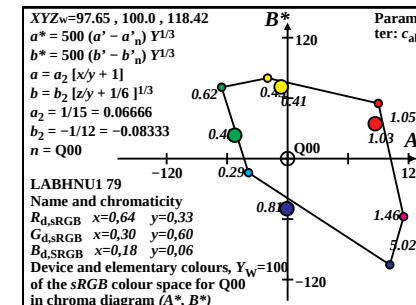
1-001730-L0

TE491-4N\_8



1-001730-L0

TE491-6N\_8



1-001730-L0

TE491-8N\_8

input: w/rgb/cmyk -> w/rgb/cmyk-  
output: no change