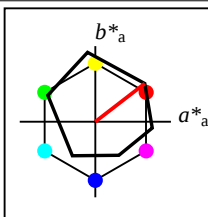


**%Gamut**  
 $u^*_{rel} = 94$   
**%Regularity**  
 $g^*_{H,rel} = 58$   
 $g^*_{C,rel} = 54$

| ORS18     | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_M$     | 47.94       | 65.31   | 52.07   | 83.53        | 39           |
| $Y_M$     | 90.37       | -11.15  | 96.17   | 96.82        | 97           |
| $L_M$     | 50.9        | -62.96  | 36.71   | 72.89        | 150          |
| $C_M$     | 58.62       | -30.62  | -42.74  | 52.59        | 234          |
| $V_M$     | 25.72       | 31.45   | -44.35  | 54.38        | 305          |
| $M_M$     | 48.13       | 75.2    | -6.79   | 75.51        | 355          |
| $N_M$     | 18.01       | 0.5     | -0.46   | 0.69         | 317          |
| $W_M$     | 95.41       | -0.98   | 4.76    | 4.86         | 102          |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

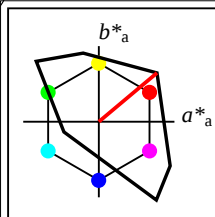


**%Gamut**  
 $u^*_{rel} = 93$   
**%Regularity**  
 $g^*_{H,rel} = 57$   
 $g^*_{C,rel} = 59$

| ORS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$                    | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| $Y_{Ma}$                    | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| $L_{Ma}$                    | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| $C_{Ma}$                    | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| $V_{Ma}$                    | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| $M_{Ma}$                    | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| $N_{Ma}$                    | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$                    | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$                   | 39.92       | 58.66   | 26.98   | 64.57        | 25           |
| $J_{CIE}$                   | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| $G_{CIE}$                   | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| $B_{CIE}$                   | 30.57       | 1.15    | -46.84  | 46.86        | 271          |

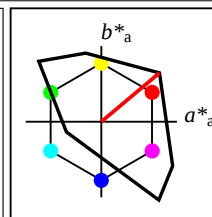
Data of 3x3x3=27 colors in colorimetric system ORS18; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

| <i>n</i> | <i>no.</i> | <i>System</i> | <i>o</i> * <sub>3</sub> | <i>l</i> * <sub>3</sub> | <i>v</i> * <sub>3</sub> | <i>e</i> * | <i>l</i> * | <i>c</i> * | <i>h</i> * | <i>n</i> * | <i>w</i> * | <i>LCH</i> * <sub>CIE</sub> | <i>a</i> * <i>b</i> * <sub>CIE</sub> |       | <i>XYZ</i> <sub>CIE</sub> |       | <i>xy</i> <sub>CIE</sub> |      | <i>XYZ</i> <sub>RGB</sub> |       | <i>RGB</i> ' <sub>sRGB</sub> |       |       | <i>RGB</i> ' <sub>AdobeRGB</sub> |        |        |        |        |        |                                                                                     |                                                                                     |
|----------|------------|---------------|-------------------------|-------------------------|-------------------------|------------|------------|------------|------------|------------|------------|-----------------------------|--------------------------------------|-------|---------------------------|-------|--------------------------|------|---------------------------|-------|------------------------------|-------|-------|----------------------------------|--------|--------|--------|--------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 0        | 0          | ORS18         | 0.0                     | 0.0                     | 0.0                     | 0.0        | 0.0        | 0.0        | 0.0        | 1.0        | 0.0        | 18.0                        | 0.0                                  | 0.0   | 0.0                       | 2.4   | 2.5                      | 2.7  | 0.313                     | 0.313 | 0.027                        | 0.028 | 0.031 | 0.184                            | 0.184  | 0.184  | 0.198  | 0.198  | 0.198  |  |                                                                                     |
| 1        | 0          | ORS18         | 0.0                     | 0.0                     | 0.5                     | 0.778      | 0.25       | 0.5        | 0.847      | 0.5        | 0.0        | 12.9                        | 27.1                                 | 305.0 | 15.5                      | -22.1 | 2.1                      | 1.5  | 5.1                       | 0.24  | 0.24                         | 0.024 | 0.017 | 0.057                            | 0.156  | 0.113  | 0.268  | 0.163  | 0.135  | 0.27                                                                                |  |
| 2        | 0          | ORS18         | 0.0                     | 0.0                     | 1.0                     | 0.778      | 0.5        | 1.0        | 0.847      | 0.0        | 0.0        | 25.7                        | 54.2                                 | 305.0 | 31.1                      | -44.3 | 7.1                      | 4.7  | 21.4                      | 0.215 | 0.215                        | 0.081 | 0.053 | 0.242                            | 0.271  | 0.192  | 0.537  | 0.259  | 0.205  | 0.523                                                                               |  |
| 3        | 0          | ORS18         | 0.0                     | 0.5                     | 0.0                     | 0.35       | 0.25       | 0.5        | 0.419      | 0.5        | 0.0        | 25.5                        | 36.0                                 | 150.9 | -31.3                     | 17.5  | 2.4                      | 4.6  | 2.1                       | 0.266 | 0.266                        | 0.027 | 0.051 | 0.024                            | -0.03  | 0.296  | 0.136  | 0.163  | 0.3    | 0.164                                                                               |  |
| 4        | 0          | ORS18         | 0.0                     | 0.5                     | 0.5                     | 0.586      | 0.25       | 0.5        | 0.656      | 0.5        | 0.0        | 29.3                        | 27.1                                 | 236.0 | -15.1                     | -22.4 | 4.4                      | 6.0  | 13.9                      | 0.183 | 0.183                        | 0.05  | 0.067 | 0.157                            | -0.243 | 0.321  | 0.43   | 0.126  | 0.324  | 0.424                                                                               |  |
| 5        | 0          | ORS18         | 0.0                     | 0.5                     | 1.0                     | 0.683      | 0.5        | 1.0        | 0.751      | 0.0        | 0.0        | 42.2                        | 54.3                                 | 270.5 | 0.5                       | -54.2 | 12.1                     | 12.6 | 50.2                      | 0.161 | 0.161                        | 0.136 | 0.142 | 0.567                            | -0.782 | 0.435  | 0.785  | 0.057  | 0.433  | 0.769                                                                               |  |
| 6        | 0          | ORS18         | 0.0                     | 1.0                     | 0.0                     | 0.35       | 0.5        | 1.0        | 0.419      | 0.0        | 0.0        | 50.9                        | 71.9                                 | 150.9 | -62.7                     | 35.0  | 8.7                      | 19.2 | 7.1                       | 0.249 | 0.249                        | 0.098 | 0.217 | 0.08                             | -0.691 | 0.596  | 0.237  | 0.259  | 0.591  | 0.271                                                                               |  |
| 7        | 0          | ORS18         | 0.0                     | 1.0                     | 0.5                     | 0.467      | 0.5        | 1.0        | 0.537      | 0.0        | 0.0        | 54.8                        | 63.1                                 | 193.5 | -61.3                     | -14.6 | 11.0                     | 22.7 | 34.8                      | 0.161 | 0.161                        | 0.124 | 0.256 | 0.392                            | -2.419 | 0.647  | 0.642  | -0.191 | 0.641  | 0.636                                                                               |  |
| 8        | 0          | ORS18         | 0.0                     | 1.0                     | 1.0                     | 0.586      | 0.5        | 1.0        | 0.656      | 0.0        | 0.0        | 58.6                        | 54.3                                 | 236.0 | -30.2                     | -44.9 | 18.8                     | 26.6 | 71.3                      | 0.161 | 0.161                        | 0.212 | 0.3   | 0.805                            | -2.27  | 0.659  | 0.907  | -0.143 | 0.653  | 0.895                                                                               |  |
| 9        | 0          | ORS18         | 0.5                     | 0.0                     | 0.0                     | 0.036      | 0.25       | 0.5        | 0.105      | 0.5        | 0.0        | 24.0                        | 41.3                                 | 37.7  | 32.7                      | 25.3  | 6.5                      | 4.1  | 1.1                       | 0.556 | 0.556                        | 0.074 | 0.046 | 0.013                            | 0.439  | 0.131  | 0.088  | 0.382  | 0.15   | 0.114                                                                               |  |
| 10       | 0          | ORS18         | 0.5                     | 0.0                     | 0.5                     | 0.914      | 0.25       | 0.5        | 0.982      | 0.5        | 0.0        | 24.1                        | 37.9                                 | 353.7 | 37.6                      | -4.1  | 7.1                      | 4.1  | 5.4                       | 0.428 | 0.428                        | 0.08  | 0.047 | 0.06                             | 0.433  | 0.114  | 0.269  | 0.375  | 0.136  | 0.272                                                                               |  |
| 11       | 0          | ORS18         | 0.5                     | 0.0                     | 1.0                     | 0.844      | 0.5        | 1.0        | 0.915      | 0.0        | 0.0        | 36.9                        | 65.0                                 | 329.3 | 55.9                      | -33.0 | 17.4                     | 9.5  | 26.2                      | 0.328 | 0.328                        | 0.197 | 0.107 | 0.296                            | 0.605  | 0.164  | 0.585  | 0.522  | 0.179  | 0.57                                                                                |  |
| 12       | 0          | ORS18         | 0.5                     | 0.5                     | 0.0                     | 0.197      | 0.25       | 0.5        | 0.268      | 0.5        | 0.0        | 45.2                        | 46.2                                 | 96.4  | -5.0                      | 45.9  | 13.1                     | 14.7 | 2.9                       | 0.428 | 0.428                        | 0.148 | 0.166 | 0.033                            | 0.496  | 0.447  | 0.092  | 0.479  | 0.445  | 0.15                                                                                |  |
| 13       | 0          | ORS18         | 0.5                     | 0.5                     | 0.5                     | 0.0        | 0.5        | 0.0        | 0.0        | 0.5        | 0.5        | 56.7                        | 0.0                                  | 0.0   | 0.0                       | 0.0   | 23.4                     | 24.6 | 26.8                      | 0.313 | 0.313                        | 0.264 | 0.278 | 0.303                            | 0.564  | 0.564  | 0.564  | 0.559  | 0.559  | 0.559                                                                               |  |
| 14       | 0          | ORS18         | 0.5                     | 0.5                     | 1.0                     | 0.778      | 0.75       | 0.5        | 0.847      | 0.0        | 0.5        | 60.6                        | 27.1                                 | 305.0 | 15.5                      | -22.1 | 31.4                     | 28.8 | 49.9                      | 0.285 | 0.285                        | 0.354 | 0.325 | 0.563                            | 0.641  | 0.574  | 0.767  | 0.617  | 0.569  | 0.755                                                                               |  |
| 15       | 0          | ORS18         | 0.5                     | 1.0                     | 0.0                     | 0.275      | 0.5        | 1.0        | 0.343      | 0.0        | 0.0        | 70.6                        | 82.1                                 | 123.6 | -45.4                     | 68.4  | 26.8                     | 41.7 | 7.2                       | 0.354 | 0.354                        | 0.303 | 0.47  | 0.082                            | 0.503  | 0.793  | 0.081  | 0.599  | 0.788  | 0.207                                                                               |  |
| 16       | 0          | ORS18         | 0.5                     | 1.0                     | 0.5                     | 0.35       | 0.75       | 0.5        | 0.419      | 0.0        | 0.5        | 73.2                        | 36.0                                 | 150.9 | -31.3                     | 17.5  | 33.4                     | 45.4 | 34.4                      | 0.295 | 0.295                        | 0.377 | 0.512 | 0.389                            | 0.528  | 0.805  | 0.607  | 0.618  | 0.8    | 0.611                                                                               |  |
| 17       | 0          | ORS18         | 0.5                     | 1.0                     | 1.0                     | 0.586      | 0.75       | 0.5        | 0.656      | 0.0        | 0.5        | 77.0                        | 27.1                                 | 236.0 | -15.1                     | -22.4 | 43.6                     | 51.6 | 83.3                      | 0.245 | 0.245                        | 0.493 | 0.582 | 0.94                             | 0.52   | 0.829  | 0.956  | 0.623  | 0.824  | 0.949                                                                               |  |
| 18       | 0          | ORS18         | 1.0                     | 0.0                     | 0.0                     | 0.036      | 0.5        | 1.0        | 0.105      | 0.0        | 0.0        | 47.9                        | 82.6                                 | 37.7  | 65.4                      | 50.5  | 30.1                     | 16.7 | 2.9                       | 0.605 | 0.605                        | 0.34  | 0.189 | 0.033                            | 0.904  | 0.177  | 0.128  | 0.779  | 0.191  | 0.15                                                                                |  |
| 19       | 0          | ORS18         | 1.0                     | 0.0                     | 0.5                     | 0.975      | 0.5        | 1.0        | 0.044      | 0.0        | 0.0        | 48.0                        | 79.2                                 | 15.7  | 76.2                      | 21.4  | 33.2                     | 16.8 | 9.6                       | 0.557 | 0.557                        | 0.375 | 0.19  | 0.108                            | 0.94   | -0.034 | 0.344  | 0.805  | -0.069 | 0.339                                                                               |  |
| 20       | 0          | ORS18         | 1.0                     | 0.0                     | 1.0                     | 0.914      | 0.5        | 1.0        | 0.982      | 0.0        | 0.0        | 48.1                        | 75.7                                 | 353.7 | 75.3                      | -8.3  | 33.1                     | 16.9 | 22.9                      | 0.454 | 0.454                        | 0.373 | 0.191 | 0.258                            | 0.9    | 0.077  | 0.542  | 0.772  | 0.102  | 0.527                                                                               |  |
| 21       | 0          | ORS18         | 1.0                     | 0.5                     | 0.0                     | 0.117      | 0.5        | 1.0        | 0.186      | 0.0        | 0.0        | 69.2                        | 87.5                                 | 67.0  | 34.1                      | 80.5  | 49.1                     | 39.6 | 4.0                       | 0.53  | 0.53                         | 0.554 | 0.446 | 0.045                            | 1.037  | 0.586  | -0.166 | 0.935  | 0.581  | 0.003                                                                               |  |
| 22       | 0          | ORS18         | 1.0                     | 0.5                     | 0.5                     | 0.036      | 0.75       | 0.5        | 0.105      | 0.0        | 0.5        | 71.7                        | 41.3                                 | 37.7  | 32.7                      | 25.3  | 52.6                     | 43.2 | 27.2                      | 0.428 | 0.428                        | 0.594 | 0.487 | 0.307                            | 1.01   | 0.627  | 0.545  | 0.92   | 0.621  | 0.543                                                                               |  |
| 23       | 0          | ORS18         | 1.0                     | 0.5                     | 1.0                     | 0.914      | 0.75       | 0.5        | 0.982      | 0.0        | 0.5        | 71.8                        | 37.9                                 | 353.7 | 37.6                      | -4.1  | 54.7                     | 43.3 | 51.2                      | 0.367 | 0.367                        | 0.618 | 0.489 | 0.578                            | 0.983  | 0.62   | 0.765  | 0.896  | 0.614  | 0.754                                                                               |  |
| 24       | 0          | ORS18         | 1.0                     | 1.0                     | 0.0                     | 0.197      | 0.5        | 1.0        | 0.268      | 0.0        | 0.0        | 90.4                        | 92.3                                 | 96.4  | -10.2                     | 91.8  | 68.5                     | 77.1 | 10.5                      | 0.439 | 0.439                        | 0.773 | 0.87  | 0.118                            | 1.046  | 0.949  | -0.122 | 1.02   | 0.948  | 0.195                                                                               |  |
| 25       | 0          | ORS18         | 1.0                     | 1.0                     | 0.5                     | 0.197      | 0.75       | 0.5        | 0.268      | 0.0        | 0.5        | 92.9                        | 46.2                                 | 96.4  | -5.0                      | 45.9  | 76.1                     | 82.7 | 38.9                      | 0.385 | 0.385                        | 0.859 | 0.934 | 0.439                            | 1.054  | 0.972  | 0.602  | 1.033  | 0.971  | 0.617                                                                               |  |
| 26       | 0          | ORS18         | 1.0                     | 1.0                     | 1.0                     | 0.0        | 1.0        | 0.0        | 0.0        | 0.0        | 1.0        | 95.4                        | 0.0                                  | 0.0   | 0.0                       | 0.0   | 84.2                     | 88.6 | 96.5                      | 0.313 | 0.313                        | 0.95  | 1.0   | 1.089                            | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0                                                                                 |  |



%Gamut  
 $u^*_{rel} = 158$   
%Regularity  
 $g^*_{H,rel} = 20$   
 $g^*_{C,rel} = 37$

| TLS00            |             |         |         |              |              |
|------------------|-------------|---------|---------|--------------|--------------|
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>M</sub>   | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| Y <sub>M</sub>   | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| L <sub>M</sub>   | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| C <sub>M</sub>   | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| V <sub>M</sub>   | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| M <sub>M</sub>   | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| N <sub>M</sub>   | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>M</sub>   | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub> | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub> | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub> | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

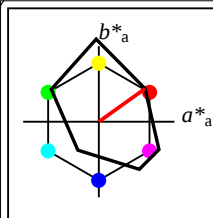


%Gamut  
 $u^*_{rel} = 158$   
%Regularity  
 $g^*_{H,rel} = 20$   
 $g^*_{C,rel} = 37$

| TLS00a; adapted CIELAB data |             |         |         |              |              |
|-----------------------------|-------------|---------|---------|--------------|--------------|
|                             | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>             | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| Y <sub>Ma</sub>             | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| L <sub>Ma</sub>             | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| C <sub>Ma</sub>             | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| V <sub>Ma</sub>             | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| M <sub>Ma</sub>             | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| N <sub>Ma</sub>             | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>             | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub>            | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub>            | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>            | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>            | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

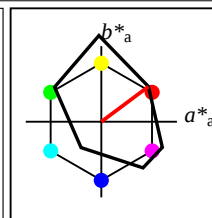
Data of 3x3x3=27 colors in colorimetric system TLS00; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

| <i>n</i> | <i>no.</i> | <i>System</i> | <i>o</i> * <sub>3</sub> | <i>l</i> * <sub>3</sub> | <i>v</i> * <sub>3</sub> | <i>e</i> * | <i>t</i> * | <i>c</i> * | <i>h</i> * | <i>n</i> * | <i>w</i> * | <i>LCH</i> *CIE |       | <i>a</i> * <i>b</i> *CIE |       | <i>XYZ</i> CIE |      | <i>xy</i> CIE |       | <i>XYZ</i> RGB |       | <i>RGB</i> 'sRGB |       |       | <i>RGB</i> 'AdobeRGB |        |        |        |        |        |
|----------|------------|---------------|-------------------------|-------------------------|-------------------------|------------|------------|------------|------------|------------|------------|-----------------|-------|--------------------------|-------|----------------|------|---------------|-------|----------------|-------|------------------|-------|-------|----------------------|--------|--------|--------|--------|--------|
| 0        | 1          | TLS00         | 0.0                     | 0.0                     | 0.0                     | 0.0        | 0.0        | 0.0        | 0.0        | 1.0        | 0.0        | 0.0             | 0.0   | 0.0                      | 0.0   | 0.0            | 0.0  | 0.0           | 0.328 | 0.328          | 0.0   | 0.0              | 0.0   | 0.0   | 0.0                  | 0.006  | 0.006  | 0.006  |        |        |
| 1        | 1          | TLS00         | 0.0                     | 0.0                     | 0.5                     | 0.781      | 0.25       | 0.5        | 0.851      | 0.5        | 0.0        | 15.2            | 64.3  | 306.3                    | 38.0  | −51.7          | 3.9  | 1.9           | 16.0  | 0.178          | 0.178 | 0.044            | 0.022 | 0.181 | 0.147                | 0.07   | 0.472  | 0.149  | 0.098  | 0.46   |
| 2        | 1          | TLS00         | 0.0                     | 0.0                     | 1.0                     | 0.781      | 0.5        | 1.0        | 0.851      | 0.0        | 0.0        | 30.4            | 128.5 | 306.3                    | 76.1  | −103.5         | 16.0 | 6.4           | 84.2  | 0.15           | 0.15  | 0.18             | 0.072 | 0.951 | 0.0                  | 0.001  | 1.0    | −0.008 | 0.005  | 0.981  |
| 3        | 1          | TLS00         | 0.0                     | 0.5                     | 0.0                     | 0.308      | 0.25       | 0.5        | 0.378      | 0.5        | 0.0        | 41.8            | 57.5  | 136.0                    | −41.3 | 39.9           | 6.8  | 12.4          | 2.9   | 0.309          | 0.309 | 0.077            | 0.14  | 0.033 | 0.145                | 0.472  | 0.102  | 0.293  | 0.469  | 0.16   |
| 4        | 1          | TLS00         | 0.0                     | 0.5                     | 0.5                     | 0.475      | 0.25       | 0.5        | 0.545      | 0.5        | 0.0        | 43.4            | 24.1  | 196.4                    | −23.0 | −6.7           | 9.6  | 13.5          | 17.8  | 0.236          | 0.236 | 0.109            | 0.152 | 0.2   | 0.147                | 0.471  | 0.47   | 0.293  | 0.467  | 0.466  |
| 5        | 1          | TLS00         | 0.0                     | 0.5                     | 1.0                     | 0.628      | 0.5        | 1.0        | 0.698      | 0.0        | 0.0        | 58.6            | 88.3  | 251.3                    | −28.2 | −83.6          | 19.2 | 26.6          | 130.4 | 0.109          | 0.109 | 0.217            | 0.301 | 1.471 | −6.369               | 0.676  | 1.196  | −0.516 | 0.67   | 1.188  |
| 6        | 1          | TLS00         | 0.0                     | 1.0                     | 0.0                     | 0.308      | 0.5        | 1.0        | 0.378      | 0.0        | 0.0        | 83.6            | 115.0 | 136.0                    | −82.7 | 79.9           | 31.7 | 63.4          | 10.6  | 0.3            | 0.3   | 0.358            | 0.715 | 0.119 | 0.002                | 1.0    | 0.0    | 0.565  | 1.0    | 0.234  |
| 7        | 1          | TLS00         | 0.0                     | 1.0                     | 0.5                     | 0.392      | 0.5        | 1.0        | 0.462      | 0.0        | 0.0        | 85.3            | 81.6  | 166.2                    | −79.1 | 19.5           | 34.7 | 66.5          | 50.8  | 0.228          | 0.228 | 0.391            | 0.751 | 0.573 | −2.22                | 1.023  | 0.718  | 0.455  | 1.024  | 0.729  |
| 8        | 1          | TLS00         | 0.0                     | 1.0                     | 1.0                     | 0.475      | 0.5        | 1.0        | 0.545      | 0.0        | 0.0        | 86.9            | 48.1  | 196.4                    | −46.1 | −13.5          | 47.7 | 69.8          | 94.8  | 0.225          | 0.225 | 0.538            | 0.787 | 1.07  | 0.003                | 1.0    | 1.0    | 0.565  | 1.0    | 1.0    |
| 9        | 1          | TLS00         | 0.5                     | 0.0                     | 0.0                     | 0.042      | 0.25       | 0.5        | 0.111      | 0.5        | 0.0        | 25.3            | 50.2  | 40.0                     | 38.5  | 32.3           | 7.7  | 4.5           | 0.8   | 0.593          | 0.593 | 0.087            | 0.051 | 0.009 | 0.483                | 0.109  | 0.049  | 0.416  | 0.131  | 0.083  |
| 10       | 1          | TLS00         | 0.5                     | 0.0                     | 0.5                     | 0.842      | 0.25       | 0.5        | 0.912      | 0.5        | 0.0        | 28.6            | 55.5  | 328.2                    | 47.2  | −29.1          | 10.5 | 5.7           | 16.3  | 0.322          | 0.322 | 0.118            | 0.064 | 0.184 | 0.475                | 0.123  | 0.471  | 0.411  | 0.143  | 0.459  |
| 11       | 1          | TLS00         | 0.5                     | 0.0                     | 1.0                     | 0.811      | 0.5        | 1.0        | 0.881      | 0.0        | 0.0        | 43.8            | 119.7 | 317.3                    | 87.9  | −81.2          | 31.5 | 13.7          | 85.4  | 0.241          | 0.241 | 0.355            | 0.155 | 0.964 | 0.689                | −0.171 | 1.003  | 0.583  | −0.14  | 0.984  |
| 12       | 1          | TLS00         | 0.5                     | 0.5                     | 0.0                     | 0.217      | 0.25       | 0.5        | 0.286      | 0.5        | 0.0        | 46.3            | 46.5  | 102.8                    | −10.2 | 45.4           | 13.1 | 15.5          | 3.3   | 0.411          | 0.411 | 0.148            | 0.175 | 0.037 | 0.475                | 0.469  | 0.108  | 0.47   | 0.466  | 0.163  |
| 13       | 1          | TLS00         | 0.5                     | 0.5                     | 0.5                     | 0.0        | 0.5        | 0.0        | 0.0        | 0.5        | 0.5        | 47.7            | 0.0   | 0.0                      | 0.0   | 0.0            | 15.7 | 16.6          | 18.0  | 0.313          | 0.313 | 0.178            | 0.187 | 0.204 | 0.47                 | 0.47   | 0.47   | 0.467  | 0.467  | 0.467  |
| 14       | 1          | TLS00         | 0.5                     | 0.5                     | 1.0                     | 0.781      | 0.75       | 0.5        | 0.851      | 0.0        | 0.5        | 62.9            | 64.3  | 306.3                    | 38.0  | −51.7          | 41.1 | 31.5          | 90.2  | 0.253          | 0.253 | 0.464            | 0.355 | 1.018 | 0.701                | 0.546  | 1.013  | 0.656  | 0.541  | 0.999  |
| 15       | 1          | TLS00         | 0.5                     | 1.0                     | 0.0                     | 0.261      | 0.5        | 1.0        | 0.332      | 0.0        | 0.0        | 88.1            | 104.1 | 119.4                    | −51.0 | 90.6           | 47.9 | 72.4          | 9.6   | 0.369          | 0.369 | 0.54             | 0.817 | 0.108 | 0.695                | 1.006  | −0.287 | 0.795  | 1.006  | 0.17   |
| 16       | 1          | TLS00         | 0.5                     | 1.0                     | 0.5                     | 0.308      | 0.75       | 0.5        | 0.378      | 0.0        | 0.5        | 89.5            | 57.5  | 136.0                    | −41.3 | 39.9           | 53.7 | 75.3          | 39.0  | 0.32           | 0.32  | 0.607            | 0.85  | 0.44  | 0.695                | 1.011  | 0.606  | 0.797  | 1.011  | 0.624  |
| 17       | 1          | TLS00         | 0.5                     | 1.0                     | 1.0                     | 0.475      | 0.75       | 0.5        | 0.545      | 0.0        | 0.5        | 91.1            | 24.1  | 196.4                    | −23.0 | −6.7           | 64.2 | 78.8          | 95.6  | 0.269          | 0.269 | 0.725            | 0.889 | 1.079 | 0.697                | 1.005  | 1.0    | 0.796  | 1.005  | 1.0    |
| 18       | 1          | TLS00         | 1.0                     | 0.0                     | 0.0                     | 0.042      | 0.5        | 1.0        | 0.111      | 0.0        | 0.0        | 50.5            | 100.4 | 40.0                     | 76.9  | 64.6           | 36.5 | 18.8          | 1.7   | 0.64           | 0.64  | 0.412            | 0.213 | 0.019 | 1.0                  | 0.003  | 0.0    | 0.859  | −0.002 | −0.003 |
| 19       | 1          | TLS00         | 1.0                     | 0.0                     | 0.5                     | 0.942      | 0.5        | 1.0        | 0.011      | 0.0        | 0.0        | 53.9            | 105.7 | 4.1                      | 105.4 | 7.6            | 51.2 | 21.9          | 19.6  | 0.552          | 0.552 | 0.577            | 0.247 | 0.221 | 1.152                | −1.121 | 0.502  | 0.983  | −0.329 | 0.484  |
| 20       | 1          | TLS00         | 1.0                     | 0.0                     | 1.0                     | 0.842      | 0.5        | 1.0        | 0.912      | 0.0        | 0.0        | 57.3            | 111.0 | 328.2                    | 94.4  | −58.3          | 52.5 | 25.2          | 85.9  | 0.321          | 0.321 | 0.593            | 0.285 | 0.97  | 1.0                  | 0.003  | 1.0    | 0.859  | −0.008 | 0.981  |
| 21       | 1          | TLS00         | 1.0                     | 0.5                     | 0.0                     | 0.128      | 0.5        | 1.0        | 0.198      | 0.0        | 0.0        | 71.6            | 96.7  | 71.4                     | 30.8  | 91.7           | 51.8 | 43.0          | 2.8   | 0.53           | 0.53  | 0.584            | 0.486 | 0.032 | 1.055                | 0.623  | −0.421 | 0.957  | 0.617  | −0.156 |
| 22       | 1          | TLS00         | 1.0                     | 0.5                     | 0.5                     | 0.042      | 0.75       | 0.5        | 0.111      | 0.0        | 0.5        | 73.0            | 50.2  | 40.0                     | 38.5  | 32.3           | 57.1 | 45.1          | 24.2  | 0.452          | 0.452 | 0.644            | 0.509 | 0.273 | 1.071                | 0.62   | 0.507  | 0.969  | 0.614  | 0.508  |
| 23       | 1          | TLS00         | 1.0                     | 0.5                     | 1.0                     | 0.842      | 0.75       | 0.5        | 0.912      | 0.0        | 0.5        | 76.4            | 55.5  | 328.2                    | 47.2  | −29.1          | 67.1 | 50.5          | 91.1  | 0.322          | 0.322 | 0.758            | 0.57  | 1.028 | 1.029                | 0.648  | 1.006  | 0.939  | 0.642  | 0.994  |
| 24       | 1          | TLS00         | 1.0                     | 1.0                     | 0.0                     | 0.217      | 0.5        | 1.0        | 0.286      | 0.0        | 0.0        | 92.7            | 93.1  | 102.8                    | −20.6 | 90.8           | 68.2 | 82.2          | 12.3  | 0.419          | 0.419 | 0.77             | 0.928 | 0.138 | 1.0                  | 1.0    | 0.0    | 1.0    | 1.0    | 0.234  |
| 25       | 1          | TLS00         | 1.0                     | 1.0                     | 0.5                     | 0.217      | 0.75       | 0.5        | 0.286      | 0.0        | 0.5        | 94.0            | 46.5  | 102.8                    | −10.2 | 45.4           | 75.9 | 85.4          | 40.9  | 0.375          | 0.375 | 0.857            | 0.963 | 0.462 | 1.028                | 0.998  | 0.618  | 1.021  | 0.998  | 0.634  |
| 26       | 1          | TLS00         | 1.0                     | 1.0                     | 1.0                     | 0.0        | 1.0        | 0.0        | 0.0        | 0.0        | 1.0        | 95.4            | 0.0   | 0.0                      | 0.0   | 0.0            | 84.2 | 88.6          | 96.5  | 0.313          | 0.313 | 0.95             | 1.0   | 1.089 | 1.0                  | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |



%Gamut  
 $u^*_{rel} = 114$   
%Regularity  
 $g^*_{H,rel} = 28$   
 $g^*_{C,rel} = 43$

| FRS06            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>M</sub>   | 32.57       | 61.14   | 43.72   | 75.16        | 36           |
| Y <sub>M</sub>   | 82.73       | -3.5    | 109.24  | 109.3        | 92           |
| L <sub>M</sub>   | 39.43       | -62.86  | 42.8    | 76.06        | 146          |
| C <sub>M</sub>   | 47.86       | -27.72  | -37.61  | 46.74        | 234          |
| V <sub>M</sub>   | 10.16       | 53.56   | -62.91  | 82.63        | 310          |
| M <sub>M</sub>   | 34.5        | 79.53   | -36.76  | 87.62        | 335          |
| N <sub>M</sub>   | 6.25        | -1.62   | -1.72   | 2.38         | 227          |
| W <sub>M</sub>   | 91.97       | -0.17   | -5.1    | 5.11         | 268          |
| R <sub>CIE</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub> | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub> | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub> | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

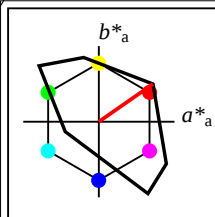


%Gamut  
 $u^*_{rel} = 115$   
%Regularity  
 $g^*_{H,rel} = 28$   
 $g^*_{C,rel} = 38$

| FRS06a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 32.57       | 62.32   | 46.49   | 77.75        | 37           |
| Y <sub>Ma</sub>             | 82.73       | -3.16   | 113.99  | 114.03       | 92           |
| L <sub>Ma</sub>             | 39.43       | -61.79  | 45.84   | 76.95        | 143          |
| C <sub>Ma</sub>             | 47.86       | -26.79  | -34.24  | 43.49        | 232          |
| V <sub>Ma</sub>             | 10.16       | 55.12   | -61.03  | 82.24        | 312          |
| M <sub>Ma</sub>             | 34.5        | 80.68   | -33.92  | 87.52        | 337          |
| N <sub>Ma</sub>             | 6.25        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>             | 91.97       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub>            | 39.92       | 59.8    | 31.05   | 67.38        | 27           |
| J <sub>CIE</sub>            | 81.26       | -2.52   | 76.25   | 76.29        | 92           |
| G <sub>CIE</sub>            | 52.23       | -41.56  | 17.14   | 44.96        | 158          |
| B <sub>CIE</sub>            | 30.57       | 2.63    | -43.77  | 43.86        | 273          |

Data of 3x3x3=27 colors in colorimetric system FRS06; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

| n  | no. | System | $\rho^*_3$ | $l^*_3$ | $v^*_3$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ |       | $a^*b^*_{CIE}$ |       |       | $XYZ_{CIE}$ |      | $xy_{CIE}$ |       | $XYZ_{RGB}$ |       | $RGB'_{sRGB}$ |       |        | $RGB'_{AdobeRGB}$ |        |        |        |                                                                                     |                                                                                       |
|----|-----|--------|------------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|-------|----------------|-------|-------|-------------|------|------------|-------|-------------|-------|---------------|-------|--------|-------------------|--------|--------|--------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 0  | 2   | FRS06  | 0.0        | 0.0     | 0.0     | 0.0   | 0.0   | 0.0   | 0.0   | 1.0   | 0.0   | 6.3           | 0.0   | 0.0            | 0.0   | 0.7   | 0.7         | 0.8  | 0.313      | 0.313 | 0.007       | 0.008 | 0.009         | 0.085 | 0.085  | 0.085             | 0.11   | 0.11   | 0.11   |  |                                                                                       |
| 1  | 2   | FRS06  | 0.0        | 0.0     | 0.5     | 0.797 | 0.25  | 0.5   | 0.867 | 0.5   | 0.0   | 5.1           | 41.1  | 312.1          | 27.6  | -30.4 | 1.3         | 0.6  | 4.1        | 0.214 | 0.214       | 0.014 | 0.006         | 0.046 | 0.121  | 0.0               | 0.243  | 0.121  | 0.003  | 0.247                                                                               |    |
| 2  | 2   | FRS06  | 0.0        | 0.0     | 1.0     | 0.797 | 0.5   | 1.0   | 0.867 | 0.0   | 0.0   | 10.2          | 82.2  | 312.1          | 55.1  | -60.9 | 3.6         | 1.1  | 16.3       | 0.171 | 0.171       | 0.041 | 0.013         | 0.184 | 0.152  | -0.095            | 0.477  | 0.135  | -0.107 | 0.465                                                                               |    |
| 3  | 2   | FRS06  | 0.0        | 0.5     | 0.0     | 0.328 | 0.25  | 0.5   | 0.398 | 0.5   | 0.0   | 19.7          | 38.5  | 143.4          | -30.8 | 22.9  | 1.4         | 2.9  | 0.8        | 0.277 | 0.277       | 0.016 | 0.033         | 0.009 | -0.04  | 0.239             | 0.044  | 0.129  | 0.248  | 0.091                                                                               |    |
| 4  | 2   | FRS06  | 0.0        | 0.5     | 0.5     | 0.575 | 0.25  | 0.5   | 0.644 | 0.5   | 0.0   | 23.9          | 21.7  | 232.0          | -13.3 | -17.0 | 3.0         | 4.1  | 8.6        | 0.193 | 0.193       | 0.034 | 0.046         | 0.098 | -0.106 | 0.265             | 0.342  | 0.125  | 0.272  | 0.341                                                                               |    |
| 5  | 2   | FRS06  | 0.0        | 0.5     | 1.0     | 0.686 | 0.5   | 1.0   | 0.756 | 0.0   | 0.0   | 29.0          | 62.9  | 272.0          | 2.2   | -62.7 | 5.7         | 5.8  | 37.7       | 0.117 | 0.117       | 0.065 | 0.066         | 0.426 | -1.335 | 0.31              | 0.694  | -0.259 | 0.314  | 0.678                                                                               |    |
| 6  | 2   | FRS06  | 0.0        | 1.0     | 0.0     | 0.328 | 0.5   | 1.0   | 0.398 | 0.0   | 0.0   | 39.4          | 76.9  | 143.4          | -61.7 | 45.8  | 4.2         | 10.9 | 1.7        | 0.251 | 0.251       | 0.048 | 0.123         | 0.019 | -0.57  | 0.468             | -0.031 | 0.174  | 0.465  | 0.092                                                                               |    |
| 7  | 2   | FRS06  | 0.0        | 1.0     | 0.5     | 0.453 | 0.5   | 1.0   | 0.521 | 0.0   | 0.0   | 43.6          | 60.2  | 187.7          | -59.6 | -8.0  | 5.9         | 13.6 | 18.6       | 0.154 | 0.154       | 0.066 | 0.153         | 0.21  | -1.632 | 0.52              | 0.478  | -0.183 | 0.515  | 0.476                                                                               |    |
| 8  | 2   | FRS06  | 0.0        | 1.0     | 1.0     | 0.575 | 0.5   | 1.0   | 0.644 | 0.0   | 0.0   | 47.9          | 43.5  | 232.0          | -26.7 | -34.1 | 11.7        | 16.7 | 40.9       | 0.168 | 0.168       | 0.132 | 0.188         | 0.462 | -1.205 | 0.532             | 0.707  | 0.071  | 0.527  | 0.695                                                                               |    |
| 9  | 2   | FRS06  | 0.5        | 0.0     | 0.0     | 0.033 | 0.25  | 0.5   | 0.102 | 0.5   | 0.0   | 16.3          | 38.9  | 36.7           | 31.2  | 23.2  | 3.8         | 2.2  | 0.3        | 0.601 | 0.601       | 0.042 | 0.024         | 0.004 | 0.346  | 0.058             | 0.018  | 0.301  | 0.087  | 0.053                                                                               |    |
| 10 | 2   | FRS06  | 0.5        | 0.0     | 0.5     | 0.867 | 0.25  | 0.5   | 0.937 | 0.5   | 0.0   | 17.3          | 43.8  | 337.2          | 40.3  | -16.9 | 4.7         | 2.4  | 5.6        | 0.372 | 0.372       | 0.053 | 0.027         | 0.063 | 0.349  | 0.013             | 0.281  | 0.302  | 0.042  | 0.281                                                                               |    |
| 11 | 2   | FRS06  | 0.5        | 0.0     | 1.0     | 0.833 | 0.5   | 1.0   | 0.902 | 0.0   | 0.0   | 22.3          | 84.9  | 324.6          | 69.2  | -49.0 | 9.8         | 3.6  | 20.8       | 0.286 | 0.286       | 0.111 | 0.041         | 0.235 | 0.46   | -0.27             | 0.533  | 0.384  | -0.172 | 0.518                                                                               |    |
| 12 | 2   | FRS06  | 0.5        | 0.5     | 0.0     | 0.186 | 0.25  | 0.5   | 0.254 | 0.5   | 0.0   | 41.4          | 57.0  | 91.6           | -1.5  | 57.0  | 11.3        | 12.1 | 1.0        | 0.463 | 0.463       | 0.127 | 0.136         | 0.011 | 0.481  | 0.401             | -0.113 | 0.457  | 0.4    | -0.07                                                                               |    |
| 13 | 2   | FRS06  | 0.5        | 0.5     | 0.5     | 0.0   | 0.5   | 0.0   | 0.0   | 0.5   | 0.5   | 49.1          | 0.0   | 0.0            | 0.0   | 0.0   | 16.8        | 17.7 | 19.3       | 0.313 | 0.313       | 0.19  | 0.2           | 0.217 | 0.484  | 0.484             | 0.484  | 0.481  | 0.481  | 0.481                                                                               |    |
| 14 | 2   | FRS06  | 0.5        | 0.5     | 1.0     | 0.797 | 0.75  | 0.5   | 0.867 | 0.0   | 0.5   | 51.1          | 41.1  | 312.1          | 27.6  | -30.4 | 24.1        | 19.3 | 42.5       | 0.281 | 0.281       | 0.272 | 0.218         | 0.48  | 0.591  | 0.443             | 0.72   | 0.549  | 0.441  | 0.706                                                                               |    |
| 15 | 2   | FRS06  | 0.5        | 1.0     | 0.0     | 0.258 | 0.5   | 1.0   | 0.326 | 0.0   | 0.0   | 61.1          | 95.5  | 117.5          | -44.0 | 84.7  | 18.2        | 29.3 | 1.5        | 0.371 | 0.371       | 0.205 | 0.331         | 0.017 | 0.42   | 0.682             | -0.489 | 0.509  | 0.676  | -0.164                                                                              |    |
| 16 | 2   | FRS06  | 0.5        | 1.0     | 0.5     | 0.328 | 0.75  | 0.5   | 0.398 | 0.0   | 0.5   | 65.7          | 38.5  | 143.4          | -30.8 | 22.9  | 25.2        | 34.9 | 22.3       | 0.306 | 0.306       | 0.285 | 0.394         | 0.252 | 0.473  | 0.718             | 0.487  | 0.553  | 0.712  | 0.495                                                                               |    |
| 17 | 2   | FRS06  | 0.5        | 1.0     | 1.0     | 0.575 | 0.75  | 0.5   | 0.644 | 0.0   | 0.5   | 69.9          | 21.7  | 232.0          | -13.3 | -17.0 | 34.6        | 40.6 | 61.4       | 0.253 | 0.253       | 0.39  | 0.459         | 0.693 | 0.5    | 0.743             | 0.833  | 0.577  | 0.737  | 0.825                                                                               |    |
| 18 | 2   | FRS06  | 1.0        | 0.0     | 0.0     | 0.033 | 0.5   | 1.0   | 0.102 | 0.0   | 0.0   | 32.6          | 77.8  | 36.7           | 62.3  | 46.5  | 15.2        | 7.3  | 0.7        | 0.655 | 0.655       | 0.172 | 0.083         | 0.008 | 0.685  | -0.141            | 0.01   | 0.58   | -0.128 | 0.023                                                                               |    |
| 19 | 2   | FRS06  | 1.0        | 0.0     | 0.5     | 0.95  | 0.5   | 1.0   | 0.019 | 0.0   | 0.0   | 33.5          | 82.6  | 7.0            | 82.0  | 10.0  | 19.6        | 7.8  | 5.8        | 0.59  | 0.59        | 0.222 | 0.088         | 0.066 | 0.767  | -0.606            | 0.281  | 0.644  | -0.248 | 0.277                                                                               |    |
| 20 | 2   | FRS06  | 1.0        | 0.0     | 1.0     | 0.867 | 0.5   | 1.0   | 0.937 | 0.0   | 0.0   | 34.5          | 87.5  | 337.2          | 80.7  | -33.8 | 20.2        | 8.3  | 24.1       | 0.384 | 0.384       | 0.228 | 0.093         | 0.272 | 0.708  | -0.449            | 0.567  | 0.595  | -0.217 | 0.55                                                                                |    |
| 21 | 2   | FRS06  | 1.0        | 0.5     | 0.0     | 0.108 | 0.5   | 1.0   | 0.178 | 0.0   | 0.0   | 57.6          | 95.9  | 64.2           | 41.8  | 86.3  | 35.3        | 25.6 | 0.9        | 0.571 | 0.571       | 0.398 | 0.289         | 0.01  | 0.926  | 0.433             | -0.333 | 0.82   | 0.43   | -0.161                                                                              |    |
| 22 | 2   | FRS06  | 1.0        | 0.5     | 0.5     | 0.033 | 0.75  | 0.5   | 0.102 | 0.0   | 0.5   | 62.3          | 38.9  | 36.7           | 31.2  | 23.2  | 38.1        | 30.7 | 19.0       | 0.434 | 0.434       | 0.43  | 0.347         | 0.214 | 0.882  | 0.53              | 0.461  | 0.797  | 0.526  | 0.461                                                                               |    |
| 23 | 2   | FRS06  | 1.0        | 0.5     | 1.0     | 0.867 | 0.75  | 0.5   | 0.937 | 0.0   | 0.5   | 63.2          | 43.8  | 337.2          | 40.3  | -16.9 | 42.3        | 31.9 | 49.3       | 0.343 | 0.343       | 0.478 | 0.36          | 0.557 | 0.864  | 0.522             | 0.762  | 0.781  | 0.517  | 0.748                                                                               |   |
| 24 | 2   | FRS06  | 1.0        | 1.0     | 0.0     | 0.186 | 0.5   | 1.0   | 0.254 | 0.0   | 0.0   | 82.7          | 114.0 | 91.6           | -3.1  | 114.0 | 57.3        | 61.7 | 2.4        | 0.472 | 0.472       | 0.647 | 0.696         | 0.027 | 1.005  | 0.843             | -0.994 | 0.962  | 0.839  | -0.245                                                                              |  |
| 25 | 2   | FRS06  | 1.0        | 1.0     | 0.5     | 0.186 | 0.75  | 0.5   | 0.254 | 0.0   | 0.5   | 87.3          | 57.0  | 91.6           | -1.5  | 57.0  | 66.5        | 70.7 | 24.2       | 0.412 | 0.412       | 0.751 | 0.798         | 0.274 | 1.03   | 0.897             | 0.447  | 0.994  | 0.894  | 0.474                                                                               |  |
| 26 | 2   | FRS06  | 1.0        | 1.0     | 1.0     | 0.0   | 1.0   | 0.0   | 0.0   | 0.0   | 1.0   | 92.0          | 0.0   | 0.0            | 0.0   | 0.0   | 76.6        | 80.6 | 87.8       | 0.313 | 0.313       | 0.865 | 0.91          | 0.991 | 0.959  | 0.96              | 0.959  | 0.958  | 0.958  | 0.958                                                                               |  |



%Gamut

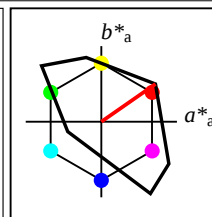
$u^*_{rel} = 118$

%Regularity

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

| TLS18     |             |         |         |              |              |
|-----------|-------------|---------|---------|--------------|--------------|
|           | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $O_M$     | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| $Y_M$     | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| $L_M$     | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| $C_M$     | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| $V_M$     | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| $M_M$     | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| $N_M$     | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| $W_M$     | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.46  | 46.49        | 272          |



%Gamut

$u^*_{rel} = 118$

%Regularity

$g^*_{H,rel} = 22$

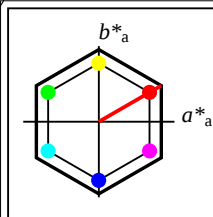
$g^*_{C,rel} = 40$

| TLS18a; adapted CIELAB data |             |         |         |              |              |
|-----------------------------|-------------|---------|---------|--------------|--------------|
|                             | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $O_{Ma}$                    | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| $Y_{Ma}$                    | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| $L_{Ma}$                    | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| $C_{Ma}$                    | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| $V_{Ma}$                    | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| $M_{Ma}$                    | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| $N_{Ma}$                    | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$                    | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$                   | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$                   | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| $G_{CIE}$                   | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| $B_{CIE}$                   | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

input:  $olv^*$  setrgbcolor  
output:  $olv^*$  (TRI9) setrgbcolor

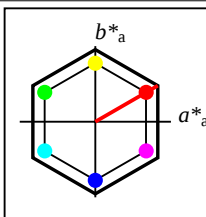
Data of 3x3x3=27 colors in colorimetric system TLS18; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

| <i>n</i> | <i>no.</i> | <i>System</i> | <i>o</i> * <sub>3</sub> | <i>l</i> * <sub>3</sub> | <i>v</i> * <sub>3</sub> | <i>e</i> * | <i>t</i> * | <i>c</i> * | <i>h</i> * | <i>n</i> * | <i>w</i> * | <i>LCH</i> * <sub>CIE</sub> |       | <i>a</i> * <i>b</i> * <sub>CIE</sub> |       | <i>XYZ</i> * <sub>CIE</sub> |      | <i>xy</i> * <sub>CIE</sub> |       | <i>XYZ</i> * <sub>RGB</sub> |       | <i>RGB</i> ' <sub>sRGB</sub> |       |       | <i>RGB</i> ' <sub>AdobeRGB</sub> |        |        |        |        |                                                                                     |                                                                                     |
|----------|------------|---------------|-------------------------|-------------------------|-------------------------|------------|------------|------------|------------|------------|------------|-----------------------------|-------|--------------------------------------|-------|-----------------------------|------|----------------------------|-------|-----------------------------|-------|------------------------------|-------|-------|----------------------------------|--------|--------|--------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 0        | 3          | TLS18         | 0.0                     | 0.0                     | 0.0                     | 0.0        | 0.0        | 0.0        | 0.0        | 1.0        | 0.0        | 18.0                        | 0.0   | 0.0                                  | 0.0   | 2.4                         | 2.5  | 2.7                        | 0.313 | 0.313                       | 0.027 | 0.028                        | 0.031 | 0.184 | 0.184                            | 0.184  | 0.198  | 0.198  | 0.198  |  |                                                                                     |
| 1        | 3          | TLS18         | 0.0                     | 0.0                     | 0.5                     | 0.775      | 0.25       | 0.5        | 0.845      | 0.5        | 0.0        | 17.7                        | 57.6  | 304.3                                | 32.5  | -47.4                       | 4.3  | 2.5                        | 16.1  | 0.188                       | 0.188 | 0.048                        | 0.028 | 0.181 | 0.166                            | 0.117  | 0.472  | 0.17   | 0.138  | 0.46                                                                                |  |
| 2        | 3          | TLS18         | 0.0                     | 0.0                     | 1.0                     | 0.775      | 0.5        | 1.0        | 0.845      | 0.0        | 0.0        | 35.5                        | 115.1 | 304.3                                | 64.9  | -95.0                       | 17.9 | 8.7                        | 84.5  | 0.161                       | 0.161 | 0.202                        | 0.099 | 0.954 | 0.185                            | 0.185  | 1.0    | 0.199  | 0.198  | 0.981                                                                               |  |
| 3        | 3          | TLS18         | 0.0                     | 0.5                     | 0.0                     | 0.311      | 0.25       | 0.5        | 0.38       | 0.5        | 0.0        | 42.0                        | 54.1  | 136.9                                | -39.4 | 37.0                        | 7.1  | 12.5                       | 3.4   | 0.308                       | 0.308 | 0.08                         | 0.141 | 0.038 | 0.166                            | 0.472  | 0.135  | 0.299  | 0.468  | 0.181                                                                               |  |
| 4        | 3          | TLS18         | 0.0                     | 0.5                     | 0.5                     | 0.475      | 0.25       | 0.5        | 0.546      | 0.5        | 0.0        | 43.6                        | 23.2  | 196.5                                | -22.1 | -6.5                        | 9.8  | 13.5                       | 17.8  | 0.239                       | 0.239 | 0.111                        | 0.153 | 0.2   | 0.168                            | 0.471  | 0.469  | 0.3    | 0.467  | 0.466                                                                               |  |
| 5        | 3          | TLS18         | 0.0                     | 0.5                     | 1.0                     | 0.625      | 0.5        | 1.0        | 0.696      | 0.0        | 0.0        | 61.3                        | 80.7  | 250.4                                | -27.0 | -75.9                       | 21.8 | 29.6                       | 124.8 | 0.124                       | 0.124 | 0.246                        | 0.334 | 1.409 | -5.403                           | 0.699  | 1.171  | -0.448 | 0.693  | 1.163                                                                               |  |
| 6        | 3          | TLS18         | 0.0                     | 1.0                     | 0.0                     | 0.311      | 0.5        | 1.0        | 0.38       | 0.0        | 0.0        | 84.0                        | 108.2 | 136.9                                | -78.9 | 73.9                        | 33.2 | 64.1                       | 13.0  | 0.301                       | 0.301 | 0.374                        | 0.723 | 0.147 | 0.186                            | 1.0    | 0.184  | 0.583  | 1.0    | 0.295                                                                               |  |
| 7        | 3          | TLS18         | 0.0                     | 1.0                     | 0.5                     | 0.394      | 0.5        | 1.0        | 0.463      | 0.0        | 0.0        | 85.6                        | 77.3  | 166.7                                | -75.1 | 17.8                        | 36.3 | 67.1                       | 53.0  | 0.232                       | 0.232 | 0.409                        | 0.758 | 0.598 | -1.766                           | 1.022  | 0.736  | 0.482  | 1.022  | 0.745                                                                               |  |
| 8        | 3          | TLS18         | 0.0                     | 1.0                     | 1.0                     | 0.475      | 0.5        | 1.0        | 0.546      | 0.0        | 0.0        | 87.1                        | 46.3  | 196.5                                | -44.3 | -13.0                       | 48.7 | 70.3                       | 94.8  | 0.228                       | 0.228 | 0.55                         | 0.793 | 1.07  | 0.187                            | 1.0    | 1.0    | 0.583  | 1.0    | 1.0                                                                                 |  |
| 9        | 3          | TLS18         | 0.5                     | 0.0                     | 0.0                     | 0.028      | 0.25       | 0.5        | 0.097      | 0.5        | 0.0        | 26.4                        | 43.6  | 34.9                                 | 35.8  | 24.9                        | 7.9  | 4.9                        | 1.5   | 0.554                       | 0.554 | 0.09                         | 0.055 | 0.017 | 0.481                            | 0.139  | 0.111  | 0.417  | 0.158  | 0.134                                                                               |  |
| 10       | 3          | TLS18         | 0.5                     | 0.0                     | 0.5                     | 0.842      | 0.25       | 0.5        | 0.911      | 0.5        | 0.0        | 29.5                        | 52.6  | 328.1                                | 44.7  | -27.7                       | 10.6 | 6.0                        | 16.3  | 0.322                       | 0.322 | 0.12                         | 0.068 | 0.185 | 0.475                            | 0.149  | 0.471  | 0.412  | 0.166  | 0.46                                                                                |  |
| 11       | 3          | TLS18         | 0.5                     | 0.0                     | 1.0                     | 0.808      | 0.5        | 1.0        | 0.878      | 0.0        | 0.0        | 47.2                        | 110.2 | 316.2                                | 79.5  | -76.2                       | 33.2 | 16.2                       | 86.6  | 0.244                       | 0.244 | 0.375                        | 0.183 | 0.978 | 0.698                            | 0.155  | 1.007  | 0.599  | 0.171  | 0.989                                                                               |  |
| 12       | 3          | TLS18         | 0.5                     | 0.5                     | 0.0                     | 0.217      | 0.25       | 0.5        | 0.287      | 0.5        | 0.0        | 46.4                        | 43.6  | 103.3                                | -9.9  | 42.5                        | 13.2 | 15.5                       | 3.7   | 0.406                       | 0.406 | 0.149                        | 0.175 | 0.042 | 0.475                            | 0.469  | 0.139  | 0.47   | 0.466  | 0.184                                                                               |  |
| 13       | 3          | TLS18         | 0.5                     | 0.5                     | 0.5                     | 0.0        | 0.5        | 0.0        | 0.0        | 0.5        | 0.5        | 56.7                        | 0.0   | 0.0                                  | 0.0   | 0.0                         | 23.4 | 24.6                       | 26.8  | 0.313                       | 0.313 | 0.264                        | 0.278 | 0.303 | 0.564                            | 0.564  | 0.564  | 0.559  | 0.559  | 0.559                                                                               |  |
| 14       | 3          | TLS18         | 0.5                     | 0.5                     | 1.0                     | 0.775      | 0.75       | 0.5        | 0.845      | 0.0        | 0.5        | 65.4                        | 57.6  | 304.3                                | 32.5  | -47.4                       | 42.9 | 34.6                       | 90.4  | 0.255                       | 0.255 | 0.484                        | 0.391 | 1.02  | 0.708                            | 0.589  | 1.011  | 0.671  | 0.584  | 0.998                                                                               |  |
| 15       | 3          | TLS18         | 0.5                     | 1.0                     | 0.0                     | 0.264      | 0.5        | 1.0        | 0.334      | 0.0        | 0.0        | 88.4                        | 97.7  | 120.1                                | -48.9 | 84.6                        | 49.0 | 72.8                       | 11.8  | 0.367                       | 0.367 | 0.553                        | 0.822 | 0.133 | 0.709                            | 1.005  | 0.05   | 0.804  | 1.005  | 0.245                                                                               |  |
| 16       | 3          | TLS18         | 0.5                     | 1.0                     | 0.5                     | 0.311      | 0.75       | 0.5        | 0.38       | 0.0        | 0.5        | 89.7                        | 54.1  | 136.9                                | -39.4 | 37.0                        | 54.8 | 75.7                       | 41.7  | 0.318                       | 0.318 | 0.618                        | 0.854 | 0.471 | 0.706                            | 1.01   | 0.633  | 0.803  | 1.01   | 0.648                                                                               |  |
| 17       | 3          | TLS18         | 0.5                     | 1.0                     | 1.0                     | 0.475      | 0.75       | 0.5        | 0.546      | 0.0        | 0.5        | 91.3                        | 23.2  | 196.5                                | -22.1 | -6.5                        | 64.9 | 79.1                       | 95.6  | 0.271                       | 0.271 | 0.732                        | 0.893 | 1.079 | 0.71                             | 1.004  | 1.0    | 0.803  | 1.005  | 1.0                                                                                 |  |
| 18       | 3          | TLS18         | 1.0                     | 0.0                     | 0.0                     | 0.028      | 0.5        | 1.0        | 0.097      | 0.0        | 0.0        | 52.8                        | 87.3  | 34.9                                 | 71.6  | 49.9                        | 37.9 | 20.8                       | 4.4   | 0.6                         | 0.6   | 0.428                        | 0.235 | 0.05  | 1.0                              | 0.185  | 0.184  | 0.863  | 0.198  | 0.198                                                                               |  |
| 19       | 3          | TLS18         | 1.0                     | 0.0                     | 0.5                     | 0.933      | 0.5        | 1.0        | 0.004      | 0.0        | 0.0        | 55.9                        | 96.3  | 1.5                                  | 96.2  | 2.4                         | 50.9 | 23.8                       | 24.4  | 0.514                       | 0.514 | 0.575                        | 0.269 | 0.276 | 1.126                            | -0.534 | 0.555  | 0.966  | -0.235 | 0.538                                                                               |  |
| 20       | 3          | TLS18         | 1.0                     | 0.0                     | 1.0                     | 0.842      | 0.5        | 1.0        | 0.911      | 0.0        | 0.0        | 59.0                        | 105.3 | 328.1                                | 89.3  | -55.6                       | 53.4 | 27.0                       | 86.2  | 0.321                       | 0.321 | 0.603                        | 0.305 | 0.973 | 1.0                              | 0.185  | 1.0    | 0.863  | 0.198  | 0.981                                                                               |  |
| 21       | 3          | TLS18         | 1.0                     | 0.5                     | 0.0                     | 0.122      | 0.5        | 1.0        | 0.192      | 0.0        | 0.0        | 72.7                        | 87.3  | 69.1                                 | 31.2  | 81.5                        | 53.9 | 44.8                       | 5.0   | 0.52                        | 0.52  | 0.608                        | 0.505 | 0.056 | 1.069                            | 0.636  | -0.127 | 0.97   | 0.63   | 0.093                                                                               |  |
| 22       | 3          | TLS18         | 1.0                     | 0.5                     | 0.5                     | 0.028      | 0.75       | 0.5        | 0.097      | 0.0        | 0.5        | 74.1                        | 43.6  | 34.9                                 | 35.8  | 24.9                        | 58.0 | 46.8                       | 30.2  | 0.43                        | 0.43  | 0.655                        | 0.529 | 0.341 | 1.059                            | 0.643  | 0.574  | 0.963  | 0.637  | 0.571                                                                               |  |
| 23       | 3          | TLS18         | 1.0                     | 0.5                     | 1.0                     | 0.842      | 0.75       | 0.5        | 0.911      | 0.0        | 0.5        | 77.2                        | 52.6  | 328.1                                | 44.7  | -27.7                       | 67.7 | 51.9                       | 91.2  | 0.321                       | 0.321 | 0.764                        | 0.586 | 1.03  | 1.026                            | 0.666  | 1.005  | 0.94   | 0.66   | 0.994                                                                               |  |
| 24       | 3          | TLS18         | 1.0                     | 1.0                     | 0.0                     | 0.217      | 0.5        | 1.0        | 0.287      | 0.0        | 0.0        | 92.7                        | 87.3  | 103.3                                | -19.9 | 85.0                        | 68.7 | 82.4                       | 14.7  | 0.414                       | 0.414 | 0.775                        | 0.93  | 0.166 | 1.0                              | 1.0    | 0.184  | 1.0    | 1.0    | 0.295                                                                               |  |
| 25       | 3          | TLS18         | 1.0                     | 1.0                     | 0.5                     | 0.217      | 0.75       | 0.5        | 0.287      | 0.0        | 0.5        | 94.1                        | 43.6  | 103.3                                | -9.9  | 42.5                        | 76.2 | 85.4                       | 43.5  | 0.371                       | 0.371 | 0.86                         | 0.964 | 0.491 | 1.026                            | 0.998  | 0.642  | 1.019  | 0.998  | 0.656                                                                               |  |
| 26       | 3          | TLS18         | 1.0                     | 1.0                     | 1.0                     | 0.0        | 1.0        | 0.0        | 0.0        | 0.0        | 1.0        | 95.4                        | 0.0   | 0.0                                  | 0.0   | 0.0                         | 84.2 | 88.6                       | 96.5  | 0.313                       | 0.313 | 0.95                         | 1.0   | 1.089 | 1.0                              | 1.0    | 1.0    | 1.0    | 1.0    | 1.0                                                                                 |  |



**%Gamut**  
**u\*<sub>rel</sub> = 152**  
**%Regularity**  
**g\*<sub>H,rel</sub> = 100**  
**g\*<sub>C,rel</sub> = 100**

| NLS00            |             |         |         |              |              |
|------------------|-------------|---------|---------|--------------|--------------|
|                  | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
| O <sub>M</sub>   | 31.81       | 82.62   | 47.7    | 95.4         | 30           |
| Y <sub>M</sub>   | 63.61       | 0.0     | 95.4    | 95.4         | 90           |
| L <sub>M</sub>   | 31.81       | -82.61  | 47.7    | 95.4         | 150          |
| C <sub>M</sub>   | 63.61       | -82.61  | -47.69  | 95.4         | 210          |
| V <sub>M</sub>   | 31.81       | 0.0     | -95.39  | 95.4         | 270          |
| M <sub>M</sub>   | 63.61       | 82.62   | -47.69  | 95.4         | 330          |
| N <sub>M</sub>   | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>M</sub>   | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub> | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub> | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub> | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

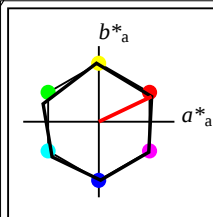


**%Gamut**  
**u\*<sub>rel</sub> = 152**  
**%Regularity**  
**g\*<sub>H,rel</sub> = 100**  
**g\*<sub>C,rel</sub> = 100**

| NLS00a; adapted CIELAB data |             |         |         |              |              |
|-----------------------------|-------------|---------|---------|--------------|--------------|
|                             | $L^*=L_a^*$ | $a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
| O <sub>Ma</sub>             | 31.81       | 82.62   | 47.7    | 95.4         | 30           |
| Y <sub>Ma</sub>             | 63.61       | 0.0     | 95.4    | 95.4         | 90           |
| L <sub>Ma</sub>             | 31.81       | -82.61  | 47.7    | 95.4         | 150          |
| C <sub>Ma</sub>             | 63.61       | -82.61  | -47.69  | 95.4         | 210          |
| V <sub>Ma</sub>             | 31.81       | 0.0     | -95.39  | 95.4         | 270          |
| M <sub>Ma</sub>             | 63.61       | 82.62   | -47.69  | 95.4         | 330          |
| N <sub>Ma</sub>             | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>             | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub>            | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| J <sub>CIE</sub>            | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| G <sub>CIE</sub>            | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| B <sub>CIE</sub>            | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

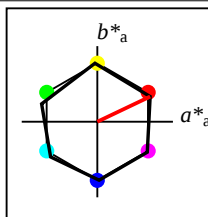
Data of 3x3x3=27 colors in colorimetric system NLS00; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

| n  | no. | System | $\rho^*_3$ | $l^*_3$ | $v^*_3$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ |      | $a^*b^*_{CIE}$ |       | $XYZ_{CIE}$ |      | $xy_{CIE}$ |       | $XYZ_{RGB}$ |       | $RGB'sRGB$ |       | $RGB'_{AdobeRGB}$ |        |        |        |        |                                                                                     |        |                                                                                       |                                                                                       |
|----|-----|--------|------------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|------|----------------|-------|-------------|------|------------|-------|-------------|-------|------------|-------|-------------------|--------|--------|--------|--------|-------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 0  | 4   | NLS00  | 0.0        | 0.0     | 0.0     | 0.0   | 0.0   | 0.0   | 0.0   | 1.0   | 0.0   | 0.0           | 0.0  | 0.0            | 0.0   | 0.0         | 0.0  | 0.0        | 0.328 | 0.328       | 0.0   | 0.0        | 0.0   | 0.0               | 0.0    | 0.006  | 0.006  | 0.006  |  |        |                                                                                       |                                                                                       |
| 1  | 4   | NLS00  | 0.0        | 0.0     | 0.5     | 0.681 | 0.25  | 0.5   | 0.75  | 0.5   | 0.0   | 15.9          | 47.7 | 270.0          | 0.0   | -47.6       | 2.0  | 2.1        | 14.7  | 0.105       | 0.105 | 0.022      | 0.023 | 0.166             | -0.603 | 0.187  | 0.452  | -0.186 | 0.201                                                                               | 0.443  |    |                                                                                       |
| 2  | 4   | NLS00  | 0.0        | 0.0     | 1.0     | 0.681 | 0.5   | 1.0   | 0.75  | 0.0   | 0.0   | 31.8          | 95.4 | 270.0          | 0.0   | -95.3       | 6.7  | 7.0        | 76.6  | 0.074       | 0.074 | 0.075      | 0.079 | 0.864             | -3.99  | 0.368  | 0.955  | -0.468 | 0.369                                                                               | 0.938  |    |                                                                                       |
| 3  | 4   | NLS00  | 0.0        | 0.5     | 0.0     | 0.347 | 0.25  | 0.5   | 0.417 | 0.5   | 0.0   | 15.9          | 47.7 | 150.0          | -41.2 | 23.9        | 0.7  | 2.1        | 0.2   | 0.222       | 0.222 | 0.008      | 0.023 | 0.003             | -0.169 | 0.212  | -0.017 | 0.045  | 0.223                                                                               | 0.02   |    |                                                                                       |
| 4  | 4   | NLS00  | 0.0        | 0.5     | 0.5     | 0.514 | 0.25  | 0.5   | 0.583 | 0.5   | 0.0   | 31.8          | 47.7 | 210.0          | -41.2 | -23.8       | 3.4  | 7.0        | 16.3  | 0.127       | 0.127 | 0.038      | 0.079 | 0.184             | -1.149 | 0.379  | 0.462  | -0.202 | 0.379                                                                               | 0.457  |    |                                                                                       |
| 5  | 4   | NLS00  | 0.0        | 0.5     | 1.0     | 0.597 | 0.5   | 1.0   | 0.667 | 0.0   | 0.0   | 47.7          | 95.4 | 240.0          | -47.6 | -82.5       | 8.9  | 16.6       | 97.0  | 0.073       | 0.073 | 0.1        | 0.187 | 1.095             | -6.571 | 0.583  | 1.053  | -0.558 | 0.578                                                                               | 1.04   |    |                                                                                       |
| 6  | 4   | NLS00  | 0.0        | 1.0     | 0.0     | 0.347 | 0.5   | 1.0   | 0.417 | 0.0   | 0.0   | 31.8          | 95.4 | 150.0          | -82.5 | 47.7        | 1.4  | 7.0        | 0.5   | 0.16        | 0.16  | 0.016      | 0.079 | 0.006             | -0.929 | 0.4    | -0.119 | -0.141 | 0.399                                                                               | -0.075 |    |                                                                                       |
| 7  | 4   | NLS00  | 0.0        | 1.0     | 0.5     | 0.431 | 0.5   | 1.0   | 0.5   | 0.0   | 0.0   | 47.7          | 95.4 | 180.0          | -95.3 | 0.0         | 4.4  | 16.6       | 18.0  | 0.112       | 0.112 | 0.049      | 0.187 | 0.204             | -2.956 | 0.594  | 0.461  | -0.307 | 0.588                                                                               | 0.465  |    |                                                                                       |
| 8  | 4   | NLS00  | 0.0        | 1.0     | 1.0     | 0.514 | 0.5   | 1.0   | 0.583 | 0.0   | 0.0   | 63.6          | 95.4 | 210.0          | -82.5 | -47.6       | 13.4 | 32.3       | 86.1  | 0.102       | 0.102 | 0.152      | 0.365 | 0.972             | -7.153 | 0.784  | 0.983  | -0.513 | 0.779                                                                               | 0.975  |    |                                                                                       |
| 9  | 4   | NLS00  | 0.5        | 0.0     | 0.0     | 0.014 | 0.25  | 0.5   | 0.083 | 0.5   | 0.0   | 15.9          | 47.7 | 30.0           | 41.3  | 23.8        | 4.3  | 2.1        | 0.2   | 0.651       | 0.651 | 0.049      | 0.023 | 0.003             | 0.383  | -0.043 | 0.012  | 0.328  | -0.074                                                                              | 0.038  |    |                                                                                       |
| 10 | 4   | NLS00  | 0.5        | 0.0     | 0.5     | 0.847 | 0.25  | 0.5   | 0.917 | 0.5   | 0.0   | 31.8          | 47.7 | 330.0          | 41.3  | -23.7       | 11.5 | 7.0        | 16.3  | 0.33        | 0.33  | 0.13       | 0.079 | 0.184             | 0.493  | 0.19   | 0.468  | 0.431  | 0.203                                                                               | 0.458  |    |                                                                                       |
| 11 | 4   | NLS00  | 0.5        | 0.0     | 1.0     | 0.764 | 0.5   | 1.0   | 0.833 | 0.0   | 0.0   | 47.7          | 95.4 | 300.0          | 47.7  | -82.5       | 25.5 | 16.6       | 97.0  | 0.183       | 0.183 | 0.287      | 0.187 | 1.095             | 0.345  | 0.378  | 1.057  | 0.356  | 0.378                                                                               | 1.042  |    |                                                                                       |
| 12 | 4   | NLS00  | 0.5        | 0.5     | 0.0     | 0.181 | 0.25  | 0.5   | 0.25  | 0.5   | 0.0   | 31.8          | 47.7 | 90.0           | 0.0   | 47.7        | 6.7  | 7.0        | 0.5   | 0.47        | 0.47  | 0.075      | 0.079 | 0.006             | 0.38   | 0.305  | -0.076 | 0.362  | 0.309                                                                               | -0.066 |    |                                                                                       |
| 13 | 4   | NLS00  | 0.5        | 0.5     | 0.5     | 0.0   | 0.5   | 0.0   | 0.0   | 0.5   | 0.5   | 47.7          | 0.0  | 0.0            | 0.0   | 0.0         | 15.7 | 16.6       | 18.0  | 0.313       | 0.313 | 0.178      | 0.187 | 0.204             | 0.47   | 0.47   | 0.47   | 0.467  | 0.467                                                                               | 0.467  |    |                                                                                       |
| 14 | 4   | NLS00  | 0.5        | 0.5     | 1.0     | 0.681 | 0.75  | 0.5   | 0.75  | 0.0   | 0.5   | 63.6          | 47.7 | 270.0          | 0.0   | -47.6       | 30.7 | 32.3       | 86.1  | 0.206       | 0.206 | 0.347      | 0.365 | 0.972             | 0.31   | 0.657  | 0.988  | 0.443  | 0.651                                                                               | 0.976  |    |                                                                                       |
| 15 | 4   | NLS00  | 0.5        | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.333 | 0.0   | 0.0   | 47.7          | 95.4 | 120.0          | -47.6 | 82.6        | 8.9  | 16.6       | 0.0   | 0.349       | 0.349 | 0.1        | 0.187 | 0.0               | 0.214  | 0.541  | -0.424 | 0.35   | 0.536                                                                               | -0.172 |    |                                                                                       |
| 16 | 4   | NLS00  | 0.5        | 1.0     | 0.5     | 0.347 | 0.75  | 0.5   | 0.417 | 0.0   | 0.5   | 63.6          | 47.7 | 150.0          | -41.2 | 23.9        | 20.9 | 32.3       | 19.9  | 0.286       | 0.286 | 0.236      | 0.365 | 0.224             | 0.336  | 0.712  | 0.456  | 0.479  | 0.706                                                                               | 0.467  |    |                                                                                       |
| 17 | 4   | NLS00  | 0.5        | 1.0     | 1.0     | 0.514 | 0.75  | 0.5   | 0.583 | 0.0   | 0.5   | 79.5          | 47.7 | 210.0          | -41.2 | -23.8       | 38.6 | 55.8       | 91.2  | 0.208       | 0.208 | 0.436      | 0.63  | 1.029             | -0.887 | 0.907  | 0.993  | 0.458  | 0.905                                                                               | 0.989  |    |                                                                                       |
| 18 | 4   | NLS00  | 1.0        | 0.0     | 0.0     | 0.014 | 0.5   | 1.0   | 0.083 | 0.0   | 0.0   | 31.8          | 95.4 | 30.0           | 82.6  | 47.7        | 18.3 | 7.0        | 0.5   | 0.709       | 0.709 | 0.207      | 0.079 | 0.006             | 0.764  | -0.665 | 0.017  | 0.64   | -0.259                                                                              | -0.039 |    |                                                                                       |
| 19 | 4   | NLS00  | 1.0        | 0.0     | 0.5     | 0.0   | 0.5   | 1.0   | 0.0   | 0.0   | 0.0   | 47.7          | 95.4 | 0.0            | 95.4  | 0.0         | 38.5 | 16.6       | 18.0  | 0.527       | 0.527 | 0.435      | 0.187 | 0.204             | 1.009  | -0.799 | 0.486  | 0.857  | -0.282                                                                              | 0.47   |    |                                                                                       |
| 20 | 4   | NLS00  | 1.0        | 0.0     | 1.0     | 0.847 | 0.5   | 1.0   | 0.917 | 0.0   | 0.0   | 63.6          | 95.4 | 330.0          | 82.6  | -47.6       | 58.7 | 32.3       | 86.1  | 0.331       | 0.331 | 0.662      | 0.365 | 0.972             | 1.043  | 0.319  | 0.996  | 0.909  | 0.322                                                                               | 0.978  |    |                                                                                       |
| 21 | 4   | NLS00  | 1.0        | 0.5     | 0.0     | 0.097 | 0.5   | 1.0   | 0.167 | 0.0   | 0.0   | 47.7          | 95.4 | 60.0           | 47.7  | 82.6        | 25.5 | 16.6       | 0.0   | 0.606       | 0.606 | 0.287      | 0.187 | 0.0               | 0.823  | 0.298  | -0.289 | 0.717  | 0.303                                                                               | -0.162 |    |                                                                                       |
| 22 | 4   | NLS00  | 1.0        | 0.5     | 0.5     | 0.014 | 0.75  | 0.5   | 0.083 | 0.0   | 0.5   | 63.6          | 47.7 | 30.0           | 41.3  | 23.8        | 43.2 | 32.3       | 19.9  | 0.453       | 0.453 | 0.488      | 0.365 | 0.224             | 0.958  | 0.508  | 0.473  | 0.857  | 0.503                                                                               | 0.471  |    |                                                                                       |
| 23 | 4   | NLS00  | 1.0        | 0.5     | 1.0     | 0.847 | 0.75  | 0.5   | 0.917 | 0.0   | 0.5   | 79.5          | 47.7 | 330.0          | 41.3  | -23.7       | 70.7 | 55.8       | 91.2  | 0.325       | 0.325 | 0.798      | 0.63  | 1.029             | 1.044  | 0.703  | 1.002  | 0.962  | 0.697                                                                               | 0.991  |   |                                                                                       |
| 24 | 4   | NLS00  | 1.0        | 1.0     | 0.0     | 0.181 | 0.5   | 1.0   | 0.25  | 0.0   | 0.0   | 63.6          | 95.4 | 90.0           | 0.0   | 95.4        | 30.7 | 32.3       | 1.0   | 0.48        | 0.48  | 0.347      | 0.365 | 0.011             | 0.772  | 0.625  | -0.557 | 0.728  | 0.619                                                                               | -0.193 |  |                                                                                       |
| 25 | 4   | NLS00  | 1.0        | 1.0     | 0.5     | 0.181 | 0.75  | 0.5   | 0.25  | 0.0   | 0.5   | 79.5          | 47.7 | 90.0           | 0.0   | 47.7        | 53.1 | 55.8       | 21.8  | 0.406       | 0.406 | 0.599      | 0.63  | 0.246             | 0.931  | 0.805  | 0.443  | 0.894  | 0.8                                                                                 | 0.462  |  |                                                                                       |
| 26 | 4   | NLS00  | 1.0        | 1.0     | 1.0     | 0.0   | 1.0   | 0.0   | 0.0   | 0.0   | 1.0   | 95.4          | 0.0  | 0.0            | 0.0   | 0.0         | 84.2 | 88.6       | 96.5  | 0.313       | 0.313 | 0.95       | 1.0   | 1.089             | 1.0    | 1.0    | 1.0    | 1.0    | 1.0                                                                                 | 1.0    | 1.0                                                                                   |  |



**%Gamut**  
 $u^*_{rel} = 100$   
**%Regularity**  
 $g^*_{H,rel} = 78$   
 $g^*_{C,rel} = 100$

| NRS18     |             |         |         |              |              |
|-----------|-------------|---------|---------|--------------|--------------|
|           | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $O_M$     | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| $Y_M$     | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| $L_M$     | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| $C_M$     | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| $V_M$     | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| $M_M$     | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| $N_M$     | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| $W_M$     | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

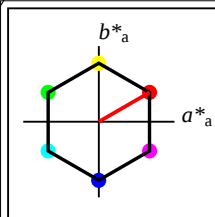


**%Gamut**  
 $u^*_{rel} = 100$   
**%Regularity**  
 $g^*_{H,rel} = 78$   
 $g^*_{C,rel} = 100$

| NRS18a; adapted CIELAB data |             |         |         |              |              |
|-----------------------------|-------------|---------|---------|--------------|--------------|
|                             | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $O_{Ma}$                    | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| $Y_{Ma}$                    | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| $L_{Ma}$                    | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| $C_{Ma}$                    | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| $V_{Ma}$                    | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| $M_{Ma}$                    | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| $N_{Ma}$                    | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$                    | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$                   | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$                   | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| $G_{CIE}$                   | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| $B_{CIE}$                   | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

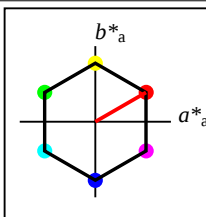
Data of 3x3x3=27 colors in colorimetric system NRS18; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

| n  | no. | System | $\rho^*_3$ | $l^*_3$ | $v^*_3$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$   | $a^*b^*_{CIE}$   | $XYZ_{CIE}$      | $xy_{CIE}$        | $XYZ_{RGB}$        | $RGB'_{sRGB}$      | $RGB'_{AdobeRGB}$ |                                                                                       |
|----|-----|--------|------------|---------|---------|-------|-------|-------|-------|-------|-------|-----------------|------------------|------------------|-------------------|--------------------|--------------------|-------------------|---------------------------------------------------------------------------------------|
| 0  | 5   | NRS18  | 0.0        | 0.0     | 0.0     | 0.0   | 0.0   | 0.0   | 0.0   | 1.0   | 0.0   | 18.0 0.0 0.0    | 0.0 0.0 0.0      | 2.4 2.5 2.7      | 0.313 0.313 0.027 | 0.028 0.031 0.184  | 0.184 0.184 0.184  | 0.198 0.198 0.198 |    |
| 1  | 5   | NRS18  | 0.0        | 0.0     | 0.5     | 0.686 | 0.25  | 0.5   | 0.755 | 0.5   | 0.0   | 28.4 38.7 271.7 | 1.2 -38.6 5.4    | 5.6 20.8 0.17    | 0.17 0.061 0.063  | 0.235 -0.206 0.291 | 0.526 0.113 0.296  | 0.514             |    |
| 2  | 5   | NRS18  | 0.0        | 0.0     | 1.0     | 0.686 | 0.5   | 1.0   | 0.755 | 0.0   | 0.0   | 56.7 77.4 271.7 | 2.4 -77.2 23.9   | 24.6 113.4 0.148 | 0.148 0.27 0.278  | 1.28 -2.452 0.595  | 1.126 -0.247 0.589 | 1.115             |    |
| 3  | 5   | NRS18  | 0.0        | 0.5     | 0.0     | 0.381 | 0.25  | 0.5   | 0.451 | 0.5   | 0.0   | 28.4 38.7 162.2 | -36.7 11.8 2.8   | 5.6 3.7 0.232    | 0.232 0.032 0.063 | 0.042 -0.199 0.331 | 0.199 0.146 0.334  | 0.218             |    |
| 4  | 5   | NRS18  | 0.0        | 0.5     | 0.5     | 0.533 | 0.25  | 0.5   | 0.603 | 0.5   | 0.0   | 28.4 38.7 217.0 | -30.8 -23.2 3.1  | 5.6 13.5 0.141   | 0.141 0.035 0.063 | 0.152 -0.755 0.333 | 0.424 -0.152 0.335 | 0.419             |    |
| 5  | 5   | NRS18  | 0.0        | 0.5     | 1.0     | 0.608 | 0.5   | 1.0   | 0.679 | 0.0   | 0.0   | 56.7 77.4 244.4 | -33.4 -69.7 16.7 | 24.6 101.1 0.117 | 0.117 0.188 0.278 | 1.141 -4.991 0.655 | 1.067 -0.441 0.649 | 1.056             |    |
| 6  | 5   | NRS18  | 0.0        | 1.0     | 0.0     | 0.381 | 0.5   | 1.0   | 0.451 | 0.0   | 0.0   | 56.7 77.4 162.2 | -73.6 23.6 10.5  | 24.6 14.3 0.212  | 0.212 0.118 0.278 | 0.162 -1.612 0.675 | 0.382 0.198 0.669  | 0.399             |    |
| 7  | 5   | NRS18  | 0.0        | 1.0     | 0.5     | 0.458 | 0.5   | 1.0   | 0.527 | 0.0   | 0.0   | 56.7 77.4 189.6 | -76.2 -12.8 10.1 | 24.6 36.0 0.143  | 0.143 0.114 0.278 | 0.406 -3.346 0.685 | 0.649 -0.285 0.679 | 0.645             |    |
| 8  | 5   | NRS18  | 0.0        | 1.0     | 1.0     | 0.533 | 0.5   | 1.0   | 0.603 | 0.0   | 0.0   | 56.7 77.4 217.0 | -61.7 -46.5 12.1 | 24.6 69.2 0.114  | 0.114 0.137 0.278 | 0.781 -4.826 0.681 | 0.894 -0.417 0.675 | 0.883             |    |
| 9  | 5   | NRS18  | 0.5        | 0.0     | 0.0     | 1.0   | 0.25  | 0.5   | 0.071 | 0.5   | 0.0   | 28.4 38.7 25.5  | 34.9 16.6 8.8    | 5.6 2.9 0.508    | 0.508 0.099 0.063 | 0.033 0.494 0.167  | 0.181 0.429 0.182  | 0.194             |    |
| 10 | 5   | NRS18  | 0.5        | 0.0     | 0.5     | 0.844 | 0.25  | 0.5   | 0.913 | 0.5   | 0.0   | 28.4 38.7 328.6 | 33.0 -20.1 8.6   | 5.6 12.3 0.324   | 0.324 0.097 0.063 | 0.139 0.42 0.191   | 0.409 0.373 0.204  | 0.402             |    |
| 11 | 5   | NRS18  | 0.5        | 0.0     | 1.0     | 0.764 | 0.5   | 1.0   | 0.834 | 0.0   | 0.0   | 56.7 77.4 300.2 | 38.9 -66.8 33.3  | 24.6 96.7 0.215  | 0.215 0.375 0.278 | 1.092 0.532 0.488  | 1.05 0.515 0.484   | 1.036             |    |
| 12 | 5   | NRS18  | 0.5        | 0.5     | 0.0     | 0.186 | 0.25  | 0.5   | 0.256 | 0.5   | 0.0   | 28.4 38.7 92.3  | -1.5 38.7 5.2    | 5.6 0.7 0.451    | 0.451 0.059 0.063 | 0.008 0.329 0.276  | -0.013 0.319 0.282 | 0.052             |    |
| 13 | 5   | NRS18  | 0.5        | 0.5     | 0.5     | 0.0   | 0.5   | 0.0   | 0.0   | 0.5   | 0.5   | 56.7 0.0 0.0    | 0.0 0.0 0.0      | 23.4 24.6 26.8   | 0.313 0.313 0.264 | 0.278 0.303 0.564  | 0.564 0.559 0.559  | 0.559             |    |
| 14 | 5   | NRS18  | 0.5        | 0.5     | 1.0     | 0.686 | 0.75  | 0.5   | 0.755 | 0.0   | 0.5   | 76.1 38.7 271.7 | 1.2 -38.6 47.9   | 50.0 104.7 0.237 | 0.237 0.541 0.564 | 1.182 0.581 0.788  | 1.069 0.643 0.782  | 1.061             |    |
| 15 | 5   | NRS18  | 0.5        | 1.0     | 0.0     | 0.283 | 0.5   | 1.0   | 0.354 | 0.0   | 0.0   | 56.7 77.4 127.3 | -46.8 61.6 14.4  | 24.6 3.5 0.338   | 0.338 0.163 0.278 | 0.04 0.312 0.639   | -0.071 0.436 0.633 | 0.122             |    |
| 16 | 5   | NRS18  | 0.5        | 1.0     | 0.5     | 0.381 | 0.75  | 0.5   | 0.451 | 0.0   | 0.5   | 76.1 38.7 162.2 | -36.7 11.8 35.5  | 50.0 43.2 0.276  | 0.276 0.4 0.564   | 0.487 0.47 0.849   | 0.682 0.605 0.845  | 0.684             |    |
| 17 | 5   | NRS18  | 0.5        | 1.0     | 1.0     | 0.533 | 0.75  | 0.5   | 0.603 | 0.0   | 0.5   | 76.1 38.7 217.0 | -30.8 -23.2 37.3 | 50.0 82.1 0.22   | 0.22 0.42 0.564   | 0.926 0.201 0.849  | 0.949 0.503 0.844  | 0.943             |    |
| 18 | 5   | NRS18  | 1.0        | 0.0     | 0.0     | 1.0   | 0.5   | 1.0   | 0.071 | 0.0   | 0.0   | 56.7 77.4 25.5  | 69.9 33.3 42.8   | 24.6 10.6 0.548  | 0.548 0.483 0.278 | 0.12 1.034 0.268   | 0.344 0.897 0.274  | 0.343             |    |
| 19 | 5   | NRS18  | 1.0        | 0.0     | 0.5     | 0.922 | 0.5   | 1.0   | 0.992 | 0.0   | 0.0   | 56.7 77.4 357.0 | 77.3 -3.9 45.3   | 24.6 29.5 0.456  | 0.456 0.512 0.278 | 0.333 1.028 0.219  | 0.604 0.89 0.229   | 0.588             |   |
| 20 | 5   | NRS18  | 1.0        | 0.0     | 1.0     | 0.844 | 0.5   | 1.0   | 0.913 | 0.0   | 0.0   | 56.7 77.4 328.6 | 66.1 -40.2 41.6  | 24.6 61.9 0.324  | 0.324 0.469 0.278 | 0.699 0.878 0.343  | 0.859 0.768 0.344  | 0.841             |  |
| 21 | 5   | NRS18  | 1.0        | 0.5     | 0.0     | 0.094 | 0.5   | 1.0   | 0.164 | 0.0   | 0.0   | 56.7 77.4 58.9  | 40.0 66.3 33.6   | 24.6 2.8 0.55    | 0.55 0.379 0.278  | 0.032 0.898 0.431  | -0.026 0.796 0.429 | 0.085             |  |
| 22 | 5   | NRS18  | 1.0        | 0.5     | 0.5     | 1.0   | 0.75  | 0.5   | 0.071 | 0.0   | 0.5   | 76.1 38.7 25.5  | 34.9 16.6 61.2   | 50.0 39.0 0.407  | 0.407 0.691 0.564 | 0.441 1.064 0.671  | 0.657 0.972 0.665  | 0.652             |  |
| 23 | 5   | NRS18  | 1.0        | 0.5     | 1.0     | 0.844 | 0.75  | 0.5   | 0.913 | 0.0   | 0.5   | 76.1 38.7 328.6 | 33.0 -20.1 60.4  | 50.0 77.9 0.321  | 0.321 0.682 0.564 | 0.879 0.956 0.69   | 0.932 0.888 0.684  | 0.921             |  |
| 24 | 5   | NRS18  | 1.0        | 1.0     | 0.0     | 0.186 | 0.5   | 1.0   | 0.256 | 0.0   | 0.0   | 56.7 77.4 92.3  | -3.0 77.3 22.7   | 24.6 1.5 0.465   | 0.465 0.256 0.278 | 0.017 0.662 0.56   | -0.315 0.629 0.555 | -0.134            |  |
| 25 | 5   | NRS18  | 1.0        | 1.0     | 0.5     | 0.186 | 0.75  | 0.5   | 0.256 | 0.0   | 0.5   | 76.1 38.7 92.3  | -1.5 38.7 47.0   | 50.0 23.6 0.39   | 0.39 0.53 0.564   | 0.266 0.864 0.771  | 0.479 0.834 0.766  | 0.492             |  |
| 26 | 5   | NRS18  | 1.0        | 1.0     | 1.0     | 0.0   | 1.0   | 0.0   | 0.0   | 0.0   | 1.0   | 95.4 0.0 0.0    | 0.0 0.0 0.0      | 84.2 88.6 96.5   | 0.313 0.313 0.95  | 1.0 1.089 1.0      | 1.0 1.0 1.0        | 1.0               |  |



**%Gamut**  
 $u^*_{rel} = 100$   
**%Regularity**  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

| SRS18     |             |         |         |              |              |
|-----------|-------------|---------|---------|--------------|--------------|
|           | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $O_M$     | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| $Y_M$     | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| $L_M$     | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| $C_M$     | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| $V_M$     | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| $M_M$     | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| $N_M$     | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| $W_M$     | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

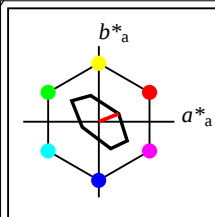


**%Gamut**  
 $u^*_{rel} = 100$   
**%Regularity**  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

| SRS18a; adapted CIELAB data |             |         |         |              |              |
|-----------------------------|-------------|---------|---------|--------------|--------------|
|                             | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $O_{Ma}$                    | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| $Y_{Ma}$                    | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| $L_{Ma}$                    | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| $C_{Ma}$                    | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| $V_{Ma}$                    | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| $M_{Ma}$                    | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| $N_{Ma}$                    | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$                    | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$                   | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$                   | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| $G_{CIE}$                   | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| $B_{CIE}$                   | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

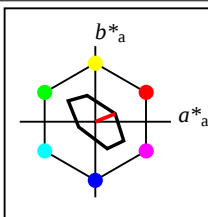
Data of 3x3x3=27 colors in colorimetric system SRS18; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

| n  | no. | System | $\rho^*_3$ | $l^*_3$ | $v^*_3$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ |      | $a^*b^*_{CIE}$ |       | $XYZ_{CIE}$ |      | $xy_{CIE}$ |       | $XYZ_{RGB}$ |       | $RGB'_{sRGB}$ |       | $RGB'_{AdobeRGB}$ |        |       |        |        |       |                                                                                     |                                                                                     |
|----|-----|--------|------------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|------|----------------|-------|-------------|------|------------|-------|-------------|-------|---------------|-------|-------------------|--------|-------|--------|--------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 0  | 6   | SRS18  | 0.0        | 0.0     | 0.0     | 0.0   | 0.0   | 0.0   | 0.0   | 1.0   | 0.0   | 18.0          | 0.0  | 0.0            | 0.0   | 2.4         | 2.5  | 2.7        | 0.313 | 0.313       | 0.027 | 0.028         | 0.031 | 0.184             | 0.184  | 0.184 | 0.198  | 0.198  | 0.198 |  |                                                                                     |
| 1  | 6   | SRS18  | 0.0        | 0.0     | 0.5     | 0.681 | 0.25  | 0.5   | 0.75  | 0.5   | 0.0   | 28.4          | 38.7 | 270.0          | 0.0   | -38.6       | 5.3  | 5.6        | 20.8  | 0.168       | 0.168 | 0.06          | 0.063 | 0.235             | -0.253 | 0.293 | 0.526  | 0.097  | 0.298 | 0.514                                                                               |  |
| 2  | 6   | SRS18  | 0.0        | 0.0     | 1.0     | 0.681 | 0.5   | 1.0   | 0.75  | 0.0   | 0.0   | 56.7          | 77.4 | 270.0          | 0.0   | -77.3       | 23.4 | 24.6       | 113.5 | 0.145       | 0.145 | 0.264         | 0.278 | 1.281             | -2.708 | 0.6   | 1.126  | -0.275 | 0.594 | 1.115                                                                               |  |
| 3  | 6   | SRS18  | 0.0        | 0.5     | 0.0     | 0.347 | 0.25  | 0.5   | 0.417 | 0.5   | 0.0   | 28.4          | 38.7 | 150.0          | -33.4 | 19.4        | 3.0  | 5.6        | 2.5   | 0.268       | 0.268 | 0.034         | 0.063 | 0.029             | -0.028 | 0.326 | 0.149  | 0.18   | 0.329 | 0.177                                                                               |  |
| 4  | 6   | SRS18  | 0.0        | 0.5     | 0.5     | 0.514 | 0.25  | 0.5   | 0.583 | 0.5   | 0.0   | 28.4          | 38.7 | 210.0          | -33.4 | -19.3       | 3.0  | 5.6        | 12.0  | 0.145       | 0.145 | 0.034         | 0.063 | 0.135             | -0.715 | 0.334 | 0.399  | -0.141 | 0.337 | 0.396                                                                               |  |
| 5  | 6   | SRS18  | 0.0        | 0.5     | 1.0     | 0.597 | 0.5   | 1.0   | 0.667 | 0.0   | 0.0   | 56.7          | 77.4 | 240.0          | -38.6 | -66.9       | 15.8 | 24.6       | 96.9  | 0.115       | 0.115 | 0.178         | 0.278 | 1.094             | -5.119 | 0.661 | 1.047  | -0.447 | 0.655 | 1.036                                                                               |  |
| 6  | 6   | SRS18  | 0.0        | 1.0     | 0.0     | 0.347 | 0.5   | 1.0   | 0.417 | 0.0   | 0.0   | 56.7          | 77.4 | 150.0          | -66.9 | 38.7        | 11.4 | 24.6       | 8.9   | 0.254       | 0.254 | 0.128         | 0.278 | 0.1               | -0.79  | 0.666 | 0.263  | 0.299  | 0.66  | 0.299                                                                               |  |
| 7  | 6   | SRS18  | 0.0        | 1.0     | 0.5     | 0.431 | 0.5   | 1.0   | 0.5   | 0.0   | 0.0   | 56.7          | 77.4 | 180.0          | -77.3 | 0.0         | 10.0 | 24.6       | 26.8  | 0.163       | 0.163 | 0.113         | 0.278 | 0.303             | -2.746 | 0.683 | 0.556  | -0.205 | 0.677 | 0.557                                                                               |  |
| 8  | 6   | SRS18  | 0.0        | 1.0     | 1.0     | 0.514 | 0.5   | 1.0   | 0.583 | 0.0   | 0.0   | 56.7          | 77.4 | 210.0          | -66.9 | -38.6       | 11.4 | 24.6       | 60.1  | 0.118       | 0.118 | 0.128         | 0.278 | 0.678             | -4.516 | 0.684 | 0.837  | -0.393 | 0.678 | 0.826                                                                               |  |
| 9  | 6   | SRS18  | 0.5        | 0.0     | 0.0     | 0.014 | 0.25  | 0.5   | 0.083 | 0.5   | 0.0   | 28.4          | 38.7 | 30.0           | 33.5  | 19.3        | 8.6  | 5.6        | 2.5   | 0.515       | 0.515 | 0.097         | 0.063 | 0.029             | 0.489  | 0.173 | 0.163  | 0.426  | 0.188 | 0.18                                                                                |  |
| 10 | 6   | SRS18  | 0.5        | 0.0     | 0.5     | 0.847 | 0.25  | 0.5   | 0.917 | 0.5   | 0.0   | 28.4          | 38.7 | 330.0          | 33.5  | -19.2       | 8.6  | 5.6        | 12.0  | 0.329       | 0.329 | 0.097         | 0.063 | 0.135             | 0.425  | 0.189 | 0.404  | 0.376  | 0.202 | 0.397                                                                               |  |
| 11 | 6   | SRS18  | 0.5        | 0.0     | 1.0     | 0.764 | 0.5   | 1.0   | 0.833 | 0.0   | 0.0   | 56.7          | 77.4 | 300.0          | 38.7  | -66.9       | 33.2 | 24.6       | 96.9  | 0.214       | 0.214 | 0.375         | 0.278 | 1.094             | 0.528  | 0.489 | 1.051  | 0.513  | 0.485 | 1.037                                                                               |  |
| 12 | 6   | SRS18  | 0.5        | 0.5     | 0.0     | 0.181 | 0.25  | 0.5   | 0.25  | 0.5   | 0.0   | 28.4          | 38.7 | 90.0           | 0.0   | 38.7        | 5.3  | 5.6        | 0.7   | 0.457       | 0.457 | 0.06          | 0.063 | 0.008             | 0.338  | 0.273 | -0.012 | 0.324  | 0.279 | 0.052                                                                               |  |
| 13 | 6   | SRS18  | 0.5        | 0.5     | 0.5     | 0.0   | 0.5   | 0.0   | 0.0   | 0.5   | 0.5   | 56.7          | 0.0  | 0.0            | 0.0   | 0.0         | 23.4 | 24.6       | 26.8  | 0.313       | 0.313 | 0.264         | 0.278 | 0.303             | 0.564  | 0.564 | 0.564  | 0.559  | 0.559 | 0.559                                                                               |  |
| 14 | 6   | SRS18  | 0.5        | 0.5     | 1.0     | 0.681 | 0.75  | 0.5   | 0.75  | 0.0   | 0.5   | 76.1          | 38.7 | 270.0          | 0.0   | -38.6       | 47.5 | 50.0       | 104.7 | 0.235       | 0.235 | 0.536         | 0.564 | 1.182             | 0.567  | 0.791 | 1.069  | 0.635  | 0.785 | 1.062                                                                               |  |
| 15 | 6   | SRS18  | 0.5        | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.333 | 0.0   | 0.0   | 56.7          | 77.4 | 120.0          | -38.6 | 67.0        | 15.8 | 24.6       | 2.7   | 0.366       | 0.366 | 0.178         | 0.278 | 0.03              | 0.402  | 0.626 | -0.187 | 0.476  | 0.621 | 0.03                                                                                |  |
| 16 | 6   | SRS18  | 0.5        | 1.0     | 0.5     | 0.347 | 0.75  | 0.5   | 0.417 | 0.0   | 0.5   | 76.1          | 38.7 | 150.0          | -33.4 | 19.4        | 36.5 | 50.0       | 36.9  | 0.296       | 0.296 | 0.412         | 0.564 | 0.416             | 0.546  | 0.842 | 0.624  | 0.643  | 0.837 | 0.629                                                                               |  |
| 17 | 6   | SRS18  | 0.5        | 1.0     | 1.0     | 0.514 | 0.75  | 0.5   | 0.583 | 0.0   | 0.5   | 76.1          | 38.7 | 210.0          | -33.4 | -19.3       | 36.5 | 50.0       | 76.9  | 0.223       | 0.223 | 0.412         | 0.564 | 0.868             | 0.202  | 0.852 | 0.919  | 0.505  | 0.848 | 0.913                                                                               |  |
| 18 | 6   | SRS18  | 1.0        | 0.0     | 0.0     | 0.014 | 0.5   | 1.0   | 0.083 | 0.0   | 0.0   | 56.7          | 77.4 | 30.0           | 67.0  | 38.7        | 41.9 | 24.6       | 8.9   | 0.556       | 0.556 | 0.473         | 0.278 | 0.1               | 1.023  | 0.289 | 0.304  | 0.89   | 0.294 | 0.308                                                                               |  |
| 19 | 6   | SRS18  | 1.0        | 0.0     | 0.5     | 0.0   | 0.5   | 1.0   | 0.0   | 0.0   | 0.0   | 56.7          | 77.4 | 0.0            | 77.4  | 0.0         | 45.4 | 24.6       | 26.8  | 0.469       | 0.469 | 0.512         | 0.278 | 0.303             | 1.035  | 0.214 | 0.576  | 0.895  | 0.225 | 0.562                                                                               |  |
| 20 | 6   | SRS18  | 1.0        | 0.0     | 1.0     | 0.847 | 0.5   | 1.0   | 0.917 | 0.0   | 0.0   | 56.7          | 77.4 | 330.0          | 67.0  | -38.6       | 41.9 | 24.6       | 60.1  | 0.331       | 0.331 | 0.473         | 0.278 | 0.678             | 0.889  | 0.335 | 0.847  | 0.777  | 0.337 | 0.829                                                                               |  |
| 21 | 6   | SRS18  | 1.0        | 0.5     | 0.0     | 0.097 | 0.5   | 1.0   | 0.167 | 0.0   | 0.0   | 56.7          | 77.4 | 60.0           | 38.7  | 67.0        | 33.2 | 24.6       | 2.7   | 0.548       | 0.548 | 0.375         | 0.278 | 0.03              | 0.892  | 0.436 | -0.046 | 0.791  | 0.434 | 0.072                                                                               |  |
| 22 | 6   | SRS18  | 1.0        | 0.5     | 0.5     | 0.014 | 0.75  | 0.5   | 0.083 | 0.0   | 0.5   | 76.1          | 38.7 | 30.0           | 33.5  | 19.3        | 60.6 | 50.0       | 36.9  | 0.411       | 0.411 | 0.684         | 0.564 | 0.416             | 1.06   | 0.675 | 0.636  | 0.969  | 0.669 | 0.632                                                                               |  |
| 23 | 6   | SRS18  | 1.0        | 0.5     | 1.0     | 0.847 | 0.75  | 0.5   | 0.917 | 0.0   | 0.5   | 76.1          | 38.7 | 330.0          | 33.5  | -19.2       | 60.6 | 50.0       | 76.9  | 0.323       | 0.323 | 0.684         | 0.564 | 0.868             | 0.962  | 0.689 | 0.926  | 0.892  | 0.682 | 0.915                                                                               |  |
| 24 | 6   | SRS18  | 1.0        | 1.0     | 0.0     | 0.181 | 0.5   | 1.0   | 0.25  | 0.0   | 0.0   | 56.7          | 77.4 | 90.0           | 0.0   | 77.4        | 23.4 | 24.6       | 1.5   | 0.473       | 0.473 | 0.264         | 0.278 | 0.017             | 0.68   | 0.553 | -0.31  | 0.641  | 0.548 | -0.134                                                                              |  |
| 25 | 6   | SRS18  | 1.0        | 1.0     | 0.5     | 0.181 | 0.75  | 0.5   | 0.25  | 0.0   | 0.5   | 76.1          | 38.7 | 90.0           | 0.0   | 38.7        | 47.5 | 50.0       | 23.5  | 0.393       | 0.393 | 0.536         | 0.564 | 0.266             | 0.875  | 0.767 | 0.48   | 0.842  | 0.762 | 0.492                                                                               |  |
| 26 | 6   | SRS18  | 1.0        | 1.0     | 1.0     | 0.0   | 1.0   | 0.0   | 0.0   | 0.0   | 1.0   | 95.4          | 0.0  | 0.0            | 0.0   | 0.0         | 84.2 | 88.6       | 96.5  | 0.313       | 0.313 | 0.95          | 1.0   | 1.089             | 1.0    | 1.0   | 1.0    | 1.0    | 1.0   | 1.0                                                                                 |  |



**%Gamut**  
 $u^*_{rel} = 16$   
**%Regularity**  
 $g^*_{H,rel} = 34$   
 $g^*_{C,rel} = 51$

| TLS70     |             |         |         |              |              |
|-----------|-------------|---------|---------|--------------|--------------|
|           | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $O_M$     | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| $Y_M$     | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| $L_M$     | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| $C_M$     | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| $V_M$     | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| $M_M$     | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| $N_M$     | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| $W_M$     | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.46  | 46.49        | 272          |



**%Gamut**  
 $u^*_{rel} = 16$   
**%Regularity**  
 $g^*_{H,rel} = 34$   
 $g^*_{C,rel} = 51$

| TLS70a; adapted CIELAB data |             |         |         |              |              |
|-----------------------------|-------------|---------|---------|--------------|--------------|
|                             | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| $O_{Ma}$                    | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| $Y_{Ma}$                    | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| $L_{Ma}$                    | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| $C_{Ma}$                    | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| $V_{Ma}$                    | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| $M_{Ma}$                    | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| $N_{Ma}$                    | 69.7        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$                    | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$                   | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$                   | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| $G_{CIE}$                   | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| $B_{CIE}$                   | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

input:  $olv^*$  setrgbcolor  
output:  $olv^*$  (TRI9) setrgbcolor

Data of 3x3x3=27 colors in colorimetric system TLS70; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

| n  | no. | System | $\rho^*_3$ | $l^*_3$ | $v^*_3$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ |      | $a^*b^*_{CIE}$ |       | $XYZ_{CIE}$ |      | $xy_{CIE}$ |       | $XYZ_{RGB}$ |       | $RGB'_{sRGB}$ |       |       | $RGB'_{AdobeRGB}$ |       |       |       |       |                                                                                     |                                                                                       |
|----|-----|--------|------------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|------|----------------|-------|-------------|------|------------|-------|-------------|-------|---------------|-------|-------|-------------------|-------|-------|-------|-------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 0  | 7   | TLS70  | 0.0        | 0.0     | 0.0     | 0.0   | 0.0   | 0.0   | 0.0   | 1.0   | 0.0   | 69.7          | 0.0  | 0.0            | 0.0   | 38.3        | 40.3 | 43.9       | 0.313 | 0.313       | 0.433 | 0.455         | 0.496 | 0.705 | 0.705             | 0.705 | 0.699 | 0.699 | 0.699 |  |                                                                                       |
| 1  | 7   | TLS70  | 0.0        | 0.0     | 0.5     | 0.747 | 0.25  | 0.5   | 0.816 | 0.5   | 0.0   | 36.1          | 19.5 | 293.9          | 7.9   | -17.7       | 9.5  | 9.0        | 16.9  | 0.268       | 0.268 | 0.107         | 0.102 | 0.191 | 0.343             | 0.341 | 0.47  | 0.344 | 0.343 | 0.463                                                                               |    |
| 2  | 7   | TLS70  | 0.0        | 0.0     | 1.0     | 0.747 | 0.5   | 1.0   | 0.816 | 0.0   | 0.0   | 72.1          | 39.0 | 293.9          | 15.8  | -35.5       | 47.0 | 43.8       | 89.8  | 0.26        | 0.26  | 0.531         | 0.494 | 1.013 | 0.705             | 0.705 | 1.0   | 0.699 | 0.699 | 0.99                                                                                |    |
| 3  | 7   | TLS70  | 0.0        | 0.5     | 0.0     | 0.325 | 0.25  | 0.5   | 0.395 | 0.5   | 0.0   | 44.7          | 22.6 | 142.3          | -17.8 | 13.8        | 11.0 | 14.3       | 10.2  | 0.31        | 0.31  | 0.124         | 0.161 | 0.115 | 0.343             | 0.47  | 0.341 | 0.385 | 0.467 | 0.35                                                                                |    |
| 4  | 7   | TLS70  | 0.0        | 0.5     | 0.5     | 0.481 | 0.25  | 0.5   | 0.55  | 0.5   | 0.0   | 45.5          | 11.5 | 197.9          | -10.9 | -3.4        | 12.5 | 14.9       | 17.9  | 0.275       | 0.275 | 0.141         | 0.168 | 0.202 | 0.344             | 0.47  | 0.469 | 0.385 | 0.467 | 0.466                                                                               |    |
| 5  | 7   | TLS70  | 0.0        | 0.5     | 1.0     | 0.614 | 0.5   | 1.0   | 0.683 | 0.0   | 0.0   | 81.5          | 31.0 | 245.9          | -12.6 | -28.2       | 51.5 | 59.4       | 103.2 | 0.241       | 0.241 | 0.581         | 0.671 | 1.165 | 0.559             | 0.877 | 1.054 | 0.664 | 0.874 | 1.049                                                                               |    |
| 6  | 7   | TLS70  | 0.0        | 1.0     | 0.0     | 0.325 | 0.5   | 1.0   | 0.395 | 0.0   | 0.0   | 89.3          | 45.2 | 142.3          | -35.7 | 27.6        | 55.6 | 74.8       | 49.7  | 0.309       | 0.309 | 0.628         | 0.845 | 0.561 | 0.705             | 1.0   | 0.705 | 0.799 | 1.0   | 0.715                                                                               |    |
| 7  | 7   | TLS70  | 0.0        | 1.0     | 0.5     | 0.403 | 0.5   | 1.0   | 0.473 | 0.0   | 0.0   | 90.1          | 34.2 | 170.1          | -33.5 | 5.9         | 57.9 | 76.6       | 75.6  | 0.276       | 0.276 | 0.653         | 0.864 | 0.853 | 0.636             | 1.01  | 0.887 | 0.763 | 1.011 | 0.889                                                                               |    |
| 8  | 7   | TLS70  | 0.0        | 1.0     | 1.0     | 0.481 | 0.5   | 1.0   | 0.55  | 0.0   | 0.0   | 90.9          | 23.1 | 197.9          | -21.9 | -7.0        | 64.3 | 78.3       | 95.5  | 0.27        | 0.27  | 0.726         | 0.884 | 1.078 | 0.705             | 1.0   | 1.0   | 0.799 | 1.0   | 1.0                                                                                 |    |
| 9  | 7   | TLS70  | 0.5        | 0.0     | 0.0     | 0.992 | 0.25  | 0.5   | 0.061 | 0.5   | 0.0   | 38.2          | 14.2 | 21.9           | 13.1  | 5.3         | 11.4 | 10.2       | 9.3   | 0.369       | 0.369 | 0.129         | 0.115 | 0.105 | 0.471             | 0.342 | 0.341 | 0.437 | 0.344 | 0.343                                                                               |    |
| 10 | 7   | TLS70  | 0.5        | 0.0     | 0.5     | 0.836 | 0.25  | 0.5   | 0.906 | 0.5   | 0.0   | 39.3          | 22.6 | 326.1          | 18.8  | -12.5       | 12.9 | 10.8       | 17.1  | 0.316       | 0.316 | 0.146         | 0.122 | 0.193 | 0.471             | 0.342 | 0.47  | 0.437 | 0.344 | 0.462                                                                               |    |
| 11 | 7   | TLS70  | 0.5        | 0.0     | 1.0     | 0.792 | 0.5   | 1.0   | 0.861 | 0.0   | 0.0   | 75.3          | 42.1 | 310.0          | 27.0  | -32.2       | 56.6 | 48.8       | 92.9  | 0.285       | 0.285 | 0.638         | 0.55  | 1.048 | 0.854             | 0.707 | 1.014 | 0.811 | 0.701 | 1.004                                                                               |    |
| 12 | 7   | TLS70  | 0.5        | 0.5     | 0.0     | 0.228 | 0.25  | 0.5   | 0.298 | 0.5   | 0.0   | 47.0          | 18.1 | 107.3          | -5.3  | 17.3        | 14.3 | 16.0       | 10.3  | 0.352       | 0.352 | 0.162         | 0.181 | 0.117 | 0.471             | 0.47  | 0.342 | 0.467 | 0.466 | 0.35                                                                                |    |
| 13 | 7   | TLS70  | 0.5        | 0.5     | 0.5     | 0.0   | 0.5   | 0.0   | 0.0   | 0.5   | 0.5   | 82.6          | 0.0  | 0.0            | 0.0   | 0.0         | 58.3 | 61.3       | 66.8  | 0.313       | 0.313 | 0.658         | 0.692 | 0.754 | 0.85              | 0.85  | 0.85  | 0.846 | 0.846 | 0.846                                                                               |    |
| 14 | 7   | TLS70  | 0.5        | 0.5     | 1.0     | 0.747 | 0.75  | 0.5   | 0.816 | 0.0   | 0.5   | 83.8          | 19.5 | 293.9          | 7.9   | -17.7       | 63.8 | 63.6       | 93.1  | 0.289       | 0.289 | 0.72          | 0.718 | 1.051 | 0.858             | 0.85  | 1.002 | 0.852 | 0.846 | 0.996                                                                               |    |
| 15 | 7   | TLS70  | 0.5        | 1.0     | 0.0     | 0.278 | 0.5   | 1.0   | 0.347 | 0.0   | 0.0   | 91.6          | 40.8 | 124.8          | -23.2 | 33.5        | 65.1 | 79.9       | 47.9  | 0.337       | 0.337 | 0.734         | 0.901 | 0.541 | 0.867             | 1.001 | 0.686 | 0.905 | 1.001 | 0.697                                                                               |    |
| 16 | 7   | TLS70  | 0.5        | 1.0     | 0.5     | 0.325 | 0.75  | 0.5   | 0.395 | 0.0   | 0.5   | 92.4          | 22.6 | 142.3          | -17.8 | 13.8        | 68.9 | 81.5       | 70.5  | 0.312       | 0.312 | 0.778         | 0.92  | 0.796 | 0.859             | 1.002 | 0.853 | 0.9   | 1.002 | 0.855                                                                               |    |
| 17 | 7   | TLS70  | 0.5        | 1.0     | 1.0     | 0.481 | 0.75  | 0.5   | 0.55  | 0.0   | 0.5   | 93.2          | 11.5 | 197.9          | -10.9 | -3.4        | 73.8 | 83.4       | 96.0  | 0.292       | 0.292 | 0.833         | 0.941 | 1.083 | 0.861             | 1.001 | 1.0   | 0.901 | 1.001 | 1.0                                                                                 |    |
| 18 | 7   | TLS70  | 1.0        | 0.0     | 0.0     | 0.992 | 0.5   | 1.0   | 0.061 | 0.0   | 0.0   | 76.4          | 28.3 | 21.9           | 26.3  | 10.6        | 58.2 | 50.6       | 44.8  | 0.379       | 0.379 | 0.657         | 0.571 | 0.506 | 1.0               | 0.705 | 0.705 | 0.926 | 0.699 | 0.699                                                                               |    |
| 19 | 7   | TLS70  | 1.0        | 0.0     | 0.5     | 0.914 | 0.5   | 1.0   | 0.983 | 0.0   | 0.0   | 77.5          | 36.8 | 354.0          | 36.6  | -3.7        | 64.5 | 52.3       | 61.1  | 0.363       | 0.363 | 0.728         | 0.59  | 0.69  | 1.046             | 0.688 | 0.826 | 0.961 | 0.682 | 0.817                                                                               |    |
| 20 | 7   | TLS70  | 1.0        | 0.0     | 1.0     | 0.836 | 0.5   | 1.0   | 0.906 | 0.0   | 0.0   | 78.5          | 45.2 | 326.1          | 37.5  | -25.1       | 66.9 | 54.1       | 90.7  | 0.316       | 0.316 | 0.756         | 0.61  | 1.024 | 1.0               | 0.705 | 1.0   | 0.926 | 0.699 | 0.99                                                                                |   |
| 21 | 7   | TLS70  | 1.0        | 0.5     | 0.0     | 0.111 | 0.5   | 1.0   | 0.179 | 0.0   | 0.0   | 85.2          | 32.3 | 64.6           | 13.9  | 29.2        | 69.3 | 66.4       | 41.7  | 0.391       | 0.391 | 0.782         | 0.749 | 0.471 | 1.062             | 0.836 | 0.657 | 1.005 | 0.832 | 0.659                                                                               |  |
| 22 | 7   | TLS70  | 1.0        | 0.5     | 0.5     | 0.992 | 0.75  | 0.5   | 0.061 | 0.0   | 0.5   | 85.9          | 14.2 | 21.9           | 13.1  | 5.3         | 70.4 | 67.8       | 67.4  | 0.342       | 0.342 | 0.795         | 0.766 | 0.761 | 1.009             | 0.853 | 0.85  | 0.967 | 0.849 | 0.846                                                                               |  |
| 23 | 7   | TLS70  | 1.0        | 0.5     | 1.0     | 0.836 | 0.75  | 0.5   | 0.906 | 0.0   | 0.5   | 87.0          | 22.6 | 326.1          | 18.8  | -12.5       | 75.2 | 69.9       | 93.6  | 0.315       | 0.315 | 0.849         | 0.789 | 1.056 | 1.005             | 0.855 | 1.001 | 0.965 | 0.851 | 0.995                                                                               |  |
| 24 | 7   | TLS70  | 1.0        | 1.0     | 0.0     | 0.228 | 0.5   | 1.0   | 0.298 | 0.0   | 0.0   | 93.9          | 36.3 | 107.3          | -10.7 | 34.6        | 75.5 | 85.1       | 50.6  | 0.357       | 0.357 | 0.852         | 0.961 | 0.571 | 1.0               | 1.0   | 0.705 | 1.0   | 1.0   | 0.715                                                                               |  |
| 25 | 7   | TLS70  | 1.0        | 1.0     | 0.5     | 0.228 | 0.75  | 0.5   | 0.298 | 0.0   | 0.5   | 94.7          | 18.1 | 107.3          | -5.3  | 17.3        | 79.8 | 86.8       | 71.1  | 0.336       | 0.336 | 0.9           | 0.98  | 0.802 | 1.005             | 1.0   | 0.853 | 1.004 | 1.0   | 0.856                                                                               |  |
| 26 | 7   | TLS70  | 1.0        | 1.0     | 1.0     | 0.0   | 1.0   | 0.0   | 0.0   | 0.0   | 1.0   | 95.4          | 0.0  | 0.0            | 0.0   | 0.0         | 84.2 | 88.6       | 96.5  | 0.313       | 0.313 | 0.95          | 1.0   | 1.089 | 1.0               | 1.0   | 1.0   | 1.0   | 1.0   | 1.0                                                                                 |  |