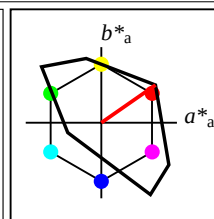


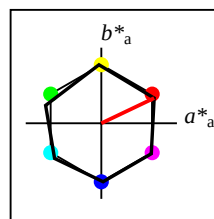
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>M</sub>   | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>M</sub>   | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>M</sub>   | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>M</sub>   | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>M</sub>   | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>M</sub>   | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>M</sub>   | 18.01       | 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          |



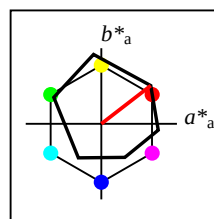
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>             | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>             | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>             | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>             | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>             | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>             | 18.01       | 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          |



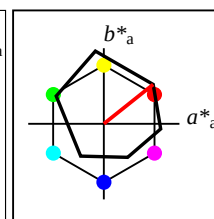
%Gamut  
 $u^*_{rel} = 100$   
%Regularity  
 $g^*_{H,rel} = 78$   
 $g^*_{C,rel} = 100$

| NRS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| Y <sub>Ma</sub>             | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| L <sub>Ma</sub>             | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| C <sub>Ma</sub>             | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| V <sub>Ma</sub>             | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| M <sub>Ma</sub>             | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| N <sub>Ma</sub>             | 18.01       | 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          |



%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 <sub>Ma</sub>             | 47.94       | 65.39   | 50.52   | 82.63        | 38           |
| Y <sub>Ma</sub>             | 90.37       | -10.26  | 91.75   | 92.32        | 96           |
| L <sub>Ma</sub>             | 50.9        | -62.83  | 34.96   | 71.91        | 151          |
| C <sub>Ma</sub>             | 58.62       | -30.34  | -45.01  | 54.3         | 236          |
| V <sub>Ma</sub>             | 25.72       | 31.1    | -44.4   | 54.22        | 305          |
| M <sub>Ma</sub>             | 48.13       | 75.28   | -8.36   | 75.74        | 354          |
| N <sub>Ma</sub>             | 18.01       | 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       | 58.66   | 26.98   | 64.57        | 25           |
| J <sub>CIE</sub>            | 81.26       | -2.16   | 67.76   | 67.79        | 92           |
| G <sub>CIE</sub>            | 52.23       | -42.25  | 11.76   | 43.87        | 164          |
| B <sub>CIE</sub>            | 30.57       | 1.15    | -46.84  | 46.86        | 271          |



%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 <sub>M</sub>   | 47.94       | 65.31   | 52.07   | 83.53        | 39           |
| Y <sub>M</sub>   | 90.37       | -11.15  | 96.17   | 96.82        | 97           |
| L <sub>M</sub>   | 50.9        | -62.96  | 36.71   | 72.89        | 150          |
| C <sub>M</sub>   | 58.62       | -30.62  | -42.74  | 52.59        | 234          |
| V <sub>M</sub>   | 25.72       | 31.45   | -44.35  | 54.38        | 305          |
| M <sub>M</sub>   | 48.13       | 75.2    | -6.79   | 75.51        | 355          |
| N <sub>M</sub>   | 18.01       | 0.5     | -0.46   | 0.69         | 317          |
| W <sub>M</sub>   | 95.41       | -0.98   | 4.76    | 4.86         | 102          |
| 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 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system ORS18 for output; 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 | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
|---|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|-------|-------|-------|--------|-------|-------|--------|-------|-------|
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
| n | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
| 0 | 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        | 0.0         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |       |        |       |       |
| 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         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |       |        |       |       |
| 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         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |       |        |       |       |
| 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        | 0.0         | 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       | 0.188         | 0.188             | 0.048 | 0.028 | 0.181 | 0.166  | 0.117 | 0.472 | 0.17   | 0.138 | 0.46  |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 0.243         | 0.243             | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483 | 0.291  | 0.247 | 0.473 |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 0.243         | 0.243             | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483 | 0.291  | 0.247 | 0.473 |
| 1 | 0   | ORS18  | 0.0     | 0.005   | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 13.0          | 27.1           | 304.3       | 15.3       | -22.3       | 0.238         | 0.238             | 0.024 | 0.018 | 0.058 | 0.155  | 0.115 | 0.27  | 0.162  | 0.137 | 0.273 |
| 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       | 0.161         | 0.161             | 0.202 | 0.099 | 0.954 | 0.185  | 0.185 | 1.0   | 0.199  | 0.198 | 0.981 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 0.228         | 0.228             | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029 | 0.562  | 0.466 | 1.014 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 0.228         | 0.228             | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029 | 0.562  | 0.466 | 1.014 |
| 2 | 0   | ORS18  | 0.0     | 0.01    | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 26.0          | 54.2           | 304.3       | 30.6       | -44.7       | 0.213         | 0.213             | 0.082 | 0.054 | 0.248 | 0.267  | 0.197 | 0.542 | 0.258  | 0.209 | 0.529 |
| 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        | 0.308         | 0.308             | 0.08  | 0.141 | 0.038 | 0.166  | 0.472 | 0.135 | 0.299  | 0.468 | 0.181 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 0.311         | 0.311             | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097 | 0.213  | 0.323 | 0.137 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 0.311         | 0.311             | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097 | 0.213  | 0.323 | 0.137 |
| 3 | 0   | ORS18  | 0.129   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 30.5          | 38.6           | 136.9       | -28.1      | 26.4        | 0.312         | 0.312             | 0.044 | 0.073 | 0.024 | 0.145  | 0.341 | 0.117 | 0.232  | 0.343 | 0.154 |
| 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        | 0.239         | 0.239             | 0.111 | 0.153 | 0.2   | 0.168  | 0.471 | 0.469 | 0.3    | 0.467 | 0.466 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 0.159         | 0.159             | 0.031 | 0.063 | 0.103 | -0.599 | 0.336 | 0.345 | -0.103 | 0.338 | 0.346 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 0.159         | 0.159             | 0.031 | 0.063 | 0.103 | -0.599 | 0.336 | 0.345 | -0.103 | 0.338 | 0.346 |
| 4 | 0   | ORS18  | 0.0     | 0.5     | 0.268   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 27.5          | 31.2           | 196.5       | -29.9      | -8.7        | 0.183         | 0.183             | 0.034 | 0.06  | 0.091 | -0.36  | 0.319 | 0.324 | 0.078  | 0.322 | 0.327 |
| 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       | 0.124         | 0.124             | 0.246 | 0.334 | 1.409 | -5.403 | 0.699 | 1.171 | -0.448 | 0.693 | 1.163 |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 0.121         | 0.121             | 0.204 | 0.278 | 1.197 | -4.699 | 0.645 | 1.091 | -0.426 | 0.639 | 1.08  |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 0.121         | 0.121             | 0.204 | 0.278 | 1.197 | -4.699 | 0.645 | 1.091 | -0.426 | 0.639 | 1.08  |
| 5 | 0   | ORS18  | 0.0     | 0.792   | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 51.8          | 54.3           | 250.4       | -18.1      | -51.0       | 0.156         | 0.156             | 0.176 | 0.225 | 0.728 | -1.777 | 0.567 | 0.872 | -0.161 | 0.562 | 0.858 |
| 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        | 0.301         | 0.301             | 0.374 | 0.723 | 0.147 | 0.186  | 1.0   | 0.184 | 0.583  | 1.0   | 0.295 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 0.302         | 0.302             | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119 | 0.381  | 0.646 | 0.198 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 0.302         | 0.302             | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119 | 0.381  | 0.646 | 0.198 |
| 6 | 0   | ORS18  | 0.257   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 61.0          | 77.2           | 136.9       | -56.2      | 52.7        | 0.305         | 0.305             | 0.18  | 0.331 | 0.079 | 0.208  | 0.701 | 0.176 | 0.426  | 0.695 | 0.24  |
| 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        | 0.232         | 0.232             | 0.409 | 0.758 | 0.598 | -1.766 | 1.022 | 0.736 | 0.482  | 1.022 | 0.745 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 0.198         | 0.198             | 0.116 | 0.278 | 0.191 | -1.899 | 0.678 | 0.426 | 0.142  | 0.672 | 0.438 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 0.198         | 0.198             | 0.116 | 0.278 | 0.191 | -1.899 | 0.678 | 0.426 | 0.142  | 0.672 | 0.438 |
| 7 | 0   | ORS18  | 0.0     | 1.0     | 0.185   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 52.3          | 68.6           | 166.7       | -66.7      | 15.8        | 0.205         | 0.205             | 0.101 | 0.231 | 0.163 | -1.387 | 0.619 | 0.397 | 0.17   | 0.613 | 0.408 |
| 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       | 0.228         | 0.228             | 0.55  | 0.793 | 1.07  | 0.187  | 1.0   | 1.0   | 0.583  | 1.0   | 1.0   |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 0.133         | 0.133             | 0.117 | 0.278 | 0.491 | -3.764 | 0.686 | 0.714 | -0.328 | 0.68  | 0.707 |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 0.133         | 0.133             | 0.117 | 0.278 | 0.491 | -3.764 | 0.686 | 0.714 | -0.328 | 0.68  | 0.707 |
| 8 | 0   | ORS18  | 0.0     | 1.0     | 0.535   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 55.0          | 62.5           | 196.5       | -59.8      | -17.6       | 0.158         | 0.158             | 0.128 | 0.259 | 0.423 | -2.506 | 0.65  | 0.666 | -0.204 | 0.644 | 0.66  |

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system ORS18 for output; 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)

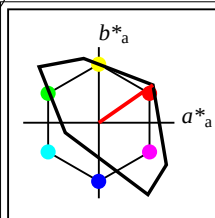
| n  | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |       |        |       |       |       |  |
|----|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--|
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |       |        |       |       |       |  |
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |       |        |       |       |       |  |
| n  | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |       |        |       |       |       |  |
| 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 |  |
| 9  | 5   | NRS18  | 0.5     | 0.07    | 0.0     | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 28.4          | 38.7           | 34.9        | 31.8       | 22.1        | 8.4           | 5.6               | 2.2  | 0.52  | 0.52  | 0.095 | 0.063 | 0.025 | 0.483 | 0.18  | 0.145  | 0.422 | 0.194 | 0.164 |  |
| 9  | 5   | NRS18  | 0.5     | 0.07    | 0.0     | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 28.4          | 38.7           | 34.9        | 31.8       | 22.1        | 8.4           | 5.6               | 2.2  | 0.52  | 0.52  | 0.095 | 0.063 | 0.025 | 0.483 | 0.18  | 0.145  | 0.422 | 0.194 | 0.164 |  |
| 9  | 0   | ORS18  | 0.5     | 0.0     | 0.032   | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 24.0          | 41.1           | 34.9        | 33.7       | 23.5        | 6.7           | 4.1               | 1.3  | 0.553 | 0.553 | 0.075 | 0.046 | 0.014 | 0.443 | 0.126 | 0.1    | 0.384 | 0.146 | 0.124 |  |
| 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  |  |
| 10 | 5   | NRS18  | 0.495   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 28.4          | 38.7           | 328.1       | 32.8       | -20.4       | 8.5           | 5.6               | 12.4 | 0.322 | 0.322 | 0.096 | 0.063 | 0.14  | 0.418 | 0.192 | 0.411  | 0.371 | 0.205 | 0.404 |  |
| 10 | 5   | NRS18  | 0.495   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 28.4          | 38.7           | 328.1       | 32.8       | -20.4       | 8.5           | 5.6               | 12.4 | 0.322 | 0.322 | 0.096 | 0.063 | 0.14  | 0.418 | 0.192 | 0.411  | 0.371 | 0.205 | 0.404 |  |
| 10 | 0   | ORS18  | 0.237   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 18.2          | 32.2           | 328.1       | 27.3       | -16.9       | 4.0           | 2.6               | 6.0  | 0.322 | 0.322 | 0.046 | 0.029 | 0.067 | 0.294 | 0.116 | 0.289  | 0.265 | 0.137 | 0.29  |  |
| 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 |  |
| 11 | 5   | NRS18  | 0.782   | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 56.7          | 77.4           | 316.2       | 55.9       | -53.5       | 38.3          | 24.6              | 78.0 | 0.272 | 0.272 | 0.432 | 0.278 | 0.88  | 0.757 | 0.409 | 0.954  | 0.675 | 0.408 | 0.937 |  |
| 11 | 5   | NRS18  | 0.782   | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 56.7          | 77.4           | 316.2       | 55.9       | -53.5       | 38.3          | 24.6              | 78.0 | 0.272 | 0.272 | 0.432 | 0.278 | 0.88  | 0.757 | 0.409 | 0.954  | 0.675 | 0.408 | 0.937 |  |
| 11 | 0   | ORS18  | 0.23    | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 30.9          | 59.2           | 316.2       | 42.7       | -40.9       | 11.1          | 6.6               | 24.6 | 0.263 | 0.263 | 0.126 | 0.074 | 0.277 | 0.43  | 0.187 | 0.57   | 0.38  | 0.201 | 0.556 |  |
| 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 |  |
| 12 | 5   | NRS18  | 0.422   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 28.4          | 38.7           | 103.3       | -8.8       | 37.7        | 4.6           | 5.6               | 0.8  | 0.42  | 0.42  | 0.052 | 0.063 | 0.009 | 0.287 | 0.29  | -0.007 | 0.293 | 0.295 | 0.062 |  |
| 12 | 5   | NRS18  | 0.422   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 28.4          | 38.7           | 103.3       | -8.8       | 37.7        | 4.6           | 5.6               | 0.8  | 0.42  | 0.42  | 0.052 | 0.063 | 0.009 | 0.287 | 0.29  | -0.007 | 0.293 | 0.295 | 0.062 |  |
| 12 | 0   | ORS18  | 0.437   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 42.7          | 44.9           | 103.3       | -10.2      | 43.7        | 10.9          | 13.0              | 2.6  | 0.412 | 0.412 | 0.123 | 0.146 | 0.029 | 0.434 | 0.432 | 0.085  | 0.432 | 0.43  | 0.144 |  |
| 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 |  |
| 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         | 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 |  |
| 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         | 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 |  |
| 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 | 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 |  |
| 14 | 5   | NRS18  | 0.786   | 0.5     | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 76.1          | 38.7           | 304.3       | 21.8       | -31.9       | 55.8          | 50.0              | 94.4 | 0.279 | 0.279 | 0.63  | 0.564 | 1.065 | 0.822 | 0.73  | 1.02   | 0.792 | 0.725 | 1.01  |  |
| 14 | 5   | NRS18  | 0.786   | 0.5     | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 76.1          | 38.7           | 304.3       | 21.8       | -31.9       | 55.8          | 50.0              | 94.4 | 0.279 | 0.279 | 0.63  | 0.564 | 1.065 | 0.822 | 0.73  | 1.02   | 0.792 | 0.725 | 1.01  |  |
| 14 | 0   | ORS18  | 0.5     | 0.505   | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 60.7          | 27.1           | 304.3       | 15.3       | -22.3       | 31.5          | 28.9              | 50.4 | 0.284 | 0.284 | 0.356 | 0.327 | 0.569 | 0.639 | 0.577 | 0.77   | 0.617 | 0.571 | 0.758 |  |
| 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 |  |
| 15 | 5   | NRS18  | 0.603   | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 56.7          | 77.4           | 120.1       | -38.7      | 67.0        | 15.7          | 24.6              | 2.7  | 0.366 | 0.366 | 0.178 | 0.278 | 0.031 | 0.401 | 0.627 | -0.186 | 0.476 | 0.621 | 0.033 |  |
| 15 | 5   | NRS18  | 0.603   | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 56.7          | 77.4           | 120.1       | -38.7      | 67.0        | 15.7          | 24.6              | 2.7  | 0.366 | 0.366 | 0.178 | 0.278 | 0.031 | 0.401 | 0.627 | -0.186 | 0.476 | 0.621 | 0.033 |  |
| 15 | 0   | ORS18  | 0.565   | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 73.2          | 83.5           | 120.1       | -41.7      | 72.2        | 30.6          | 45.5              | 7.4  | 0.367 | 0.367 | 0.346 | 0.514 | 0.084 | 0.574 | 0.816 | 0.036  | 0.649 | 0.812 | 0.199 |  |
| 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 |  |
| 16 | 5   | NRS18  | 0.681   | 1.0     | 0.5     | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 76.1          | 38.7           | 136.9       | -28.2      | 26.4        | 38.1          | 50.0              | 31.5 | 0.318 | 0.318 | 0.43  | 0.564 | 0.356 | 0.624 | 0.831 | 0.57   | 0.685 | 0.826 | 0.578 |  |
| 16 | 5   | NRS18  | 0.681   | 1.0     | 0.5     | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 76.1          | 38.7           | 136.9       | -28.2      | 26.4        | 38.1          | 50.0              | 31.5 | 0.318 | 0.318 | 0.43  | 0.564 | 0.356 | 0.624 | 0.831 | 0.57   | 0.685 | 0.826 | 0.578 |  |
| 16 | 0   | ORS18  | 0.629   | 1.0     | 0.5     | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 78.2          | 38.6           | 136.9       | -28.1      | 26.4        | 41.1          | 53.6              | 34.3 | 0.318 | 0.318 | 0.464 | 0.605 | 0.387 | 0.649 | 0.855 | 0.594  | 0.71  | 0.851 | 0.602 |  |
| 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   |  |
| 17 | 5   | NRS18  | 0.5     | 1.0     | 0.813   | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 76.1          | 38.7           | 196.5       | -37.0      | -10.9       | 35.4          | 50.0              | 66.5 | 0.233 | 0.233 | 0.399 | 0.564 | 0.751 | 0.255 | 0.856 | 0.855  | 0.521 | 0.852 | 0.851 |  |
| 17 | 5   | NRS18  | 0.5     | 1.0     | 0.813   | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 76.1          | 38.7           | 196.5       | -37.0      | -10.9       | 35.4          | 50.0              | 66.5 | 0.233 | 0.233 | 0.399 | 0.564 | 0.751 | 0.255 | 0.856 | 0.855  | 0.521 | 0.852 | 0.851 |  |
| 17 | 0   | ORS18  | 0.5     | 1.0     | 0.768   | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 75.2          | 31.2           | 196.5       | -29.9      | -8.7        | 36.4          | 48.6              | 62.4 | 0.247 | 0.247 | 0.411 | 0.549 | 0.704 | 0.407 | 0.833 | 0.83   | 0.567 | 0.828 | 0.825 |  |

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system ORS18 for output; 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 | in | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | 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$RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's_{RGB}$ | $RGB's$ 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|---|----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------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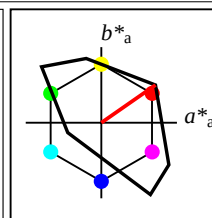
YE530-7, Colour Management Workflow: Device Colour Input Data of the Colour Space TLS18 -> Device Colour Output Data of Output Space ORS18, page 4/32

BAM-test chart YE53; Colorimetric workflow TLS18->ORS18 input:  $olv^*$  *setrgbcolor*  
D65: 3x3x3=27 colours; Device and sample data; page 4/32 output:  $olv^*$  (*TRI9*) *setrgbcolor*



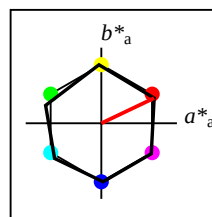
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>M</sub>   | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>M</sub>   | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>M</sub>   | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>M</sub>   | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>M</sub>   | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>M</sub>   | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>M</sub>   | 18.01       | 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          |



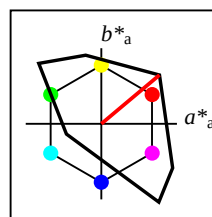
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>             | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>             | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>             | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>             | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>             | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>             | 18.01       | 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          |



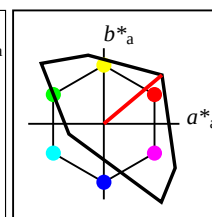
%Gamut  
 $u^*_{rel} = 100$   
%Regularity  
 $g^*_{H,rel} = 78$   
 $g^*_{C,rel} = 100$

| NRS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| Y <sub>Ma</sub>             | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| L <sub>Ma</sub>             | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| C <sub>Ma</sub>             | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| V <sub>Ma</sub>             | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| M <sub>Ma</sub>             | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| N <sub>Ma</sub>             | 18.01       | 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          |



%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          |



%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          |



Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system TLS00 for output; 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 | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |
|---|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |
| n | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |
| 0 | 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        | 0.0         | 0.0           | 0.0               |
| 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           | 0.0               |
| 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           | 0.0               |
| 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               |
| 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               |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 7.3           | 5.6               |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 7.3           | 5.6               |
| 1 | 1   | TLS00  | 0.0     | 0.009   | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 15.7          | 63.5           | 304.3       | 35.8       | -52.4       | 3.9           | 2.0               |
| 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               |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 34.6          | 24.6              |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 34.6          | 24.6              |
| 2 | 1   | TLS00  | 0.0     | 0.018   | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 31.4          | 127.1          | 304.3       | 71.7       | -104.9      | 16.0          | 6.8               |
| 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 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 3.3           | 5.6               |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 3.3           | 5.6               |
| 3 | 1   | TLS00  | 0.0     | 0.5     | 0.007   | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 41.8          | 57.0           | 136.9       | -41.5      | 39.0        | 6.8           | 12.4              |
| 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              |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 2.8           | 5.6               |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 2.8           | 5.6               |
| 4 | 1   | TLS00  | 0.0     | 0.5     | 0.5     | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 43.4          | 24.1           | 196.5       | -23.0      | -6.7        | 9.6           | 13.4              |
| 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              |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 18.1          | 24.6              |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 18.1          | 24.6              |
| 5 | 1   | TLS00  | 0.0     | 0.509   | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 59.1          | 87.6           | 250.4       | -29.3      | -82.5       | 19.4          | 27.2              |
| 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              |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 12.9          | 24.6              |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 12.9          | 24.6              |
| 6 | 1   | TLS00  | 0.0     | 1.0     | 0.015   | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 83.7          | 114.1          | 136.9       | -83.2      | 77.9        | 31.6          | 63.4              |
| 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              |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 10.3          | 24.6              |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 10.3          | 24.6              |
| 7 | 1   | TLS00  | 0.0     | 1.0     | 0.508   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 85.3          | 81.0           | 166.7       | -78.8      | 18.7        | 34.8          | 66.6              |
| 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              |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 10.4          | 24.6              |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 10.4          | 24.6              |
| 8 | 1   | TLS00  | 0.0     | 0.999   | 1.0     | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 86.8          | 48.2           | 196.5       | -46.1      | -13.5       | 47.6          | 69.7              |

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system TLS00 for output; 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  | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |       |
|----|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|-------|
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |       |
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |       |
| n  | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |       |
| 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 |
| 9  | 5   | NRS18  | 0.5     | 0.07    | 0.0     | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 28.4          | 38.7           | 34.9        | 31.8       | 22.1        | 8.4           | 5.6               | 2.2  | 0.52  | 0.52  | 0.095 | 0.063 | 0.025 | 0.483 | 0.18   | 0.145  | 0.422 | 0.194  | 0.164 |
| 9  | 5   | NRS18  | 0.5     | 0.07    | 0.0     | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 28.4          | 38.7           | 34.9        | 31.8       | 22.1        | 8.4           | 5.6               | 2.2  | 0.52  | 0.52  | 0.095 | 0.063 | 0.025 | 0.483 | 0.18   | 0.145  | 0.422 | 0.194  | 0.164 |
| 9  | 1   | TLS00  | 0.5     | 0.0     | 0.036   | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 25.5          | 50.6           | 34.9        | 41.5       | 28.9        | 8.1           | 4.6               | 1.1  | 0.591 | 0.591 | 0.092 | 0.052 | 0.012 | 0.498 | 0.089  | 0.08   | 0.427 | 0.114  | 0.106 |
| 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  |
| 10 | 5   | NRS18  | 0.495   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 28.4          | 38.7           | 328.1       | 32.8       | -20.4       | 8.5           | 5.6               | 12.4 | 0.322 | 0.322 | 0.096 | 0.063 | 0.14  | 0.418 | 0.192  | 0.411  | 0.371 | 0.205  | 0.404 |
| 10 | 5   | NRS18  | 0.495   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 28.4          | 38.7           | 328.1       | 32.8       | -20.4       | 8.5           | 5.6               | 12.4 | 0.322 | 0.322 | 0.096 | 0.063 | 0.14  | 0.418 | 0.192  | 0.411  | 0.371 | 0.205  | 0.404 |
| 10 | 1   | TLS00  | 0.496   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 28.5          | 55.6           | 328.1       | 47.1       | -29.3       | 10.4          | 5.7               | 16.3 | 0.321 | 0.321 | 0.117 | 0.064 | 0.184 | 0.474 | 0.122  | 0.471  | 0.409 | 0.142  | 0.459 |
| 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 |
| 11 | 5   | NRS18  | 0.782   | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 56.7          | 77.4           | 316.2       | 55.9       | -53.5       | 38.3          | 24.6              | 78.0 | 0.272 | 0.272 | 0.432 | 0.278 | 0.88  | 0.757 | 0.409  | 0.954  | 0.675 | 0.408  | 0.937 |
| 11 | 5   | NRS18  | 0.782   | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 56.7          | 77.4           | 316.2       | 55.9       | -53.5       | 38.3          | 24.6              | 78.0 | 0.272 | 0.272 | 0.432 | 0.278 | 0.88  | 0.757 | 0.409  | 0.954  | 0.675 | 0.408  | 0.937 |
| 11 | 1   | TLS00  | 0.452   | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 42.5          | 120.6          | 316.2       | 87.0       | -83.4       | 29.7          | 12.9              | 85.4 | 0.232 | 0.232 | 0.335 | 0.145 | 0.963 | 0.653 | -0.165 | 1.003  | 0.552 | -0.138 | 0.984 |
| 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 |
| 12 | 5   | NRS18  | 0.422   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 28.4          | 38.7           | 103.3       | -8.8       | 37.7        | 4.6           | 5.6               | 0.8  | 0.42  | 0.42  | 0.052 | 0.063 | 0.009 | 0.287 | 0.29   | -0.007 | 0.293 | 0.295  | 0.062 |
| 12 | 5   | NRS18  | 0.422   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 28.4          | 38.7           | 103.3       | -8.8       | 37.7        | 4.6           | 5.6               | 0.8  | 0.42  | 0.42  | 0.052 | 0.063 | 0.009 | 0.287 | 0.29   | -0.007 | 0.293 | 0.295  | 0.062 |
| 12 | 1   | TLS00  | 0.494   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 46.3          | 46.7           | 103.3       | -10.6      | 45.4        | 13.0          | 15.5              | 3.2  | 0.41  | 0.41  | 0.147 | 0.175 | 0.037 | 0.472 | 0.469  | 0.107  | 0.468 | 0.466  | 0.162 |
| 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 |
| 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         | 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 |
| 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         | 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 |
| 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 | 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 |
| 14 | 5   | NRS18  | 0.786   | 0.5     | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 76.1          | 38.7           | 304.3       | 21.8       | -31.9       | 55.8          | 50.0              | 94.4 | 0.279 | 0.279 | 0.63  | 0.564 | 1.065 | 0.822 | 0.73   | 1.02   | 0.792 | 0.725  | 1.01  |
| 14 | 5   | NRS18  | 0.786   | 0.5     | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 76.1          | 38.7           | 304.3       | 21.8       | -31.9       | 55.8          | 50.0              | 94.4 | 0.279 | 0.279 | 0.63  | 0.564 | 1.065 | 0.822 | 0.73   | 1.02   | 0.792 | 0.725  | 1.01  |
| 14 | 1   | TLS00  | 0.5     | 0.509   | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 63.4          | 63.5           | 304.3       | 35.8       | -52.4       | 41.1          | 32.1              | 92.5 | 0.248 | 0.248 | 0.464 | 0.362 | 1.044 | 0.685 | 0.559  | 1.024  | 0.646 | 0.554  | 1.01  |
| 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 |
| 15 | 5   | NRS18  | 0.603   | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 56.7          | 77.4           | 120.1       | -38.7      | 67.0        | 15.7          | 24.6              | 2.7  | 0.366 | 0.366 | 0.178 | 0.278 | 0.031 | 0.401 | 0.627  | -0.186 | 0.476 | 0.621  | 0.033 |
| 15 | 5   | NRS18  | 0.603   | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 56.7          | 77.4           | 120.1       | -38.7      | 67.0        | 15.7          | 24.6              | 2.7  | 0.366 | 0.366 | 0.178 | 0.278 | 0.031 | 0.401 | 0.627  | -0.186 | 0.476 | 0.621  | 0.033 |
| 15 | 1   | TLS00  | 0.48    | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 88.0          | 104.5          | 120.1       | -52.3      | 90.4        | 47.1          | 72.0              | 9.5  | 0.366 | 0.366 | 0.532 | 0.813 | 0.108 | 0.681 | 1.006  | -0.287 | 0.787 | 1.006  | 0.17  |
| 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 |
| 16 | 5   | NRS18  | 0.681   | 1.0     | 0.5     | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 76.1          | 38.7           | 136.9       | -28.2      | 26.4        | 38.1          | 50.0              | 31.5 | 0.318 | 0.318 | 0.43  | 0.564 | 0.356 | 0.624 | 0.831  | 0.57   | 0.685 | 0.826  | 0.578 |
| 16 | 5   | NRS18  | 0.681   | 1.0     | 0.5     | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 76.1          | 38.7           | 136.9       | -28.2      | 26.4        | 38.1          | 50.0              | 31.5 | 0.318 | 0.318 | 0.43  | 0.564 | 0.356 | 0.624 | 0.831  | 0.57   | 0.685 | 0.826  | 0.578 |
| 16 | 1   | TLS00  | 0.5     | 1.0     | 0.507   | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 89.5          | 57.0           | 136.9       | -41.5      | 39.0        | 53.7          | 75.3              | 39.8 | 0.318 | 0.318 | 0.606 | 0.85  | 0.449 | 0.689 | 1.012  | 0.614  | 0.794 | 1.012  | 0.631 |
| 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   |
| 17 | 5   | NRS18  | 0.5     | 1.0     | 0.813   | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 76.1          | 38.7           | 196.5       | -37.0      | -10.9       | 35.4          | 50.0              | 66.5 | 0.233 | 0.233 | 0.399 | 0.564 | 0.751 | 0.255 | 0.856  | 0.855  | 0.521 | 0.852  | 0.851 |
| 17 | 5   | NRS18  | 0.5     | 1.0     | 0.813   | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 76.1          | 38.7           | 196.5       | -37.0      | -10.9       | 35.4          | 50.0              | 66.5 | 0.233 | 0.233 | 0.399 | 0.564 | 0.751 | 0.255 | 0.856  | 0.855  | 0.521 | 0.852  | 0.851 |
| 17 | 1   | TLS00  | 0.5     | 1.0     | 1.0     | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 91.1          | 24.1           | 196.5       | -23.0      | -6.7        | 64.2          | 78.8              | 95.6 | 0.269 | 0.269 | 0.724 | 0.889 | 1.079 | 0.696 | 1.005  | 1.0    | 0.795 | 1.005  | 1.0   |

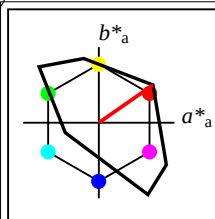
YE530-7, Colour Management Workflow: Device Colour Input Data of the Colour Space TLS18 -> Device Colour Output Data of Output Space TLS00, page 7/32

BAM-test chart YE53; Colorimetric workflow TLS18->TLS00 input:  $olv^*$  *setrgbcolor*  
D65: 3x3x3=27 colours; Device and sample data; page 7/32 output:  $olv^*$  (*TRI9*) *setrgbcolor*

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system TLS00 for output; 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)

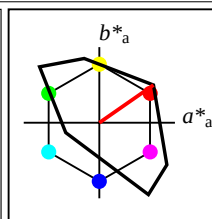
| <i>n</i> | <i>in</i> | System | <i>o</i> <sub>3</sub> | <i>l</i> <sub>3</sub> | <i>v</i> <sub>3</sub> | <i>e</i> <sup>*</sup> | <i>l</i> <sup>*</sup> | <i>c</i> <sup>*</sup> | <i>h</i> <sup>*</sup> | <i>n</i> <sup>*</sup> | <i>w</i> <sup>*</sup> | <i>LCH</i> <sup>*</sup> CIE | <i>a</i> <sup>*</sup> <i>b</i> <sup>*</sup> CIE | <i>XYZ</i> <sup>CIE</sup> | <i>xy</i> <sup>CIE</sup> | <i>XYZ</i> <sup>RGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> 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<sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> 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<sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> | <i>RGB</i> <sup>'sRGB</sup> |
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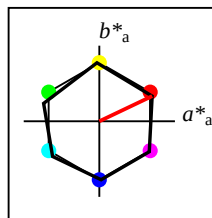
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>M</sub>   | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>M</sub>   | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>M</sub>   | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>M</sub>   | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>M</sub>   | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>M</sub>   | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>M</sub>   | 18.01       | 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          |



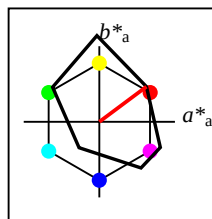
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>             | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>             | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>             | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>             | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>             | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>             | 18.01       | 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          |



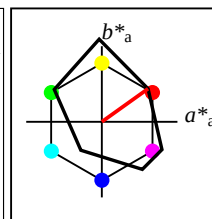
%Gamut  
 $u^*_{rel} = 100$   
%Regularity  
 $g^*_{H,rel} = 78$   
 $g^*_{C,rel} = 100$

| NRS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| Y <sub>Ma</sub>             | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| L <sub>Ma</sub>             | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| C <sub>Ma</sub>             | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| V <sub>Ma</sub>             | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| M <sub>Ma</sub>             | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| N <sub>Ma</sub>             | 18.01       | 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          |



%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          |



%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          |

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system FRS06 for output; 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 | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |        |        |       |       |
|---|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|-------|-------|-------|--------|-------|--------|--------|-------|-------|
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |        |        |       |       |
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |        |        |       |       |
| n | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |        |        |       |       |
| 0 | 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        | 0.0         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |        |        |       |       |
| 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         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |        |        |       |       |
| 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         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |        |        |       |       |
| 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        | 0.0         | 0.085         | 0.085             | 0.085 | 0.11  | 0.11  | 0.11   |       |        |        |       |       |
| 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       | 0.188         | 0.188             | 0.048 | 0.028 | 0.181 | 0.166  | 0.117 | 0.472  | 0.17   | 0.138 | 0.46  |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 0.243         | 0.243             | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483  | 0.291  | 0.247 | 0.473 |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 0.243         | 0.243             | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483  | 0.291  | 0.247 | 0.473 |
| 1 | 2   | FRS06  | 0.0     | 0.048   | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 6.9           | 39.2           | 304.3       | 22.1       | -32.3       | 0.187         | 0.187             | 0.015 | 0.009 | 0.057 | 0.081  | 0.049 | 0.27   | 0.1    | 0.08  | 0.272 |
| 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       | 0.161         | 0.161             | 0.202 | 0.099 | 0.954 | 0.185  | 0.185 | 1.0    | 0.199  | 0.198 | 0.981 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 0.228         | 0.228             | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029  | 0.562  | 0.466 | 1.014 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 0.228         | 0.228             | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029  | 0.562  | 0.466 | 1.014 |
| 2 | 2   | FRS06  | 0.0     | 0.097   | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 13.8          | 78.5           | 304.3       | 44.3       | -64.7       | 0.145         | 0.145             | 0.044 | 0.019 | 0.241 | -0.08  | 0.04  | 0.541  | -0.077 | 0.072 | 0.526 |
| 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        | 0.308         | 0.308             | 0.08  | 0.141 | 0.038 | 0.166  | 0.472 | 0.135  | 0.299  | 0.468 | 0.181 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 0.311         | 0.311             | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097  | 0.213  | 0.323 | 0.137 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 0.311         | 0.311             | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097  | 0.213  | 0.323 | 0.137 |
| 3 | 2   | FRS06  | 0.063   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 22.4          | 40.8           | 136.9       | -29.7      | 27.9        | 0.303         | 0.303             | 0.022 | 0.041 | 0.009 | 0.031  | 0.264 | 0.024  | 0.16   | 0.271 | 0.082 |
| 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        | 0.239         | 0.239             | 0.111 | 0.153 | 0.2   | 0.168  | 0.471 | 0.469  | 0.3    | 0.467 | 0.466 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 0.159         | 0.159             | 0.031 | 0.063 | 0.103 | -0.599 | 0.336 | 0.345  | -0.103 | 0.338 | 0.346 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 0.159         | 0.159             | 0.031 | 0.063 | 0.103 | -0.599 | 0.336 | 0.345  | -0.103 | 0.338 | 0.346 |
| 4 | 2   | FRS06  | 0.0     | 0.5     | 0.299   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 22.2          | 28.5           | 196.5       | -27.2      | -8.0        | 0.179         | 0.179             | 0.022 | 0.04  | 0.062 | -0.268 | 0.264 | 0.269  | 0.049  | 0.271 | 0.275 |
| 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       | 0.124         | 0.124             | 0.246 | 0.334 | 1.409 | -5.403 | 0.699 | 1.171  | -0.448 | 0.693 | 1.163 |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 0.121         | 0.121             | 0.204 | 0.278 | 1.197 | -4.699 | 0.645 | 1.091  | -0.426 | 0.639 | 1.08  |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 0.121         | 0.121             | 0.204 | 0.278 | 1.197 | -4.699 | 0.645 | 1.091  | -0.426 | 0.639 | 1.08  |
| 5 | 2   | FRS06  | 0.0     | 0.77    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 39.2          | 52.4           | 250.4       | -17.5      | -49.3       | 0.136         | 0.136             | 0.092 | 0.122 | 0.464 | -1.559 | 0.435 | 0.716  | -0.234 | 0.433 | 0.701 |
| 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        | 0.301         | 0.301             | 0.374 | 0.723 | 0.147 | 0.186  | 1.0   | 0.184  | 0.583  | 1.0   | 0.295 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 0.302         | 0.302             | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119  | 0.381  | 0.646 | 0.198 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 0.302         | 0.302             | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119  | 0.381  | 0.646 | 0.198 |
| 6 | 2   | FRS06  | 0.126   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 44.9          | 81.6           | 136.9       | -59.5      | 55.8        | 0.283         | 0.283             | 0.072 | 0.163 | 0.018 | -0.359 | 0.525 | -0.128 | 0.251  | 0.52  | 0.022 |
| 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        | 0.232         | 0.232             | 0.409 | 0.758 | 0.598 | -1.766 | 1.022 | 0.736  | 0.482  | 1.022 | 0.745 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 0.198         | 0.198             | 0.116 | 0.278 | 0.191 | -1.899 | 0.678 | 0.426  | 0.142  | 0.672 | 0.438 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 0.198         | 0.198             | 0.116 | 0.278 | 0.191 | -1.899 | 0.678 | 0.426  | 0.142  | 0.672 | 0.438 |
| 7 | 2   | FRS06  | 0.0     | 1.0     | 0.263   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 41.6          | 68.2           | 166.7       | -66.2      | 15.7        | 0.185         | 0.185             | 0.052 | 0.138 | 0.09  | -1.158 | 0.499 | 0.293  | -0.075 | 0.495 | 0.309 |
| 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       | 0.228         | 0.228             | 0.55  | 0.793 | 1.07  | 0.187  | 1.0   | 1.0    | 0.583  | 1.0   | 1.0   |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 0.133         | 0.133             | 0.117 | 0.278 | 0.491 | -3.764 | 0.686 | 0.714  | -0.328 | 0.68  | 0.707 |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 0.133         | 0.133             | 0.117 | 0.278 | 0.491 | -3.764 | 0.686 | 0.714  | -0.328 | 0.68  | 0.707 |
| 8 | 2   | FRS06  | 0.0     | 1.0     | 0.599   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 44.5          | 56.9           | 196.5       | -54.5      | -16.0       | 0.149         | 0.149             | 0.075 | 0.16  | 0.268 | -1.757 | 0.525 | 0.542  | -0.2   | 0.521 | 0.537 |

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system FRS06 for output; 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)

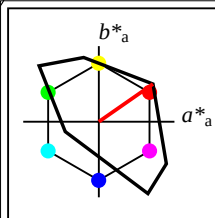
| n  | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |       |       |        |        |       |       |        |
|----|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|---------------|-------------------|-------|-------|-------|-------|-------|--------|--------|-------|-------|--------|
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{sRGB}$     | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |       |       |        |        |       |       |        |
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{sRGB}$     | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |       |       |        |        |       |       |        |
| n  | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{sRGB}$     | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |       |       |        |        |       |       |        |
| 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  |
| 9  | 5   | NRS18  | 0.5     | 0.07    | 0.0     | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 28.4          | 38.7           | 34.9        | 31.8       | 22.1        | 8.4           | 5.6               | 2.2           | 0.52              | 0.52  | 0.095 | 0.063 | 0.025 | 0.483 | 0.18   | 0.145  | 0.422 | 0.194 | 0.164  |
| 9  | 5   | NRS18  | 0.5     | 0.07    | 0.0     | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 28.4          | 38.7           | 34.9        | 31.8       | 22.1        | 8.4           | 5.6               | 2.2           | 0.52              | 0.52  | 0.095 | 0.063 | 0.025 | 0.483 | 0.18   | 0.145  | 0.422 | 0.194 | 0.164  |
| 9  | 2   | FRS06  | 0.5     | 0.0     | 0.016   | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 16.3          | 39.0           | 34.9        | 32.0       | 22.3        | 3.8           | 2.2               | 0.4           | 0.598             | 0.598 | 0.043 | 0.024 | 0.005 | 0.349 | 0.052  | 0.03   | 0.304 | 0.083 | 0.064  |
| 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   |
| 10 | 5   | NRS18  | 0.495   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 28.4          | 38.7           | 328.1       | 32.8       | -20.4       | 8.5           | 5.6               | 12.4          | 0.322             | 0.322 | 0.096 | 0.063 | 0.14  | 0.418 | 0.192  | 0.411  | 0.371 | 0.205 | 0.404  |
| 10 | 5   | NRS18  | 0.495   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 28.4          | 38.7           | 328.1       | 32.8       | -20.4       | 8.5           | 5.6               | 12.4          | 0.322             | 0.322 | 0.096 | 0.063 | 0.14  | 0.418 | 0.192  | 0.411  | 0.371 | 0.205 | 0.404  |
| 10 | 2   | FRS06  | 0.318   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 12.8          | 42.8           | 328.1       | 36.3       | -22.5       | 3.1           | 1.5               | 5.2           | 0.32              | 0.32  | 0.036 | 0.017 | 0.058 | 0.271 | 0.006  | 0.272  | 0.238 | 0.031 | 0.273  |
| 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  |
| 11 | 5   | NRS18  | 0.782   | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 56.7          | 77.4           | 316.2       | 55.9       | -53.5       | 38.3          | 24.6              | 78.0          | 0.272             | 0.272 | 0.432 | 0.278 | 0.88  | 0.757 | 0.409  | 0.954  | 0.675 | 0.408 | 0.937  |
| 11 | 5   | NRS18  | 0.782   | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 56.7          | 77.4           | 316.2       | 55.9       | -53.5       | 38.3          | 24.6              | 78.0          | 0.272             | 0.272 | 0.432 | 0.278 | 0.88  | 0.757 | 0.409  | 0.954  | 0.675 | 0.408 | 0.937  |
| 11 | 2   | FRS06  | 0.164   | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 14.1          | 83.1           | 316.2       | 60.0       | -57.4       | 5.2           | 1.8               | 17.9          | 0.21              | 0.21  | 0.059 | 0.02  | 0.202 | 0.271 | -0.146 | 0.498  | 0.23  | -0.13 | 0.485  |
| 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  |
| 12 | 5   | NRS18  | 0.422   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 28.4          | 38.7           | 103.3       | -8.8       | 37.7        | 4.6           | 5.6               | 0.8           | 0.42              | 0.42  | 0.052 | 0.063 | 0.009 | 0.287 | 0.29   | -0.007 | 0.293 | 0.295 | 0.062  |
| 12 | 5   | NRS18  | 0.422   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 28.4          | 38.7           | 103.3       | -8.8       | 37.7        | 4.6           | 5.6               | 0.8           | 0.42              | 0.42  | 0.052 | 0.063 | 0.009 | 0.287 | 0.29   | -0.007 | 0.293 | 0.295 | 0.062  |
| 12 | 2   | FRS06  | 0.387   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 36.5          | 52.8           | 103.3       | -12.0      | 51.4        | 7.5           | 9.3               | 0.8           | 0.426             | 0.426 | 0.084 | 0.105 | 0.009 | 0.362 | 0.373  | -0.09  | 0.366 | 0.374 | -0.059 |
| 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  |
| 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         | 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  |
| 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         | 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  |
| 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 | 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  |
| 14 | 5   | NRS18  | 0.786   | 0.5     | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 76.1          | 38.7           | 304.3       | 21.8       | -31.9       | 55.8          | 50.0              | 94.4          | 0.279             | 0.279 | 0.63  | 0.564 | 1.065 | 0.822 | 0.73   | 1.02   | 0.792 | 0.725 | 1.01   |
| 14 | 5   | NRS18  | 0.786   | 0.5     | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 76.1          | 38.7           | 304.3       | 21.8       | -31.9       | 55.8          | 50.0              | 94.4          | 0.279             | 0.279 | 0.63  | 0.564 | 1.065 | 0.822 | 0.73   | 1.02   | 0.792 | 0.725 | 1.01   |
| 14 | 2   | FRS06  | 0.5     | 0.548   | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 52.9          | 39.2           | 304.3       | 22.1       | -32.3       | 24.7          | 20.9              | 47.0          | 0.266             | 0.266 | 0.279 | 0.236 | 0.531 | 0.561 | 0.479  | 0.754  | 0.535 | 0.476 | 0.739  |
| 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  |
| 15 | 5   | NRS18  | 0.603   | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 56.7          | 77.4           | 120.1       | -38.7      | 67.0        | 15.7          | 24.6              | 2.7           | 0.366             | 0.366 | 0.178 | 0.278 | 0.031 | 0.401 | 0.627  | -0.186 | 0.476 | 0.621 | 0.033  |
| 15 | 5   | NRS18  | 0.603   | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 56.7          | 77.4           | 120.1       | -38.7      | 67.0        | 15.7          | 24.6              | 2.7           | 0.366             | 0.366 | 0.178 | 0.278 | 0.031 | 0.401 | 0.627  | -0.186 | 0.476 | 0.621 | 0.033  |
| 15 | 2   | FRS06  | 0.451   | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 58.9          | 93.7           | 120.1       | -46.8      | 81.0        | 16.0          | 27.0              | 1.5           | 0.36              | 0.36  | 0.181 | 0.304 | 0.017 | 0.364 | 0.663  | -0.437 | 0.471 | 0.657 | -0.152 |
| 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  |
| 16 | 5   | NRS18  | 0.681   | 1.0     | 0.5     | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 76.1          | 38.7           | 136.9       | -28.2      | 26.4        | 38.1          | 50.0              | 31.5          | 0.318             | 0.318 | 0.43  | 0.564 | 0.356 | 0.624 | 0.831  | 0.57   | 0.685 | 0.826 | 0.578  |
| 16 | 5   | NRS18  | 0.681   | 1.0     | 0.5     | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 76.1          | 38.7           | 136.9       | -28.2      | 26.4        | 38.1          | 50.0              | 31.5          | 0.318             | 0.318 | 0.43  | 0.564 | 0.356 | 0.624 | 0.831  | 0.57   | 0.685 | 0.826 | 0.578  |
| 16 | 2   | FRS06  | 0.563   | 1.0     | 0.5     | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 68.4          | 40.8           | 136.9       | -29.7      | 27.9        | 28.4          | 38.6              | 22.2          | 0.318             | 0.318 | 0.32  | 0.435 | 0.25  | 0.531 | 0.746  | 0.477  | 0.597 | 0.741 | 0.489  |
| 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    |
| 17 | 5   | NRS18  | 0.5     | 1.0     | 0.813   | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 76.1          | 38.7           | 196.5       | -37.0      | -10.9       | 35.4          | 50.0              | 66.5          | 0.233             | 0.233 | 0.399 | 0.564 | 0.751 | 0.255 | 0.856  | 0.855  | 0.521 | 0.852 | 0.851  |
| 17 | 5   | NRS18  | 0.5     | 1.0     | 0.813   | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 76.1          | 38.7           | 196.5       | -37.0      | -10.9       | 35.4          | 50.0              | 66.5          | 0.233             | 0.233 | 0.399 | 0.564 | 0.751 | 0.255 | 0.856  | 0.855  | 0.521 | 0.852 | 0.851  |
| 17 | 2   | FRS06  | 0.5     | 1.0     | 0.799   | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 68.2          | 28.5           | 196.5       | -27.2      | -8.0        | 28.8          | 38.3              | 49.0          | 0.248             | 0.248 | 0.325 | 0.432 | 0.553 | 0.37  | 0.748  | 0.745  | 0.511 | 0.742 | 0.739  |

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system FRS06 for output; 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  | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
|----|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|--------|
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| n  | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| 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  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 18 | 2   | FRS06  | 1.0     | 0.0     | 0.031   | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 32.6          | 78.1           | 34.9        | 64.1       | 44.6        | 15.6          | 7.4               | 0.8  | 0.656 | 0.656 | 0.176 | 0.083 | 0.009 | 0.693 | -0.18  | 0.033  | 0.586 | -0.143 | 0.057  |
| 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  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 19 | 2   | FRS06  | 1.0     | 0.0     | 0.592   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 33.7          | 83.5           | 1.5         | 83.5       | 2.1         | 20.1          | 7.9               | 7.9  | 0.559 | 0.559 | 0.227 | 0.089 | 0.09  | 0.769 | -0.634 | 0.331  | 0.645 | -0.253 | 0.324  |
| 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  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 20 | 2   | FRS06  | 0.636   | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 25.6          | 85.6           | 328.1       | 72.6       | -45.2       | 12.2          | 4.6               | 21.9 | 0.315 | 0.315 | 0.138 | 0.052 | 0.247 | 0.53  | -0.323 | 0.545  | 0.442 | -0.186 | 0.529  |
| 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  |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 21 | 2   | FRS06  | 1.0     | 0.589   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 62.1          | 99.1           | 69.1        | 35.4       | 92.6        | 39.2          | 30.6              | 1.0  | 0.554 | 0.554 | 0.443 | 0.345 | 0.011 | 0.954 | 0.505  | -0.433 | 0.853 | 0.501  | -0.18  |
| 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  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 22 | 2   | FRS06  | 1.0     | 0.5     | 0.516   | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 62.3          | 39.0           | 34.9        | 32.0       | 22.3        | 38.4          | 30.8              | 19.5 | 0.433 | 0.433 | 0.433 | 0.347 | 0.22  | 0.886 | 0.528  | 0.468  | 0.8   | 0.523  | 0.468  |
| 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  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 23 | 2   | FRS06  | 0.818   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 58.8          | 42.8           | 328.1       | 36.3       | -22.5       | 35.1          | 26.8              | 47.4 | 0.321 | 0.321 | 0.396 | 0.303 | 0.536 | 0.769 | 0.491  | 0.752  | 0.698 | 0.488  | 0.738  |
| 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  |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 24 | 2   | FRS06  | 0.775   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 73.0          | 105.7          | 103.3       | -24.1      | 102.9       | 35.3          | 45.1              | 1.8  | 0.429 | 0.429 | 0.398 | 0.509 | 0.02  | 0.733 | 0.78   | -0.784 | 0.742 | 0.775  | -0.216 |
| 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  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 25 | 2   | FRS06  | 0.887   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 82.5          | 52.8           | 103.3       | -12.0      | 51.4        | 53.3          | 61.2              | 22.6 | 0.389 | 0.389 | 0.602 | 0.691 | 0.255 | 0.887 | 0.867  | 0.439  | 0.878 | 0.863  | 0.464  |
| 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    |
| 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         | 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    |
| 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         | 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    |
| 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  |

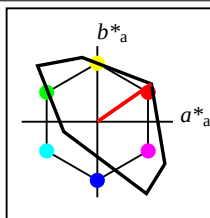
YE530-7, Colour Management Workflow: Device Colour Input Data of the Colour Space TLS18 -> Device Colour Output Data of Output Space FRS06, page 12/32

BAM-test chart YE53; Colorimetric workflow TLS18->FRS06 input:  $olv^*$  *setrgbcolor*  
D65: 3x3x3=27 colours; Device and sample data; page 12/32 output:  $olv^*$  (*TRI9*) *setrgbcolor*



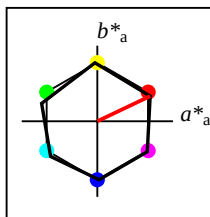
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>M</sub>   | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>M</sub>   | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>M</sub>   | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>M</sub>   | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>M</sub>   | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>M</sub>   | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>M</sub>   | 18.01       | 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          |



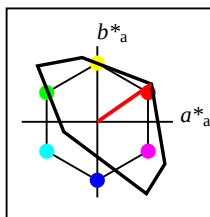
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>             | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>             | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>             | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>             | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>             | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>             | 18.01       | 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          |



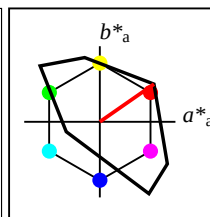
%Gamut  
 $u^*_{rel} = 100$   
%Regularity  
 $g^*_{H,rel} = 78$   
 $g^*_{C,rel} = 100$

| NRS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| Y <sub>Ma</sub>             | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| L <sub>Ma</sub>             | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| C <sub>Ma</sub>             | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| V <sub>Ma</sub>             | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| M <sub>Ma</sub>             | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| N <sub>Ma</sub>             | 18.01       | 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          |



%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 <sub>Ma</sub>             | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>             | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>             | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>             | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>             | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>             | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>             | 18.01       | 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          |



%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 <sub>M</sub>   | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>M</sub>   | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>M</sub>   | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>M</sub>   | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>M</sub>   | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>M</sub>   | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>M</sub>   | 18.01       | 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          |



Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system TLS18 for output; 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 | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |
|---|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|---------------|-------------------|-------|-------|
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |
| n | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |
| 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        | 0.0         | 0.184         | 0.184             | 0.184         | 0.198             | 0.198 | 0.198 |
| 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         | 0.184         | 0.184             | 0.184         | 0.198             | 0.198 | 0.198 |
| 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         | 0.184         | 0.184             | 0.184         | 0.198             | 0.198 | 0.198 |
| 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        | 0.0         | 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       | 0.166         | 0.117             | 0.472         | 0.17              | 0.138 | 0.46  |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 0.302         | 0.238             | 0.483         | 0.291             | 0.247 | 0.473 |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 0.302         | 0.238             | 0.483         | 0.291             | 0.247 | 0.473 |
| 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       | 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       | 0.185         | 0.185             | 1.0           | 0.199             | 0.198 | 0.981 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 0.601         | 0.469             | 1.029         | 0.562             | 0.466 | 1.014 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 0.601         | 0.469             | 1.029         | 0.562             | 0.466 | 1.014 |
| 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       | 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        | 0.166         | 0.472             | 0.135         | 0.299             | 0.468 | 0.181 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 0.122         | 0.319             | 0.097         | 0.213             | 0.323 | 0.137 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 0.122         | 0.319             | 0.097         | 0.213             | 0.323 | 0.137 |
| 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        | 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        | 0.168         | 0.471             | 0.469         | 0.3               | 0.467 | 0.466 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | -0.599        | 0.336             | 0.345         | -0.103            | 0.338 | 0.346 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | -0.599        | 0.336             | 0.345         | -0.103            | 0.338 | 0.346 |
| 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        | 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       | -5.403        | 0.699             | 1.171         | -0.448            | 0.693 | 1.163 |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | -4.699        | 0.645             | 1.091         | -0.426            | 0.639 | 1.08  |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | -4.699        | 0.645             | 1.091         | -0.426            | 0.639 | 1.08  |
| 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       | -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        | 0.186         | 1.0               | 0.184         | 0.583             | 1.0   | 0.295 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 0.129         | 0.652             | 0.119         | 0.381             | 0.646 | 0.198 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 0.129         | 0.652             | 0.119         | 0.381             | 0.646 | 0.198 |
| 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        | 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        | -1.766        | 1.022             | 0.736         | 0.482             | 1.022 | 0.745 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | -1.899        | 0.678             | 0.426         | 0.142             | 0.672 | 0.438 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | -1.899        | 0.678             | 0.426         | 0.142             | 0.672 | 0.438 |
| 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        | -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       | 0.187         | 1.0               | 1.0           | 0.583             | 1.0   | 1.0   |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | -3.764        | 0.686             | 0.714         | -0.328            | 0.68  | 0.707 |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | -3.764        | 0.686             | 0.714         | -0.328            | 0.68  | 0.707 |
| 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       | 0.187         | 1.0               | 1.0           | 0.583             | 1.0   | 1.0   |

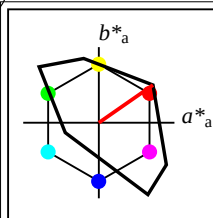


Data of 3x3x3 colors in colorimetric system TLS18 for input; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)  
Data of 3x3x3 colors in colorimetric system TLS18 for output; Six hue angles of the colour 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  | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
|----|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|--------|
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| n  | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| 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  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 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  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 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  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 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  |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 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  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 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  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 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  |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 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  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 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    |
| 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         | 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    |
| 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         | 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    |
| 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    |

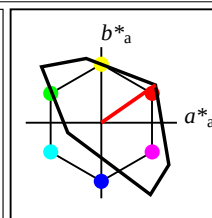
YE530-7, Colour Management Workflow: Device Colour Input Data of the Colour Space TLS18 -> Device Colour Output Data of Output Space TLS18, page 16/32

BAM-test chart YE53; Colorimetric workflow TLS18->TLS18 input:  $olv^*$  *setrgbcolor*  
D65: 3x3x3=27 colours; Device and sample data; page 16/32 output:  $olv^*$  (*TRI9*) *setrgbcolor*



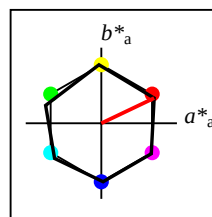
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>M</sub>   | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>M</sub>   | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>M</sub>   | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>M</sub>   | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>M</sub>   | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>M</sub>   | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>M</sub>   | 18.01       | 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          |



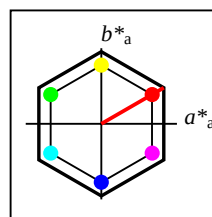
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>             | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>             | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>             | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>             | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>             | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>             | 18.01       | 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          |



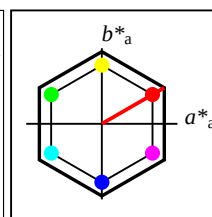
%Gamut  
 $u^*_{rel} = 100$   
%Regularity  
 $g^*_{H,rel} = 78$   
 $g^*_{C,rel} = 100$

| NRS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| Y <sub>Ma</sub>             | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| L <sub>Ma</sub>             | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| C <sub>Ma</sub>             | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| V <sub>Ma</sub>             | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| M <sub>Ma</sub>             | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| N <sub>Ma</sub>             | 18.01       | 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          |



%Gamut  
 $u^*_{rel} = 152$   
%Regularity  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

| 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          |



%Gamut  
 $u^*_{rel} = 152$   
%Regularity  
 $g^*_{H,rel} = 100$   
 $g^*_{C,rel} = 100$

| 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          |

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system NLS00 for output; 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 | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |
|---|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |
| n | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |
| 0 | 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        | 0.0         | 0.0           | 0.0               |
| 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           | 0.0               |
| 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           | 0.0               |
| 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         | 0.328      | 0.328       | 0.0           | 0.006             |
| 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       | 0.313      | 0.188       | 0.184         | 0.198             |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 0.243      | 0.243       | 0.302         | 0.291             |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 0.243      | 0.243       | 0.302         | 0.291             |
| 1 | 4   | NLS00  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 25.0          | 47.7           | 304.3       | 0.221      | 0.221       | 0.262         | 0.254             |
| 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       | 0.161      | 0.161       | 0.185         | 0.199             |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 0.228      | 0.228       | 0.601         | 0.562             |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 0.228      | 0.228       | 0.601         | 0.562             |
| 2 | 4   | NLS00  | 0.572   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 50.0          | 95.4           | 304.3       | 0.203      | 0.203       | 0.496         | 0.462             |
| 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       | 0.308      | 0.308       | 0.166         | 0.299             |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | 0.311      | 0.311       | 0.122         | 0.213             |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | 0.311      | 0.311       | 0.122         | 0.213             |
| 3 | 4   | NLS00  | 0.109   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 19.4          | 47.7           | 136.9       | 0.3        | 0.3         | -0.054        | 0.125             |
| 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       | 0.239      | 0.239       | 0.168         | 0.469             |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | 0.159      | 0.159       | -0.599        | 0.336             |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | 0.159      | 0.159       | -0.599        | 0.336             |
| 4 | 4   | NLS00  | 0.0     | 0.5     | 0.387   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.2          | 47.7           | 196.5       | 0.131      | 0.131       | -0.864        | 0.343             |
| 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       | 0.124      | 0.124       | -5.403        | 0.699             |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | 0.121      | 0.121       | -4.699        | 0.645             |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | 0.121      | 0.121       | -4.699        | 0.645             |
| 5 | 4   | NLS00  | 0.0     | 0.327   | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 42.2          | 95.4           | 250.4       | 0.07       | 0.07        | -5.875        | 0.511             |
| 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       | 0.301      | 0.301       | 0.186         | 0.583             |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | 0.302      | 0.302       | 0.129         | 0.381             |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | 0.302      | 0.302       | 0.129         | 0.381             |
| 6 | 4   | NLS00  | 0.218   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 38.8          | 95.4           | 136.9       | 0.248      | 0.248       | -0.71         | 0.467             |
| 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       | 0.232      | 0.232       | -1.766        | 1.022             |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | 0.198      | 0.198       | -1.899        | 0.678             |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | 0.198      | 0.198       | -1.899        | 0.678             |
| 7 | 4   | NLS00  | 0.0     | 1.0     | 0.278   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 40.6          | 95.4           | 166.7       | 0.131      | 0.131       | -1.793        | 0.507             |
| 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       | 0.228      | 0.228       | 0.187         | 1.0               |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | 0.133      | 0.133       | -3.764        | 0.686             |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | 0.133      | 0.133       | -3.764        | 0.686             |
| 8 | 4   | NLS00  | 0.0     | 1.0     | 0.774   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.4          | 95.4           | 196.5       | 0.102      | 0.102       | -5.062        | 0.7               |



Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system NLS00 for output; 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)

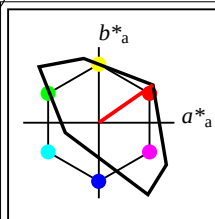
| n  | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{sRGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ |       |       |        |        |       |        |        |
|----|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|---------------|---------------|-------------------|-------------------|-------------------|-------------------|-------|-------|--------|--------|-------|--------|--------|
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{sRGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ |       |       |        |        |       |        |        |
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{sRGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ |       |       |        |        |       |        |        |
| n  | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{sRGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ | $RGB'_{AdobeRGB}$ |       |       |        |        |       |        |        |
| 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  |
| 9  | 5   | NRS18  | 0.5     | 0.07    | 0.0     | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 28.4          | 38.7           | 34.9        | 31.8       | 22.1        | 8.4           | 5.6           | 2.2           | 0.52              | 0.52              | 0.095             | 0.063             | 0.025 | 0.483 | 0.18   | 0.145  | 0.422 | 0.194  | 0.164  |
| 9  | 5   | NRS18  | 0.5     | 0.07    | 0.0     | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 28.4          | 38.7           | 34.9        | 31.8       | 22.1        | 8.4           | 5.6           | 2.2           | 0.52              | 0.52              | 0.095             | 0.063             | 0.025 | 0.483 | 0.18   | 0.145  | 0.422 | 0.194  | 0.164  |
| 9  | 4   | NLS00  | 0.5     | 0.04    | 0.0     | 0.028 | 0.25  | 0.5   | 0.097 | 0.5   | 0.0   | 17.2          | 47.7           | 34.9        | 39.1       | 27.3        | 4.6           | 2.3           | 0.2           | 0.647             | 0.647             | 0.052             | 0.026             | 0.002 | 0.391 | -0.007 | -0.006 | 0.335 | -0.034 | -0.031 |
| 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   |
| 10 | 5   | NRS18  | 0.495   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 28.4          | 38.7           | 328.1       | 32.8       | -20.4       | 8.5           | 5.6           | 12.4          | 0.322             | 0.322             | 0.096             | 0.063             | 0.14  | 0.418 | 0.192  | 0.411  | 0.371 | 0.205  | 0.404  |
| 10 | 5   | NRS18  | 0.495   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 28.4          | 38.7           | 328.1       | 32.8       | -20.4       | 8.5           | 5.6           | 12.4          | 0.322             | 0.322             | 0.096             | 0.063             | 0.14  | 0.418 | 0.192  | 0.411  | 0.371 | 0.205  | 0.404  |
| 10 | 4   | NLS00  | 0.484   | 0.0     | 0.5     | 0.842 | 0.25  | 0.5   | 0.911 | 0.5   | 0.0   | 31.3          | 47.7           | 328.1       | 40.5       | -25.1       | 11.1          | 6.8           | 16.6          | 0.322             | 0.322             | 0.125             | 0.076             | 0.187 | 0.479 | 0.19   | 0.472  | 0.419 | 0.203  | 0.461  |
| 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  |
| 11 | 5   | NRS18  | 0.782   | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 56.7          | 77.4           | 316.2       | 55.9       | -53.5       | 38.3          | 24.6          | 78.0          | 0.272             | 0.272             | 0.432             | 0.278             | 0.88  | 0.757 | 0.409  | 0.954  | 0.675 | 0.408  | 0.937  |
| 11 | 5   | NRS18  | 0.782   | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 56.7          | 77.4           | 316.2       | 55.9       | -53.5       | 38.3          | 24.6          | 78.0          | 0.272             | 0.272             | 0.432             | 0.278             | 0.88  | 0.757 | 0.409  | 0.954  | 0.675 | 0.408  | 0.937  |
| 11 | 4   | NLS00  | 0.77    | 0.0     | 1.0     | 0.808 | 0.5   | 1.0   | 0.878 | 0.0   | 0.0   | 56.3          | 95.4           | 316.2       | 68.9       | -65.9       | 41.9          | 24.2          | 94.4          | 0.261             | 0.261             | 0.473             | 0.273             | 1.065 | 0.786 | 0.347  | 1.041  | 0.691 | 0.349  | 1.025  |
| 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  |
| 12 | 5   | NRS18  | 0.422   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 28.4          | 38.7           | 103.3       | -8.8       | 37.7        | 4.6           | 5.6           | 0.8           | 0.42              | 0.42              | 0.052             | 0.063             | 0.009 | 0.287 | 0.29   | -0.007 | 0.293 | 0.295  | 0.062  |
| 12 | 5   | NRS18  | 0.422   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 28.4          | 38.7           | 103.3       | -8.8       | 37.7        | 4.6           | 5.6           | 0.8           | 0.42              | 0.42              | 0.052             | 0.063             | 0.009 | 0.287 | 0.29   | -0.007 | 0.293 | 0.295  | 0.062  |
| 12 | 4   | NLS00  | 0.389   | 0.5     | 0.0     | 0.217 | 0.25  | 0.5   | 0.287 | 0.5   | 0.0   | 28.3          | 47.7           | 103.3       | -10.8      | 46.4        | 4.4           | 5.6           | 0.2           | 0.436             | 0.436             | 0.05              | 0.063             | 0.002 | 0.282 | 0.292  | -0.103 | 0.291 | 0.297  | -0.088 |
| 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  |
| 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         | 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  |
| 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         | 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  |
| 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 | 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  |
| 14 | 5   | NRS18  | 0.786   | 0.5     | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 76.1          | 38.7           | 304.3       | 21.8       | -31.9       | 55.8          | 50.0          | 94.4          | 0.279             | 0.279             | 0.63              | 0.564             | 1.065 | 0.822 | 0.73   | 1.02   | 0.792 | 0.725  | 1.01   |
| 14 | 5   | NRS18  | 0.786   | 0.5     | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 76.1          | 38.7           | 304.3       | 21.8       | -31.9       | 55.8          | 50.0          | 94.4          | 0.279             | 0.279             | 0.63              | 0.564             | 1.065 | 0.822 | 0.73   | 1.02   | 0.792 | 0.725  | 1.01   |
| 14 | 4   | NLS00  | 0.786   | 0.5     | 1.0     | 0.775 | 0.75  | 0.5   | 0.845 | 0.0   | 0.5   | 72.7          | 47.7           | 304.3       | 26.9       | -39.3       | 52.1          | 44.7          | 96.9          | 0.269             | 0.269             | 0.588             | 0.505             | 1.093 | 0.789 | 0.682  | 1.037  | 0.755 | 0.676  | 1.026  |
| 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  |
| 15 | 5   | NRS18  | 0.603   | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 56.7          | 77.4           | 120.1       | -38.7      | 67.0        | 15.7          | 24.6          | 2.7           | 0.366             | 0.366             | 0.178             | 0.278             | 0.031 | 0.401 | 0.627  | -0.186 | 0.476 | 0.621  | 0.033  |
| 15 | 5   | NRS18  | 0.603   | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 56.7          | 77.4           | 120.1       | -38.7      | 67.0        | 15.7          | 24.6          | 2.7           | 0.366             | 0.366             | 0.178             | 0.278             | 0.031 | 0.401 | 0.627  | -0.186 | 0.476 | 0.621  | 0.033  |
| 15 | 4   | NLS00  | 0.499   | 1.0     | 0.0     | 0.264 | 0.5   | 1.0   | 0.334 | 0.0   | 0.0   | 47.7          | 95.4           | 120.1       | -47.7      | 82.6        | 8.9           | 16.5          | 0.0           | 0.349             | 0.349             | 0.1               | 0.187             | 0.0   | 0.212 | 0.54   | -0.423 | 0.349 | 0.536  | -0.172 |
| 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  |
| 16 | 5   | NRS18  | 0.681   | 1.0     | 0.5     | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 76.1          | 38.7           | 136.9       | -28.2      | 26.4        | 38.1          | 50.0          | 31.5          | 0.318             | 0.318             | 0.43              | 0.564             | 0.356 | 0.624 | 0.831  | 0.57   | 0.685 | 0.826  | 0.578  |
| 16 | 5   | NRS18  | 0.681   | 1.0     | 0.5     | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 76.1          | 38.7           | 136.9       | -28.2      | 26.4        | 38.1          | 50.0          | 31.5          | 0.318             | 0.318             | 0.43              | 0.564             | 0.356 | 0.624 | 0.831  | 0.57   | 0.685 | 0.826  | 0.578  |
| 16 | 4   | NLS00  | 0.609   | 1.0     | 0.5     | 0.311 | 0.75  | 0.5   | 0.38  | 0.0   | 0.5   | 67.1          | 47.7           | 136.9       | -34.7      | 32.6        | 25.7          | 36.7          | 18.4          | 0.318             | 0.318             | 0.29              | 0.415             | 0.208 | 0.483 | 0.739  | 0.426  | 0.566 | 0.733  | 0.442  |
| 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    |
| 17 | 5   | NRS18  | 0.5     | 1.0     | 0.813   | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 76.1          | 38.7           | 196.5       | -37.0      | -10.9       | 35.4          | 50.0          | 66.5          | 0.233             | 0.233             | 0.399             | 0.564             | 0.751 | 0.255 | 0.856  | 0.855  | 0.521 | 0.852  | 0.851  |
| 17 | 5   | NRS18  | 0.5     | 1.0     | 0.813   | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 76.1          | 38.7           | 196.5       | -37.0      | -10.9       | 35.4          | 50.0          | 66.5          | 0.233             | 0.233             | 0.399             | 0.564             | 0.751 | 0.255 | 0.856  | 0.855  | 0.521 | 0.852  | 0.851  |
| 17 | 4   | NLS00  | 0.5     | 1.0     | 0.887   | 0.475 | 0.75  | 0.5   | 0.546 | 0.0   | 0.5   | 75.9          | 47.7           | 196.5       | -45.6      | -13.4       | 32.7          | 49.8          | 69.3          | 0.216             | 0.216             | 0.369             | 0.562             | 0.782 | -0.7  |        |        |       |        |        |

YE530-7, Colour Management Workflow: Device Colour Input Data of the Colour Space TLS18 -> Device Colour Output Data of Output Space NLS00, page 19/32

BAM-test chart YE53; Colorimetric workflow TLS18->NLS00 input:  $olv^*$  *setrgbcolor*  
D65: 3x3x3=27 colours; Device and sample data; page 19/32 output:  $olv^*$  (*TRI9*) *setrgbcolor*

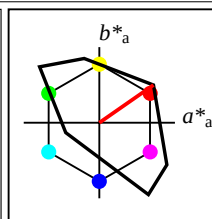
Data of 3x3x3 colors in colorimetric system TLS18 for input; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)  
Data of 3x3x3 colors in colorimetric system NLS00 for output; Six hue angles of the colour 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  | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
|----|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|--------|
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| n  | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| 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  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 18 | 4   | NLS00  | 1.0     | 0.081   | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 34.4          | 95.4           | 34.9        | 78.3       | 54.5        | 19.6          | 8.2               | 0.3  | 0.697 | 0.697 | 0.221 | 0.092 | 0.004 | 0.782 | -0.526 | -0.032 | 0.658 | -0.233 | -0.082 |
| 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  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 19 | 4   | NLS00  | 1.0     | 0.0     | 0.476   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 46.9          | 95.4           | 1.5         | 95.4       | 2.4         | 37.5          | 16.0              | 16.3 | 0.538 | 0.538 | 0.423 | 0.18  | 0.183 | 1.001 | -0.826 | 0.462  | 0.849 | -0.286 | 0.447  |
| 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  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 20 | 4   | NLS00  | 0.968   | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 62.6          | 95.4           | 328.1       | 81.0       | -50.4       | 56.2          | 31.1              | 87.5 | 0.322 | 0.322 | 0.634 | 0.351 | 0.988 | 1.01  | 0.322  | 1.003  | 0.881 | 0.325  | 0.986  |
| 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  |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 21 | 4   | NLS00  | 1.0     | 0.651   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 52.5          | 95.4           | 69.1        | 34.1       | 89.1        | 27.2          | 20.6              | 0.1  | 0.568 | 0.568 | 0.307 | 0.233 | 0.001 | 0.819 | 0.409  | -0.376 | 0.726 | 0.408  | -0.176 |
| 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  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 22 | 4   | NLS00  | 1.0     | 0.54    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 64.9          | 47.7           | 34.9        | 39.1       | 27.3        | 44.4          | 33.9              | 19.2 | 0.455 | 0.455 | 0.501 | 0.383 | 0.217 | 0.967 | 0.529  | 0.46   | 0.867 | 0.524  | 0.461  |
| 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  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 23 | 4   | NLS00  | 0.984   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 79.0          | 47.7           | 328.1       | 40.5       | -25.1       | 69.3          | 54.9              | 91.9 | 0.321 | 0.321 | 0.782 | 0.62  | 1.038 | 1.027 | 0.7    | 1.006  | 0.948 | 0.694  | 0.996  |
| 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  |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 24 | 4   | NLS00  | 0.779   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.6          | 95.4           | 103.3       | -21.8      | 92.9        | 18.7          | 24.5              | 0.3  | 0.43  | 0.43  | 0.211 | 0.276 | 0.004 | 0.545 | 0.596  | -0.525 | 0.555 | 0.59   | -0.19  |
| 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  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 25 | 4   | NLS00  | 0.889   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.0          | 47.7           | 103.3       | -10.8      | 46.4        | 43.6          | 49.9              | 19.2 | 0.387 | 0.387 | 0.492 | 0.563 | 0.217 | 0.81  | 0.791  | 0.413  | 0.8   | 0.786  | 0.435  |
| 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    |
| 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         | 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    |
| 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         | 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    |
| 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    |



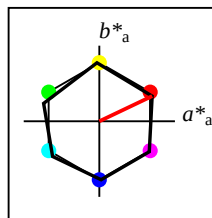
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>M</sub>   | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>M</sub>   | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>M</sub>   | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>M</sub>   | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>M</sub>   | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>M</sub>   | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>M</sub>   | 18.01       | 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          |



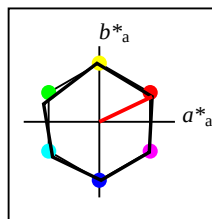
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>             | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>             | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>             | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>             | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>             | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>             | 18.01       | 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          |



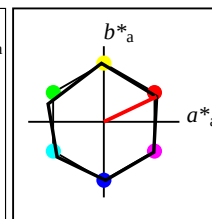
%Gamut  
 $u^*_{rel} = 100$   
%Regularity  
 $g^*_{H,rel} = 78$   
 $g^*_{C,rel} = 100$

| NRS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| Y <sub>Ma</sub>             | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| L <sub>Ma</sub>             | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| C <sub>Ma</sub>             | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| V <sub>Ma</sub>             | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| M <sub>Ma</sub>             | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| N <sub>Ma</sub>             | 18.01       | 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          |



%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 <sub>Ma</sub>             | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| Y <sub>Ma</sub>             | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| L <sub>Ma</sub>             | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| C <sub>Ma</sub>             | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| V <sub>Ma</sub>             | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| M <sub>Ma</sub>             | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| N <sub>Ma</sub>             | 18.01       | 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          |



%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 <sub>M</sub>   | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| Y <sub>M</sub>   | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| L <sub>M</sub>   | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| C <sub>M</sub>   | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| V <sub>M</sub>   | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| M <sub>M</sub>   | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| N <sub>M</sub>   | 18.01       | 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          |

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system NRS18 for output; 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 | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |       |       |       |        |       |       |        |       |       |
|---|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |       |       |       |        |       |       |        |       |       |
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |       |       |       |        |       |       |        |       |       |
| n | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |       |       |       |        |       |       |        |       |       |
| 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        | 0.0         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198 |       |       |        |       |       |        |       |       |
| 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         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198 |       |       |        |       |       |        |       |       |
| 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         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198 |       |       |        |       |       |        |       |       |
| 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         | 0.184         | 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  |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 7.3           | 5.6               | 17.4  | 0.243 | 0.243 | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483 | 0.291  | 0.247 | 0.473 |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 7.3           | 5.6               | 17.4  | 0.243 | 0.243 | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483 | 0.291  | 0.247 | 0.473 |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 7.3           | 5.6               | 17.4  | 0.243 | 0.243 | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483 | 0.291  | 0.247 | 0.473 |
| 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 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 34.6          | 24.6              | 92.3  | 0.228 | 0.228 | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029 | 0.562  | 0.466 | 1.014 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 34.6          | 24.6              | 92.3  | 0.228 | 0.228 | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029 | 0.562  | 0.466 | 1.014 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 34.6          | 24.6              | 92.3  | 0.228 | 0.228 | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029 | 0.562  | 0.466 | 1.014 |
| 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 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 3.3           | 5.6               | 1.7   | 0.311 | 0.311 | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097 | 0.213  | 0.323 | 0.137 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 3.3           | 5.6               | 1.7   | 0.311 | 0.311 | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097 | 0.213  | 0.323 | 0.137 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 3.3           | 5.6               | 1.7   | 0.311 | 0.311 | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097 | 0.213  | 0.323 | 0.137 |
| 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 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 2.8           | 5.6               | 9.1   | 0.159 | 0.159 | 0.031 | 0.063 | 0.103 | -0.599 | 0.336 | 0.345 | -0.103 | 0.338 | 0.346 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 2.8           | 5.6               | 9.1   | 0.159 | 0.159 | 0.031 | 0.063 | 0.103 | -0.599 | 0.336 | 0.345 | -0.103 | 0.338 | 0.346 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 2.8           | 5.6               | 9.1   | 0.159 | 0.159 | 0.031 | 0.063 | 0.103 | -0.599 | 0.336 | 0.345 | -0.103 | 0.338 | 0.346 |
| 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 |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 18.1          | 24.6              | 106.1 | 0.121 | 0.121 | 0.204 | 0.278 | 1.197 | -4.699 | 0.645 | 1.091 | -0.426 | 0.639 | 1.08  |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 18.1          | 24.6              | 106.1 | 0.121 | 0.121 | 0.204 | 0.278 | 1.197 | -4.699 | 0.645 | 1.091 | -0.426 | 0.639 | 1.08  |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 18.1          | 24.6              | 106.1 | 0.121 | 0.121 | 0.204 | 0.278 | 1.197 | -4.699 | 0.645 | 1.091 | -0.426 | 0.639 | 1.08  |
| 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 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 12.9          | 24.6              | 5.2   | 0.302 | 0.302 | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119 | 0.381  | 0.646 | 0.198 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 12.9          | 24.6              | 5.2   | 0.302 | 0.302 | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119 | 0.381  | 0.646 | 0.198 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 12.9          | 24.6              | 5.2   | 0.302 | 0.302 | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119 | 0.381  | 0.646 | 0.198 |
| 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 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 10.3          | 24.6              | 16.9  | 0.198 | 0.198 | 0.116 | 0.278 | 0.191 | -1.899 | 0.678 | 0.426 | 0.142  | 0.672 | 0.438 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 10.3          | 24.6              | 16.9  | 0.198 | 0.198 | 0.116 | 0.278 | 0.191 | -1.899 | 0.678 | 0.426 | 0.142  | 0.672 | 0.438 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 10.3          | 24.6              | 16.9  | 0.198 | 0.198 | 0.116 | 0.278 | 0.191 | -1.899 | 0.678 | 0.426 | 0.142  | 0.672 | 0.438 |
| 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   |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 10.4          | 24.6              | 43.5  | 0.133 | 0.133 | 0.117 | 0.278 | 0.491 | -3.764 | 0.686 | 0.714 | -0.328 | 0.68  | 0.707 |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 10.4          | 24.6              | 43.5  | 0.133 | 0.133 | 0.117 | 0.278 | 0.491 | -3.764 | 0.686 | 0.714 | -0.328 | 0.68  | 0.707 |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 10.4          | 24.6              | 43.5  | 0.133 | 0.133 | 0.117 | 0.278 | 0.491 | -3.764 | 0.686 | 0.714 | -0.328 | 0.68  | 0.707 |

Version 2.1, io=1,1, CIE LAB

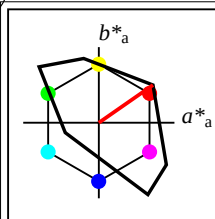


Data of 3x3x3 colors in colorimetric system TLS18 for input; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)  
Data of 3x3x3 colors in colorimetric system NRS18 for output; Six hue angles of the colour 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  | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
|----|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|--------|
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| n  | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| 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  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 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  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 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  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 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  |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 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  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 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  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 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  |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 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  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 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    |
| 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         | 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    |
| 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         | 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    |
| 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         | 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    |

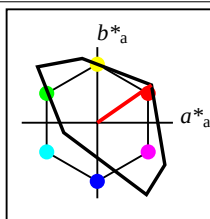
YE530-7, Colour Management Workflow: Device Colour Input Data of the Colour Space TLS18 -> Device Colour Output Data of Output Space NRS18, page 24/32

BAM-test chart YE53; Colorimetric workflow TLS18->NRS18 input:  $olv^*$  *setrgbcolor*  
D65: 3x3x3=27 colours; Device and sample data; page 24/32 output:  $olv^*$  (*TRI9*) *setrgbcolor*



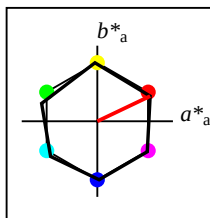
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>M</sub>   | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>M</sub>   | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>M</sub>   | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>M</sub>   | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>M</sub>   | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>M</sub>   | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>M</sub>   | 18.01       | 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          |



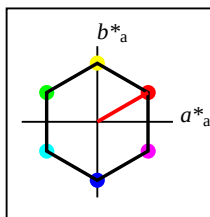
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>             | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>             | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>             | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>             | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>             | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>             | 18.01       | 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          |



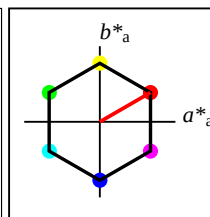
%Gamut  
 $u^*_{rel} = 100$   
%Regularity  
 $g^*_{H,rel} = 78$   
 $g^*_{C,rel} = 100$

| NRS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| Y <sub>Ma</sub>             | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| L <sub>Ma</sub>             | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| C <sub>Ma</sub>             | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| V <sub>Ma</sub>             | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| M <sub>Ma</sub>             | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| N <sub>Ma</sub>             | 18.01       | 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          |



%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 <sub>Ma</sub>             | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>Ma</sub>             | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| L <sub>Ma</sub>             | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| C <sub>Ma</sub>             | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| V <sub>Ma</sub>             | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| M <sub>Ma</sub>             | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| N <sub>Ma</sub>             | 18.01       | 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          |



%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 <sub>M</sub>   | 56.71       | 67.03   | 38.7    | 77.4         | 30           |
| Y <sub>M</sub>   | 56.71       | 0.0     | 77.4    | 77.4         | 90           |
| L <sub>M</sub>   | 56.71       | -67.02  | 38.7    | 77.4         | 150          |
| C <sub>M</sub>   | 56.71       | -67.02  | -38.69  | 77.4         | 210          |
| V <sub>M</sub>   | 56.71       | 0.0     | -77.39  | 77.4         | 270          |
| M <sub>M</sub>   | 56.71       | 67.03   | -38.69  | 77.4         | 330          |
| N <sub>M</sub>   | 18.01       | 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          |

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system SRS18 for output; 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 | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
|---|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|-------|-------|-------|--------|-------|-------|--------|-------|-------|
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
| n | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
| 0 | 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        | 0.0         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |       |        |       |       |
| 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         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |       |        |       |       |
| 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         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |       |        |       |       |
| 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        | 0.0         | 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       | 0.188         | 0.188             | 0.048 | 0.028 | 0.181 | 0.166  | 0.117 | 0.472 | 0.17   | 0.138 | 0.46  |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 0.243         | 0.243             | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483 | 0.291  | 0.247 | 0.473 |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 0.243         | 0.243             | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483 | 0.291  | 0.247 | 0.473 |
| 1 | 6   | SRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 0.243         | 0.243             | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483 | 0.291  | 0.247 | 0.473 |
| 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       | 0.161         | 0.161             | 0.202 | 0.099 | 0.954 | 0.185  | 0.185 | 1.0   | 0.199  | 0.198 | 0.981 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 0.228         | 0.228             | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029 | 0.562  | 0.466 | 1.014 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 0.228         | 0.228             | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029 | 0.562  | 0.466 | 1.014 |
| 2 | 6   | SRS18  | 0.572   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 0.228         | 0.228             | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029 | 0.562  | 0.466 | 1.014 |
| 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        | 0.161         | 0.308             | 0.08  | 0.141 | 0.038 | 0.166  | 0.472 | 0.135 | 0.299  | 0.468 | 0.181 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 0.311         | 0.311             | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097 | 0.213  | 0.323 | 0.137 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 0.311         | 0.311             | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097 | 0.213  | 0.323 | 0.137 |
| 3 | 6   | SRS18  | 0.109   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 0.311         | 0.311             | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097 | 0.213  | 0.323 | 0.137 |
| 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        | 0.239         | 0.239             | 0.111 | 0.153 | 0.2   | 0.168  | 0.471 | 0.469 | 0.3    | 0.467 | 0.466 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 0.159         | 0.159             | 0.031 | 0.063 | 0.103 | -0.599 | 0.336 | 0.345 | -0.103 | 0.338 | 0.346 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 0.159         | 0.159             | 0.031 | 0.063 | 0.103 | -0.599 | 0.336 | 0.345 | -0.103 | 0.338 | 0.346 |
| 4 | 6   | SRS18  | 0.0     | 0.5     | 0.387   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 0.159         | 0.159             | 0.031 | 0.063 | 0.103 | -0.6   | 0.336 | 0.345 | -0.104 | 0.338 | 0.347 |
| 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       | 0.124         | 0.124             | 0.246 | 0.334 | 1.409 | -5.403 | 0.699 | 1.171 | -0.448 | 0.693 | 1.163 |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 0.121         | 0.121             | 0.204 | 0.278 | 1.197 | -4.699 | 0.645 | 1.091 | -0.426 | 0.639 | 1.08  |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 0.121         | 0.121             | 0.204 | 0.278 | 1.197 | -4.699 | 0.645 | 1.091 | -0.426 | 0.639 | 1.08  |
| 5 | 6   | SRS18  | 0.0     | 0.327   | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 0.121         | 0.121             | 0.204 | 0.278 | 1.198 | -4.701 | 0.645 | 1.091 | -0.426 | 0.639 | 1.08  |
| 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        | 0.301         | 0.301             | 0.374 | 0.723 | 0.147 | 0.186  | 1.0   | 0.184 | 0.583  | 1.0   | 0.295 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 0.302         | 0.302             | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119 | 0.381  | 0.646 | 0.198 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 0.302         | 0.302             | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119 | 0.381  | 0.646 | 0.198 |
| 6 | 6   | SRS18  | 0.218   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 0.302         | 0.302             | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119 | 0.381  | 0.646 | 0.198 |
| 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        | 0.232         | 0.232             | 0.409 | 0.758 | 0.598 | -1.766 | 1.022 | 0.736 | 0.482  | 1.022 | 0.745 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 0.198         | 0.198             | 0.116 | 0.278 | 0.191 | -1.899 | 0.678 | 0.426 | 0.142  | 0.672 | 0.438 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 0.198         | 0.198             | 0.116 | 0.278 | 0.191 | -1.899 | 0.678 | 0.426 | 0.142  | 0.672 | 0.438 |
| 7 | 6   | SRS18  | 0.0     | 1.0     | 0.278   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 0.198         | 0.198             | 0.116 | 0.278 | 0.191 | -1.9   | 0.678 | 0.426 | 0.142  | 0.672 | 0.438 |
| 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       | 0.228         | 0.228             | 0.55  | 0.793 | 1.07  | 0.187  | 1.0   | 1.0   | 0.583  | 1.0   | 1.0   |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 0.133         | 0.133             | 0.117 | 0.278 | 0.491 | -3.764 | 0.686 | 0.714 | -0.328 | 0.68  | 0.707 |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 0.133         | 0.133             | 0.117 | 0.278 | 0.491 | -3.764 | 0.686 | 0.714 | -0.328 | 0.68  | 0.707 |
| 8 | 6   | SRS18  | 0.0     | 1.0     | 0.774   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 0.132         | 0.132             | 0.117 | 0.278 | 0.491 | -3.765 | 0.686 | 0.714 | -0.328 | 0.68  | 0.707 |

See for similar files: <http://www.ps.bam.de/YE53/>  
 Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIELAB

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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>in</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> <sup>*</sup> | <i>l</i> <sup>*</sup> | <i>c</i> <sup>*</sup> | <i>h</i> <sup>*</sup> | <i>n</i> <sup>*</sup> | <i>w</i> <sup>*</sup> | <i>LCH</i> <sup>*</sup> CIE |       | <i>a</i> <sup>*</sup> <i>b</i> <sup>*</sup> CIE |       | <i>XYZ</i> <sup>*</sup> CIE |      | <i>xy</i> CIE |      | <i>XYZ</i> <sup>*</sup> RGB |       | <i>RGB</i> <sup>'s</sup> RGB |       | <i>RGB</i> <sup>'</sup> AdobeRGB |       |       |        |       |       |       |  |
|----------|---|-------|------------|---------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------------|-------|-------------------------------------------------|-------|-----------------------------|------|---------------|------|-----------------------------|-------|------------------------------|-------|----------------------------------|-------|-------|--------|-------|-------|-------|--|
| <i>n</i> |   |       | <i>CS</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> <sup>*</sup> | <i>l</i> <sup>*</sup> | <i>c</i> <sup>*</sup> | <i>h</i> <sup>*</sup> | <i>n</i> <sup>*</sup> | <i>w</i> <sup>*</sup> | <i>LCH</i> <sup>*</sup> CIE |       | <i>a</i> <sup>*</sup> <i>b</i> <sup>*</sup> CIE |       | <i>XYZ</i> <sup>*</sup> CIE |      | <i>xy</i> CIE |      | <i>XYZ</i> <sup>*</sup> RGB |       | <i>RGB</i> <sup>'s</sup> RGB |       | <i>RGB</i> <sup>'</sup> AdobeRGB |       |       |        |       |       |       |  |
| <i>n</i> |   |       | <i>CS</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> <sup>*</sup> | <i>l</i> <sup>*</sup> | <i>c</i> <sup>*</sup> | <i>h</i> <sup>*</sup> | <i>n</i> <sup>*</sup> | <i>w</i> <sup>*</sup> | <i>LCH</i> <sup>*</sup> CIE |       | <i>a</i> <sup>*</sup> <i>b</i> <sup>*</sup> CIE |       | <i>XYZ</i> <sup>*</sup> CIE |      | <i>xy</i> CIE |      | <i>XYZ</i> <sup>*</sup> RGB |       | <i>RGB</i> <sup>'s</sup> RGB |       | <i>RGB</i> <sup>'</sup> AdobeRGB |       |       |        |       |       |       |  |
| <i>n</i> |   |       | <i>out</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> <sup>*</sup> | <i>l</i> <sup>*</sup> | <i>c</i> <sup>*</sup> | <i>h</i> <sup>*</sup> | <i>n</i> <sup>*</sup> | <i>w</i> <sup>*</sup> | <i>LCH</i> <sup>*</sup> CIE |       | <i>a</i> <sup>*</sup> <i>b</i> <sup>*</sup> CIE |       | <i>XYZ</i> <sup>*</sup> CIE |      | <i>xy</i> CIE |      | <i>XYZ</i> <sup>*</sup> RGB |       | <i>RGB</i> <sup>'s</sup> RGB |       | <i>RGB</i> <sup>'</sup> AdobeRGB |       |       |        |       |       |       |  |
| 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 |  |
| 9        | 5 | NRS18 | 0.5        |               | 0.07                  | 0.0                   |                       | 0.028                 | 0.25                  | 0.5                   | 0.097                 | 0.5                   | 0.0                   | 28.4                        | 38.7  | 34.9                                            | 31.8  | 22.1                        | 8.4  | 5.6           | 2.2  | 0.52                        | 0.52  | 0.095                        | 0.063 | 0.025                            | 0.483 | 0.18  | 0.145  | 0.422 | 0.194 | 0.164 |  |
| 9        | 5 | NRS18 | 0.5        |               | 0.07                  | 0.0                   |                       | 0.028                 | 0.25                  | 0.5                   | 0.097                 | 0.5                   | 0.0                   | 28.4                        | 38.7  | 34.9                                            | 31.8  | 22.1                        | 8.4  | 5.6           | 2.2  | 0.52                        | 0.52  | 0.095                        | 0.063 | 0.025                            | 0.483 | 0.18  | 0.145  | 0.422 | 0.194 | 0.164 |  |
| 9        | 6 | SRS18 | 0.5        |               | 0.04                  | 0.0                   |                       | 0.028                 | 0.25                  | 0.5                   | 0.097                 | 0.5                   | 0.0                   | 28.4                        | 38.7  | 34.9                                            | 31.8  | 22.1                        | 8.4  | 5.6           | 2.2  | 0.52                        | 0.52  | 0.095                        | 0.063 | 0.025                            | 0.483 | 0.18  | 0.145  | 0.422 | 0.194 | 0.164 |  |
| 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  |  |
| 10       | 5 | NRS18 | 0.495      |               | 0.0                   | 0.5                   |                       | 0.842                 | 0.25                  | 0.5                   | 0.911                 | 0.5                   | 0.0                   | 28.4                        | 38.7  | 328.1                                           | 32.8  | −20.4                       | 8.5  | 5.6           | 12.4 | 0.322                       | 0.322 | 0.096                        | 0.063 | 0.14                             | 0.418 | 0.192 | 0.411  | 0.371 | 0.205 | 0.404 |  |
| 10       | 5 | NRS18 | 0.495      |               | 0.0                   | 0.5                   |                       | 0.842                 | 0.25                  | 0.5                   | 0.911                 | 0.5                   | 0.0                   | 28.4                        | 38.7  | 328.1                                           | 32.8  | −20.4                       | 8.5  | 5.6           | 12.4 | 0.322                       | 0.322 | 0.096                        | 0.063 | 0.14                             | 0.418 | 0.192 | 0.411  | 0.371 | 0.205 | 0.404 |  |
| 10       | 6 | SRS18 | 0.484      |               | 0.0                   | 0.5                   |                       | 0.842                 | 0.25                  | 0.5                   | 0.911                 | 0.5                   | 0.0                   | 28.4                        | 38.7  | 328.1                                           | 32.8  | −20.4                       | 8.5  | 5.6           | 12.4 | 0.322                       | 0.322 | 0.096                        | 0.063 | 0.14                             | 0.418 | 0.192 | 0.411  | 0.371 | 0.205 | 0.404 |  |
| 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 |  |
| 11       | 5 | NRS18 | 0.782      |               | 0.0                   | 1.0                   |                       | 0.808                 | 0.5                   | 1.0                   | 0.878                 | 0.0                   | 0.0                   | 56.7                        | 77.4  | 316.2                                           | 55.9  | −53.5                       | 38.3 | 24.6          | 78.0 | 0.272                       | 0.272 | 0.432                        | 0.278 | 0.88                             | 0.757 | 0.409 | 0.954  | 0.675 | 0.408 | 0.937 |  |
| 11       | 5 | NRS18 | 0.782      |               | 0.0                   | 1.0                   |                       | 0.808                 | 0.5                   | 1.0                   | 0.878                 | 0.0                   | 0.0                   | 56.7                        | 77.4  | 316.2                                           | 55.9  | −53.5                       | 38.3 | 24.6          | 78.0 | 0.272                       | 0.272 | 0.432                        | 0.278 | 0.88                             | 0.757 | 0.409 | 0.954  | 0.675 | 0.408 | 0.937 |  |
| 11       | 6 | SRS18 | 0.77       |               | 0.0                   | 1.0                   |                       | 0.808                 | 0.5                   | 1.0                   | 0.878                 | 0.0                   | 0.0                   | 56.7                        | 77.4  | 316.2                                           | 55.9  | −53.5                       | 38.3 | 24.6          | 78.0 | 0.272                       | 0.272 | 0.432                        | 0.278 | 0.88                             | 0.757 | 0.409 | 0.954  | 0.675 | 0.408 | 0.937 |  |
| 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 |  |
| 12       | 5 | NRS18 | 0.422      |               | 0.5                   | 0.0                   |                       | 0.217                 | 0.25                  | 0.5                   | 0.287                 | 0.5                   | 0.0                   | 28.4                        | 38.7  | 103.3                                           | −8.8  | 37.7                        | 4.6  | 5.6           | 0.8  | 0.42                        | 0.42  | 0.052                        | 0.063 | 0.009                            | 0.287 | 0.29  | −0.007 | 0.293 | 0.295 | 0.062 |  |
| 12       | 5 | NRS18 | 0.422      |               | 0.5                   | 0.0                   |                       | 0.217                 | 0.25                  | 0.5                   | 0.287                 | 0.5                   | 0.0                   | 28.4                        | 38.7  | 103.3                                           | −8.8  | 37.7                        | 4.6  | 5.6           | 0.8  | 0.42                        | 0.42  | 0.052                        | 0.063 | 0.009                            | 0.287 | 0.29  | −0.007 | 0.293 | 0.295 | 0.062 |  |
| 12       | 6 | SRS18 | 0.389      |               | 0.5                   | 0.0                   |                       | 0.217                 | 0.25                  | 0.5                   | 0.287                 | 0.5                   | 0.0                   | 28.4                        | 38.7  | 103.3                                           | −8.8  | 37.7                        | 4.6  | 5.6           | 0.8  | 0.42                        | 0.42  | 0.052                        | 0.063 | 0.009                            | 0.287 | 0.29  | −0.007 | 0.293 | 0.295 | 0.062 |  |
| 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 |  |
| 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                         | 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 |  |
| 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                         | 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 |  |
| 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       | 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 |  |
| 14       | 5 | NRS18 | 0.786      |               | 0.5                   | 1.0                   |                       | 0.775                 | 0.75                  | 0.5                   | 0.845                 | 0.0                   | 0.5                   | 76.1                        | 38.7  | 304.3                                           | 21.8  | −31.9                       | 55.8 | 50.0          | 94.4 | 0.279                       | 0.279 | 0.63                         | 0.564 | 1.065                            | 0.822 | 0.73  | 1.02   | 0.792 | 0.725 | 1.01  |  |
| 14       | 5 | NRS18 | 0.786      |               | 0.5                   | 1.0                   |                       | 0.775                 | 0.75                  | 0.5                   | 0.845                 | 0.0                   | 0.5                   | 76.1                        | 38.7  | 304.3                                           | 21.8  | −31.9                       | 55.8 | 50.0          | 94.4 | 0.279                       | 0.279 | 0.63                         | 0.564 | 1.065                            | 0.822 | 0.73  | 1.02   | 0.792 | 0.725 | 1.01  |  |
| 14       | 6 | SRS18 | 0.786      |               | 0.5                   | 1.0                   |                       | 0.775                 | 0.75                  | 0.5                   | 0.845                 | 0.0                   | 0.5                   | 76.1                        | 38.7  | 304.3                                           | 21.8  | −31.9                       | 55.8 | 50.0          | 94.4 | 0.279                       | 0.279 | 0.63                         | 0.564 | 1.065                            | 0.822 | 0.73  | 1.02   | 0.792 | 0.725 | 1.01  |  |
| 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 |  |
| 15       | 5 | NRS18 | 0.603      |               | 1.0                   | 0.0                   |                       | 0.264                 | 0.5                   | 1.0                   | 0.334                 | 0.0                   | 0.0                   | 56.7                        | 77.4  | 120.1                                           | −38.7 | 67.0                        | 15.7 | 24.6          | 2.7  | 0.366                       | 0.366 | 0.178                        | 0.278 | 0.031                            | 0.401 | 0.627 | −0.186 | 0.476 | 0.621 | 0.033 |  |
| 15       | 5 | NRS18 | 0.603      |               | 1.0                   | 0.0                   |                       | 0.264                 | 0.5                   | 1.0                   | 0.334                 | 0.0                   | 0.0                   | 56.7                        | 77.4  | 120.1                                           | −38.7 | 67.0                        | 15.7 | 24.6          | 2.7  | 0.366                       | 0.366 | 0.178                        | 0.278 | 0.031                            | 0.401 | 0.627 | −0.186 | 0.476 | 0.621 | 0.033 |  |
| 15       | 6 | SRS18 | 0.499      |               | 1.0                   | 0.0                   |                       | 0.264                 | 0.5                   | 1.0                   | 0.334                 | 0.0                   | 0.0                   | 56.7                        | 77.4  | 120.1                                           | −38.7 | 67.0                        | 15.7 | 24.6          | 2.7  | 0.366                       | 0.366 | 0.178                        | 0.278 | 0.031                            | 0.401 | 0.627 | −0.186 | 0.476 | 0.621 | 0.032 |  |
| 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 |  |
| 16       | 5 | NRS18 | 0.681      |               | 1.0                   | 0.5                   |                       | 0.311                 | 0.75                  | 0.5                   | 0.38                  | 0.0                   | 0.5                   | 76.1                        | 38.7  | 136.9                                           | −28.2 | 26.4                        | 38.1 | 50.0          | 31.5 | 0.318                       | 0.318 | 0.43                         | 0.564 | 0.356                            | 0.624 | 0.831 | 0.57   | 0.685 | 0.826 | 0.578 |  |
| 16       | 5 | NRS18 | 0.681      |               | 1.0                   | 0.5                   |                       | 0.311                 | 0.75                  | 0.5                   | 0.38                  | 0.0                   | 0.5                   | 76.1                        | 38.7  | 136.9                                           | −28.2 | 26.4                        | 38.1 | 50.0          | 31.5 | 0.318                       | 0.318 | 0.43                         | 0.564 | 0.356                            | 0.624 | 0.831 | 0.57   | 0.685 | 0.826 | 0.578 |  |
| 16       | 6 | SRS18 | 0.609      |               | 1.0                   | 0.5                   |                       | 0.311                 | 0.75                  | 0.5                   | 0.38                  | 0.0                   | 0.5                   | 76.1                        | 38.7  | 136.9                                           | −28.2 | 26.4                        | 38.1 | 50.0          | 31.5 | 0.318                       | 0.318 | 0.43                         | 0.564 | 0.356                            | 0.624 | 0.831 | 0.57   | 0.685 | 0.826 | 0.578 |  |
| 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   |  |
| 17       | 5 | NRS18 | 0.5        |               | 1.0                   | 0.813                 |                       | 0.475                 | 0.75                  | 0.5                   | 0.546                 | 0.0                   | 0.5                   | 76.1                        | 38.7  | 196.5                                           | −37.0 | −10.9                       | 35.4 | 50.0          | 66.5 | 0.233                       | 0.233 | 0.399                        | 0.564 | 0.751                            | 0.255 | 0.856 | 0.855  | 0.521 | 0.852 | 0.851 |  |
| 17       | 5 | NRS18 | 0.5        |               | 1.0                   | 0.813                 |                       | 0.475                 | 0.75                  | 0.5                   | 0.546                 | 0.0                   | 0.5                   | 76.1                        | 38.7  | 196.5                                           | −37.0 | −10.9                       | 35.4 | 50.0          | 66.5 | 0.233                       | 0.233 | 0.399                        | 0.564 | 0.751                            | 0.255 | 0.856 | 0.855  | 0.521 | 0.852 | 0.851 |  |
| 17       | 6 | SRS18 | 0.5        |               | 1.0                   | 0.887                 |                       | 0.475                 | 0.75                  | 0.5                   | 0.546                 | 0.0                   | 0.5                   | 76.1                        | 38.7  | 196.5                                           | −37.0 | −10.9                       | 35.4 | 50.0          | 66.5 | 0.233                       | 0.233 | 0.399                        | 0.564 | 0.751                            | 0.255 | 0.856 | 0.855  | 0.521 | 0.852 | 0.851 |  |

YE530-7, Colour Management Workflow: Device Colour Input Data of the Colour Space TLS18 -> Device Colour Output Data of Output Space SRS18, page 27/31

BAM-test chart YE53; Colorimetric workflow TLS18->SRS18 input: *olv\* setrgbcolor*  
D65: 3x3x3=27 colours; Device and sample data; page 27/32 output: *olv\*, (TRI9) setrgbcolor*

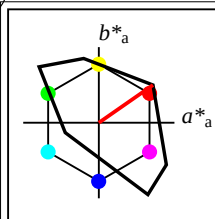
Data of 3x3x3 colors in colorimetric system TLS18 for input; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)  
Data of 3x3x3 colors in colorimetric system SRS18 for output; Six hue angles of the colour 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  | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
|----|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|--------|
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| n  | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB'_{sRGB}$ | $RGB'_{AdobeRGB}$ |      |       |       |       |       |       |       |        |        |       |        |        |
| 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  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 18 | 6   | SRS18  | 1.0     | 0.081   | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9        | 63.5       | 44.2        | 40.7          | 24.6              | 7.3  | 0.561 | 0.561 | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 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  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 19 | 6   | SRS18  | 1.0     | 0.0     | 0.476   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5         | 77.4       | 2.0         | 45.4          | 24.6              | 25.6 | 0.475 | 0.475 | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 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  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 20 | 6   | SRS18  | 0.968   | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1       | 65.7       | -40.8       | 41.4          | 24.6              | 62.6 | 0.322 | 0.322 | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 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  |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 21 | 6   | SRS18  | 1.0     | 0.651   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1        | 27.7       | 72.3        | 30.2          | 24.6              | 2.0  | 0.531 | 0.531 | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 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  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 22 | 6   | SRS18  | 1.0     | 0.54    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9        | 31.8       | 22.1        | 59.9          | 50.0              | 34.7 | 0.414 | 0.414 | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 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  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 23 | 6   | SRS18  | 0.984   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1       | 32.8       | -20.4       | 60.3          | 50.0              | 78.3 | 0.32  | 0.32  | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 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  |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 24 | 6   | SRS18  | 0.779   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3       | -17.7      | 75.3        | 19.6          | 24.6              | 1.7  | 0.427 | 0.427 | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 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  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 25 | 6   | SRS18  | 0.889   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3       | -8.8       | 37.7        | 44.4          | 50.0              | 24.1 | 0.375 | 0.375 | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 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    |
| 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         | 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    |
| 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         | 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    |
| 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    |

YE530-7, Colour Management Workflow: Device Colour Input Data of the Colour Space TLS18 -> Device Colour Output Data of Output Space SRS18, page 28/32

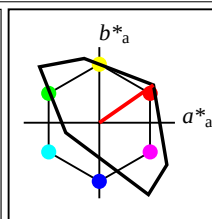
BAM-test chart YE53; Colorimetric workflow TLS18->SRS18 input:  $olv^*$  *setrgbcolor*  
D65: 3x3x3=27 colours; Device and sample data; page 28/32 output:  $olv^*$  (*TRI9*) *setrgbcolor*





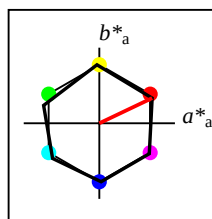
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>M</sub>   | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>M</sub>   | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>M</sub>   | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>M</sub>   | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>M</sub>   | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>M</sub>   | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>M</sub>   | 18.01       | 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          |



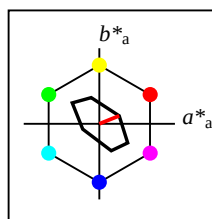
%Gamut  
 $u^*_{rel} = 118$   
%Regularity  
 $g^*_{H,rel} = 22$   
 $g^*_{C,rel} = 40$

| TLS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 52.76       | 71.63   | 49.88   | 87.29        | 35           |
| Y <sub>Ma</sub>             | 92.74       | -20.02  | 84.97   | 87.3         | 103          |
| L <sub>Ma</sub>             | 84.0        | -78.98  | 73.94   | 108.2        | 137          |
| C <sub>Ma</sub>             | 87.14       | -44.41  | -13.11  | 46.32        | 196          |
| V <sub>Ma</sub>             | 35.47       | 64.92   | -95.06  | 115.12       | 304          |
| M <sub>Ma</sub>             | 59.01       | 89.33   | -55.67  | 105.26       | 328          |
| N <sub>Ma</sub>             | 18.01       | 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          |



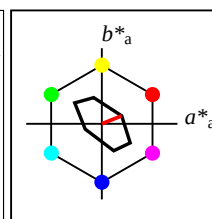
%Gamut  
 $u^*_{rel} = 100$   
%Regularity  
 $g^*_{H,rel} = 78$   
 $g^*_{C,rel} = 100$

| NRS18a; adapted CIELAB data | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>             | 56.71       | 69.87   | 33.29   | 77.4         | 25           |
| Y <sub>Ma</sub>             | 56.71       | -3.1    | 77.34   | 77.4         | 92           |
| L <sub>Ma</sub>             | 56.71       | -73.68  | 23.63   | 77.39        | 162          |
| C <sub>Ma</sub>             | 56.71       | -61.81  | -46.54  | 77.39        | 217          |
| V <sub>Ma</sub>             | 56.71       | 2.35    | -77.34  | 77.39        | 272          |
| M <sub>Ma</sub>             | 56.71       | 66.07   | -40.3   | 77.4         | 329          |
| N <sub>Ma</sub>             | 18.01       | 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          |



%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 <sub>Ma</sub>             | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>Ma</sub>             | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>Ma</sub>             | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>Ma</sub>             | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>Ma</sub>             | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>Ma</sub>             | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>Ma</sub>             | 69.7        | 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          |



%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 <sub>M</sub>   | 76.43       | 26.27   | 10.57   | 28.32        | 22           |
| Y <sub>M</sub>   | 93.93       | -10.76  | 34.63   | 36.27        | 107          |
| L <sub>M</sub>   | 89.32       | -35.8   | 27.64   | 45.24        | 142          |
| C <sub>M</sub>   | 90.93       | -21.95  | -7.07   | 23.07        | 198          |
| V <sub>M</sub>   | 72.1        | 15.76   | -35.63  | 38.97        | 294          |
| M <sub>M</sub>   | 78.5        | 37.52   | -25.23  | 45.22        | 326          |
| N <sub>M</sub>   | 69.7        | 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          |

BAM-test chart YE53; Colorimetric workflow TLS18->TLS70

D65: 3x3x3=27 colours; Device and sample data; page 29/32

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

Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system TLS70 for output; 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 | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
|---|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------------|------------|-------------|---------------|-------------------|-------|-------|-------|--------|-------|-------|--------|-------|-------|
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
| n | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
| n | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ | $XYZ_{CIE}$ | $xy_{CIE}$ | $XYZ_{RGB}$ | $RGB's_{RGB}$ | $RGB'_{AdobeRGB}$ |       |       |       |        |       |       |        |       |       |
| 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        | 0.0         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |       |        |       |       |
| 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         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |       |        |       |       |
| 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         | 0.184         | 0.184             | 0.184 | 0.198 | 0.198 | 0.198  |       |       |        |       |       |
| 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        | 0.0         | 0.705         | 0.705             | 0.705 | 0.699 | 0.699 | 0.699  |       |       |        |       |       |
| 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       | 0.188         | 0.188             | 0.048 | 0.028 | 0.181 | 0.166  | 0.117 | 0.472 | 0.17   | 0.138 | 0.46  |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 0.243         | 0.243             | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483 | 0.291  | 0.247 | 0.473 |
| 1 | 5   | NRS18  | 0.286   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 28.4          | 38.7           | 304.3       | 21.8       | -31.9       | 0.243         | 0.243             | 0.083 | 0.063 | 0.196 | 0.302  | 0.238 | 0.483 | 0.291  | 0.247 | 0.473 |
| 1 | 7   | TLS70  | 0.163   | 0.0     | 0.5     | 0.775 | 0.25  | 0.5   | 0.845 | 0.5   | 0.0   | 37.1          | 20.5           | 304.3       | 11.6       | -16.8       | 0.282         | 0.282             | 0.119 | 0.108 | 0.196 | 0.385  | 0.342 | 0.475 | 0.374  | 0.344 | 0.467 |
| 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       | 0.161         | 0.161             | 0.202 | 0.099 | 0.954 | 0.185  | 0.185 | 1.0   | 0.199  | 0.198 | 0.981 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 0.228         | 0.228             | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029 | 0.562  | 0.466 | 1.014 |
| 2 | 5   | NRS18  | 0.573   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 56.7          | 77.4           | 304.3       | 43.6       | -63.8       | 0.228         | 0.228             | 0.391 | 0.278 | 1.042 | 0.601  | 0.469 | 1.029 | 0.562  | 0.466 | 1.014 |
| 2 | 7   | TLS70  | 0.325   | 0.0     | 1.0     | 0.775 | 0.5   | 1.0   | 0.845 | 0.0   | 0.0   | 74.2          | 41.0           | 304.3       | 23.1       | -33.8       | 0.276         | 0.276             | 0.599 | 0.53  | 1.043 | 0.802  | 0.707 | 1.012 | 0.771  | 0.701 | 1.002 |
| 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        | 0.308         | 0.308             | 0.08  | 0.141 | 0.038 | 0.166  | 0.472 | 0.135 | 0.299  | 0.468 | 0.181 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 0.311         | 0.311             | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097 | 0.213  | 0.323 | 0.137 |
| 3 | 5   | NRS18  | 0.181   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 28.4          | 38.7           | 136.9       | -28.2      | 26.4        | 0.311         | 0.311             | 0.037 | 0.063 | 0.019 | 0.122  | 0.319 | 0.097 | 0.213  | 0.323 | 0.137 |
| 3 | 7   | TLS70  | 0.078   | 0.5     | 0.0     | 0.311 | 0.25  | 0.5   | 0.38  | 0.5   | 0.0   | 45.0          | 21.9           | 136.9       | -15.9      | 15.0        | 0.318         | 0.318             | 0.129 | 0.164 | 0.113 | 0.366  | 0.47  | 0.337 | 0.399  | 0.467 | 0.346 |
| 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        | 0.239         | 0.239             | 0.111 | 0.153 | 0.2   | 0.168  | 0.471 | 0.469 | 0.3    | 0.467 | 0.466 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 0.159         | 0.159             | 0.031 | 0.063 | 0.103 | -0.599 | 0.336 | 0.345 | -0.103 | 0.338 | 0.346 |
| 4 | 5   | NRS18  | 0.0     | 0.5     | 0.313   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 28.4          | 38.7           | 196.5       | -37.0      | -10.9       | 0.159         | 0.159             | 0.031 | 0.063 | 0.103 | -0.599 | 0.336 | 0.345 | -0.103 | 0.338 | 0.346 |
| 4 | 7   | TLS70  | 0.0     | 0.5     | 0.487   | 0.475 | 0.25  | 0.5   | 0.546 | 0.5   | 0.0   | 45.4          | 11.8           | 196.5       | -11.2      | -3.2        | 0.275         | 0.275             | 0.14  | 0.168 | 0.201 | 0.341  | 0.47  | 0.468 | 0.384  | 0.467 | 0.465 |
| 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       | 0.124         | 0.124             | 0.246 | 0.334 | 1.409 | -5.403 | 0.699 | 1.171 | -0.448 | 0.693 | 1.163 |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 0.121         | 0.121             | 0.204 | 0.278 | 1.197 | -4.699 | 0.645 | 1.091 | -0.426 | 0.639 | 1.08  |
| 5 | 5   | NRS18  | 0.0     | 0.39    | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 56.7          | 77.4           | 250.4       | -25.9      | -72.8       | 0.121         | 0.121             | 0.204 | 0.278 | 1.197 | -4.699 | 0.645 | 1.091 | -0.426 | 0.639 | 1.08  |
| 5 | 7   | TLS70  | 0.0     | 0.453   | 1.0     | 0.625 | 0.5   | 1.0   | 0.696 | 0.0   | 0.0   | 80.6          | 31.8           | 250.4       | -10.6      | -29.8       | 0.24          | 0.24              | 0.574 | 0.652 | 1.166 | 0.561  | 0.863 | 1.056 | 0.66   | 0.859 | 1.05  |
| 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        | 0.301         | 0.301             | 0.374 | 0.723 | 0.147 | 0.186  | 1.0   | 0.184 | 0.583  | 1.0   | 0.295 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 0.302         | 0.302             | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119 | 0.381  | 0.646 | 0.198 |
| 6 | 5   | NRS18  | 0.362   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 56.7          | 77.4           | 136.9       | -56.4      | 52.9        | 0.302         | 0.302             | 0.146 | 0.278 | 0.058 | 0.129  | 0.652 | 0.119 | 0.381  | 0.646 | 0.198 |
| 6 | 7   | TLS70  | 0.155   | 1.0     | 0.0     | 0.311 | 0.5   | 1.0   | 0.38  | 0.0   | 0.0   | 90.0          | 43.8           | 136.9       | -31.9      | 30.0        | 0.318         | 0.318             | 0.659 | 0.862 | 0.549 | 0.759  | 1.001 | 0.695 | 0.833  | 1.001 | 0.705 |
| 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        | 0.232         | 0.232             | 0.409 | 0.758 | 0.598 | -1.766 | 1.022 | 0.736 | 0.482  | 1.022 | 0.745 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 0.198         | 0.198             | 0.116 | 0.278 | 0.191 | -1.899 | 0.678 | 0.426 | 0.142  | 0.672 | 0.438 |
| 7 | 5   | NRS18  | 0.0     | 1.0     | 0.081   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 56.7          | 77.4           | 166.7       | -75.2      | 17.8        | 0.198         | 0.198             | 0.116 | 0.278 | 0.191 | -1.899 | 0.678 | 0.426 | 0.142  | 0.672 | 0.438 |
| 7 | 7   | TLS70  | 0.0     | 1.0     | 0.438   | 0.394 | 0.5   | 1.0   | 0.463 | 0.0   | 0.0   | 90.0          | 35.5           | 166.7       | -34.5      | 8.2         | 0.278         | 0.278             | 0.647 | 0.862 | 0.818 | 0.637  | 1.01  | 0.868 | 0.763  | 1.011 | 0.87  |
| 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       | 0.228         | 0.228             | 0.55  | 0.793 | 1.07  | 0.187  | 1.0   | 1.0   | 0.583  | 1.0   | 1.0   |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 0.133         | 0.133             | 0.117 | 0.278 | 0.491 | -3.764 | 0.686 | 0.714 | -0.328 | 0.68  | 0.707 |
| 8 | 5   | NRS18  | 0.0     | 1.0     | 0.625   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 56.7          | 77.4           | 196.5       | -74.1      | -21.8       | 0.133         | 0.133             | 0.117 | 0.278 | 0.491 | -3.764 | 0.686 | 0.714 | -0.328 | 0.68  | 0.707 |
| 8 | 7   | TLS70  | 0.0     | 1.0     | 0.975   | 0.475 | 0.5   | 1.0   | 0.546 | 0.0   | 0.0   | 90.9          | 23.6           | 196.5       | -22.6      | -6.6        | 0.27          | 0.27              | 0.721 | 0.883 | 1.07  | 0.699  | 1.001 | 0.996 | 0.796  | 1.001 | 0.996 |



Data of 3x3x3 colors in colorimetric system TLS18 for input; 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)  
Data of 3x3x3 colors in colorimetric system TLS70 for output; 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  | in  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ |       | $XYZ_{CIE}$ | $xy_{CIE}$ |      | $XYZ_{RGB}$ | $RGB'_{sRGB}$ |       | $RGB'_{AdobeRGB}$ |       |       |       |       |        |        |       |        |        |
|----|-----|--------|---------|---------|---------|-------|-------|-------|-------|-------|-------|---------------|----------------|-------|-------------|------------|------|-------------|---------------|-------|-------------------|-------|-------|-------|-------|--------|--------|-------|--------|--------|
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ |       | $XYZ_{CIE}$ | $xy_{CIE}$ |      | $XYZ_{RGB}$ | $RGB'_{sRGB}$ |       | $RGB'_{AdobeRGB}$ |       |       |       |       |        |        |       |        |        |
| n  | CS  | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ |       | $XYZ_{CIE}$ | $xy_{CIE}$ |      | $XYZ_{RGB}$ | $RGB'_{sRGB}$ |       | $RGB'_{AdobeRGB}$ |       |       |       |       |        |        |       |        |        |
| n  | out | System | $o_3^*$ | $l_3^*$ | $v_3^*$ | $e^*$ | $t^*$ | $c^*$ | $h^*$ | $n^*$ | $w^*$ | $LCH^*_{CIE}$ | $a^*b^*_{CIE}$ |       | $XYZ_{CIE}$ | $xy_{CIE}$ |      | $XYZ_{RGB}$ | $RGB'_{sRGB}$ |       | $RGB'_{AdobeRGB}$ |       |       |       |       |        |        |       |        |        |
| 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  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9  | 63.5        | 44.2       | 40.7 | 24.6        | 7.3           | 0.561 | 0.561             | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 18 | 5   | NRS18  | 1.0     | 0.14    | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 56.7          | 77.4           | 34.9  | 63.5        | 44.2       | 40.7 | 24.6        | 7.3           | 0.561 | 0.561             | 0.46  | 0.278 | 0.082 | 1.009 | 0.313  | 0.262  | 0.879 | 0.316  | 0.271  |
| 18 | 7   | TLS70  | 1.0     | 0.152   | 0.0     | 0.028 | 0.5   | 1.0   | 0.097 | 0.0   | 0.0   | 79.1          | 29.5           | 34.9  | 24.2        | 16.9       | 62.2 | 55.1        | 43.3          | 0.387 | 0.387             | 0.702 | 0.622 | 0.489 | 1.032 | 0.74   | 0.686  | 0.96  | 0.734  | 0.683  |
| 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  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5   | 77.4        | 2.0        | 45.4 | 24.6        | 25.6          | 0.475 | 0.475             | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 19 | 5   | NRS18  | 1.0     | 0.0     | 0.422   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 56.7          | 77.4           | 1.5   | 77.4        | 2.0        | 45.4 | 24.6        | 25.6          | 0.475 | 0.475             | 0.512 | 0.278 | 0.289 | 1.038 | 0.213  | 0.563  | 0.898 | 0.223  | 0.549  |
| 19 | 7   | TLS70  | 1.0     | 0.0     | 0.366   | 0.933 | 0.5   | 1.0   | 0.004 | 0.0   | 0.0   | 77.2          | 34.5           | 1.5   | 34.5        | 0.9        | 63.1 | 51.8        | 55.5          | 0.37  | 0.37              | 0.712 | 0.585 | 0.627 | 1.041 | 0.69   | 0.788  | 0.957 | 0.684  | 0.779  |
| 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  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1 | 65.7        | -40.8      | 41.4 | 24.6        | 62.6          | 0.322 | 0.322             | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 20 | 5   | NRS18  | 0.99    | 0.0     | 1.0     | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 56.7          | 77.4           | 328.1 | 65.7        | -40.8      | 41.4 | 24.6        | 62.6          | 0.322 | 0.322             | 0.468 | 0.278 | 0.707 | 0.873 | 0.346  | 0.863  | 0.764 | 0.347  | 0.845  |
| 20 | 7   | TLS70  | 1.0     | 0.0     | 0.964   | 0.842 | 0.5   | 1.0   | 0.911 | 0.0   | 0.0   | 78.4          | 44.6           | 328.1 | 37.9        | -23.5      | 66.9 | 53.9        | 88.2          | 0.32  | 0.32              | 0.756 | 0.609 | 0.995 | 1.007 | 0.702  | 0.987  | 0.932 | 0.696  | 0.976  |
| 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  |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1  | 27.7        | 72.3       | 30.2 | 24.6        | 2.0           | 0.531 | 0.531             | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 21 | 5   | NRS18  | 1.0     | 0.652   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 56.7          | 77.4           | 69.1  | 27.7        | 72.3       | 30.2 | 24.6        | 2.0           | 0.531 | 0.531             | 0.341 | 0.278 | 0.023 | 0.835 | 0.476  | -0.173 | 0.749 | 0.473  | -0.089 |
| 21 | 7   | TLS70  | 1.0     | 0.552   | 0.0     | 0.122 | 0.5   | 1.0   | 0.192 | 0.0   | 0.0   | 86.1          | 32.7           | 69.1  | 11.7        | 30.5       | 70.1 | 68.2        | 41.9          | 0.389 | 0.389             | 0.791 | 0.769 | 0.473 | 1.061 | 0.852  | 0.655  | 1.008 | 0.848  | 0.659  |
| 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  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9  | 31.8        | 22.1       | 59.9 | 50.0        | 34.7          | 0.414 | 0.414             | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 22 | 5   | NRS18  | 1.0     | 0.57    | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 76.1          | 38.7           | 34.9  | 31.8        | 22.1       | 59.9 | 50.0        | 34.7          | 0.414 | 0.414             | 0.676 | 0.564 | 0.392 | 1.054 | 0.68   | 0.615  | 0.965 | 0.674  | 0.612  |
| 22 | 7   | TLS70  | 1.0     | 0.576   | 0.5     | 0.028 | 0.75  | 0.5   | 0.097 | 0.0   | 0.5   | 87.2          | 14.8           | 34.9  | 12.1        | 8.4        | 72.6 | 70.5        | 66.4          | 0.347 | 0.347             | 0.82  | 0.796 | 0.749 | 1.026 | 0.87   | 0.841  | 0.984 | 0.866  | 0.838  |
| 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  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1 | 32.8        | -20.4      | 60.3 | 50.0        | 78.3          | 0.32  | 0.32              | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 23 | 5   | NRS18  | 0.995   | 0.5     | 1.0     | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 76.1          | 38.7           | 328.1 | 32.8        | -20.4      | 60.3 | 50.0        | 78.3          | 0.32  | 0.32              | 0.681 | 0.564 | 0.884 | 0.954 | 0.691  | 0.934  | 0.886 | 0.685  | 0.924  |
| 23 | 7   | TLS70  | 1.0     | 0.5     | 0.982   | 0.842 | 0.75  | 0.5   | 0.911 | 0.0   | 0.5   | 86.9          | 22.3           | 328.1 | 18.9        | -11.7      | 75.2 | 69.8        | 92.3          | 0.317 | 0.317             | 0.849 | 0.788 | 1.041 | 1.009 | 0.854  | 0.994  | 0.967 | 0.85   | 0.989  |
| 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  |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3 | -17.7       | 75.3       | 19.6 | 24.6        | 1.7           | 0.427 | 0.427             | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 24 | 5   | NRS18  | 0.843   | 1.0     | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 56.7          | 77.4           | 103.3 | -17.7       | 75.3       | 19.6 | 24.6        | 1.7           | 0.427 | 0.427             | 0.222 | 0.278 | 0.019 | 0.567 | 0.59   | -0.309 | 0.569 | 0.585  | -0.124 |
| 24 | 7   | TLS70  | 1.0     | 0.953   | 0.0     | 0.217 | 0.5   | 1.0   | 0.287 | 0.0   | 0.0   | 93.1          | 35.9           | 103.3 | -8.1        | 34.9       | 75.0 | 83.2        | 48.9          | 0.362 | 0.362             | 0.847 | 0.939 | 0.552 | 1.011 | 0.984  | 0.694  | 1.003 | 0.984  | 0.703  |
| 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  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3 | -8.8        | 37.7       | 44.4 | 50.0        | 24.1          | 0.375 | 0.375             | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 25 | 5   | NRS18  | 0.922   | 1.0     | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 76.1          | 38.7           | 103.3 | -8.8        | 37.7       | 44.4 | 50.0        | 24.1          | 0.375 | 0.375             | 0.501 | 0.564 | 0.273 | 0.81  | 0.788  | 0.486  | 0.799 | 0.783  | 0.499  |
| 25 | 7   | TLS70  | 1.0     | 0.976   | 0.5     | 0.217 | 0.75  | 0.5   | 0.287 | 0.0   | 0.5   | 94.3          | 17.9           | 103.3 | -4.0        | 17.5       | 79.5 | 85.9        | 70.0          | 0.338 | 0.338             | 0.898 | 0.969 | 0.79  | 1.011 | 0.992  | 0.848  | 1.006 | 0.991  | 0.85   |
| 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    |
| 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        | 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    |
| 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        | 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    |
| 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    |

YE530-7, Colour Management Workflow: Device Colour Input Data of the Colour Space TLS18 -> Device Colour Output Data of Output Space TLS70, page 32/32

BAM-test chart YE53; Colorimetric workflow TLS18->TLS70 input:  $olv^*$  *setrgbcolor*  
D65: 3x3x3=27 colours; Device and sample data; page 32/32 output:  $olv^*$  (*TRI9*) *setrgbcolor*