

Farbmetrische Daten von Fernseh-Lichtfarben-System TLS03 für Helligkeit  $L^*_N=03$  von Schwarz

| System:                    | Farbe   | $r=olv^*_1$ | $g=olv^*_2$ | $b=olv^*_3$ | $L^*_c=LAB^*_{1c}$ | $a^*_c=LAB^*_{2c}$ | $b^*_c=LAB^*_{3c}$ | $C^*_{ab,c}=LAB^*_{rc}$ | $h_{ab,c}$ | $X_c=XYZ_{1c}$ | $Y_c=XYZ_{2c}$ | $Z_c=XYZ_{3c}$ | $x_c$  | $y_c$  | $Y_c/88.59$ |
|----------------------------|---------|-------------|-------------|-------------|--------------------|--------------------|--------------------|-------------------------|------------|----------------|----------------|----------------|--------|--------|-------------|
| TLS03<br>Projektor:<br>LCD | 00 o00y | 1.0         | 0.0         | 0.0         | 37.1               | 58.78              | 56.51              | 81.54                   | 44         | 18.1           | 9.59           | 0.52           | 0.6415 | 0.34   | 0.1083      |
|                            | 01 o13y | 1.0         | 0.125       | 0.0         | 37.41              | 58.02              | 56.42              | 80.93                   | 44         | 18.21          | 9.76           | 0.57           | 0.6381 | 0.3421 | 0.1102      |
|                            | 02 o25y | 1.0         | 0.25        | 0.0         | 38.83              | 54.44              | 57.1               | 78.89                   | 46         | 18.69          | 10.56          | 0.69           | 0.6243 | 0.3527 | 0.1192      |
|                            | 03 o38y | 1.0         | 0.375       | 0.0         | 42.44              | 42.95              | 59.04              | 73.01                   | 54         | 19.48          | 12.78          | 0.99           | 0.5859 | 0.3844 | 0.1443      |
|                            | 04 o50y | 1.0         | 0.5         | 0.0         | 47.08              | 35.41              | 60.09              | 69.75                   | 59         | 22.06          | 16.08          | 1.57           | 0.5556 | 0.4049 | 0.1815      |
|                            | 05 o63y | 1.0         | 0.625       | 0.0         | 54.15              | 21.26              | 63.91              | 67.35                   | 71         | 25.77          | 22.11          | 2.53           | 0.5112 | 0.4387 | 0.2496      |
|                            | 06 o75y | 1.0         | 0.75        | 0.0         | 62.27              | 7.09               | 69.0               | 69.37                   | 84         | 31.07          | 30.71          | 3.9            | 0.473  | 0.4676 | 0.3467      |
|                            | 07 o88y | 1.0         | 0.875       | 0.0         | 70.64              | -4.64              | 74.95              | 75.09                   | 93         | 38.14          | 41.66          | 5.61           | 0.4465 | 0.4878 | 0.4703      |
|                            | 08 y00l | 1.0         | 1.0         | 0.0         | 83.13              | -16.8              | 84.65              | 86.31                   | 101        | 52.58          | 62.4           | 8.73           | 0.425  | 0.5044 | 0.7044      |
|                            | 09 y13l | 0.875       | 1.0         | 0.0         | 81.19              | -24.79             | 81.99              | 85.66                   | 106        | 46.56          | 58.82          | 8.53           | 0.4087 | 0.5164 | 0.664       |
|                            | 10 y25l | 0.75        | 1.0         | 0.0         | 75.03              | -33.74             | 75.48              | 82.68                   | 114        | 35.07          | 48.33          | 7.36           | 0.3864 | 0.5325 | 0.5455      |
|                            | 11 y38l | 0.625       | 1.0         | 0.0         | 74.08              | -40.51             | 73.85              | 84.23                   | 118        | 31.97          | 46.83          | 7.36           | 0.3711 | 0.5435 | 0.5286      |
|                            | 12 y50l | 0.5         | 1.0         | 0.0         | 73.46              | -45.58             | 72.79              | 85.89                   | 122        | 29.89          | 45.87          | 7.36           | 0.3596 | 0.5519 | 0.5178      |
|                            | 13 y63l | 0.375       | 1.0         | 0.0         | 73.1               | -48.78             | 72.15              | 87.1                    | 124        | 28.66          | 45.32          | 7.36           | 0.3523 | 0.5572 | 0.5116      |
|                            | 14 y75l | 0.25        | 1.0         | 0.0         | 72.92              | -50.49             | 71.84              | 87.82                   | 125        | 28.02          | 45.04          | 7.36           | 0.3484 | 0.5601 | 0.5084      |
|                            | 15 y88l | 0.125       | 1.0         | 0.0         | 72.84              | -51.23             | 71.69              | 88.12                   | 125        | 27.75          | 44.92          | 7.36           | 0.3467 | 0.5613 | 0.5071      |
|                            | 16 l00c | 0.0         | 1.0         | 0.0         | 72.83              | -51.36             | 71.66              | 88.17                   | 125        | 27.7           | 44.91          | 7.37           | 0.3464 | 0.5615 | 0.5069      |
|                            | 17 l13c | 0.0         | 1.0         | 0.125       | 72.87              | -51.21             | 70.8               | 87.39                   | 126        | 27.78          | 44.96          | 7.62           | 0.3457 | 0.5595 | 0.5075      |
|                            | 18 l25c | 0.0         | 1.0         | 0.25        | 72.97              | -50.7              | 67.1               | 84.11                   | 127        | 28.02          | 45.12          | 8.75           | 0.3422 | 0.551  | 0.5093      |
|                            | 19 l38c | 0.0         | 1.0         | 0.375       | 73.17              | -49.55             | 59.71              | 77.6                    | 129        | 28.53          | 45.42          | 11.31          | 0.3346 | 0.5327 | 0.5127      |
|                            | 20 l50c | 0.0         | 1.0         | 0.5         | 73.55              | -47.47             | 48.77              | 68.07                   | 134        | 29.49          | 46.01          | 16.04          | 0.3222 | 0.5026 | 0.5193      |
|                            | 21 l63c | 0.0         | 1.0         | 0.625       | 74.19              | -44.2              | 34.93              | 56.34                   | 141        | 31.09          | 47.0           | 23.86          | 0.305  | 0.461  | 0.5305      |
|                            | 22 l75c | 0.0         | 1.0         | 0.75        | 74.8               | -39.66             | 19.62              | 44.25                   | 153        | 33.08          | 47.96          | 34.95          | 0.2852 | 0.4135 | 0.5414      |
|                            | 23 l88c | 0.0         | 1.0         | 0.875       | 76.29              | -33.9              | 3.44               | 34.08                   | 174        | 36.63          | 50.36          | 51.35          | 0.2648 | 0.364  | 0.5684      |
|                            | 24 c00v | 0.0         | 1.0         | 1.0         | 77.63              | -27.89             | -10.73             | 29.9                    | 201        | 40.31          | 52.59          | 69.46          | 0.2483 | 0.3239 | 0.5936      |
|                            | 25 c13v | 0.0         | 0.875       | 1.0         | 69.94              | -19.11             | -22.45             | 29.5                    | 230        | 32.97          | 40.66          | 67.61          | 0.2334 | 0.2879 | 0.459       |
|                            | 26 c25v | 0.0         | 0.75        | 1.0         | 60.8               | -7.27              | -36.62             | 37.35                   | 260        | 25.8           | 29.02          | 65.75          | 0.214  | 0.2407 | 0.3276      |
|                            | 27 c38v | 0.0         | 0.675       | 1.0         | 51.55              | 6.79               | -51.31             | 51.77                   | 278        | 20.11          | 19.75          | 64.29          | 0.1931 | 0.1896 | 0.2229      |
|                            | 28 c50v | 0.0         | 0.5         | 1.0         | 43.25              | 21.59              | -64.77             | 68.28                   | 289        | 16.15          | 13.32          | 63.31          | 0.1741 | 0.1436 | 0.1504      |
|                            | 29 c63v | 0.0         | 0.375       | 1.0         | 36.87              | 34.74              | -75.21             | 82.86                   | 295        | 13.78          | 9.47           | 62.69          | 0.1603 | 0.1102 | 0.1069      |
|                            | 30 c75v | 0.0         | 0.25        | 1.0         | 32.68              | 44.51              | -82.18             | 93.47                   | 299        | 12.51          | 7.39           | 62.38          | 0.152  | 0.0898 | 0.0834      |
|                            | 31 c88v | 0.0         | 0.125       | 1.0         | 30.75              | 49.23              | -85.41             | 98.59                   | 300        | 11.99          | 6.55           | 62.29          | 0.1483 | 0.081  | 0.0739      |
|                            | 32 v00m | 0.0         | 0.0         | 1.0         | 30.28              | 50.46              | -86.21             | 99.9                    | 301        | 11.87          | 6.35           | 62.28          | 0.1475 | 0.0789 | 0.0717      |
|                            | 33 v13m | 0.125       | 0.0         | 1.0         | 30.52              | 50.74              | -86.47             | 100.26                  | 301        | 12.06          | 6.45           | 63.03          | 0.1479 | 0.0791 | 0.0728      |
|                            | 34 v25m | 0.25        | 0.0         | 1.0         | 30.67              | 50.94              | -85.47             | 99.51                   | 301        | 12.18          | 6.51           | 62.19          | 0.1506 | 0.0805 | 0.0735      |
|                            | 35 v38m | 0.375       | 0.0         | 1.0         | 31.48              | 51.96              | -83.92             | 98.71                   | 302        | 12.85          | 6.86           | 62.02          | 0.1572 | 0.0839 | 0.0774      |
|                            | 36 v50m | 0.5         | 0.0         | 1.0         | 33.02              | 53.8               | -81.29             | 97.49                   | 304        | 14.17          | 7.55           | 62.06          | 0.1691 | 0.0901 | 0.0852      |
|                            | 37 v63m | 0.625       | 0.0         | 1.0         | 35.31              | 56.61              | -76.94             | 95.53                   | 307        | 16.3           | 8.66           | 61.6           | 0.1883 | 0.1    | 0.0977      |
|                            | 38 v75m | 0.75        | 0.0         | 1.0         | 38.29              | 60.25              | -71.06             | 93.17                   | 310        | 19.37          | 10.25          | 60.77          | 0.2143 | 0.1134 | 0.1157      |
|                            | 39 v88m | 0.875       | 0.0         | 1.0         | 43.55              | 65.86              | -65.4              | 92.82                   | 315        | 25.51          | 13.53          | 64.62          | 0.2461 | 0.1305 | 0.1527      |
|                            | 40 m00o | 1.0         | 0.0         | 1.0         | 48.39              | 71.08              | -60.47             | 93.32                   | 320        | 32.22          | 17.11          | 68.65          | 0.2731 | 0.145  | 0.1931      |
|                            | 41 m13o | 1.0         | 0.0         | 0.875       | 44.49              | 67.04              | -44.55             | 80.49                   | 327        | 26.78          | 14.18          | 44.89          | 0.3119 | 0.1652 | 0.1601      |
|                            | 42 m25o | 1.0         | 0.0         | 0.75        | 41.5               | 64.08              | -26.13             | 69.21                   | 338        | 23.08          | 12.18          | 26.76          | 0.3721 | 0.1964 | 0.1375      |
|                            | 43 m38o | 1.0         | 0.0         | 0.675       | 39.82              | 62.04              | -9.33              | 62.74                   | 351        | 21.08          | 11.14          | 16.02          | 0.4369 | 0.231  | 0.1258      |
|                            | 44 m50o | 1.0         | 0.0         | 0.5         | 38.6               | 60.58              | 8.07               | 61.11                   | 7          | 19.7           | 10.43          | 8.68           | 0.5077 | 0.2687 | 0.1177      |
|                            | 45 m63o | 1.0         | 0.0         | 0.375       | 37.83              | 59.69              | 25.05              | 64.73                   | 23         | 18.87          | 9.99           | 4.23           | 0.5702 | 0.3019 | 0.1128      |
|                            | 46 m75o | 1.0         | 0.0         | 0.25        | 37.41              | 59.19              | 40.82              | 71.9                    | 34         | 18.43          | 9.76           | 1.83           | 0.6138 | 0.3251 | 0.1102      |
|                            | 47 m88o | 1.0         | 0.0         | 0.125       | 37.23              | 58.94              | 53.08              | 79.32                   | 42         | 18.24          | 9.67           | 0.78           | 0.6359 | 0.337  | 0.1091      |
|                            | 48 o00y | 1.0         | 0.0         | 0.0         | 37.1               | 58.78              | 56.51              | 81.54                   | 44         | 18.1           | 9.59           | 0.52           | 0.6415 | 0.34   | 0.1083      |
|                            | 49 n00w | 0.0         | 0.0         | 0.0         | 2.5                | -0.41              | 0.23               | 0.48                    | 0          | 0.25           | 0.28           | 0.29           | 0.3103 | 0.3398 | 0.0031      |
|                            | 50 n13w | 0.125       | 0.125       | 0.125       | 4.56               | -0.87              | -0.48              | 1.01                    | 238        | 0.46           | 0.5            | 0.58           | 0.2962 | 0.3263 | 0.0057      |
|                            | 51 n25w | 0.25        | 0.25        | 0.25        | 12.6               | -0.76              | -1.6               | 1.79                    | 260        | 1.4            | 1.5            | 1.8            | 0.2978 | 0.3193 | 0.0169      |
|                            | 52 n38w | 0.375       | 0.375       | 0.375       | 23.36              | -0.66              | -1.79              | 1.92                    | 264        | 3.67           | 3.91           | 4.6            | 0.3013 | 0.3208 | 0.0441      |
|                            | 53 n50w | 0.5         | 0.5         | 0.5         | 34.78              | -0.55              | -1.92              | 2.01                    | 267        | 7.91           | 8.39           | 9.75           | 0.3037 | 0.322  | 0.0947      |
|                            | 54 n63w | 0.625       | 0.625       | 0.625       | 46.81              | -0.46              | -2.0               | 2.06                    | 270        | 15.01          | 15.88          | 18.26          | 0.3054 | 0.323  | 0.1792      |
|                            | 55 n75w | 0.75        | 0.75        | 0.75        | 61.39              | -0.67              | -1.71              | 1.84                    | 264        | 28.05          | 29.7           | 33.6           | 0.3071 | 0.3251 | 0.3352      |
|                            | 56 n88w | 0.875       | 0.875       | 0.875       | 80.86              | -0.46              | -0.03              | 0.48                    | 324        | 55.14          | 58.21          | 63.43          | 0.3119 | 0.3293 | 0.6571      |
|                            | 57 n99w | 1.0         | 1.0         | 1.0         | 95.41              | -0.54              | -0.04              | 0.55                    | 0          | 83.91          | 88.59          | 96.53          | 0.3119 | 0.3293 | 1.0         |