

Farbmetrische "Norm-Daten": Fernseh-Lichtfarben-System TLS00 für Helligkeit  $L^*=00$  von Schwarz und für CIE-Normlichtart D65

| System TLS00   | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$ | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $Y_d/88.59$ |
|----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|-------|-------|-------|--------|--------|-------------|
| WCGa           | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.2       | 14         | 90.25   | 23.27  | 56.43 | 23.27 | 0.0   | 0.708  | 0.292  | 0.2626      |
|                | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.16   | 85.2       | 108        | -26.23  | 81.06  | 69.24 | 83.34 | 2.48  | 0.4465 | 0.5375 | 0.9406      |
| $L^*ABCh_{AB}$ | $C_d$  | 0.0   | 1.0   | 0.0   | 81.88   | 130.03     | 154        | -116.47 | 57.79  | 12.81 | 60.07 | 2.48  | 0.17   | 0.7971 | 0.678       |
| D65-Reflexion: | $C_d$  | 0.0   | 1.0   | 1.0   | 85.16   | 95.4       | 194        | -92.75  | -22.27 | 27.77 | 66.32 | 96.48 | 0.1457 | 0.348  | 0.7485      |
| $Y_N = 0.01$   | $B_d$  | 0.0   | 0.0   | 1.0   | 27.44   | 85.2       | 288        | 26.22   | -81.06 | 14.96 | 5.25  | 94.0  | 0.131  | 0.046  | 0.0593      |
| $L^*_d = 0.09$ | $M_d$  | 1.0   | 0.0   | 1.0   | 60.36   | 130.02     | 334        | 116.47  | -57.79 | 71.39 | 28.52 | 94.0  | 0.3682 | 0.1471 | 0.3219      |
|                | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.09    | 0.0        | 0          | 0.0     | 0.0    | 0.01  | 0.01  | 0.01  | 0.3322 | 0.3322 | 0.0001      |
| Normierung:    | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.41   | 0.01       | 0          | 0.0     | 0.0    | 84.21 | 88.6  | 96.48 | 0.3127 | 0.329  | 1.0         |
|                | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.09    | 0.0        | 0          | 0.0     | 0.0    | 0.01  | 0.01  | 0.01  | 0.3322 | 0.3322 | 0.0001      |
| Grau $Y_Z=18$  | $W1_d$ | 1.13  | 1.13  | 1.13  | 100.0   | 0.0        | 0          | 0.0     | 0.0    | 95.05 | 100.0 | 108.9 | 0.3127 | 0.329  | 1.1287      |
|                | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11 | 18.0  | 19.6  | 0.3127 | 0.329  | 0.2032      |

Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS00a für Helligkeit  $L^*=00a$  von Schwarz und für CIE-Normlichtart D65

| System TLS00a  | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$ | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $Y_d/88.59$ |
|----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|-------|-------|-------|--------|--------|-------------|
| WCGa           | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.2       | 14         | 90.25   | 23.27  | 56.43 | 23.27 | 0.0   | 0.708  | 0.292  | 0.2626      |
|                | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.16   | 85.2       | 108        | -26.23  | 81.06  | 69.24 | 83.34 | 2.48  | 0.4465 | 0.5375 | 0.9406      |
| $L^*ABCh_{AB}$ | $C_d$  | 0.0   | 1.0   | 0.0   | 81.88   | 130.03     | 154        | -116.47 | 57.79  | 12.81 | 60.07 | 2.48  | 0.17   | 0.7971 | 0.678       |
| D65-Reflexion: | $C_d$  | 0.0   | 1.0   | 1.0   | 85.16   | 95.4       | 194        | -92.75  | -22.27 | 27.77 | 66.32 | 96.48 | 0.1457 | 0.348  | 0.7485      |
| $Y_N = 0.01$   | $B_d$  | 0.0   | 0.0   | 1.0   | 27.44   | 85.2       | 288        | 26.22   | -81.06 | 14.96 | 5.25  | 94.0  | 0.131  | 0.046  | 0.0593      |
| $L^*_d = 0.09$ | $M_d$  | 1.0   | 0.0   | 1.0   | 60.36   | 130.02     | 334        | 116.47  | -57.79 | 71.39 | 28.52 | 94.0  | 0.3682 | 0.1471 | 0.3219      |
|                | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.09    | 0.0        | 0          | 0.0     | 0.0    | 0.01  | 0.01  | 0.01  | 0.3322 | 0.3322 | 0.0001      |
| Normierung:    | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.41   | 0.01       | 0          | 0.0     | 0.0    | 84.21 | 88.6  | 96.48 | 0.3127 | 0.329  | 1.0         |
|                | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.09    | 0.0        | 0          | 0.0     | 0.0    | 0.01  | 0.01  | 0.01  | 0.3322 | 0.3322 | 0.0001      |
| Grau $Y_Z=18$  | $W1_d$ | 1.13  | 1.13  | 1.13  | 100.0   | 0.0        | 0          | 0.0     | 0.0    | 95.05 | 100.0 | 108.9 | 0.3127 | 0.329  | 1.1287      |
|                | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11 | 18.0  | 19.6  | 0.3127 | 0.329  | 0.2032      |

Farbmetrische "Adaptierte Daten (b)": Fernseh-Lichtfarben-System TLS00b für Helligkeit  $L^*=00b$  von Schwarz und für CIE-Normlichtart D65

| System TLS00b  | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$              | $Y_d$              | $Z_d$               | $x_d$ | $y_d$ | $Y_d/88.59$ |
|----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|--------------------|--------------------|---------------------|-------|-------|-------------|
| WCGa           | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.2       | 14         | 90.25   | 23.27  | 56.43(=56.42+0.01) | 23.27(=23.26+0.01) | 0.0(=0.0+0.01)      | 56.43 | 23.27 | 0.2626      |
|                | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.16   | 85.2       | 108        | -26.23  | 81.06  | 69.24(=69.23+0.01) | 83.34(=83.33+0.01) | 2.48(=2.47+0.01)    | 69.24 | 83.34 | 0.9406      |
| $L^*ABCh_{AB}$ | $C_d$  | 0.0   | 1.0   | 0.0   | 81.88   | 130.03     | 154        | -116.47 | 57.79  | 12.81(=12.8+0.01)  | 60.07(=60.06+0.01) | 2.48(=2.47+0.01)    | 12.81 | 60.07 | 0.678       |
| D65-Reflexion: | $C_d$  | 0.0   | 1.0   | 1.0   | 85.16   | 95.4       | 194        | -92.75  | -22.27 | 27.77(=27.76+0.01) | 66.32(=66.31+0.01) | 96.48(=96.47+0.01)  | 27.77 | 66.32 | 0.7485      |
| $Y_N = 0.0$    | $B_d$  | 0.0   | 0.0   | 1.0   | 27.44   | 85.2       | 288        | 26.22   | -81.06 | 14.96(=14.95+0.01) | 5.25(=5.24+0.01)   | 94.0(=93.99+0.01)   | 14.96 | 5.25  | 0.0593      |
| $L^*_d = 0.0$  | $M_d$  | 1.0   | 0.0   | 1.0   | 60.36   | 130.02     | 334        | 116.47  | -57.79 | 71.39(=71.38+0.01) | 28.52(=28.51+0.01) | 94.0(=93.99+0.01)   | 71.39 | 28.52 | 0.3219      |
|                | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.09    | 0.0        | 0          | 0.0     | 0.0    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)     | 0.01  | 0.01  | 0.0001      |
| Normierung:    | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.41   | 0.01       | 0          | 0.0     | 0.0    | 84.21(=84.2+0.01)  | 88.6(=88.59+0.01)  | 96.48(=96.47+0.01)  | 84.21 | 88.6  | 1.0         |
|                | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.09    | 0.0        | 0          | 0.0     | 0.0    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)     | 0.01  | 0.01  | 0.0001      |
| Grau $Y_Z=18$  | $W1_d$ | 1.13  | 1.13  | 1.13  | 100.0   | 0.0        | 0          | 0.0     | 0.0    | 95.05(=95.04+0.01) | 100.0(=99.99+0.01) | 108.9(=108.89+0.01) | 95.05 | 100.0 | 1.1287      |
|                | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11(=17.1+0.01)  | 18.0(=17.99+0.01)  | 19.6(=19.59+0.01)   | 17.11 | 18.0  | 0.2032      |

Farbmetrische "Adaptierte Daten (b)": Fernseh-Lichtfarben-System TLS00b für Helligkeit  $L^*=00$  von Schwarz und für CIE-Normlichtart D65

| System TLS00b  | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$              | $Y_d$              | $Z_d$               | $x_d$  | $y_d$  | $Y_d/88.59$ |
|----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|--------------------|--------------------|---------------------|--------|--------|-------------|
| WCGa           | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.2       | 14         | 90.25   | 23.27  | 56.43(=56.42+0.01) | 23.27(=23.26+0.01) | 0.0(=0.0+0.01)      | 0.708  | 0.292  | 0.2626      |
|                | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.16   | 85.2       | 108        | -26.23  | 81.06  | 69.24(=69.23+0.01) | 83.34(=83.33+0.01) | 2.48(=2.47+0.01)    | 0.4465 | 0.5375 | 0.9406      |
| $L^*ABCh_{AB}$ | $G_d$  | 0.0   | 1.0   | 0.0   | 81.88   | 130.03     | 154        | -116.47 | 57.79  | 12.81(=12.8+0.01)  | 60.07(=60.06+0.01) | 2.48(=2.47+0.01)    | 0.17   | 0.7971 | 0.678       |
| D65-Reflexion: | $C_d$  | 0.0   | 1.0   | 1.0   | 85.16   | 95.4       | 194        | -92.75  | -22.27 | 27.77(=27.76+0.01) | 66.32(=66.31+0.01) | 96.48(=96.47+0.01)  | 0.1457 | 0.348  | 0.7485      |
|                | $B_d$  | 0.0   | 0.0   | 1.0   | 27.44   | 85.2       | 288        | 26.22   | -81.06 | 14.96(=14.95+0.01) | 5.25(=5.24+0.01)   | 94.0(=93.99+0.01)   | 0.131  | 0.046  | 0.0593      |
| $Y_N = 0.0$    | $M_d$  | 1.0   | 0.0   | 1.0   | 60.36   | 130.02     | 334        | 116.47  | -57.79 | 71.39(=71.38+0.01) | 28.52(=28.51+0.01) | 94.0(=93.99+0.01)   | 0.3682 | 0.1471 | 0.3219      |
| $L^*_N = 0.0$  | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.09    | 0.0        | 0          | 0.0     | 0.0    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)     | 0.3322 | 0.3322 | 0.0001      |
|                | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.41   | 0.01       | 0          | 0.0     | 0.0    | 84.21(=84.2+0.01)  | 88.6(=88.59+0.01)  | 96.48(=96.47+0.01)  | 0.3127 | 0.329  | 1.0         |
| Normierung:    | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.09    | 0.0        | 0          | 0.0     | 0.0    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)     | 0.3322 | 0.3322 | 0.0001      |
|                | $W1_d$ | 1.13  | 1.13  | 1.13  | 100.0   | 0.0        | 0          | 0.0     | 0.0    | 95.05(=95.04+0.01) | 100.0(=99.99+0.01) | 108.9(=108.89+0.01) | 0.3127 | 0.329  | 1.1287      |
| Grau $Y_Z=18$  | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11(=17.1+0.01)  | 18.0(=17.99+0.01)  | 19.6(=19.59+0.01)   | 0.3127 | 0.329  | 0.2032      |

Berechnete farbmetrische Daten: Fernseh-Lichtfarben-Systeme TLSxxa für Helligkeit  $L^*=00, 06, 11, 18$  von Schwarz und für CIE-Normlichtart D65

| System TLS00a  | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$             | $Y_d$             | $Z_d$               | $x_d$  | $y_d$  | $Y_d/88.59$ |
|----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|-------------------|-------------------|---------------------|--------|--------|-------------|
| WCGa           | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.14      | 14         | 90.19   | 23.26  | 56.41(=56.41+0.0) | 23.27(=23.27+0.0) | 0.01(=0.01+0.0)     | 0.7079 | 0.292  | 0.2627      |
|                | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.15   | 85.16      | 108        | -26.21  | 81.02  | 69.21(=69.21+0.0) | 83.3(=83.3+0.0)   | 2.49(=2.49+0.0)     | 0.4465 | 0.5374 | 0.9406      |
| $L^*ABCh_{AB}$ | $G_d$  | 0.0   | 1.0   | 0.0   | 81.86   | 129.96     | 154        | -116.41 | 57.76  | 12.81(=12.81+0.0) | 60.05(=60.05+0.0) | 2.49(=2.49+0.0)     | 0.17   | 0.7969 | 0.678       |
| D65-Reflexion: | $C_d$  | 0.0   | 1.0   | 1.0   | 85.15   | 95.35      | 194        | -92.7   | -22.26 | 27.76(=27.76+0.0) | 66.29(=66.29+0.0) | 96.44(=96.44+0.0)   | 0.1457 | 0.348  | 0.7486      |
|                | $B_d$  | 0.0   | 0.0   | 1.0   | 27.45   | 85.16      | 288        | 26.21   | -81.02 | 14.96(=14.96+0.0) | 5.26(=5.26+0.0)   | 93.96(=93.96+0.0)   | 0.131  | 0.046  | 0.0594      |
| $Y_N = 0.0$    | $M_d$  | 1.0   | 0.0   | 1.0   | 60.35   | 129.95     | 334        | 116.4   | -57.76 | 71.36(=71.36+0.0) | 28.51(=28.51+0.0) | 93.96(=93.96+0.0)   | 0.3681 | 0.1471 | 0.322       |
| $L^*_N = 0.0$  | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=0.02+0.0)   | 0.02(=0.02+0.0)   | 0.02(=0.02+0.0)     | 0.3328 | 0.3328 | 0.0002      |
|                | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.4    | 0.02       | 0          | -0.01   | 0.0    | 84.17(=84.17+0.0) | 88.56(=88.56+0.0) | 96.44(=96.44+0.0)   | 0.3127 | 0.329  | 1.0         |
| Normierung:    | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=0.02+0.0)   | 0.02(=0.02+0.0)   | 0.02(=0.02+0.0)     | 0.3328 | 0.3328 | 0.0002      |
|                | $W1_d$ | 1.13  | 1.13  | 1.13  | 99.98   | 0.01       | 0          | 0.0     | 0.0    | 95.0(=95.0+0.0)   | 99.95(=99.95+0.0) | 108.85(=108.85+0.0) | 0.3127 | 0.329  | 1.1287      |
| Grau $Y_Z=18$  | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11(=17.11+0.0) | 18.0(=18.0+0.0)   | 19.6(=19.6+0.0)     | 0.3127 | 0.329  | 0.2032      |

  

| System TLS06a  | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$             | $Y_d$              | $Z_d$                | $x_d$  | $y_d$  | $Y_d/88.59$ |
|----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|-------------------|--------------------|----------------------|--------|--------|-------------|
| WCGa           | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.14      | 14         | 90.19   | 23.26  | 56.41(=55.81+0.6) | 23.27(=22.64+0.63) | 0.01(=-0.67+0.69)    | 0.7079 | 0.292  | 0.2627      |
|                | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.15   | 85.16      | 108        | -26.21  | 81.02  | 69.21(=68.61+0.6) | 83.3(=82.67+0.63)  | 2.49(=1.8+0.69)      | 0.4465 | 0.5374 | 0.9406      |
| $L^*ABCh_{AB}$ | $G_d$  | 0.0   | 1.0   | 0.0   | 81.86   | 129.96     | 154        | -116.41 | 57.76  | 12.81(=12.21+0.6) | 60.05(=59.42+0.63) | 2.49(=1.8+0.69)      | 0.17   | 0.7969 | 0.678       |
| D65-Reflexion: | $C_d$  | 0.0   | 1.0   | 1.0   | 85.15   | 95.35      | 194        | -92.7   | -22.26 | 27.76(=27.17+0.6) | 66.29(=65.66+0.63) | 96.44(=95.75+0.69)   | 0.1457 | 0.348  | 0.7486      |
|                | $B_d$  | 0.0   | 0.0   | 1.0   | 27.45   | 85.16      | 288        | 26.21   | -81.02 | 14.96(=14.36+0.6) | 5.26(=-4.63+0.63)  | 93.96(=93.28+0.69)   | 0.131  | 0.046  | 0.0594      |
| $Y_N = 0.63$   | $M_d$  | 1.0   | 0.0   | 1.0   | 60.35   | 129.95     | 334        | 116.4   | -57.76 | 71.36(=70.76+0.6) | 28.51(=27.88+0.63) | 93.96(=93.28+0.69)   | 0.3681 | 0.1471 | 0.322       |
| $L^*_N = 5.69$ | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-0.57+0.6)  | 0.02(=-0.66+0.63)  | 0.02(=-0.66+0.69)    | 0.3328 | 0.3328 | 0.0002      |
|                | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.4    | 0.02       | 0          | -0.01   | 0.0    | 84.17(=83.57+0.6) | 88.56(=87.93+0.63) | 96.44(=95.75+0.69)   | 0.3127 | 0.329  | 1.0         |
| Normierung:    | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-0.57+0.6)  | 0.02(=-0.66+0.63)  | 0.02(=-0.66+0.69)    | 0.3328 | 0.3328 | 0.0002      |
|                | $W1_d$ | 1.13  | 1.13  | 1.13  | 99.98   | 0.01       | 0          | 0.0     | 0.0    | 95.0(=94.41+0.6)  | 99.95(=99.32+0.63) | 108.85(=108.17+0.69) | 0.3127 | 0.329  | 1.1287      |
| Grau $Y_Z=18$  | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11(=16.51+0.6) | 18.0(=17.37+0.63)  | 19.6(=18.91+0.69)    | 0.3127 | 0.329  | 0.2032      |

  

| System TLS11a  | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$             | $Y_d$              | $Z_d$                | $x_d$  | $y_d$  | $Y_d/88.59$ |
|----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|-------------------|--------------------|----------------------|--------|--------|-------------|
| WCGa           | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.14      | 14         | 90.19   | 23.26  | 56.41(=55.21+1.2) | 23.27(=22.01+1.26) | 0.01(=-1.35+1.37)    | 0.7079 | 0.292  | 0.2627      |
|                | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.15   | 85.16      | 108        | -26.21  | 81.02  | 69.21(=68.01+1.2) | 83.3(=82.04+1.26)  | 2.49(=1.12+1.37)     | 0.4465 | 0.5374 | 0.9406      |
| $L^*ABCh_{AB}$ | $G_d$  | 0.0   | 1.0   | 0.0   | 81.86   | 129.96     | 154        | -116.41 | 57.76  | 12.81(=11.62+1.2) | 60.05(=58.79+1.26) | 2.49(=1.12+1.37)     | 0.17   | 0.7969 | 0.678       |
| D65-Reflexion: | $C_d$  | 0.0   | 1.0   | 1.0   | 85.15   | 95.35      | 194        | -92.7   | -22.26 | 27.76(=26.57+1.2) | 66.29(=65.03+1.26) | 96.44(=95.07+1.37)   | 0.1457 | 0.348  | 0.7486      |
|                | $B_d$  | 0.0   | 0.0   | 1.0   | 27.45   | 85.16      | 288        | 26.21   | -81.02 | 14.96(=13.76+1.2) | 5.26(=4.0+1.26)    | 93.96(=92.59+1.37)   | 0.131  | 0.046  | 0.0594      |
| $Y_N = 1.26$   | $M_d$  | 1.0   | 0.0   | 1.0   | 60.35   | 129.95     | 334        | 116.4   | -57.76 | 71.36(=70.16+1.2) | 28.51(=27.25+1.26) | 93.96(=92.59+1.37)   | 0.3681 | 0.1471 | 0.322       |
| $L^*_N = 11.0$ | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-1.17+1.2)  | 0.02(=-1.23+1.26)  | 0.02(=-1.34+1.37)    | 0.3328 | 0.3328 | 0.0002      |
|                | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.4    | 0.02       | 0          | -0.01   | 0.0    | 84.17(=82.97+1.2) | 88.56(=87.37+1.26) | 96.44(=95.07+1.37)   | 0.3127 | 0.329  | 1.0         |
| Normierung:    | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-1.17+1.2)  | 0.02(=-1.23+1.26)  | 0.02(=-1.34+1.37)    | 0.3328 | 0.3328 | 0.0002      |
|                | $W1_d$ | 1.13  | 1.13  | 1.13  | 99.98   | 0.01       | 0          | 0.0     | 0.0    | 95.0(=93.81+1.2)  | 99.95(=98.69+1.26) | 108.85(=107.48+1.37) | 0.3127 | 0.329  | 1.1287      |
| Grau $Y_Z=18$  | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11(=15.91+1.2) | 18.0(=16.74+1.26)  | 19.6(=18.23+1.37)    | 0.3127 | 0.329  | 0.2032      |

  

| System TLS18a   | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$             | $Y_d$              | $Z_d$                | $x_d$  | $y_d$  | $Y_d/88.59$ |
|-----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|-------------------|--------------------|----------------------|--------|--------|-------------|
| WCGa            | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.14      | 14         | 90.19   | 23.26  | 56.41(=54.01+2.4) | 23.27(=20.75+2.52) | 0.01(=-2.72+2.74)    | 0.7079 | 0.292  | 0.2627      |
|                 | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.15   | 85.16      | 108        | -26.21  | 81.02  | 69.21(=66.81+2.4) | 83.3(=80.78+2.52)  | 2.49(=-0.25+2.74)    | 0.4465 | 0.5374 | 0.9406      |
| $L^*ABCh_{AB}$  | $G_d$  | 0.0   | 1.0   | 0.0   | 81.86   | 129.96     | 154        | -116.41 | 57.76  | 12.81(=10.42+2.4) | 60.05(=57.53+2.52) | 2.49(=-0.25+2.74)    | 0.17   | 0.7969 | 0.678       |
| D65-Reflexion:  | $C_d$  | 0.0   | 1.0   | 1.0   | 85.15   | 95.35      | 194        | -92.7   | -22.26 | 27.76(=25.37+2.4) | 66.29(=63.77+2.52) | 96.44(=93.7+2.74)    | 0.1457 | 0.348  | 0.7486      |
|                 | $B_d$  | 0.0   | 0.0   | 1.0   | 27.45   | 85.16      | 288        | 26.21   | -81.02 | 14.96(=12.57+2.4) | 5.26(=2.74+2.52)   | 93.96(=91.22+2.74)   | 0.131  | 0.046  | 0.0594      |
| $Y_N = 2.52$    | $M_d$  | 1.0   | 0.0   | 1.0   | 60.35   | 129.95     | 334        | 116.4   | -57.76 | 71.36(=68.96+2.4) | 28.51(=25.99+2.52) | 93.96(=91.22+2.74)   | 0.3681 | 0.1471 | 0.322       |
| $L^*_N = 18.01$ | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-2.37+2.4)  | 0.02(=-2.49+2.52)  | 0.02(=-2.71+2.74)    | 0.3328 | 0.3328 | 0.0002      |
|                 | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.4    | 0.02       | 0          | -0.01   | 0.0    | 84.17(=81.78+2.4) | 88.56(=86.04+2.52) | 96.44(=93.7+2.74)    | 0.3127 | 0.329  | 1.0         |
| Normierung:     | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-2.37+2.4)  | 0.02(=-2.49+2.52)  | 0.02(=-2.71+2.74)    | 0.3328 | 0.3328 | 0.0002      |
|                 | $W1_d$ | 1.13  | 1.13  | 1.13  | 99.98   | 0.01       | 0          | 0.0     | 0.0    | 95.0(=92.61+2.4)  | 99.95(=97.43+2.52) | 108.85(=106.11+2.74) | 0.3127 | 0.329  | 1.1287      |
| Grau $Y_Z=18$   | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11(=14.71+2.4) | 18.0(=15.48+2.52)  | 19.6(=16.86+2.74)    | 0.3127 | 0.329  | 0.2032      |

AGM50-7N, Farbmetrische Daten des Fernseh-Lichtfarben-Systems TLS00a für CIE-Normlichtart D65; TLS00 System; Seite: 2/3

Prüfvorlage AGM5; 8 Grundfarben  $RYGCBMNW_d$  für  $TLS00 \dots TLS70$  Eingabe:  $rgb/cmy0/000n/w$ Berechnung  $L^*ABCh_{AB}$ -Daten für WCGa-Display für 8 Reflexionen für Normierung Grau  $Y_Z=18$

Farbmetrische "Adaptierte Daten (b)": Fernseh-Lichtfarben-System TLS00b für Helligkeit  $L^*=00$  von Schwarz und für CIE-Normlichtart D65

| System TLS00b  | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$              | $Y_d$              | $Z_d$               | $x_d$  | $y_d$  | $Y_d/88.59$ |
|----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|--------------------|--------------------|---------------------|--------|--------|-------------|
| WCGa           | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.2       | 14         | 90.25   | 23.27  | 56.43(=56.42+0.01) | 23.27(=23.26+0.01) | 0.0(=0.0+0.01)      | 0.708  | 0.292  | 0.2626      |
|                | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.16   | 85.2       | 108        | -26.23  | 81.06  | 69.24(=69.23+0.01) | 83.34(=83.33+0.01) | 2.48(=2.47+0.01)    | 0.4465 | 0.5375 | 0.9406      |
| $L^*ABCh_{AB}$ | $G_d$  | 0.0   | 1.0   | 0.0   | 81.88   | 130.03     | 154        | -116.47 | 57.79  | 12.81(=12.8+0.01)  | 60.07(=60.06+0.01) | 2.48(=2.47+0.01)    | 0.17   | 0.7971 | 0.678       |
| D65-Reflexion: | $C_d$  | 0.0   | 1.0   | 1.0   | 85.16   | 95.4       | 194        | -92.75  | -22.27 | 27.77(=27.76+0.01) | 66.32(=66.31+0.01) | 96.48(=96.47+0.01)  | 0.1457 | 0.348  | 0.7485      |
|                | $B_d$  | 0.0   | 0.0   | 1.0   | 27.44   | 85.2       | 288        | 26.22   | -81.06 | 14.96(=14.95+0.01) | 5.25(=5.24+0.01)   | 94.0(=93.99+0.01)   | 0.131  | 0.046  | 0.0593      |
| $Y_N = 0.0$    | $M_d$  | 1.0   | 0.0   | 1.0   | 60.36   | 130.02     | 334        | 116.47  | -57.79 | 71.39(=71.38+0.01) | 28.52(=28.51+0.01) | 94.0(=93.99+0.01)   | 0.3682 | 0.1471 | 0.3219      |
| $L^*_N = 0.0$  | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.09    | 0.0        | 0          | 0.0     | 0.0    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)     | 0.3322 | 0.3322 | 0.0001      |
|                | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.41   | 0.01       | 0          | 0.0     | 0.0    | 84.21(=84.2+0.01)  | 88.6(=88.59+0.01)  | 96.48(=96.47+0.01)  | 0.3127 | 0.329  | 1.0         |
| Normierung:    | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.09    | 0.0        | 0          | 0.0     | 0.0    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)    | 0.01(=0.0+0.01)     | 0.3322 | 0.3322 | 0.0001      |
|                | $W1_d$ | 1.13  | 1.13  | 1.13  | 100.0   | 0.0        | 0          | 0.0     | 0.0    | 95.05(=95.04+0.01) | 100.0(=99.99+0.01) | 108.9(=108.89+0.01) | 0.3127 | 0.329  | 1.1287      |
| Grau $Y_Z=18$  | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11(=17.1+0.01)  | 18.0(=17.99+0.01)  | 19.6(=19.59+0.01)   | 0.3127 | 0.329  | 0.2032      |

Berechnete farbmetrische Daten: Fernseh-Lichtfarben-Systeme TLSxxa für Helligkeit  $L^*=27, 33, 52, 70$  von Schwarz und für CIE-Normlichtart D65

| System TLS27a   | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$              | $Y_d$              | $Z_d$                | $x_d$  | $y_d$  | $Y_d/88.59$ |
|-----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|--------------------|--------------------|----------------------|--------|--------|-------------|
| WCGa            | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.14      | 14         | 90.19   | 23.26  | 56.41(=56.42+4.79) | 23.27(=18.23+5.04) | 0.01(=-5.47+5.49)    | 0.7079 | 0.292  | 0.2627      |
|                 | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.15   | 85.16      | 108        | -26.21  | 81.02  | 69.21(=64.42+4.79) | 83.3(=78.26+5.04)  | 2.49(=-2.99+5.49)    | 0.4465 | 0.5374 | 0.9406      |
| $L^*ABCh_{AB}$  | $G_d$  | 0.0   | 1.0   | 0.0   | 81.86   | 129.96     | 154        | -116.41 | 57.76  | 12.81(=8.22+4.79)  | 60.05(=55.01+5.04) | 2.49(=-2.99+5.49)    | 0.17   | 0.7969 | 0.678       |
| D65-Reflexion:  | $C_d$  | 0.0   | 1.0   | 1.0   | 85.15   | 95.35      | 194        | -92.7   | -22.26 | 27.76(=22.97+4.79) | 66.29(=61.25+5.04) | 96.44(=90.95+5.49)   | 0.1457 | 0.348  | 0.7486      |
|                 | $B_d$  | 0.0   | 0.0   | 1.0   | 27.45   | 85.16      | 288        | 26.21   | -81.02 | 14.96(=10.17+4.79) | 5.26(=0.22+5.04)   | 93.96(=88.47+5.49)   | 0.131  | 0.046  | 0.0594      |
| $Y_N = 5.04$    | $M_d$  | 1.0   | 0.0   | 1.0   | 60.35   | 129.95     | 334        | 116.4   | -57.76 | 71.36(=66.57+4.79) | 28.51(=23.47+5.04) | 93.96(=88.47+5.49)   | 0.3681 | 0.1471 | 0.322       |
| $L^*_N = 26.85$ | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-4.76+4.79)  | 0.02(=-5.01+5.04)  | 0.02(=-5.46+5.49)    | 0.3328 | 0.3328 | 0.0002      |
|                 | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.4    | 0.02       | 0          | -0.01   | 0.0    | 84.17(=79.38+4.79) | 88.56(=83.52+5.04) | 96.44(=90.95+5.49)   | 0.3127 | 0.329  | 1.0         |
| Normierung:     | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-4.76+4.79)  | 0.02(=-5.01+5.04)  | 0.02(=-5.46+5.49)    | 0.3328 | 0.3328 | 0.0002      |
|                 | $W1_d$ | 1.13  | 1.13  | 1.13  | 99.98   | 0.01       | 0          | 0.0     | 0.0    | 99.95(=94.91+5.04) | 99.95(=94.91+5.04) | 108.85(=103.37+5.49) | 0.3127 | 0.329  | 1.1287      |
| Grau $Y_Z=18$   | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11(=12.32+4.79) | 18.0(=12.96+5.04)  | 19.6(=14.11+5.49)    | 0.3127 | 0.329  | 0.2032      |

  

| System TLS38a   | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$              | $Y_d$               | $Z_d$                | $x_d$  | $y_d$  | $Y_d/88.59$ |
|-----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|--------------------|---------------------|----------------------|--------|--------|-------------|
| WCGa            | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.14      | 14         | 90.19   | 23.26  | 56.41(=46.83+9.58) | 23.27(=13.19+10.08) | 0.01(=-10.96+10.98)  | 0.7079 | 0.292  | 0.2627      |
|                 | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.15   | 85.16      | 108        | -26.21  | 81.02  | 69.21(=59.63+9.58) | 83.3(=73.22+10.08)  | 2.49(=-8.48+10.98)   | 0.4465 | 0.5374 | 0.9406      |
| $L^*ABCh_{AB}$  | $G_d$  | 0.0   | 1.0   | 0.0   | 81.86   | 129.96     | 154        | -116.41 | 57.76  | 12.81(=3.23+9.58)  | 60.05(=49.97+10.08) | 2.49(=-8.48+10.98)   | 0.17   | 0.7969 | 0.678       |
| D65-Reflexion:  | $C_d$  | 0.0   | 1.0   | 1.0   | 85.15   | 95.35      | 194        | -92.7   | -22.26 | 27.76(=18.18+9.58) | 66.29(=56.21+10.08) | 96.44(=85.47+10.98)  | 0.1457 | 0.348  | 0.7486      |
|                 | $B_d$  | 0.0   | 0.0   | 1.0   | 27.45   | 85.16      | 288        | 26.21   | -81.02 | 14.96(=5.38+9.58)  | 5.26(=-4.81+10.08)  | 93.96(=82.99+10.98)  | 0.131  | 0.046  | 0.0594      |
| $Y_N = 10.08$   | $M_d$  | 1.0   | 0.0   | 1.0   | 60.35   | 129.95     | 334        | 116.4   | -57.76 | 71.36(=61.78+9.58) | 28.51(=18.43+10.08) | 93.96(=82.99+10.98)  | 0.3681 | 0.1471 | 0.322       |
| $L^*_N = 37.99$ | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-9.55+9.58)  | 0.02(=-10.95+10.98) | 0.02(=-10.95+10.98)  | 0.3328 | 0.3328 | 0.0002      |
|                 | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.4    | 0.02       | 0          | -0.01   | 0.0    | 84.17(=74.59+9.58) | 88.56(=78.48+10.08) | 96.44(=85.47+10.98)  | 0.3127 | 0.329  | 1.0         |
| Normierung:     | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-9.55+9.58)  | 0.02(=-10.95+10.98) | 0.02(=-10.95+10.98)  | 0.3328 | 0.3328 | 0.0002      |
|                 | $W1_d$ | 1.13  | 1.13  | 1.13  | 99.98   | 0.01       | 0          | 0.0     | 0.0    | 95.0(=85.42+9.58)  | 99.95(=89.87+10.08) | 108.85(=97.88+10.98) | 0.3127 | 0.329  | 1.1287      |
| Grau $Y_Z=18$   | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11(=7.53+9.58)  | 18.0(=7.92+10.08)   | 19.6(=8.62+10.98)    | 0.3127 | 0.329  | 0.2032      |

  

| System TLS52a   | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$               | $Y_d$               | $Z_d$               | $x_d$  | $y_d$  | $Y_d/88.59$ |
|-----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|---------------------|---------------------|---------------------|--------|--------|-------------|
| WCGa            | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.14      | 14         | 90.19   | 23.26  | 56.41(=37.25+19.16) | 23.27(=3.11+20.16)  | 0.01(=-21.93+21.95) | 0.7079 | 0.292  | 0.2627      |
|                 | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.15   | 85.16      | 108        | -26.21  | 81.02  | 69.21(=50.05+19.16) | 83.3(=63.14+20.16)  | 2.49(=-19.45+21.95) | 0.4465 | 0.5374 | 0.9406      |
| $L^*ABCh_{AB}$  | $G_d$  | 0.0   | 1.0   | 0.0   | 81.86   | 129.96     | 154        | -116.41 | 57.76  | 12.81(=-6.34+19.16) | 60.05(=39.89+20.16) | 2.49(=-19.45+21.95) | 0.17   | 0.7969 | 0.678       |
| D65-Reflexion:  | $C_d$  | 0.0   | 1.0   | 1.0   | 85.15   | 95.35      | 194        | -92.7   | -22.26 | 27.76(=8.6+19.16)   | 66.29(=46.13+20.16) | 96.44(=74.49+21.95) | 0.1457 | 0.348  | 0.7486      |
|                 | $B_d$  | 0.0   | 0.0   | 1.0   | 27.45   | 85.16      | 288        | 26.21   | -81.02 | 14.96(=-4.19+19.16) | 5.26(=-14.89+20.16) | 93.96(=72.01+21.95) | 0.131  | 0.046  | 0.0594      |
| $Y_N = 20.16$   | $M_d$  | 1.0   | 0.0   | 1.0   | 60.35   | 129.95     | 334        | 116.4   | -57.76 | 71.36(=52.2+19.16)  | 28.51(=8.35+20.16)  | 93.96(=72.01+21.95) | 0.3681 | 0.1471 | 0.322       |
| $L^*_N = 52.02$ | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-19.13+19.16) | 0.02(=-20.13+20.16) | 0.02(=-21.92+21.95) | 0.3328 | 0.3328 | 0.0002      |
|                 | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.4    | 0.02       | 0          | -0.01   | 0.0    | 84.17(=65.01+19.16) | 88.56(=68.4+20.16)  | 96.44(=74.49+21.95) | 0.3127 | 0.329  | 1.0         |
| Normierung:     | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-19.13+19.16) | 0.02(=-20.13+20.16) | 0.02(=-21.92+21.95) | 0.3328 | 0.3328 | 0.0002      |
|                 | $W1_d$ | 1.13  | 1.13  | 1.13  | 99.98   | 0.01       | 0          | 0.0     | 0.0    | 95.0(=75.84+19.16)  | 99.95(=79.79+20.16) | 108.85(=86.9+21.95) | 0.3127 | 0.329  | 1.1287      |
| Grau $Y_Z=18$   | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11(=-2.04+19.16) | 18.0(=-2.15+20.16)  | 19.6(=-2.34+21.95)  | 0.3127 | 0.329  | 0.2032      |

  

| System TLS70a  | Farbe  | $r_d$ | $g_d$ | $b_d$ | $L^*_d$ | $C_{AB,d}$ | $h_{AB,d}$ | $A_d$   | $B_d$  | $X_d$                | $Y_d$                | $Z_d$               | $x_d$  | $y_d$  | $Y_d/88.59$ |
|----------------|--------|-------|-------|-------|---------|------------|------------|---------|--------|----------------------|----------------------|---------------------|--------|--------|-------------|
| WCGa           | $R_d$  | 1.0   | 0.0   | 0.0   | 55.35   | 93.14      | 14         | 90.19   | 23.26  | 56.41(=18.09+38.32)  | 23.27(=-17.04+40.32) | 0.01(=-43.88+43.9)  | 0.7079 | 0.292  | 0.2627      |
|                | $Y_d$  | 1.0   | 1.0   | 0.0   | 93.15   | 85.16      | 108        | -26.21  | 81.02  | 69.21(=30.89+38.32)  | 83.3(=42.98+40.32)   | 2.49(=-41.4+43.9)   | 0.4465 | 0.5374 | 0.9406      |
| $L^*ABCh_{AB}$ | $G_d$  | 0.0   | 1.0   | 0.0   | 81.86   | 129.96     | 154        | -116.41 | 57.76  | 12.81(=-25.5+38.32)  | 60.05(=19.73+40.32)  | 2.49(=-41.4+43.9)   | 0.17   | 0.7969 | 0.678       |
| D65-Reflexion: | $C_d$  | 0.0   | 1.0   | 1.0   | 85.15   | 95.35      | 194        | -92.7   | -22.26 | 27.76(=-10.55+38.32) | 66.29(=25.97+40.32)  | 96.44(=52.54+43.9)  | 0.1457 | 0.348  | 0.7486      |
|                | $B_d$  | 0.0   | 0.0   | 1.0   | 27.45   | 85.16      | 288        | 26.21   | -81.02 | 14.96(=-23.35+38.32) | 5.26(=-35.05+40.32)  | 93.96(=50.06+43.9)  | 0.131  | 0.046  | 0.0594      |
| $Y_N = 40.32$  | $M_d$  | 1.0   | 0.0   | 1.0   | 60.35   | 129.95     | 334        | 116.4   | -57.76 | 71.36(=33.04+38.32)  | 28.51(=-11.8+40.32)  | 93.96(=50.06+43.9)  | 0.3681 | 0.1471 | 0.322       |
| $L^*_N = 69.7$ | $N0_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-38.29+38.32)  | 0.02(=-40.29+40.32)  | 0.02(=-43.87+43.9)  | 0.3328 | 0.3328 | 0.0002      |
|                | $W0_d$ | 1.0   | 1.0   | 1.0   | 95.4    | 0.02       | 0          | -0.01   | 0.0    | 84.17(=45.85+38.32)  | 88.56(=48.24+40.32)  | 96.44(=52.54+43.9)  | 0.3127 | 0.329  | 1.0         |
| Normierung:    | $N1_d$ | 0.0   | 0.0   | 0.0   | 0.18    | 0.0        | 0          | 0.0     | 0.0    | 0.02(=-38.29+38.32)  | 0.02(=-40.29+40.32)  | 0.02(=-43.87+43.9)  | 0.3328 | 0.3328 | 0.0002      |
|                | $W1_d$ | 1.13  | 1.13  | 1.13  | 99.98   | 0.01       | 0          | 0.0     | 0.0    | 95.0(=56.68+38.32)   | 99.95(=59.63+40.32)  | 108.85(=64.95+43.9) | 0.3127 | 0.329  | 1.1287      |
| Grau $Y_Z=18$  | $Z1_d$ | 0.18  | 0.18  | 0.18  | 49.5    | 0.0        | 0          | 0.0     | 0.0    | 17.11(=-21.2+38.32)  | 18.0(=-22.31+40.32)  | 19.6(=-24.29+43.9)  | 0.3127 | 0.329  | 0.2032      |

AGM50-7N, Farbmetrische Daten des Fernseh-Lichtfarben-Systems TLS00a für CIE-Normlichtart D65; TLS00 System; Seite: 3/3

Prüfvorlage AGM5; 8 Grundfarben  $RYGCBMNW_d$  für  $TLS00 \dots TLS70$  Eingabe:  $rgb/cmy0/000n/w$ Berechnung  $L^*ABCh_{AB}$ -Daten für WCGa-Display für 8 Reflexionen für Normierung Grau  $Y_Z=18$