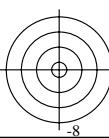


see similar files: <http://farbe.li.tu-berlin.de/>
 technical information: <http://farbe.li.tu-berlin.de/> or <http://farbe.li.tu-berlin.de/AEH8/AEH8.HTM>



| TLS00 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{Nn} = 0.0$, $L^*_{Nn} = 0.0$, $Y_{Wa} = 88.6$ | | | | | | | | |
|---|----------|----------|----------|-------------------|-------------------|---------------------|----------|----------|
| Colour | <i>r</i> | <i>g</i> | <i>b</i> | <i>X</i> | <i>Y</i> | <i>Z</i> | <i>x</i> | <i>y</i> |
| <i>R_d</i> | 1.0 | 0.0 | 0.0 | 36.55(=36.55+0.0) | 18.85(=18.85+0.0) | 1.72(=1.72+0.0) | 0.6399 | 0.33 |
| <i>Y_d</i> | 1.0 | 1.0 | 0.0 | 76.99(=76.99+0.0) | 92.78(=92.78+0.0) | 13.86(=13.86+0.0) | 0.4193 | 0.5053 |
| <i>G_d</i> | 0.0 | 1.0 | 0.0 | 35.77(=35.77+0.0) | 71.52(=71.52+0.0) | 11.92(=11.92+0.0) | 0.3 | 0.6 |
| <i>C_d</i> | 0.0 | 1.0 | 1.0 | 53.81(=53.81+0.0) | 78.74(=78.74+0.0) | 106.98(=106.98+0.0) | 0.2247 | 0.3287 |
| <i>B_d</i> | 0.0 | 0.0 | 1.0 | 18.06(=18.06+0.0) | 7.23(=7.23+0.0) | 95.06(=95.06+0.0) | 0.15 | 0.0601 |
| <i>M_d</i> | 1.0 | 0.0 | 1.0 | 59.28(=59.28+0.0) | 28.49(=28.49+0.0) | 96.99(=96.99+0.0) | 0.3209 | 0.1542 |
| <i>N0_d</i> | 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 |
| <i>W0_d</i> | 1.0 | 1.0 | 1.0 | 84.21(=84.21+0.0) | 88.6(=88.6+0.0) | 96.48(=96.48+0.0) | 0.3127 | 0.329 |
| <i>NI_d</i> | 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 |
| <i>WI_d</i> | 1.13 | 1.13 | 1.13 | 95.05(=95.05+0.0) | 100.0(=100.0+0.0) | 108.9(=108.9+0.0) | 0.3127 | 0.329 |
| <i>ZI_d</i> | 0.18 | 0.18 | 0.18 | 17.12(=17.12+0.0) | 18.01(=18.01+0.0) | 19.61(=19.61+0.0) | 0.3127 | 0.329 |

AEH80-1N.

| TLS06 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{Nn} = 0.63$, $L^*_{Nn} = 5.69$, $Y_{Wa} = 88.6$ | | | | | | | | |
|---|----------|----------|----------|-------------------|--------------------|----------------------|----------|----------|
| Colour | <i>r</i> | <i>g</i> | <i>b</i> | <i>X</i> | <i>Y</i> | <i>Z</i> | <i>x</i> | <i>y</i> |
| <i>R_d</i> | 1.0 | 0.0 | 0.0 | 36.88(=36.28+0.6) | 19.34(=18.71+0.63) | 2.39(=1.7+0.69) | 0.6293 | 0.3299 |
| <i>Y_d</i> | 1.0 | 1.0 | 0.0 | 77.04(=76.44+0.6) | 92.75(=92.12+0.63) | 14.44(=13.76+0.69) | 0.4182 | 0.5034 |
| <i>G_d</i> | 0.0 | 1.0 | 0.0 | 36.11(=35.51+0.6) | 71.64(=71.01+0.63) | 12.51(=11.83+0.69) | 0.3002 | 0.5957 |
| <i>C_d</i> | 0.0 | 1.0 | 1.0 | 54.03(=53.43+0.6) | 78.81(=78.18+0.63) | 106.9(=106.22+0.69) | 0.2254 | 0.3287 |
| <i>B_d</i> | 0.0 | 0.0 | 1.0 | 18.52(=17.92+0.6) | 7.8(=7.17+0.63) | 95.07(=94.38+0.69) | 0.1526 | 0.0642 |
| <i>M_d</i> | 1.0 | 0.0 | 1.0 | 59.46(=58.86+0.6) | 28.91(=28.28+0.63) | 96.99(=96.3+0.69) | 0.3208 | 0.156 |
| <i>N0_d</i> | 0.0 | 0.0 | 0.0 | 0.61(=0.01+0.6) | 0.64(=0.01+0.63) | 0.7(=0.01+0.69) | 0.3128 | 0.3282 |
| <i>W0_d</i> | 1.0 | 1.0 | 1.0 | 84.21(=83.61+0.6) | 88.6(=87.97+0.63) | 96.48(=95.79+0.69) | 0.3127 | 0.329 |
| <i>NI_d</i> | 0.0 | 0.0 | 0.0 | 0.61(=0.01+0.6) | 0.64(=0.01+0.63) | 0.7(=0.01+0.69) | 0.3128 | 0.3282 |
| <i>WI_d</i> | 1.13 | 1.13 | 1.13 | 94.97(=94.37+0.6) | 99.92(=99.29+0.63) | 108.81(=108.13+0.69) | 0.3127 | 0.329 |
| <i>ZI_d</i> | 0.18 | 0.18 | 0.18 | 17.59(=16.99+0.6) | 18.5(=17.87+0.63) | 20.15(=19.46+0.69) | 0.3127 | 0.329 |

AEH80-3N.

| TLS11 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{Nn} = 1.26$, $L^*_{Nn} = 11.0$, $Y_{Wa} = 88.6$ | | | | | | | | |
|---|----------|----------|----------|-------------------|--------------------|----------------------|----------|----------|
| Colour | <i>r</i> | <i>g</i> | <i>b</i> | <i>X</i> | <i>Y</i> | <i>Z</i> | <i>x</i> | <i>y</i> |
| <i>R_d</i> | 1.0 | 0.0 | 0.0 | 37.22(=36.02+1.2) | 19.83(=18.57+1.26) | 3.06(=1.68+1.37) | 0.6192 | 0.3299 |
| <i>Y_d</i> | 1.0 | 1.0 | 0.0 | 77.09(=75.9+1.2) | 92.72(=91.46+1.26) | 15.02(=13.65+1.37) | 0.4171 | 0.5016 |
| <i>G_d</i> | 0.0 | 1.0 | 0.0 | 36.45(=35.25+1.2) | 71.76(=70.5+1.26) | 13.11(=11.74+1.37) | 0.3004 | 0.5915 |
| <i>C_d</i> | 0.0 | 1.0 | 1.0 | 54.24(=53.05+1.2) | 78.88(=77.62+1.26) | 106.83(=105.46+1.37) | 0.2261 | 0.3287 |
| <i>B_d</i> | 0.0 | 0.0 | 1.0 | 18.99(=17.8+1.2) | 8.38(=7.12+1.26) | 95.08(=93.71+1.37) | 0.1551 | 0.0684 |
| <i>M_d</i> | 1.0 | 0.0 | 1.0 | 59.64(=58.44+1.2) | 29.33(=28.07+1.26) | 96.98(=95.61+1.37) | 0.3207 | 0.1578 |
| <i>N0_d</i> | 0.0 | 0.0 | 0.0 | 1.21(=0.01+1.2) | 1.27(=0.01+1.26) | 1.38(=0.01+1.37) | 0.3135 | 0.329 |
| <i>W0_d</i> | 1.0 | 1.0 | 1.0 | 84.21(=83.01+1.2) | 88.6(=87.34+1.26) | 96.48(=95.11+1.37) | 0.3127 | 0.329 |
| <i>NI_d</i> | 0.0 | 0.0 | 0.0 | 1.21(=0.01+1.2) | 1.27(=0.01+1.26) | 1.38(=0.01+1.37) | 0.3135 | 0.329 |
| <i>WI_d</i> | 1.13 | 1.13 | 1.13 | 94.9(=93.7+1.2) | 99.84(=98.58+1.26) | 108.72(=107.35+1.37) | 0.3127 | 0.329 |
| <i>ZI_d</i> | 0.18 | 0.18 | 0.18 | 18.07(=16.87+1.2) | 19.0(=17.74+1.26) | 20.69(=19.32+1.37) | 0.3128 | 0.329 |

AEH80-5N.

| TLS18 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{Nn} = 2.52$, $L^*_{Nn} = 18.01$, $Y_{Wa} = 88.6$ | | | | | | | | |
|--|----------|----------|----------|-------------------|--------------------|----------------------|----------|----------|
| Colour | <i>r</i> | <i>g</i> | <i>b</i> | <i>X</i> | <i>Y</i> | <i>Z</i> | <i>x</i> | <i>y</i> |
| <i>R_d</i> | 1.0 | 0.0 | 0.0 | 37.9(=35.5+2.4) | 20.82(=18.3+2.52) | 4.4(=1.66+2.74) | 0.6004 | 0.3299 |
| <i>Y_d</i> | 1.0 | 1.0 | 0.0 | 77.2(=74.8+2.4) | 92.66(=90.14+2.52) | 16.2(=13.45+2.74) | 0.4149 | 0.498 |
| <i>G_d</i> | 0.0 | 1.0 | 0.0 | 37.14(=34.75+2.4) | 72.01(=69.49+2.52) | 14.31(=11.57+2.74) | 0.3008 | 0.5832 |
| <i>C_d</i> | 0.0 | 1.0 | 1.0 | 54.68(=52.28+2.4) | 79.02(=76.5+2.52) | 106.68(=103.94+2.74) | 0.2275 | 0.3287 |
| <i>B_d</i> | 0.0 | 0.0 | 1.0 | 19.94(=17.54+2.4) | 9.53(=7.01+2.52) | 95.1(=92.36+2.74) | 0.16 | 0.0765 |
| <i>M_d</i> | 1.0 | 0.0 | 1.0 | 59.99(=57.6+2.4) | 30.19(=27.67+2.52) | 96.98(=94.23+2.74) | 0.3205 | 0.1613 |
| <i>N0_d</i> | 0.0 | 0.0 | 0.0 | 2.41(=0.01+2.4) | 2.53(=0.01+2.52) | 2.75(=0.01+2.74) | 0.3134 | 0.329 |
| <i>W0_d</i> | 1.0 | 1.0 | 1.0 | 84.21(=81.82+2.4) | 88.6(=86.08+2.52) | 96.48(=93.74+2.74) | 0.3127 | 0.329 |
| <i>NI_d</i> | 0.0 | 0.0 | 0.0 | 2.41(=0.01+2.4) | 2.53(=0.01+2.52) | 2.75(=0.01+2.74) | 0.3134 | 0.329 |
| <i>WI_d</i> | 1.13 | 1.13 | 1.13 | 94.74(=92.35+2.4) | 99.68(=97.16+2.52) | 108.55(=105.8+2.74) | 0.3127 | 0.329 |
| <i>ZI_d</i> | 0.18 | 0.18 | 0.18 | 19.02(=16.63+2.4) | 20.01(=17.49+2.52) | 21.78(=19.04+2.74) | 0.3128 | 0.329 |

AEH80-7N.

Test chart AEH8; Reflection colorimetry for displays TLS00..TLS70
 CIELAB-LabC*h_{ab} data for sRGB device, $Y_{Nn}=0$ to 40, $L^*_{Nn}=0$ to 70, adaptation $Y_{Wa}=88,6$
 input: $rgb/cmy0/000n/k$

| TLS27 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{Nn} = 5.04$, $L^*_{Nn} = 26.85$, $Y_{Wa} = 88,6$ | | | | | | | | |
|--|----------|----------|----------|--------------------|--------------------|----------------------|----------|----------|
| Colour | <i>r</i> | <i>g</i> | <i>b</i> | <i>X</i> | <i>Y</i> | <i>Z</i> | <i>x</i> | <i>y</i> |
| <i>R_d</i> | 1.0 | 0.0 | 0.0 | 39.25(=34.46+4.79) | 22.81(=17.77+5.04) | 7.1(=1.62+5.49) | 0.5675 | 0.3298 |
| <i>Y_d</i> | 1.0 | 1.0 | 0.0 | 77.4(=72.61+4.79) | 92.54(=87.5+5.04) | 18.55(=13.06+5.49) | 0.4106 | 0.491 |
| <i>G_d</i> | 0.0 | 1.0 | 0.0 | 38.52(=33.73+4.79) | 72.49(=67.45+5.04) | 16.72(=11.23+5.49) | 0.3015 | 0.5675 |
| <i>C_d</i> | 0.0 | 1.0 | 1.0 | 55.54(=50.75+4.79) | 79.3(=74.26+5.04) | 106.38(=100.9+5.49) | 0.2302 | 0.3287 |
| <i>B_d</i> | 0.0 | 0.0 | 1.0 | 21.81(=17.02+4.79) | 11.85(=6.81+5.04) | 95.14(=89.65+5.49) | 0.1694 | 0.092 |
| <i>M_d</i> | 1.0 | 0.0 | 1.0 | 60.7(=55.91+4.79) | 31.9(=26.86+5.04) | 96.96(=91.47+5.49) | 0.3202 | 0.1683 |
| <i>N0_d</i> | 0.0 | 0.0 | 0.0 | 4.8(=0.01+4.79) | 5.05(=0.01+5.04) | 5.5(=0.01+5.49) | 0.3127 | 0.329 |
| <i>W0_d</i> | 1.0 | 1.0 | 1.0 | 84.21(=79.42+4.79) | 88.6(=83.56+5.04) | 96.48(=90.99+5.49) | 0.3127 | 0.329 |
| <i>NI_d</i> | 0.0 | 0.0 | 0.0 | 4.8(=0.01+4.79) | 5.05(=0.01+5.04) | 5.5(=0.01+5.49) | 0.3127 | 0.329 |
| <i>WI_d</i> | 1.13 | 1.13 | 1.13 | 94.43(=89.64+4.79) | 99.35(=94.31+5.04) | 108.19(=102.71+5.49) | 0.3127 | 0.329 |
| <i>ZI_d</i> | 0.18 | 0.18 | 0.18 | 20.93(=16.14+4.79) | 22.02(=16.98+5.04) | 23.97(=18.49+5.49) | 0.3127 | 0.329 |

AEH81-1N.

| TLS38 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{Nn} = 10.08$, $L^*_{Nn} = 37.9$ |
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