

http://farbe.li.tu-berlin.de/AEJ8/AEJ8LONA.PDF /PS; start output  
N: no 3D-linearization (OL) in file (F) or PS-startup (S)

**TL500 Reflection colorimetry, System WCGa, CIELAB-LabC<sup>h</sup>, Y<sub>N0</sub> = 0.0, L<sup>\*</sup><sub>N0</sub> = 0.0, Y<sub>W0</sub> = 88.6**

| Colour r        | g    | b    | X    | Y                 | Z                 | x                 | y             |
|-----------------|------|------|------|-------------------|-------------------|-------------------|---------------|
| R <sub>d</sub>  | 1.0  | 0.0  | 0.0  | 29.02(-29.02+0.0) | 16.25(-16.25+0.0) | 4.27(-4.27+0.0)   | 0.5858 0.328  |
| Y <sub>d</sub>  | 1.0  | 1.0  | 0.0  | 63.74(-63.74+0.0) | 72.68(-72.68+0.0) | 8.28(-8.28+0.0)   | 0.4405 0.5023 |
| G <sub>d</sub>  | 1.0  | 1.0  | 0.0  | 8.54(-8.54+0.0)   | 20.06(-20.06+0.0) | 9.59(-9.59+0.0)   | 0.2236 0.5253 |
| C <sub>d</sub>  | 0.0  | 1.0  | 1.0  | 18.75(-18.75+0.0) | 26.28(-26.28+0.0) | 69.02(-69.02+0.0) | 0.1644 0.2304 |
| B <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 6.23(-6.23+0.0)   | 4.52(-4.52+0.0)   | 22.66(-22.66+0.0) | 0.1865 0.1353 |
| M <sub>d</sub>  | 1.0  | 0.0  | 1.0  | 32.47(-32.47+0.0) | 16.96(-16.96+0.0) | 23.05(-23.05+0.0) | 0.448 0.234   |
| N <sub>d0</sub> | 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 |
| W <sub>d0</sub> | 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  |
| N1 <sub>d</sub> | 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 |
| W1 <sub>d</sub> | 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  |
| Z1 <sub>d</sub> | 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  |

**TL506 Reflection colorimetry, System WCGa, CIELAB-LabC<sup>h</sup>, Y<sub>N0</sub> = 0.3, L<sup>\*</sup><sub>N0</sub> = 5.69, Y<sub>W0</sub> = 88.6**

| Colour r        | g    | b    | X    | Y                 | Z                  | x                    | y             |
|-----------------|------|------|------|-------------------|--------------------|----------------------|---------------|
| R <sub>d</sub>  | 1.0  | 0.0  | 0.0  | 29.4(-28.8+0.6)   | 16.75(-16.12+0.63) | 4.92(-4.23+0.69)     | 0.5757 0.328  |
| Y <sub>d</sub>  | 1.0  | 1.0  | 0.0  | 63.89(-63.29+0.6) | 72.87(-72.17+0.6)  | 8.9(-8.21+0.69)      | 0.4388 0.5001 |
| G <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 9.07(-8.47+0.6)   | 20.54(-19.91+0.63) | 10.2(-9.52+0.69)     | 0.2278 0.5159 |
| C <sub>d</sub>  | 0.0  | 1.0  | 1.0  | 19.21(-18.61+0.6) | 26.71(-26.08+0.63) | 69.22(-68.53+0.69)   | 0.1668 0.232  |
| B <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 6.78(-6.18+0.6)   | 5.11(-4.48+0.63)   | 23.18(-22.49+0.69)   | 0.1933 0.1457 |
| M <sub>d</sub>  | 1.0  | 0.0  | 1.0  | 32.83(-32.23+0.6) | 17.46(-16.83+0.63) | 23.57(-22.88+0.69)   | 0.4445 0.2364 |
| N <sub>d0</sub> | 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 |
| W <sub>d0</sub> | 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  |
| N1 <sub>d</sub> | 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 |
| W1 <sub>d</sub> | 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  |
| Z1 <sub>d</sub> | 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  |

**TL511 Reflection colorimetry, System WCGa, CIELAB-LabC<sup>h</sup>, Y<sub>N0</sub> = 1.26, L<sup>\*</sup><sub>N0</sub> = 11.0, Y<sub>W0</sub> = 88.6**

| Colour r        | g    | b    | X    | Y                 | Z                  | x                    | y             |
|-----------------|------|------|------|-------------------|--------------------|----------------------|---------------|
| R <sub>d</sub>  | 1.0  | 0.0  | 0.0  | 29.8(-28.6+1.2)   | 17.27(-16.01+1.26) | 5.57(-4.2+1.37)      | 0.5661 0.3281 |
| Y <sub>d</sub>  | 1.0  | 1.0  | 0.0  | 64.03(-62.83+1.2) | 72.92(-71.66+1.26) | 9.52(-8.15+1.37)     | 0.4372 0.4978 |
| G <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 9.61(-8.41+1.2)   | 21.02(-19.76+1.26) | 10.81(-9.44+1.37)    | 0.2318 0.5073 |
| C <sub>d</sub>  | 0.0  | 1.0  | 1.0  | 19.67(-18.48+1.2) | 27.16(-25.91+1.26) | 69.41(-68.04+1.37)   | 0.1692 0.2336 |
| B <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 7.33(-6.13+1.2)   | 5.71(-4.45+1.26)   | 23.7(-22.33+1.37)    | 0.1996 0.1553 |
| M <sub>d</sub>  | 1.0  | 0.0  | 1.0  | 33.2(-32.0+1.2)   | 17.97(-16.71+1.26) | 24.08(-22.71+1.37)   | 0.4412 0.2388 |
| N <sub>d0</sub> | 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  |
| W <sub>d0</sub> | 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  |
| N1 <sub>d</sub> | 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  |
| W1 <sub>d</sub> | 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  |
| Z1 <sub>d</sub> | 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  |

**TL518 Reflection colorimetry, System WCGa, CIELAB-LabC<sup>h</sup>, Y<sub>N0</sub> = 2.52, L<sup>\*</sup><sub>N0</sub> = 18.01, Y<sub>W0</sub> = 88.6**

| Colour r        | g    | b    | X    | Y                 | Z                  | x                   | y             |
|-----------------|------|------|------|-------------------|--------------------|---------------------|---------------|
| R <sub>d</sub>  | 1.0  | 0.0  | 0.0  | 30.58(-28.19+2.4) | 18.3(-15.78+2.52)  | 6.88(-4.14+2.74)    | 0.5485 0.3282 |
| Y <sub>d</sub>  | 1.0  | 1.0  | 0.0  | 64.32(-61.93+2.4) | 73.14(-70.62+2.52) | 10.77(-8.03+2.74)   | 0.4339 0.4984 |
| G <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 10.69(-8.29+2.4)  | 22.0(-19.48+2.52)  | 12.05(-9.3+2.74)    | 0.2389 0.4918 |
| C <sub>d</sub>  | 0.0  | 1.0  | 1.0  | 20.61(-18.12+2.4) | 28.04(-25.52+2.52) | 69.8(-67.06+2.74)   | 0.174 0.2368  |
| B <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 8.44(-6.05+2.4)   | 6.9(-4.38+2.52)    | 24.75(-22.0+2.74)   | 0.2106 0.1722 |
| M <sub>d</sub>  | 1.0  | 0.0  | 1.0  | 33.93(-31.54+2.4) | 18.99(-16.47+2.52) | 25.13(-22.38+2.74)  | 0.4348 0.2433 |
| N <sub>d0</sub> | 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  |
| W <sub>d0</sub> | 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  |
| N1 <sub>d</sub> | 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  |
| W1 <sub>d</sub> | 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  |
| Z1 <sub>d</sub> | 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  |

**TL527 Reflection colorimetry, System WCGa, CIELAB-LabC<sup>h</sup>, Y<sub>N0</sub> = 5.04, L<sup>\*</sup><sub>N0</sub> = 26.85, Y<sub>W0</sub> = 88.6**

| Colour r        | g    | b    | X    | Y                  | Z                  | x                    | y             |
|-----------------|------|------|------|--------------------|--------------------|----------------------|---------------|
| R <sub>d</sub>  | 1.0  | 0.0  | 0.0  | 32.15(-27.36+4.79) | 20.36(-15.32+5.04) | 9.51(-4.02+5.49)     | 0.5184 0.3283 |
| Y <sub>d</sub>  | 1.0  | 1.0  | 0.0  | 64.9(-60.11+4.79)  | 73.6(-68.56+4.79)  | 13.28(-7.8+5.49)     | 0.4276 0.4849 |
| G <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 12.83(-8.04+4.79)  | 23.95(-18.91+5.04) | 14.52(-9.04+5.49)    | 0.2501 0.4668 |
| C <sub>d</sub>  | 0.0  | 1.0  | 1.0  | 22.46(-17.67+4.79) | 29.82(-24.78+5.04) | 70.68(-65.1+5.49)    | 0.1828 0.2427 |
| B <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 10.66(-5.87+4.79)  | 9.29(-4.25+5.04)   | 26.85(-21.36+5.49)   | 0.2272 0.1986 |
| M <sub>d</sub>  | 1.0  | 0.0  | 1.0  | 35.4(-30.61+4.79)  | 21.03(-15.99+5.04) | 27.22(-21.73+5.49)   | 0.4324 0.2514 |
| N <sub>d0</sub> | 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  |
| W <sub>d0</sub> | 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  |
| N1 <sub>d</sub> | 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  |
| W1 <sub>d</sub> | 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  |
| Z1 <sub>d</sub> | 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  |

**TL538 Reflection colorimetry, System WCGa, CIELAB-LabC<sup>h</sup>, Y<sub>N0</sub> = 10.08, L<sup>\*</sup><sub>N0</sub> = 37.99, Y<sub>W0</sub> = 88.6**

| Colour r        | g    | b    | X    | Y                  | Z                   | x                    | y             |
|-----------------|------|------|------|--------------------|---------------------|----------------------|---------------|
| R <sub>d</sub>  | 1.0  | 0.0  | 0.0  | 34.63(-25.05+9.58) | 24.47(-14.39+10.08) | 14.76(-3.78+10.98)   | 0.4689 0.3313 |
| Y <sub>d</sub>  | 1.0  | 1.0  | 0.0  | 65.83(-56.25+9.58) | 74.5(-64.42+10.08)  | 18.31(-7.33+10.98)   | 0.4145 0.4366 |
| G <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 16.24(-6.66+9.58)  | 27.85(-17.77+10.08) | 19.47(-8.49+10.98)   | 0.2555 0.4382 |
| C <sub>d</sub>  | 0.0  | 1.0  | 1.0  | 25.41(-16.83+9.58) | 33.36(-23.28+10.08) | 72.15(-61.17+10.98)  | 0.1941 0.2548 |
| B <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 14.17(-4.59+9.58)  | 14.08(-4.0+10.08)   | 31.05(-20.08+10.98)  | 0.2389 0.2374 |
| M <sub>d</sub>  | 1.0  | 0.0  | 1.0  | 37.73(-28.15+9.58) | 25.1(-15.02+10.08)  | 31.4(-20.42+10.98)   | 0.4004 0.2664 |
| N <sub>d0</sub> | 0.0  | 0.0  | 0.0  | 8.59(-0.98+9.58)   | 10.09(-0.01+10.08)  | 10.99(-0.01+10.98)   | 0.2895 0.3401 |
| W <sub>d0</sub> | 1.0  | 1.0  | 1.0  | 84.21(-74.36+9.58) | 88.6(-78.52+10.08)  | 96.48(-85.51+10.98)  | 0.3127 0.329  |
| N1 <sub>d</sub> | 0.0  | 0.0  | 0.0  | 8.59(-0.98+9.58)   | 10.09(-0.01+10.08)  | 10.99(-0.01+10.98)   | 0.2895 0.3401 |
| W1 <sub>d</sub> | 1.13 | 1.13 | 1.13 | 93.95(-84.37+9.58) | 98.7(-88.62+10.08)  | 107.49(-96.51+10.98) | 0.313 0.3289  |
| Z1 <sub>d</sub> | 0.18 | 0.18 | 0.18 | 23.95(-14.37+9.58) | 26.03(-15.95+10.08) | 28.35(-17.37+10.98)  | 0.3057 0.3323 |

**TL552 Reflection colorimetry, System WCGa, CIELAB-LabC<sup>h</sup>, Y<sub>N0</sub> = 20.16, L<sup>\*</sup><sub>N0</sub> = 52.02, Y<sub>W0</sub> = 88.6**

| Colour r        | g    | b    | X    | Y                   | Z                   | x                    | y             |
|-----------------|------|------|------|---------------------|---------------------|----------------------|---------------|
| R <sub>d</sub>  | 1.0  | 0.0  | 0.0  | 41.57(-22.41+19.16) | 32.7(-12.54+20.16)  | 25.24(-3.29+21.95)   | 0.4717 0.3286 |
| Y <sub>d</sub>  | 1.0  | 1.0  | 0.0  | 68.4(-49.24+19.16)  | 76.31(-56.15+20.16) | 38.34(-6.39+21.95)   | 0.3953 0.441  |
| G <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 25.75(-6.59+19.16)  | 35.65(-15.49+20.16) | 29.37(-7.41+21.95)   | 0.2803 0.3928 |
| C <sub>d</sub>  | 0.0  | 1.0  | 1.0  | 33.64(-14.48+19.16) | 40.25(-20.29+20.16) | 73.27(-53.32+21.95)  | 0.2252 0.2708 |
| B <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 23.96(-8.48+19.16)  | 23.64(-3.48+20.16)  | 39.45(-17.5+21.95)   | 0.2753 0.2716 |
| M <sub>d</sub>  | 1.0  | 0.0  | 1.0  | 44.23(-25.07+19.16) | 33.25(-13.09+20.16) | 38.75(-17.81+21.95)  | 0.3773 0.2836 |
| N <sub>d0</sub> | 0.0  | 0.0  | 0.0  | 19.17(-0.01+19.16)  | 20.17(-0.01+20.16)  | 21.96(-0.01+21.95)   | 0.3127 0.329  |
| W <sub>d0</sub> | 1.0  | 1.0  | 1.0  | 84.21(-65.05+19.16) | 88.6(-68.44+20.16)  | 96.48(-74.53+21.95)  | 0.3127 0.329  |
| N1 <sub>d</sub> | 0.0  | 0.0  | 0.0  | 19.17(-0.01+19.16)  | 20.17(-0.01+20.16)  | 21.96(-0.01+21.95)   | 0.3127 0.329  |
| W1 <sub>d</sub> | 1.13 | 1.13 | 1.13 | 92.58(-73.42+19.16) | 97.41(-77.25+20.16) | 106.08(-84.13+21.95) | 0.3127 0.329  |
| Z1 <sub>d</sub> | 0.18 | 0.18 | 0.18 | 32.38(-13.22+19.16) | 34.06(-13.9+20.16)  | 37.09(-15.14+21.95)  | 0.3127 0.329  |

**TL570 Reflection colorimetry, System WCGa, CIELAB-LabC<sup>h</sup>, Y<sub>N0</sub> = 40.32, L<sup>\*</sup><sub>N0</sub> = 69.7, Y<sub>W0</sub> = 88.6**

| Colour r        | g    | b    | X    | Y                   | Z                   | x                   | y             |
|-----------------|------|------|------|---------------------|---------------------|---------------------|---------------|
| R <sub>d</sub>  | 1.0  | 0.0  | 0.0  | 54.13(-15.81+38.32) | 49.17(-8.85+40.32)  | 46.22(-2.32+43.9)   | 0.362 0.3288  |
| Y <sub>d</sub>  | 1.0  | 1.0  | 0.0  | 73.06(-34.74+38.32) | 79.93(-39.61+40.32) | 48.41(-4.51+43.9)   | 0.3628 0.3969 |
| G <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 42.97(-4.65+38.32)  | 51.25(-10.93+40.32) | 49.12(-5.22+43.9)   | 0.2998 0.3575 |
| C <sub>d</sub>  | 0.0  | 1.0  | 1.0  | 48.53(-10.01+38.32) | 54.64(-14.32+40.32) | 81.52(-37.62+43.9)  | 0.2628 0.2958 |
| B <sub>d</sub>  | 0.0  | 1.0  | 0.0  | 41.71(-3.39+38.32)  | 42.78(-2.46+40.32)  | 56.24(-12.34+43.9)  | 0.2964 0.304  |
| M <sub>d</sub>  | 1.0  | 0.0  | 1.0  | 56.01(-17.69+38.32) | 49.56(-9.24+40.32)  | 56.46(-12.56+43.9)  | 0.3457 0.3059 |
| N <sub>d0</sub> | 0.0  | 0.0  | 0.0  | 38.33(-0.01+38.32)  | 40.33(-0.01+40.32)  | 43.91(-0.01+43.9)   | 0.3127 0.329  |
| W <sub>d0</sub> | 1.0  | 1.0  | 1.0  | 84.21(-45.89+38.32) | 88.6(-48.28+40.32)  | 96.48(-52.58+43.9)  | 0.3127 0.329  |
| N1 <sub>d</sub> | 0.0  | 0.0  | 0.0  | 38.33(-0.01+38.32)  | 40.33(-0.01+40.32)  | 43.91(-0.01+43.9)   | 0.3127 0.329  |
| W1 <sub>d</sub> | 1.13 | 1.13 | 1.13 | 90.12(-51.8+38.32)  | 94.81(-54.49+40.32) | 103.25(-59.35+43.9) | 0.3127 0.329  |
| Z1 <sub>d</sub> | 0.18 | 0.18 | 0.18 | 47.64(-9.32+38.32)  | 50.13(-9.81+40.32)  | 54.58(-10.68+43.9)  | 0.3127 0.329  |

Test chart AEJ8; Reflection colorimetry for displays TL500...TL570 input: rgb/cmy0/000n/k  
CIELAB-LabC<sup>h</sup>\*h<sub>ab</sub> data for Offs device, Y<sub>N0</sub> = 0 to 40, L<sup>\*</sup><sub>N0</sub> = 0 to 70, adaptation Y<sub>W0</sub> = 88.6