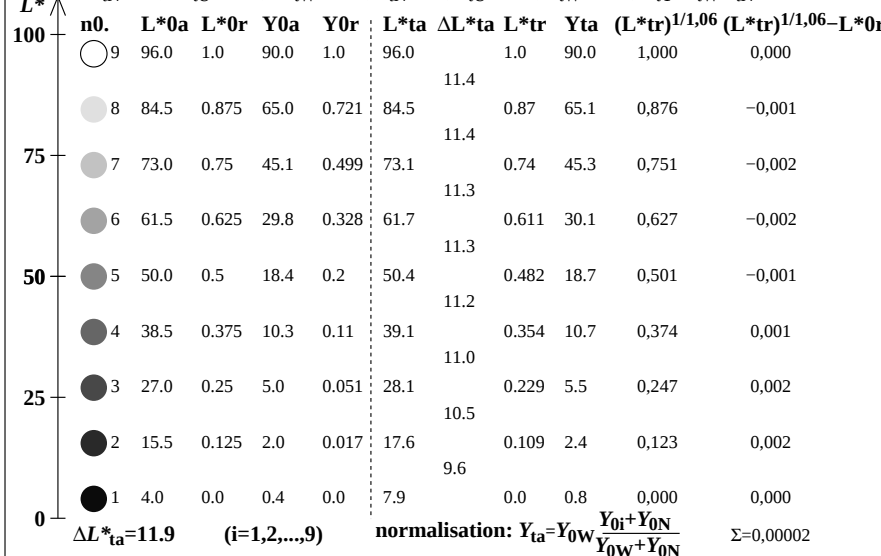


see similar files: <http://farbe.li-tu-berlin.de/DEN3/DEN3.HTM>
technical information: <http://farbe.li-tu-berlin.de/> or <http://color.li-tu-berlin.de/>

Equal 9 step grey scaling between L^*_N and L^*_W for three reflections of ambient light

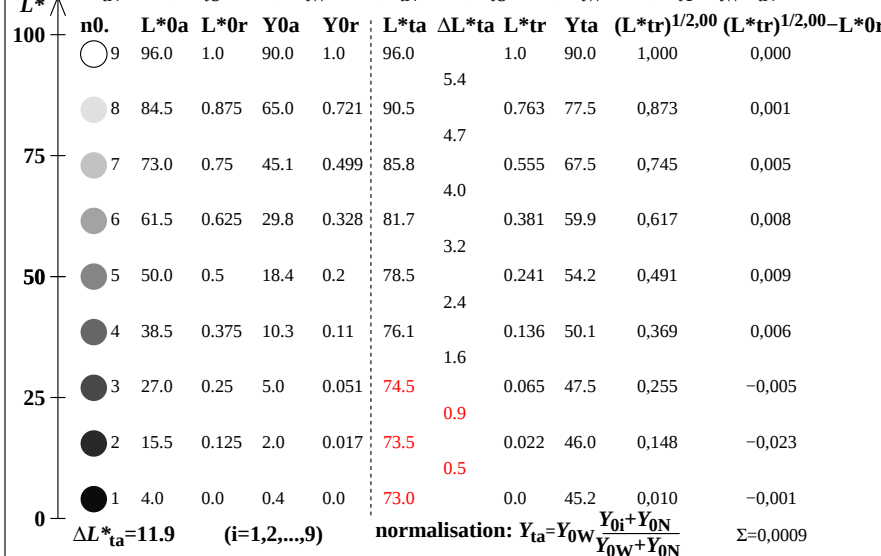
$L^*_{0N}=4.0$, $L^*_{0U}=50.0$, $L^*_{0W}=96.0$, $Y_{0N}=0.4$, $Y_{0U}=18.4$, $Y_{0W}=90.0$, $C_{0Y}=Y_{0W}:Y_{0N}=203.2$
 $L^*_{1N}=7.9$, $L^*_{1U}=50.4$, $L^*_{1W}=96.0$, $Y_{1N}=0.8$, $Y_{1U}=18.7$, $Y_{1W}=90.0$, $C_{1Y}=Y_{1W}:Y_{1N}=102.1$



DEN30-3N

Equal 9 step grey scaling between L^*_N and L^*_W for three reflections of ambient light

$L^*_{0N}=4.0$, $L^*_{0U}=50.0$, $L^*_{0W}=96.0$, $Y_{0N}=0.4$, $Y_{0U}=18.4$, $Y_{0W}=90.0$, $C_{0Y}=Y_{0W}:Y_{0N}=203.2$
 $L^*_{1N}=73.0$, $L^*_{1U}=78.5$, $L^*_{1W}=96.0$, $Y_{1N}=45.2$, $Y_{1U}=54.2$, $Y_{1W}=90.0$, $C_{1Y}=Y_{1W}:Y_{1N}=1.9$

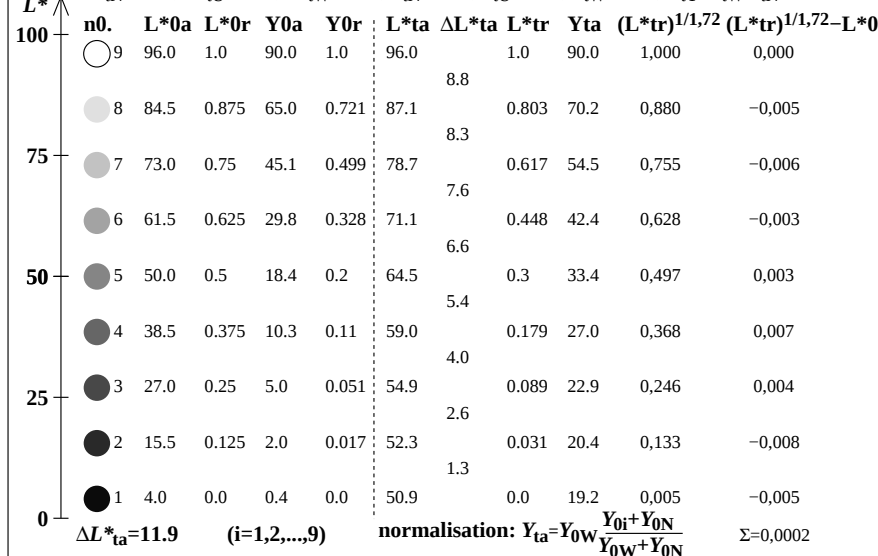


DEN30-7N

Test chart DEN3; Equal 9 step grey scaling with 0,4% up to 100% reflections of the ambient light
lightness of black and white normalized for white W for 4 reflections of ambient light

Equal 9 step grey scaling between L^*_N and L^*_W for three reflections of ambient light

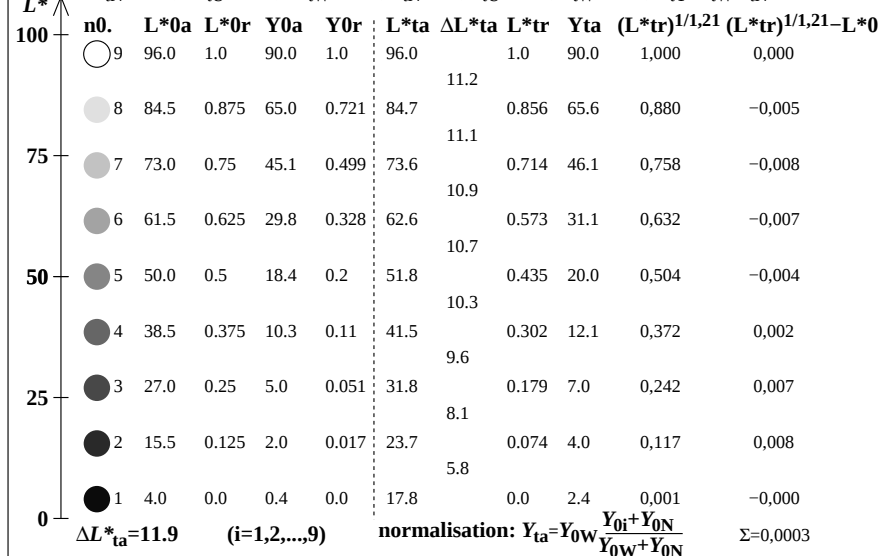
$L^*_{0N}=4.0$, $L^*_{0U}=50.0$, $L^*_{0W}=96.0$, $Y_{0N}=0.4$, $Y_{0U}=18.4$, $Y_{0W}=90.0$, $C_{0Y}=Y_{0W}:Y_{0N}=203.2$
 $L^*_{1N}=50.9$, $L^*_{1U}=64.5$, $L^*_{1W}=96.0$, $Y_{1N}=19.2$, $Y_{1U}=33.4$, $Y_{1W}=90.0$, $C_{1Y}=Y_{1W}:Y_{1N}=4.6$



DEN31-3N

Equal 9 step grey scaling between L^*_N and L^*_W for three reflections of ambient light

$L^*_{0N}=4.0$, $L^*_{0U}=50.0$, $L^*_{0W}=96.0$, $Y_{0N}=0.4$, $Y_{0U}=18.4$, $Y_{0W}=90.0$, $C_{0Y}=Y_{0W}:Y_{0N}=203.2$
 $L^*_{1N}=17.8$, $L^*_{1U}=51.8$, $L^*_{1W}=96.0$, $Y_{1N}=2.4$, $Y_{1U}=20.0$, $Y_{1W}=90.0$, $C_{1Y}=Y_{1W}:Y_{1N}=36.2$



DEN31-7N

TUB registration: 20221101-DEN3/DEN3LL0NP.PDF /PS
application for measurement or viewing of display output

TUB material: code=rha4ta