

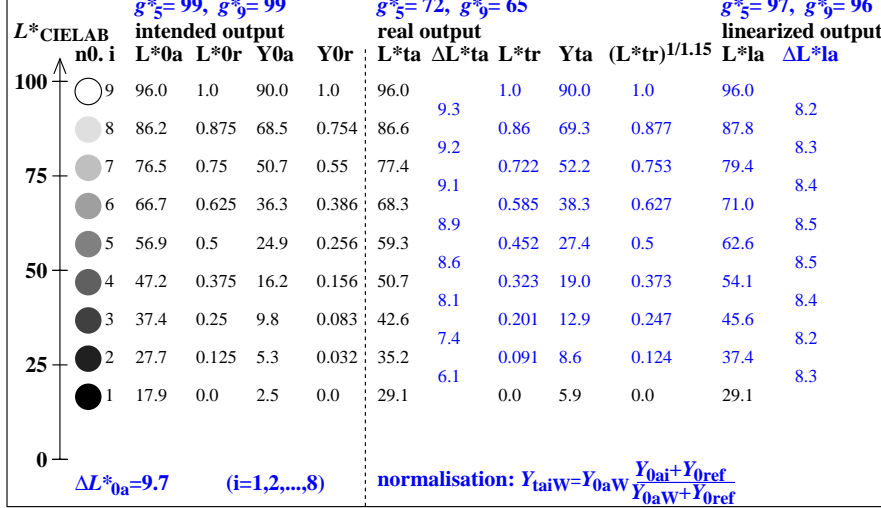
**Equal 9 step grey scaling between  $L^*_{0aN}=17.9$  and  $L^*_{0aW}=95.9$ ,  $Y_{0ref}=3.6$ , normalisation white W**

$L^*_{0aN}=17.9$ ,  $L^*_{0aU}=56.9$ ,  $L^*_{0aW}=96.0$ ,  $Y_{0aN}=2.5$ ,  $Y_{0aU}=24.9$ ,  $Y_{0aW}=90.0$ ,  $C_{0aY}=Y_{0aW}:Y_{0aN}=36.0$

$L^*_{taN}=29.1$ ,  $L^*_{taU}=59.3$ ,  $L^*_{taW}=96.0$ ,  $Y_{taN}=5.9$ ,  $Y_{taU}=27.4$ ,  $Y_{taW}=90.0$ ,  $C_{taY}=Y_{taW}:Y_{taN}=15.3$

**Regularity index according to ISO/IEC 15775:2022, annex G for 5 and 9 steps**

$g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$ ,  $L^*_{CIELAB} = 116 [Y/Y_n]^{1/3} - 16$  with  $Y \geq 0.882$ ,  $Y_n=100$



eep80-3N

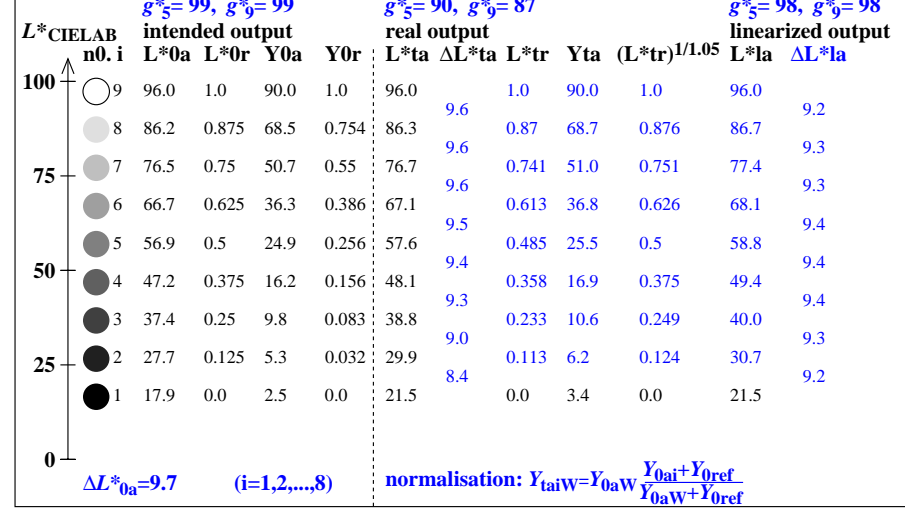
**Equal 9 step grey scaling between  $L^*_{0aN}=17.9$  and  $L^*_{0aW}=95.9$ ,  $Y_{0ref}=0.9$ , normalisation white W**

$L^*_{0aN}=17.9$ ,  $L^*_{0aU}=56.9$ ,  $L^*_{0aW}=96.0$ ,  $Y_{0aN}=2.5$ ,  $Y_{0aU}=24.9$ ,  $Y_{0aW}=90.0$ ,  $C_{0aY}=Y_{0aW}:Y_{0aN}=36.0$

$L^*_{taN}=21.5$ ,  $L^*_{taU}=57.6$ ,  $L^*_{taW}=96.0$ ,  $Y_{taN}=3.4$ ,  $Y_{taU}=25.5$ ,  $Y_{taW}=90.0$ ,  $C_{taY}=Y_{taW}:Y_{taN}=26.7$

**Regularity index according to ISO/IEC 15775:2022, annex G for 5 and 9 steps**

$g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$ ,  $L^*_{CIELAB} = 116 [Y/Y_n]^{1/3} - 16$  with  $Y \geq 0.882$ ,  $Y_n=100$



eep81-3N

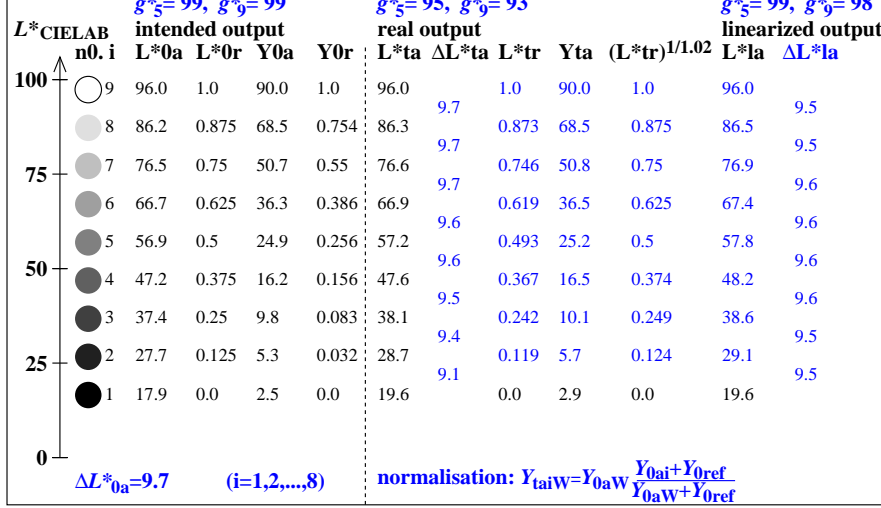
**Equal 9 step grey scaling between  $L^*_{0aN}=17.9$  and  $L^*_{0aW}=95.9$ ,  $Y_{0ref}=0.4$ , normalisation white W**

$L^*_{0aN}=17.9$ ,  $L^*_{0aU}=56.9$ ,  $L^*_{0aW}=96.0$ ,  $Y_{0aN}=2.5$ ,  $Y_{0aU}=24.9$ ,  $Y_{0aW}=90.0$ ,  $C_{0aY}=Y_{0aW}:Y_{0aN}=36.0$

$L^*_{taN}=19.6$ ,  $L^*_{taU}=57.2$ ,  $L^*_{taW}=96.0$ ,  $Y_{taN}=2.9$ ,  $Y_{taU}=25.2$ ,  $Y_{taW}=90.0$ ,  $C_{taY}=Y_{taW}:Y_{taN}=31.2$

**Regularity index according to ISO/IEC 15775:2022, annex G for 5 and 9 steps**

$g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$ ,  $L^*_{CIELAB} = 116 [Y/Y_n]^{1/3} - 16$  with  $Y \geq 0.882$ ,  $Y_n=100$



eep80-7N

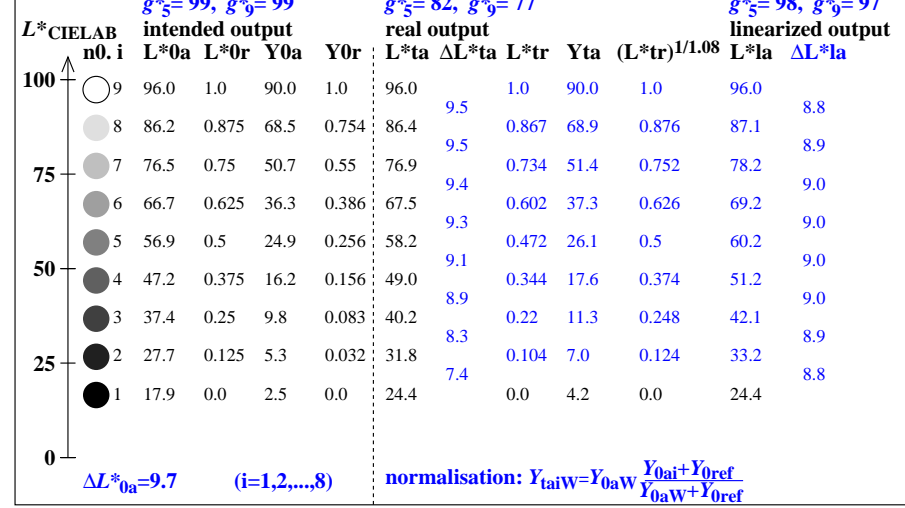
**Equal 9 step grey scaling between  $L^*_{0aN}=17.9$  and  $L^*_{0aW}=95.9$ ,  $Y_{0ref}=1.8$ , normalisation white W**

$L^*_{0aN}=17.9$ ,  $L^*_{0aU}=56.9$ ,  $L^*_{0aW}=96.0$ ,  $Y_{0aN}=2.5$ ,  $Y_{0aU}=24.9$ ,  $Y_{0aW}=90.0$ ,  $C_{0aY}=Y_{0aW}:Y_{0aN}=36.0$

$L^*_{taN}=24.4$ ,  $L^*_{taU}=58.2$ ,  $L^*_{taW}=96.0$ ,  $Y_{taN}=4.2$ ,  $Y_{taU}=26.1$ ,  $Y_{taW}=90.0$ ,  $C_{taY}=Y_{taW}:Y_{taN}=21.3$

**Regularity index according to ISO/IEC 15775:2022, annex G for 5 and 9 steps**

$g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$ ,  $L^*_{CIELAB} = 116 [Y/Y_n]^{1/3} - 16$  with  $Y \geq 0.882$ ,  $Y_n=100$



eep81-7N

Test chart eep8; Equal 9 step grey scaling for four display reflections  $Y_{ref} = 3,6, 0,4, 0,9, 1,8$ , and black  $L^*_{N,CIELAB}=17.92$ ,  $Y_N=2.5$  and white  $L^*_{W,CIELAB}=95.99$ ,  $Y_W=90$ , normalisation: white W

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/eeps.htm>  
technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 20230701-eep8/eep810np.pdf /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta