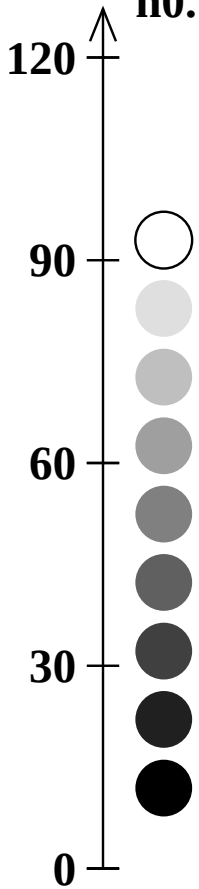
**9stufige Grauskalierung zwischen $L^*_{0aN}$=14.4 und $L^*_{0aW}$=95.9, $Y_{0ref}$=0.4, Normierung Weiß *W***

$L^*_{0aN}$=14.4, $L^*_{0aU}$=55.2, $L^*_{0aW}$=96.0, $Y_{0aN}$=1.8, $Y_{0aU}$=23.1, $Y_{0aW}$=90.0, $C_{0aY}=Y_{0aW}:Y_{0aN}$=50.0

$L^*_{taN}$=16.5, $L^*_{taU}$=55.5, $L^*_{taW}$=96.0, $Y_{taN}$=2.2, $Y_{taU}$=23.4, $Y_{taW}$=90.0, $C_{taY}=Y_{taW}:Y_{taN}$=41.1

**Regularitätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen**

**$g^* = 100\ [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{CIELAB} = 116\ [Y/Y_n]^{1/3} - 16$ mit $Y >= 0{,}882$, $Y_n$=100**




| $L^*_{CIELAB}$ | $g^*_5$= 99, $g^*_9$= 99 angestrebte Ausgabe | | | | $g^*_5$= 93, $g^*_9$= 91 reale Ausgabe | | | | | $g^*_5$= 98, $g^*_9$= 98 linearisierte Ausgabe | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| n0. i | L*0a | L*0r | Y0a | Y0r | L*ta | ΔL*ta | L*tr | Yta | $(L^*tr)^{1/1.03}$ | L*la | ΔL*la |
| 9 | 96.0 | 1.0 | 90.0 | 1.0 | 96.0 | | 1.0 | 90.0 | 1.0 | 96.0 | |
| | | | | | | 10.1 | | | | | 9.9 |
| 8 | 85.8 | 0.875 | 67.6 | 0.746 | 85.8 | | 0.872 | 67.7 | 0.875 | 86.1 | |
| | | | | | | 10.1 | | | | | 9.9 |
| 7 | 75.6 | 0.75 | 49.2 | 0.538 | 75.7 | | 0.745 | 49.4 | 0.75 | 76.1 | |
| | | | | | | 10.1 | | | | | 9.9 |
| 6 | 65.4 | 0.625 | 34.5 | 0.371 | 65.6 | | 0.618 | 34.8 | 0.625 | 66.2 | |
| | | | | | | 10.1 | | | | | 10.0 |
| 5 | 55.2 | 0.5 | 23.1 | 0.242 | 55.5 | | 0.491 | 23.4 | 0.5 | 56.2 | |
| | | | | | | 10.0 | | | | | 10.0 |
| 4 | 45.0 | 0.375 | 14.5 | 0.144 | 45.5 | | 0.365 | 14.9 | 0.374 | 46.2 | |
| | | | | | | 9.9 | | | | | 10.0 |
| 3 | 34.8 | 0.25 | 8.4 | 0.075 | 35.5 | | 0.24 | 8.8 | 0.248 | 36.2 | |
| | | | | | | 9.7 | | | | | 9.9 |
| 2 | 24.6 | 0.125 | 4.3 | 0.028 | 25.8 | | 0.117 | 4.7 | 0.124 | 26.3 | |
| | | | | | | 9.3 | | | | | 9.8 |
| 1 | 14.4 | 0.0 | 1.8 | 0.0 | 16.5 | | 0.0 | 2.2 | 0.0 | 16.5 | |

**$\Delta L^*_{0a}$=10.2 (i=1,2,...,8)**

**Normierung: $Y_{taiW}=Y_{0aW}\ \frac{Y_{0ai}+Y_{0ref}}{Y_{0aW}+Y_{0ref}}$**

egp60−7n