

9stufige Grauskalierung zwischen $L^*_{0aN}=24$ & $L^*_{0aW}=100.0$, $Y_{0ref}=4$, Normierung Weiß W

$L^*_{0aN}=24.7$, $L^*_{0aU}=62.3$, $L^*_{0aW}=100.0$, $Y_{0aN}=4.0$, $Y_{0aU}=33.7$, $Y_{0aW}=100.0$, $C_{0aY}=Y_{0aW}:Y_{0aN}=25.0$
 $L^*_{taN}=32.8$, $L^*_{taU}=64.4$, $L^*_{taW}=100.0$, $Y_{taN}=7.7$, $Y_{taU}=36.2$, $Y_{taW}=100.0$, $C_{taY}=Y_{taW}:Y_{taN}=13.0$

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

$g^* = 100 [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBsRGB,W} = 100 [Y/Y_n]^{1/\ln(10)}$ mit $Y \geq 0,39 = 100/255$, $Y_n=100$
 $g^*_5 = 99$, $g^*_9 = 99$ $g^*_5 = 81$, $g^*_9 = 76$ $g^*_5 = 79$, $g^*_9 = 73$

L*TUBsRGB,W angestrebte Ausgabe					reale Ausgabe					linearisierte Ausgabe		
n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	(L*tr) ^{1/1.21}	L*la	ΔL*la	
100 ○ 9	100.0	1.0	100.0	1.0	100.0		1.0	100.0	1.0	100.0		
● 8	90.6	0.875	79.6	0.788	91.0	9.0	0.866	80.4	0.888	92.5	7.5	
● 7	81.2	0.75	61.9	0.603	82.0	9.0	0.732	63.3	0.773	84.8	7.7	
75 ● 6	71.8	0.625	46.6	0.443	73.1	8.9	0.6	48.6	0.656	76.9	7.9	
● 5	62.3	0.5	33.7	0.309	64.4	8.8	0.469	36.2	0.536	68.8	8.1	
● 4	52.9	0.375	23.1	0.199	55.8	8.6	0.342	26.1	0.412	60.5	8.3	
50 ● 3	43.5	0.25	14.7	0.112	47.5	8.3	0.218	18.0	0.285	52.0	8.5	
● 2	34.1	0.125	8.4	0.046	39.7	7.8	0.103	11.9	0.153	43.1	8.9	
25 ● 1	24.7	0.0	4.0	0.0	32.8	6.9	0.0	7.7	0.0	32.8	10.3	
0												