9stufige Grauskalierung zwischen L^*_{0aN}=24 & L^*_{0aW}=100.0, Y_{0ref}=100, 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}=75.3, L^*_{taU}=83.9, L^*_{taW}=100.0, Y_{taN}=52.0, Y_{taU}=66.8, Y_{taW}=100.0, $C_{taY}=Y_{taW}:Y_{taN}$=1.9

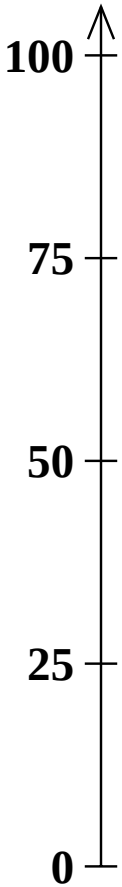
Regularitätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen

$g^* = 100\ [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBsRGB,W} = 100\ [Y/Y_n]^{1/ln(10)}$ mit Y >= 0,39 = 100/255, Y_n=100

g^*_5= 99, g^*_9= 99 | **g^*_5= 37, g^*_9= 30** | **g^*_5= 51, g^*_9= 38**

$L^*_{TUBsRGB,W}$ angestrebte Ausgabe | **reale Ausgabe** | **linearisierte Ausgabe**

n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/2.06}$	L*la	ΔL*la
9	100.0	1.0	100.0	1.0	100.0		1.0	100.0	1.0	100.0	
						4.5					2.3
8	90.6	0.875	79.6	0.788	95.4		0.816	89.8	0.906	97.7	
						4.2					2.4
7	81.2	0.75	61.9	0.603	91.2		0.645	80.9	0.808	95.3	
						3.8					2.5
6	71.8	0.625	46.6	0.443	87.4		0.489	73.3	0.707	92.7	
						3.4					2.6
5	62.3	0.5	33.7	0.309	83.9		0.351	66.8	0.602	90.1	
						2.9					2.7
4	52.9	0.375	23.1	0.199	81.0		0.232	61.6	0.492	87.4	
						2.4					2.9
3	43.5	0.25	14.7	0.112	78.5		0.133	57.4	0.375	84.5	
						1.9					3.2
2	34.1	0.125	8.4	0.046	76.6		0.055	54.2	0.246	81.3	
						1.4					6.1
1	24.7	0.0	4.0	0.0	75.3		0.0	52.0	0.0	75.3	



ΔL^*_{0a}=9.4 (i=1,2,...,8)

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