9stufige Grauskalierung zwischen L^*_{0aN}=23 & L^*_{0aW}=104.2, Y_{0ref}=1, Normierung Weiß W

L^*_{0aN}=23.7, L^*_{0aU}=64.0, L^*_{0aW}=104.2, Y_{0aN}=3.6, Y_{0aU}=35.7, Y_{0aW}=110.0, C_{0aY}=Y_{0aW}:Y_{0aN}=30.2

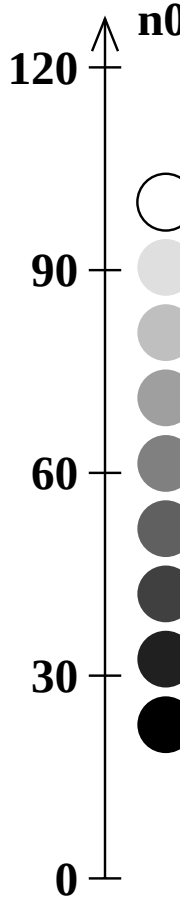
L^*_{taN}=26.2, L^*_{taU}=64.5, L^*_{taW}=104.2, Y_{taN}=4.6, Y_{taU}=36.4, Y_{taW}=110.0, C_{taY}=Y_{taW}:Y_{taN}=23.9

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

g^* = 100 [ΔL^*_{min}] / [ΔL^*_{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= 93, g^*_9= 91** | **g^*_5= 91, g^*_9= 89**

$L^*_{TUBsRGB,W}$	angestrebte Ausgabe				reale Ausgabe					linearisierte Ausgabe	
n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/1.07}$	L*la	ΔL*la
9	104.2	1.0	110.0	1.0	104.2		1.0	110.0	1.0	104.2	
						10.0					9.4
8	94.2	0.875	87.1	0.784	94.2		0.872	87.3	0.88	94.8	
						9.9					9.4
7	84.1	0.75	67.1	0.597	84.3		0.744	67.5	0.759	85.4	
						9.9					9.5
6	74.0	0.625	50.0	0.436	74.4		0.617	50.6	0.637	75.9	
						9.9					9.6
5	64.0	0.5	35.7	0.302	64.5		0.49	36.4	0.513	66.3	
						9.8					9.7
4	53.9	0.375	24.1	0.192	54.6		0.364	24.9	0.389	56.5	
						9.7					9.8
3	43.8	0.25	15.0	0.107	44.9		0.239	15.8	0.262	46.7	
						9.5					10.0
2	33.8	0.125	8.2	0.043	35.4		0.117	9.1	0.134	36.7	
						9.1					10.5
1	23.7	0.0	3.6	0.0	26.2		0.0	4.6	0.0	26.2	



ΔL^*_{0a}=10.1 (i=1,2,...,8)

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