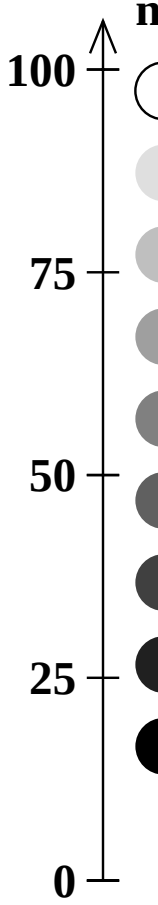
9stufige Grauskalierung zwischen L^*_{0aN}=17.9 und L^*_{0aW}=95.9, Y_{0ref}=20.0, Normierung Weiß *W*

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}=50.0, L^*_{taU}=67.1, L^*_{taW}=96.0, Y_{taN}=18.4, Y_{taU}=36.7, Y_{taW}=90.0, C_{taY}=Y_{taW}:Y_{taN}=4.9

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

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



n0. i	angestrebte Ausgabe L*0a	L*0r	Y0a	Y0r	reale Ausgabe L*ta	ΔL*ta	L*tr	Yta	(L*tr)$^{1/1.41}$	linearisierte Ausgabe L*la	ΔL*la
9	96.0	1.0	90.0	1.0	96.0		1.0	90.0	1.0	96.0	
						7.8					5.7
8	86.2	0.875	68.5	0.754	88.1		0.829	72.4	0.876	90.3	
						7.5					5.8
7	76.5	0.75	50.7	0.55	80.6		0.666	57.8	0.75	84.5	
						7.1					5.8
6	66.7	0.625	36.3	0.386	73.6		0.512	46.0	0.623	78.7	
						6.5					5.8
5	56.9	0.5	24.9	0.256	67.1		0.371	36.7	0.496	72.8	
						5.8					5.8
4	47.2	0.375	16.2	0.156	61.3		0.246	29.6	0.371	67.1	
						4.8					5.6
3	37.4	0.25	9.8	0.083	56.4		0.14	24.4	0.25	61.5	
						3.8					5.3
2	27.7	0.125	5.3	0.032	52.6		0.058	20.7	0.134	56.1	
						2.7					6.1
1	17.9	0.0	2.5	0.0	50.0		0.0	18.4	0.0	50.0	

g^*_5= 99, g^*_9= 99 **g^*_5= 42, g^*_9= 33** **g^*_5= 97, g^*_9= 86**

ΔL^*_{0a}=9.7 (i=1,2,...,8)

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

egq81−3n