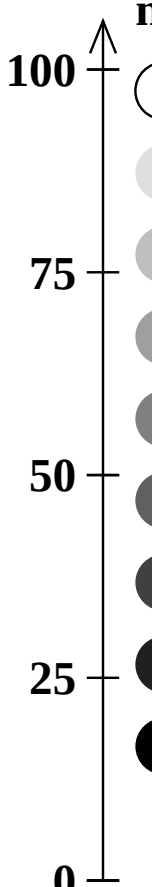
9stufige Grauskalierung zwischen L^*_{0aN}=17.9 und L^*_{0aW}=95.9, Y_{0ref}=3.6, Normierung Weiß *W*

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}=29.1, L^*_{taU}=59.3, L^*_{taW}=96.0, Y_{taN}=5.9, Y_{taU}=27.4, Y_{taW}=90.0, $C_{taY}=Y_{taW}:Y_{taN}$=15.3

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



n0. i	angestrebte Ausgabe L*0a	L*0r	Y0a	Y0r	reale Ausgabe L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/1.15}$	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	
						9.3					8.2
8	86.2	0.875	68.5	0.754	86.6		0.86	69.3	0.877	87.8	
						9.2					8.3
7	76.5	0.75	50.7	0.55	77.4		0.722	52.2	0.753	79.4	
						9.1					8.4
6	66.7	0.625	36.3	0.386	68.3		0.585	38.3	0.627	71.0	
						8.9					8.5
5	56.9	0.5	24.9	0.256	59.3		0.452	27.4	0.5	62.6	
						8.6					8.5
4	47.2	0.375	16.2	0.156	50.7		0.323	19.0	0.373	54.1	
						8.1					8.4
3	37.4	0.25	9.8	0.083	42.6		0.201	12.9	0.247	45.6	
						7.4					8.2
2	27.7	0.125	5.3	0.032	35.2		0.091	8.6	0.124	37.4	
						6.1					8.3
1	17.9	0.0	2.5	0.0	29.1		0.0	5.9	0.0	29.1	

g^*_5= 99, g^*_9= 99 | **g^*_5= 72, g^*_9= 65** | **g^*_5= 97, g^*_9= 96**

ΔL^*_{0a}=9.7 (i=1,2,...,8)

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