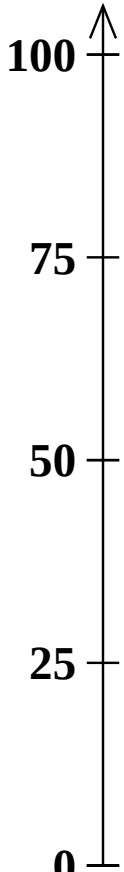
Equal 9 step grey scaling between L^*_{0aN}=22.3 and L^*_{0aW}=95.9, Y_{0ref}=10.0, normalisation white *W*

L^*_{0aN}=22.3, L^*_{0aU}=59.1, L^*_{0aW}=96.0, Y_{0aN}=3.6, Y_{0aU}=27.2, Y_{0aW}=90.0, C_{0aY}=Y_{0aW}:Y_{0aN}=25.0

L^*_{taN}=41.6, L^*_{taU}=64.5, L^*_{taW}=96.0, Y_{taN}=12.2, Y_{taU}=33.5, Y_{taW}=90.0, C_{taY}=Y_{taW}:Y_{taN}=7.3

Regularity index according to ISO/IEC 15775:2022, annex G for 5 and 9 steps

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



L^*_{CIELAB}		g^*_5= 99, g^*_9= 99 intended output				g^*_5= 59, g^*_9= 52 real output					g^*_5= 98, g^*_9= 93 linearized output	
n0.	i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	(L*tr)$^{1/1.24}$	L*la	ΔL*la
	9	96.0	1.0	90.0	1.0	96.0		1.0	90.0	1.0	96.0	
							8.2					6.7
	8	86.8	0.875	69.6	0.763	87.8		0.849	71.6	0.876	89.3	
							8.0					6.8
	7	77.6	0.75	52.5	0.566	79.7		0.701	56.2	0.751	82.4	
							7.8					6.9
	6	68.4	0.625	38.5	0.403	72.0		0.558	43.6	0.625	75.6	
							7.4					6.9
	5	59.1	0.5	27.2	0.273	64.5		0.422	33.5	0.498	68.7	
							6.9					6.8
	4	49.9	0.375	18.4	0.171	57.6		0.294	25.5	0.372	61.8	
							6.3					6.7
	3	40.7	0.25	11.7	0.094	51.3		0.178	19.5	0.249	55.1	
							5.4					6.5
	2	31.5	0.125	6.9	0.038	45.9		0.079	15.2	0.129	48.6	
							4.3					7.0
	1	22.3	0.0	3.6	0.0	41.6		0.0	12.2	0.0	41.6	

ΔL^*_{0a}=9.2 (i=1,2,...,8)

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