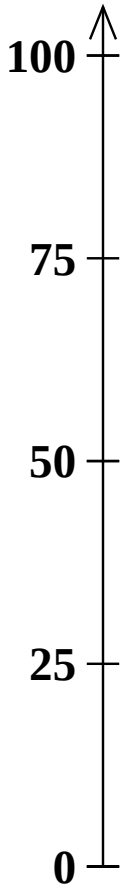
Equal 9 step grey scaling between L^*_{0aN}=17.9 and L^*_{0aW}=95.9, Y_{0ref}=3.6, normalisation grey *U*

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}=27.6, L^*_{taU}=57.0, L^*_{taW}=92.5, Y_{taN}=5.3, Y_{taU}=24.9, Y_{taW}=81.8, C_{taY}=Y_{taW}:Y_{taN}=15.3

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



		g^*_5= 99, g^*_9= 99 intended output				**g^*_5= 72, g^*_9= 65 real output**					**g^*_5= 97, g^*_9= 96 linearized output**	
	n0. i	**L*0a**	**L*0r**	**Y0a**	**Y0r**	**L*ta**	**ΔL*ta**	**L*tr**	**Yta**	**(L*tr)$^{1/1.15}$**	**L*la**	**ΔL*la**
○	9	96.0	1.0	90.0	1.0	92.5		1.0	81.8	1.0	92.5	
							9.0					8.0
	8	86.2	0.875	68.5	0.754	83.4		0.86	62.9	0.877	84.5	
							9.0					8.0
	7	76.5	0.75	50.7	0.55	74.4		0.722	47.4	0.753	76.4	
							8.8					8.1
	6	66.7	0.625	36.3	0.386	65.6		0.585	34.8	0.627	68.3	
							8.6					8.2
	5	56.9	0.5	24.9	0.256	57.0		0.452	24.9	0.5	60.1	
							8.3					8.2
	4	47.2	0.375	16.2	0.156	48.6		0.323	17.3	0.373	51.9	
							7.9					8.2
	3	37.4	0.25	9.8	0.083	40.7		0.201	11.7	0.247	43.7	
							7.1					8.0
	2	27.7	0.125	5.3	0.032	33.6		0.091	7.8	0.124	35.7	
							5.9					8.0
●	1	17.9	0.0	2.5	0.0	27.6		0.0	5.3	0.0	27.6	

ΔL^*_{0a}=9.7 (i=1,2,...,8)

normalisation: $Y_{taiU}=Y_{0aU}\frac{Y_{0ai}+Y_{0ref}}{Y_{0aU}+Y_{0ref}}$