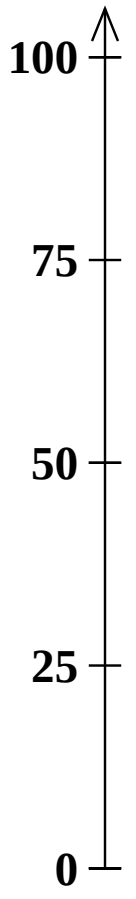
Equal 9 step grey scaling between L^*_{0aN}=20.0 and L^*_{0aW}=103.0, Y_{0ref}=0.9, normalisation grey *U*

L^*_{0aN}=20.0, L^*_{0aU}=61.5, L^*_{0aW}=103.0, Y_{0aN}=3.0, Y_{0aU}=29.8, Y_{0aW}=108.0, C_{0aY}=Y_{0aW}:Y_{0aN}=36.0

L^*_{taN}=22.9, L^*_{taU}=61.5, L^*_{taW}=102.2, Y_{taN}=3.8, Y_{taU}=29.8, Y_{taW}=105.7, C_{taY}=Y_{taW}:Y_{taN}=27.9

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= 100, g^*_9= 99 intended output				**g^*_5= 91, g^*_9= 88 real output**					**g^*_5= 98, g^*_9= 98 linearized output**	
	n0. i	**L*0a**	**L*0r**	**Y0a**	**Y0r**	**L*ta**	**ΔL*ta**	**L*tr**	**Yta**	**(L*tr)$^{1/1.04}$**	**L*la**	**ΔL*la**
○	9	103.0	1.0	108.0	1.0	102.2		1.0	105.7	1.0	102.2	
							10.2					9.8
	8	92.6	0.875	82.1	0.754	92.0		0.871	80.6	0.876	92.3	
							10.2					9.9
	7	82.3	0.75	60.8	0.55	81.8		0.743	59.9	0.751	82.4	
							10.1					9.9
	6	71.9	0.625	43.5	0.386	71.6		0.614	43.1	0.626	72.5	
							10.1					9.9
	5	61.5	0.5	29.8	0.256	61.5		0.487	29.8	0.5	62.6	
							10.0					10.0
	4	51.2	0.375	19.4	0.156	51.5		0.36	19.7	0.374	52.6	
							9.9					9.9
	3	40.8	0.25	11.7	0.083	41.6		0.236	12.3	0.249	42.7	
							9.6					9.9
	2	30.4	0.125	6.4	0.032	32.0		0.114	7.1	0.124	32.8	
							9.1					9.8
	1	20.0	0.0	3.0	0.0	22.9		0.0	3.8	0.0	22.9	

ΔL^*_{0a}=10.4 (i=1,2,...,8)

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