Equal 9 step grey scaling between L^*_{0aN}=17.9 and L^*_{0aW}=95.9, Y_{0ref}=90.0, normalisation white *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}=73.7, L^*_{taU}=80.4, L^*_{taW}=96.0, Y_{taN}=46.2, Y_{taU}=57.4, Y_{taW}=90.0, C_{taY}=Y_{taW}:Y_{taN}=1.9

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

L^*_{CIELAB}		g^*_5= 99, g^*_9= 99 intended output				g^*_5= 25, g^*_9= 19 real output					g^*_5= 89, g^*_9= 73 linearized output	
	n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	(L*tr)$^{1/1.68}$	L*la	ΔL*la
100	9	96.0	1.0	90.0	1.0	96.0		1.0	90.0	1.0	96.0	
							4.6					2.9
	8	86.2	0.875	68.5	0.754	91.3		0.791	79.2	0.87	93.1	
							4.2					2.9
75	7	76.5	0.75	50.7	0.55	87.2		0.603	70.3	0.741	90.2	
							3.6					2.8
	6	66.7	0.625	36.3	0.386	83.5		0.44	63.1	0.613	87.4	
							3.1					2.7
	5	56.9	0.5	24.9	0.256	80.4		0.301	57.4	0.49	84.6	
50							2.5					2.6
	4	47.2	0.375	16.2	0.156	77.9		0.189	53.1	0.371	82.0	
							1.9					2.5
	3	37.4	0.25	9.8	0.083	76.0		0.103	49.9	0.258	79.5	
							1.4					2.4
25	2	27.7	0.125	5.3	0.032	74.6		0.041	47.7	0.149	77.0	
							0.9					3.3
	1	17.9	0.0	2.5	0.0	73.7		0.0	46.2	0.0	73.7	
0												

ΔL^*_{0a}=9.7 (i=1,2,...,8)

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