Equal 9 step grey scaling between L^*_{0aN}=14.4 and L^*_{0aW}=95.9, Y_{0ref}=1.8, normalisation white *W*

L^*_{0aN}=14.4, L^*_{0aU}=55.2, L^*_{0aW}=96.0, Y_{0aN}=1.8, Y_{0aU}=23.1, Y_{0aW}=90.0, C_{0aY}=Y_{0aW}:Y_{0aN}=50.0

L^*_{taN}=22.0, L^*_{taU}=56.5, L^*_{taW}=96.0, Y_{taN}=3.5, Y_{taU}=24.4, Y_{taW}=90.0, C_{taY}=Y_{taW}:Y_{taN}=25.5

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= 79, g^*_9= 72 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)$^{1/1.1}$	L*la	ΔL*la
120												
	9	96.0	1.0	90.0	1.0	96.0		1.0	90.0	1.0	96.0	
							10.0					9.1
90	8	85.8	0.875	67.6	0.746	86.0		0.865	68.0	0.877	86.9	
							9.9					9.2
	7	75.6	0.75	49.2	0.538	76.1		0.731	50.0	0.753	77.7	
							9.8					9.3
60	6	65.4	0.625	34.5	0.371	66.2		0.598	35.6	0.627	68.4	
							9.7					9.3
	5	55.2	0.5	23.1	0.242	56.5		0.466	24.4	0.501	59.1	
							9.5					9.4
	4	45.0	0.375	14.5	0.144	47.0		0.337	16.0	0.374	49.7	
							9.2					9.4
30	3	34.8	0.25	8.4	0.075	37.8		0.213	10.0	0.247	40.3	
							8.5					9.2
	2	24.6	0.125	4.3	0.028	29.3		0.098	6.0	0.122	31.1	
							7.3					9.1
0	1	14.4	0.0	1.8	0.0	22.0		0.0	3.5	0.0	22.0	

ΔL^*_{0a}=10.2 (i=1,2,...,8)

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