Equal 9 step grey scaling between L^*_{0aN}=29.4 and L^*_{0aW}=78.4, Y_{0ref}=3.6, normalisation white *W*

L^*_{0aN}=29.4, L^*_{0aU}=53.9, L^*_{0aW}=78.5, Y_{0aN}=6.0, Y_{0aU}=21.9, Y_{0aW}=54.0, C_{0aY}=Y_{0aW}:Y_{0aN}=9.0

L^*_{taN}=36.0, L^*_{taU}=56.0, L^*_{taW}=78.5, Y_{taN}=9.0, Y_{taU}=23.9, Y_{taW}=54.0, C_{taY}=Y_{taW}:Y_{taN}=6.0

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= 83, g^*_9= 80 real output					g^*_5= 99, g^*_9= 96 linearized output	
	n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	(L*tr)$^{1/1.08}$	L*la	ΔL*la
100												
	9	78.5	1.0	54.0	1.0	78.5	5.7	1.0	54.0	1.0	78.5	5.3
75	8	72.3	0.875	44.1	0.795	72.7	5.7	0.865	44.8	0.875	73.1	5.3
	7	66.2	0.75	35.6	0.616	67.1	5.6	0.732	36.7	0.749	67.8	5.3
	6	60.1	0.625	28.2	0.462	61.5	5.5	0.6	29.8	0.624	62.5	5.3
	5	53.9	0.5	21.9	0.332	56.0	5.3	0.471	23.9	0.499	57.2	5.3
50	4	47.8	0.375	16.6	0.222	50.7	5.2	0.345	19.0	0.374	51.9	5.3
	3	41.7	0.25	12.3	0.131	45.5	4.9	0.224	14.9	0.25	46.6	5.2
	2	35.5	0.125	8.8	0.058	40.6	4.6	0.108	11.6	0.128	41.4	5.2
25	1	29.4	0.0	6.0	0.0	36.0		0.0	9.0	0.0	36.0	5.4
0												

ΔL^*_{0a}=6.1 **(i=1,2,...,8)**

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