Equal 9 step grey scaling between L^*_{0aN}=17.9 and L^*_{0aW}=95.9, Y_{0ref}=90.0, 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}=51.9, L^*_{taU}=57.0, L^*_{taW}=68.7, Y_{taN}=20.0, Y_{taU}=24.9, Y_{taW}=39.0, 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	68.7		1.0	39.0	1.0	68.7	
							3.5					2.2
	8	86.2	0.875	68.5	0.754	65.2		0.791	34.3	0.87	66.5	
							3.2					2.2
75	7	76.5	0.75	50.7	0.55	62.0		0.603	30.5	0.741	64.4	
							2.8					2.1
	6	66.7	0.625	36.3	0.386	59.3		0.44	27.3	0.613	62.2	
							2.3					2.1
	5	56.9	0.5	24.9	0.256	57.0		0.301	24.9	0.49	60.1	
50							1.9					2.0
	4	47.2	0.375	16.2	0.156	55.1		0.189	23.0	0.371	58.1	
							1.4					1.9
	3	37.4	0.25	9.8	0.083	53.6		0.103	21.6	0.258	56.2	
							1.0					1.8
25	2	27.7	0.125	5.3	0.032	52.6		0.041	20.6	0.149	54.4	
							0.7					2.5
	1	17.9	0.0	2.5	0.0	51.9		0.0	20.0	0.0	51.9	
0												

ΔL^*_{0a}=9.7 (i=1,2,...,8)

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

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