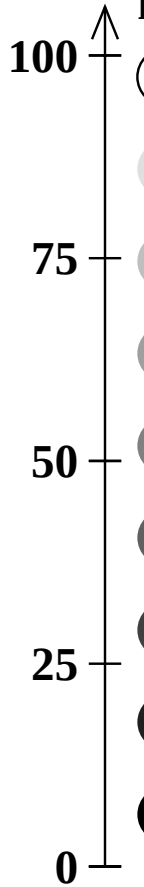
Equal 9 step grey scaling between L^*_{0aN}=8.1 and L^*_{0aW}=95.9, Y_{0ref}=20.0, normalisation white *W*

L^*_{0aN}=8.1, L^*_{0aU}=52.1, L^*_{0aW}=96.0, Y_{0aN}=0.9, Y_{0aU}=20.2, Y_{0aW}=90.0, C_{0aY}=Y_{0aW}:Y_{0aN}=99.9

L^*_{taN}=48.4, L^*_{taU}=64.1, L^*_{taW}=96.0, Y_{taN}=17.1, Y_{taU}=32.9, Y_{taW}=90.0, C_{taY}=Y_{taW}:Y_{taN}=5.3

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



	intended output g^*_5= 99, g^*_9= 99				**real output** g^*_5= 29, g^*_9= 21					**linearized output** g^*_5= 95, g^*_9= 88	
n0. i	**L*0a**	**L*0r**	**Y0a**	**Y0r**	**L*ta**	**ΔL*ta**	**L*tr**	**Yta**	**(L*tr)$^{1/1.59}$**	**L*la**	**ΔL*la**
9	96.0	1.0	90.0	1.0	96.0		1.0	90.0	1.0	96.0	
						8.8					5.7
8	85.0	0.875	66.0	0.731	87.2		0.815	70.4	0.879	90.2	
						8.4					5.9
7	74.0	0.75	46.7	0.515	78.8		0.639	54.6	0.755	84.3	
						7.8					6.1
6	63.0	0.625	31.6	0.345	71.0		0.476	42.2	0.627	78.2	
						7.0					6.2
5	52.1	0.5	20.2	0.217	64.1		0.329	32.9	0.498	72.1	
						5.9					6.1
4	41.1	0.375	11.9	0.124	58.1		0.205	26.1	0.369	66.0	
						4.6					5.9
3	30.1	0.25	6.3	0.06	53.5		0.107	21.5	0.246	60.1	
						3.2					5.5
2	19.1	0.125	2.8	0.021	50.2		0.039	18.6	0.131	54.6	
						1.9					6.2
1	8.1	0.0	0.9	0.0	48.4		0.0	17.1	0.0	48.4	

ΔL^*_{0a}=11.0 (i=1,2,...,8)

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

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