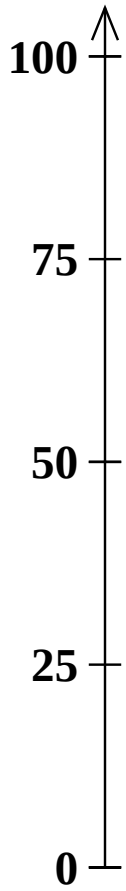
Equal 9 step grey scaling between L^*_{0aN}=3.6 and L^*_{0aW}=95.9, Y_{0ref}=20.0, normalisation white *W*

L^*_{0aN}=3.6, L^*_{0aU}=49.8, L^*_{0aW}=96.0, Y_{0aN}=0.4, Y_{0aU}=18.2, Y_{0aW}=90.0, C_{0aY}=Y_{0aW}:Y_{0aN}=225.0

L^*_{taN}=47.9, L^*_{taU}=62.8, L^*_{taW}=96.0, Y_{taN}=16.7, Y_{taU}=31.3, Y_{taW}=90.0, C_{taY}=Y_{taW}:Y_{taN}=5.4

Regularity index according to ISO/IEC 15775:2022, annex G for 5 and 9 steps

$g^* = 100\ [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{CIELAB} = 116\ [Y/Y_n]^{1/3} - 16$ with $Y >= 0{,}882$, Y_n=100



		g^*_5= 99, g^*_9= 99 intended output				g^*_5= 24, g^*_9= 16 real output					g^*_5= 93, g^*_9= 86 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
	9	96.0	1.0	90.0	1.0	96.0		1.0	90.0	1.0	96.0	
							9.2					5.7
	8	84.4	0.875	64.9	0.72	86.7		0.808	69.5	0.881	90.3	
							8.7					6.0
	7	72.9	0.75	45.0	0.498	78.0		0.626	53.2	0.757	84.3	
							8.1					6.2
	6	61.3	0.625	29.6	0.326	69.9		0.458	40.6	0.629	78.1	
							7.1					6.3
	5	49.8	0.5	18.2	0.199	62.8		0.309	31.3	0.498	71.8	
							5.9					6.2
	4	38.2	0.375	10.2	0.11	56.8		0.186	24.7	0.368	65.6	
							4.5					6.0
	3	26.7	0.25	5.0	0.051	52.3		0.093	20.4	0.244	59.6	
							2.9					5.4
	2	15.2	0.125	1.9	0.017	49.4		0.032	17.9	0.131	54.2	
							1.6					6.3
	1	3.6	0.0	0.4	0.0	47.9		0.0	16.7	0.0	47.9	

ΔL^*_{0a}=11.5 (i=1,2,...,8)

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