9stufige Grauskalierung zwischen L^*_{0aN}=29.4 und L^*_{0aW}=78.4, Y_{0ref}=1.8, Normierung Grau *U*

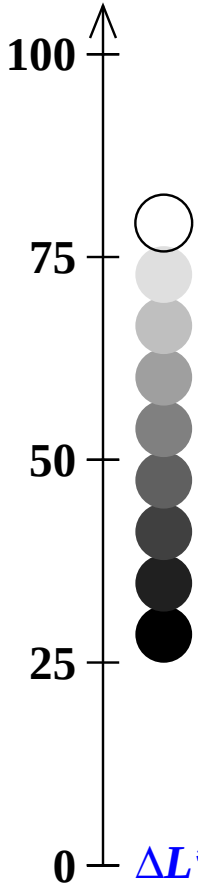
L^*_{0aN}=29.4, L^*_{0aU}=53.9, L^*_{0aW}=78.5, Y_{0aN}=6.0, Y_{0aU}=21.9, Y_{0aW}=54.0, $C_{0aY}=Y_{0aW}:Y_{0aN}$=9.0

L^*_{taN}=32.3, L^*_{taU}=53.9, L^*_{taW}=77.0, Y_{taN}=7.2, Y_{taU}=21.9, Y_{taW}=51.6, $C_{taY}=Y_{taW}:Y_{taN}$=7.1

Regularitätsindex nach ISO/IEC 15775:2022, Anhang G für 5 und 9 Stufen

g^* = 100 [ΔL^*_{min}] / [ΔL^*_{max}], L^*_{CIELAB} = 116 $[Y/Y_n]^{1/3}$ – 16 mit Y >= 0,882, Y_n=100

	g^*_5= 99, g^*_9= 99				**g^*_5= 90, g^*_9= 88**					**g^*_5= 99, g^*_9= 98**	
L^*_{CIELAB}	**angestrebte Ausgabe**				**reale Ausgabe**					**linearisierte Ausgabe**	
n0. i	**L*0a**	**L*0r**	**Y0a**	**Y0r**	**L*ta**	**ΔL*ta**	**L*tr**	**Yta**	**$(L^*tr)^{1/1.04}$**	**L*la**	**ΔL*la**
9	78.5	1.0	54.0	1.0	77.0	5.8	1.0	51.6	1.0	77.0	5.6
8	72.3	0.875	44.1	0.795	71.2	5.8	0.87	42.5	0.875	71.4	5.6
7	66.2	0.75	35.6	0.616	65.4	5.7	0.74	34.5	0.75	65.8	5.6
6	60.1	0.625	28.2	0.462	59.6	5.7	0.611	27.7	0.624	60.2	5.6
5	53.9	0.5	21.9	0.332	53.9	5.6	0.484	21.9	0.499	54.6	5.6
4	47.8	0.375	16.6	0.222	48.3	5.5	0.358	17.0	0.374	49.0	5.6
3	41.7	0.25	12.3	0.131	42.8	5.4	0.235	13.0	0.25	43.5	5.6
2	35.5	0.125	8.8	0.058	37.4	5.1	0.115	9.8	0.126	37.9	5.5
1	29.4	0.0	6.0	0.0	32.3		0.0	7.2	0.0	32.3	5.6



ΔL^*_{0a}=6.1 **(i=1,2,...,8)**

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