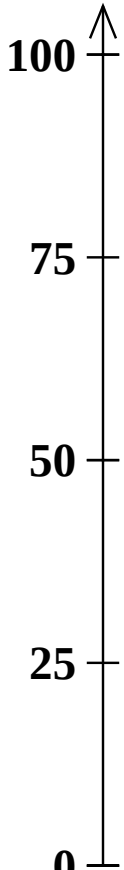
9stufige Grauskalierung zwischen L^*_{0aN}=22.3 und L^*_{0aW}=95.9, Y_{0ref}=0.9, Normierung Weiß *W*

L^*_{0aN}=22.3, L^*_{0aU}=59.1, L^*_{0aW}=96.0, Y_{0aN}=3.6, Y_{0aU}=27.2, Y_{0aW}=90.0, $C_{0aY}=Y_{0aW}:Y_{0aN}$=25.0

L^*_{taN}=25.1, L^*_{taU}=59.7, L^*_{taW}=96.0, Y_{taN}=4.4, Y_{taU}=27.8, Y_{taW}=90.0, $C_{taY}=Y_{taW}:Y_{taN}$=20.2

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

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



L^*_{CIELAB}		angestrebte Ausgabe				reale Ausgabe					linearisierte Ausgabe	
	n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/1.03}$	L*la	ΔL*la
	9	96.0	1.0	90.0	1.0	96.0		1.0	90.0	1.0	96.0	
							9.1					8.8
	8	86.8	0.875	69.6	0.763	86.9		0.871	69.8	0.875	87.2	
							9.1					8.8
	7	77.6	0.75	52.5	0.566	77.8		0.743	52.9	0.751	78.3	
							9.0					8.9
	6	68.4	0.625	38.5	0.403	68.7		0.615	39.0	0.625	69.4	
							9.0					8.9
	5	59.1	0.5	27.2	0.273	59.7		0.488	27.8	0.5	60.6	
							8.9					8.9
	4	49.9	0.375	18.4	0.171	50.8		0.362	19.1	0.374	51.7	
							8.8					8.9
	3	40.7	0.25	11.7	0.094	41.9		0.237	12.5	0.249	42.8	
							8.6					8.8
	2	31.5	0.125	6.9	0.038	33.3		0.116	7.7	0.125	34.0	
							8.2					8.8
	1	22.3	0.0	3.6	0.0	25.1		0.0	4.4	0.0	25.1	

g^*_5= 99, g^*_9= 99 | **g^*_5= 92, g^*_9= 90** | **g^*_5= 99, g^*_9= 99**

ΔL^*_{0a}=9.2 (i=1,2,...,8)

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

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