9stufige Grauskalierung zwischen L^*_{0aN}=22 & L^*_{0aW}=108.2, Y_{0ref}=4, Normierung Weiß *W*

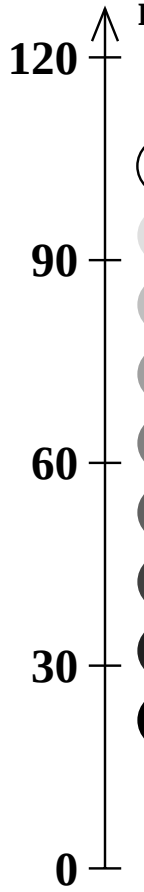
L^*_{0aN}=22.8, L^*_{0aU}=65.5, L^*_{0aW}=108.2, Y_{0aN}=3.3, Y_{0aU}=37.8, Y_{0aW}=120.0, C_{0aY}=Y_{0aW}:Y_{0aN}=36.0

L^*_{taN}=31.7, L^*_{taU}=67.5, L^*_{taW}=108.2, Y_{taN}=7.1, Y_{taU}=40.4, Y_{taW}=120.0, C_{taY}=Y_{taW}:Y_{taN}=16.9

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

$g^* = 100\ [\Delta L^*_{min}] / [\Delta L^*_{max}]$, $L^*_{TUBsRGB,W} = 100\ [Y/Y_n]^{1/ln(10)}$ mit Y >= 0,39 = 100/255, Y_n=100

g^*_5= 99, g^*_9= 99 | **g^*_5= 80, g^*_9= 74** | **g^*_5= 76, g^*_9= 70**



$L^*_{TUBsRGB,W}$ angestrebte Ausgabe					reale Ausgabe					linearisierte Ausgabe	
n0. i	L*0a	L*0r	Y0a	Y0r	L*ta	ΔL*ta	L*tr	Yta	$(L^*tr)^{1/1.24}$	L*la	ΔL*la
9	108.2	1.0	120.0	1.0	108.2		1.0	120.0	1.0	108.2	
						10.3					8.4
8	97.6	0.875	94.5	0.781	97.9		0.865	95.3	0.89	99.8	
						10.2					8.6
7	86.9	0.75	72.3	0.591	87.7		0.731	73.9	0.777	91.2	
						10.2					8.9
6	76.2	0.625	53.5	0.43	77.5		0.599	55.6	0.662	82.3	
						10.0					9.1
5	65.5	0.5	37.8	0.295	67.5		0.468	40.4	0.542	73.2	
						9.8					9.4
4	54.8	0.375	25.1	0.186	57.7		0.339	28.1	0.419	63.7	
						9.5					9.8
3	44.2	0.25	15.2	0.102	48.2		0.215	18.6	0.291	53.9	
						8.8					10.3
2	33.5	0.125	8.0	0.04	39.3		0.1	11.7	0.156	43.7	
						7.6					12.0
1	22.8	0.0	3.3	0.0	31.7		0.0	7.1	0.0	31.7	

ΔL^*_{0a}=10.7 (i=1,2,...,8)

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