

16stufige Grauskalierung zwischen L^*_N und L^*_W für 3 Reflexionen des Umgebungslichts

L^*	keine Umgebungsreflexion $Y_N=0, L^*_N=0$						Umgebungsreflexion $Y_N=2,5, L^*_N=18$						Umgebungsreflexion $Y_N=40, L^*_N=70$					
	Helligkeitsdifferenz $\Delta L^*=6,3$						Helligkeitsdifferenz $\Delta L^*=5,1$						Helligkeitsdifferenz $\Delta L^*=1,7$					
	n0.	w^*	w^*_T	L^*_{it}	L^*_{re}	ΔL^*_{re}	n0.	w^*	w^*_T	L^*_{it}	L^*_{re}	ΔL^*_{re}	n0.	w^*	w^*_T	L^*_{it}	L^*_{re}	ΔL^*_{re}
100	○ 16	1.0	1.0	95.4	95.4		○ 16	1.0	1.0	95.4	95.4		○ 16	1.0	1.0	95.4	95.4	
						6.35						6.16						3.37
	● 15	0.933	0.933	89.0	89.0		● 15	0.945	0.933	90.2	89.2		● 15	0.964	0.866	91.9	88.8	3.17
						6.35						6.14						2.95
	● 14	0.866	0.866	82.6	82.6		● 14	0.891	0.866	85.0	83.0		● 14	0.946	0.8	90.2	85.9	4.25
						6.35						6.11						4.25
	● 13	0.8	0.8	76.3	76.3		● 13	0.837	0.799	79.9	76.9		● 13	0.928	0.733	88.5	83.1	5.47
						6.35						6.06						5.47
	● 12	0.733	0.733	69.9	69.9		● 12	0.783	0.733	74.7	70.9		● 12	0.91	0.666	86.8	80.7	6.17
						6.35						6.01						6.17
	● 11	0.666	0.666	63.6	63.6		● 11	0.729	0.666	69.6	64.9		● 11	0.892	0.6	85.1	78.4	6.74
						6.35						5.94						6.74
	● 10	0.6	0.6	57.2	57.2		● 10	0.675	0.599	64.4	58.9		● 10	0.874	0.533	83.4	76.5	6.94
						6.35						5.84						6.94
	● 9	0.533	0.533	50.8	50.8		● 9	0.621	0.533	59.2	53.1		● 9	0.856	0.466	81.6	74.8	6.74
						6.35						5.71						6.74
	● 8	0.466	0.466	44.5	44.5		● 8	0.567	0.466	54.1	47.3		● 8	0.838	0.399	79.9	73.4	6.54
						6.35						5.53						6.54
	● 7	0.4	0.4	38.1	38.1		● 7	0.513	0.4	48.9	41.8		● 7	0.82	0.333	78.2	72.3	5.94
						6.35						5.26						5.94
	● 6	0.333	0.333	31.8	31.8		● 6	0.459	0.333	43.8	36.5		● 6	0.802	0.266	76.5	71.4	5.14
						6.35						4.89						5.14
	● 5	0.266	0.266	25.4	25.4		● 5	0.405	0.266	38.6	31.6		● 5	0.784	0.199	74.8	70.7	4.17
						6.35						4.37						4.37
	● 4	0.2	0.2	19.0	19.0		● 4	0.351	0.199	33.4	27.3		● 4	0.766	0.133	73.1	70.2	2.94
						6.35						3.66						3.66
	● 3	0.133	0.133	12.7	12.7		● 3	0.296	0.133	28.3	23.6		● 3	0.748	0.066	71.4	69.9	1.54
						6.35						2.81						2.81
	● 2	0.066	0.066	6.3	6.3		● 2	0.242	0.066	23.1	20.8		● 2	0.73	0.0	69.6	69.6	0.0
						6.35						2.83						2.83
	● 1	0.0	0.0	0.0	0.0		● 1	0.188	0.0	18.0	18.0							

ISO/CIE 11664-4: L^*_{it} = angestrebte CIELAB-Helligkeit der Ausgabe

IEC 61966-2-1: w^*_{sRGB} ist ungefähr proportional zu L^*

$$w^*_{sRGB} = L^*/95,4; w^*_T = [L^* \cdot L^*_N] / [L^*_W \cdot L^*_N]$$

L^*_{re} = realer Normfarbwert ohne Ausgabe-Linearisierung