

**Farbmetrische "Norm-Daten": Fernseh-Lichtfarben-System TLS00 für Helligkeit  $L^*=00$  von Schwarz und für CIE-Normlichtart D65**

System TLS00	Farbe	$r_d$	$g_d$	$b_d$	$L^*_d$	$C^*_{ab,d}$	$h_{ab,d}$	$a^*_d$	$b^*_d$	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$Y_d/88.59$
<b>WCGa</b>	$R_d$	1.0	0.0	0.0	47.29	76.0	33	63.85	41.22	29.01	16.24	4.26	0.5859	0.328	0.1833
	$Y_d$	1.0	1.0	0.0	88.3	95.88	97	-11.91	95.13	63.74	72.69	8.27	0.4405	0.5023	0.8204
<b>LabC*h<sub>ab</sub></b>	$G_d$	0.0	1.0	0.0	51.89	74.31	158	-68.78	28.11	8.53	20.05	9.58	0.2235	0.5254	0.2263
<b>D65-Reflexion:</b>	$C_d$	0.0	1.0	1.0	58.29	52.57	236	-29.21	-43.7	18.74	26.27	69.02	0.1643	0.2304	0.2965
	$B_d$	0.0	0.0	1.0	25.29	52.83	296	23.51	-47.3	6.22	4.51	22.65	0.1863	0.1351	0.0509
<b><math>Y_N = 0.01</math></b>	$M_d$	1.0	0.0	1.0	48.2	73.27	353	72.78	-8.48	32.46	16.95	23.04	0.448	0.234	0.1913
<b><math>L^*_d = 0.09</math></b>	$NO_d$	0.0	0.0	0.0	0.09	0.02	0	0.02	0.01	0.01	0.01	0.01	0.3322	0.3322	0.0001
	$WO_d$	1.0	1.0	1.0	95.41	0.01	0	0.0	0.0	84.21	88.6	96.48	0.3127	0.329	1.0
<b>Normierung:</b>	$NI_d$	0.0	0.0	0.0	0.09	0.02	0	0.02	0.01	0.01	0.01	0.01	0.3322	0.3322	0.0001
<b>Weiß <math>Y_W=89</math></b>	$WI_d$	1.13	1.13	1.13	100.0	0.0	0	0.0	0.0	95.05	100.0	108.9	0.3127	0.329	1.1287
	$ZI_d$	0.18	0.18	0.18	49.5	0.01	0	0.01	0.0	17.11	18.0	19.6	0.3127	0.329	0.2032

**Farbmetrische "Adaptierte Daten (a)": Fernseh-Lichtfarben-System TLS00a für Helligkeit  $L^*=00a$  von Schwarz und für CIE-Normlichtart D65**

System TLS00a	Farbe	$r_d$	$g_d$	$b_d$	$L^*_d$	$C^*_{ab,d}$	$h_{ab,d}$	$a^*_d$	$b^*_d$	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$Y_d/88.59$
<b>WCGa</b>	$R_d$	1.0	0.0	0.0	47.29	76.0	33	63.85	41.22	29.01	16.24	4.26	0.5859	0.328	0.1833
	$Y_d$	1.0	1.0	0.0	88.3	95.88	97	-11.91	95.13	63.74	72.69	8.27	0.4405	0.5023	0.8204
<b>LabC*h<sub>ab</sub></b>	$G_d$	0.0	1.0	0.0	51.89	74.31	158	-68.78	28.11	8.53	20.05	9.58	0.2235	0.5254	0.2263
<b>D65-Reflexion:</b>	$C_d$	0.0	1.0	1.0	58.29	52.57	236	-29.21	-43.7	18.74	26.27	69.02	0.1643	0.2304	0.2965
	$B_d$	0.0	0.0	1.0	25.29	52.83	296	23.51	-47.3	6.22	4.51	22.65	0.1863	0.1351	0.0509
<b><math>Y_N = 0.01</math></b>	$M_d$	1.0	0.0	1.0	48.2	73.27	353	72.78	-8.48	32.46	16.95	23.04	0.448	0.234	0.1913
<b><math>L^*_d = 0.09</math></b>	$NO_d$	0.0	0.0	0.0	0.09	0.02	0	0.02	0.01	0.01	0.01	0.01	0.3322	0.3322	0.0001
	$WO_d$	1.0	1.0	1.0	95.41	0.01	0	0.0	0.0	84.21	88.6	96.48	0.3127	0.329	1.0
<b>Normierung:</b>	$NI_d$	0.0	0.0	0.0	0.09	0.02	0	0.02	0.01	0.01	0.01	0.01	0.3322	0.3322	0.0001
<b>Weiß <math>Y_W=89</math></b>	$WI_d$	1.13	1.13	1.13	100.0	0.0	0	0.0	0.0	95.05	100.0	108.9	0.3127	0.329	1.1287
	$ZI_d$	0.18	0.18	0.18	49.5	0.01	0	0.01	0.0	17.11	18.0	19.6	0.3127	0.329	0.2032

**Farbmetrische "Adaptierte Daten (b)": Fernseh-Lichtfarben-System TLS00b für Helligkeit  $L^*=00b$  von Schwarz und für CIE-Normlichtart D65**

System TLS00b	Farbe	$r_d$	$g_d$	$b_d$	$L^*_d$	$C^*_{ab,d}$	$h_{ab,d}$	$a^*_d$	$b^*_d$	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$Y_d/88.59$
<b>WCGa</b>	$R_d$	1.0	0.0	0.0	47.29	76.0	33	63.85	41.22	29.01(=29.0+0.01)	16.24(=16.23+0.01)	4.26(=4.25+0.01)	29.01	16.24	0.1833
	$Y_d$	1.0	1.0	0.0	88.3	95.88	97	-11.91	95.13	63.74(=63.73+0.01)	72.69(=72.68+0.01)	8.27(=8.26+0.01)	63.74	72.69	0.8204
<b>LabC*h<sub>ab</sub></b>	$G_d$	0.0	1.0	0.0	51.89	74.31	158	-68.78	28.11	8.53(=8.52+0.01)	20.05(=20.04+0.01)	9.58(=9.57+0.01)	8.53	20.05	0.2263
<b>D65-Reflexion:</b>	$C_d$	0.0	1.0	1.0	58.29	52.57	236	-29.21	-43.7	18.74(=18.73+0.01)	26.27(=26.26+0.01)	69.02(=69.01+0.01)	18.74	26.27	0.2965
	$B_d$	0.0	0.0	1.0	25.29	52.83	296	23.51	-47.3	6.22(=6.21+0.01)	4.51(=4.5+0.01)	22.65(=22.64+0.01)	6.22	4.51	0.0509
<b><math>Y_N = 0.0</math></b>	$M_d$	1.0	0.0	1.0	48.2	73.27	353	72.78	-8.48	32.46(=32.45+0.01)	16.95(=16.94+0.01)	23.04(=23.03+0.01)	32.46	16.95	0.1913
<b><math>L^*_d = 0.0</math></b>	$NO_d$	0.0	0.0	0.0	0.09	0.02	0	0.02	0.01	0.01(=0.0+0.01)	0.01(=0.0+0.01)	0.01(=0.0+0.01)	0.01	0.01	0.0001
	$WO_d$	1.0	1.0	1.0	95.41	0.01	0	0.0	0.0	84.21(=84.2+0.01)	88.6(=88.59+0.01)	96.48(=96.47+0.01)	84.21	88.6	1.0
<b>Normierung:</b>	$NI_d$	0.0	0.0	0.0	0.09	0.02	0	0.02	0.01	0.01(=0.0+0.01)	0.01(=0.0+0.01)	0.01(=0.0+0.01)	0.01	0.01	0.0001
<b>Weiß <math>Y_W=89</math></b>	$WI_d$	1.13	1.13	1.13	100.0	0.0	0	0.0	0.0	95.05(=95.04+0.01)	100.0(=99.99+0.01)	108.9(=108.89+0.01)	95.05	100.0	1.1287
	$ZI_d$	0.18	0.18	0.18	49.5	0.01	0	0.01	0.0	17.11(=17.1+0.01)	18.0(=17.99+0.01)	19.6(=19.59+0.01)	17.11	18.0	0.2032