

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	$Y_d/88.59$
WCGa	R_d	1.0	0.0	0.0	55.35	147.67	40	112.69	95.43	56.43	23.27	0.0	0.708	0.292	0.2626
	Y_d	1.0	1.0	0.0	93.16	133.13	99	-20.63	131.52	69.24	83.34	2.48	0.4465	0.5375	0.9406
LabC*h_{ab}	G_d	0.0	1.0	0.0	81.88	199.89	146	-165.52	112.06	12.81	60.07	2.48	0.17	0.7971	0.678
D65-Reflexion:	C_d	0.0	1.0	1.0	85.16	105.74	190	-104.25	-17.67	27.77	66.32	96.48	0.1457	0.348	0.7485
	B_d	0.0	0.0	1.0	27.44	142.11	306	82.74	-115.53	14.96	5.25	94.0	0.131	0.046	0.0593
$Y_N = 0.01$	M_d	1.0	0.0	1.0	60.36	138.47	335	125.38	-58.77	71.39	28.52	94.0	0.3682	0.1471	0.3219
$L^*_d = 0.09$	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
Normierung:	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
	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
Grau $Y_Z=18$	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	$Y_d/88.59$
WCGa	R_d	1.0	0.0	0.0	55.35	147.67	40	112.69	95.43	56.43	23.27	0.0	0.708	0.292	0.2626
	Y_d	1.0	1.0	0.0	93.16	133.13	99	-20.63	131.52	69.24	83.34	2.48	0.4465	0.5375	0.9406
LabC*h_{ab}	G_d	0.0	1.0	0.0	81.88	199.89	146	-165.52	112.06	12.81	60.07	2.48	0.17	0.7971	0.678
D65-Reflexion:	C_d	0.0	1.0	1.0	85.16	105.74	190	-104.25	-17.67	27.77	66.32	96.48	0.1457	0.348	0.7485
	B_d	0.0	0.0	1.0	27.44	142.11	306	82.74	-115.53	14.96	5.25	94.0	0.131	0.046	0.0593
$Y_N = 0.01$	M_d	1.0	0.0	1.0	60.36	138.47	335	125.38	-58.77	71.39	28.52	94.0	0.3682	0.1471	0.3219
$L^*_d = 0.09$	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
Normierung:	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
	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
Grau $Y_Z=18$	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	$Y_d/88.59$
WCGa	R_d	1.0	0.0	0.0	55.35	147.67	40	112.69	95.43	56.43(=56.42+0.01)	23.27(=23.26+0.01)	0.0(=0.0+0.01)	0.708	0.292	0.2626
	Y_d	1.0	1.0	0.0	93.16	133.13	99	-20.63	131.52	69.24(=69.23+0.01)	83.34(=83.33+0.01)	2.48(=2.47+0.01)	0.4465	0.5375	0.9406
LabC*h_{ab}	G_d	0.0	1.0	0.0	81.88	199.89	146	-165.52	112.06	12.81(=12.8+0.01)	60.07(=60.06+0.01)	2.48(=2.47+0.01)	0.17	0.7971	0.678
D65-Reflexion:	C_d	0.0	1.0	1.0	85.16	105.74	190	-104.25	-17.67	27.77(=27.76+0.01)	66.32(=66.31+0.01)	96.48(=96.47+0.01)	0.1457	0.348	0.7485
	B_d	0.0	0.0	1.0	27.44	142.11	306	82.74	-115.53	14.96(=14.95+0.01)	5.25(=5.24+0.01)	94.0(=93.99+0.01)	0.131	0.046	0.0593
$Y_N = 0.0$	M_d	1.0	0.0	1.0	60.36	138.47	335	125.38	-58.77	71.39(=71.38+0.01)	28.52(=28.51+0.01)	94.0(=93.99+0.01)	0.3682	0.1471	0.3219
$L^*_d = 0.0$	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
Normierung:	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)	0.3127	0.329	1.0
	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
Grau $Y_Z=18$	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)	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(=17.1+0.01)	18.0(=17.99+0.01)	19.6(=19.59+0.01)	0.3127	0.329	0.2032