

Colorimetric "Standard data": Television Luminous System TLS00 for CIE lightness $L^*=00$ of black and for CIE standard illuminant D65

System TLS00	Colour	r_d	g_d	b_d	L^*_d	CAB,d	hAB,d	A_d	B_d	X_d	Y_d	Z_d	x_d	y_d	$Y_{\theta}88.59$
WCGA	R_d	1.0	0.0	0.0	47.29	37.77	19	35.7	12.33	29.01	16.24	4.26	0.5859	0.328	0.1833
	Y_d	1.0	1.0	0.0	88.3	66.6	102	-14.07	65.1	63.74	72.69	8.27	0.4405	0.5023	0.8204
	C_d	0.0	1.0	0.0	51.89	29.89	158	-27.68	11.25	8.53	20.05	9.58	0.2235	0.5254	0.2263
D65 reflection:	C_d	0.0	1.0	1.0	58.29	40.57	246	-16.38	-37.1	18.74	26.27	69.02	0.1643	0.2304	0.2965
	B_d	0.0	0.0	1.0	25.29	17.06	287	5.08	-16.28	6.22	4.51	22.65	0.1863	0.1351	0.0509
$Y_N = 0.01$	M_d	1.0	0.0	1.0	48.2	43.21	354	43.0	-4.2	32.46	16.95	23.04	0.448	0.234	0.1913
$L^*_d = 0.09$	N_d	0.0	0.0	0.0	0.09	0.0	0	0.0	0.0	0.01	0.01	0.01	0.3322	0.3322	0.0001
Normalization:	W_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
	N_d	0.0	0.0	0.0	0.09	0.0	0	0.0	0.0	0.01	0.01	0.01	0.3322	0.3322	0.0001
grey $Y_Z=18$	W_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
	Z_d	0.18	0.18	0.18	49.5	0.0	0	0.0	0.0	17.11	18.0	19.6	0.3127	0.329	0.2032

Colorimetric "Adapted data (a)": Television Luminous System TLS00a for CIE lightness $L^*=00a$ of black and for CIE standard illuminant D65

System TLS00a	Colour	r_d	g_d	b_d	L^*_d	CAB,d	hAB,d	A_d	B_d	X_d	Y_d	Z_d	x_d	y_d	$Y_{\theta}88.59$
WCGA	R_d	1.0	0.0	0.0	47.29	37.77	19	35.7	12.33	29.01	16.24	4.26	0.5859	0.328	0.1833
	Y_d	1.0	1.0	0.0	88.3	66.6	102	-14.07	65.1	63.74	72.69	8.27	0.4405	0.5023	0.8204
	C_d	0.0	1.0	0.0	51.89	29.89	158	-27.68	11.25	8.53	20.05	9.58	0.2235	0.5254	0.2263
D65 reflection:	C_d	0.0	1.0	1.0	58.29	40.57	246	-16.38	-37.1	18.74	26.27	69.02	0.1643	0.2304	0.2965
	B_d	0.0	0.0	1.0	25.29	17.06	287	5.08	-16.28	6.22	4.51	22.65	0.1863	0.1351	0.0509
$Y_N = 0.01$	M_d	1.0	0.0	1.0	48.2	43.21	354	43.0	-4.2	32.46	16.95	23.04	0.448	0.234	0.1913
$L^*_d = 0.09$	N_d	0.0	0.0	0.0	0.09	0.0	0	0.0	0.0	0.01	0.01	0.01	0.3322	0.3322	0.0001
Normalization:	W_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
	N_d	0.0	0.0	0.0	0.09	0.0	0	0.0	0.0	0.01	0.01	0.01	0.3322	0.3322	0.0001
grey $Y_Z=18$	W_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
	Z_d	0.18	0.18	0.18	49.5	0.0	0	0.0	0.0	17.11	18.0	19.6	0.3127	0.329	0.2032

Colorimetric "Adapted data (b)": Television Luminous System TLS00b for CIE lightness $L^*=00b$ of black and for CIE standard illuminant D65

System TLS00b	Colour	r_d	g_d	b_d	L^*_d	CAB,d	hAB,d	A_d	B_d	X_d	Y_d	Z_d	x_d	y_d	$Y_{\theta}88.59$
WCGA	R_d	1.0	0.0	0.0	47.29	37.77	19	35.7	12.33	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	66.6	102	-14.07	65.1	63.74(=63.73+0.01)	72.69(=72.68+0.01)	8.27(=8.26+0.01)	63.74	72.69	0.8204
	C_d	0.0	1.0	0.0	51.89	29.89	158	-27.68	11.25	8.53(=8.52+0.01)	20.05(=20.04+0.01)	9.58(=9.57+0.01)	8.53	20.05	0.2263
D65 reflection:	C_d	0.0	1.0	1.0	58.29	40.57	246	-16.38	-37.1	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	17.06	287	5.08	-16.28	6.22(=6.21+0.01)	4.51(=4.5+0.01)	22.65(=22.64+0.01)	6.22	4.51	0.0509
$Y_N = 0.0$	M_d	1.0	0.0	1.0	48.2	43.21	354	43.0	-4.2	32.46(=32.45+0.01)	16.95(=16.94+0.01)	23.04(=23.03+0.01)	32.46	16.95	0.1913
$L^*_d = 0.0$	N_d	0.0	0.0	0.0	0.09	0.0	0	0.0	0.0	0.01(=0.0+0.01)	0.01(=0.0+0.01)	0.01(=0.0+0.01)	0.01	0.01	0.0001
Normalization:	W_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
	N_d	0.0	0.0	0.0	0.09	0.0	0	0.0	0.0	0.01(=0.0+0.01)	0.01(=0.0+0.01)	0.01(=0.0+0.01)	0.01	0.01	0.0001
grey $Y_Z=18$	W_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
	Z_d	0.18	0.18	0.18	49.5	0.0	0	0.0	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