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	$C^*_{ab,d}$	$h_{ab,d}$	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 reflection:	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**	$N0_d$	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
Normalization:	$W0_d$	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
	$N1_d$	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
white Y_W**=89**	$W1_d$	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
	$Z1_d$	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

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	$C^*_{ab,d}$	$h_{ab,d}$	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 reflection:	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**	$N0_d$	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
Normalization:	$W0_d$	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
	$N1_d$	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
white Y_W**=89**	$W1_d$	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
	$Z1_d$	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

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	$C^*_{ab,d}$	$h_{ab,d}$	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)	56.43	23.27	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)	69.24	83.34	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)	12.81	60.07	0.678
D65 reflection:	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)	27.77	66.32	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)	14.96	5.25	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)	71.39	28.52	0.3219
L^*_d **= 0.0**	$N0_d$	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
Normalization:	$W0_d$	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
	$N1_d$	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
white Y_W**=89**	$W1_d$	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
	$Z1_d$	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