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

System TLS00
sRGB
L^*ABCh_{AB}
D65 reflection:
Y_N = 0.01
L^*_d = 0.09
Normalization:
greyY_Z=18

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
R_d	1.0	0.0	0.0	50.5	51.96	19	49.01	17.27	36.54	18.84	1.71	0.64	0.33	0.2126
Y_d	1.0	1.0	0.0	97.14	85.31	110	−29.44	80.06	76.99	92.78	13.85	0.4193	0.5053	1.0472
G_d	0.0	1.0	0.0	87.74	104.17	144	−84.73	60.58	35.76	71.52	11.91	0.3	0.6	0.8072
C_d	0.0	1.0	1.0	91.12	58.65	199	−55.31	−19.49	53.81	78.74	106.98	0.2246	0.3287	0.8887
B_d	0.0	0.0	1.0	32.3	85.31	290	29.43	−80.06	18.05	7.22	95.06	0.15	0.06	0.0815
M_d	1.0	0.0	1.0	60.32	104.15	324	84.72	−60.57	59.28	28.48	96.99	0.3209	0.1542	0.3214
$N0_d$	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
$W0_d$	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	0.0	0	0.0	0.0	0.01	0.01	0.01	0.3322	0.3322	0.0001
$W1_d$	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	0.0	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
sRGB
L^*ABCh_{AB}
D65 reflection:
Y_N = 0.01
L^*_d = 0.09
Normalization:
greyY_Z=18

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
R_d	1.0	0.0	0.0	50.5	51.96	19	49.01	17.27	36.54	18.84	1.71	0.64	0.33	0.2126
Y_d	1.0	1.0	0.0	97.14	85.31	110	−29.44	80.06	76.99	92.78	13.85	0.4193	0.5053	1.0472
G_d	0.0	1.0	0.0	87.74	104.17	144	−84.73	60.58	35.76	71.52	11.91	0.3	0.6	0.8072
C_d	0.0	1.0	1.0	91.12	58.65	199	−55.31	−19.49	53.81	78.74	106.98	0.2246	0.3287	0.8887
B_d	0.0	0.0	1.0	32.3	85.31	290	29.43	−80.06	18.05	7.22	95.06	0.15	0.06	0.0815
M_d	1.0	0.0	1.0	60.32	104.15	324	84.72	−60.57	59.28	28.48	96.99	0.3209	0.1542	0.3214
$N0_d$	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
$W0_d$	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	0.0	0	0.0	0.0	0.01	0.01	0.01	0.3322	0.3322	0.0001
$W1_d$	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	0.0	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
sRGB
L^*ABCh_{AB}
D65 reflection:
Y_N = 0.0
L^*_d = 0.0
Normalization:
greyY_Z=18

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
R_d	1.0	0.0	0.0	50.5	51.96	19	49.01	17.27	36.54(=36.53+0.01)	18.84(=18.83+0.01)	1.71(=1.7+0.01)	36.54	18.84	0.2126
Y_d	1.0	1.0	0.0	97.14	85.31	110	−29.44	80.06	76.99(=76.98+0.01)	92.78(=92.77+0.01)	13.85(=13.84+0.01)	76.99	92.78	1.0472
G_d	0.0	1.0	0.0	87.74	104.17	144	−84.73	60.58	35.76(=35.75+0.01)	71.52(=71.51+0.01)	11.91(=11.9+0.01)	35.76	71.52	0.8072
C_d	0.0	1.0	1.0	91.12	58.65	199	−55.31	−19.49	53.81(=53.8+0.01)	78.74(=78.73+0.01)	106.98(=106.97+0.01)	53.81	78.74	0.8887
B_d	0.0	0.0	1.0	32.3	85.31	290	29.43	−80.06	18.05(=18.04+0.01)	7.22(=7.21+0.01)	95.06(=95.05+0.01)	18.05	7.22	0.0815
M_d	1.0	0.0	1.0	60.32	104.15	324	84.72	−60.57	59.28(=59.27+0.01)	28.48(=28.47+0.01)	96.99(=96.98+0.01)	59.28	28.48	0.3214
$N0_d$	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
$W0_d$	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	0.0	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
$W1_d$	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	0.0	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