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

System TLS00

D65 reflection:

Y_N = 0.0

L^*_N = 0.01

Color i	r^*_d	g^*_d	b^*_d	$L^*_{re,d}$	$\Delta L^*_{re,d}$	$L^*_{it,d}$	$\Delta L^*_{it,d}$	w_d	X_d	Y_d	Z_d	x_d	y_d	Y_d/88.59
$01,0_d$	0.0	0.0	0.0	0.01		0.01		0.0	0.0	0.0	0.0	0.3127	0.329	0.0
$02,1_d$	0.125	0.125	0.125	11.93	11.92	11.94	11.93	0.125	1.33	1.4	1.52	0.3127	0.329	0.0158
$03,2_d$	0.25	0.25	0.25	23.85	11.92	23.86	11.93	0.25	3.85	4.05	4.41	0.3127	0.329	0.0458
$04,3_d$	0.375	0.375	0.375	35.78	11.93	35.79	11.92	0.375	8.45	8.89	9.68	0.3127	0.329	0.1004
$05,4_d$	0.5	0.5	0.5	47.7	11.92	47.71	11.92	0.5	15.74	16.56	18.03	0.3127	0.329	0.1869
$06,5_d$	0.625	0.625	0.625	59.63	11.93	59.64	11.92	0.625	26.34	27.71	30.18	0.3127	0.329	0.3128
$07,6_d$	0.75	0.75	0.75	71.55	11.92	71.56	11.93	0.75	40.86	42.99	46.81	0.3127	0.329	0.4853
$08,7_d$	0.875	0.875	0.875	83.48	11.93	83.49	11.92	0.875	59.94	63.07	68.67	0.3127	0.329	0.7119
$09,8_d$	1.0	1.0	1.0	95.41	11.93	95.41	11.93	1.0	84.2	88.59	96.46	0.3127	0.329	1.0
$10,N_d$	0.0	0.0	0.0	0.01	95.4	0.01	95.4		0.0	0.0	0.0	0.3127	0.329	0.0
$11,W_d$	1.0	1.0	1.0	95.41		95.41			84.2	88.59	96.46	0.3127	0.329	1.0

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

System TLS00a

D65 reflection:

Y_N = 0.0

L^*_N = 0.01

Color i	r^*_d	g^*_d	b^*_d	$L^*_{re,d}$	$\Delta L^*_{re,d}$	$L^*_{it,d}$	$\Delta L^*_{it,d}$	w_d	$X_{a,d}$	$Y_{a,d}$	$Z_{a,d}$	$x_{a,d}$	$y_{a,d}$	$Y_{a,d}$/88.59
$01,0_d$	0.0	0.0	0.0	0.01		0.01		0.0	0.0	0.0	0.0	0.3127	0.329	0.0
$02,1_d$	0.125	0.125	0.125	11.93	11.92	11.94	11.93	0.125	1.33	1.4	1.52	0.3127	0.329	0.0158
$03,2_d$	0.25	0.25	0.25	23.85	11.92	23.86	11.93	0.25	3.85	4.05	4.41	0.3127	0.329	0.0458
$04,3_d$	0.375	0.375	0.375	35.78	11.93	35.79	11.92	0.375	8.45	8.89	9.68	0.3127	0.329	0.1004
$05,4_d$	0.5	0.5	0.5	47.7	11.92	47.71	11.92	0.5	15.74	16.56	18.03	0.3127	0.329	0.1869
$06,5_d$	0.625	0.625	0.625	59.63	11.93	59.64	11.92	0.625	26.34	27.71	30.18	0.3127	0.329	0.3128
$07,6_d$	0.75	0.75	0.75	71.55	11.92	71.56	11.93	0.75	40.86	42.99	46.81	0.3127	0.329	0.4853
$08,7_d$	0.875	0.875	0.875	83.48	11.93	83.49	11.92	0.875	59.94	63.07	68.67	0.3127	0.329	0.7119
$09,8_d$	1.0	1.0	1.0	95.41	11.93	95.41	11.93	1.0	84.2	88.59	96.46	0.3127	0.329	1.0
$10,N_d$	0.0	0.0	0.0	0.01	95.4	0.01	95.4		0.0	0.0	0.0	0.3127	0.329	0.0
$11,W_d$	1.0	1.0	1.0	95.41		95.41			84.2	88.59	96.46	0.3127	0.329	1.0

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

System TLS00b

D65 reflection:

Y_N = 0.0

L^*_N = 0.0

Color i	r^*_d	g^*_d	b^*_d	$L^*_{re,d}$	$\Delta L^*_{re,d}$	$L^*_{it,d}$	$\Delta L^*_{it,d}$	w_d	$X_{b,d}$	$Y_{b,d}$	$Z_{b,d}$	$x_{b,d}$	$y_{b,d}$	$Y_{b,d}$/88.59
$01,0_d$	0.0	0.0	0.0	0.01		0.01		0.0	0.0(=0.0+0.0)	0.0(=0.0+0.0)	0.0(=0.0+0.0)	0.3118	0.3281	0.0
$02,1_d$	0.125	0.125	0.125	11.93	11.92	11.94	11.93	0.125	1.33(=1.33+0.0)	1.4(=1.39+0.0)	1.52(=1.52+0.0)	0.3127	0.329	0.0158
$03,2_d$	0.25	0.25	0.25	23.85	11.92	23.86	11.93	0.25	3.85(=3.85+0.0)	4.05(=4.05+0.0)	4.41(=4.41+0.0)	0.3127	0.329	0.0458
$04,3_d$	0.375	0.375	0.375	35.78	11.93	35.79	11.92	0.375	8.45(=8.45+0.0)	8.89(=8.89+0.0)	9.68(=9.68+0.0)	0.3127	0.329	0.1004
$05,4_d$	0.5	0.5	0.5	47.7	11.92	47.71	11.92	0.5	15.74(=15.74+0.0)	16.56(=16.56+0.0)	18.03(=18.03+0.0)	0.3127	0.329	0.1869
$06,5_d$	0.625	0.625	0.625	59.63	11.93	59.64	11.92	0.625	26.34(=26.34+0.0)	27.71(=27.71+0.0)	30.18(=30.17+0.0)	0.3127	0.329	0.3128
$07,6_d$	0.75	0.75	0.75	71.55	11.92	71.56	11.93	0.75	40.86(=40.86+0.0)	42.99(=42.99+0.0)	46.81(=46.81+0.0)	0.3127	0.329	0.4853
$08,7_d$	0.875	0.875	0.875	83.48	11.93	83.49	11.92	0.875	59.94(=59.94+0.0)	63.07(=63.07+0.0)	68.67(=68.67+0.0)	0.3127	0.329	0.7119
$09,8_d$	1.0	1.0	1.0	95.41	11.93	95.41	11.93	1.0	84.2(=84.2+0.0)	88.59(=88.59+0.0)	96.46(=96.46+0.0)	0.3127	0.329	1.0
$10,N_d$	0.0	0.0	0.0	0.01	95.4	0.01	95.4		0.0(=0.0+0.0)	0.0(=0.0+0.0)	0.0(=0.0+0.0)	0.3118	0.3281	0.0
$11,W_d$	1.0	1.0	1.0	95.41		95.41			84.2(=84.2+0.0)	88.59(=88.59+0.0)	96.46(=96.46+0.0)	0.3127	0.329	1.0