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

System TLS00
sRGB system

D65 reflection:
Y_N = 0.0
L^*_N = 0.01

Color	*r=olv*1*	*g=olv*2*	*b=olv*3*	*L**	*a**	*b**	C^*_{ab}	h_{ab}	$X=XYZ_1$	$Y=XYZ_2$	$Z=XYZ_3$	*x*	*y*	*Y/88.59*
O (R)	1.0	0.0	0.0	50.5	76.92	64.55	100.42	40	36.54	18.84	1.71	0.64	0.33	0.2127
Y	1.0	1.0	0.0	92.66	−20.69	90.75	93.08	103	68.21	82.19	12.27	0.4193	0.5053	0.9278
L (G)	0.0	1.0	0.0	83.63	−82.75	79.9	115.04	136	31.68	63.36	10.56	0.3	0.6	0.7152
C	0.0	1.0	1.0	86.88	−46.16	−13.55	48.12	196	47.67	69.76	94.74	0.2247	0.3288	0.7874
V (B)	0.0	0.0	1.0	25.72	31.45	−44.29	54.33	305	7.17	4.65	21.37	0.216	0.1402	0.0525
M	1.0	0.0	1.0	57.3	94.35	−58.41	110.97	328	52.52	25.23	85.89	0.3209	0.1542	0.2848
N	0.0	0.0	0.0	0.01	0.0	0.0	0.01	0	0.0	0.0	0.0	0.3127	0.329	0.0
W	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0
N0	0.0	0.0	0.0	0.01	0.0	0.0	0.01	0	0.0	0.0	0.0	0.3127	0.329	0.0
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	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 for illuminant D65

System TLS00a
sRGB system

D65 reflection:
Y_N = 0.0
L^*_N = 0.01

Color	*r=olv*1*	*g=olv*2*	*b=olv*3*	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	$Y_a/88.59$
O (R)	1.0	0.0	0.0	50.5	76.92	64.55	100.42	40	36.54	18.84	1.71	0.64	0.33	0.2127
Y	1.0	1.0	0.0	92.66	−20.69	90.75	93.08	103	68.21	82.19	12.27	0.4193	0.5053	0.9278
L (G)	0.0	1.0	0.0	83.63	−82.75	79.9	115.04	136	31.68	63.36	10.56	0.3	0.6	0.7152
C	0.0	1.0	1.0	86.88	−46.16	−13.55	48.12	196	47.67	69.76	94.74	0.2247	0.3288	0.7874
V (B)	0.0	0.0	1.0	25.72	31.45	−44.29	54.33	305	7.17	4.65	21.37	0.216	0.1402	0.0525
M	1.0	0.0	1.0	57.3	94.35	−58.41	110.97	328	52.52	25.23	85.89	0.3209	0.1542	0.2848
N	0.0	0.0	0.0	0.01	0.0	0.0	0.01	0	0.0	0.0	0.0	0.3127	0.329	0.0
W	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0
N0	0.0	0.0	0.0	0.01	0.0	0.0	0.01	0	0.0	0.0	0.0	0.3127	0.329	0.0
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.01	0	84.2	88.59	96.46	0.3127	0.329	1.0

Colorimetric "Adapted data (a0)": Television Luminous System TLS00a0 for CIE lightness *L**=00a0 of black for illuminant D65

System TLS00a0
sRGB system

D65 reflection:
Y_N = 0.0
L^*_N = 0.0

Color	*r=olv*1*	*g=olv*2*	*b=olv*3*	L^*_{a0}	a^*_{a0}	b^*_{a0}	$C^*_{ab,a0}$	$h_{ab,a0}$	$X_{a0}=XYZ_{1a0}$	$Y_{a0}=XYZ_{2a0}$	$Z_{a0}=XYZ_{3a0}$	x_{a0}	y_{a0}	$Y_{a0}/88.59$
O (R)	1.0	0.0	0.0	50.5	76.92	64.55	100.42	40	36.54(=36.53+0.0)	18.84(=18.84+0.0)	1.71(=1.71+0.0)	0.64	0.33	0.2127
Y	1.0	1.0	0.0	92.66	−20.69	90.75	93.08	103	68.21(=68.21+0.0)	82.19(=82.19+0.0)	12.27(=12.27+0.0)	0.4193	0.5053	0.9278
L (G)	0.0	1.0	0.0	83.63	−82.75	79.9	115.04	136	31.68(=31.68+0.0)	63.36(=63.36+0.0)	10.56(=10.55+0.0)	0.3	0.6	0.7152
C	0.0	1.0	1.0	86.88	−46.16	−13.55	48.12	196	47.67(=47.67+0.0)	69.76(=69.76+0.0)	94.74(=94.74+0.0)	0.2247	0.3288	0.7874
V (B)	0.0	0.0	1.0	25.72	31.45	−44.29	54.33	305	7.17(=7.17+0.0)	4.65(=4.65+0.0)	21.37(=21.37+0.0)	0.216	0.1402	0.0525
M	1.0	0.0	1.0	57.3	94.35	−58.41	110.97	328	52.52(=52.52+0.0)	25.23(=25.23+0.0)	85.89(=85.89+0.0)	0.3209	0.1542	0.2848
N	0.0	0.0	0.0	0.01	0.0	0.0	0.01	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
W	1.0	1.0	1.0	95.41	0.0	0.0	0.01	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
N0	0.0	0.0	0.0	0.01	0.0	0.0	0.01	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
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.01	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

Colorimetric "Adapted data (a0)": Television Luminous System TLS00a0 for CIE lightness L^*=00 of black for illuminant D65

System TLS00a0
sRGB system

D65 reflection:
Y_N = 0.0
L^*_N = 0.0

Color	r=olv*1	g=olv*2	b=olv*3	L^*_{a0}	a^*_{a0}	b^*_{a0}	$C^*_{ab,a0}$	$h_{ab,a}$	$X_{a0}=XYZ_{1a0}$	$Y_{a0}=XYZ_{2a0}$	$Z_{a0}=XYZ_{3a0}$	x_{a0}	y_{a0}	$Y_{a0}/88.59$
O (R)	1.0	0.0	0.0	50.5	76.92	64.55	100.42	40	36.54(=36.53+0.0)	18.84(=18.84+0.0)	1.71(=1.71+0.0)	0.64	0.33	0.2127
Y	1.0	1.0	0.0	92.66	−20.69	90.75	93.08	103	68.21(=68.21+0.0)	82.19(=82.19+0.0)	12.27(=12.27+0.0)	0.4193	0.5053	0.9278
L (G)	0.0	1.0	0.0	83.63	−82.75	79.9	115.04	136	31.68(=31.68+0.0)	63.36(=63.36+0.0)	10.56(=10.55+0.0)	0.3	0.6	0.7152
C	0.0	1.0	1.0	86.88	−46.16	−13.55	48.12	196	47.67(=47.67+0.0)	69.76(=69.76+0.0)	94.74(=94.74+0.0)	0.2247	0.3288	0.7874
V (B)	0.0	0.0	1.0	25.72	31.45	−44.29	54.33	305	7.17(=7.17+0.0)	4.65(=4.65+0.0)	21.37(=21.37+0.0)	0.216	0.1402	0.0525
M	1.0	0.0	1.0	57.3	94.35	−58.41	110.97	328	52.52(=52.52+0.0)	25.23(=25.23+0.0)	85.89(=85.89+0.0)	0.3209	0.1542	0.2848
N	0.0	0.0	0.0	0.01	0.0	0.0	0.01	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
W	1.0	1.0	1.0	95.41	0.0	0.0	0.01	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
N0	0.0	0.0	0.0	0.01	0.0	0.0	0.01	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
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.01	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

Calculated colorimetric data: Television Luminous Systems TLSxxa for CIE lightness L^*=00, 06, 11, 18 of black for illuminant D65

System TLS00a
sRGB system

D65 reflection:
Y_N = 0.0
L^*_N = 0.0

Color	r=olv*1	g=olv*2	b=olv*3	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	$Y_a/88.59$
O (R)	1.0	0.0	0.0	50.5	76.92	64.55	100.42	40	36.54(=36.54+0.0)	18.84(=18.84+0.0)	1.71(=1.71+0.0)	0.64	0.33	0.2127
Y	1.0	1.0	0.0	92.66	−20.69	90.75	93.08	103	68.21(=68.21+0.0)	82.19(=82.19+0.0)	12.27(=12.27+0.0)	0.4193	0.5053	0.9278
L (G)	0.0	1.0	0.0	83.63	−82.75	79.9	115.04	136	31.68(=31.68+0.0)	63.36(=63.36+0.0)	10.56(=10.56+0.0)	0.3	0.6	0.7152
C	0.0	1.0	1.0	86.88	−46.16	−13.55	48.12	196	47.67(=47.67+0.0)	69.76(=69.76+0.0)	94.74(=94.74+0.0)	0.2247	0.3288	0.7874
V (B)	0.0	0.0	1.0	25.72	31.45	−44.29	54.33	305	7.17(=7.17+0.0)	4.65(=4.65+0.0)	21.37(=21.37+0.0)	0.216	0.1402	0.0525
M	1.0	0.0	1.0	57.3	94.35	−58.41	110.97	328	52.52(=52.52+0.0)	25.23(=25.23+0.0)	85.89(=85.89+0.0)	0.3209	0.1542	0.2848
N	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0	0.0(=0.0+0.0)	0.0(=0.0+0.0)	0.0(=0.0+0.0)	0.3037	0.3195	0.0
W	1.0	1.0	1.0	95.41	0.0	0.0	0.0	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
N0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0	0.0(=0.0+0.0)	0.0(=0.0+0.0)	0.0(=0.0+0.0)	0.3037	0.3195	0.0
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.0	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

System TLS06a
sRGB system

D65 reflection:
Y_N = 0.63
L^*_N = 5.69

Color	r=olv*1	g=olv*2	b=olv*3	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	$Y_a/88.59$
O (R)	1.0	0.0	0.0	51.08	75.55	59.69	96.28	38	36.87(=36.28+0.6)	19.34(=18.71+0.63)	2.39(=1.7+0.69)	0.6293	0.33	0.2183
Y	1.0	1.0	0.0	92.68	−20.53	89.24	91.57	103	68.32(=67.72+0.6)	82.24(=81.61+0.63)	12.87(=12.18+0.69)	0.4181	0.5032	0.9283
L (G)	0.0	1.0	0.0	83.72	−81.8	78.32	113.26	136	32.05(=31.45+0.6)	63.54(=62.91+0.63)	11.17(=10.48+0.69)	0.3002	0.5952	0.7172
C	0.0	1.0	1.0	86.95	−45.72	−13.44	47.67	196	47.93(=47.33+0.6)	69.9(=69.27+0.63)	94.75(=94.07+0.69)	0.2255	0.3288	0.789
V (B)	0.0	0.0	1.0	27.43	29.31	−42.3	51.47	305	7.72(=7.12+0.6)	5.25(=4.62+0.63)	21.9(=21.22+0.69)	0.2213	0.1505	0.0592
M	1.0	0.0	1.0	57.73	93.07	−57.72	109.52	328	52.74(=52.14+0.6)	25.68(=25.05+0.63)	85.97(=85.28+0.69)	0.3208	0.1562	0.2899
N	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0	0.6(=0.0+0.6)	0.63(=0.0+0.63)	0.69(=0.0+0.69)	0.3127	0.329	0.0071
W	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=83.6+0.6)	88.59(=87.96+0.63)	96.46(=95.77+0.69)	0.3127	0.329	1.0
N0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0	0.6(=0.0+0.6)	0.63(=0.0+0.63)	0.69(=0.0+0.69)	0.3127	0.329	0.0071
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=83.6+0.6)	88.59(=87.96+0.63)	96.46(=95.77+0.69)	0.3127	0.329	1.0

System TLS11a
sRGB system

D65 reflection:
Y_N = 1.26
L^*_N = 11.0

Color	r=olv*1	g=olv*2	b=olv*3	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	$Y_a/88.59$
O (R)	1.0	0.0	0.0	51.65	74.21	55.83	92.87	37	37.21(=36.02+1.2)	19.83(=18.57+1.26)	3.06(=1.69+1.37)	0.6191	0.33	0.2239
Y	1.0	1.0	0.0	92.7	−20.37	87.77	90.11	103	68.44(=67.24+1.2)	82.28(=81.02+1.26)	13.46(=12.09+1.37)	0.4168	0.5012	0.9288
L (G)	0.0	1.0	0.0	83.82	−80.86	76.81	111.53	136	32.43(=31.23+1.2)	63.72(=62.46+1.26)	11.78(=10.4+1.37)	0.3005	0.5904	0.7192
C	0.0	1.0	1.0	87.01	−45.29	−13.34	47.23	196	48.19(=47.0+1.2)	70.03(=68.77+1.26)	94.77(=93.39+1.37)	0.2263	0.3288	0.7905
V (B)	0.0	0.0	1.0	29.02	27.48	−40.5	48.95	304	8.27(=7.07+1.2)	5.85(=4.59+1.26)	22.44(=21.07+1.37)	0.2262	0.1599	0.066
M	1.0	0.0	1.0	58.16	91.8	−57.03	108.08	328	52.97(=51.77+1.2)	26.13(=24.87+1.26)	86.04(=84.67+1.37)	0.3207	0.1582	0.295
N	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0	1.2(=0.0+1.2)	1.26(=0.0+1.26)	1.37(=0.0+1.37)	0.3127	0.329	0.0142
W	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=83.0+1.2)	88.59(=87.33+1.26)	96.46(=95.09+1.37)	0.3127	0.329	1.0
N0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0	1.2(=0.0+1.2)	1.26(=0.0+1.26)	1.37(=0.0+1.37)	0.3127	0.329	0.0142
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=83.0+1.2)	88.59(=87.33+1.26)	96.46(=95.09+1.37)	0.3127	0.329	1.0

System TLS18a
sRGB system

D65 reflection:
Y_N = 2.52
L^*_N = 18.01

Color	r=olv*1	g=olv*2	b=olv*3	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	$Y_a/88.59$
O (R)	1.0	0.0	0.0	52.76	71.63	49.88	87.29	35	37.89(=35.5+2.4)	20.82(=18.3+2.52)	4.41(=1.66+2.74)	0.6003	0.3299	0.2351
Y	1.0	1.0	0.0	92.74	−20.04	84.97	87.31	103	68.66(=66.27+2.4)	82.38(=79.86+2.52)	14.66(=11.92+2.74)	0.4144	0.4971	0.9298
L (G)	0.0	1.0	0.0	84.0	−79.0	73.94	108.21	137	33.17(=30.78+2.4)	64.08(=61.56+2.52)	13.0(=10.25+2.74)	0.3009	0.5812	0.7233
C	0.0	1.0	1.0	87.14	−44.43	−13.13	46.34	196	48.71(=46.32+2.4)	70.3(=67.78+2.52)	94.79(=92.05+2.74)	0.2278	0.3288	0.7935
V (B)	0.0	0.0	1.0	31.9	24.46	−37.39	44.69	303	9.36(=6.97+2.4)	7.04(=4.52+2.52)	23.51(=20.76+2.74)	0.2346	0.1764	0.0795
M	1.0	0.0	1.0	59.01	89.33	−55.69	105.27	328	53.42(=51.02+2.4)	27.03(=24.51+2.52)	86.19(=83.45+2.74)	0.3205	0.1622	0.3051
N	0.0	0.0	0.0	18.01	0.0	0.0	0.0	0	2.4(=0.0+2.4)	2.52(=0.0+2.52)	2.74(=0.0+2.74)	0.3127	0.329	0.0285
W	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=81.8+2.4)	88.59(=86.07+2.52)	96.46(=93.72+2.74)	0.3127	0.329	1.0
N0	0.0	0.0	0.0	18.01	0.0	0.0	0.0	0	2.4(=0.0+2.4)	2.52(=0.0+2.52)	2.74(=0.0+2.74)	0.3127	0.329	0.0285
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=81.8+2.4)	88.59(=86.07+2.52)	96.46(=93.72+2.74)	0.3127	0.329	1.0

Colorimetric "Adapted data (a0)": Television Luminous System TLS00a0 for CIE lightness L^*=00 of black for illuminant D65

System TLS00a0
sRGB system

D65 reflection:
Y_N = 0.0
L^*_N = 0.0

Color	r=olv*1	g=olv*2	b=olv*3	L^*_{a0}	a^*_{a0}	b^*_{a0}	$C^*_{ab,a0}$	$h_{ab,a}$	$X_{a0}=XYZ_{1a0}$	$Y_{a0}=XYZ_{2a0}$	$Z_{a0}=XYZ_{3a0}$	x_{a0}	y_{a0}	$Y_{a0}/88.59$
O (R)	1.0	0.0	0.0	50.5	76.92	64.55	100.42	40	36.54(=36.53+0.0)	18.84(=18.84+0.0)	1.71(=1.71+0.0)	0.64	0.33	0.2127
Y	1.0	1.0	0.0	92.66	−20.69	90.75	93.08	103	68.21(=68.21+0.0)	82.19(=82.19+0.0)	12.27(=12.27+0.0)	0.4193	0.5053	0.9278
L (G)	0.0	1.0	0.0	83.63	−82.75	79.9	115.04	136	31.68(=31.68+0.0)	63.36(=63.36+0.0)	10.56(=10.55+0.0)	0.3	0.6	0.7152
C	0.0	1.0	1.0	86.88	−46.16	−13.55	48.12	196	47.67(=47.67+0.0)	69.76(=69.76+0.0)	94.74(=94.74+0.0)	0.2247	0.3288	0.7874
V (B)	0.0	0.0	1.0	25.72	31.45	−44.29	54.33	305	7.17(=7.17+0.0)	4.65(=4.65+0.0)	21.37(=21.37+0.0)	0.216	0.1402	0.0525
M	1.0	0.0	1.0	57.3	94.35	−58.41	110.97	328	52.52(=52.52+0.0)	25.23(=25.23+0.0)	85.89(=85.89+0.0)	0.3209	0.1542	0.2848
N	0.0	0.0	0.0	0.01	0.0	0.0	0.01	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
W	1.0	1.0	1.0	95.41	0.0	0.0	0.01	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
N0	0.0	0.0	0.0	0.01	0.0	0.0	0.01	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
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.01	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

Calculated colorimetric data: Television Luminous Systems TLSxxa for CIE lightness L^*=27, 33, 52, 70 of black for illuminant D65

System TLS27a
sRGB system

D65 reflection:
Y_N = 5.04
L^*_N = 26.85

Color	r=olv*1	g=olv*2	b=olv*3	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	$Y_a/88.59$
O (R)	1.0	0.0	0.0	54.87	66.84	41.69	78.78	32	39.25(=34.46+4.79)	22.81(=17.77+5.04)	7.1(=1.61+5.49)	0.5675	0.3298	0.2575
Y	1.0	1.0	0.0	92.82	−19.4	79.81	82.13	104	69.12(=64.33+4.79)	82.56(=77.52+5.04)	17.06(=11.57+5.49)	0.4096	0.4893	0.9319
L (G)	0.0	1.0	0.0	84.38	−75.4	68.76	102.05	138	34.67(=29.88+4.79)	64.79(=59.75+5.04)	15.44(=9.95+5.49)	0.3017	0.5639	0.7314
C	0.0	1.0	1.0	87.4	−42.73	−12.71	44.59	197	49.75(=44.96+4.79)	70.83(=65.79+5.04)	94.84(=89.35+5.49)	0.2309	0.3288	0.7995
V (B)	0.0	0.0	1.0	36.79	20.12	−32.47	38.21	302	11.55(=6.76+4.79)	9.43(=4.39+5.04)	25.64(=20.16+5.49)	0.2478	0.2022	0.1064
M	1.0	0.0	1.0	60.64	84.61	−53.09	99.89	328	54.32(=49.53+4.79)	28.84(=23.8+5.04)	86.49(=81.01+5.49)	0.3202	0.17	0.3255
N	0.0	0.0	0.0	26.85	0.0	0.0	0.0	0	4.79(=0.0+4.79)	5.04(=0.0+5.04)	5.49(=0.0+5.49)	0.3127	0.329	0.0569
W	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=79.41+4.79)	88.59(=83.55+5.04)	96.46(=90.97+5.49)	0.3127	0.329	1.0
N0	0.0	0.0	0.0	26.85	0.0	0.0	0.0	0	4.79(=0.0+4.79)	5.04(=0.0+5.04)	5.49(=0.0+5.49)	0.3127	0.329	0.0569
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=79.41+4.79)	88.59(=83.55+5.04)	96.46(=90.97+5.49)	0.3127	0.329	1.0

System TLS38a
sRGB system

D65 reflection:
Y_N = 10.08
L^*_N = 37.99

Color	r=olv*1	g=olv*2	b=olv*3	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	$Y_a/88.59$
O (R)	1.0	0.0	0.0	58.77	58.45	31.72	66.5	28	41.96(=32.38+9.58)	26.78(=16.7+10.08)	12.49(=1.52+10.98)	0.5166	0.3297	0.3022
Y	1.0	1.0	0.0	92.98	−18.12	70.81	73.1	104	70.03(=60.45+9.58)	82.92(=72.84+10.08)	21.85(=10.87+10.98)	0.4006	0.4744	0.936
L (G)	0.0	1.0	0.0	85.11	−68.59	60.02	91.15	139	37.66(=28.08+9.58)	66.23(=56.15+10.08)	20.33(=9.35+10.98)	0.3032	0.5332	0.7476
C	0.0	1.0	1.0	87.92	−39.43	−11.88	41.19	197	51.83(=42.25+9.58)	71.9(=61.82+10.08)	94.94(=83.96+10.98)	0.237	0.3288	0.8116
V (B)	0.0	0.0	1.0	44.52	14.84	−25.66	29.65	300	15.93(=6.35+9.58)	14.2(=4.12+10.08)	29.91(=18.94+10.98)	0.2653	0.2365	0.1603
M	1.0	0.0	1.0	63.71	75.92	−48.22	89.95	328	56.12(=46.54+9.58)	32.44(=22.36+10.08)	87.1(=76.12+10.98)	0.3195	0.1847	0.3662
N	0.0	0.0	0.0	37.99	0.0	0.0	0.0	0	9.58(=0.0+9.58)	10.08(=0.0+10.08)	10.98(=0.0+10.98)	0.3127	0.329	0.1138
W	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=74.62+9.58)	88.59(=78.51+10.08)	96.46(=85.48+10.98)	0.3127	0.329	1.0
N0	0.0	0.0	0.0	37.99	0.0	0.0	0.0	0	9.58(=0.0+9.58)	10.08(=0.0+10.08)	10.98(=0.0+10.98)	0.3127	0.329	0.1138
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=74.62+9.58)	88.59(=78.51+10.08)	96.46(=85.48+10.98)	0.3127	0.329	1.0

System TLS52a
sRGB system

D65 reflection:
Y_N = 20.16
L^*_N = 52.02

Color	r=olv*1	g=olv*2	b=olv*3	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	$Y_a/88.59$
O (R)	1.0	0.0	0.0	65.52	45.07	20.98	49.71	25	47.38(=28.22+19.16)	34.71(=14.55+20.16)	23.27(=1.32+21.95)	0.4497	0.3294	0.3918
Y	1.0	1.0	0.0	93.3	−15.62	56.27	58.4	106	71.85(=52.69+19.16)	83.65(=63.49+20.16)	31.43(=9.48+21.95)	0.3844	0.4475	0.9442
L (G)	0.0	1.0	0.0	86.55	−56.32	46.52	73.06	140	43.63(=24.47+19.16)	69.1(=48.94+20.16)	30.1(=8.15+21.95)	0.3055	0.4838	0.78
C	0.0	1.0	1.0	88.94	−33.2	−10.25	34.76	197	55.99(=36.83+19.16)	74.05(=53.89+20.16)	95.13(=73.18+21.95)	0.2486	0.3289	0.8358
V (B)	0.0	0.0	1.0	55.84	9.42	−17.5	19.89	298	24.7(=5.54+19.16)	23.75(=3.59+20.16)	38.46(=16.51+21.95)	0.2842	0.2733	0.2681
M	1.0	0.0	1.0	69.22	60.95	−39.57	72.67	327	59.73(=40.57+19.16)	39.65(=19.49+20.16)	88.3(=66.35+21.95)	0.3182	0.2113	0.4475
N	0.0	0.0	0.0	52.02	0.0	0.0	0.0	0	19.16(=0.0+19.16)	20.16(=0.0+20.16)	21.95(=0.0+21.95)	0.3127	0.329	0.2276
W	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=65.04+19.16)	88.59(=68.43+20.16)	96.46(=74.51+21.95)	0.3127	0.329	1.0
N0	0.0	0.0	0.0	52.02	0.0	0.0	0.0	0	19.16(=0.0+19.16)	20.16(=0.0+20.16)	21.95(=0.0+21.95)	0.3127	0.329	0.2276
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=65.04+19.16)	88.59(=68.43+20.16)	96.46(=74.51+21.95)	0.3127	0.329	1.0

System TLS70a
sRGB system

D65 reflection:
Y_N = 40.32
L^*_N = 69.7

Color	r=olv*1	g=olv*2	b=olv*3	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h_{ab,a}$	$X_a=XYZ_{1a}$	$Y_a=XYZ_{2a}$	$Z_a=XYZ_{3a}$	x_a	y_a	$Y_a/88.59$
O (R)	1.0	0.0	0.0	76.43	26.27	10.57	28.31	22	58.23(=19.91+38.32)	50.59(=10.27+40.32)	44.83(=0.93+43.9)	0.379	0.3292	0.571
Y	1.0	1.0	0.0	93.93	−10.77	34.63	36.27	107	75.49(=37.17+38.32)	85.11(=44.79+40.32)	50.58(=6.68+43.9)	0.3575	0.403	0.9606
L (G)	0.0	1.0	0.0	89.32	−35.82	27.64	45.25	142	55.58(=17.26+38.32)	74.84(=34.52+40.32)	49.65(=5.75+43.9)	0.3087	0.4156	0.8448
C	0.0	1.0	1.0	90.93	−21.97	−7.09	23.1	198	64.3(=25.98+38.32)	78.33(=38.01+40.32)	95.52(=51.62+43.9)	0.27	0.3289	0.8842
V (B)	0.0	0.0	1.0	71.46	4.57	−9.01	10.11	297	42.23(=3.91+38.32)	42.85(=2.53+40.32)	55.55(=11.64+43.9)	0.3003	0.3047	0.4837
M	1.0	0.0	1.0	78.5	37.52	−25.24	45.23	326	66.94(=28.62+38.32)	54.07(=13.75+40.32)	90.7(=46.8+43.9)	0.3162	0.2554	0.6103
N	0.0	0.0	0.0	69.7	0.0	0.0	0.0	0	38.32(=0.0+38.32)	40.32(=0.0+40.32)	43.9(=0.0+43.9)	0.3127	0.329	0.4551
W	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=45.88+38.32)	88.59(=48.27+40.32)	96.46(=52.56+43.9)	0.3127	0.329	1.0
N0	0.0	0.0	0.0	69.7	0.0	0.0	0.0	0	38.32(=0.0+38.32)	40.32(=0.0+40.32)	43.9(=0.0+43.9)	0.3127	0.329	0.4551
W1	1.0	1.0	1.0	95.41	0.0	0.0	0.0	0	84.2(=45.88+38.32)	88.59(=48.27+40.32)	96.46(=52.56+43.9)	0.3127	0.329	1.0

TUB-test chart JE31; 8 basic colors *OYLCVMNW, TLS00*
Calculation of CIE data for sRGB display for 8 reflections

input: *olv* setrgbcolor*
output: *no change compared to input*