

"Données adaptées (b)" colorimétriques: Système lumineux de télévision TLS00b pour CIE clarité $L^*=00$ de noir et pour illuminant D65

Système TLS00b	Couleur i	r^*_{ad}	g^*_{ad}	b^*_{ad}	$L^*_{re,d}$	$\Delta L^*_{re,d}$	L^*_{id}	ΔL^*_{id}	w_d	x_{ad}	y_{ad}	z_{ad}	x_{id}	y_{id}	z_{id}	Y_{ad}	Y_{id}	88.59
01_{0d}	0.0	0.0	0.0	0.0	0.01	6.35	0.01	6.36	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	0.0085	0.0079	
02_{1d}	0.067	0.067	0.067	0.067	6.36	6.36	6.36	6.36	0.067	0.67(=0.67+0.0)	0.7(=0.7+0.0)	0.77(=0.77+0.0)	0.3127	0.329	0.0171	0.0171	0.0171	
03_{2d}	0.133	0.133	0.133	0.133	12.72	6.36	12.72	6.36	0.133	1.33(=1.33+0.0)	1.53(=1.53+0.0)	1.65(=1.65+0.0)	0.3127	0.329	0.0312	0.0312	0.0312	
04_{3d}	0.2	0.2	0.2	0.2	19.08	6.36	19.08	6.36	0.2	2.63(=2.63+0.0)	2.77(=2.76+0.0)	3.01(=3.01+0.0)	0.3127	0.329	0.0515	0.0515	0.0515	
05_{4d}	0.267	0.267	0.267	0.267	25.44	6.36	25.44	6.36	0.267	4.33(=4.33+0.0)	4.56(=4.56+0.0)	4.96(=4.96+0.0)	0.3127	0.329	0.079	0.079	0.079	
06_{5d}	0.333	0.333	0.333	0.333	31.88	6.36	31.88	6.36	0.333	6.65(=6.65+0.0)	7.0(=7.0+0.0)	7.62(=7.62+0.0)	0.3127	0.329	0.1149	0.1149	0.1149	
07_{6d}	0.4	0.4	0.4	0.4	38.16	6.36	38.16	6.36	0.4	9.67(=9.67+0.0)	10.18(=10.18+0.0)	11.08(=11.08+0.0)	0.3127	0.329	0.1603	0.1603	0.1603	
08_{7d}	0.467	0.467	0.467	0.467	44.52	6.37	44.53	6.36	0.467	13.5(=13.5+0.0)	14.2(=14.2+0.0)	15.46(=15.46+0.0)	0.3127	0.329	0.2164	0.2164	0.2164	
09_{8d}	0.533	0.533	0.533	0.533	50.89	6.36	50.89	6.36	0.533	18.2(=18.2+0.0)	20.88(=20.88+0.0)	22.42(=22.42+0.0)	0.3127	0.329	0.2842	0.2842	0.2842	
10_{9d}	0.6	0.6	0.6	0.6	57.25	6.36	57.25	6.36	0.6	23.93(=23.93+0.0)	25.18(=25.18+0.0)	27.42(=27.42+0.0)	0.3127	0.329	0.3649	0.3649	0.3649	
11_{Ad}	0.667	0.667	0.667	0.667	63.61	6.36	63.61	6.36	0.667	30.72(=30.72+0.0)	32.32(=32.32+0.0)	35.19(=35.19+0.0)	0.3127	0.329	0.4595	0.4595	0.4595	
12_{Bd}	0.733	0.733	0.733	0.733	69.97	6.36	69.97	6.36	0.733	38.69(=38.69+0.0)	40.71(=40.71+0.0)	44.32(=44.32+0.0)	0.3127	0.329	0.5692	0.5692	0.5692	
13_{Cd}	0.8	0.8	0.8	0.8	76.33	6.36	76.33	6.36	0.8	47.92(=47.92+0.0)	50.43(=50.42+0.0)	54.9(=54.9+0.0)	0.3127	0.329	0.6951	0.6951	0.6951	
14_{Dd}	0.867	0.867	0.867	0.867	82.69	6.36	82.69	6.36	0.867	58.53(=58.53+0.0)	61.58(=61.58+0.0)	67.05(=67.05+0.0)	0.3127	0.329	0.8383	0.8383	0.8383	
15_{Ed}	0.933	0.933	0.933	0.933	89.05	6.36	89.05	6.36	0.933	70.59(=70.59+0.0)	74.27(=74.27+0.0)	80.87(=80.86+0.0)	0.3127	0.329	1.0	1.0	1.0	
16_{Fd}	1.0	1.0	1.0	1.0	95.41	6.36	95.41	6.36	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	1.0	1.0	
17_{Nd}	0.0	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+0.0)	0.3118	0.3281	0.0	0.0085	0.0079	
18_{Wd}	1.0	1.0	1.0	1.0	95.41	95.4	95.41	95.4	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	1.0	1.0	

Données colorimétrique calculées (b): Système lumineux de télévision TLS18b pour CIE clarité $L^*=18$ de noir et pour illuminant D65

Système TLS18b	Couleur i	r^*_{ad}	g^*_{ad}	b^*_{ad}	$L^*_{re,d}$	$\Delta L^*_{re,d}$	L^*_{id}	ΔL^*_{id}	w_d	x_{ad}	y_{ad}	z_{ad}	x_{id}	y_{id}	z_{id}	Y_{ad}	Y_{id}	88.59
01_{0d}	0.0	0.0	0.0	0.0	18.01	2.83	23.17	5.16	0.0	2.4(=0.0+2.4)	2.52(=0.0+2.52)	2.74(=0.0+2.74)	0.3127	0.329	0.0085	0.0085	0.0085	
02_{1d}	0.067	0.067	0.067	0.067	20.84	2.83	23.17	5.16	0.037	3.05(=0.65+2.4)	3.2(=0.68+2.52)	3.49(=0.74+2.74)	0.3127	0.329	0.0362	0.0362	0.0362	
03_{2d}	0.133	0.133	0.133	0.133	23.65	2.81	28.33	5.16	0.073	3.8(=1.4+2.4)	3.99(=1.47+2.52)	4.35(=1.61+2.74)	0.3127	0.329	0.0451	0.0451	0.0451	
04_{3d}	0.2	0.2	0.2	0.2	27.32	3.66	33.49	5.16	0.12	4.95(=2.55+2.4)	5.21(=2.69+2.52)	5.67(=2.93+2.74)	0.3127	0.329	0.0588	0.0588	0.0588	
05_{4d}	0.267	0.267	0.267	0.267	31.69	4.59	38.65	5.16	0.177	6.46(=4.21+2.4)	6.95(=4.43+2.52)	7.57(=4.82+2.74)	0.3127	0.329	0.0784	0.0784	0.0784	
06_{5d}	0.333	0.333	0.333	0.333	36.59	5.27	43.81	5.16	0.24	8.86(=6.46+2.4)	9.32(=6.48+2.52)	10.15(=7.4+2.74)	0.3127	0.329	0.1052	0.1052	0.1052	
07_{6d}	0.4	0.4	0.4	0.4	41.86	5.53	48.97	5.16	0.308	11.79(=9.4+2.4)	12.41(=9.89+2.52)	13.51(=10.77+2.74)	0.3127	0.329	0.1401	0.1401	0.1401	
08_{7d}	0.467	0.467	0.467	0.467	47.39	5.72	54.13	5.16	0.38	15.51(=13.11+2.4)	16.32(=13.8+2.52)	17.77(=15.02+2.74)	0.3127	0.329	0.1842	0.1842	0.1842	
09_{8d}	0.533	0.533	0.533	0.533	53.11	5.29	59.29	5.16	0.453	20.1(=17.7+2.4)	21.15(=18.63+2.52)	23.03(=20.28+2.74)	0.3127	0.329	0.2287	0.2287	0.2287	
10_{9d}	0.6	0.6	0.6	0.6	58.96	5.85	64.45	5.16	0.529	25.65(=23.25+2.4)	26.98(=24.46+2.52)	29.38(=26.64+2.74)	0.3127	0.329	0.3046	0.3046	0.3046	
11_{Ad}	0.667	0.667	0.667	0.667	64.49	5.94	69.61	5.16	0.606	32.24(=29.85+2.4)	33.92(=31.4+2.52)	36.94(=34.19+2.74)	0.3127	0.329	0.3829	0.3829	0.3829	
12_{Bd}	0.733	0.733	0.733	0.733	70.92	6.02	74.77	5.16	0.684	39.98(=37.59+2.4)	42.07(=39.55+2.52)	45.8(=43.06+2.74)	0.3127	0.329	0.4749	0.4749	0.4749	
13_{Cd}	0.8	0.8	0.8	0.8	76.99	6.11	79.93	5.16	0.762	48.96(=46.56+2.4)	51.51(=48.99+2.52)	56.09(=53.34+2.74)	0.3127	0.329	0.5814	0.5814	0.5814	
14_{Dd}	0.867	0.867	0.867	0.867	83.1	6.14	85.09	5.16	0.841	59.26(=56.86+2.4)	62.35(=59.83+2.52)	67.89(=65.14+2.74)	0.3127	0.329	0.7038	0.7038	0.7038	
15_{Ed}	0.933	0.933	0.933	0.933	90.24	6.17	92.24	5.16	0.92	70.67(=68.27+2.4)	74.48(=71.6+2.52)	80.31(=78.57+2.74)	0.3127	0.329	0.8429	0.8429	0.8429	
16_{Fd}	1.0	1.0	1.0	1.0	95.41	6.17	95.41	5.16	1.0	84.2(=81.8+2.4)	88.59(=86.07+2.52)	96.46(=93.72+2.74)	0.3127	0.329	1.0	1.0	1.0	
17_{Nd}	0.0	0.0	0.0	0.0	18.01	18.01	18.01	77.4	0.0	2.4(=0.0+2.4)	2.52(=0.0+2.52)	2.74(=0.0+2.74)	0.3127	0.329	0.0085	0.0085	0.0085	
18_{Wd}	1.0	1.0	1.0	1.0	95.41	95.41	95.41	77.4	1.0	84.2(=81.8+2.4)	88.59(=86.07+2.52)	96.46(=93.72+2.74)	0.3127	0.329	1.0	1.0	1.0	

Données colorimétrique calculées (b): Système lumineux de télévision TLS00b pour CIE clarité $L^*=70$ de noir et pour illuminant D65

	Couleur i	r [*] _{ad}	g [*] _{ad}	b [*] _{ad}	L [*] _{re,d}	ΔL [*] _{re,d}	L [*] _{id}	ΔL [*] _{id}	w _d	x _{ad}	y _{ad}	z _{ad}	x _{id}	y _{id}	z _{id}	Y _{ad}	Y _{id}	88.59
Réflexion D65: Y _N = 40.32 L [*] _N = 69.7	01 _{0d}	0.0	0.0	0.0	69.7		69.7		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	0.4551	0.4551	
	02 _{1d}	0.067	0.067	0.067	69.97	0.27	71.41	1.71	0.011	38.68(=0.36+38.32)	40.7(=0.38+40.32)	44.32(=0.42+43.9)	0.3127	0.329	0.4594	0.4594	0.4594	
	03 _{2d}	0.133	0.133	0.133	70.28	0.31	73.13	1.71	0.023	39.11(=0.79+38.32)	41.15(=0.83+40.32)	44.8(=0.9+43.9)	0.3127	0.329	0.4644	0.4644	0.4644	
	04 _{3d}	0.2	0.2	0.2	70.75	0.47	74.84	1.71	0.041	39.75(=1.43+38.32)	41.83(=1.51+40.32)	45.54(=1.64+43.9)	0.3127	0.329	0.4721	0.4721	0.4721	
	05 _{4d}	0.267	0.267	0.267	71.42	0.67	76.55	1.71	0.067	40.68(=2.36+38.32)	42.8(=2.48+40.32)	46.61(=2.7+43.9)	0.3127	0.329	0.4832	0.4832	0.4832	
	06 _{5d}	0.333	0.333	0.333	72.32	1.14	78.27	1.71	0.102	41.94(=3.62+38.32)	44.13(=3.81+40.32)	48.05(=4.15+43.9)	0.3127	0.329	0.4981	0.4981	0.4981	
	07 _{6d}	0.4	0.4	0.4	73.46	1.14	79.98	1.71	0.146	43.99(=5.27+38.32)	45.87(=5.55+40.32)	49.94(=6.40+43.9)	0.3127	0.329	0.5177	0.5177	0.5177	
	08 _{7d}	0.467	0.467	0.467	74.86	1.68	81.7	1.71	0.201	45.67(=7.35+38.32)	48.06(=7.74+40.32)	52.33(=8.43+43.9)	0.3127	0.329	0.5425	0.5425	0.5425	
	09 _{8d}	0.533	0.533	0.533	76.54	1.95	83.41	1.71	0.266	48.25(=9.93+38.32)	50.77(=10.45+40.32)	55.28(=11.38+43.9)	0.3127	0.329	0.573	0.573	0.573	
	10 _{9d}	0.6	0.6	0.6	78.49	2.22	85.12	1.71	0.342	51.36(=13.04+38.32)	54.04(=13.72+40.32)	58.84(=14.94+43.9)	0.3127	0.329	0.61	0.61	0.61	
	11 _{Ad}	0.667	0.667	0.667	80.7	2.48	86.84	1.71	0.428	50.56(=16.74+38.32)	53.93(=17.61+40.32)	63.08(=19.18+43.9)	0.3127	0.329	0.6539	0.6539	0.6539	
	12 _{Bd}	0.733	0.733	0.733	83.18	2.73	88.55	1.71	0.524	59.4(=21.08+38.32)	62.5(=22.48+40.32)	68.05(=24.15+43.9)	0.3127	0.329	0.7055	0.7055	0.7055	
	13 _{Cd}	0.8	0.8	0.8	85.9	2.96	90.27	1.71	0.634	64.43(=26.11+38.32)	67.8(=27.48+40.32)	73.82(=29.92+43.9)	0.3127	0.329	0.7653	0.7653	0.7653	
	14 _{Dd}	0.867	0.867	0.867	88.86	2.96	91.98	1.71	0.749	70.21(=31.89+38.32)	73.87(=33.55+40.32)	80.43(=36.53+43.9)	0.3127	0.329	0.8339	0.8339	0.8339	
	15 _{Ed}	0.933	0.933	0.933	92.04	3.17	93.7	1.71	0.869	76.78(=38.46+38.32)	80.79(=40.47+40.32)	87.96(=44.06+43.9)	0.3127	0.329	0.9119	0.9119	0.9119	
	16 _{Fd}	1.0	1.0	1.0	95.41	3.37	95.41	1.0	84.2(=45.88+38.32)	88.59(=48.27+40.32)	96.46(=52.56+43.9)	0.3127	0.329	1.0	1.0	1.0		
17 _{Nd}	0.0	0.0	0.0	69.7		69.7		38.32(=0.0+38.32)	40.32(=0.0+40.32)	43.9(=0.0+43.9)	0.3127	0.329	0.4551	0.4551	0.4551			
18 _{Wd}	1.0	1.0	1.0	95.41	25.71	95.41	25.71	84.2(=45.88+38.32)	88.59(=48.27+40.32)	96.46(=52.56+43.9)	0.3127	0.329	1.0	1.0	1.0			