

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a
O/R																											
01																											
02																											
03																											
04																											
05																											
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13																											
14																											
15																											
16																											
17																											
C/C'		CIE18a $c_t^* = c^*$								CIE18a $c_t^* = c^{*0.5}$								CIE18a $c_t^* = c^{*2}$									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a
Y/J	rgb* ₃	LCH* _a	LAB* _a	nhc* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nhc* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nhc* _a	olv* ₃	LCH* _a	LAB* _a		
01	B01	C01	D01	E01	F01	G01	H01			K01	L01	M01	N01	O01	P01	Q01			T01	U01	V01	W01	X01	Y01	Z01		
	1.0	81.26	81.26	0.0	1.0	86.6	86.6			1.0	81.26	81.26	0.0	1.0	86.6	86.6			1.0	81.26	81.26	0.0	1.0	86.6	86.6		
	1.0	71.61	-2.89	1.0	0.911	88.16	-3.55			1.0	71.61	-2.89	1.0	0.911	88.16	-3.55			1.0	71.61	-2.89	1.0	0.911	88.16	-3.55		
	0.0	92	71.56	0.256	0.0	92	88.09			0.0	92	71.56	0.256	0.0	92	88.09			0.0	92	71.56	0.256	0.0	92	88.09		
02	B02	C02	D02	E02	F02	G02	H02			K02	L02	M02	N02	O02	P02	Q02			T02	U02	V02	W02	X02	Y02	Z02		
	0.937	78.19	78.19	0.062	0.937	82.86	82.86			0.882	75.5	75.5	0.062	0.882	79.59	79.59			0.967	79.67	79.67	0.062	0.967	84.67	84.67		
	0.937	62.66	-2.52	0.875	0.859	77.14	-3.11			0.882	54.83	-2.21	0.765	0.814	67.5	-2.72			0.967	66.99	66.99	0.062	0.967	82.47	82.47		
	0.062	92	62.61	0.256	0.062	92	77.08			0.117	92	54.78	0.256	0.117	92	67.44			0.032	92	66.93	0.256	0.032	92	82.4		
03	B03	C03	D03	E03	F03	G03	H03			K03	L03	M03	N03	O03	P03	Q03			T03	U03	V03	W03	X03	Y03	Z03		
	0.875	75.12	75.12	0.125	0.875	79.13	79.13			0.781	70.51	70.51	0.125	0.781	73.52	73.52			0.933	77.97	77.97	0.125	0.933	82.6	82.6		
	0.875	53.71	-2.16	0.75	0.808	66.12	-2.66			0.781	40.28	-1.62	0.562	0.731	49.59	-2.0			0.933	62.02	62.02	0.125	0.933	76.35	76.35		
	0.125	92	53.67	0.256	0.125	92	66.07			0.218	92	40.25	0.256	0.218	92	49.55			0.066	92	61.97	0.256	0.066	92	82.6		
04	B04	C04	D04	E04	F04	G04	H04			K04	L04	M04	N04	O04	P04	Q04			T04	U04	V04	W04	X04	Y04	Z04		
	0.812	72.05	72.05	0.187	0.812	75.39	75.39			0.695	66.29	66.29	0.187	0.695	68.38	68.38			0.895	76.11	76.11	0.187	0.895	80.34	80.34		
	0.812	44.76	-1.8	0.625	0.757	55.1	-2.22			0.695	27.97	-1.12	0.39	0.66	34.43	-1.38			0.895	56.61	56.61	0.187	0.895	69.7	69.7		
	0.187	92	44.72	0.256	0.187	92	55.05			0.304	92	27.95	0.256	0.304	92	34.41			0.104	92	56.57	0.256	0.104	92	80.34		
05	B05	C05	D05	E05	F05	G05	H05			K05	L05	M05	N05	O05	P05	Q05			T05	U05	V05	W05	X05	Y05	Z05		
	0.75	68.98	68.98	0.25	0.75	71.65	71.65			0.625	62.84	62.84	0.25	0.625	64.18	64.18			0.853	74.06	74.06	0.25	0.853	77.85	77.85		
	0.75	35.8	-1.44	0.5	0.705	44.08	-1.77			0.625	17.9	-0.72	0.25	0.602	22.04	-0.88			0.853	50.64	50.64	0.25	0.853	62.34	62.34		
	0.25	92	35.78	0.256	0.25	92	44.04			0.375	92	17.89	0.256	0.375	92	22.02			0.146	92	50.6	0.256	0.146	92	77.85		
06	B06	C06	D06	E06	F06	G06	H06			K06	L06	M06	N06	O06	P06	Q06			T06	U06	V06	W06	X06	Y06	Z06		
	0.687	65.91	65.91	0.312	0.687	67.92	67.92			0.57	60.16	60.16	0.312	0.57	60.91	60.91			0.806	71.74	71.74	0.312	0.806	75.01	75.01		
	0.687	26.85	-1.08	0.375	0.654	33.06	-1.33			0.57	10.07	-0.4	0.14	0.557	12.39	-0.5			0.806	43.85	43.85	0.312	0.806	53.99	53.99		
	0.312	92	26.83	0.256	0.312	92	33.03			0.429	92	10.06	0.256	0.429	92	12.38			0.193	92	43.82	0.256	0.193	92	75.01		
07	B07	C07	D07	E07	F07	G07	H07			K07	L07	M07	N07	O07	P07	Q07			T07	U07	V07	W07	X07	Y07	Z07		
	0.625	62.84	62.84	0.375	0.625	64.18	64.18			0.531	58.24	58.24	0.375	0.531	58.57	58.57			0.75	68.98	68.98	0.375	0.75	71.65	71.65		
	0.625	17.9	-0.72	0.25	0.602	22.04	-0.88			0.531	4.47	-0.18	0.062	0.525	5.51	-0.22			0.75	35.8	35.8	0.25	0.75	44.08	44.08		
	0.375	92	17.89	0.256	0.375	92	22.02			0.468	92	4.47	0.256	0.468	92	5.5			0.249	92	35.78	0.256	0.249	92	71.65		
08	B08	C08	D08	E08	F08	G08	H08			K08	L08	M08	N08	O08	P08	Q08			T08	U08	V08	W08	X08	Y08	Z08		
	0.562	59.77	59.77	0.437	0.562	60.44	60.44			0.507	57.09	57.09	0.437	0.507	57.17	57.17			0.676	65.38	65.38	0.437	0.676	67.28	67.28		
	0.562	8.95	-0.36	0.125	0.551	11.02	-0.44			0.507	1.11	-0.04	0.015	0.506	1.37	-0.05			0.676	25.32	25.32	0.353	0.645	31.17	31.17		
	0.437	92	8.94	0.256	0.437	92	11.01			0.492	92	1.11	0.256	0.492	92	1.37			0.323	92	25.3	0.256	0.323	92	67.28		
09	B09	C09	D09	E09	F09	G09	H09			K09	L09	M09	N09	O09	P09	Q09			T09	U09	V09	W09	X09	Y09	Z09		
	0.5	56.71	56.71	0.5	0.5	56.71	56.71			0.5	56.71	56.71	0.5	0.5	56.71	56.71			0.5	56.71	56.71	0.5	0.5	56.71	56.71		
	0.5	0.0	0.0	0.0	0.5	0.0	0.0			0.5	0.0	0.0	0.0	0.5	0.0	0.0			0.5	0.0	0.0	0.001	0.499	0.07	0.07		
	0.5	0	0	0	0.5	0	0			0.5	0	0	0	0.5	0	0			0.5	0	0	0.0	0.5	0.0	0.0		
10	B10	C10	D10	E10	F10	G10	H10			K10	L10	M10	N10	O10	P10	Q10			T10	U10	V10	W10	X10	Y10	Z10		
	0.437	53.44	53.44	0.437	0.437	54.82	54.82			0.492	56.3	56.3	0.437	0.492	56.47	56.47			0.323	47.46	47.46	0.437	0.323	51.38	51.38		
	0.437	5.81	0.17	0.125	0.498	5.59	0.16			0.492	0.72	0.02	0.015	0.499	0.69	0.02			0.323	16.43	16.43	0.49	0.353	4.94	4.94		
	0.562	271	-5.8	0.754	0.562	271	-5.58			0.507	271	-0.72	0.754	0.507	271	-0.69			0.676	271	47.46	0.754	0.676	271	51.38		
11	B11	C11	D11	E11	F11	G11	H11			K11	L11	M11	N11	O11	P11	Q11			T11	U11	V11	W11	X11	Y11	Z11		
	0.375	50.17	50.17	0.375	0.375	52.94	52.94			0.468	55.07	55.07	0.375	0.468	55.76	55.76			0.249	43.63	43.63	0.375	0.249	49.17	49.17		
	0.375	11.62	0.35	0.25	0.496	11.18	0.33			0.468	2.9	0.08	0.062	0.499	2.79	0.08			0.249	23.24	23.24	0.5	0.492	22.36	22.36		
	0.625	271	-11.61	0.754	0.625	271	-11.17			0.531	271	-2.9	0.754	0.531	271	-2.79			0.75	271	43.63	0.754	0.75	271	49.17		
12	B12	C12	D12	E12	F12	G12	H12			K12	L12	M12	N12	O12	P12	Q12			T12	U12	V12	W12	X12	Y12	Z12		
	0.312	46.9	46.9	0.312	0.312	51.06	51.06			0.429	53.03	53.03	0.312	0.429	54.59	54.59			0.193	40.7	40.7	0.312	0.193	47.48	47.48		
	0.312	17.43	0.52	0.375	0.494	16.77	0.5			0.429	6.53	0.19	0.14	0.497	6.28	0.19			0.193	28.47	28.47	0.612	0.49	27.39	27.39		
	0.687	271	-17.42	0.754	0.687	271	-16.76			0.57	271	-6.53	0.754	0.57	271	-6.28			0.806	271	40.7	0.754	0.806	271	47.48		
13	B13	C13	D13	E13	F13	G13	H13			K13	L13	M13	N13	O13	P13	Q13			T13	U13	V13	W13	X13	Y13	Z13		
	0.25	43.64	43.64	0.25	0.25	49.17	49.17			0.375	50.17	50.17	0.25	0.375	52.94	52.94			0.146	38.22	38.22	0.25	0.146	46.05	46.05		
	0.25	23.24	0.7	0.5	0.492	22.36	0.67			0.375	11.62	0.35	0.25	0.496	11.18	0.33			0.146	32.87	32.87	0.707	0.488	31.62	31.62		
	0.75	271	-23.23	0.754	0.75	271	-22.35			0.625	271	-11.61	0.754	0.625	271	-11.17			0.853	271	38.22	0.754	0.853	271	46.05		
14	B14	C14	D14	E14	F14	G14	H14			K14	L14	M14	N14	O14	P14	Q14			T14	U14	V14	W14	X14	Y14	Z14		
	0.187	40.37	40.37	0.187	0.187	47.29	47.29			0.304																	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	
O/R		rgb*_3	LCH*_a	LAB*_a	nch*_olv*_3	LCH*_a	LAB*_a				rgb*_3	LCH*_a	LAB*_a	nch*_olv*_3	LCH*_a	LAB*_a				rgb*_3	LCH*_a	LAB*_a	nch*_olv*_3	LCH*_a	LAB*_a			
01		B01 1.0 0.0 0.0	C01 39.91 65.06 25	D01 39.91 58.74 27.99	E01 0.0 1.0 0.07	F01 1.0 0.0 0.212	G01 51.94 89.3 25	H01 51.94 80.62 38.41				K01 1.0 0.0 0.0	L01 39.91 65.06 25	M01 39.91 58.74 27.99	N01 0.0 1.0 0.07	O01 1.0 0.0 0.212	P01 51.94 89.3 25	Q01 51.94 80.62 38.41			T01 1.0 0.0 0.0	U01 39.91 65.06 25	V01 39.91 58.74 27.99	W01 0.0 1.0 0.07	X01 1.0 0.0 0.212	Y01 51.94 89.3 25	Z01 51.94 80.62 38.41	
02		B02 0.937 0.062 0.062	C02 42.01 56.93 25	D02 42.01 51.39 24.49	E02 0.062 0.875 0.07	F02 0.937 0.062 0.248	G02 51.41 78.14 25	H02 51.41 70.54 33.61				K02 0.882 0.117 0.117	L02 43.85 44.97 25	M02 43.85 44.97 21.42	N02 0.062 0.765 0.07	O02 0.882 0.117 0.279	P02 50.95 68.37 25	Q02 50.95 61.72 29.41			T02 0.967 0.032 0.032	U02 41.0 60.86 25	V02 41.0 54.94 26.18	W02 0.062 0.935 0.07	X02 0.967 0.032 0.231	Y02 51.67 83.54 25	Z02 51.67 75.41 35.93	
03		B03 0.875 0.125 0.125	C03 44.11 48.8 25	D03 44.11 44.05 20.99	E03 0.125 0.75 0.07	F03 0.875 0.125 0.284	G03 50.88 66.98 25	H03 50.88 60.46 28.81				K03 0.781 0.218 0.218	L03 47.26 36.6 25	M03 47.26 33.04 15.74	N03 0.125 0.562 0.07	O03 0.781 0.218 0.338	P03 50.09 50.23 25	Q03 50.09 45.35 21.61			T03 0.933 0.066 0.066	U03 42.16 56.35 25	V03 42.16 50.87 24.24	W03 0.125 0.866 0.07	X03 0.933 0.066 0.251	Y03 51.37 77.34 25	Z03 51.37 69.82 33.27	
04		B04 0.812 0.187 0.187	C04 46.21 40.66 25	D04 46.21 44.05 17.49	E04 0.187 0.625 0.07	F04 0.812 0.187 0.32	G04 50.35 55.81 25	H04 50.35 50.39 24.01				K04 0.695 0.304 0.304	L04 50.15 25.41 25	M04 50.15 22.94 10.93	N04 0.187 0.39 0.07	O04 0.695 0.304 0.387	P04 49.36 34.88 25	Q04 49.36 31.49 15.0			T04 0.895 0.104 0.104	U04 43.43 51.44 25	V04 43.43 46.43 22.12	W04 0.187 0.79 0.07	X04 0.895 0.104 0.272	Y04 51.05 70.6 25	Z04 51.05 63.73 30.37	
05		B05 0.75 0.25 0.25	C05 48.31 32.53 25	D05 48.31 29.37 13.99	E05 0.25 0.5 0.07	F05 0.75 0.25 0.356	G05 49.82 44.65 25	H05 49.82 40.31 19.2				K05 0.625 0.375 0.375	L05 52.51 16.26 25	M05 52.51 14.68 6.99	N05 0.25 0.25 0.07	O05 0.625 0.375 0.428	P05 48.76 22.32 25	Q05 48.76 20.15 9.6			T05 0.853 0.146 0.146	U05 44.83 46.0 25	V05 44.83 41.53 19.79	W05 0.25 0.707 0.07	X05 0.853 0.146 0.296	Y05 50.7 63.15 25	Z05 50.7 57.0 27.16	
06		B06 0.687 0.312 0.312	C06 50.41 24.4 25	D06 50.41 22.02 10.49	E06 0.312 0.375 0.07	F06 0.687 0.312 0.392	G06 49.29 33.49 25	H06 49.29 30.23 14.4				K06 0.57 0.429 0.429	L06 54.34 9.15 25	M06 54.34 8.26 3.93	N06 0.312 0.14 0.07	O06 0.57 0.429 0.459	P06 48.3 12.55 25	Q06 48.3 11.33 5.4			T06 0.806 0.193 0.193	U06 46.42 39.84 25	V06 46.42 35.97 17.14	W06 0.312 0.612 0.07	X06 0.806 0.193 0.323	Y06 50.3 54.69 25	Z06 50.3 49.37 23.52	
07		B07 0.625 0.375 0.375	C07 52.51 16.26 25	D07 52.51 14.68 6.99	E07 0.375 0.25 0.07	F07 0.625 0.375 0.428	G07 48.76 22.32 25	H07 48.76 20.15 9.6				K07 0.531 0.468 0.468	L07 55.66 4.06 25	M07 55.66 3.67 1.74	N07 0.375 0.062 0.07	O07 0.531 0.468 0.482	P07 47.97 5.58 25	Q07 47.97 5.03 2.4			T07 0.75 0.249 0.249	U07 48.31 32.53 25	V07 48.31 29.37 13.99	W07 0.375 0.5 0.07	X07 0.75 0.249 0.356	Y07 49.82 44.65 25	Z07 49.82 40.31 19.2	
08		B08 0.562 0.437 0.437	C08 54.61 8.13 25	D08 54.61 7.34 3.49	E08 0.437 0.125 0.07	F08 0.562 0.437 0.464	G08 48.23 11.16 25	H08 48.23 10.07 4.8				K08 0.507 0.492 0.492	L08 56.44 1.01 25	M08 56.44 0.91 0.43	N08 0.437 0.015 0.07	O08 0.507 0.492 0.495	P08 47.77 1.39 25	Q08 47.77 1.25 0.6			T08 0.676 0.323 0.323	U08 50.77 23.0 25	V08 50.77 20.76 9.89	W08 0.437 0.353 0.07	X08 0.676 0.323 0.398	Y08 49.2 31.57 25	Z08 49.2 28.5 13.58	
09		B09 0.5 0.5 0.5	C09 56.71 0.0 0	D09 56.71 0.0 0	E09 0.5 0.5 0.0	F09 0.5 0.5 0.5	G09 47.71 0.0 360	H09 47.71 0.0 0				K09 0.5 0.5 0.5	L09 56.71 0.0 0	M09 56.71 0.0 0	N09 0.5 0.0 0	O09 0.5 0.5 0.5	P09 47.71 0.0 360	Q09 47.71 0.0 0			T09 0.5 0.5 0.5	U09 56.71 0.0 0	V09 56.71 0.0 0	W09 0.5 0.001 0.0	X09 0.5 0.499 0.5	Y09 47.71 0.08 360	Z09 47.71 0.08 0	
10		B10 0.437 0.562 0.562	C10 54.82 3.28 216	D10 54.82 -2.62 -1.97	E10 0.437 0.125 0.602	F10 0.437 0.547 0.562	G10 51.78 4.99 216	H10 51.78 -3.99 -3.0				K10 0.492 0.507 0.507	L10 56.47 0.41 216	M10 56.47 -0.32 -0.24	N10 0.437 0.015 0.602	O10 0.492 0.505 0.507	P10 48.21 0.62 216	Q10 48.21 -0.49 -0.37			T10 0.323 0.676 0.676	U10 51.37 9.28 216	V10 51.37 -7.41 -5.58	W10 0.437 0.353 0.602	X10 0.323 0.635 0.676	Y10 59.23 14.13 216	Z10 59.23 -11.29 -8.5	
11		B11 0.375 0.625 0.625	C11 52.94 6.56 216	D11 52.94 -5.24 -3.94	E11 0.375 0.25 0.602	F11 0.375 0.595 0.625	G11 55.85 9.99 216	H11 55.85 -7.98 -6.01				K11 0.468 0.531 0.531	L11 55.76 1.64 216	M11 55.76 -1.31 -0.98	N11 0.375 0.062 0.602	O11 0.468 0.523 0.531	P11 49.74 2.49 216	Q11 49.74 -1.99 -1.5			T11 0.249 0.75 0.75	U11 49.16 13.12 216	V11 49.16 -10.48 -7.89	W11 0.375 0.5 0.602	X11 0.249 0.691 0.75	Y11 64.0 19.98 216	Z11 64.0 -15.96 -12.02	
12		B12 0.312 0.687 0.687	C12 51.05 9.84 216	D12 51.05 -7.86 -5.92	E12 0.312 0.375 0.602	F12 0.312 0.643 0.687	G12 59.93 14.99 216	H12 59.93 -11.97 -9.01				K12 0.429 0.57 0.57	L12 54.58 3.69 216	M12 54.58 -2.94 -2.22	N12 0.312 0.14 0.602	O12 0.429 0.553 0.57	P12 52.29 5.62 216	Q12 52.29 -4.49 -3.38			T12 0.193 0.806 0.806	U12 47.47 16.07 216	V12 47.47 -12.84 -9.66	W12 0.312 0.612 0.602	X12 0.193 0.734 0.806	Y12 67.66 24.48 216	Z12 67.66 -19.55 -14.72	
13		B13 0.25 0.75 0.75	C13 49.17 13.12 216	D13 49.17 -10.48 -7.89	E13 0.25 0.5 0.602	F13 0.25 0.691 0.75	G13 64.0 19.98 216	H13 64.0 -15.96 -12.02				K13 0.375 0.625 0.625	L13 52.94 6.56 216	M13 52.94 -5.24 -3.94	N13 0.25 0.25 0.602	O13 0.375 0.595 0.625	P13 55.85 9.99 216	Q13 55.85 -7.98 -6.01			T13 0.146 0.853 0.853	U13 46.04 18.56 216	V13 46.04 -14.82 -11.16	W13 0.25 0.707 0.602	X13 0.146 0.771 0.853	Y13 70.75 28.26 216	Z13 70.75 -22.58 -17.0	
14		B14 0.187 0.812 0.812	C14 47.28 16.4 216	D14 47.28 -13.1 -9.86	E14 0.187 0.625 0.602	F14 0.187 0.739 0.812	G14 68.07 24.98 216	H14 68.07 -19.95 -15.02				K14 0.304 0.695 0.695	L14 50.81 10.25 216	M14 50.81 -8.19 -6.16	N14 0.187 0.39 0.602	O14 0.304 0.649 0.695	P14 60.44 15.61 216	Q14 60.44 -12.47 -9.39			T14 0.104 0.895 0.895	U14 44.78 20.75 216	V14 44.78 -16.57 -12.48	W14 0.187 0.79 0.602	X14 0.104 0.803 0.895	Y14 73.47 31.6 216	Z14 73.47 -25.24 -19.01	
15		B15 0.125 0.875 0.875	C15 45.4 19.68 216	D15 45.4 -15.72 -11.84	E15 0.125 0.75 0.602	F15 0.125 0.787 0.875	G15 72.15 29.98 216	H15 72.15 -23.95 -18.03				K15 0.218 0.781 0.781	L15 48.22 14.76 216	M15 48.22 -11.79 -8.88	N15 0.125 0.568 0.602	O15 0.218 0.718 0.781	P15 66.04 22.48 216	Q15 66.04 -17.96 -13.52			T15 0.066 0.933 0.933	U15 43.65 22.73 216	V15 43.65 -18.16 -13.67	W15 0.125 0.866 0.602	X15 0.066 0.832 0.933	Y15 75.93 34.61 216	Z15 75.93 -27.65 -20.82	
16		B16 0.062 0.937 0.937	C16 43.51 22.96 216	D16 43.51 -18.34 -13.81	E16 0.062 0.875 0.602	F16 0.062 0.835 0.937	G16 76.22 34.97 216	H16 76.22 -27.94 -21.04				K16 0.117 0.882 0.882	L16 45.16 20.09 216	M16 45.16 -16.05 -12.08	N16 0.062 0.765 0.602	O16 0.117 0.793 0.882	P16 72.66 24.45 216	Q16 72.66 -24.45 -18.41			T16 0.032 0.967 0.967	U16 42.6 24.55 216	V16 42.6 -19.61 -14.77	W16 0.062 0.935 0.602	X16 0.032 0.858 0.967	Y16 78.19 37.39 216	Z16 78.19 -29.87 -22.49	
17		B17 0.0 1.0 1.0	C17 41.63 26.25 216	D17 41.63 -20.97 -15.79	E17 0.0 1.0 0.602	F17 0.0 0.883 1.0	G17 80.3 39.97 216	H17 80.3 -31.93 -24.04				K17 0.0 1.0 1.0	L17 41.63 26.25 216	M17 41.63 -20.97 -15.79	N17 0.0 1.0 0.602	O17 0.0 0.883 1.0	P17 80.3 39.97 216	Q17 80.3 -31.93 -24.04			T17 0.0 1.0 1.0	U17 41.62 26.25 216	V17 41.62 -20.97 -15.79	W17 0.0 1.0 0.602	X17 0.0 0.883 1.0	Y17 80.3 39.97 216	Z17 80.3 -31.93 -24.04	
C/C'		CIE18a $c^*_t = c^*$ TLS00a								CIE18a $c^*_t = c^{*0.5}$ TLS00a								CIE18a $c^*_t = c^{*2}$ TLS00a										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a		
L/G	rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a	rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a	rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a	rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a	
01	0.0	B01	C01	D01	E01	F01	G01	H01																					
02	0.062	B02	C02	D02	E02	F02	G02	H02																					
03	0.125	B03	C03	D03	E03	F03	G03	H03																					
04	0.187	B04	C04	D04	E04	F04	G04	H04																					
05	0.25	B05	C05	D05	E05	F05	G05	H05																					
06	0.312	B06	C06	D06	E06	F06	G06	H06																					
07	0.375	B07	C07	D07	E07	F07	G07	H07																					
08	0.437	B08	C08	D08	E08	F08	G08	H08																					
09	0.5	B09	C09	D09	E09	F09	G09	H09																					
10	0.562	B10	C10	D10	E10	F10	G10	H10																					
11	0.625	B11	C11	D11	E11	F11	G11	H11																					
12	0.687	B12	C12	D12	E12	F12	G12	H12																					
13	0.75	B13	C13	D13	E13	F13	G13	H13																					
14	0.812	B14	C14	D14	E14	F14	G14	H14																					
15	0.875	B15	C15	D15	E15	F15	G15	H15																					
16	0.937	B16	C16	D16	E16	F16	G16	H16																					
17	1.0	B17	C17	D17	E17	F17	G17	H17																					
M/M		CIE18a $c_t^* = c^*$				TLS00a						CIE18a $c_t^* = c^{*0.5}$				TLS00a						CIE18a $c_t^* = c^{*2}$				TLS00a			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a
Y/J		rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a	
01		B01 1.0 1.0 0.0	C01 81.26 71.61 92	D01 81.26 -2.89 71.56	E01 0.0 0.075 0.256	F01 0.976 0.937 0.0	G01 81.72 112.48 92	H01 81.72 -4.53 112.39			K01 1.0 1.0 0.0	L01 81.26 71.61 92	M01 81.26 -2.89 71.56	N01 0.0 1.0 0.256	O01 0.976 1.0 0.0	P01 81.72 112.48 92	Q01 81.72 -4.53 112.39			T01 1.0 1.0 0.0	U01 81.26 71.61 92	V01 81.26 -2.89 71.56	W01 0.0 0.075 0.256	X01 0.976 0.937 0.0	Y01 81.72 112.49 92	Z01 81.72 -4.53 112.39	
02		B02 0.937 0.937 0.062	C02 78.19 62.66 92	D02 78.19 -2.52 62.61	E02 0.062 0.075 0.256	F02 0.917 0.937 0.062	G02 77.64 98.42 92	H02 77.64 -3.97 98.34			K02 0.882 0.882 0.117	L02 75.5 54.83 92	M02 75.5 -2.21 54.78	N02 0.062 0.765 0.256	O02 0.864 0.882 0.117	P02 74.07 86.12 92	Q02 74.07 -3.47 86.05			T02 0.967 0.967 0.032	U02 79.67 66.99 92	V02 79.67 -2.7 66.93	W02 0.062 0.935 0.256	X02 0.945 0.967 0.032	Y02 79.61 105.22 92	Z02 79.61 -4.24 105.13	
03		B03 0.875 0.875 0.125	C03 75.12 53.71 92	D03 75.12 -2.16 53.67	E03 0.125 0.75 0.256	F03 0.857 0.875 0.125	G03 73.56 84.36 92	H03 73.56 -3.4 84.29			K03 0.781 0.781 0.218	L03 70.51 40.28 92	M03 70.51 -1.62 40.25	N03 0.125 0.562 0.256	O03 0.768 0.781 0.218	P03 67.45 63.27 92	Q03 67.45 -2.55 63.22			T03 0.933 0.933 0.066	U03 77.97 62.02 92	V03 77.97 -2.5 61.97	W03 0.125 0.866 0.256	X03 0.912 0.933 0.066	Y03 77.35 97.41 92	Z03 77.35 -3.93 97.33	
04		B04 0.812 0.812 0.187	C04 72.05 44.76 92	D04 72.05 -1.8 44.72	E04 0.187 0.625 0.256	F04 0.797 0.812 0.187	G04 69.49 70.3 92	H04 69.49 -2.83 70.24			K04 0.695 0.695 0.304	L04 66.29 27.97 92	M04 66.29 -1.12 27.95	N04 0.187 0.39 0.256	O04 0.686 0.695 0.304	P04 61.84 43.94 92	Q04 61.84 -1.77 43.9			T04 0.895 0.895 0.104	U04 76.11 56.61 92	V04 76.11 -2.28 56.57	W04 0.187 0.79 0.256	X04 0.876 0.895 0.104	Y04 74.89 88.93 92	Z04 74.89 -3.58 88.85	
05		B05 0.75 0.75 0.25	C05 68.98 35.8 92	D05 68.98 -1.44 35.78	E05 0.25 0.5 0.256	F05 0.738 0.75 0.25	G05 65.41 56.24 92	H05 65.41 -2.26 56.19			K05 0.625 0.625 0.375	L05 62.84 17.9 92	M05 62.84 -0.72 17.89	N05 0.25 0.25 0.256	O05 0.619 0.625 0.375	P05 57.26 28.12 92	Q05 57.26 -1.13 28.09			T05 0.853 0.853 0.146	U05 74.06 50.64 92	V05 74.06 -2.04 50.6	W05 0.25 0.707 0.256	X05 0.837 0.853 0.146	Y05 72.16 79.54 92	Z05 72.16 -3.2 79.47	
06		B06 0.687 0.687 0.312	C06 65.91 26.85 92	D06 65.91 -1.08 26.83	E06 0.312 0.375 0.256	F06 0.678 0.687 0.312	G06 61.33 42.18 92	H06 61.33 -1.7 42.14			K06 0.57 0.57 0.429	L06 60.16 10.07 92	M06 60.16 -0.4 10.06	N06 0.312 0.14 0.256	O06 0.567 0.57 0.429	P06 53.69 15.81 92	Q06 53.69 -0.63 15.8			T06 0.806 0.806 0.193	U06 71.74 43.85 92	V06 71.74 -1.76 43.82	W06 0.312 0.612 0.256	X06 0.791 0.806 0.193	Y06 69.08 68.88 92	Z06 69.08 -2.77 68.82	
07		B07 0.625 0.625 0.375	C07 62.84 17.9 92	D07 62.84 -0.72 17.89	E07 0.375 0.25 0.256	F07 0.619 0.625 0.375	G07 57.26 28.12 92	H07 57.26 -1.13 28.09			K07 0.531 0.531 0.468	L07 58.24 4.47 92	M07 58.24 -0.18 4.47	N07 0.375 0.062 0.256	O07 0.529 0.531 0.468	P07 51.14 7.03 92	Q07 51.14 -0.28 7.02			T07 0.75 0.75 0.249	U07 68.98 35.8 92	V07 68.98 -1.44 35.78	W07 0.375 0.5 0.256	X07 0.738 0.75 0.249	Y07 65.41 56.24 92	Z07 65.41 -2.26 56.19	
08		B08 0.562 0.562 0.437	C08 59.77 8.95 92	D08 59.77 -0.36 8.94	E08 0.437 0.125 0.256	F08 0.559 0.562 0.437	G08 53.18 14.06 92	H08 53.18 -0.56 14.04			K08 0.507 0.507 0.492	L08 57.09 1.11 92	M08 57.09 -0.04 1.11	N08 0.437 0.015 0.256	O08 0.507 0.507 0.492	P08 49.61 1.75 92	Q08 49.61 -0.07 1.75			T08 0.676 0.676 0.323	U08 65.38 25.32 92	V08 65.38 -1.02 25.3	W08 0.437 0.353 0.256	X08 0.668 0.676 0.323	Y08 60.63 39.77 92	Z08 60.63 -1.6 39.73	
09		B09 0.5 0.5 0.5	C09 56.71 0.0 0	D09 56.71 0.0 0	E09 0.5 0.0 0	F09 0.5 0.5 0.5	G09 49.11 0.0 360	H09 49.11 0.0 360			K09 0.5 0.5 0.5	L09 56.71 0.0 0	M09 56.71 0.0 0	N09 0.5 0.0 0	O09 0.5 0.5 0.5	P09 49.11 0.0 360	Q09 49.11 0.0 360			T09 0.5 0.5 0.5	U09 56.71 0.0 0	V09 56.71 0.0 0	W09 0.5 0.001 0.0	X09 0.5 0.499 0.5	Y09 49.09 0.07 360	Z09 49.09 0.07 360	
10		B10 0.437 0.437 0.562	C10 53.44 5.81 271	D10 53.44 0.17 -5.8	E10 0.437 0.125 0.754	F10 0.437 0.519 0.562	G10 47.33 5.43 271	H10 47.33 0.16 -5.43			K10 0.492 0.492 0.507	L10 56.3 0.72 271	M10 56.3 0.02 -0.72	N10 0.437 0.015 0.754	O10 0.492 0.502 0.507	P10 48.88 0.67 271	Q10 48.88 0.02 -0.67			T10 0.323 0.323 0.676	U10 47.46 16.43 271	V10 47.46 0.49 -16.42	W10 0.437 0.353 0.754	X10 0.323 0.555 0.676	Y10 44.09 15.36 271	Z10 44.09 0.46 -15.35	
11		B11 0.375 0.375 0.625	C11 50.17 11.62 271	D11 50.17 0.35 -11.61	E11 0.375 0.25 0.754	F11 0.375 0.539 0.625	G11 45.56 10.86 271	H11 45.56 0.32 -10.86			K11 0.468 0.468 0.531	L11 55.07 2.9 271	M11 55.07 0.08 -2.9	N11 0.375 0.062 0.754	O11 0.468 0.509 0.531	P11 48.22 2.71 271	Q11 48.22 0.08 -2.71			T11 0.249 0.249 0.75	U11 43.63 23.24 271	V11 43.63 0.7 -23.23	W11 0.375 0.5 0.754	X11 0.249 0.578 0.75	Y11 42.01 21.73 271	Z11 42.01 0.65 -21.72	
12		B12 0.312 0.312 0.687	C12 46.9 17.43 271	D12 46.9 0.52 -17.42	E12 0.312 0.375 0.754	F12 0.312 0.558 0.687	G12 43.78 16.29 271	H12 43.78 0.49 -16.29			K12 0.429 0.429 0.57	L12 53.03 6.53 271	M12 53.03 0.19 -6.53	N12 0.312 0.14 0.754	O12 0.429 0.529 0.57	P12 47.11 6.11 271	Q12 47.11 0.18 -6.1			T12 0.193 0.193 0.806	U12 40.7 28.47 271	V12 40.7 0.86 -28.45	W12 0.312 0.612 0.754	X12 0.193 0.595 0.806	Y12 40.42 26.61 271	Z12 40.42 0.8 -26.6	
13		B13 0.25 0.25 0.75	C13 43.64 23.24 271	D13 43.64 0.5 -23.23	E13 0.25 0.5 0.754	F13 0.25 0.578 0.75	G13 42.01 21.73 271	H13 42.01 0.65 -21.72			K13 0.375 0.375 0.625	L13 50.17 11.62 271	M13 50.17 0.35 -11.61	N13 0.25 0.25 0.754	O13 0.375 0.539 0.625	P13 45.56 10.86 271	Q13 45.56 0.32 -10.86			T13 0.146 0.146 0.853	U13 38.22 32.87 271	V13 38.22 0.99 -32.85	W13 0.25 0.707 0.754	X13 0.146 0.61 0.853	Y13 39.07 30.73 271	Z13 39.07 0.93 -30.71	
14		B14 0.187 0.187 0.812	C14 40.37 29.05 271	D14 40.37 0.88 -29.04	E14 0.187 0.625 0.754	F14 0.187 0.597 0.812	G14 40.24 27.16 271	H14 40.24 0.82 -27.15			K14 0.304 0.304 0.695	L14 46.49 18.16 271	M14 46.49 0.55 -18.15	N14 0.187 0.39 0.754	O14 0.304 0.561 0.695	P14 43.56 16.97 271	Q14 43.56 0.51 -16.97			T14 0.104 0.104 0.895	U14 36.04 36.75 271	V14 36.04 1.11 -36.73	W14 0.187 0.79 0.754	X14 0.104 0.623 0.895	Y14 37.89 34.36 271	Z14 37.89 1.04 -34.34	
15		B15 0.125 0.125 0.875	C15 37.1 34.86 271	D15 37.1 1.05 -34.85	E15 0.125 0.75 0.754	F15 0.125 0.617 0.875	G15 38.46 32.59 271	H15 38.46 0.98 -32.58			K15 0.218 0.218 0.781	L15 42.0 26.15 271	M15 42.0 0.79 -26.13	N15 0.125 0.562 0.754	O15 0.218 0.588 0.781	P15 41.12 24.44 271	Q15 41.12 0.74 -24.43			T15 0.066 0.066 0.933	U15 34.07 40.26 271	V15 34.07 1.22 -40.24	W15 0.125 0.866 0.754	X15 0.066 0.635 0.933	Y15 36.82 37.64 271	Z15 36.82 1.14 -37.62	
16		B16 0.062 0.062 0.937	C16 33.83 40.67 271	D16 33.83 1.23 -40.66	E16 0.062 0.875 0.754	F16 0.062 0.637 0.937	G16 36.69 38.03 271	H16 36.69 1.15 -38.01			K16 0.117 0.117 0.882	L16 36.69 35.59 271	M16 36.69 1.07 -35.57	N16 0.062 0.765 0.754	O16 0.117 0.612 0.882	P16 38.24 33.27 271	Q16 38.24 0.18 -33.26			T16 0.032 0.032 0.967	U16 32.25 43.48 271	V16 32.25 1.31 -43.46	W16 0.062 0.935 0.754	X16 0.032 0.646 0.967	Y16 35.83 40.65 271	Z16 35.83 1.23 -40.63	
17		B17 0.0 0.0 1.0	C17 30.57 46.49 271	D17 30.57 1.41 -46.47	E17 0.0 1.0 0.754	F17 0.0 0.656 1.0	G17 34.91 43.46 271	H17 34.91 1.31 -43.44			K17 0.0 0.0 1.0	L17 30.57 46.49 271	M17 30.57 1.41 -46.47	N17 0.0 1.0 0.754	O17 0.0 0.656 1.0	P17 34.91 43.46 271	Q17 34.91 1.31 -43.44			T17 0.0 0.0 1.0	U17 30.56 46.49 271	V17 30.56 1.41 -46.47	W17 0.0 1.0 0.754	X17 0.0 0.656 1.0	Y17 34.91 43.46 271	Z17 34.91 1.31 -43.44	
VB		CIE18a			$c_t^* = c^*$	FRS06a					CIE18a			$c_t^* = c^{*0.5}$	FRS06a					CIE18a			$c_t^* = c^{*2}$	FRS06a			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	
L/G	rgb* ₃	LCH* _a	LAB* _a	nhc* ₃	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nhc* ₃	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nhc* ₃	olv* ₃	LCH* _a	LAB* _a			
01	0.0 1.0 1.0	B01 52.23 44.54 162	C01 52.23 -42.42 162	D01 52.23 1.0 0.45	E01 0.0 1.0 0.377	F01 42.61 51.01 162	G01 42.61 -48.57 15.57				K01 0.0 1.0 0.0	L01 52.23 44.54 162	M01 52.23 -42.42 13.6	N01 0.0 1.0 0.45	O01 0.0 1.0 0.377	P01 42.61 51.01 162	Q01 42.61 -48.57 15.57			T01 0.0 1.0 0.0	U01 52.22 44.54 162	V01 52.22 -42.42 13.6	W01 0.0 1.0 0.45	X01 0.0 1.0 0.377	Y01 42.61 51.01 162	Z01 42.61 -48.57 15.57		
02	0.062 0.937 0.062	B02 52.79 38.97 162	C02 52.79 -37.11 11.9	D02 52.79 0.062 0.875 0.45	E02 0.062 0.937 0.393	F02 43.42 44.63 162	G02 43.42 -42.5 13.62				K02 0.117 0.882 0.117	L02 53.28 34.1 162	M02 53.28 -32.47 10.41	N02 0.062 0.765 0.45	O02 0.117 0.882 0.406	P02 44.13 39.05 162	Q02 44.13 -37.19 11.92			T02 0.032 0.967 0.032	U02 52.51 41.66 162	V02 52.51 -39.68 12.72	W02 0.062 0.935 0.45	X02 0.032 0.967 0.385	Y02 43.03 47.71 162	Z02 43.03 -45.43 14.56		
03	0.125 0.875 0.125	B03 53.35 33.41 162	C03 53.35 -31.81 10.2	D03 53.35 0.125 0.75 0.45	E03 0.125 0.875 0.408	F03 44.23 38.25 162	G03 44.23 -36.43 11.68				K03 0.218 0.781 0.218	L03 54.19 25.05 162	M03 54.19 -23.86 7.65	N03 0.125 0.562 0.45	O03 0.218 0.781 0.431	P03 45.45 28.69 162	Q03 45.45 -27.32 8.76			T03 0.066 0.933 0.066	U03 52.83 38.57 162	V03 52.83 -36.73 11.77	W03 0.125 0.866 0.45	X03 0.066 0.933 0.394	Y03 43.48 44.17 162	Z03 43.48 -42.06 13.48		
04	0.187 0.812 0.187	B04 53.91 27.84 162	C04 53.91 -26.51 8.5	D04 53.91 0.187 0.625 0.45	E04 0.187 0.812 0.423	F04 45.05 31.88 162	G04 45.05 -30.35 9.73				K04 0.304 0.695 0.304	L04 54.96 17.4 162	M04 54.96 -16.57 5.31	N04 0.187 0.39 0.45	O04 0.304 0.695 0.452	P04 46.57 19.92 162	Q04 46.57 -18.97 6.08			T04 0.104 0.895 0.104	U04 53.16 35.21 162	V04 53.16 -33.53 10.75	W04 0.187 0.79 0.45	X04 0.104 0.895 0.403	Y04 43.97 40.32 162	Z04 43.97 -38.4 12.31		
05	0.25 0.75 0.25	B05 54.47 22.27 162	C05 54.47 -21.21 6.8	D05 54.47 0.25 0.5 0.45	E05 0.25 0.75 0.438	F05 45.86 25.5 162	G05 45.86 -24.28 7.78				K05 0.375 0.625 0.375	L05 55.59 11.13 162	M05 55.59 -10.6 3.4	N05 0.25 0.25 0.45	O05 0.375 0.625 0.469	P05 47.48 12.75 162	Q05 47.48 -12.14 3.89			T05 0.146 0.853 0.146	U05 53.54 31.49 162	V05 53.54 -29.99 9.61	W05 0.25 0.707 0.45	X05 0.146 0.853 0.413	Y05 44.51 36.07 162	Z05 44.51 -34.34 11.01		
06	0.312 0.687 0.312	B06 55.03 16.7 162	C06 55.03 -15.9 5.1	D06 55.03 0.312 0.375 0.45	E06 0.312 0.687 0.454	F06 46.67 19.12 162	G06 46.67 -18.21 5.84				K06 0.429 0.57 0.429	L06 56.08 6.26 162	M06 56.08 -5.96 1.91	N06 0.312 0.14 0.45	O06 0.429 0.57 0.482	P06 48.19 7.17 162	Q06 48.19 -6.83 2.19			T06 0.193 0.806 0.193	U06 53.96 27.27 162	V06 53.96 -25.97 8.32	W06 0.312 0.612 0.45	X06 0.193 0.806 0.425	Y06 45.13 31.23 162	Z06 45.13 -29.74 9.53		
07	0.375 0.625 0.375	B07 55.59 11.13 162	C07 55.59 -10.6 3.4	D07 55.59 0.375 0.25 0.45	E07 0.375 0.625 0.469	F07 47.48 12.75 162	G07 47.48 -12.14 3.89				K07 0.468 0.531 0.468	L07 56.43 2.78 162	M07 56.43 -2.65 0.85	N07 0.375 0.062 0.45	O07 0.468 0.531 0.492	P07 48.7 3.18 162	Q07 48.7 -3.03 0.97			T07 0.249 0.75 0.249	U07 54.46 22.27 162	V07 54.46 -21.21 6.8	W07 0.375 0.5 0.45	X07 0.249 0.75 0.438	Y07 45.86 25.5 162	Z07 45.86 -24.28 7.78		
08	0.437 0.562 0.437	B08 56.15 5.36 162	C08 56.15 -5.3 1.7	D08 56.15 0.437 0.125 0.45	E08 0.437 0.562 0.484	F08 48.29 6.37 162	G08 48.29 -6.07 1.94				K08 0.492 0.507 0.492	L08 56.64 0.69 162	M08 56.64 -0.66 0.21	N08 0.437 0.015 0.45	O08 0.492 0.507 0.498	P08 49.0 0.79 162	Q08 49.0 -0.75 0.24			T08 0.323 0.676 0.323	U08 55.12 15.74 162	V08 55.12 -14.99 4.8	W08 0.437 0.353 0.45	X08 0.323 0.676 0.456	Y08 46.81 18.03 162	Z08 46.81 -17.17 5.5		
09	0.5 0.5 0.5	B09 56.71 0.0 0	C09 56.71 0.0 0	D09 56.71 0.5 0.0 0	E09 0.5 0.5 0.5	F09 49.11 0.0 360	G09 49.11 0.0 360				K09 0.5 0.5 0.5	L09 56.71 0.0 0	M09 56.71 0.0 0	N09 0.5 0.0 0	O09 0.5 0.5 0.5	P09 49.11 0.0 360	Q09 49.11 0.0 0			T09 0.5 0.5 0.5	U09 56.71 0.0 0	V09 56.71 0.0 0	W09 0.5 0.001 0.0	X09 0.5 0.499 0.5	Y09 49.09 0.07 360	Z09 49.09 0.07 0.0		
10	0.562 0.437 0.562	B10 53.92 3.7 328	C10 53.92 3.16 -1.92	D10 53.92 0.437 0.125 0.912	E10 0.517 0.437 0.562	F10 46.19 10.47 328	G10 46.19 8.94 -5.45				K10 0.507 0.492 0.507	L10 56.36 0.46 328	M10 56.36 0.39 -0.24	N10 0.437 0.015 0.912	O10 0.502 0.492 0.507	P10 48.74 1.3 328	Q10 48.74 1.11 -0.68			T10 0.676 0.323 0.676	U10 48.84 10.47 328	V10 48.84 8.94 -5.45	W10 0.437 0.353 0.912	X10 0.55 0.323 0.676	Y10 40.86 29.62 328	Z10 40.86 25.29 -15.42		
11	0.625 0.375 0.625	B11 51.14 7.4 328	C11 51.14 6.32 -3.85	D11 51.14 0.375 0.25 0.912	E11 0.535 0.375 0.625	F11 43.27 20.94 328	G11 43.27 17.88 -10.9				K11 0.531 0.468 0.531	L11 55.31 1.85 328	M11 55.31 1.58 -0.96	N11 0.375 0.062 0.912	O11 0.508 0.468 0.531	P11 47.65 5.23 328	Q11 47.65 4.47 -2.72			T11 0.75 0.249 0.75	U11 45.58 14.81 328	V11 45.58 12.65 -7.71	W11 0.375 0.5 0.912	X11 0.571 0.249 0.75	Y11 37.44 41.89 328	Z11 37.44 35.76 -21.81		
12	0.687 0.312 0.687	B12 48.36 11.11 328	C12 48.36 9.48 -5.78	D12 48.36 0.312 0.375 0.912	E12 0.553 0.312 0.687	F12 40.36 31.42 328	G12 40.36 26.82 -16.36				K12 0.57 0.429 0.57	L12 53.58 4.16 328	M12 53.58 3.55 -2.16	N12 0.312 0.14 0.912	O12 0.519 0.429 0.57	P12 45.83 11.78 328	Q12 45.83 10.05 -6.13			T12 0.806 0.193 0.806	U12 43.08 18.14 328	V12 43.08 15.49 -9.44	W12 0.312 0.612 0.912	X12 0.587 0.193 0.806	Y12 34.82 51.31 328	Z12 34.82 43.8 -26.71		
13	0.75 0.25 0.75	B13 45.58 14.81 328	C13 45.58 12.65 -7.71	D13 45.58 0.25 0.5 0.912	E13 0.571 0.25 0.75	F13 37.44 41.89 328	G13 37.44 35.76 -21.81				K13 0.625 0.375 0.625	L13 51.14 7.4 328	M13 51.14 6.32 -3.85	N13 0.25 0.25 0.912	O13 0.535 0.375 0.625	P13 43.27 20.94 328	Q13 43.27 17.88 -10.9			T13 0.853 0.146 0.853	U13 40.97 20.95 328	V13 40.97 17.88 -10.91	W13 0.25 0.707 0.912	X13 0.6 0.146 0.853	Y13 32.61 59.24 328	Z13 32.61 50.58 -30.84		
14	0.812 0.187 0.812	B14 42.8 18.52 328	C14 42.8 15.81 -9.64	D14 42.8 0.187 0.625 0.912	E14 0.588 0.187 0.812	F14 34.53 52.36 328	G14 34.53 44.7 -27.26				K14 0.695 0.304 0.695	L14 48.01 11.57 328	M14 48.01 9.88 -6.02	N14 0.187 0.39 0.912	O14 0.555 0.304 0.695	P14 40.0 32.73 328	Q14 40.0 27.94 -17.04			T14 0.895 0.104 0.895	U14 39.11 23.42 328	V14 39.11 20.0 -12.19	W14 0.187 0.79 0.912	X14 0.612 0.104 0.895	Y14 30.67 66.24 328	Z14 30.67 56.55 -34.49		
15	0.875 0.125 0.875	B15 40.02 22.22 328	C15 40.02 18.97 -11.57	D15 40.02 0.125 0.75 0.912	E15 0.606 0.125 0.875	F15 31.61 62.84 328	G15 31.61 53.65 -32.72				K15 0.781 0.218 0.781	L15 44.19 16.66 328	M15 44.19 14.23 -8.67	N15 0.125 0.562 0.912	O15 0.579 0.218 0.781	P15 35.99 47.13 328	Q15 35.99 40.23 -24.54			T15 0.933 0.066 0.933	U15 37.44 25.66 328	V15 37.44 21.91 -13.36	W15 0.125 0.866 0.912	X15 0.623 0.066 0.933	Y15 28.91 72.56 328	Z15 28.91 61.95 -37.78		
16	0.937 0.062 0.937	B16 37.24 25.92 328	C16 37.24 22.13 -13.5	D16 37.24 0.062 0.875 0.912	E16 0.624 0.062 0.937	F16 28.7 73.31 328	G16 28.7 62.59 -38.17				K16 0.882 0.117 0.882	L16 39.67 22.68 328	M16 39.67 19.37 -11.81	N16 0.062 0.765 0.912	O16 0.608 0.117 0.882	P16 31.25 64.15 328	Q16 31.25 54.76 -33.4			T16 0.967 0.032 0.967	U16 35.89 27.72 328	V16 35.89 23.66 -14.43	W16 0.062 0.935 0.912	X16 0.632 0.032 0.967	Y16 27.29 78.37 328	Z16 27.29 66.91 -40.81		
17	1.0 0.0 1.0	B17 34.46 29.63 328	C17 34.46 25.3 -15.43	D17 34.46 0.0 1.0 0.912	E17 0.642 0.0 1.0	F17 25.78 83.78 328	G17 25.78 71.53 -43.62				K17 1.0 0.0 1.0	L17 34.46 29.63 328	M17 34.46 25.3 -15.43	N17 0.0 1.0 0.912	O17 0.642 0.0 1.0	P17 25.78 83.78 328	Q17 25.78 71.53 -43.62			T17 1.0 0.0 1.0	U17 34.45 29.63 328	V17 34.45 25.3 -15.43	W17 0.0 1.0 0.912	X17 0.642 0.0 1.0	Y17 25.78 83.78 328	Z17 25.78 71.53 -43.62		
M/M		CIE18a			$c_t^* = c^*$	FRS06a					CIE18a			$c_t^* = c^{*0.5}$	FRS06a					CIE18a			$c_t^* = c^{*2}$	FRS06a				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a
O/R	rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a		
01	B01 1.0 0.0 0.0	C01 39.91 65.06 25	D01 39.91 58.74 27.99	E01 0.0 1.0 0.07	F01 1.0 0.0 0.138	G01 53.62 82.05 25	H01 53.62 74.07 35.29			K01 1.0 0.0 0.0	L01 39.91 65.06 25	M01 39.91 58.74 27.99	N01 0.0 1.0 0.07	O01 1.0 0.0 0.138	P01 53.62 82.05 25	Q01 53.62 74.07 35.29			T01 1.0 0.0 0.0	U01 39.91 65.06 25	V01 39.91 58.74 27.99	W01 0.0 1.0 0.07	X01 1.0 0.0 0.138	Y01 53.62 82.05 25	Z01 53.62 74.07 35.29		
02	B02 0.937 0.062 0.062	C02 42.01 56.93 25	D02 42.01 51.39 24.49	E02 0.062 0.875 0.07	F02 0.937 0.062 0.183	G02 54.0 71.79 25	H02 54.0 64.81 30.88			K02 0.882 0.117 0.117	L02 43.85 49.81 25	M02 43.85 44.97 21.42	N02 0.062 0.765 0.07	O02 0.882 0.117 0.222	P02 54.34 62.82 25	Q02 54.34 56.71 27.02			T02 0.967 0.032 0.032	U02 41.0 60.86 25	V02 41.0 54.94 26.18	W02 0.062 0.935 0.07	X02 0.967 0.032 0.161	Y02 53.82 76.75 25	Z02 53.82 69.29 33.01		
03	B03 0.875 0.125 0.125	C03 44.11 48.8 25	D03 44.11 44.05 20.99	E03 0.125 0.75 0.07	F03 0.875 0.125 0.228	G03 54.39 61.54 25	H03 54.39 55.55 26.47			K03 0.781 0.218 0.218	L03 47.26 36.6 25	M03 47.26 33.04 15.74	N03 0.125 0.562 0.07	O03 0.781 0.218 0.296	P03 54.97 46.15 25	Q03 54.97 41.66 19.85			T03 0.933 0.066 0.066	U03 42.16 56.35 25	V03 42.16 50.87 24.24	W03 0.125 0.866 0.07	X03 0.933 0.066 0.186	Y03 54.03 71.06 25	Z03 54.03 64.15 30.56		
04	B04 0.812 0.187 0.187	C04 46.21 40.66 25	D04 46.21 36.71 17.49	E04 0.187 0.625 0.07	F04 0.812 0.187 0.273	G04 54.78 51.28 25	H04 54.78 46.29 22.06			K04 0.695 0.304 0.304	L04 50.15 25.41 25	M04 50.15 22.94 10.93	N04 0.187 0.39 0.07	O04 0.695 0.304 0.358	P04 55.5 32.05 25	Q04 55.5 28.93 13.78			T04 0.895 0.104 0.104	U04 43.43 51.44 25	V04 43.43 46.43 22.12	W04 0.187 0.79 0.07	X04 0.895 0.104 0.213	Y04 54.26 64.87 25	Z04 54.26 58.56 27.9		
05	B05 0.75 0.25 0.25	C05 48.31 32.53 25	D05 48.31 29.37 13.99	E05 0.25 0.5 0.07	F05 0.75 0.25 0.319	G05 55.16 41.02 25	H05 55.16 37.03 17.64			K05 0.625 0.297 0.375	L05 52.51 16.26 25	M05 52.51 14.68 6.99	N05 0.25 0.25 0.07	O05 0.625 0.375 0.409	P05 55.93 20.51 25	Q05 55.93 18.51 8.82			T05 0.853 0.146 0.146	U05 44.83 46.0 25	V05 44.83 41.53 19.79	W05 0.25 0.707 0.07	X05 0.853 0.146 0.244	Y05 54.52 58.02 25	Z05 54.52 52.37 24.95		
06	B06 0.687 0.312 0.312	C06 50.41 24.4 25	D06 50.41 22.02 10.49	E06 0.312 0.375 0.07	F06 0.687 0.312 0.364	G06 55.55 30.77 25	H06 55.55 27.77 13.23			K06 0.57 0.429 0.429	L06 54.34 9.15 25	M06 54.34 8.26 3.93	N06 0.312 0.14 0.07	O06 0.57 0.429 0.449	P06 56.27 11.53 25	Q06 56.27 10.41 4.96			T06 0.806 0.193 0.193	U06 46.42 39.84 25	V06 46.42 35.97 17.14	W06 0.312 0.612 0.07	X06 0.806 0.193 0.278	Y06 54.81 50.24 25	Z06 54.81 45.36 21.61		
07	B07 0.625 0.375 0.375	C07 52.51 16.26 25	D07 52.51 14.68 6.99	E07 0.375 0.25 0.07	F07 0.625 0.375 0.409	G07 55.93 20.51 25	H07 55.93 18.51 8.82			K07 0.531 0.468 0.468	L07 55.66 4.06 25	M07 55.66 3.67 1.74	N07 0.375 0.062 0.07	O07 0.531 0.468 0.477	P07 56.51 5.12 2.2	Q07 56.51 4.62 2.2			T07 0.75 0.249 0.249	U07 48.31 32.53 25	V07 48.31 29.37 13.99	W07 0.375 0.5 0.07	X07 0.75 0.249 0.319	Y07 55.16 41.02 25	Z07 55.16 37.03 17.64		
08	B08 0.562 0.437 0.437	C08 54.61 8.13 25	D08 54.61 7.34 3.49	E08 0.437 0.125 0.07	F08 0.562 0.437 0.454	G08 56.32 10.25 25	H08 56.32 9.25 4.41			K08 0.507 0.492 0.492	L08 56.44 1.01 25	M08 56.44 0.91 0.43	N08 0.437 0.015 0.07	O08 0.507 0.492 0.494	P08 56.66 1.28 25	Q08 56.66 1.15 0.55			T08 0.676 0.323 0.323	U08 50.77 23.0 25	V08 50.77 20.76 9.89	W08 0.437 0.353 0.07	X08 0.676 0.323 0.372	Y08 55.61 29.01 25	Z08 55.61 26.18 12.47		
09	B09 0.5 0.5 0.5	C09 56.71 0.0 0	D09 56.71 0.0 0	E09 0.5 0.5 0.0	F09 0.5 0.5 0.5	G09 56.71 3.60 0	H09 56.71 0.0 0			K09 0.5 0.5 0.5	L09 56.71 0.0 0	M09 56.71 0.0 0	N09 0.5 0.0 0	O09 0.5 0.5 0.5	P09 56.71 0.0 0	Q09 56.71 0.0 0			T09 0.5 0.5 0.5	U09 56.71 0.0 0	V09 56.71 0.0 0	W09 0.5 0.001 0.0	X09 0.5 0.499 0.499	Y09 56.7 0.07 360	Z09 56.7 0.07 0		
10	B10 0.437 0.562 0.562	C10 54.82 3.28 216	D10 54.82 -2.62 -1.97	E10 0.437 0.125 0.602	F10 0.437 0.547 0.562	G10 59.71 4.83 216	H10 59.71 -3.86 -2.9			K10 0.492 0.507 0.507	L10 56.47 0.41 216	M10 56.47 -0.32 -0.24	N10 0.437 0.015 0.602	O10 0.492 0.505 0.507	P10 57.08 0.6 216	Q10 57.08 -0.48 -0.36			T10 0.323 0.676 0.676	U10 51.37 9.28 216	V10 51.37 -7.41 -5.58	W10 0.437 0.353 0.602	X10 0.323 0.633 0.676	Y10 65.2 13.67 216	Z10 65.2 -10.92 -8.22		
11	B11 0.375 0.625 0.625	C11 52.94 6.56 216	D11 52.94 -5.24 -3.94	E11 0.375 0.25 0.602	F11 0.375 0.594 0.625	G11 62.71 9.66 216	H11 62.71 -7.72 -5.81			K11 0.468 0.531 0.531	L11 55.76 1.64 216	M11 55.76 -1.31 -0.98	N11 0.375 0.062 0.602	O11 0.468 0.523 0.531	P11 58.21 2.41 216	Q11 58.21 -1.93 -1.45			T11 0.249 0.75 0.75	U11 49.16 13.12 216	V11 49.16 -10.48 -7.89	W11 0.375 0.5 0.602	X11 0.249 0.688 0.75	Y11 68.72 19.33 216	Z11 68.72 -15.44 -11.63		
12	B12 0.312 0.687 0.687	C12 51.05 9.84 216	D12 51.05 -7.86 -5.92	E12 0.312 0.375 0.602	F12 0.312 0.641 0.687	G12 65.72 14.5 216	H12 65.72 -11.58 -8.72			K12 0.429 0.57 0.57	L12 54.58 3.69 216	M12 54.58 -2.94 -2.22	N12 0.312 0.14 0.602	O12 0.429 0.552 0.57	P12 60.09 5.43 216	Q12 60.09 -4.34 -3.27			T12 0.193 0.806 0.806	U12 47.47 16.07 216	V12 47.47 -12.84 -9.66	W12 0.312 0.612 0.602	X12 0.193 0.73 0.806	Y12 71.42 23.67 216	Z12 71.42 -18.91 -14.24		
13	B13 0.25 0.75 0.75	C13 49.17 13.12 216	D13 49.17 -10.48 -7.89	E13 0.25 0.5 0.602	F13 0.25 0.688 0.75	G13 68.72 19.33 216	H13 68.72 -15.44 -11.63			K13 0.375 0.625 0.625	L13 52.94 6.56 216	M13 52.94 -5.24 -3.94	N13 0.25 0.25 0.602	O13 0.375 0.594 0.625	P13 62.71 9.66 216	Q13 62.71 -7.72 -5.81			T13 0.146 0.853 0.853	U13 46.04 18.56 216	V13 46.04 -14.82 -11.16	W13 0.25 0.707 0.602	X13 0.146 0.766 0.853	Y13 73.7 27.34 216	Z13 73.7 -21.84 -16.44		
14	B14 0.187 0.812 0.812	C14 47.28 16.4 216	D14 47.28 -13.1 -9.86	E14 0.187 0.625 0.602	F14 0.187 0.735 0.812	G14 71.73 24.16 216	H14 71.73 -19.3 -14.53			K14 0.304 0.695 0.695	L14 50.81 10.25 216	M14 50.81 -8.19 -6.16	N14 0.187 0.39 0.602	O14 0.304 0.646 0.695	P14 66.09 15.1 216	Q14 66.09 -12.06 -9.08			T14 0.104 0.895 0.895	U14 44.78 20.75 216	V14 44.78 -16.57 -12.48	W14 0.187 0.79 0.602	X14 0.104 0.797 0.895	Y14 75.71 30.57 216	Z14 75.71 -24.42 -18.38		
15	B15 0.125 0.875 0.875	C15 45.4 19.68 216	D15 45.4 -15.72 -11.84	E15 0.125 0.75 0.602	F15 0.125 0.825 0.875	G15 74.73 29.0 216	H15 74.73 -23.16 -17.44			K15 0.218 0.781 0.781	L15 48.22 14.76 216	M15 48.22 -11.79 -8.88	N15 0.125 0.562 0.602	O15 0.218 0.711 0.781	P15 70.23 21.75 216	Q15 70.23 -17.37 -13.08			T15 0.066 0.933 0.933	U15 43.65 22.73 216	V15 43.65 -18.16 -13.67	W15 0.125 0.866 0.602	X15 0.066 0.825 0.933	Y15 77.52 33.48 216	Z15 77.52 -26.75 -20.14		
16	B16 0.062 0.937 0.937	C16 43.51 22.96 216	D16 43.51 -18.34 -13.81	E16 0.062 0.875 0.602	F16 0.062 0.829 0.937	G16 77.74 33.83 216	H16 77.74 -27.02 -20.35			K16 0.117 0.882 0.882	L16 45.16 20.09 216	M16 45.16 -16.05 -12.08	N16 0.062 0.765 0.602	O16 0.117 0.788 0.882	P16 75.11 29.6 216	Q16 75.11 -23.65 -17.8			T16 0.032 0.967 0.967	U16 42.6 24.55 216	V16 42.6 -19.61 -14.77	W16 0.062 0.935 0.602	X16 0.032 0.851 0.967	Y16 79.19 36.17 216	Z16 79.19 -28.89 -21.75		
17	B17 0.0 1.0 1.0	C17 41.63 26.25 216	D17 41.63 -20.97 -15.79	E17 0.0 1.0 0.602	F17 0.0 0.876 1.0	G17 80.74 38.66 216	H17 80.74 -30.89 -23.26			K17 0.0 1.0 1.0	L17 41.63 26.25 216	M17 41.63 -20.97 -15.79	N17 0.0 1.0 0.602	O17 0.0 0.876 1.0	P17 80.74 38.66 216	Q17 80.74 -30.89 -23.26			T17 0.0 1.0 1.0	U17 41.62 26.25 216	V17 41.62 -20.97 -15.79	W17 0.0 1.0 0.602	X17 0.0 0.876 1.0	Y17 80.74 38.66 216	Z17 80.74 -30.89 -23.26		
C/C'	CIE18a			$c^*_t = c^*$			TLS18a			CIE18a			$c^*_t = c^*^{0.5}$			TLS18a			CIE18a			$c^*_t = c^*^2$			TLS18a		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a														
L/G	rgb* ₃	LCH* _a	LAB* _a	nch* _o	olv* ₃	LCH* _a	LAB* _a	rgb* ₃	LCH* _a	LAB* _a	nch* _o	olv* ₃	LCH* _a	LAB* _a	rgb* ₃	LCH* _a	LAB* _a	nch* _o	olv* ₃	LCH* _a	LAB* _a	nch* _o	olv* ₃	LCH* _a	LAB* _a	rgb* ₃	LCH* _a	LAB* _a	nch* _o	olv* ₃	LCH* _a	LAB* _a									
01	0.0	B01	52.23	C01	52.23	E01	F01	86.0	G01	86.0	H01				0.0	K01	L01	52.23	M01	52.23	N01	O01	86.0	P01	86.0	Q01				0.0	T01	U01	V01	52.23	W01	52.23	X01	86.0	Y01	86.0	Z01
02	0.062	B02	52.79	C02	52.79	E02	F02	82.34	G02	82.34	H02				0.117	K02	L02	53.28	M02	53.28	N02	O02	79.14	P02	79.14	Q02				0.032	T02	U02	V02	52.51	W02	52.51	X02	84.11	Y02	84.11	Z02
03	0.125	B03	53.35	C03	53.35	E03	F03	78.68	G03	78.68	H03				0.218	K03	L03	54.19	M03	54.19	N03	O03	73.19	P03	73.19	Q03				0.066	T03	U03	V03	52.83	W03	52.83	X03	82.08	Y03	82.08	Z03
04	0.187	B04	53.91	C04	53.91	E04	F04	75.02	G04	75.02	H04				0.304	K04	L04	54.96	M04	54.96	N04	O04	68.15	P04	68.15	Q04				0.104	T04	U04	V04	53.16	W04	53.16	X04	79.87	Y04	79.87	Z04
05	0.25	B05	54.47	C05	54.47	E05	F05	71.35	G05	71.35	H05				0.375	K05	L05	55.59	M05	55.59	N05	O05	64.03	P05	64.03	Q05				0.146	T05	U05	V05	53.54	W05	53.54	X05	77.42	Y05	77.42	Z05
06	0.312	B06	55.03	C06	55.03	E06	F06	67.69	G06	67.69	H06				0.429	K06	L06	56.08	M06	56.08	N06	O06	60.83	P06	60.83	Q06				0.193	T06	U06	V06	53.96	W06	53.96	X06	74.65	Y06	74.65	Z06
07	0.375	B07	55.59	C07	55.59	E07	F07	64.03	G07	64.03	H07				0.468	K07	L07	56.43	M07	56.43	N07	O07	58.54	P07	58.54	Q07				0.249	T07	U07	V07	54.46	W07	54.46	X07	71.35	Y07	71.35	Z07
08	0.437	B08	56.15	C08	56.15	E08	F08	60.37	G08	60.37	H08				0.492	K08	L08	56.64	M08	56.64	N08	O08	57.16	P08	57.16	Q08				0.323	T08	U08	V08	55.12	W08	55.12	X08	67.06	Y08	67.06	Z08
09	0.5	B09	56.71	C09	56.71	E09	F09	56.71	G09	56.71	H09				0.5	K09	L09	56.71	M09	56.71	N09	O09	56.71	P09	56.71	Q09				0.5	T09	U09	V09	56.71	W09	56.71	X09	56.7	Y09	56.7	Z09
10	0.562	B10	53.92	C10	53.92	E10	F10	56.98	G10	56.98	H10				0.507	K10	L10	56.36	M10	56.36	N10	O10	56.74	P10	56.74	Q10				0.676	T10	U10	V10	48.84	W10	48.84	X10	57.49	Y10	57.49	Z10
11	0.625	B11	51.14	C11	51.14	E11	F11	57.26	G11	57.26	H11				0.531	K11	L11	55.31	M11	55.31	N11	O11	56.84	P11	56.84	Q11				0.75	T11	U11	V11	45.58	W11	45.58	X11	57.82	Y11	57.82	Z11
12	0.687	B12	48.36	C12	48.36	E12	F12	57.54	G12	57.54	H12				0.57	K12	L12	53.58	M12	53.58	N12	O12	57.02	P12	57.02	Q12				0.806	T12	U12	V12	43.08	W12	43.08	X12	58.07	Y12	58.07	Z12
13	0.75	B13	45.58	C13	45.58	E13	F13	57.82	G13	57.82	H13				0.625	K13	L13	51.14	M13	51.14	N13	O13	57.26	P13	57.26	Q13				0.853	T13	U13	V13	40.97	W13	40.97	X13	58.28	Y13	58.28	Z13
14	0.812	B14	42.8	C14	42.8	E14	F14	58.09	G14	58.09	H14				0.695	K14	L14	48.01	M14	48.01	N14	O14	57.57	P14	57.57	Q14				0.895	T14	U14	V14	39.11	W14	39.11	X14	58.46	Y14	58.46	Z14
15	0.875	B15	40.02	C15	40.02	E15	F15	58.37	G15	58.37	H15				0.781	K15	L15	44.19	M15	44.19	N15	O15	57.95	P15	57.95	Q15				0.933	T15	U15	V15	37.44	W15	37.44	X15	58.63	Y15	58.63	Z15
16	0.937	B16	37.24	C16	37.24	E16	F16	58.65	G16	58.65	H16				0.882	K16	L16	39.67	M16	39.67	N16	O16	58.41	P16	58.41	Q16				0.967	T16	U16	V16	35.89	W16	35.89	X16	58.78	Y16	58.78	Z16
17	1.0	B17	34.46	C17	34.46	E17	F17	58.93	G17	58.93	H17				1.0	K17	L17	34.46	M17	34.46	N17	O17	58.93	P17	58.93	Q17				1.0	T17	U17	V17	34.45	W17	34.45	X17	58.93	Y17	58.93	Z17

M/M CIE18a $c_t^* = c^*$ TLS18a CIE18a $c_t^* = c^{*0.5}$ TLS18a CIE18a $c_t^* = c^{*2}$ TLS18a

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a		
O/R	rgb* ₃	LCH* _a	LAB* _a	nlch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nlch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nlch* _a	olv* ₃	LCH* _a	LAB* _a				
01	B01 1.0 0.0 0.0	C01 39.91 65.06 25	D01 39.91 58.74 27.99	E01 0.0 1.0 0.07	F01 1.0 0.0 0.087	G01 34.58 91.52 25	H01 34.58 82.62 39.36			K01 1.0 0.0 0.0	L01 39.91 65.06 25	M01 39.91 58.74 27.99	N01 0.0 1.0 0.07	O01 1.0 0.0 0.087	P01 34.58 91.52 25	Q01 34.58 82.62 39.36			T01 1.0 0.0 0.0	U01 39.91 65.06 25	V01 39.91 58.74 27.99	W01 0.0 1.0 0.07	X01 1.0 0.0 0.087	Y01 34.58 91.52 25	Z01 34.58 82.62 39.36				
02	B02 0.937 0.062 0.062	C02 42.01 56.93 25	D02 42.01 51.39 24.49	E02 0.062 0.875 0.07	F02 0.937 0.062 0.138	G02 36.22 80.08 25	H02 36.22 72.29 34.44			K02 0.882 0.117 0.117	L02 43.85 49.81 25	M02 43.85 44.97 21.42	N02 0.062 0.765 0.07	O02 0.882 0.117 0.184	P02 37.66 70.07 25	Q02 37.66 63.25 30.14			T02 0.967 0.032 0.032	U02 41.0 60.86 25	V02 41.0 54.94 26.18	W02 0.062 0.935 0.07	X02 0.967 0.032 0.113	Y02 35.43 85.6 25	Z02 35.43 77.28 36.82				
03	B03 0.875 0.125 0.125	C03 44.11 48.8 25	D03 44.11 44.05 20.99	E03 0.125 0.75 0.07	F03 0.875 0.125 0.19	G03 37.86 68.64 25	H03 37.86 61.96 29.52			K03 0.781 0.218 0.218	L03 47.26 36.6 25	M03 47.26 33.04 15.74	N03 0.125 0.562 0.07	O03 0.781 0.218 0.267	P03 40.32 51.48 25	Q03 40.32 56.35 22.14			T03 0.933 0.066 0.066	U03 42.16 56.35 25	V03 42.16 50.87 24.24	W03 0.125 0.866 0.07	X03 0.933 0.066 0.142	Y03 36.34 79.25 25	Z03 36.34 71.55 34.09				
04	B04 0.812 0.187 0.187	C04 46.21 40.66 25	D04 46.21 36.71 17.49	E04 0.187 0.625 0.07	F04 0.812 0.187 0.242	G04 39.5 57.2 25	H04 39.5 51.63 24.6			K04 0.695 0.304 0.304	L04 50.15 25.41 25	M04 50.15 22.94 10.93	N04 0.187 0.39 0.07	O04 0.695 0.304 0.338	P04 42.58 35.75 25	Q04 42.58 32.27 15.37			T04 0.895 0.104 0.104	U04 43.43 51.44 25	V04 43.43 46.43 22.12	W04 0.187 0.79 0.07	X04 0.895 0.104 0.173	Y04 37.33 72.35 25	Z04 37.33 65.31 31.12				
05	B05 0.75 0.25 0.25	C05 48.31 32.53 25	D05 48.31 29.37 13.99	E05 0.25 0.5 0.07	F05 0.75 0.25 0.293	G05 41.14 41.14 19.68	H05 41.14 41.31 19.68			K05 0.625 0.375 0.375	L05 52.51 16.26 25	M05 52.51 14.68 6.99	N05 0.25 0.25 0.07	O05 0.625 0.375 0.396	P05 44.42 22.88 25	Q05 44.42 20.65 9.84			T05 0.853 0.146 0.146	U05 44.83 46.0 25	V05 44.83 41.53 19.79	W05 0.25 0.707 0.07	X05 0.853 0.146 0.208	Y05 38.43 64.71 25	Z05 38.43 58.42 27.83				
06	B06 0.687 0.312 0.312	C06 50.41 24.4 25	D06 50.41 22.02 10.49	E06 0.312 0.375 0.07	F06 0.687 0.312 0.345	G06 42.78 34.32 25	H06 42.78 30.98 14.76			K06 0.57 0.429 0.429	L06 54.34 9.15 25	M06 54.34 8.26 3.93	N06 0.312 0.14 0.07	O06 0.57 0.429 0.441	P06 45.86 12.87 25	Q06 45.86 11.61 5.53			T06 0.806 0.193 0.193	U06 46.42 39.84 25	V06 46.42 35.97 17.14	W06 0.312 0.612 0.07	X06 0.806 0.193 0.247	Y06 39.67 56.04 25	Z06 39.67 50.59 24.1				
07	B07 0.625 0.375 0.375	C07 52.51 16.26 25	D07 52.51 14.68 6.99	E07 0.375 0.25 0.07	F07 0.625 0.375 0.396	G07 44.42 22.88 25	H07 44.42 20.65 9.84			K07 0.531 0.468 0.468	L07 55.66 4.06 25	M07 55.66 3.67 1.74	N07 0.375 0.062 0.07	O07 0.531 0.468 0.474	P07 46.88 5.72 25	Q07 46.88 5.16 2.46			T07 0.75 0.249 0.249	U07 48.31 32.53 25	V07 48.31 29.37 19.37	W07 0.375 0.5 0.07	X07 0.75 0.249 0.293	Y07 41.14 45.76 25	Z07 41.14 41.31 19.68				
08	B08 0.562 0.437 0.437	C08 54.61 8.13 25	D08 54.61 7.34 3.49	E08 0.437 0.125 0.07	F08 0.562 0.437 0.448	G08 46.06 11.44 25	H08 46.06 10.32 4.92			K08 0.507 0.492 0.492	L08 56.44 1.01 25	M08 56.44 0.91 0.43	N08 0.437 0.015 0.07	O08 0.507 0.492 0.493	P08 47.5 1.43 25	Q08 47.5 1.29 0.61			T08 0.676 0.323 0.323	U08 50.77 23.0 25	V08 50.77 20.76 9.89	W08 0.437 0.353 0.07	X08 0.676 0.323 0.354	Y08 43.07 32.35 25	Z08 43.07 29.21 13.91				
09	B09 0.5 0.5 0.5	C09 56.71 0 0	D09 56.71 0 0	E09 0.5 0.5 0.0	F09 0.5 0.5 0.5	G09 47.71 0 0	H09 47.71 0 0			K09 0.5 0.5 0.5	L09 56.71 0 0	M09 56.71 0 0	N09 0.5 0.5 0.5	O09 0.5 0.5 0.5	P09 47.71 0 0	Q09 47.71 0 0			T09 0.5 0.5 0.5	U09 56.71 0 0	V09 56.71 0 0	W09 0.5 0.001 0.0	X09 0.5 0.499 0.5	Y09 47.71 0.08 0	Z09 47.71 0.08 0				
10	B10 0.437 0.562 0.562	C10 54.82 3.28 216	D10 54.82 -2.62 -1.97	E10 0.437 0.125 0.602	F10 0.437 0.545 0.562	G10 49.17 11.22 216	H10 49.17 -8.96 -6.74			K10 0.492 0.507 0.507	L10 56.47 0.41 216	M10 56.47 -0.32 -0.24	N10 0.437 0.015 0.602	O10 0.492 0.505 0.507	P10 47.89 1.4 216	Q10 47.89 -1.12 -0.84			T10 0.323 0.676 0.676	U10 51.37 9.28 216	V10 51.37 -7.41 -5.58	W10 0.437 0.353 0.602	X10 0.323 0.63 0.676	Y10 51.84 31.73 216	Z10 51.84 -25.35 -19.09				
11	B11 0.375 0.625 0.625	C11 52.94 6.56 216	D11 52.94 -5.24 -3.94	E11 0.375 0.25 0.602	F11 0.375 0.591 0.625	G11 50.63 22.44 216	H11 50.63 -17.92 -13.49			K11 0.468 0.531 0.531	L11 55.76 1.64 216	M11 55.76 -1.31 -0.98	N11 0.375 0.062 0.602	O11 0.468 0.522 0.531	P11 48.44 5.61 216	Q11 48.44 -4.48 -3.37			T11 0.249 0.75 0.75	U11 49.16 13.12 216	V11 49.16 -10.48 -7.89	W11 0.375 0.5 0.602	X11 0.249 0.683 0.75	Y11 53.56 44.88 216	Z11 53.56 -35.85 -26.99				
12	B12 0.312 0.687 0.687	C12 51.05 9.84 216	D12 51.05 -7.86 -5.92	E12 0.312 0.375 0.602	F12 0.312 0.687 0.687	G12 52.09 33.66 216	H12 52.09 -26.89 -20.24			K12 0.429 0.57 0.57	L12 54.58 3.69 216	M12 54.58 -2.94 -2.22	N12 0.312 0.14 0.602	O12 0.429 0.551 0.57	P12 49.35 12.62 216	Q12 49.35 -10.08 -7.59			T12 0.193 0.806 0.806	U12 47.47 16.07 216	V12 47.47 -12.84 -9.66	W12 0.312 0.612 0.602	X12 0.193 0.725 0.806	Y12 54.87 54.97 216	Z12 54.87 -43.91 -33.06				
13	B13 0.25 0.75 0.75	C13 49.17 13.12 216	D13 49.17 -10.48 -7.89	E13 0.25 0.5 0.602	F13 0.25 0.683 0.75	G13 53.56 44.88 216	H13 53.56 -35.85 -26.99			K13 0.375 0.625 0.625	L13 52.94 6.56 216	M13 52.94 -5.24 -3.94	N13 0.25 0.25 0.602	O13 0.375 0.571 0.625	P13 50.63 22.44 216	Q13 50.63 -17.92 -13.49			T13 0.146 0.853 0.853	U13 46.04 18.56 216	V13 46.04 -14.82 -11.16	W13 0.25 0.707 0.602	X13 0.146 0.76 0.853	Y13 55.98 63.47 216	Z13 55.98 -50.7 -38.18				
14	B14 0.187 0.812 0.812	C14 47.28 16.4 216	D14 47.28 -13.1 -9.86	E14 0.187 0.625 0.602	F14 0.187 0.729 0.812	G14 55.02 56.1 216	H14 55.02 -41.81 -33.74			K14 0.304 0.695 0.695	L14 50.81 10.25 216	M14 50.81 -8.19 -6.16	N14 0.187 0.39 0.602	O14 0.304 0.643 0.695	P14 52.28 35.06 216	Q14 52.28 -28.01 -21.09			T14 0.104 0.895 0.895	U14 44.78 20.75 216	V14 44.78 -16.57 -12.48	W14 0.187 0.79 0.602	X14 0.104 0.79 0.895	Y14 56.96 70.96 216	Z14 56.96 -56.69 -42.68				
15	B15 0.125 0.875 0.875	C15 45.4 19.68 216	D15 45.4 -15.72 -11.84	E15 0.125 0.75 0.602	F15 0.125 0.875 0.875	G15 56.48 67.32 216	H15 56.48 -53.78 -40.49			K15 0.218 0.781 0.781	L15 48.22 14.76 216	M15 48.22 -11.79 -8.88	N15 0.125 0.562 0.602	O15 0.218 0.706 0.781	P15 54.29 50.49 216	Q15 54.29 -40.33 -30.37			T15 0.066 0.933 0.933	U15 43.65 22.73 216	V15 43.65 -18.16 -13.67	W15 0.125 0.866 0.602	X15 0.066 0.818 0.933	Y15 57.84 77.74 216	Z15 57.84 -62.1 -46.76				
16	B16 0.062 0.937 0.937	C16 43.51 22.96 216	D16 43.51 -18.34 -13.81	E16 0.062 0.875 0.602	F16 0.062 0.821 0.937	G16 57.94 78.54 216	H16 57.94 -62.74 -47.24			K16 0.117 0.882 0.882	L16 45.16 20.09 216	M16 45.16 -16.05 -12.08	N16 0.062 0.765 0.602	O16 0.117 0.781 0.882	P16 56.66 68.72 216	Q16 56.66 -54.9 -41.34			T16 0.032 0.967 0.967	U16 42.6 24.55 216	V16 42.6 -19.61 -14.77	W16 0.062 0.935 0.602	X16 0.032 0.844 0.967	Y16 58.65 83.97 216	Z16 58.65 -67.08 -50.51				
17	B17 0.0 1.0 1.0	C17 41.63 26.25 216	D17 41.63 -20.97 -15.79	E17 0.0 1.0 0.602	F17 0.0 0.867 1.0	G17 59.41 89.76 216	H17 59.41 -71.71 -53.99			K17 0.0 1.0 1.0	L17 41.63 26.25 216	M17 41.63 -20.97 -15.79	N17 0.0 1.0 0.602	O17 0.0 0.867 1.0	P17 59.41 89.76 216	Q17 59.41 -71.71 -53.99			T17 0.0 1.0 1.0	U17 41.62 26.25 216	V17 41.62 -20.97 -15.79	W17 0.0 1.0 0.602	X17 0.0 0.867 1.0	Y17 59.41 89.76 216	Z17 59.41 -71.71 -53.99				
C/C'	CIE18a		$c_t^* = c^*$			NLS00a					CIE18a		$c_t^* = c^{*0.5}$			NLS00a					CIE18a		$c_t^* = c^{*2}$			NLS00a			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a
Y/J		rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a	
01		B01 1.0 1.0 0.0	C01 81.26 71.61 92	D01 81.26 -2.89 71.56	E01 0.0 0.954 0.256	F01 0.0954 1.0 0.0	G01 62.16 93.3 92	H01 62.16 -3.76 93.22			K01 1.0 1.0 0.0	L01 81.26 71.61 92	M01 81.26 -2.89 71.56	N01 0.0 1.0 0.256	O01 0.954 1.0 0.0	P01 62.16 93.3 92	Q01 62.16 -3.76 93.22			T01 1.0 1.0 0.0	U01 81.26 71.61 92	V01 81.26 -2.89 71.56	W01 0.0 0.954 0.256	X01 0.954 1.0 0.0	Y01 62.16 93.3 92	Z01 62.16 -3.76 93.22	
02		B02 0.937 0.937 0.062	C02 78.19 62.66 92	D02 78.19 -2.52 62.61	E02 0.062 0.875 0.256	F02 0.897 0.937 0.062	G02 60.35 81.63 92	H02 60.35 -3.29 81.57			K02 0.882 0.882 0.117	L02 75.5 54.83 92	M02 75.5 -2.21 54.78	N02 0.062 0.765 0.256	O02 0.847 0.882 0.117	P02 58.77 71.43 92	Q02 58.77 -2.88 71.37			T02 0.967 0.967 0.032	U02 79.67 66.99 92	V02 79.67 -2.7 66.93	W02 0.062 0.935 0.256	X02 0.925 0.967 0.032	Y02 61.22 87.27 92	Z02 61.22 -3.52 87.2	
03		B03 0.875 0.875 0.125	C03 75.12 53.71 92	D03 75.12 -1.8 53.67	E03 0.125 0.75 0.256	F03 0.84 0.875 0.125	G03 58.54 69.97 92	H03 58.54 -2.82 69.91			K03 0.781 0.781 0.218	L03 70.51 40.28 92	M03 70.51 -1.62 40.25	N03 0.125 0.562 0.256	O03 0.755 0.781 0.218	P03 55.83 52.48 92	Q03 55.83 -2.11 52.43			T03 0.933 0.933 0.066	U03 77.97 62.02 92	V03 77.97 -2.5 61.97	W03 0.125 0.866 0.256	X03 0.893 0.933 0.066	Y03 60.22 80.8 92	Z03 60.22 -3.26 80.73	
04		B04 0.812 0.812 0.187	C04 72.05 44.76 92	D04 72.05 -1.8 44.72	E04 0.187 0.625 0.256	F04 0.784 0.812 0.187	G04 56.74 58.31 92	H04 56.74 -2.35 58.26			K04 0.695 0.695 0.304	L04 66.29 27.97 92	M04 66.29 -1.12 27.95	N04 0.187 0.39 0.256	O04 0.677 0.695 0.304	P04 53.35 36.44 92	Q04 53.35 -1.47 36.41			T04 0.895 0.895 0.104	U04 76.11 56.61 92	V04 76.11 -2.28 56.57	W04 0.187 0.79 0.256	X04 0.859 0.895 0.104	Y04 59.13 73.76 92	Z04 59.13 -2.97 73.7	
05		B05 0.75 0.75 0.25	C05 68.98 35.8 92	D05 68.98 -1.44 35.78	E05 0.25 0.5 0.256	F05 0.727 0.75 0.25	G05 54.93 46.65 92	H05 54.93 -1.88 46.61			K05 0.625 0.625 0.375	L05 62.84 17.9 92	M05 62.84 -0.72 17.89	N05 0.25 0.25 0.256	O05 0.613 0.625 0.375	P05 51.32 23.32 92	Q05 51.32 -0.94 23.3			T05 0.853 0.853 0.146	U05 74.06 50.64 92	V05 74.06 -2.04 50.6	W05 0.25 0.707 0.256	X05 0.821 0.853 0.146	Y05 57.92 65.97 92	Z05 57.92 -2.66 65.92	
06		B06 0.687 0.687 0.312	C06 65.91 26.85 92	D06 65.91 -1.08 26.83	E06 0.312 0.375 0.256	F06 0.67 0.687 0.312	G06 53.12 34.98 92	H06 53.12 -1.41 34.95			K06 0.57 0.57 0.429	L06 60.16 10.07 92	M06 60.16 -0.4 10.06	N06 0.312 0.14 0.256	O06 0.563 0.57 0.429	P06 49.74 13.12 92	Q06 49.74 -0.52 13.1			T06 0.806 0.806 0.193	U06 71.74 43.85 92	V06 71.74 -1.76 43.82	W06 0.312 0.612 0.256	X06 0.778 0.806 0.193	Y06 56.55 57.13 92	Z06 56.55 -2.3 57.08	
07		B07 0.625 0.625 0.375	C07 62.84 17.9 92	D07 62.84 -0.72 17.89	E07 0.375 0.25 0.256	F07 0.613 0.625 0.375	G07 51.32 23.32 92	H07 51.32 -0.94 23.3			K07 0.531 0.531 0.468	L07 58.24 4.47 92	M07 58.24 -0.18 4.47	N07 0.375 0.062 0.256	O07 0.528 0.531 0.468	P07 48.61 5.83 92	Q07 48.61 -0.23 5.82			T07 0.75 0.75 0.249	U07 68.98 35.8 92	V07 68.98 -1.44 35.78	W07 0.375 0.5 0.256	X07 0.727 0.75 0.249	Y07 54.93 46.65 92	Z07 54.93 -1.88 46.61	
08		B08 0.562 0.562 0.437	C08 59.77 8.95 92	D08 59.77 -0.36 8.94	E08 0.437 0.125 0.437	F08 0.556 0.562 0.437	G08 49.51 11.66 92	H08 49.51 -0.47 11.65			K08 0.507 0.507 0.492	L08 57.09 1.11 92	M08 57.09 -0.04 1.11	N08 0.437 0.015 0.256	O08 0.507 0.507 0.492	P08 47.93 1.45 92	Q08 47.93 -0.05 1.45			T08 0.676 0.676 0.323	U08 65.38 25.32 92	V08 65.38 -1.02 25.3	W08 0.437 0.353 0.256	X08 0.66 0.676 0.323	Y08 52.81 32.98 92	Z08 52.81 -1.33 32.96	
09		B09 0.5 0.5 0.5	C09 56.71 0.0 0	D09 56.71 0.0 0	E09 0.5 0.0 0	F09 0.5 0.5 0.5	G09 47.71 0.0 0	H09 47.71 0.0 0			K09 0.5 0.5 0.5	L09 56.71 0.0 0	M09 56.71 0.0 0	N09 0.5 0.0 0	O09 0.5 0.0 0.5	P09 47.71 0.0 0	Q09 47.71 0.0 0			T09 0.5 0.5 0.5	U09 56.71 0.0 0	V09 56.71 0.0 0	W09 0.5 0.001 0.0	X09 0.5 0.499 0.5	Y09 47.71 0.08 0	Z09 47.71 0.08 0	
10		B10 0.437 0.437 0.562	C10 53.44 5.81 271	D10 53.44 0.17 -5.8	E10 0.437 0.125 0.754	F10 0.441 0.437 0.562	G10 45.85 11.72 271	H10 45.85 0.35 -11.71			K10 0.492 0.492 0.507	L10 56.3 0.72 271	M10 56.3 0.02 -0.72	N10 0.437 0.015 0.754	O10 0.492 0.492 0.507	P10 47.47 1.46 271	Q10 47.47 0.04 -1.46			T10 0.323 0.323 0.676	U10 47.46 16.43 271	V10 47.46 0.49 -16.42	W10 0.437 0.353 0.754	X10 0.335 0.323 0.676	Y10 42.47 33.16 271	Z10 42.47 1.0 -33.14	
11		B11 0.375 0.375 0.625	C11 50.17 11.62 271	D11 50.17 0.35 -11.61	E11 0.375 0.25 0.754	F11 0.383 0.375 0.625	G11 44.0 23.45 271	H11 44.0 0.71 -23.43			K11 0.468 0.468 0.531	L11 55.07 2.9 271	M11 55.07 0.08 -2.9	N11 0.375 0.062 0.754	O11 0.47 0.468 0.531	P11 46.78 5.86 271	Q11 46.78 0.17 -5.85			T11 0.249 0.249 0.75	U11 43.63 23.24 271	V11 43.63 0.7 -23.23	W11 0.375 0.5 0.754	X11 0.267 0.249 0.75	Y11 40.3 46.9 271	Z11 40.3 1.42 -46.87	
12		B12 0.312 0.312 0.687	C12 46.9 17.43 271	D12 46.9 0.52 -17.42	E12 0.312 0.375 0.754	F12 0.325 0.312 0.687	G12 42.15 35.17 271	H12 42.15 1.06 -35.15			K12 0.429 0.429 0.57	L12 53.03 6.53 271	M12 53.03 0.19 -6.53	N12 0.312 0.14 0.754	O12 0.434 0.429 0.57	P12 45.62 13.19 271	Q12 45.62 0.4 -13.18			T12 0.193 0.193 0.806	U12 40.7 28.47 271	V12 40.7 0.86 -28.45	W12 0.312 0.612 0.754	X12 0.214 0.193 0.806	Y12 38.64 57.44 271	Z12 38.64 1.74 -57.41	
13		B13 0.25 0.25 0.75	C13 43.64 23.24 271	D13 43.64 0.25 -23.23	E13 0.25 0.5 0.754	F13 0.267 0.25 0.75	G13 40.3 46.9 271	H13 40.3 1.42 -46.87			K13 0.375 0.375 0.625	L13 50.17 11.62 271	M13 50.17 0.35 -11.61	N13 0.25 0.25 0.754	O13 0.383 0.375 0.625	P13 44.0 23.45 271	Q13 44.0 0.0 -23.43			T13 0.146 0.146 0.853	U13 38.22 32.87 271	V13 38.22 0.99 -32.85	W13 0.25 0.707 0.754	X13 0.17 0.146 0.853	Y13 37.24 66.32 271	Z13 37.24 2.01 -66.29	
14		B14 0.187 0.187 0.812	C14 40.37 29.05 271	D14 40.37 0.88 -29.04	E14 0.187 0.625 0.754	F14 0.209 0.187 0.812	G14 38.45 58.62 271	H14 38.45 1.77 -58.59			K14 0.304 0.304 0.695	L14 46.49 18.16 271	M14 46.49 0.55 -18.15	N14 0.187 0.39 0.754	O14 0.318 0.304 0.695	P14 41.92 36.64 271	Q14 41.92 1.11 -36.62			T14 0.104 0.104 0.895	U14 36.04 36.75 271	V14 36.04 1.11 -36.73	W14 0.187 0.79 0.754	X14 0.131 0.104 0.895	Y14 36.0 74.15 271	Z14 36.0 2.24 -74.12	
15		B15 0.125 0.125 0.875	C15 37.1 34.86 271	D15 37.1 1.05 -34.85	E15 0.125 0.75 0.754	F15 0.15 0.125 0.875	G15 36.6 70.35 271	H15 36.6 2.13 -70.31			K15 0.218 0.218 0.781	L15 42.0 26.15 271	M15 42.0 0.79 -26.13	N15 0.125 0.562 0.754	O15 0.238 0.238 0.781	P15 39.38 52.76 271	Q15 39.38 1.6 -52.73			T15 0.066 0.066 0.933	U15 34.07 40.26 271	V15 34.07 1.22 -40.24	W15 0.125 0.866 0.754	X15 0.096 0.066 0.933	Y15 34.88 81.23 271	Z15 34.88 2.46 -81.19	
16		B16 0.062 0.062 0.937	C16 33.83 40.67 271	D16 33.83 1.23 -40.66	E16 0.062 0.875 0.754	F16 0.092 0.062 0.937	G16 34.75 82.07 271	H16 34.75 2.48 -82.03			K16 0.117 0.117 0.882	L16 36.69 35.59 271	M16 36.69 1.07 -35.57	N16 0.062 0.765 0.754	O16 0.143 0.117 0.882	P16 36.37 71.81 271	Q16 36.37 1.6 -71.78			T16 0.032 0.032 0.967	U16 32.25 43.48 271	V16 32.25 1.31 -43.46	W16 0.062 0.935 0.754	X16 0.064 0.032 0.967	Y16 33.86 87.74 271	Z16 33.86 2.66 -87.7	
17		B17 0.0 0.0 1.0	C17 30.57 46.49 271	D17 30.57 1.41 -46.47	E17 0.0 1.0 0.754	F17 0.034 0.0 1.0	G17 32.9 93.8 271	H17 32.9 2.84 -93.75			K17 0.0 0.0 1.0	L17 30.57 46.49 271	M17 30.57 1.41 -46.47	N17 0.0 1.0 0.754	O17 0.034 0.0 1.0	P17 32.9 93.8 271	Q17 32.9 2.84 -93.75			T17 0.0 0.0 1.0	U17 30.56 46.49 271	V17 30.56 1.41 -46.47	W17 0.0 1.0 0.754	X17 0.034 0.0 1.0	Y17 32.9 93.8 271	Z17 32.9 2.84 -93.75	
VB		CIE18a			$c_t^* = c^*$	NLS00a					CIE18a			$c_t^* = c^{*0.5}$	NLS00a					CIE18a			$c_t^* = c^{*2}$	NLS00a			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a				
L/G		rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a					
01		B01 0.0 1.0 1.0	C01 52.23 44.54 162	D01 52.23 -42.42 13.6	E01 0.0 1.0 0.45	F01 0.0 1.0 0.222	G01 38.88 86.76 162	H01 38.88 -82.62 26.48			K01 0.0 1.0 0.0	L01 52.23 44.54 162	M01 52.23 -42.42 13.6	N01 0.0 1.0 0.45	O01 0.0 1.0 0.222	P01 38.88 86.76 162	Q01 38.88 -82.62 26.48			T01 0.0 1.0 0.0	U01 52.22 44.54 162	V01 52.22 -42.42 13.6	W01 0.0 1.0 0.45	X01 0.0 1.0 0.222	Y01 38.88 86.76 162	Z01 38.88 -82.62 26.48					
02		B02 0.062 0.937 0.062	C02 52.79 38.97 162	D02 52.79 -37.11 11.9	E02 0.062 0.875 0.45	F02 0.062 0.937 0.257	G02 39.98 75.91 162	H02 39.98 -72.29 23.17			K02 0.117 0.882 0.117	L02 53.28 34.1 162	M02 53.28 -32.47 10.41	N02 0.062 0.765 0.45	O02 0.117 0.882 0.287	P02 40.94 66.42 162	Q02 40.94 -63.25 20.28			T02 0.032 0.967 0.032	U02 52.51 41.66 162	V02 52.51 -39.68 12.72	W02 0.062 0.935 0.45	X02 0.032 0.967 0.24	Y02 39.45 81.15 162	Z02 39.45 -77.28 24.77					
03		B03 0.125 0.875 0.125	C03 53.35 33.41 162	D03 53.35 -31.81 10.2	E03 0.125 0.75 0.45	F03 0.125 0.875 0.291	G03 41.08 65.07 162	H03 41.08 -61.96 19.86			K03 0.218 0.781 0.218	L03 54.19 25.05 162	M03 54.19 -23.86 7.65	N03 0.125 0.562 0.45	O03 0.218 0.781 0.343	P03 42.74 48.8 162	Q03 42.74 -46.47 14.89			T03 0.066 0.933 0.066	U03 52.83 38.57 162	V03 52.83 -36.73 11.77	W03 0.125 0.866 0.45	X03 0.066 0.933 0.259	Y03 40.06 75.13 162	Z03 40.06 -71.55 22.93					
04		B04 0.187 0.812 0.187	C04 53.91 27.84 162	D04 53.91 -26.51 8.5	E04 0.187 0.625 0.45	F04 0.187 0.812 0.326	G04 42.19 54.22 162	H04 42.19 -51.63 16.55			K04 0.304 0.695 0.304	L04 54.96 17.4 162	M04 54.96 -16.57 5.31	N04 0.187 0.39 0.45	O04 0.304 0.695 0.391	P04 44.26 33.89 162	Q04 44.26 -32.27 10.34			T04 0.104 0.895 0.104	U04 53.16 35.21 162	V04 53.16 -33.53 10.75	W04 0.187 0.79 0.45	X04 0.104 0.895 0.28	Y04 40.72 68.59 162	Z04 40.72 -65.31 20.94					
05		B05 0.25 0.75 0.25	C05 54.47 22.27 162	D05 54.47 -21.21 6.8	E05 0.25 0.5 0.45	F05 0.25 0.75 0.361	G05 43.29 43.38 162	H05 43.29 -41.31 13.24			K05 0.375 0.625 0.375	L05 55.59 11.13 162	M05 55.59 -10.6 3.4	N05 0.25 0.25 0.45	O05 0.375 0.625 0.43	P05 45.5 21.69 162	Q05 45.5 -20.65 6.62			T05 0.146 0.853 0.146	U05 53.54 31.49 162	V05 53.54 -29.99 9.61	W05 0.25 0.707 0.45	X05 0.146 0.853 0.303	Y05 41.46 61.35 162	Z05 41.46 -58.42 18.73					
06		B06 0.312 0.687 0.312	C06 55.03 16.7 162	D06 55.03 -15.9 5.1	E06 0.312 0.375 0.45	F06 0.312 0.375 0.395	G06 44.39 32.53 162	H06 44.39 -30.98 9.93			K06 0.429 0.57 0.429	L06 56.08 6.26 162	M06 56.08 -5.96 1.91	N06 0.312 0.14 0.45	O06 0.429 0.57 0.46	P06 46.46 12.2 162	Q06 46.46 -11.61 3.72			T06 0.193 0.806 0.193	U06 53.96 27.27 162	V06 53.96 -25.97 8.32	W06 0.312 0.612 0.45	X06 0.193 0.806 0.329	Y06 42.3 53.13 162	Z06 42.3 -50.59 16.22					
07		B07 0.375 0.625 0.375	C07 55.59 11.13 162	D07 55.59 -10.6 3.4	E07 0.375 0.25 0.45	F07 0.375 0.625 0.43	G07 45.5 21.69 162	H07 45.5 -20.65 6.62			K07 0.468 0.531 0.468	L07 56.43 2.78 162	M07 56.43 -2.65 0.85	N07 0.375 0.062 0.45	O07 0.468 0.531 0.482	P07 47.15 5.42 162	Q07 47.15 -5.16 1.65			T07 0.249 0.75 0.249	U07 54.46 22.27 162	V07 54.46 -21.21 6.8	W07 0.375 0.5 0.45	X07 0.249 0.75 0.361	Y07 43.29 43.38 162	Z07 43.29 -41.31 13.24					
08		B08 0.437 0.562 0.437	C08 56.15 5.56 162	D08 56.15 -5.3 1.7	E08 0.437 0.125 0.45	F08 0.437 0.562 0.465	G08 46.6 10.84 162	H08 46.6 -10.32 3.31			K08 0.492 0.507 0.492	L08 56.64 0.69 162	M08 56.64 -0.66 0.21	N08 0.437 0.015 0.45	O08 0.492 0.507 0.495	P08 47.57 1.35 162	Q08 47.57 -1.29 0.41			T08 0.323 0.676 0.323	U08 55.12 15.74 162	V08 55.12 -14.99 4.8	W08 0.437 0.353 0.45	X08 0.323 0.676 0.401	Y08 44.58 30.67 162	Z08 44.58 -29.21 9.36					
09		B09 0.5 0.5 0.5	C09 56.71 0.0 0.0	D09 56.71 0.0 0.0	E09 0.5 0.0 0.0	F09 0.5 0.5 0.5	G09 47.71 0.0 0.0	H09 47.71 0.0 0.0			K09 0.5 0.5 0.5	L09 56.71 0.0 0.0	M09 56.71 0.0 0.0	N09 0.5 0.0 0.0	O09 0.5 0.5 0.5	P09 47.71 0.0 0.0	Q09 47.71 0.0 0.0			T09 0.5 0.5 0.5	U09 56.71 0.0 0.0	V09 56.71 0.0 0.0	W09 0.5 0.001 0.0	X09 0.5 0.499 0.5	Y09 47.71 0.08 0.0	Z09 47.71 0.08 0.0					
10		B10 0.562 0.437 0.562	C10 53.92 3.7 328	D10 53.92 3.16 -1.92	E10 0.437 0.125 0.912	F10 0.559 0.437 0.562	G10 49.58 11.76 328	H10 49.58 10.04 -6.12			K10 0.507 0.492 0.507	L10 56.36 0.46 328	M10 56.36 0.39 -0.24	N10 0.437 0.015 0.912	O10 0.507 0.492 0.507	P10 47.94 1.47 328	Q10 47.94 1.25 -0.76			T10 0.676 0.323 0.676	U10 48.84 10.47 328	V10 48.84 8.94 -5.45	W10 0.437 0.353 0.912	X10 0.667 0.323 0.676	Y10 53.02 33.27 328	Z10 53.02 28.41 -17.32					
11		B11 0.625 0.375 0.625	C11 51.14 7.4 328	D11 51.14 6.32 -3.85	E11 0.375 0.25 0.912	F11 0.618 0.375 0.625	G11 51.46 23.53 328	H11 51.46 20.08 -12.25			K11 0.531 0.468 0.531	L11 55.31 1.85 328	M11 55.31 1.58 -0.96	N11 0.375 0.062 0.912	O11 0.529 0.468 0.531	P11 48.64 5.88 328	Q11 48.64 5.02 -3.06			T11 0.75 0.249 0.75	U11 45.58 14.81 328	V11 45.58 12.65 -7.71	W11 0.375 0.5 0.912	X11 0.736 0.249 0.75	Y11 55.22 47.06 328	Z11 55.22 -20.17 40.45					
12		B12 0.687 0.312 0.687	C12 48.36 11.11 328	D12 48.36 9.48 -5.78	E12 0.312 0.375 0.912	F12 0.677 0.312 0.687	G12 53.34 35.29 328	H12 53.34 30.13 -18.37			K12 0.57 0.429 0.57	L12 53.58 4.16 328	M12 53.58 3.55 -2.16	N12 0.312 0.14 0.912	O12 0.566 0.429 0.57	P12 49.82 13.23 328	Q12 49.82 11.3 -6.89			T12 0.806 0.193 0.806	U12 43.08 18.14 328	V12 43.08 15.49 -9.44	W12 0.312 0.612 0.912	X12 0.789 0.193 0.806	Y12 56.91 57.63 328	Z12 56.91 49.2 -30.01					
13		B13 0.75 0.25 0.75	C13 45.58 14.81 328	D13 45.58 12.65 -7.71	E13 0.25 0.5 0.912	F13 0.736 0.25 0.75	G13 55.22 47.06 328	H13 55.22 40.17 -24.5			K13 0.625 0.375 0.625	L13 51.14 7.4 328	M13 51.14 6.32 -3.85	N13 0.25 0.25 0.912	O13 0.618 0.375 0.625	P13 51.46 23.53 328	Q13 51.46 20.08 -12.25			T13 0.853 0.146 0.853	U13 40.97 20.95 328	V13 40.97 17.88 -10.91	W13 0.25 0.707 0.912	X13 0.834 0.146 0.853	Y13 58.33 66.55 328	Z13 58.33 56.82 -34.65					
14		B14 0.812 0.187 0.812	C14 42.8 18.52 328	D14 42.8 15.81 -9.64	E14 0.187 0.625 0.912	F14 0.795 0.187 0.812	G14 57.1 58.82 328	H14 57.1 50.22 -30.62			K14 0.695 0.304 0.695	L14 48.01 11.57 328	M14 48.01 9.88 -6.02	N14 0.187 0.39 0.912	O14 0.684 0.304 0.695	P14 53.58 36.76 328	Q14 53.58 31.38 -19.14			T14 0.895 0.104 0.895	U14 39.11 23.42 328	V14 39.11 20.0 -12.19	W14 0.187 0.79 0.912	X14 0.873 0.104 0.895	Y14 59.59 74.4 328	Z14 59.59 63.52 -38.74					
15		B15 0.875 0.125 0.875	C15 40.02 22.22 328	D15 40.02 18.97 -11.57	E15 0.125 0.75 0.912	F15 0.854 0.125 0.875	G15 58.98 70.59 328	H15 58.98 60.26 -36.75			K15 0.781 0.218 0.781	L15 44.19 16.66 328	M15 44.19 14.23 -8.67	N15 0.125 0.562 0.912	O15 0.765 0.218 0.781	P15 56.16 52.94 328	Q15 56.16 45.2 -27.56			T15 0.933 0.066 0.933	U15 37.44 25.66 328	V15 37.44 21.91 -13.36	W15 0.125 0.866 0.912	X15 0.909 0.066 0.933	Y15 60.72 81.51 328	Z15 60.72 69.58 -42.44					
16		B16 0.937 0.062 0.937	C16 37.24 25.92 328	D16 37.24 22.13 -13.5	E16 0.062 0.875 0.912	F16 0.913 0.062 0.937	G16 60.85 82.35 328	H16 60.85 70.31 -42.88			K16 0.882 0.117 0.882	L16 39.67 22.68 328	M16 39.67 19.37 -11.81	N16 0.062 0.765 0.912	O16 0.861 0.117 0.882	P16 59.21 72.06 328	Q16 59.21 61.52 -37.52			T16 0.967 0.032 0.967	U16 35.89 27.72 328	V16 35.89 23.66 -14.43	W16 0.062 0.935 0.912	X16 0.942 0.032 0.967	Y16 61.76 88.04 328	Z16 61.76 75.16 -45.84					
17		B17 1.0 0.0 1.0	C17 34.46 29.63 328	D17 34.46 25.3 -15.43	E17 0.0 1.0 0.912	F17 0.972 0.0 1.0	G17 62.73 94.12 328	H17 62.73 80.35 -49.0			K17 1.0 0.0 1.0	L17 34.46 29.63 328	M17 34.46 25.3 -15.43	N17 0.0 1.0 0.912	O17 0.972 0.0 1.0	P17 62.73 94.12 328	Q17 62.73 80.35 -49.0			T17 1.0 0.0 1.0	U17 34.45 29.63 328	V17 34.45 25.3 -15.43	W17 0.0 1.0 0.912	X17 0.972 0.0 1.0	Y17 62.73 94.12 328	Z17 62.73 80.35 -49.0					
M/M		CIE18a				$c_t^* = c^*$	NLS00a					CIE18a				$c_t^* = c^{*0.5}$	NLS00a					CIE18a				$c_t^* = c^{*2}$	NLS00a				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a
R/R	rgb* ₃	LCH* _a	LAB* _a	nhc* ₁	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nhc* ₁	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nhc* ₁	olv* ₃	LCH* _a	LAB* _a		
01	B01	C01	D01	E01	F01	G01	H01			K01	L01	M01	N01	O01	P01	Q01			T01	U01	V01	W01	X01	Y01	Z01		
	1.0	39.91	39.91	0.0	1.0	39.92	39.92			1.0	39.91	39.91	0.0	1.0	39.92	39.92			1.0	39.91	39.91	0.0	1.0	39.91	39.91		
	0.0	65.06	58.74	1.0	0.0	65.06	58.73			0.0	65.06	58.74	1.0	0.0	65.06	58.73			0.0	65.06	58.74	1.0	0.0	65.06	58.74		
	0.0	25	27.99	0.07	0.0	25	27.99			0.0	25	27.99	0.07	0.0	25	27.99			0.0	25	27.99	0.07	0.0	25	27.99		
02	B02	C02	D02	E02	F02	G02	H02			K02	L02	M02	N02	O02	P02	Q02			T02	U02	V02	W02	X02	Y02	Z02		
	0.937	42.01	42.01	0.062	0.937	42.01	42.01			0.882	43.85	43.85	0.062	0.882	43.85	43.85			0.967	41.0	41.0	0.062	0.967	41.0	41.0		
	0.062	56.93	51.39	0.875	0.062	56.93	51.39			0.117	49.81	44.97	0.765	0.117	49.81	44.97			0.032	60.86	54.94	0.935	0.032	60.86	54.94		
	0.062	25	24.49	0.07	0.062	25	24.49			0.117	25	21.42	0.07	0.117	25	21.42			0.032	25	26.18	0.07	0.032	25	26.18		
03	B03	C03	D03	E03	F03	G03	H03			K03	L03	M03	N03	O03	P03	Q03			T03	U03	V03	W03	X03	Y03	Z03		
	0.875	44.11	44.11	0.125	0.875	44.11	44.11			0.781	47.26	47.26	0.125	0.781	47.26	47.26			0.933	42.16	42.16	0.125	0.933	42.16	42.16		
	0.125	48.8	44.05	0.75	0.125	48.8	44.05			0.218	36.6	33.04	0.562	0.218	36.6	33.04			0.066	56.35	50.87	0.866	0.066	56.35	50.87		
	0.125	25	20.99	0.07	0.125	25	20.99			0.218	25	15.74	0.07	0.218	25	15.74			0.066	25	24.24	0.07	0.066	25	24.24		
04	B04	C04	D04	E04	F04	G04	H04			K04	L04	M04	N04	O04	P04	Q04			T04	U04	V04	W04	X04	Y04	Z04		
	0.812	46.21	46.21	0.187	0.812	46.21	46.21			0.695	50.15	50.15	0.187	0.695	50.15	50.15			0.895	43.43	43.43	0.187	0.895	43.43	43.43		
	0.187	40.66	36.71	0.625	0.187	40.66	36.71			0.304	25.41	22.94	0.39	0.304	25.41	22.94			0.104	51.44	46.43	0.79	0.104	51.44	46.43		
	0.187	25	17.49	0.07	0.187	25	17.49			0.304	25	10.93	0.07	0.304	25	10.93			0.104	25	22.12	0.07	0.104	25	22.12		
05	B05	C05	D05	E05	F05	G05	H05			K05	L05	M05	N05	O05	P05	Q05			T05	U05	V05	W05	X05	Y05	Z05		
	0.75	48.31	48.31	0.25	0.75	48.31	48.31			0.625	52.51	52.51	0.25	0.625	52.51	52.51			0.853	44.83	44.83	0.25	0.853	44.83	44.83		
	0.25	32.53	29.37	0.5	0.25	32.53	29.36			0.375	16.26	14.68	0.25	0.375	16.26	14.68			0.146	46.0	41.53	0.707	0.146	46.0	41.53		
	0.25	25	13.99	0.07	0.25	25	13.99			0.375	25	6.99	0.07	0.375	25	6.99			0.146	25	19.79	0.07	0.146	25	19.79		
06	B06	C06	D06	E06	F06	G06	H06			K06	L06	M06	N06	O06	P06	Q06			T06	U06	V06	W06	X06	Y06	Z06		
	0.687	50.41	50.41	0.312	0.687	50.41	50.41			0.57	54.34	54.34	0.312	0.57	54.34	54.34			0.806	46.42	46.42	0.312	0.806	46.42	46.42		
	0.312	24.4	22.02	0.375	0.312	24.4	22.02			0.429	9.15	8.26	0.14	0.429	9.15	8.26			0.193	39.84	35.97	0.612	0.193	39.84	35.97		
	0.312	25	10.49	0.07	0.312	25	10.49			0.429	25	3.93	0.07	0.429	25	3.93			0.193	25	17.14	0.07	0.193	25	17.14		
07	B07	C07	D07	E07	F07	G07	H07			K07	L07	M07	N07	O07	P07	Q07			T07	U07	V07	W07	X07	Y07	Z07		
	0.625	52.51	52.51	0.375	0.625	52.51	52.51			0.531	55.66	55.66	0.375	0.531	55.66	55.66			0.75	48.31	48.31	0.375	0.75	48.31	48.31		
	0.375	16.26	14.68	0.25	0.375	16.26	14.68			0.468	4.06	3.67	0.062	0.468	4.06	3.67			0.249	32.53	29.37	0.5	0.249	32.53	29.37		
	0.375	25	6.99	0.07	0.375	25	6.99			0.468	25	1.74	0.07	0.468	25	1.74			0.249	25	13.99	0.07	0.249	25	13.99		
08	B08	C08	D08	E08	F08	G08	H08			K08	L08	M08	N08	O08	P08	Q08			T08	U08	V08	W08	X08	Y08	Z08		
	0.562	54.61	54.61	0.437	0.562	54.61	54.61			0.507	56.44	56.44	0.437	0.507	56.44	56.44			0.676	50.77	50.77	0.437	0.676	50.77	50.77		
	0.437	8.13	7.34	0.125	0.437	8.13	7.34			0.492	1.01	0.91	0.015	0.492	1.01	0.91			0.323	23.0	20.76	0.353	0.323	23.0	20.76		
	0.437	25	3.49	0.07	0.437	25	3.49			0.492	25	0.43	0.07	0.492	25	0.43			0.323	25	9.89	0.07	0.323	25	9.89		
09	B09	C09	D09	E09	F09	G09	H09			K09	L09	M09	N09	O09	P09	Q09			T09	U09	V09	W09	X09	Y09	Z09		
	0.5	56.71	56.71	0.5	0.5	56.71	56.71			0.5	56.71	56.71	0.5	0.5	56.71	56.71			0.5	56.71	56.71	0.5	0.5	56.71	56.71		
	0.5	0.0	0.0	0.0	0.5	0.0	0.0			0.5	0.0	0.0	0.0	0.5	0.0	0.0			0.5	0.0	0.0	0.001	0.499	0.03	0.03		
	0.5	0	0.0	0.0	0.5	0.0	0.0			0.5	0	0.0	0.0	0.5	0.0	0.0			0.5	0	0.0	0.0	0.5	0.0	0.0		
10	B10	C10	D10	E10	F10	G10	H10			K10	L10	M10	N10	O10	P10	Q10			T10	U10	V10	W10	X10	Y10	Z10		
	0.437	54.82	54.82	0.437	0.437	54.82	54.82			0.492	56.47	56.47	0.437	0.492	56.47	56.47			0.323	51.37	51.37	0.437	0.323	51.37	51.37		
	0.562	3.28	-2.62	0.125	0.562	3.28	-2.62			0.507	0.41	-0.32	0.015	0.507	0.41	-0.32			0.676	9.28	-7.41	0.353	0.676	9.28	-7.41		
	0.562	216	-1.97	0.602	0.562	216	-1.97			0.507	216	-0.24	0.602	0.507	216	-0.24			0.676	216	-5.58	0.602	0.676	216	-5.58		
11	B11	C11	D11	E11	F11	G11	H11			K11	L11	M11	N11	O11	P11	Q11			T11	U11	V11	W11	X11	Y11	Z11		
	0.375	52.94	52.94	0.375	0.375	52.94	52.94			0.468	55.76	55.76	0.375	0.468	55.76	55.76			0.249	49.16	49.16	0.375	0.249	49.16	49.16		
	0.625	6.56	-5.24	0.25	0.625	6.56	-5.24			0.531	1.64	-1.31	0.062	0.531	1.64	-1.31			0.75	13.12	-10.48	0.5	0.75	13.12	-10.48		
	0.625	216	-3.94	0.602	0.625	216	-3.94			0.531	216	-0.98	0.602	0.531	216	-0.98			0.75	216	-7.89	0.602	0.75	216	-7.89		
12	B12	C12	D12	E12	F12	G12	H12			K12	L12	M12	N12	O12	P12	Q12			T12	U12	V12	W12	X12	Y12	Z12		
	0.312	51.05	51.05	0.312	0.312	51.05	51.05			0.429	54.58	54.58	0.312	0.429	54.58	54.58			0.193	47.47	47.47	0.312	0.193	47.47	47.47		
	0.687	9.84	-7.86	0.375	0.687	9.84	-7.86			0.57	3.69	-2.94	0.14	0.57	3.69	-2.94			0.806	16.07	-12.84	0.612	0.806	16.07	-12.84		
	0.687	216	-5.92	0.602	0.687	216	-5.92			0.57	216	-2.22	0.602	0.57	216	-2.22			0.806	216	-9.66	0.602	0.806	216	-9.66		
13	B13	C13	D13	E13	F13	G13	H13			K13	L13	M13	N13	O13	P13	Q13			T13	U13	V13	W13	X13	Y13	Z13		
	0.25	49.17	49.17	0.25	0.25	49.17	49.17			0.375	52.94	52.94	0.25	0.375	52.94	52.94			0.146	46.04	46.04	0.25	0.146	46.04	46.04		
	0.75	13.12	-10.48	0.5	0.75	13.12	-10.48			0.625	6.56	-5.24	0.25	0.625	6.56	-5.24			0.853	18.56	-14.82	0.853	0.853	18.56	-14.82		
	0.75	216	-7.89	0.602	0.75	216	-7.89			0.625	216	-3.94	0.602	0.625	216	-3.94			0.853	216	-11.16	0.602	0.853	216	-11.16		
14	B14	C14	D14	E14	F14	G14	H14			K14	L14	M14	N14	O14	P14	Q14			T14	U14	V14	W14	X14	Y14	Z14		
	0.187	47.28	47.28	0.187	0.187	47.28	47.28			0.304	50.81	50.81	0.187	0.304	50.81	50.81			0.104	44.78	44.78	0.187	0.104	44.78	44.78		
	0.812	16.4	-13.1	0.625	0.812	16.4																					

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a
J/J		rgb*_3	LCH*_a	LAB*_a	nch*_a	olv*_3	LCH*_a	LAB*_a			rgb*_3	LCH*_a	LAB*_a	nch*_a	olv*_3	LCH*_a	LAB*_a			rgb*_3	LCH*_a	LAB*_a	nch*_a	olv*_3	LCH*_a	LAB*_a	
01		B01	C01	D01	E01	F01	G01	H01			K01	L01	M01	N01	O01	P01	Q01			T01	U01	V01	W01	X01	Y01	Z01	
		1.0	81.26	81.26	0.0	1.0	81.26	81.26			1.0	81.26	81.26	0.0	1.0	81.26	81.26			1.0	81.26	81.26	0.0	1.0	81.26	81.26	
		1.0	71.61	-2.89	1.0	1.0	71.61	-2.89			1.0	71.61	-2.89	1.0	1.0	71.61	-2.89			1.0	71.61	-2.89	1.0	1.0	71.61	-2.89	
		0.0	92	71.56	0.256	0.0	92	71.56			0.0	92	71.56	0.256	0.0	92	71.56			0.0	92	71.56	0.256	0.0	92	71.56	
02		B02	C02	D02	E02	F02	G02	H02			K02	L02	M02	N02	O02	P02	Q02			T02	U02	V02	W02	X02	Y02	Z02	
		0.937	78.19	78.19	0.062	0.937	78.19	78.19			0.882	75.5	75.5	0.062	0.882	75.5	75.5			0.967	79.67	79.67	0.062	0.967	79.67	79.67	
		0.937	62.66	-2.52	0.875	0.937	62.66	-2.52			0.882	54.83	-2.21	0.765	0.882	54.83	-2.21			0.967	66.99	-2.7	0.935	0.967	66.99	-2.7	
		0.062	92	62.61	0.256	0.062	92	62.61			0.117	92	54.78	0.256	0.117	92	54.78			0.032	92	66.93	0.256	0.032	92	66.93	
03		B03	C03	D03	E03	F03	G03	H03			K03	L03	M03	N03	O03	P03	Q03			T03	U03	V03	W03	X03	Y03	Z03	
		0.875	75.12	75.12	0.125	0.875	75.12	75.12			0.781	70.51	70.51	0.125	0.781	70.51	70.51			0.933	77.97	77.97	0.125	0.933	77.97	77.97	
		0.875	53.71	-2.16	0.75	0.875	53.71	-2.16			0.781	40.28	-1.62	0.562	0.781	40.28	-1.62			0.933	62.02	-2.5	0.866	0.933	62.02	-2.5	
		0.125	92	53.67	0.256	0.125	92	53.67			0.218	92	40.25	0.256	0.218	92	40.25			0.066	92	61.97	0.256	0.066	92	61.97	
04		B04	C04	D04	E04	F04	G04	H04			K04	L04	M04	N04	O04	P04	Q04			T04	U04	V04	W04	X04	Y04	Z04	
		0.812	72.05	72.05	0.187	0.812	72.05	72.05			0.695	66.29	66.29	0.187	0.695	66.29	66.29			0.895	76.11	76.11	0.187	0.895	76.11	76.11	
		0.812	44.76	-1.8	0.625	0.812	44.76	-1.8			0.695	27.97	-1.12	0.39	0.695	27.97	-1.12			0.895	56.61	-2.28	0.79	0.895	56.61	-2.28	
		0.187	92	44.72	0.256	0.187	92	44.72			0.304	92	27.95	0.256	0.304	92	27.95			0.104	92	56.57	0.256	0.104	92	56.57	
05		B05	C05	D05	E05	F05	G05	H05			K05	L05	M05	N05	O05	P05	Q05			T05	U05	V05	W05	X05	Y05	Z05	
		0.75	68.98	68.98	0.25	0.75	68.98	68.98			0.625	62.84	62.84	0.25	0.625	62.84	62.84			0.853	74.06	74.06	0.25	0.853	74.06	74.06	
		0.75	35.8	-1.44	0.5	0.75	35.8	-1.44			0.625	17.9	-0.72	0.25	0.625	17.9	-0.72			0.853	50.64	-2.04	0.707	0.853	50.64	-2.04	
		0.25	92	35.78	0.256	0.25	92	35.78			0.375	92	17.89	0.256	0.375	92	17.89			0.146	92	50.6	0.256	0.146	92	50.6	
06		B06	C06	D06	E06	F06	G06	H06			K06	L06	M06	N06	O06	P06	Q06			T06	U06	V06	W06	X06	Y06	Z06	
		0.687	65.91	65.91	0.312	0.687	65.91	65.91			0.57	60.16	60.16	0.312	0.57	60.16	60.16			0.806	71.74	71.74	0.312	0.806	71.74	71.74	
		0.687	26.85	-1.08	0.375	0.687	26.85	-1.08			0.57	10.07	-0.4	0.14	0.57	10.07	-0.4			0.806	43.85	-1.76	0.612	0.806	43.85	-1.76	
		0.312	92	26.83	0.256	0.312	92	26.83			0.429	92	10.06	0.256	0.429	92	10.06			0.193	92	43.82	0.256	0.193	92	43.82	
07		B07	C07	D07	E07	F07	G07	H07			K07	L07	M07	N07	O07	P07	Q07			T07	U07	V07	W07	X07	Y07	Z07	
		0.625	62.84	62.84	0.375	0.625	62.84	62.84			0.531	58.24	58.24	0.375	0.531	58.24	58.24			0.75	68.98	68.98	0.375	0.75	68.98	68.98	
		0.625	17.9	-0.72	0.25	0.625	17.9	-0.72			0.531	4.47	-0.18	0.062	0.531	4.47	-0.18			0.75	35.8	-1.44	0.5	0.75	35.8	-1.44	
		0.375	92	17.89	0.256	0.375	92	17.89			0.468	92	4.47	0.256	0.468	92	4.47			0.249	92	35.78	0.256	0.249	92	35.78	
08		B08	C08	D08	E08	F08	G08	H08			K08	L08	M08	N08	O08	P08	Q08			T08	U08	V08	W08	X08	Y08	Z08	
		0.562	59.77	59.77	0.437	0.562	59.77	59.77			0.507	57.09	57.09	0.437	0.507	57.09	57.09			0.676	65.38	65.38	0.437	0.676	65.38	65.38	
		0.562	8.95	-0.36	0.125	0.562	8.95	-0.36			0.507	1.11	-0.04	0.015	0.507	1.11	-0.04			0.676	25.32	-1.02	0.533	0.676	25.32	-1.02	
		0.437	92	8.94	0.256	0.437	92	8.94			0.492	92	1.11	0.256	0.492	92	1.11			0.323	92	25.3	0.256	0.323	92	25.3	
09		B09	C09	D09	E09	F09	G09	H09			K09	L09	M09	N09	O09	P09	Q09			T09	U09	V09	W09	X09	Y09	Z09	
		0.5	56.71	56.71	0.5	0.5	56.71	56.71			0.5	56.71	56.71	0.5	0.5	56.71	56.71			0.5	56.71	56.71	0.5	0.5	56.71	56.71	
		0.5	0.0	0.0	0.0	0.5	0.0	0.0			0.5	0.0	0.0	0.0	0.5	0.0	0.0			0.5	0.0	0.0	0.001	0.499	0.03	0.03	
		0.5	0	0.0	0.0	0.5	360	0.0			0.5	0	0.0	0.0	0.5	360	0.0			0.5	0	0.0	0.0	0.5	360	0.0	
10		B10	C10	D10	E10	F10	G10	H10			K10	L10	M10	N10	O10	P10	Q10			T10	U10	V10	W10	X10	Y10	Z10	
		0.437	53.44	53.44	0.437	0.437	53.44	53.44			0.492	56.3	56.3	0.437	0.492	56.3	56.3			0.323	47.46	47.46	0.437	0.323	47.46	47.46	
		0.437	5.81	0.17	0.125	0.437	5.81	0.17			0.492	0.72	0.02	0.015	0.492	0.72	0.02			0.323	16.43	0.49	0.353	0.323	16.43	0.49	
		0.562	271	-5.8	0.754	0.562	271	-5.8			0.507	271	-0.72	0.754	0.507	271	-0.72			0.676	271	-16.42	0.754	0.676	271	-16.42	
11		B11	C11	D11	E11	F11	G11	H11			K11	L11	M11	N11	O11	P11	Q11			T11	U11	V11	W11	X11	Y11	Z11	
		0.375	50.17	50.17	0.375	0.375	50.17	50.17			0.468	55.07	55.07	0.375	0.468	55.07	55.07			0.249	43.63	43.63	0.375	0.249	43.63	43.63	
		0.375	11.62	0.35	0.25	0.375	11.62	0.35			0.468	2.9	0.08	0.062	0.468	2.9	0.08			0.249	23.24	0.7	0.5	0.249	23.24	0.7	
		0.625	271	-11.61	0.754	0.625	271	-11.61			0.531	271	-2.9	0.754	0.531	271	-2.9			0.75	271	-23.23	0.754	0.75	271	-23.23	
12		B12	C12	D12	E12	F12	G12	H12			K12	L12	M12	N12	O12	P12	Q12			T12	U12	V12	W12	X12	Y12	Z12	
		0.312	46.9	46.9	0.312	0.312	46.9	46.9			0.429	53.03	53.03	0.312	0.429	53.03	53.03			0.193	40.7	40.7	0.312	0.193	40.7	40.7	
		0.312	17.43	0.52	0.375	0.312	17.43	0.52			0.429	6.53	0.19	0.14	0.429	6.53	0.19			0.193	28.47	0.86	0.612	0.193	28.47	0.86	
		0.687	271	-17.42	0.754	0.687	271	-17.42			0.57	271	-6.53	0.754	0.57	271	-6.53			0.806	271	-28.45	0.754	0.806	271	-28.45	
13		B13	C13	D13	E13	F13	G13	H13			K13	L13	M13	N13	O13	P13	Q13			T13	U13	V13	W13	X13	Y13	Z13	
		0.25	43.64	43.64	0.25	0.25	43.64	43.64			0.375	50.17	50.17	0.25	0.375	50.17	50.17			0.146	38.22	38.22	0.25	0.146	38.22	38.22	
		0.25	23.24	0.7	0.5	0.25	23.24	0.7			0.375	11.62	0.35	0.25	0.375	11.62	0.35			0.146	32.87	0.99	0.707	0.146	32.87	0.99	
		0.75	271	-23.23	0.754	0.75	271	-23.23			0.625	271	-11.61	0.754	0.625	271	-11.61			0.853	271	-32.85	0.754	0.853	271	-32.85	
14		B14	C14	D14	E14	F14	G14	H14			K14	L14	M14	N14	O14	P14	Q14			T14	U14	V14	W14	X14	Y14	Z14	
		0.187	40.37	40.37	0.187	0.187	40.37	40.37			0.304	46.49	46.49	0.187	0.304	46.49	46.49			0.104	36.04	36.04	0.187				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a
G/G		rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _a	olv* ₃	LCH* _a	LAB* _a	
01		B01	C01	D01	E01	F01	G01	H01			K01	L01	M01	N01	O01	P01	Q01			T01	U01	V01	W01	X01	Y01	Z01	
	0.0	52.23	52.23	52.23	0.0	0.0	52.23	52.23			0.0	52.23	52.23	0.0	0.0	52.23	52.23			0.0	52.22	52.22	0.0	0.0	52.22	52.22	
	1.0	44.54	-42.42	1.0	1.0	1.0	44.54	-42.42			1.0	44.54	-42.42	1.0	1.0	44.54	-42.42			1.0	44.54	-42.42	1.0	1.0	44.54	-42.42	
	0.0	162	13.6	0.45	0.0	0.0	162	13.6			0.0	162	13.6	0.45	0.0	162	13.6			0.0	162	13.6	0.45	0.0	162	13.6	
02		B02	C02	D02	E02	F02	G02	H02			K02	L02	M02	N02	O02	P02	Q02			T02	U02	V02	W02	X02	Y02	Z02	
	0.062	52.79	52.79	0.062	0.062	0.062	52.79	52.79			0.117	53.28	53.28	0.062	0.117	53.28	53.28			0.032	52.51	52.51	0.062	0.032	52.51	52.51	
	0.937	38.97	-37.11	0.875	0.937	0.937	38.97	-37.11			0.882	34.1	-32.47	0.765	0.882	34.1	-32.47			0.967	41.66	-39.68	0.935	0.967	41.66	-39.68	
	0.062	162	11.9	0.45	0.062	0.062	162	11.9			0.117	162	10.41	0.45	0.117	162	10.41			0.032	162	12.72	0.45	0.032	162	12.72	
03		B03	C03	D03	E03	F03	G03	H03			K03	L03	M03	N03	O03	P03	Q03			T03	U03	V03	W03	X03	Y03	Z03	
	0.125	53.35	53.35	0.125	0.125	0.125	53.35	53.35			0.218	54.19	54.19	0.125	0.218	54.19	54.19			0.066	52.83	52.83	0.125	0.066	52.83	52.83	
	0.875	33.41	-31.81	0.75	0.875	0.875	33.41	-31.81			0.781	25.05	-23.86	0.562	0.781	25.05	-23.86			0.933	38.57	-36.73	0.866	0.933	38.57	-36.73	
	0.125	162	10.2	0.45	0.125	0.125	162	10.2			0.218	162	7.65	0.45	0.218	162	7.65			0.066	162	11.77	0.45	0.066	162	11.77	
04		B04	C04	D04	E04	F04	G04	H04			K04	L04	M04	N04	O04	P04	Q04			T04	U04	V04	W04	X04	Y04	Z04	
	0.187	53.91	53.91	0.187	0.187	0.187	53.91	53.91			0.304	54.96	54.96	0.187	0.304	54.96	54.96			0.104	53.16	53.16	0.187	0.104	53.16	53.16	
	0.812	27.84	-26.51	0.812	0.812	0.812	27.84	-26.51			0.695	17.4	-16.57	0.39	0.695	17.4	-16.57			0.895	35.21	-33.53	0.79	0.895	35.21	-33.53	
	0.187	162	8.5	0.45	0.187	0.187	162	8.5			0.304	162	5.31	0.45	0.304	162	5.31			0.104	162	10.75	0.45	0.104	162	10.75	
05		B05	C05	D05	E05	F05	G05	H05			K05	L05	M05	N05	O05	P05	Q05			T05	U05	V05	W05	X05	Y05	Z05	
	0.25	54.47	54.47	0.25	0.25	0.25	54.47	54.47			0.375	55.59	55.59	0.25	0.375	55.59	55.59			0.146	53.54	53.54	0.25	0.146	53.54	53.54	
	0.75	22.27	-21.21	0.5	0.75	0.75	22.27	-21.21			0.625	11.13	-10.6	0.25	0.625	11.13	-10.6			0.853	31.49	-29.99	0.707	0.853	31.49	-29.99	
	0.25	162	6.8	0.45	0.25	0.25	162	6.8			0.375	162	3.4	0.45	0.375	162	3.4			0.146	162	9.61	0.45	0.146	162	9.61	
06		B06	C06	D06	E06	F06	G06	H06			K06	L06	M06	N06	O06	P06	Q06			T06	U06	V06	W06	X06	Y06	Z06	
	0.312	55.03	55.03	0.312	0.312	0.312	55.03	55.03			0.429	56.08	56.08	0.312	0.429	56.08	56.08			0.193	53.96	53.96	0.312	0.193	53.96	53.96	
	0.687	16.7	-15.9	0.375	0.687	0.687	16.7	-15.9			0.57	6.26	-5.96	0.14	0.57	6.26	-5.96			0.806	27.27	-25.97	0.612	0.806	27.27	-25.97	
	0.312	162	5.1	0.45	0.312	0.312	162	5.1			0.429	162	1.91	0.45	0.429	162	1.91			0.193	162	8.32	0.45	0.193	162	8.32	
07		B07	C07	D07	E07	F07	G07	H07			K07	L07	M07	N07	O07	P07	Q07			T07	U07	V07	W07	X07	Y07	Z07	
	0.375	55.59	55.59	0.375	0.375	0.375	55.59	55.59			0.468	56.43	56.43	0.375	0.468	56.43	56.43			0.249	54.46	54.46	0.375	0.249	54.46	54.46	
	0.625	11.13	-10.6	0.25	0.625	0.625	11.13	-10.6			0.531	2.78	-2.65	0.062	0.531	2.78	-2.65			0.75	22.27	-21.21	0.5	0.75	22.27	-21.21	
	0.375	162	3.4	0.45	0.375	0.375	162	3.4			0.468	162	0.85	0.45	0.468	162	0.85			0.249	162	6.8	0.45	0.249	162	6.8	
08		B08	C08	D08	E08	F08	G08	H08			K08	L08	M08	N08	O08	P08	Q08			T08	U08	V08	W08	X08	Y08	Z08	
	0.437	56.15	56.15	0.437	0.437	0.437	56.15	56.15			0.492	56.64	56.64	0.437	0.492	56.64	56.64			0.323	55.12	55.12	0.437	0.323	55.12	55.12	
	0.562	5.36	-5.3	0.125	0.562	0.562	5.36	-5.3			0.507	0.69	-0.66	0.015	0.507	0.69	-0.66			0.676	15.74	-14.99	0.353	0.676	15.74	-14.99	
	0.437	162	1.7	0.45	0.437	0.437	162	1.7			0.492	162	0.21	0.45	0.492	162	0.21			0.323	162	4.8	0.45	0.323	162	4.8	
09		B09	C09	D09	E09	F09	G09	H09			K09	L09	M09	N09	O09	P09	Q09			T09	U09	V09	W09	X09	Y09	Z09	
	0.5	56.71	56.71	0.5	0.5	0.5	56.71	56.71			0.5	56.71	56.71	0.5	0.5	56.71	56.71			0.5	56.71	56.71	0.5	0.5	56.71	56.71	
	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.0			0.5	0.0	0.0	0.0	0.5	0.0	0.0			0.5	0.0	0.0	0.001	0.499	0.03	0.03	
	0.5	0	0.0	0.0	0.5	0.5	360	0.0			0.5	0	0.0	0.0	0.5	360	0.0			0.5	0	0.0	0.0	0.5	360	0.0	
10		B10	C10	D10	E10	F10	G10	H10			K10	L10	M10	N10	O10	P10	Q10			T10	U10	V10	W10	X10	Y10	Z10	
	0.562	53.92	53.92	0.437	0.562	0.562	53.92	53.92			0.507	56.36	56.36	0.437	0.507	56.36	56.36			0.676	48.84	48.84	0.437	0.676	48.84	48.84	
	0.437	3.7	3.16	0.125	0.437	0.437	3.7	3.16			0.492	0.46	0.39	0.015	0.492	0.46	0.39			0.323	10.47	8.94	0.353	0.323	10.47	8.94	
	0.562	328	-1.92	0.912	0.562	0.562	328	-1.92			0.507	328	-0.24	0.912	0.507	328	-0.24			0.676	328	-5.45	0.912	0.676	328	-5.45	
11		B11	C11	D11	E11	F11	G11	H11			K11	L11	M11	N11	O11	P11	Q11			T11	U11	V11	W11	X11	Y11	Z11	
	0.625	51.14	51.14	0.375	0.625	0.625	51.14	51.14			0.531	55.31	55.31	0.375	0.531	55.31	55.31			0.75	45.58	45.58	0.375	0.75	45.58	45.58	
	0.375	7.4	6.32	0.25	0.375	0.375	7.4	6.32			0.468	1.85	1.58	0.062	0.468	1.85	1.58			0.249	14.81	12.65	0.5	0.249	14.81	12.65	
	0.625	328	-3.85	0.912	0.625	0.625	328	-3.85			0.531	328	-0.96	0.912	0.531	328	-0.96			0.75	328	-7.71	0.912	0.75	328	-7.71	
12		B12	C12	D12	E12	F12	G12	H12			K12	L12	M12	N12	O12	P12	Q12			T12	U12	V12	W12	X12	Y12	Z12	
	0.687	48.36	48.36	0.312	0.687	0.687	48.36	48.36			0.57	53.58	53.58	0.312	0.57	53.58	53.58			0.806	43.08	43.08	0.312	0.806	43.08	43.08	
	0.312	11.11	9.48	0.375	0.312	0.312	11.11	9.48			0.429	4.16	3.55	0.14	0.429	4.16	3.55			0.193	18.14	15.49	0.612	0.193	18.14	15.49	
	0.687	328	-5.78	0.912	0.687	0.687	328	-5.78			0.57	328	-2.16	0.912	0.57	328	-2.16			0.806	328	-9.44	0.912	0.806	328	-9.44	
13		B13	C13	D13	E13	F13	G13	H13			K13	L13	M13	N13	O13	P13	Q13			T13	U13	V13	W13	X13	Y13	Z13	
	0.75	45.58	45.58	0.25	0.75	0.75	45.58	45.58			0.625	51.14	51.14	0.25	0.625	51.14	51.14			0.853	40.97	40.97	0.25	0.853	40.97	40.97	
	0.25	14.81	12.65	0.5	0.25	0.25	14.81	12.65			0.375	7.4	6.32	0.25	0.375	7.4	6.32			0.146	20.95	17.88	0.707	0.146	20.95	17.88	
	0.75	328	-7.71	0.912	0.75	0.75	328	-7.71			0.625	328	-3.85	0.912	0.625	328	-3.85			0.853	328	-10.91	0.912	0.853	328	-10.91	
14		B14	C14	D14	E14	F14	G14	H14																			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a															
O/R																																										
01		B01	C01	D01	E01	F01	G01	H01			K01	L01	M01	N01	O01	P01	Q01			T01	U01	V01	W01	X01	Y01	Z01																
02		B02	C02	D02	E02	F02	G02	H02			K02	L02	M02	N02	O02	P02	Q02			T02	U02	V02	W02	X02	Y02	Z02																
03		B03	C03	D03	E03	F03	G03	H03			K03	L03	M03	N03	O03	P03	Q03			T03	U03	V03	W03	X03	Y03	Z03																
04		B04	C04	D04	E04	F04	G04	H04			K04	L04	M04	N04	O04	P04	Q04			T04	U04	V04	W04	X04	Y04	Z04																
05		B05	C05	D05	E05	F05	G05	H05			K05	L05	M05	N05	O05	P05	Q05			T05	U05	V05	W05	X05	Y05	Z05																
06		B06	C06	D06	E06	F06	G06	H06			K06	L06	M06	N06	O06	P06	Q06			T06	U06	V06	W06	X06	Y06	Z06																
07		B07	C07	D07	E07	F07	G07	H07			K07	L07	M07	N07	O07	P07	Q07			T07	U07	V07	W07	X07	Y07	Z07																
08		B08	C08	D08	E08	F08	G08	H08			K08	L08	M08	N08	O08	P08	Q08			T08	U08	V08	W08	X08	Y08	Z08																
09		B09	C09	D09	E09	F09	G09	H09			K09	L09	M09	N09	O09	P09	Q09			T09	U09	V09	W09	X09	Y09	Z09																
10		B10	C10	D10	E10	F10	G10	H10			K10	L10	M10	N10	O10	P10	Q10			T10	U10	V10	W10	X10	Y10	Z10																
11		B11	C11	D11	E11	F11	G11	H11			K11	L11	M11	N11	O11	P11	Q11			T11	U11	V11	W11	X11	Y11	Z11																
12		B12	C12	D12	E12	F12	G12	H12			K12	L12	M12	N12	O12	P12	Q12			T12	U12	V12	W12	X12	Y12	Z12																
13		B13	C13	D13	E13	F13	G13	H13			K13	L13	M13	N13	O13	P13	Q13			T13	U13	V13	W13	X13	Y13	Z13																
14		B14	C14	D14	E14	F14	G14	H14			K14	L14	M14	N14	O14	P14	Q14			T14	U14	V14	W14	X14	Y14	Z14																
15		B15	C15	D15	E15	F15	G15	H15			K15	L15	M15	N15	O15	P15	Q15			T15	U15	V15	W15	X15	Y15	Z15																
16		B16	C16	D16	E16	F16	G16	H16			K16	L16	M16	N16	O16	P16	Q16			T16	U16	V16	W16	X16	Y16	Z16																
17		B17	C17	D17	E17	F17	G17	H17			K17	L17	M17	N17	O17	P17	Q17			T17	U17	V17	W17	X17	Y17	Z17																
C/C'		CIE18a $c_t^* = c^*$						SRS18a								CIE18a $c_t^* = c^{*0.5}$						SRS18a								CIE18a $c_t^* = c^{*2}$						SRS18a						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a				
L/G	rgb* ₃	LCH* _a	LAB* _a	nch* _o	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _o	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _o	olv* ₃	LCH* _a	LAB* _a						
01	0.0 1.0 1.0	B01 52.23 44.54 162	C01 52.23 -42.42 13.6	D01 52.23 -42.42 13.6	E01 0.0 1.0 0.45	F01 0.0 1.0 0.222	G01 56.71 70.39 162	H01 56.71 -67.03 21.49			0.0 1.0 0.0	K01 52.23 44.54 162	L01 52.23 -42.42 13.6	M01 52.23 -42.42 13.6	N01 0.0 1.0 0.45	O01 0.0 1.0 0.222	P01 56.71 70.39 162	Q01 56.71 -67.03 21.49			0.0 1.0 0.0	T01 52.23 44.54 162	U01 52.23 -42.42 13.6	V01 52.23 -42.42 13.6	W01 0.0 1.0 0.45	X01 0.0 1.0 0.222	Y01 56.71 70.39 162	Z01 56.71 -67.03 21.49			
02	0.062 0.937 0.062	B02 52.79 38.97 162	C02 52.79 -37.11 11.9	D02 52.79 -37.11 11.9	E02 0.062 0.875 0.45	F02 0.062 0.875 0.257	G02 56.71 61.59 162	H02 56.71 -58.65 18.8			0.117 0.882 0.117	K02 53.28 34.1 162	L02 53.28 -32.47 10.41	M02 53.28 -32.47 10.41	N02 0.062 0.765 0.45	O02 0.117 0.882 0.287	P02 56.71 53.89 162	Q02 56.71 -51.31 16.45			0.032 0.967 0.032	T02 52.51 41.66 162	U02 52.51 -39.68 12.72	V02 52.51 -39.68 12.72	W02 0.062 0.935 0.45	X02 0.032 0.967 0.24	Y02 56.71 65.84 162	Z02 56.71 -62.7 20.1			
03	0.125 0.875 0.125	B03 53.35 33.41 162	C03 53.35 -31.81 10.2	D03 53.35 -31.81 10.2	E03 0.125 0.75 0.45	F03 0.125 0.875 0.291	G03 56.71 52.79 162	H03 56.71 -50.27 16.11			0.218 0.781 0.218	K03 54.19 25.05 162	L03 54.19 -23.86 7.65	M03 54.19 -23.86 7.65	N03 0.125 0.562 0.45	O03 0.218 0.781 0.343	P03 56.71 39.59 162	Q03 56.71 -37.7 12.08			0.066 0.933 0.066	T03 52.83 38.57 162	U03 52.83 -36.73 11.77	V03 52.83 -36.73 11.77	W03 0.125 0.866 0.45	X03 0.066 0.933 0.259	Y03 56.71 60.96 162	Z03 56.71 -58.04 18.61			
04	0.187 0.812 0.187	B04 53.91 27.84 162	C04 53.91 -26.51 8.5	D04 53.91 -26.51 8.5	E04 0.187 0.625 0.45	F04 0.187 0.812 0.326	G04 56.71 43.99 162	H04 56.71 -41.89 13.43			0.304 0.695 0.304	K04 54.96 17.4 162	L04 54.96 -16.57 5.31	M04 54.96 -16.57 5.31	N04 0.187 0.39 0.45	O04 0.304 0.695 0.391	P04 56.71 27.49 162	Q04 56.71 -26.18 8.39			0.104 0.895 0.104	T04 53.16 35.21 162	U04 53.16 -33.53 10.75	V04 53.16 -33.53 10.75	W04 0.187 0.79 0.45	X04 0.104 0.895 0.28	Y04 56.71 55.64 162	Z04 56.71 -52.99 16.98			
05	0.25 0.75 0.25	B05 54.47 22.27 162	C05 54.47 -21.21 6.8	D05 54.47 -21.21 6.8	E05 0.25 0.5 0.45	F05 0.25 0.75 0.361	G05 56.71 35.19 162	H05 56.71 -33.51 10.74			0.375 0.625 0.375	K05 55.59 11.13 162	L05 55.59 -10.6 3.4	M05 55.59 -10.6 3.4	N05 0.25 0.25 0.45	O05 0.375 0.625 0.43	P05 56.71 17.59 162	Q05 56.71 -16.75 5.37			0.146 0.853 0.146	T05 53.54 31.49 162	U05 53.54 -29.99 9.61	V05 53.54 -29.99 9.61	W05 0.25 0.707 0.45	X05 0.146 0.853 0.303	Y05 56.71 49.77 162	Z05 56.71 -47.39 15.19			
06	0.312 0.687 0.312	B06 55.03 16.7 162	C06 55.03 -15.9 5.1	D06 55.03 -15.9 5.1	E06 0.312 0.375 0.45	F06 0.312 0.687 0.395	G06 56.71 26.39 162	H06 56.71 -25.13 8.05			0.429 0.57 0.429	K06 56.08 6.26 162	L06 56.08 -5.96 1.91	M06 56.08 -5.96 1.91	N06 0.312 0.14 0.45	O06 0.429 0.57 0.46	P06 56.71 9.89 162	Q06 56.71 -9.42 3.02			0.193 0.806 0.193	T06 53.96 27.27 162	U06 53.96 -25.97 8.32	V06 53.96 -25.97 8.32	W06 0.312 0.612 0.45	X06 0.193 0.806 0.329	Y06 56.71 43.1 162	Z06 56.71 -41.04 13.15			
07	0.375 0.625 0.375	B07 55.59 11.13 162	C07 55.59 -10.6 3.4	D07 55.59 -10.6 3.4	E07 0.375 0.25 0.45	F07 0.375 0.625 0.43	G07 56.71 17.59 162	H07 56.71 -16.75 5.37			0.468 0.531 0.468	K07 56.43 2.78 162	L07 56.43 -2.65 0.85	M07 56.43 -2.65 0.85	N07 0.375 0.062 0.45	O07 0.468 0.531 0.482	P07 56.71 4.39 162	Q07 56.71 -4.18 1.34			0.249 0.75 0.249	T07 54.46 22.27 162	U07 54.46 -21.21 6.8	V07 54.46 -21.21 6.8	W07 0.375 0.5 0.45	X07 0.249 0.75 0.361	Y07 56.71 35.19 162	Z07 56.71 -33.51 10.74			
08	0.437 0.562 0.437	B08 56.15 5.56 162	C08 56.15 -5.3 1.7	D08 56.15 -5.3 1.7	E08 0.437 0.125 0.45	F08 0.437 0.562 0.465	G08 56.71 8.79 162	H08 56.71 -8.37 2.68			0.492 0.507 0.492	K08 56.64 0.69 162	L08 56.64 -0.66 0.21	M08 56.64 -0.66 0.21	N08 0.437 0.015 0.45	O08 0.492 0.507 0.495	P08 56.71 1.09 162	Q08 56.71 -1.04 0.33			0.323 0.676 0.323	T08 55.12 15.74 162	U08 55.12 -14.99 4.8	V08 55.12 -14.99 4.8	W08 0.437 0.353 0.45	X08 0.323 0.676 0.401	Y08 56.71 24.88 162	Z08 56.71 -23.69 7.59			
09	0.5 0.5 0.5	B09 56.71 0.0 0	C09 56.71 0.0 0	D09 56.71 0.0 0	E09 0.5 0.0 0	F09 0.5 0.5 0	G09 56.71 0.0 0	H09 56.71 0.0 0			0.5 0.5 0.5	K09 56.71 0.0 0	L09 56.71 0.0 0	M09 56.71 0.0 0	N09 0.5 0.0 0	O09 0.5 0.5 0	P09 56.71 0.0 0	Q09 56.71 0.0 0			0.5 0.5 0.5	T09 56.71 0.0 0	U09 56.71 0.0 0	V09 56.71 0.0 0	W09 0.5 0.001 0	X09 0.5 0.499 0.5	Y09 56.71 0.06 0	Z09 56.71 0.06 0			
10	0.562 0.437 0.562	B10 53.92 3.7 328	C10 53.92 3.16 -1.92	D10 53.92 3.16 -1.92	E10 0.437 0.125 0.912	F10 0.559 0.437 0.562	G10 56.71 9.54 328	H10 56.71 8.14 -4.97			0.507 0.492 0.507	K10 56.36 0.46 328	L10 56.36 0.39 -0.24	M10 56.36 0.437 0.912	N10 0.507 0.015 0.507	O10 0.507 0.492 0.507	P10 56.71 1.19 328	Q10 56.71 1.01 -0.62			0.676 0.323 0.676	T10 48.84 10.47 328	U10 48.84 8.94 -5.45	V10 48.84 8.94 -5.45	W10 0.437 0.353 0.912	X10 0.667 0.323 0.676	Y10 56.71 26.99 328	Z10 56.71 23.04 -14.05			
11	0.625 0.375 0.625	B11 51.14 7.4 328	C11 51.14 6.32 -3.85	D11 51.14 6.32 -3.85	E11 0.375 0.25 0.912	F11 0.618 0.375 0.625	G11 56.71 19.09 328	H11 56.71 16.29 -9.94			0.531 0.468 0.531	K11 55.31 1.85 328	L11 55.31 1.58 -0.96	M11 55.31 1.58 -0.96	N11 0.375 0.062 0.912	O11 0.529 0.468 0.531	P11 56.71 4.77 328	Q11 56.71 4.07 -2.48			0.75 0.249 0.75	T11 45.58 14.81 328	U11 45.58 12.65 -7.71	V11 45.58 12.65 -7.71	W11 0.375 0.5 0.912	X11 0.736 0.249 0.75	Y11 56.71 38.18 328	Z11 56.71 32.59 -19.88			
12	0.687 0.312 0.687	B12 48.36 11.11 328	C12 48.36 9.48 -5.78	D12 48.36 9.48 -5.78	E12 0.312 0.375 0.912	F12 0.677 0.312 0.687	G12 56.71 28.63 328	H12 56.71 24.44 -14.91			0.57 0.429 0.57	K12 53.58 4.16 328	L12 53.58 3.55 -2.16	M12 53.58 3.55 -2.16	N12 0.312 0.14 0.912	O12 0.566 0.429 0.57	P12 56.71 10.73 328	Q12 56.71 9.16 -5.59			0.806 0.193 0.806	T12 43.08 18.14 328	U12 43.08 15.49 -9.44	V12 43.08 15.49 -9.44	W12 0.312 0.612 0.912	X12 0.789 0.193 0.806	Y12 56.71 46.76 328	Z12 56.71 39.92 -24.34			
13	0.75 0.25 0.75	B13 45.58 14.81 328	C13 45.58 12.65 -7.71	D13 45.58 12.65 -7.71	E13 0.25 0.5 0.912	F13 0.736 0.25 0.75	G13 56.71 38.18 328	H13 56.71 32.59 -19.88			0.625 0.375 0.625	K13 51.14 7.4 328	L13 51.14 6.32 -3.85	M13 51.14 6.32 -3.85	N13 0.25 0.25 0.912	O13 0.618 0.375 0.625	P13 56.71 19.09 328	Q13 56.71 16.29 -9.94			0.853 0.146 0.853	T13 40.97 20.95 328	U13 40.97 17.88 -10.91	V13 40.97 17.88 -10.91	W13 0.25 0.707 0.912	X13 0.834 0.146 0.853	Y13 56.71 53.99 328	Z13 56.71 46.09 -28.11			
14	0.812 0.187 0.812	B14 42.8 18.52 328	C14 42.8 15.81 -9.64	D14 42.8 15.81 -9.64	E14 0.187 0.625 0.912	F14 0.795 0.187 0.812	G14 56.71 47.72 328	H14 56.71 40.74 -24.85			0.695 0.304 0.695	K14 48.01 11.57 328	L14 48.01 9.88 -6.02	M14 48.01 9.88 -6.02	N14 0.187 0.39 0.912	O14 0.684 0.304 0.695	P14 56.71 29.82 328	Q14 56.71 25.46 -15.53			0.895 0.104 0.895	T14 39.11 23.42 328	U14 39.11 20.0 -12.19	V14 39.11 20.0 -12.19	W14 0.187 0.79 0.912	X14 0.873 0.104 0.895	Y14 56.71 60.36 328	Z14 56.71 51.54 -31.43			
15	0.875 0.125 0.875	B15 40.02 22.22 328	C15 40.02 18.97 -11.57	D15 40.02 18.97 -11.57	E15 0.125 0.75 0.912	F15 0.854 0.125 0.875	G15 56.71 57.27 328	H15 56.71 48.89 -29.82			0.781 0.218 0.781	K15 44.19 16.66 328	L15 44.19 14.23 -8.67	M15 44.19 14.23 -8.67	N15 0.125 0.562 0.912	O15 0.765 0.218 0.781	P15 56.71 42.95 328	Q15 56.71 36.67 -22.36			0.933 0.066 0.933	T15 37.44 25.66 328	U15 37.44 21.91 -13.36	V15 37.44 21.91 -13.36	W15 0.125 0.866 0.912	X15 0.909 0.066 0.933	Y15 56.71 66.13 328	Z15 56.71 56.45 -34.43			
16	0.937 0.062 0.937	B16 37.24 25.92 328	C16 37.24 22.13 -13.5	D16 37.24 22.13 -13.5	E16 0.062 0.875 0.912	F16 0.913 0.062 0.937	G16 56.71 66.81 328	H16 56.71 57.04 -34.79			0.882 0.117 0.882	K16 39.67 22.68 328	L16 39.67 19.37 -11.81	M16 39.67 19.37 -11.81	N16 0.062 0.765 0.912	O16 0.861 0.117 0.882	P16 56.71 58.46 328	Q16 56.71 49.91 -30.44			0.967 0.032 0.967	T16 35.89 27.72 328	U16 35.89 23.66 -14.43	V16 35.89 23.66 -14.43	W16 0.062 0.935 0.912	X16 0.942 0.032 0.967	Y16 56.71 71.42 328	Z16 56.71 60.98 -37.19			
17	1.0 0.0 1.0	B17 34.46 29.63 328	C17 34.46 25.3 -15.43	D17 34.46 25.3 -15.43	E17 0.0 1.0 0.912	F17 0.972 0.0 1.0	G17 56.71 76.36 328	H17 56.71 65.19 -39.76			1.0 0.0 1.0	K17 34.46 29.63 328	L17 34.46 25.3 -15.43	M17 34.46 25.3 -15.43	N17 0.0 1.0 0.912	O17 0.972 0.0 1.0	P17 56.71 76.36 328	Q17 56.71 65.19 -39.76			1.0 0.0 1.0	T17 34.45 29.63 328	U17 34.45 25.3 -15.43	V17 34.45 25.3 -15.43	W17 0.0 1.0 0.912	X17 0.972 0.0 1.0	Y17 56.71 76.36 328	Z17 56.71 65.19 -39.76			
M/M		CIE18a				$c_t^* = c^*$	SRS18a					CIE18a				$c_t^* = c^{*0.5}$	SRS18a					CIE18a				$c_t^* = c^{*2}$	SRS18a				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a
O/R		rgb* ₃	LCH* _a	LAB* _a	nch* _o	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _o	olv* ₃	LCH* _a	LAB* _a			rgb* ₃	LCH* _a	LAB* _a	nch* _o	olv* ₃	LCH* _a	LAB* _a	
01		B01 1.0 0.0 0.0	C01 39.91 65.06 25	D01 39.91 58.74 27.99	E01 0.0 1.0 0.07	F01 1.0 0.046 0.0	G01 77.24 27.18 25	H01 77.24 24.54 11.69			K01 1.0 0.0 0.0	L01 39.91 65.06 25	M01 39.91 58.74 27.99	N01 0.0 1.0 0.07	O01 1.0 0.046 0.0	P01 77.24 27.18 25	Q01 77.24 24.54 11.69			T01 1.0 0.0 0.0	U01 39.91 65.06 25	V01 39.91 58.74 27.99	W01 0.0 1.0 0.07	X01 1.0 0.046 0.0	Y01 77.24 27.18 25	Z01 77.24 24.54 11.69	
02		B02 0.937 0.062 0.062	C02 42.01 56.93 25	D02 42.01 51.39 24.49	E02 0.062 0.875 0.07	F02 0.937 0.103 0.062	G02 77.91 23.78 25	H02 77.91 21.47 10.23			K02 0.882 0.117 0.117	L02 43.85 44.97 25	M02 43.85 44.97 21.42	N02 0.062 0.765 0.07	O02 0.882 0.152 0.117	P02 78.49 20.81 25	Q02 78.49 18.78 8.95			T02 0.967 0.032 0.032	U02 41.0 60.86 25	V02 41.0 54.94 26.18	W02 0.062 0.935 0.07	X02 0.967 0.075 0.032	Y02 77.59 25.42 25	Z02 77.59 22.95 10.93	
03		B03 0.875 0.125 0.125	C03 44.11 48.8 25	D03 44.11 44.05 20.99	E03 0.125 0.75 0.07	F03 0.875 0.16 0.125	G03 78.57 20.38 25	H03 78.57 18.4 8.77			K03 0.781 0.218 0.218	L03 47.26 36.6 25	M03 47.26 33.04 15.74	N03 0.125 0.562 0.07	O03 0.781 0.245 0.218	P03 79.56 15.29 25	Q03 79.56 13.8 6.57			T03 0.933 0.066 0.066	U03 42.16 56.35 25	V03 42.16 50.87 24.24	W03 0.125 0.866 0.07	X03 0.933 0.107 0.066	Y03 77.95 23.54 25	Z03 77.95 21.25 10.12	
04		B04 0.812 0.187 0.187	C04 46.21 40.66 25	D04 46.21 36.71 17.49	E04 0.187 0.625 0.07	F04 0.812 0.216 0.187	G04 79.23 16.98 25	H04 79.23 15.33 7.3			K04 0.695 0.304 0.304	L04 50.15 25.41 25	M04 50.15 22.94 10.93	N04 0.187 0.39 0.07	O04 0.695 0.322 0.304	P04 80.48 10.61 25	Q04 80.48 9.58 4.56			T04 0.895 0.104 0.104	U04 43.43 51.44 25	V04 43.43 46.43 22.12	W04 0.187 0.79 0.07	X04 0.895 0.141 0.104	Y04 78.35 21.49 25	Z04 78.35 19.4 9.24	
05		B05 0.75 0.25 0.25	C05 48.31 32.53 25	D05 48.31 29.37 13.99	E05 0.25 0.5 0.07	F05 0.75 0.273 0.25	G05 79.9 13.59 25	H05 79.9 12.27 5.84			K05 0.625 0.375 0.375	L05 52.51 16.26 25	M05 52.51 14.68 6.99	N05 0.25 0.25 0.07	O05 0.625 0.386 0.375	P05 81.22 6.79 25	Q05 81.22 6.13 2.92			T05 0.853 0.146 0.146	U05 44.83 46.0 25	V05 44.83 41.53 19.79	W05 0.25 0.707 0.07	X05 0.853 0.179 0.146	Y05 78.8 19.22 25	Z05 78.8 17.35 8.26	
06		B06 0.687 0.312 0.312	C06 50.41 24.4 25	D06 50.41 22.02 10.49	E06 0.312 0.375 0.07	F06 0.687 0.33 0.312	G06 80.56 10.19 25	H06 80.56 9.2 4.38			K06 0.57 0.429 0.429	L06 54.34 9.15 25	M06 54.34 8.26 3.93	N06 0.312 0.14 0.07	O06 0.57 0.436 0.429	P06 81.8 3.82 25	Q06 81.8 3.45 1.64			T06 0.806 0.193 0.193	U06 46.42 39.84 25	V06 46.42 35.97 17.14	W06 0.312 0.612 0.07	X06 0.806 0.222 0.193	Y06 79.3 16.64 25	Z06 79.3 15.02 7.16	
07		B07 0.625 0.375 0.375	C07 52.51 16.26 25	D07 52.51 14.68 6.99	E07 0.375 0.25 0.07	F07 0.625 0.386 0.375	G07 81.22 6.79 25	H07 81.22 6.13 2.92			K07 0.531 0.468 0.468	L07 55.66 4.06 25	M07 55.66 3.67 1.74	N07 0.375 0.062 0.07	O07 0.531 0.471 0.468	P07 82.22 1.69 25	Q07 82.22 1.53 0.73			T07 0.75 0.249 0.249	U07 48.31 32.53 25	V07 48.31 29.37 13.99	W07 0.375 0.5 0.07	X07 0.75 0.273 0.249	Y07 79.9 13.59 25	Z07 79.9 12.27 5.84	
08		B08 0.562 0.437 0.437	C08 54.61 8.13 25	D08 54.61 7.34 3.49	E08 0.437 0.125 0.07	F08 0.562 0.443 0.437	G08 81.89 3.39 25	H08 81.89 3.06 1.46			K08 0.507 0.492 0.492	L08 56.44 1.01 25	M08 56.44 0.91 0.43	N08 0.437 0.015 0.07	O08 0.507 0.492 0.492	P08 82.47 0.42 25	Q08 82.47 0.38 0.18			T08 0.676 0.323 0.323	U08 50.77 23.0 25	V08 50.77 20.76 9.89	W08 0.437 0.353 0.07	X08 0.676 0.339 0.323	Y08 80.67 9.61 25	Z08 80.67 8.67 4.13	
09		B09 0.5 0.5 0.5	C09 56.71 0.0 0	D09 56.71 0.0 0	E09 0.5 0.5 0.0	F09 0.5 0.5 0.5	G09 82.55 0.0 360	H09 82.55 0.0 0			K09 0.5 0.5 0.5	L09 56.71 0.0 0	M09 56.71 0.0 0	N09 0.5 0.0 0	O09 0.5 0.5 0.5	P09 82.55 0.0 360	Q09 82.55 0.0 0			T09 0.5 0.5 0.5	U09 56.71 0.0 0	V09 56.71 0.0 0	W09 0.5 0.001 0.0	X09 0.5 0.499 0.499	Y09 82.54 0.02 360	Z09 82.54 0.02 0	
10		B10 0.437 0.562 0.562	C10 54.82 3.28 216	D10 54.82 -2.62 -1.97	E10 0.437 0.125 0.602	F10 0.437 0.541 0.562	G10 83.21 2.45 216	H10 83.21 -1.96 -1.47			K10 0.492 0.507 0.507	L10 56.47 0.41 216	M10 56.47 -0.32 -0.24	N10 0.437 0.015 0.602	O10 0.492 0.505 0.507	P10 82.63 0.3 216	Q10 82.63 -0.24 -0.18			T10 0.323 0.676 0.676	U10 51.37 9.28 216	V10 51.37 -7.41 -5.58	W10 0.437 0.353 0.602	X10 0.323 0.618 0.676	Y10 84.41 6.94 216	Z10 84.41 -5.55 -4.17	
11		B11 0.375 0.625 0.625	C11 52.94 6.56 216	D11 52.94 -5.24 -3.94	E11 0.375 0.25 0.602	F11 0.375 0.583 0.625	G11 83.86 4.91 216	H11 83.86 -3.92 -2.95			K11 0.468 0.531 0.531	L11 55.76 1.64 216	M11 55.76 -1.31 -0.98	N11 0.375 0.062 0.602	O11 0.468 0.52 0.531	P11 82.88 1.22 216	Q11 82.88 -0.98 -0.73			T11 0.249 0.75 0.75	U11 49.16 13.12 216	V11 49.16 -10.48 -7.89	W11 0.375 0.5 0.602	X11 0.249 0.667 0.75	Y11 85.17 9.82 216	Z11 85.17 -7.84 -5.91	
12		B12 0.312 0.687 0.687	C12 51.05 9.84 216	D12 51.05 -7.86 -5.92	E12 0.312 0.375 0.602	F12 0.312 0.625 0.687	G12 84.52 7.36 216	H12 84.52 -5.88 -4.43			K12 0.429 0.57 0.57	L12 54.58 3.69 216	M12 54.58 -2.94 -2.22	N12 0.312 0.14 0.602	O12 0.429 0.546 0.57	P12 83.29 2.76 216	Q12 83.29 -2.2 -1.66			T12 0.193 0.806 0.806	U12 47.47 16.07 216	V12 47.47 -12.84 -9.66	W12 0.312 0.612 0.602	X12 0.193 0.704 0.806	Y12 85.76 12.03 216	Z12 85.76 -9.61 -7.23	
13		B13 0.25 0.75 0.75	C13 49.17 13.12 216	D13 49.17 -10.48 -7.89	E13 0.25 0.5 0.602	F13 0.25 0.667 0.75	G13 85.17 9.82 216	H13 85.17 -7.84 -5.91			K13 0.375 0.625 0.625	L13 52.94 6.56 216	M13 52.94 -5.24 -3.94	N13 0.25 0.25 0.602	O13 0.375 0.583 0.625	P13 83.86 4.91 216	Q13 83.86 -3.92 -2.95			T13 0.146 0.853 0.853	U13 46.04 18.56 216	V13 46.04 -14.82 -11.16	W13 0.25 0.707 0.602	X13 0.146 0.736 0.853	Y13 86.26 13.89 216	Z13 86.26 -11.1 -8.35	
14		B14 0.187 0.812 0.812	C14 47.28 16.4 216	D14 47.28 -13.1 -9.86	E14 0.187 0.625 0.602	F14 0.187 0.708 0.812	G14 85.83 12.28 216	H14 85.83 -9.81 -7.38			K14 0.304 0.695 0.695	L14 50.81 10.25 216	M14 50.81 -8.19 -6.16	N14 0.187 0.39 0.602	O14 0.304 0.63 0.695	P14 84.6 7.67 216	Q14 84.6 -6.13 -4.61			T14 0.104 0.895 0.895	U14 44.78 20.75 216	V14 44.78 -16.57 -12.48	W14 0.187 0.79 0.602	X14 0.104 0.764 0.895	Y14 86.7 15.53 216	Z14 86.7 -12.41 -9.34	
15		B15 0.125 0.875 0.875	C15 45.4 19.68 216	D15 45.4 -15.72 -11.84	E15 0.125 0.75 0.602	F15 0.125 0.75 0.875	G15 86.49 14.73 216	H15 86.49 -11.77 -8.86			K15 0.218 0.781 0.781	L15 48.22 14.76 216	M15 48.22 -11.79 -8.88	N15 0.125 0.562 0.602	O15 0.218 0.687 0.781	P15 85.5 11.05 216	Q15 85.5 -8.83 -6.64			T15 0.066 0.933 0.933	U15 43.65 22.73 216	V15 43.65 -18.16 -13.67	W15 0.125 0.866 0.602	X15 0.066 0.789 0.933	Y15 87.1 17.01 216	Z15 87.1 -13.59 -10.23	
16		B16 0.062 0.937 0.937	C16 43.51 22.96 216	D16 43.51 -18.34 -13.81	E16 0.062 0.875 0.602	F16 0.062 0.792 0.937	G16 87.14 17.19 216	H16 87.14 -13.73 -10.34			K16 0.117 0.882 0.882	L16 45.16 20.09 216	M16 45.16 -16.05 -12.08	N16 0.062 0.765 0.602	O16 0.117 0.755 0.882	P16 86.57 15.04 216	Q16 86.57 -12.01 -9.05			T16 0.032 0.967 0.967	U16 42.6 24.55 216	V16 42.6 -19.61 -14.77	W16 0.062 0.935 0.602	X16 0.032 0.812 0.967	Y16 87.46 18.38 216	Z16 87.46 -14.68 -11.05	
17		B17 0.0 1.0 1.0	C17 41.63 26.25 216	D17 41.63 -20.97 -15.79	E17 0.0 1.0 0.602	F17 0.0 0.834 1.0	G17 87.8 19.65 216	H17 87.8 -15.69 -11.82			K17 0.0 1.0 1.0	L17 41.63 26.25 216	M17 41.63 -20.97 -15.79	N17 0.0 1.0 0.602	O17 0.0 0.834 1.0	P17 87.8 19.65 216	Q17 87.8 -15.69 -11.82			T17 0.0 1.0 1.0	U17 41.62 26.25 216	V17 41.62 -20.97 -15.79	W17 0.0 1.0 0.602	X17 0.0 0.834 1.0	Y17 87.8 19.65 216	Z17 87.8 -15.69 -11.82	
C/C'		CIE18a $c_t^* = c^*$						TLS70a						CIE18a $c_t^* = c^{*0.5}$						TLS70a							

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	
L/G	rgb* ₃			LCH* _a LAB* _a		nch* _o lv* ₃		LCH* _a LAB* _a		rgb* ₃			LCH* _a LAB* _a		nch* _o lv* ₃		LCH* _a LAB* _a		rgb* ₃			LCH* _a LAB* _a		nch* _o lv* ₃		LCH* _a LAB* _a		
01	0.0	B01	C01	D01	E01	F01	G01	H01			0.0	K01	L01	M01	N01	O01	P01	Q01			0.0	T01	U01	V01	W01	X01	Y01	Z01
	0.0		52.23	52.23	0.0	0.0	90.17	90.17			0.0	52.23	52.23	0.0	0.0	90.17	90.17			0.0	52.22	52.22	52.22	0.0	0.0	90.17	90.17	
	1.0		44.54	-42.42	1.0	1.0	29.84	-28.41			1.0	44.54	-42.42	1.0	1.0	29.84	-28.41			1.0	44.54	-42.42	1.0	1.0	29.84	-28.41	1.0	
	0.0		162	13.6	0.45	0.533	162	9.11			0.0	162	13.6	0.45	0.533	162	9.11			0.0	162	13.6	0.45	0.533	162	9.11	0.0	
02	0.062	B02	C02	D02	E02	F02	G02	H02			0.117	K02	L02	M02	N02	O02	P02	Q02			0.032	T02	U02	V02	W02	X02	Y02	Z02
	0.937		52.79	-37.11	0.062	0.062	89.22	89.22			0.882	53.28	53.28	-32.47	0.062	0.117	88.39	88.39			0.067	52.51	52.51	52.51	0.062	0.032	89.68	89.68
	0.062		38.97	11.9	0.875	0.937	26.11	-24.86			0.117	34.1	34.1	10.41	0.765	0.882	22.84	-21.75			0.032	41.66	-39.68	0.937	0.062	0.067	27.91	-26.58
	0.062		162	11.9	0.45	0.529	162	7.97			0.117	162	10.41	0.45	0.525	162	6.97			0.032	162	12.72	12.72	0.45	0.531	162	8.52	
03	0.125	B03	C03	D03	E03	F03	G03	H03			0.218	K03	L03	M03	N03	O03	P03	Q03			0.066	T03	U03	V03	W03	X03	Y03	Z03
	0.875		53.35	53.35	0.125	0.125	88.27	88.27			0.781	54.19	54.19	-23.86	0.125	0.218	86.84	86.84			0.933	52.83	52.83	52.83	0.125	0.066	89.15	89.15
	0.125		33.41	10.2	0.75	0.875	22.38	-21.31			0.218	25.05	25.05	7.65	0.562	0.781	16.78	-15.98			0.066	38.57	-36.73	0.933	0.066	0.933	25.84	-24.61
	0.125		162	10.2	0.45	0.525	162	6.83			0.218	162	7.65	0.45	0.518	162	5.12			0.066	162	11.77	11.77	0.45	0.529	162	7.89	
04	0.187	B04	C04	D04	E04	F04	G04	H04			0.304	K04	L04	M04	N04	O04	P04	Q04			0.104	T04	U04	V04	W04	X04	Y04	Z04
	0.812		53.91	-26.51	0.187	0.187	87.32	87.32			0.695	54.96	54.96	-16.57	0.187	0.304	85.53	85.53			0.895	53.16	53.16	53.16	0.187	0.104	88.58	88.58
	0.187		27.84	8.5	0.625	0.812	18.65	-17.76			0.304	17.4	17.4	5.31	0.39	0.695	11.65	-11.1			0.104	35.21	-33.53	0.895	0.104	0.895	23.59	-22.46
	0.187		162	8.5	0.45	0.521	162	5.69			0.304	162	5.31	0.45	0.513	162	3.55			0.104	162	10.75	10.75	0.45	0.526	162	7.2	
05	0.25	B05	C05	D05	E05	F05	G05	H05			0.375	K05	L05	M05	N05	O05	P05	Q05			0.146	T05	U05	V05	W05	X05	Y05	Z05
	0.75		54.47	-21.21	0.25	0.25	86.36	86.36			0.625	55.59	55.59	-10.6	0.25	0.375	84.46	84.46			0.853	53.54	53.54	53.54	0.25	0.146	87.94	87.94
	0.25		22.27	6.8	0.45	0.516	162	4.55			0.375	11.13	11.13	3.4	0.45	0.508	7.46	-7.1			0.146	31.49	-29.99	0.853	0.146	0.853	21.1	-20.09
	0.25		162	6.8	0.45	0.516	162	4.55			0.375	162	3.4	0.45	0.508	162	2.27			0.146	162	9.61	9.61	0.45	0.523	162	6.44	
06	0.312	B06	C06	D06	E06	F06	G06	H06			0.429	K06	L06	M06	N06	O06	P06	Q06			0.193	T06	U06	V06	W06	X06	Y06	Z06
	0.687		55.03	-15.9	0.312	0.312	85.41	85.41			0.57	56.08	56.08	-9.96	0.312	0.429	83.62	83.62			0.806	53.96	53.96	53.96	0.312	0.193	87.22	87.22
	0.312		16.7	5.1	0.45	0.512	11.19	-10.65			0.429	6.26	6.26	1.91	0.45	0.504	4.19	-3.99			0.193	27.27	-25.97	0.806	0.193	0.806	18.27	-17.4
	0.312		162	5.1	0.45	0.512	162	3.41			0.429	162	1.91	0.45	0.504	162	1.28			0.193	162	8.32	8.32	0.45	0.52	162	5.57	
07	0.375	B07	C07	D07	E07	F07	G07	H07			0.468	K07	L07	M07	N07	O07	P07	Q07			0.249	T07	U07	V07	W07	X07	Y07	Z07
	0.625		55.59	-10.6	0.375	0.375	84.46	84.46			0.531	56.43	56.43	-2.65	0.375	0.468	83.03	83.03			0.75	54.46	54.46	54.46	0.375	0.249	86.36	86.36
	0.375		162	3.4	0.45	0.508	162	2.27			0.468	2.78	2.78	0.85	0.45	0.502	1.86	-1.77			0.249	22.27	-21.21	0.75	0.249	0.75	14.92	-14.2
	0.375		162	3.4	0.45	0.508	162	2.27			0.468	162	0.85	0.45	0.502	162	0.56			0.249	162	6.8	6.8	0.45	0.516	162	4.55	
08	0.437	B08	C08	D08	E08	F08	G08	H08			0.492	K08	L08	M08	N08	O08	P08	Q08			0.323	T08	U08	V08	W08	X08	Y08	Z08
	0.562		56.15	-5.3	0.437	0.437	83.5	83.5			0.507	56.64	56.64	-0.66	0.437	0.492	82.67	82.67			0.676	55.12	55.12	55.12	0.437	0.323	85.25	85.25
	0.437		5.36	1.7	0.125	0.125	3.73	-3.55			0.492	0.69	0.69	0.21	0.015	0.5	0.46	-0.44			0.323	15.74	-14.99	0.676	0.323	0.676	10.55	-10.04
	0.437		162	1.7	0.45	0.504	162	1.13			0.492	162	0.21	0.45	0.504	162	0.14			0.323	162	4.8	4.8	0.45	0.511	162	3.22	
09	0.5	B09	C09	D09	E09	F09	G09	H09			0.5	K09	L09	M09	N09	O09	P09	Q09			0.5	T09	U09	V09	W09	X09	Y09	Z09
	0.5		56.71	0.0	0.5	0.5	82.55	82.55			0.5	56.71	56.71	0.0	0.5	0.5	82.55	82.55			0.5	56.71	56.71	56.71	0.5	0.5	82.54	82.54
	0.5		0.0	0.0	0.0	0.5	0.0	0.0			0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0			0.5	0.0	0.0	0.0	0.001	0.499	0.02	0.02
	0.5		0	0.0	0.0	0.5	360	0.0			0.5	0	0	0	0	360	0	0			0.5	0	0	0	0.499	360	0.0	
10	0.562	B10	C10	D10	E10	F10	G10	H10			0.507	K10	L10	M10	N10	O10	P10	Q10			0.676	T10	U10	V10	W10	X10	Y10	Z10
	0.437		53.92	53.92	0.437	0.562	82.02	82.02			0.492	56.36	56.36	0.437	0.507	82.48	82.48			0.676	48.84	48.84	48.84	0.437	0.676	81.06	81.06	
	0.562		3.7	3.16	0.125	0.437	5.35	4.57			0.507	0.46	0.39	0.015	0.492	0.66	0.57			0.676	10.47	8.94	8.94	0.353	0.323	15.15	12.94	
	0.562		328	-1.92	0.912	0.552	328	-2.79			0.507	328	-0.24	0.912	0.502	328	-0.34			0.676	328	-5.45	-5.45	0.912	0.647	328	-7.89	
11	0.625	B11	C11	D11	E11	F11	G11	H11			0.531	K11	L11	M11	N11	O11	P11	Q11			0.75	T11	U11	V11	W11	X11	Y11	Z11
	0.375		51.14	6.32	0.25	0.625	81.49	81.49			0.468	55.31	55.31	1.58	0.062	0.531	82.29	82.29			0.249	45.58	45.58	45.58	0.375	0.75	80.44	80.44
	0.625		7.4	-3.85	0.912	0.604	10.71	-5.58			0.531	1.85	1.85	-0.96	0.912	0.468	2.67	2.28			0.75	14.81	12.65	12.65	0.5	0.249	21.43	18.3
	0.625		328	-3.85	0.912	0.604	328	-5.58			0.531	328	-0.96	0.912	0.526	328	-1.39			0.75	328	-7.71	-7.71	0.912	0.709	328	-11.16	
12	0.687	B12	C12	D12	E12	F12	G12	H12			0.57	K12	L12	M12	N12	O12	P12	Q12			0.806	T12	U12	V12	W12	X12	Y12	Z12
	0.312		48.36	9.48	0.312	0.687	80.97	80.97			0.429	53.58	53.58	3.55	0.14	0.57	81.96	81.96			0.193	43.08	43.08	43.08	0.312	0.806	79.96	79.96
	0.687		11.11	-5.78	0.375	0.312	16.07	-8.37			0.57	4.16	4.16	-2.16	0.912	0.558	6.02	5.14			0.806	18.14	15.49	15.49	0.612	0.193	26.25	22.41
	0.687		328	-5.78	0.912	0.656	328	-8.37			0.57	328	-2.16	0.912	0.558	328	-3.13			0.806	328	-9.44	-9.44	0.912	0.756	328	-13.67	
13	0.75	B13	C13	D13	E13	F13	G13	H13			0.625	K13	L13	M13	N13	O13	P13	Q13			0.853	T13	U13	V13	W13	X13	Y13	Z13
	0.25		45.58	12.65	0.25	0.75	80.44	80.44			0.375	51.14	51.14	6.32	0.25	0.625	81.49	81.49			0.146	40.97	40.97	40.97	0.25	0.853	79.56	79.56
	0.75		14.81	7.25	0.5	0.25	21.43	18.3			0.625	7.4	7.															