







	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	b	c	d	e	f	g	h	i	j	k	lab*rgb*		
01	0.0	0.04	0.07	0.11	0.14	0.18	0.21	0.25	0.28	0.13	0.12	0.16	0.2	0.23	0.27	0.3	0.34	0.37	0.25	0.25	0.25	0.28	0.32	0.36	0.39	0.43	0.46	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0		
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.02	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.04	0.15	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.9	0.79	0.69	0.58	0.48	0.37	0.27	0.16	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
02	0.0	0.09	0.0	0.0	0.0	0.0	0.03	0.06	0.1	0.13	0.13	0.16	0.2	0.23	0.27	0.3	0.34	0.37	0.25	0.25	0.25	0.28	0.32	0.36	0.39	0.43	0.46	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13
	0.0	0.1	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.15	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.98	0.88	0.77	0.67	0.56	0.46	0.35	0.25	0.14	0.13	0.13	0.13	
	0.13	0.13	0.13	0.1	0.06	0.01	0.0	0.0	0.0	0.11	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.08	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
03	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.21	0.13	0.13	0.13	0.13	0.15	0.19	0.22	0.25	0.25	0.25	0.29	0.32	0.36	0.39	0.43	0.46	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25
	0.0	0.01	0.2	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.23	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.95	0.85	0.75	0.65	0.54	0.44	0.33	0.23	0.12	0.25	0.25	0.25	0.25
	0.26	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.31	0.3	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.37	0.35	0.34	0.25	0.25	0.28	0.31	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38		
04	0.0	0.0	0.11	0.3	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.14	0.33	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.35	0.5	0.63	0.75	0.88	1.0	0.93	0.83	0.73	0.63	0.52	0.42	0.31	0.21	0.1	0.38	0.38	0.38	
	0.38	0.38	0.38	0.38	0.4	0.36	0.31	0.27	0.22	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.29	0.24	0.2	0.38	0.38	0.35	0.31	0.26	0.25	0.1	0.08	0.07	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
05	0.0	0.0	0.02	0.21	0.4	0.63	0.75	0.88	1.0	0.0	0.13	0.19	0.43	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.45	0.63	0.75	0.88	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.29	0.19	0.08	0.05	0.05	0.05			
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.55	0.51	0.46	0.41	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5			
06	0.0	0.0	0.0	0.13	0.32	0.5	0.75	0.88	1.0	0.0	0.13	0.18	0.34	0.53	0.75	0.88	1.0	0.0	0.13	0.25	0.45	0.63	0.75	0.88	1.0	0.88	0.78	0.68	0.58	0.48	0.38	0.27	0.17	0.06	0.06	0.06	0.06			
	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63						
07	0.51	0.33	0.33	0.15	0.0	0.0	0.0	0.0	0.0	0.57	0.55	0.37	0.19	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13				
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75						
08	0.6	0.41	0.23	0.05	0.0	0.0	0.0	0.0	0.0	0.66	0.64	0.45	0.27	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13				
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88						
09	0.68	0.5	0.32	0.14	0.0	0.0	0.0	0.0	0.0	0.74	0.72	0.54	0.36	0.17	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13				
	0.0	0.0	0.0	0.0	0.0	0.05	0.24	0.43	0.62	0.81	0.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13					
10	0.68	0.38	0.38	0.38	0.37	0.41	0.44	0.48	0.52	0.55	0.5	0.5	0.53	0.57	0.6	0.64	0.62	0.63	0.63	0.63	0.63	0.62	0.66	0.69	0.73	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
	0.06	0.17	0.27	0.38	0.5	0.63	0.75	0.88	1.0	0.08	0.19	0.29	0.4	0.5	0.63	0.75	0.88	1.0	0.1	0.21	0.31	0.42	0.52	0.63	0.75	0.88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
11	0.38	0.38	0.38	0.37	0.41	0.44	0.48	0.52	0.55	0.5	0.5	0.53	0.57	0.6	0.64	0.62	0.63	0.63	0.63	0.63	0.62	0.66	0.69	0.73	0.96	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87					
	0.06	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.01	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13				
	0.06	0.17	0.27	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.88	0.78	0.68	0.58	0.48	0.38	0.28	0.18	0.08	0.08	0.08		
12	0.38	0.38	0.38	0.37	0.41	0.45	0.48	0.52	0.55	0.5	0.5	0.53	0.57	0.61	0.64	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.66	0.69	0.73	0.94	0.84	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75				
	0.06	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.01	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13					
13	0.38	0.38	0.38	0.38	0.41	0.45	0.48	0.52	0.55	0.5	0.5	0.53	0.57	0.61	0.64	0.63	0.63	0.63	0.63	0.63	0.62	0.66	0.69	0.73	0.94	0.84	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75					
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.88	0.78	0.68	0.58	0.48	0.38	0.28	0.18	0.08	0.08	0.08		
	0.32	0.34	0.36	0.38	0.38	0.38	0.38																																	

	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	b	c	d	e	f	g	h	i	j	k	LAB*LAB*a																																																																										
01	20.0	24.0	28.0	32.0	36.0	40.0	44.0	48.0	52.0	52.0	23.0	28.4	31.7	35.6	39.6	43.6	47.6	51.6	55.6	26.0	30.4	36.9	39.7	43.5	47.3	51.3	55.3	59.2	95.0	88.6	82.2	75.8	69.4	63.0	56.6	50.2	43.8	20.0	20.0	20.0																																																																								
	0.0	-7.0	-14.1	-21.1	-28.2	-35.2	-42.2	-49.3	-56.3	-56.7	-0.6	-8.7	-15.8	-22.9	-29.9	-37.0	-44.0	-51.1	-53.5	7.5	-1.2	-9.9	-17.3	-24.5	-31.6	-38.7	-45.8	0.0	6.7	13.5	20.2	27.0	33.7	40.4	47.2	53.9	0.0	0.0	0.0																																																																									
	0.0	5.4	10.9	16.3	21.2	27.2	32.6	38.1	43.5	50.0	12.3	16.6	21.7	24.7	32.8	38.2	43.7	49.1	51.9	9.9	15.9	24.6	33.3	38.5	43.3	49.3	54.7	0.0	5.0	9.9	14.9	19.9	24.8	30.8	39.7	0.0	0.0	0.0																																																																										
02	26.6	25.0	29.2	33.5	37.6	41.7	45.8	49.9	53.9	53.2	29.4	33.4	37.4	41.4	45.4	49.3	53.3	57.3	57.3	26.2	32.4	37.8	41.1	45.0	49.0	53.0	57.0	61.0	90.6	85.6	79.2	72.8	66.4	60.0	53.6	47.2	40.8	29.4	29.4	29.4																																																																								
	5.6	-3.3	-9.2	-15.4	-21.8	-28.3	-35.0	-41.7	-48.8	-58.8	0.0	-7.0	-14.1	-21.1	-28.2	-35.2	-42.3	-49.1	-55.4	6.7	-0.6	-8.7	-15.8	-22.9	-29.9	-37.0	-44.0	-50.3	0.0	6.7	13.5	20.2	27.0	33.7	40.4	47.2	53.9	0.0	0.0	0.0																																																																								
	-6.6	-3.6	-0.8	2.5	6.4	10.7	15.2	19.9	24.8	3.7	0.0	5.4	10.9	16.3	21.8	27.2	32.6	38.1	1.1	5.0	12.3	16.6	21.2	24.7	32.8	38.2	43.7	3.6	0.0	5.0	9.9	14.9	24.8	34.8	0.0	0.0	0.0																																																																											
03	21.3	26.8	29.9	34.2	38.5	42.7	46.9	51.1	55.2	52.3	30.0	34.3	38.6	42.8	47.0	51.1	55.2	59.3	59.3	26.5	32.6	38.8	42.7	46.7	50.7	54.7	58.7	62.7	66.2	81.2	76.3	69.9	63.5	57.1	50.7	44.3	37.9	38.8	38.8	38.8																																																																								
	-13.2	-9.3	-7.2	-4.3	-1.6	1.5	5.0	8.8	12.8	10.5	-5.6	-3.6	-3.6	-8.2	-2.5	-6.4	10.7	15.2	19.9	7.5	-3.7	0.0	5.4	10.9	16.3	21.8	27.2	32.6	-7.2	-3.6	0.0	5.0	9.9	14.9	24.8	29.8	0.0	0.0	0.0																																																																									
	21.9	28.4	31.7	34.9	39.1	43.4	47.7	51.9	56.2	24.3	30.6	36.2	43.6	47.8	52.1	56.3	60.4	60.4	26.9	33.1	39.4	43.7	48.0	52.2	56.4	60.5	64.6	68.1	71.8	66.9	60.5	54.1	47.7	41.3	34.9	48.1	48.1	48.1	48.1	48.1	48.1																																																																							
04	16.9	3.5	-3.4	-9.8	-15.8	-21.7	-27.6	-33.7	-39.0	-20.0	11.3	-0.2	-6.6	-12.5	-18.4	-24.5	-30.7	-37.1	123.1	14.3	5.6	-3.3	-9.2	-15.4	-21.8	-28.3	-35.0	0.0	6.7	13.5	20.2	27.0	33.7	40.4	47.2	53.9	0.0	0.0	0.0																																																																									
	-19.8	-15.2	-12.9	-10.7	-7.8	-5.2	-2.4	0.7	4.0	-17.1	-13.2	-9.3	-7.2	-4.3	-1.6	1.5	5.0	8.8	14.3	10.0	5.6	-3.6	-8.2	5.4	10.7	15.2	20.1	24.7	30.6	0.0	5.0	9.9	14.9	24.8	30.0	0.0	0.0	0.0																																																																										
05	22.5	29.7	33.6	36.6	39.8	41.4	48.4	52.6	56.9	25.0	31.3	37.7	41.1	44.2	48.5	52.8	57.1	61.3	27.5	33.7	40.1	45.6	48.7	52.9	57.2	61.4	65.7	77.3	72.4	67.4	62.5	57.5	51.1	44.7	38.3	31.9	57.5	57.5	57.5																																																																									
	22.6	7.7	-0.3	-6.6	-13.1	-19.1	-25.0	-30.9	-36.8	-25.6	16.9	3.5	-3.4	-9.8	-15.5	-21.7	-27.6	-32.8	20.7	11.3	-0.2	-6.6	-12.6	-18.4	-24.5	-30.7	-36.1	-39.8	-45.7	0.0	6.7	13.5	20.2	27.0	33.7	40.4	47.2	53.9	0.0	0.0	0.0																																																																							
	-26.4	21.1	-14.8	-18.6	-16.5	-14.3	-11.3	-8.7	-6.0	-3.2	-23.7	-19.1	-15.8	-12.9	-10.7	-7.8	-5.2	-2.4	0.7	-21.0	-17.1	-13.2	-9.3	-7.2	-3.6	0.0	5.0	9.9	14.9	24.8	30.0	0.0	0.0	0.0	0.0	0.0	0.0																																																																											
06	23.1	30.9	35.3	38.5	43.6	41.6	44.8	49.0	53.0	57.6	25.6	31.9	39.1	43.0	46.0	49.2	53.4	57.7	62.0	28.1	34.3	40.6	47.2	50.5	53.6	57.9	62.2	66.4	72.9	79.3	67.9	63.3	58.0	53.1	48.1	41.7	35.3	28.9	66.9	66.9	66.9																																																																							
	68.2	12.2	3.2	-3.6	-9.8	-16.4	-22.5	-28.3	-34.3	-21.2	2.6	22.7	6.7	-0.3	-6.6	-13.1	-19.1	-25.0	-30.0	34.3	25.6	16.9	3.5	-3.4	-9.8	-15.5	8.8	-6.6	-3.3	-3.0	0.0	6.7	13.5	20.2	27.0	33.7	40.4	47.2	53.9	0.0	0.0	0.0																																																																						
	-33.0	-27.6	-24.4	-22.2	-20.0	-17.1	-14.8	-12.1	-9.5	-6.0	-3.2	-27.6	-23.1	-19.8	-15.2	-11.7	-7.6	-3.2	-2.4	0.7	-19.9	-17.0	-13.0	-9.5	-7.2	-3.6	0.0	5.0	9.9	14.9	24.8	30.0	0.0	0.0	0.0	0.0	0.0	0.0																																																																										
07	23.8	31.1	39.6	36.8	40.4	43.5	45.6	49.7	53.3	58.2	26.2	32.5	40.3	44.4	47.8	50.9	54.1	58.4	62.7	28.7	35.0	41.3	48.5	52.5	54.4	58.6	62.8	67.1	68.5	63.5	67.8	73.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3																																																																						
	33.9	17.1	7.0	-0.5	-6.8	-13.0	-19.7	-25.8	-31.1	-36.9	28.2	12.3	3.2	-3.6	-9.8	-16.4	-22.5	-28.3	39.9	31.2	22.6	22.6	7.7	-0.3	-6.6	-13.1	-19.1	-25.0	0.0	6.7	13.5	20.2	27.0	33.7	40.4	47.2	53.9	0.0	0.0	0.0																																																																								
	-39.6	-33.9	-30.3	-28.0	-25.8	-23.3	-21.7	-18.5	-15.8	-12.5	-8.0	-3.2	-27.6	-23.1	-19.8	-15.4	-11.3	-7.0	-3.2	-2.4	0.7	-21.4	-18.6	-15.4	-13.4	-11.3	-8.7	-5.0	-2.1	-1.7	-0.7	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0																																																																									
08	24.4	32.2	38.8	32.2	42.1	45.4	48.4	51.4	54.7	58.9	26.8	33.1	41.3	45.6	49.8	53.8	57.8	61.9	65.0	20.9	28.0	35.0	42.7	49.7	56.7	63.5	67.8	74.0	78.8	84.0	89.4	93.0	97.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0																																																																								
	39.5	22.0	11.1	2.9	-3.8	-10.0	-16.2	-22.2	-29.9	-31.2	33.9	17.1	7.0	-0.5	-6.8	-13.0	-19.7	-25.4	-30.5	-36.9	28.2	12.3	3.2	-3.6	-9.8	-16.4	-22.2	-28.0	-33.7	-39.4	-45.1	0.0	6.7	13.5	20.2	27.0	33.7	40.4	47.2	53.9	0.0	0.0	0.0																																																																					
	-46.4	-20.4	-13.6	-8.6	-3.3	-1.5	-0.8	-0.2	-0.1	-0.1	-21.5	-27.3	-32.5	-38.0	-43.5	-39.6	-33.9	-30.5	-28.0	-25.5	-21.8	-15.9	-10.7	-5.2	-0.2	-5.6	-10.6	-13.0	-19.7	-25.4	-31.1	-36.0	-42.5	-48.0	-54.0	-60.0	-66.0	-72.0	-78.0	-84.0	-90.0	-96.0	-100.0																																																																					
09	28.9	33.3	38.2	45.3	47.9	51.4	55.2	59.9	63.0	63.1	31.9	36.2	40.1	46.2	52.8	58.6	62.5	65.9	70.5	34.9	39.2	43.6	48.5	54.3	62.2	64.5	67.6	71.2	72.1	79.5	81.0	84.5	88.5	88.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6																																																																					
	20.2	14.4	7.9	-1.7	-10.8	-18.6	-26.0	-33.3	-40.2	-47.7	21.2	22.6	7.8	-2.3	-11.1	-17.9	-23.7	-30.4	-37.1	27.9	22.1	15.5	7.7	-2.9	-12.5	-20.7	-28.5	-30.0	-30.5	-31.0	-31.5	-32.0	-32.5	-33.0	-33.5	-34.0	-34.5	-35.0	-35.5	-36.0	-36.5	-37.0	-37.5	-38.0	-38.5	-39.0	-39.5	-39.5	-39.5	-39.5																																																														
	14.9	20.7	27.3	31.2	36.9	40.1	44.8	49.9	55.1	60.5	19.9	25.7	31.7	37.9	40.9	49.1	52.1	56.6	61.4	66.5	24.8	30.6	36.5	43.0	50.9	59.1	64.1	64.2	68.3	73.0	0.0	12.3	24.6	36.9	49.1	61.4	73.7	86.0	98.3	0.0	0.0	0.0																																																																						
11	22.2	13.5	7.5	-1.2	-9.9	-17.3	-24.5	-31.1	-38.7	-45.4	20.2	24.1	14.4	7.9	-1.7	-10.	-18.6	-26.0	-33.5	-40.7	27.0	21.2	15.1	7.8	-2.3	-11.1	-17.9	-23.7	-30.4	-37.1	-43.8	-50.5	-57.2	-63.9	-70.6	-77.3	-84.0	-90.7	-97.4	-104.1	-110.8	-117.5	-124.2	-130.9	-137.6	-144.3	-151.0	-157.7	-164.4	-171.1	-177.8	-184.5	-191.2	-197.9	-204.6	-211.3	-218.0	-224.7	-231.4	-238.1	-244.8	-251.5	-258.2	-264.9	-271.6	-278.3	-285.0	-291.7	-298.4	-305.1	-311.8	-318.5	-325.2	-331.9	-338.6	-345.3	-352.0	-358.7	-365.4	-372.1	-378.8	-385.5	-392.2	-398.9	-405.6	-412.3	-419.0	-425.7	-432.4	-439.1	-445.8	-452.5	-459.2	-465.9	-472.6	-479.3	-486.0	-492.7	-499.4	-506.1	-512.8	-519.5	-526.2	-532.9	-539.6	-546.3	-553.0	-559.7	-566.4	-573.1	-579.8	-586.5

	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	b	c	d	e	f	g	h	i	j	k	LAB	*LCH*	a																																																																																		
01	20.0	24.0	28.0	32.0	36.0	40.0	44.0	48.0	52.0	52.0	23.0	28.4	31.7	35.6	39.6	43.6	47.6	51.6	55.6	26.0	30.4	36.9	39.7	43.5	47.3	51.3	55.3	59.2	95.0	88.6	82.2	75.8	69.4	63.0	56.6	50.2	43.8	20.0	20.0	20.0																																																																																		
	0.0	8.9	17.8	26.7	35.6	44.5	53.4	62.3	71.2	8.4	12.3	18.7	27.1	35.7	44.4	53.2	62.0	70.9	16.7	17.6	24.6	29.9	37.5	45.7	54.1	62.7	71.3	0.0	8.4	16.7	25.1	33.5	41.9	50.2	58.6	67.0	0.0	0.0	0.0																																																																																			
	142	142	142	142	142	142	142	142	142	36	93	118	130	132	134	135	136	136	136	65	93	109	118	122	126	128	130	130	36	36	36	36	36	36	36	36	36	36	36																																																																																			
02	20.6	25.0	29.2	33.5	37.6	41.7	45.8	49.9	53.9	23.2	29.4	33.4	37.4	41.4	45.4	49.3	53.3	57.3	26.2	32.4	37.8	41.1	45.5	49.0	53.0	57.0	61.0	90.6	85.6	79.2	72.8	66.4	60.0	53.6	47.2	40.8	29.4	29.4	29.4																																																																																			
	8.7	4.9	9.2	15.6	22.7	30.2	38.1	46.2	54.4	9.0	0.0	8.9	17.8	26.7	35.6	44.5	53.4	62.3	15.5	8.4	12.3	18.7	27.1	35.7	44.4	53.2	59.2	62.0	4.0	0.0	8.4	16.7	25.1	33.5	41.9	50.2	58.6	0.0	0.0	0.0																																																																																		
	311	228	185	171	164	159	157	154	153	337	0	142	142	142	142	142	142	142	142	7	36	93	118	126	130	132	134	135	228	36	36	36	36	36	36	36	36	36	36																																																																																			
03	21.3	26.8	29.9	34.2	38.5	42.7	46.9	51.1	55.2	23.7	30.0	34.3	38.6	42.8	47.0	51.1	55.2	59.3	26.5	32.6	38.8	42.7	46.7	50.7	54.7	58.7	62.7	86.2	81.2	76.3	69.9	63.5	57.1	50.7	44.3	37.9	38.8	38.8	38.8																																																																																			
	17.4	9.3	9.7	13.2	18.5	24.5	31.1	38.1	48.7	17.8	8.7	4.9	9.2	15.6	22.7	30.1	38.1	46.2	19.2	9.6	0.0	8.9	17.8	26.7	35.6	44.5	53.4	59.7	62.7	66.7	60.0	52.5	33.5	41.9	50.2	58.6	0.0	0.0	0.0																																																																																			
	311	269	228	199	185	176	171	167	164	324	311	228	185	171	164	159	157	154	337	337	0	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142																																																																																			
04	21.9	28.4	31.7	34.9	39.1	43.4	47.7	51.9	56.2	24.3	30.6	36.2	39.3	43.6	47.8	52.1	56.3	60.4	26.9	33.1	39.4	43.7	48.0	52.2	56.4	60.5	64.6	61.6	57.1	51.3	47.7	41.3	34.9	48.1	48.1	48.1	48.1	48.1	48.1																																																																																			
	26.1	15.6	13.3	14.6	17.6	22.3	27.7	33.7	40.0	26.3	17.4	9.3	9.7	13.2	18.5	24.5	31.1	38.1	27.1	17.8	8.7	4.9	9.2	15.6	22.7	30.2	38.1	41.6	4.0	0.0	8.4	16.7	25.1	33.5	41.9	50.2	58.6	0.0	0.0	0.0																																																																																		
	311	283	255	228	206	193	185	174	171	319	311	269	228	199	185	176	171	164	159	328	324	311	228	199	185	181	176	171	164	159	157	156	155	154	153	152																																																																																						
05	22.5	29.7	33.6	36.6	39.8	44.1	48.4	52.6	56.9	25.0	31.3	37.3	41.1	44.2	48.5	52.8	57.1	61.3	27.5	33.7	40.0	45.6	48.7	52.9	57.2	61.4	65.7	77.3	72.4	67.4	51.1	44.7	38.3	31.9	57.5	57.5	57.5	57.5	57.5																																																																																			
	34.8	22.7	18.7	19.8	24.2	22.2	26.5	31.5	37.0	34.9	26.1	15.5	13.3	14.6	17.6	22.3	27.7	33.7	35.5	26.3	17.4	9.3	9.7	13.2	18.5	24.5	31.1	35.5	33.5	31.5	30.0	28.0	26.0	24.0	22.0	20.0	18.0	16.0	14.0	12.0	10.0																																																																																	
	311	290	269	248	228	210	199	191	185	317	311	283	255	228	206	193	181	175	170	206	199	181	176	171	164	159	157	156	155	154	153	152	151	150	149	148	147																																																																																					
06	23.1	30.9	35.8	38.6	41.6	44.8	49.0	53.3	57.6	25.6	31.9	39.1	43.0	46.0	49.2	53.4	57.7	62.0	28.1	34.3	40.6	46.7	52.2	56.4	60.5	63.6	65.0	53.1	48.1	41.7	35.3	28.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9																																																																																			
	43.4	30.2	24.7	22.5	22.4	24.3	26.9	30.3	35.5	43.5	34.8	27.2	18.6	19.4	22.2	26.5	31.5	34.9	40.4	26.1	15.6	13.3	14.6	14.6	19.7	24.3	29.1	34.9	40.0	4.0	0.0	8.4	16.7	25.1	33.5	41.9	50.2	58.6	0.0	0.0	0.0																																																																																	
	311	294	261	244	228	213	203	196	191	316	311	290	269	228	204	198	193	181	171	231	217	206	193	181	176	171	164	159	157	156	155	154	153	152	151	150	149																																																																																					
07	23.8	31.9	36.8	40.4	43.5	45.7	49.5	53.7	58.2	26.2	32.5	39.0	43.4	47.8	50.9	54.1	58.4	62.7	28.7	35.0	41.3	48.5	52.4	55.4	59.6	62.8	66.7	71.1	68.5	63.5	56.3	48.7	43.7	38.8	32.4	26.0	76.3	76.3	76.3	76.3																																																																																		
	52.1	38.0	31.3	28.0	26.7	27.0	29.1	31.6	35.3	52.2	43.3	40.2	24.7	22.5	22.2	24.4	24.3	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2																																																																																				
	311	297	283	269	255	241	228	215	206	315	311	294	277	261	244	228	213	203	199	181	230	216	206	193	181	176	171	164	159	157	156	155	154	153	152	151	150	149																																																																																				
08	24.4	32.9	38.2	42.1	45.4	48.4	51.4	54.7	58.9	26.8	33.1	41.3	46.2	49.8	52.9	55.8	59.1	63.3	29.3	35.6	41.9	49.6	54.0	57.3	60.3	63.5	67.8	64.0	59.1	54.1	51.4	49.2	44.2	39.3	34.3	29.4	23.0	16.0	85.6	85.6	85.6	85.6	85.6																																																																															
	60.8	45.9	38.2	33.9	31.7	31.1	31.8	34.8	34.0	36.3	60.9	52.1	38.0	32.4	38.2	33.9	31.7	31.1	31.8	34.0	36.9	50.9	52.1	53.0	56.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9																																																																															
	311	300	279	269	248	238	228	214	208	314	311	299	275	257	239	228	214	206	193	174	239	227	205	187	259	231	219	201	183	165	147	129	111	93	75	57	41	27	17	10																																																																																		
09	25.0	33.8	39.4	43.7	47.7	47.2	47.2	47.2	47.2	35.6	33.8	42.2	42.2	47.6	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5																																																																																	
	28.9	31.3	38.2	45.3	47.9	51.4	55.2	59.1	63.0	31.9	36.2	40.8	46.2	53.8	56.2	59.5	63.1	66.9	34.9	39.2	43.6	48.5	54.3	62.2	64.5	67.6	71.2	72.9	75.1	79.5	83.9	87.6	91.2	94.8	88.5	85.7	80.4	75.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	20.0	20.0	20.0	20.0																																																																					
	10	25.1	25.2	28.4	36.9	41.6	48.5	56.2	64.4	72.7	33.5	33.3	35.1	39.9	48.2	53.4	59.9	67.2	75.0	41.9	41.4	42.6	45.7	51.4	61.5	65.4	71.4	78.4	0.0	12.3	24.6	36.9	49.4	60.0	61.5	65.1	73.8	86.1	96.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																																																																							
	35	55	74	93	105	113	118	121	124	136	56	75	93	103	109	114	118	121	126	36	48	59	70	81	93	101	107	111	110	109	108	107	106	105	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	1

	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	b	c	d	e	f	g	h	i	j	k	lab*tch*						
01	0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	1.0	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.0	0.0	0.0						
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0						
	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.26	0.33	0.35	0.36	0.37	0.37	0.38	0.38	0.1	0.18	0.26	0.3	0.33	0.34	0.35	0.36	0.36	0.36	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1					
02	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.13	0.13	0.13						
	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0						
	0.86	0.63	0.51	0.47	0.45	0.44	0.43	0.43	0.42	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.02	0.1	0.23	0.33	0.35	0.36	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38				
03	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.88	0.82	0.75	0.69	0.63	0.56	0.5	0.44	0.25	0.25	0.25						
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13					
	0.86	0.75	0.63	0.55	0.51	0.49	0.47	0.46	0.45	0.9	0.86	0.63	0.51	0.47	0.45	0.44	0.43	0.43	0.43	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4				
04	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.63	0.56	0.5	0.44	0.38	0.38	0.38	0.38	0.38	0.38								
	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.88	1.0	0.38	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0						
	0.86	0.79	0.71	0.63	0.57	0.54	0.51	0.48	0.49	0.86	0.75	0.63	0.55	0.51	0.49	0.47	0.46	0.46	0.91	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4					
05	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	0.25	0.25	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.63	0.56	0.5	0.44	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38							
	0.86	0.81	0.75	0.69	0.63	0.58	0.55	0.53	0.51	0.88	0.86	0.79	0.71	0.63	0.57	0.54	0.51	0.5	0.09	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4					
06	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.63	0.56	0.5	0.44	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38						
	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63			
	0.86	0.82	0.77	0.72	0.68	0.63	0.58	0.54	0.5	0.88	0.86	0.81	0.79	0.71	0.66	0.63	0.58	0.54	0.5	0.09	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4				
07	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.38	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44				
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75				
	0.86	0.82	0.79	0.75	0.71	0.67	0.63	0.6	0.5	0.57	0.87	0.86	0.82	0.77	0.72	0.68	0.63	0.59	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56				
08	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44				
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88				
	0.86	0.83	0.80	0.76	0.73	0.70	0.67	0.64	0.61	0.58	0.55	0.52	0.49	0.46	0.43	0.40	0.37	0.34	0.31	0.28	0.25	0.22	0.19	0.16	0.13	0.10	0.07	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
09	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	0.86	0.83	0.80	0.77	0.74	0.71	0.68	0.65	0.62	0.59	0.56	0.53	0.50	0.47	0.44	0.41	0.38	0.35	0.32	0.29	0.26	0.23	0.20	0.17	0.14	0.11	0.08	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75				
10	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.69	0.63	0.56	0.5	0.44	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38			
	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38				
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75				
	0.86	0.82	0.77	0.72	0.68	0.63	0.59	0.55	0.51	0.4																																		



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	b	c	d	e	f	g	h	i	j	k	LAB*LAB*								
20.0	24.0	28.0	32.0	36.0	40.0	44.0	48.0	52.0	56.0	23.0	28.4	31.7	35.6	39.6	43.6	51.6	55.6	59.6	26.0	30.4	36.9	39.7	43.5	47.3	51.3	55.3	59.2	95.0	88.6	82.2	75.8	69.4	63.0	56.6	50.2	43.8	20.0	20.0	20.0						
01.4	-6.6	-13.6	-20.7	-27.7	-34.7	-41.8	-48.8	-55.8	-67.2	-0.1	-8.2	-15.3	-22.4	-29.4	-36.5	-43.5	-50.5	-51.3	13.9	8.0	-0.7	-9.4	-16.8	-24.0	-31.1	-38.2	-45.2	-20.6	7.3	14.1	20.8	27.5	34.2	41.0	47.7	54.4	0.4	0.4	0.4						
-6	-1	10	15	21	26	31	36	41	6	21	26	31	37	42	4	10	18	22	26	32	37	42	47	9	-3	2	7	12	17	23	28	33	-6	-6	-6										
20.6	25.0	29.2	33.5	37.6	41.7	45.8	49.9	53.9	59.2	23.2	29.4	33.4	37.4	41.4	45.4	49.3	53.3	57.3	26.2	32.4	37.8	41.1	45.0	49.0	53.0	57.0	61.0	60.6	85.6	79.2	72.8	66.4	60.0	53.6	47.2	40.8	29.4	29.4	29.4						
02.1	-2.8	-8.8	-19.4	-21.3	-27.8	-34.5	-41.2	-48.9	-53.0	-0.5	-6.6	-13.6	-20.6	-27.7	-34.7	-41.7	-48.1	-55.9	7.2	-0.1	-8.2	-15.3	-22.4	-29.4	-36.5	-43.5	-50.2	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5							
03.1	-10	-13	-17	-4	0	4	8	13	18	-10	-6	-1	4	10	15	20	26	31	-4	-1	6	10	15	20	26	31	36	12	-8	3	2	7	13	18	23	28	-6	-6	-6						
21.3	26.8	29.9	34.2	38.5	42.7	46.9	51.1	55.2	62.3	23.7	30.0	34.3	38.6	42.8	47.0	51.1	55.2	59.3	26.5	32.6	38.8	42.7	46.7	50.7	54.7	58.7	62.7	66.2	81.2	76.3	69.9	63.5	57.1	50.7	44.3	37.9	38.8	38.8	38.8						
03.7	1.3	0.3	-6.1	-10.2	-17.9	-24.0	-30.2	-36.5	-43.4	-14.8	6.1	-2.7	-14.9	-21.2	-27.8	-34.4	-41.2	-48.1	21.8	9.3	-1.4	-14	8	13	-14	-10	-7	-1	4	8	15	15	15	15	15	15	15	15	15	15					
21.9	28.4	31.7	34.9	39.1	43.4	47.7	51.9	56.2	62.4	24.3	30.6	36.2	39.3	43.6	47.8	52.1	56.3	60.4	26.9	33.1	39.4	43.7	48.0	52.2	56.4	60.5	64.6	68.6	71.8	76.8	80.5	84.1	87.7	41.3	34.9	48.1	48.1	48.1	48.1						
04.1	17.4	3.9	-2.9	-9.4	-15.3	-21.2	-27.1	-33.2	-39.2	-20.4	11.8	0.3	-6.1	-12.0	-17.9	-24.0	-30.2	-36.5	23.5	14.8	6.1	-2.8	-8.7	-14.8	-21.2	-27.8	-34.4	-41.2	-47.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5						
22.5	29.7	33.6	36.6	39.8	44.1	48.4	52.6	56.9	62.5	25.0	31.3	37.8	41.1	44.2	48.5	52.8	57.1	61.3	27.3	33.7	40.0	45.6	48.7	52.9	57.2	61.4	65.7	77.3	72.4	67.4	62.5	57.5	51.1	44.7	38.3	31.9	57.5	57.5							
05.0	23.0	8.1	0.2	-6.1	-12.6	-18.6	-24.5	-30.4	-36.3	-26.0	17.4	4.0	-2.9	-9.3	-15.3	-21.2	-27.1	-33.1	-29.9	20.1	11.8	0.3	-6.0	-12.0	-17.9	-24.0	-30.2	-35.5	-41.2	-47.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5								
05.2	-28	-25	-23	-21	-18	-16	-13	-10	-30	-26	-22	-20	-18	-15	-12	-10	-7	-27	-24	-20	-16	-14	-11	-9	-6	-3	-22	-18	-15	-11	-7	-2	-3	8	13	-7	-7	-7							
23.1	30.9	35.5	38.6	41.6	44.8	49.0	53.3	57.6	62.5	25.6	31.9	39.1	45.3	46.0	49.2	52.0	55.4	57.7	62.0	28.1	34.3	40.6	47.2	50.2	55.5	53.6	57.9	62.2	66.4	63.0	58.0	53.1	48.1	41.7	35.3	28.9	66.9	66.9	66.9						
06.8	27	12.7	3.6	-3.1	-9.3	-15.9	-21.9	-27.8	-33.1	-7.1	23.1	8.2	0.2	-6.1	-12.6	-18.6	-24.5	-30.3	34.7	26.1	17.4	4.0	-2.8	-9.2	-15.3	-21.1	-27.1	-32.4	-38.7	-44.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6								
23.8	31.9	36.8	40.4	43.5	46.5	49.7	53.9	58.2	62.6	23.2	32.5	40.3	44.7	48.0	50.9	54.1	58.4	62.4	78.7	35.0	41.3	48.5	52.5	54.4	55.6	58.6	61.7	65.8	68.7	74.7	83.8	82.4	78.2	73.2	60.0	43.7	38.8	32.4	26.0	76.3	76.3	76.3			
07.4	34.3	17.5	7.4	0.0	-6.3	-12.5	-19.1	-25.2	-31.1	-37.3	28.7	12.7	3.7	-3.1	-9.2	-15.9	-21.9	-27.8	-34.0	41.1	23.1	8.2	0.2	-6.1	-12.6	-18.6	-24.4	-30.1	-35.8	-41.5	-47.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6							
24.4	32.9	38.2	42.1	45.4	48.4	51.4	54.7	58.9	62.8	23.1	32.5	39.9	44.7	48.0	50.9	54.1	58.4	62.4	78.7	35.0	41.3	48.5	52.5	54.4	55.6	58.6	61.7	65.8	68.7	74.7	83.8	82.4	78.2	73.2	60.0	43.7	38.8	32.4	26.0	76.3	76.3	76.3			
08.0	40.0	22.5	11.5	3.4	-3.3	-9.5	-15.5	-21.7	-27.4	-34.5	30.4	14.4	7.6	5.0	-0.6	-6.3	-12.4	-19.1	-25.4	46.0	37.4	28.7	12.8	3.7	-3.1	-9.2	-15.9	-21.9	-27.8	-34.0	-40.5	-47.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5						
09.4	-28	-25	-21	-18	-14	-11	-8	-5	-36	-34	-32	-29	-26	-23	-20	-17	-14	-11	-8	-5	-3	-29	-26	-23	-20	-17	-14	-11	-8	-5	-2	-1	-8	-8	-8	-8	-8	-8	-8	-8	-8				
25.0	33.8	39.5	43.7	47.2	50.3	53.3	56.3	59.6	62.7	25.7	33.8	42.2	47.6	51.5	55.4	58.7	61.8	64.0	29.9	36.2	42.5	50.7	55.6	59.2	62.2	65.2	68.5	59.6	54.7	50.7	49.7	44.8	39.8	34.9	29.9	25.0	20.0	95.0	95.0	95.0					
04.5	26.7	16.6	7.1	-0.1	-6.5	-12.6	-18.6	-24.9	-30.7	-36.5	20.0	22.5	11.6	5.3	-3.3	-9.5	-15.6	-22.4	-34.5	43.0	34.4	17.6	7.5	0.1	-6.3	-12.4	-19.1	-25.9	-32.7	-39.5	-46.3	-52.1	-59.0	-64.7	-69.4	-74.1	-78.9	-82.6	-86.4	-90.2	-93.9	-97.6			
28.9	33.3	38.2	45.3	47.9	51.4	55.2	59.1	63.0	67.1	23.1	36.2	40.6	46.2	53.8	56.2	59.5	63.1	66.9	34.9	39.2	43.6	48.5	54.3	58.2	62.4	64.5	67.6	71.2	71.9	73.0	74.7	76.4	78.1	80.4	82.1	83.8	85.5	87.6	20.0	20.0	20.0	20.0	20.0	20.0	20.0
10.9	20.7	14.9	8.3	-1.2	-10.3	-18.1	-25.5	-32.7	-39.8	-27.4	21.6	8.3	-1.8	-11.2	-19.2	-26.8	-34.1	-42.4	28.4	22.5	16.0	8.2	-2.4	-11.9	-20.2	-27.9	0.6	0.0	-0.5	-1.1	-1.7	-2.3	-2.9	-3.5	-4.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4			
9.1	14	21	30	33	38	43	48	53	61	13	19	25	32	42	45	49	54	59	18	24	30	36	44	54	57	61	65	69	74	78	80	86	90	94	98	102	106	110	114	118	122	126	130	134	138
29.2	35.3	39.8	46.3	49.1	52.8	56.7	60.7	64.6	68.4	23.2	38.3	42.6	47.5	54.7	57.3	60.8	64.6	68.4	35.1	41.5	45.6	50.1	55.6	63.2	65.6	68.6	72.5	76.3	80.4	84.7	88.4	82.8	88.7	91.0	91.4	95.0	97.0	99.0	99.5	99.5					
11.2	22.7	14.0	8.0	-7.9	-14.4	-21.6	-28.1	-34.6	-41.1	-20.7	14.9	8.4	-1.2	-10.1	-18.1	-25.4	-32.6	-39.6	27.4	21.7	17.5	13.4	9.6	-2.1	-8.1	-11.1	-19.2	-26.7	-34.6	-42.5	-50.4	-58.3	-66.2	-74.1	-82.0	-89.9	-96.8	-99.7	-99.7	-99.7	-99.7				
22.4	29.4	35.6	41.7	47.2	50.5	54.4	58.4	62.4	66.4	23.2	38.5	42.8	47.5	54.4	57.5	60.5	64.4	68.4	35.1	41.5	47.7	52.0	56.9	62.2	66.4	70.3	74.3	78.3	82.0	86.0	90.0	94.0	98.0	100.0	100.0	100.0	100.0	100.0							
12.5	24.6	15.9	7.2	-0.1	-8.2	-15.3	-22.4	-29.4	-36.3	-43.1	22.7	14.0	8.1	-0.6	-9.3	-16.8	-24.0	-31.1	38.1	29.5	20.7	14.9	8.4	-1.2	-10.3	-18.0	-25.1	-31.9	-38.7	-45.5	-52.3	-59.1	-65.9	-72.7	-79.5	-86.3	-93.1	-99.7	-99.7	-99.7					
29.7	35.8	42.0	48.0	51.8	55.1	59.4	63.1	67.6	72.9	23.6	38.8	43.9	47.4	53.7	56.0	60.7	64.7	68.8	23.2	36.2	42.3	48.5	54.6	60.6	65.0	70.9	74.9	78.9	81.5	85.0	88.1	91.7													



