

Number of required components to represent each combination														
	0	1	2	3	4	5	6	7	8	9	10	11	12	13
0	23	116	91	43	45	54	49	60	50	55	63	63	60	53
1	116	116	184	136	138	147	142	153	143	148	156	156	153	146
2	91	184	68	88	90	99	94	105	95	100	108	108	105	98
3	43	136	88	20	42	51	46	57	47	52	60	60	57	50
4	45	138	90	42	22	53	48	59	49	54	62	62	59	52
5	54	147	99	51	53	31	57	68	58	63	71	71	68	61
6	49	142	94	46	48	57	26	63	53	58	66	66	63	56
7	60	153	105	57	59	68	63	37	64	69	77	77	74	67
8	50	143	95	47	49	58	53	64	27	59	67	67	64	57
9	55	148	100	52	54	63	58	69	59	32	72	71	69	62
10	63	156	108	60	62	71	66	77	67	72	40	80	77	70
11	63	156	108	60	62	71	66	77	67	71	80	40	77	70
12	60	153	105	57	59	68	63	74	64	69	77	77	37	67
13	53	146	98	50	52	61	56	67	57	62	70	70	67	30

Label	
0	capital-common-countries
1	capital-world
2	city-in-state
3	currency
4	family
5	gram1-adjective-to-adverb
6	gram2-opposite
7	gram3-comparative
8	gram4-superlative
9	gram5-present-participle
10	gram6-nationality-adjective
11	gram7-past-tense
12	gram8-plural
13	gram9-plural-verbs

Color Meaning	
	Class alone
	$Combination = Sum$
	$0.9Sum < Combination < 1.1Sum$
	$Combination \leq 0.9Sum$
	$Combination \geq 1.1Sum$