| Number of required components to represent each combination | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **0** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** |
| **0** | 18 | 62 | 49 | 30 | 31 | 37 | 35 | 40 | 36 | 38 | 37 | 42 | 40 | 35 |
| **1** | 62 | 62 | 76 | 62 | 68 | 71 | 70 | 73 | 70 | 72 | 67 | 73 | 73 | 70 |
| **2** | 49 | 76 | 39 | 49 | 49 | 54 | 53 | 55 | 53 | 54 | 54 | 58 | 55 | 52 |
| **3** | 30 | 62 | 49 | 19 | 31 | 39 | 36 | 41 | 38 | 39 | 38 | 43 | 41 | 37 |
| **4** | 31 | 68 | 49 | 31 | 16 | 36 | 35 | 39 | 36 | 38 | 39 | 41 | 39 | 35 |
| **5** | 37 | 71 | 54 | 39 | 36 | 24 | 40 | 46 | 42 | 43 | 44 | 47 | 46 | 41 |
| **6** | 35 | 70 | 53 | 36 | 35 | 40 | 21 | 43 | 40 | 42 | 43 | 45 | 44 | 39 |
| **7** | 40 | 73 | 55 | 41 | 39 | 46 | 43 | 27 | 40 | 45 | 46 | 49 | 48 | 44 |
| **8** | 36 | 70 | 53 | 38 | 36 | 42 | 40 | 40 | 23 | 43 | 43 | 46 | 45 | 41 |
| **9** | 38 | 72 | 54 | 39 | 38 | 43 | 42 | 45 | 43 | 25 | 46 | 44 | 47 | 39 |
| **10** | 37 | 67 | 54 | 38 | 39 | 44 | 43 | 46 | 43 | 46 | 29 | 48 | 47 | 43 |
| **11** | 42 | 73 | 58 | 43 | 41 | 47 | 45 | 49 | 46 | 44 | 48 | 29 | 50 | 45 |
| **12** | 40 | 73 | 55 | 41 | 39 | 46 | 44 | 48 | 45 | 47 | 47 | 50 | 27 | 44 |
| **13** | 35 | 70 | 52 | 37 | 35 | 41 | 39 | 44 | 41 | 39 | 43 | 45 | 44 | 22 |

| 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 |
| | $Combination = Sum$ |
| | $0.9Sum < Combination < 1.1Sum$ |
| | $Combination \leq 0.9Sum$ |
| | $Combination \geq 1.1Sum$ |