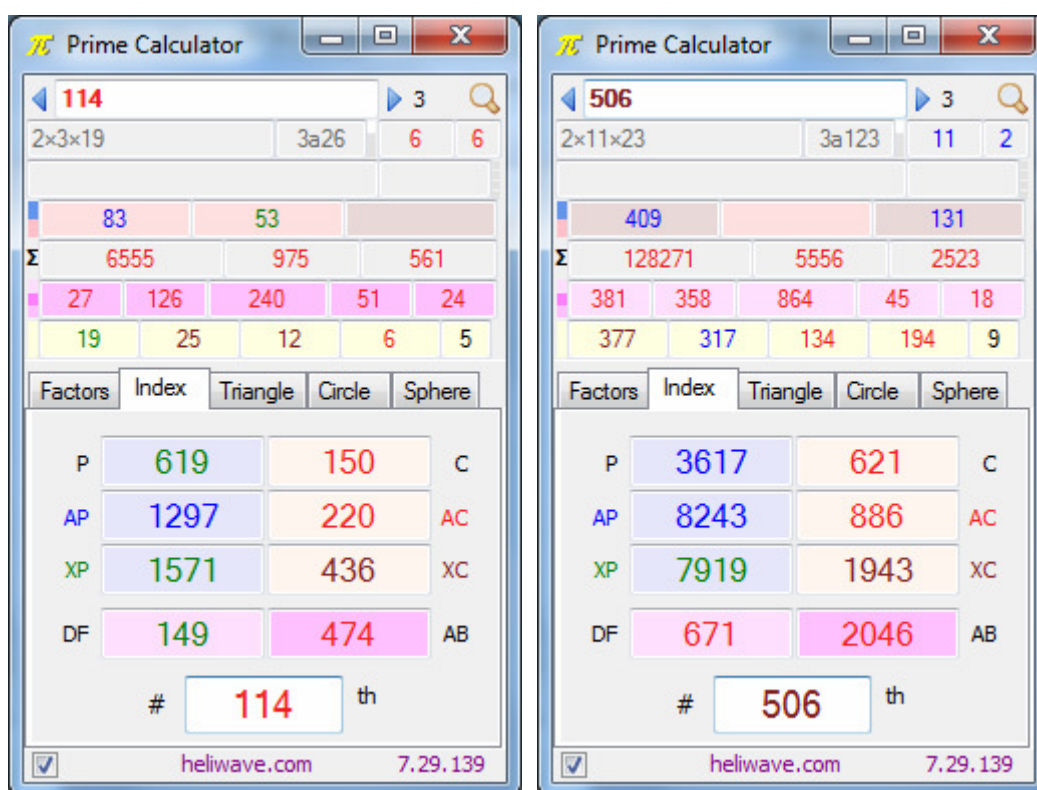


## Twin Numbers: 114 and 506

DEFINITIONS	<b>The Unit</b>	{U} = Whole number that is indivisible.
	<b>Prime number</b>	{P} = Whole number divisible by itself only.
	<b>Additive Prime</b>	{AP} = Prime with a prime digit sum.
	<b>Non-additive Prime</b>	{XP} = Prime with a non-prime digit sum.
	<b>Composite number</b>	{C} = Whole number divisible by itself and others.
	<b>Additive Composite</b>	{AC} = Composite with a composite digit sum.
	<b>Non-additive Composite</b>	{XC} = Composite with a non-composite digit sum.



PrimeCalculator is open-source software from <http://qurancode.com>

$$\begin{aligned}
 114 \div 2 &= 57 \\
 \text{median}(1..57) &= 29 \\
 57 \times 29 &= 1653 \\
 16^{\text{th}} \text{ prime} &= 53
 \end{aligned}$$

$$\begin{aligned}
 506 \div 2 &= 253 \\
 \text{median}(1..253) &= 127 \\
 253 \times 127 &= 32131 \\
 32^{\text{nd}} \text{ prime} &= 131
 \end{aligned}$$

$$P114 = 619 \qquad 114 + 506 = 620 \qquad C506 = 621$$

$$\begin{aligned}
 XC114 + AC114 - C114 &= 506 \\
 436 + 220 - 150 &= 506
 \end{aligned}$$

$$\begin{aligned}
 XC506 - AC506 - C506 &= XC114 \\
 1943 - 886 - 619 &= 436
 \end{aligned}$$

16	prime	numbers with prime	digit sums up to 114
53	composite	numbers with composite	digit sums up to 114
42	prime	numbers with non-prime	digit sums up to 506
131	composite	numbers with non-composite	digit sums up to 506

**16** prime numbers with prime digit sums up to **114**:

2, 3, 5, 7, 11, 23, 29, 41, 43, 47, 61, 67, 83, 89, 101, 113.

**53** composite numbers with composite digit sums up to **114**:

4, 6, 8, 9, 15, 18, 22, 24, 26, 27, 28, 33, 35, 36, 39, 40, 42, 44, 45, 46, 48, 51, 54, 55, 57, 60, 62, 63, 64, 66, 68, 69, 72, 75, 77, 78, 80, 81, 82, 84, 86, 87, 88, 90, 91, 93, 95, 96, 99, 105, 108, 112, 114.

**42** prime numbers with non-prime digit sums up to **506**:

13, 17, 19, 31, 37, 53, 59, 71, 73, 79, 97, 103, 107, 109, 127, 149, 163, 167, 181, 211, 233, 239, 251, 257, 271, 277, 293, 307, 347, 349, 367, 383, 389, 419, 431, 433, 439, 457, 479, 491, 499, 503.

**32** non-additive primes with a digit sum  $\neq 10$

**10** non-additive primes with a digit sum  $= 10$

$19 + 37 + 73 + 109 + 127 + 163 + 181 + 271 + 307 + 433 = 1720$

Sum of the first 31 prime numbers from 2 to 127 = 1720

**131** composite numbers with non-composite digit sums up to **506**:

10, 12, 14, 16, 20, 21, 25, 30, 32, 34, 38, 49, 50, 52, 56, 58, 65, 70, 74, 76, 85, 92, 94, 98, 100, 102, 104, 106, 110, 111, 115, 119, 120, 122, 124, 128, 133, 140, 142, 146, 148, 155, 160, 164, 166, 175, 182, 184, 188, 200, 201, 203, 205, 209, 210, 212, 214, 218, 221, 230, 232, 236, 238, 245, 247, 250, 254, 256, 265, 272, 274, 278, 287, 289, 290, 292, 296, 298, 300, 302, 304, 308, 319, 320, 322, 326, 328, 335, 340, 344, 346, 355, 362, 364, 368, 371, 377, 380, 382, 386, 388, 391, 395, 403, 407, 410, 412, 416, 418, 425, 427, 430, 434, 436, 445, 452, 454, 458, 469, 470, 472, 476, 478, 481, 485, 490, 494, 496, 500, 502, 506.

The **number** of **4**-chapter groups in the Quran with chapter sum = **229** and verse count = **229** is **229**.

**16** **4**-chapter groups have an **additive prime** word sum and

**53** **4**-chapter groups have a **non-additive composite** word sum.

The image displays three instances of the QuranLab software interface, each showing search results for 4-chapter groups with a chapter sum of 229. The first window shows 299 matches, the second shows 16 matches with an 'AP' (Additive Prime) label, and the third shows 53 matches with an 'XC' (Non-additive Composite) label. Each window includes fields for Chapter Count, Chapter Sum, Verse Count, Word Count, Letter Count, C+V Sum, C-V Sum, CxV Sum, and Match Count, along with checkboxes for output fields and format.

QuranLab is open-source software from <http://qurancode.com>

Outer Quran (القرآن العظيم) === **114** chapters with chapter #**57** = **29** Verses  
 Inner Quran (القرآن الكريم) =?= **506** chapters with chapter #**253** = **127** Verses

Inner Quran = قرآن كريم in Simplified29\_Alphabet\_Primes1 = **506**

انه لقرآن كريم في كتب مكنون لا يمسه الا المطهرون تنزيل من رب العلمين	
Simplified29	
Chapters	Σ56 1
Verses	Σ77 1
Words	Σ5 2
Letters	Σ30 9
Alphabet_Primes1	
+ Value	506

Inner Quran = قرآن كريم in Simplified28\_Abjad\_Gematria = **621** = **C506**

انه لقرآن كريم في كتب مكنون لا يمسه الا المطهرون تنزيل من رب العلمين	
Simplified28	
Chapters	Σ56 1
Verses	Σ77 1
Words	Σ5 2
Letters	Σ24 8
Abjad_Gematria	
+ Value	621

Quran 33:33

إِنَّمَا يُرِيدُ اللَّهُ لِيُذْهِبَ عَنْكُمُ الرِّجْسَ أَهْلَ الْبَيْتِ وَيُطَهِّرَكُمْ تَطْهِيرًا...

"..., Indeed Allah wants to keep impurities away from you, People of the Household, and purify you thoroughly."

in Simplified29\_Frequency\_4n+1Primes = **2803** = **P409** where **C409** = **506**

People of the Household = المطهرون in Simplified29\_Alphabet\_Primes1 = **557**

انه لقرآن كريم في كتب مكنون لا يمسه الا المطهرون تنزيل من رب العلمين	
Simplified29	
Chapters	Σ56 1
Verses	Σ79 1
Words	Σ4 1
Letters	Σ36 8
Alphabet_Primes1	
+ Value	557

Prime Calculator	
557	3
557	1a102 17 8
4x139+1 = 19^2 + 14^2	48
102 55	
Σ 155403 6183 2781	
420 1 558 18 9	

Purification prayer اللَّهُمَّ صَلِّ عَلَى مُحَمَّدٍ وَعَالِ مُحَمَّدٍ in Simplified28\_Abjad\_Gematria = **557**

Simplified28	Abjad_Gematria
اللَّهُمَّ صَلِّ عَلَى مُحَمَّدٍ وَعَالِ مُحَمَّدٍ	+ User 557

$$\text{Fermat's Prime} = 4n + 1 = a^2 + b^2$$

$$557 = 4(139) + 1 = 19^2 + 14^2$$

The Key (الفاتحة) = 7 verses = 29 letters = 139 letters = 8317 in Simplified29\_Alphabet\_Primes1

Inner Quran (قراءان كريم) = Bismallah (بسم الله الرحمن الرحيم) = **1034** in Primalogy

Bismallah (بسم الله الرحمن الرحيم) = **114** in Simplified28\_Frequency\_Linear  
 Islam's Testimony (شهادة الإسلام) = **114** in Simplified28\_Frequency\_Linear  
 Islam's Testimony (شهادة الإسلام) = **619** in Simplified28\_Abjad\_Gematria

"Allah" = Purification prayer = **557** = **4(139) + 1** in Primalogy

The Key (الفتاحة) = 7 verses = 29 letters = 139 letters = **8317** in Simplified29\_Alphabet\_Primes1  
 The Key (الفتاحة) = 139 letters with 124 diacritics with 56 dots where **139 + 124 = 263 = P56**