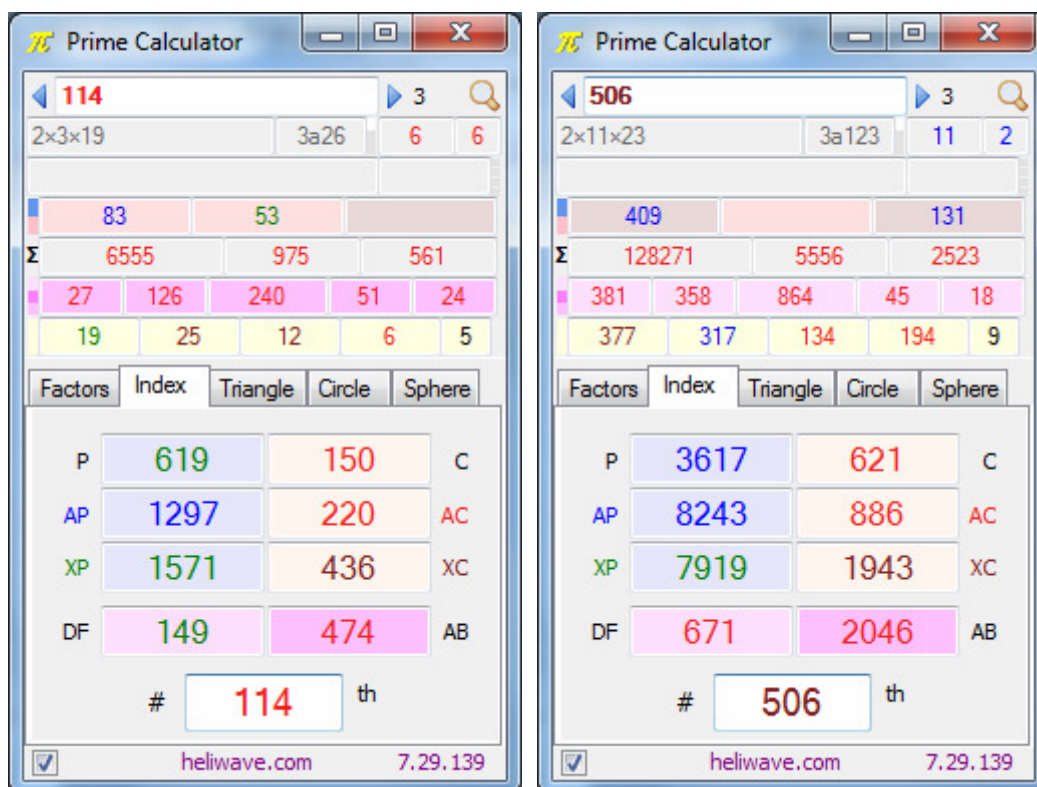


# Twin Numbers: 114 and 506

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



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

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

$$\begin{aligned}
 P114 &= 114^{\text{th}} \text{ prime number} = 619 \\
 C506 &= 506^{\text{th}} \text{ composite number} = 621 \\
 \text{where } 114 + 506 &= 620
 \end{aligned}$$

$$\begin{aligned}
 C114 &= 114^{\text{th}} \text{ composite number} = 150 \\
 AC114 &= 114^{\text{th}} \text{ composite number with a composite digit sum} = 220 \\
 XC114 &= 114^{\text{th}} \text{ composite number with a non-composite digit sum} = 436 \\
 \text{where } XC114 + AC114 - C114 &= 506 \\
 436 + 220 - 150 &= 506
 \end{aligned}$$

$$\begin{aligned}
 C506 &= 506^{\text{th}} \text{ composite number} = 621 \\
 AC506 &= 506^{\text{th}} \text{ composite number with a composite digit sum} = 886 \\
 XC506 &= 506^{\text{th}} \text{ composite number with a non-composite digit sum} = 1943 \\
 \text{where } XC506 - AC506 - C506 &= XC114 \\
 1943 - 886 - 619 &= 436
 \end{aligned}$$

**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.

There are **229** 4-chapter groups with

sum of chapter numbers  $= 229$

sum of chapter verses  $= 229$

**16** groups have an additive prime word sum, and

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

The image shows two side-by-side screenshots of the QuranLab application window. Both windows have the title 'QuranLab - 7.29.139.8317' and a header with the Basmala in Arabic and English. The main interface contains several input fields for search criteria: Chapter Count (4), Chapter Sum (229), Verse Count (Number, 229), Word Count (Number, 0), Letter Count (Number, 0), C + V Sum (Number, 0), C - V Sum (Number, 0), C x V Sum (Number, 0), and Match Count (Number, 0). Below these fields are buttons for 'View' and 'Count'. At the bottom, there are checkboxes for 'Output Fields' (C, V, W, L), 'Output Format' (000, Dot, Tab), and a section for 'Match Count' and 'Elapsed Time'. The left window shows a 'Match Count' of 16, while the right window shows a 'Match Count' of 53. The right window also has a red 'XC' label next to the Word Count field.

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

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

Simplified29	
Chapters	Σ56 1
Verses	Σ77 1
Words	Σ5 2
Letters	Σ30 9
Alphabet_Primes1	
+ Value	506

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

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 send all impurities away from you,  
 O People of the Household, and purify you thorough purification."

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

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
4×139+1 = 19 <sup>2</sup> + 14 <sup>2</sup>	48
102	55
Σ 155403	6183 2781
420	1 558 18 9

with the purification phrase **اللَّهُمَّ صَلِّ عَلَى مُحَمَّدٍ وَعَالِ مُحَمَّدٍ** in Simplified28\_Abjad\_Gematria = **557**

Simplified28	
Abjad_Gematria	
+ User	557

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

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

Quran chapter #1 The Key (الفاتحة) contains 139 letters.

## Related Texts and Number Patterns

User Text: **انه لقراءان كريم**

Alphabet\_AdditivePrimes1

+ User: **1034**

2x11x47    3a260    8    8

859    594

User Text: **بسم الله الرحمن الرحيم**

Alphabet\_Primes1

+ User: **1034**

User Text: **بسم الله الرحمن الرحيم**

Simplified28

Frequency\_Linear

+ User: **114**

2x3x19    3a26    6    6

83    53

Σ 6555    975    561

27    126    240    51    24

19    25    12    6    5

User Text: **لَا إِلَهَ إِلَّا اللَّهُ  
مُحَمَّدٌ رَسُولُ اللَّهِ**

Frequency\_Linear

+ User: **114**

2x3x19    3a26    6    6

83    53

Σ 6555    975    561

User Text: **لَا إِلَهَ إِلَّا اللَّهُ  
مُحَمَّدٌ رَسُولُ اللَّهِ**

Abjad\_Gematria

+ User: **619**

619    1a114    16    7

4x155-1    59

114    53

Σ 191890    7120    3088

**Verse** 5056    **Word** 69404    **Letter** 288927

Mishary Rashid Al-Afasy

Σ base <10> ÷ <19>

Simplified28

Chapters Σ0    1

Verses Σ0    1

Words Σ0    6

Letters Σ0    21

Abjad\_Gematria

+ User: **557**

557    1a102    17    8

4x139+1 = 19^2 + 14^2    48

Alphabet\_AdditivePrimes1

+ User: **557**

557    1a102    17    8

4x139+1 = 19^2 + 14^2    48

102    55

[www.qurancode.com](http://www.qurancode.com)