



## Cryptography – Crack the Key – 450 Points :

Crack the Key - Points: 450 - (Solves: 211)

Cryptography - Solved

Solve

Hints

On one of my **frequent** walks through the woods, I stumbled upon this old French scroll with the title "le chiffre indéchiffrable." Remember to submit as `peaCTF{plaintext_key}`.

Ciphertext

### Hint :

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Cryptography - Solved

Solve

Hints

The text is guaranteed to be in modern English with regular letter frequencies.

First, download the attachment file.



Open it, you will see a cipher like that.



The challenge description put us in wrong direction, i tried to decode with frequency letter. But as said the hint, the text will be in modern English with regular letter frequencies. If we google, « le chiffre indéchiffrable » we found vigenere cipher.

So let's decode it with online vigenere solver.

Source : <https://www.guballa.de/vigenere-solver>

As said the hint, choose classical vigenere on cipher variant and english as language then press break cipher.

**Cipher Text:**

```
DVMDVRWOUISIERRRGNVMWPOPGTOHSBUIHTCSSMJIVUWEXHTCTKZKFXIENWT  
DDOVMEOWDZRQEBQPVLFWKJBGL  
EEDALGCIVLQGLTWTCTMFXSIAQTLTUGZQZZWOPVGIRCSLRUZRJUQBQSPXGJM  
GTPRPUGRSIVRGUDAFXHTNLVBF  
ZMQSFUWTWTFSWHIGXHTQLGCUSRGLIWWXXWJCDAIFXGAPDWGWFHTZSVOBIS  
ITRVUTTVRTWTDGMCPHGGNRDB  
POIZZWPGHITTDQPHOYIUTUEWJDCPWORWDAZREDNHYSJZRJPAFSOCPDXZVPLV  
PGMNIWPFWUVRDUJINIDFXLYIUTE
```

**Cipher Variant:** Classical Vigenere

**Language:** English

**Key Length:** 3-30  
(e.g. 8 or a range e.g. 6-10)

**Buttons:** Break Cipher, Clear Cipher Text

Decoded output :

**Result**

**Clear text** [\[hide\]](#)

Clear text using key "redpineapples":

```
MRJONESOFTHEMANORFARMHADLOCKEDTHEHENHOUSESFORTHENIGHTBUTWASTOODRUNKT  
OREMEMBERTOSHUTTH  
EPOPHOLESWITHTHERINGOFLIGHTFROMHISLANTERNANDANCINGFROMSIDETOSIDEHELURC  
HEDACROSSTHEYARDKIC  
KEDOFFHISBOOTSATTHEBACKDOORDREWHIMSELFALASTGLASSOFBEERFROMTHEBARRELI  
NTHESCULLERYANDM  
ADEHISWAYUPTOBEDWHERE MRSJONESWASALREADY SNORINGASSOONASTHELIGHTINTHEB  
EDROOMWENTOUTTHEREW
```

The flag was the key « redpineapples ».

Flag = peaCTF{redpineapples}