Discussion
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Code Golf: $zcvt(str, "LEET")

Leet (or "1337"), also known as eleet or leetspeak, is a system of modified spellings used primarily on the Internet. It often uses character replacements in ways that play on the similarity of their glyphs via reflection or other resemblance. Additionally, it modifies certain words based on a system of suffixes and alternate meanings. There are many dialects or linguistic varieties in different online communities. [Wikipedia](#)

You'll have to translate a string into a LeetSpeak.
As usual shortest solution wins.

Input

"Listen"

Output

1¦573n

Note

- You must not repeat the same letter consecutively. The order of keys in the reference table is important!
  - example: Eeee must be 3€3€
- The parameter could contain space
- The set of used punctuation is ,.!?
- Punctuation should be kept in your return string
- If a key does not exist for a character on referece table below, keep the character as is.
  - example: He must be H3
- Use [this code to check the result length](#)
- You can also [use this test case here](#)

Reference

Letter	Key(s)
A	"4", "@ "
B	"¦3", "8"
C	"(", "<"
E	"3", "€"
G	"9", "6"
I	"¦", "]"
K	"¦<", "¦{"
L	"1", "£"
O	"0", "*"
S	"5", "$"
T	"7", "+"
X	"><", "}{"
Z	"2", "⨎"

Rules

1. The signature of the contest entry MUST be:

```
Class codeGolf.Leet
{

ClassMethod Convert(a As %String) As %String
{
  ; your code here
}

}
```

2. It is forbidden to modify class/signature, including but not limited to:

- Adding inheritance
- Setting default argument values
- Adding class elements (Parameters, Methods, Includes, etc).

3. It is forbidden to refer to non-system code from your entry. For example, this is not a valid entry:

```
ClassMethod Convert(a As %String) As %String
{
  q ##class(myPackage.myClass).test(a)
}
```

4. The use of $ZWPACK and $ZWBPACK is also discouraged.

#Code Golf #Code Snippet #InterSystems IRIS

Source URL:https://community.intersystems.com/post/code-golf-zcvtstr-leet