

iemisc: Sound Frequencies & Nikola Tesla's 3-6-9 Theory

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In this document, the significance of the numbers: 3, 6, and 9 are displayed through the reduction of the numbers associated with musical frequencies (the Solfeggio frequencies & a few A and C notes) to a single digit number. This reduction is done through the `reduce_single_digit` function of the `iemisc` R package that Irucka created and maintains. The `reduce_single_digit` function description is provided below.

The Useful References section near the end of this document provides Internet links that explain the significance of the sound frequencies of music and/or the importance of the single digits: 3, 6, and 9.

All 9 Solfeggio Frequencies

What is the single digit number associated with these frequencies?

```
library(iemisc)
```

```
reduce_single_digit("174 Hz")
```

```
## [1] 3
```

```
reduce_single_digit("285 Hz")
```

```
## [1] 6
```

```
reduce_single_digit("396 Hz")
```

```
## [1] 9
```

```
reduce_single_digit("417 Hz")
```

```
## [1] 3
```

```
reduce_single_digit("528 Hz")
```

```
## [1] 6
```

```
reduce_single_digit("639 Hz")
```

```
## [1] 9
```

```
reduce_single_digit("741 Hz")
```

```
## [1] 3
```

```
reduce_single_digit("852 Hz")
```

```
## [1] 6
```

```
reduce_single_digit("963 Hz")
```

```
## [1] 9
```

A and C Musical Frequencies

What is the single digit number associated with these A and C notes?

```
reduce_single_digit("432 Hz") # A = 432 Hertz
```

```
## [1] 9
```

```
reduce_single_digit("440 Hz") # A = 440 Hertz
```

```
## [1] 8
```

```
reduce_single_digit("444 Hz") # A = 444 Hertz
```

```
## [1] 3
```

```
reduce_single_digit("128 Hz") # C = 128 Hertz
```

```
## [1] 2
```

```
reduce_single_digit("256 Hz") # C = 256 Hertz
```

```
## [1] 4
```

```
reduce_single_digit("512 Hz") # C = 512 Hertz
```

```
## [1] 8
```

```
reduce_single_digit("528 Hz") # C = 528 Hertz
```

```
## [1] 6
```

R Help for iemisc Function

Please refer to the `iemisc` [<https://CRAN.R-project.org/package=iemisc>] help definition for the `reduce_single_digit` function below for more information on the function, including references for the significance of the individual numbers 1 - 9:

```
## <environment: namespace:printr>
```

```
help(reduce_single_digit, package = "iemisc")
```

Reduce an Integer, a Date (Time), or a Number (with or without Decimals) to a Single Integer

Description:

Takes a character vector coercible to a date using 'anydate' or a date time using 'anytime'; a character vector with numbers; a numeric vector; or an integer vector & computes the sum to a single digit using 'Mod_octave'

The vectors may include periods, dashes, parentheses, colons, and/or spaces. See the examples.

Usage:

```
reduce_single_digit(string)
```

Arguments:

string: character vector coercible to a date using 'anytime' or a date time using 'anytime'; a numeric vector; or an integer vector

Value:

a numeric vector with a single digit (integer from 0 - 9)

Author(s):

Irucka Embry

References:

1. Numerology.com, "Number 9 Meaning",
<<https://www.numerology.com/articles/about-numerology/single-digit-number-9-meaning/>>.
2. Numerology.com, "Numerology Numbers 1-9: Exploring the single digit numbers in Numerology",
<<https://www.numerology.com/articles/about-numerology/single-digit-numbers-in-numerology/>>.
3. GeeksforGeeks, Last updated on 13 Jun, 2022, "Finding sum of digits of a number until sum becomes single digit",
<<https://www.geeksforgeeks.org/finding-sum-of-digits-of-a-number-until-sum-becomes-single-digit/>>
4. Wikimedia Foundation, Inc. Wikipedia, 18 November 2022, "Digital root", <https://en.wikipedia.org/wiki/Digital_root>.

Examples:

```
# Please refer to the iemisc: Sound Frequencies & Nikola Tesla's 3-6-9 Theory  
# vignette  
# https://www.ecoccs.com/R\_Examples/SoundFrequencies-and-3-6-9.pdf for  
# additional examples
```

```
# Examples
```

```
library(iemisc)
```

```
reduce_single_digit(37)
```

```
reduce_single_digit(5094322.439344993211394)
```

```
reduce_single_digit(-438443.349435493)
```

```
reduce_single_digit("-48373744582.47362287482374")
```

```
reduce_single_digit("11-09-2022")
```

```

reduce_single_digit("2001/01/31")

reduce_single_digit("24 December 1983 04:37:58.55543333")

reduce_single_digit("4 July 1776")

reduce_single_digit(9)

reduce_single_digit(0)

reduce_single_digit(94321155)

reduce_single_digit("011 (704) 904-0432")

reduce_single_digit("011-894-908-0945")

reduce_single_digit("908-0945")

datess <- seq(as.Date("2001/07/17"), as.Date("2001/08/03"), by = "day")
datess
xt <- sapply(datess, reduce_single_digit)
xt
datess[which(xt == 3 | xt == 6 | xt == 9)]

```

Useful References

EcoC²S [Irucka Embry): Resources for a Healthier You (Resources to help us take responsibility back to heal ourselves and each other): **Healing Through the Healing Vibrations of Sound Frequencies** [<https://www.ecoccs.com/healing.html#music>]

432 Hz vs 440 Hz Uploaded by WE VIBE HIGH on Dec 7, 2014 (YouTube video) [<https://inv.nadeko.net/watch?v=wZWDWXkVoOs>]

Brendan D. Murphy, Wake Up World: The A=432 Hz Frequency: DNA Tuning and the Bastardization of Music, [<https://web.archive.org/web/20210526035709/https://wake-up-world.com/2015/08/26/the-a432-hz-frequency-dna-tuning-and-the-bastardization-music/>] {Recovered with the Internet Archive: Wayback Machine}

Meditative Mind: Nicola Tesla's 3-6-9 Theory: What You Need To Know [<https://meditativemind.org/nicola-teslas-3-6-9-theory-what-you-need-to-know%EF%BF%BC/>]

Medical Veritas Inc.: 528 Frequency Archives [<https://medicalveritas.org/category/528-frequency/>]

Schiller Institute and Fidelio Online: A Revolution in Musical Tuning: Return to Verdi's Scientific Pitch C=256 Hertz [<https://archive.schillerinstitute.com/music/revolution.html>]

Solfeggio Guide: Solfeggio Frequency Guide [<https://solfeggioguide.com/solfeggio-frequency-guide/>]

Sondra Barrett. The Universal Law of 3 – it works! May 27, 2022 [<https://sondrabarrett.com/2022/05/27/the-universal-law-of-3-it-works/>]

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