

**NAME**

**ciaaw** - Command line for ciaaw

**SYNOPSIS**

**ciaaw** [OPTION...] [ELEMENT...]

**DESCRIPTION**

**ciaaw** is a command line interface which provides the atomic weights, the isotopic compositions and the nuclides atomic weights. If no element is provided the full periodic table is displayed.

**OPTIONS**

**o --saw, -s**

Get the standard atomic weight.

**o --ice, -i**

Get the isotopic composition.

**o --naw, -n**

Get the nuclide atomic weight.

**o --mu, -m**

Get the molar masses in g/mol by multiplying the atomic weights by the molar mass constant  $M_u$ .

**o --colnames, -c**

Show the headers in the outputs.

**o --usage, -u**

Show usage text and exit.

**o --help, -h**

Show help text and exit.

**o --verbose, -V**

Display additional information when available.

**o --version, -v**

Show version information and exit.

**EXAMPLE**

Minimal example

```
ciaaw
ciaaw H C B O Zr Nb --saw --ice --naw --colnames
ciaaw H C B O Zr Nb -sinc
```

**SEE ALSO**

**ciaaw(3)**, **codata(3)**