Chemistry API Docs:

This is a public JSON based API,which provides information about chemical elements.Ideal to use in any of your Chemistry related projects.It works fine with java,python and Javascript.

Base URL:

|  |  |  |
| --- | --- | --- |
| Sl no | Endpoints | Sample Response |
| 1. | /elements  This endpoint,returns information about all the elements at one time.  URL: |  |
| 2. | /elements/:element  This endpoint,returns JSON information about a specific elements.Just search the element you want to search.  Sample URL: | {  "appearance": "colorless gas",  "atomic\_mass": 1.008,  "boil": 20.271,  "category": "diatomic nonmetal",  "color": null,  "density": 0.08988,  "discovered\_by": "Henry Cavendish",  "melt": 13.99,  "molar\_heat": 28.836,  "named\_by": "Antoine Lavoisier",  "number": 1,  "period": 1,  "phase": "Gas",  "source": "https://en.wikipedia.org/wiki/Hydrogen",  "spectral\_img": "https://en.wikipedia.org/wiki/File:Hydrogen\_Spectra.jpg",  "summary": "Hydrogen is a chemical element with chemical symbol H and atomic number 1. With an atomic weight of 1.00794 u, hydrogen is the lightest element on the periodic table. Its monatomic form (H) is the most abundant chemical substance in the Universe, constituting roughly 75% of all baryonic mass.",  "symbol": "H",  "xpos": 1,  "ypos": 1,  "shells": [  1  ],  "electron\_configuration": "1s1",  "electron\_affinity": 72.769,  "electronegativity\_pauling": 2.2,  "ionization\_energies": [  1312  ]  } |