

	Subject	Value
0	Name	Hydrogen
1	Appearance	colorless gas
2	Atomic mass	1.008
3	Boil	20.271
4	Category	diatomic nonmetal
5	Density	0.08988
6	Discovered by	Henry Cavendish
7	Melt	13.99
8	Molar heat	28.836
9	Named by	Antoine Lavoisier
10	Number	1
11	Period	1
12	Group	1
13	Phase	Gas
14	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.
15	Symbol	H
16	Xpos	1
17	Ypos	1
18	Wxpos	1
19	Wypos	1
20	Shells	[1]
21	Sorted electron configuration	1s1
22	Electron configuration	1s1
23	Electron configuration semantic	1s1
24	Electron affinity	72.769
25	Electronegativity pauling	2.2
26	Ionization energies	[1312]
27	Cpk-hex	ffffff
28	Block	s