

Boiling and Melting Points of the Elements

Name	Atomic Mass	Number	Boiling Point (K)	Melting Point (K)	Boiling Point (°F)	Melting Point (°F)
Hydrogen	1.00794	1	20.28	14.01	-423.3	-434.5
Helium	4.0026	2	4.22	N/A	-452	N/A
Lithium	6.941	3	1,615	453.69	2,447	356.97
Beryllium	9.01218	4	2,743	1,560	4,478	2,348
Boron	10.811	5	4,273	2,348	7,332	3,767
Carbon	12.011	6	4,300	3,823	7,280	6,422
Nitrogen	14.0067	7	77.36	63.05	-320.4	-346.2
Oxygen	15.9994	8	90.2	54.8	-297	-361
Fluorine	18.9984	9	85.03	53.5	-306.6	-363
Neon	20.1797	10	27.07	24.56	-410.9	-415.5
Sodium	22.98977	11	1,156	370.87	1,621	207.90
Magnesium	24.305	12	1,363	923	1,994	1,200
Aluminum	26.98154	13	2,792	933.47	4,566	1,220.6
Silicon	28.0855	14	3,173	1,687	5,252	2,577
Phosphorus	30.97376	15	553.6	317.3	536.8	111.5
Sulfur	32.066	16	717.87	388.36	832.50	239.38
Chlorine	35.4527	17	239.11	171.6	-29.272	-150.8
Argon	39.948	18	87.3	83.8	-303	-309
Potassium	39.0983	19	1,032	336.53	1,398	146.08
Calcium	40.078	20	1,757	1,115	2,703	1,547
Scandium	44.9559	21	3,103	1,814	5,126	2,806
Titanium	47.88	22	3,560	1,941	5,948	3,034
Vanadium	50.9415	23	3,680	2,183	6,164	3,470
Chromium	51.996	24	2,944	2,180	4,840	3,464
Manganese	54.938	25	2,334	1,519	3,742	2,275
Iron	55.847	26	3,134	1,811	5,182	2,800
Cobalt	58.9332	27	3,200	1,768	5,300	2,723
Nickel	58.6934	28	3,186	1,728	5,275	2,651
Copper	63.546	29	2,835	1,357.77	4,643	1,984.32
Zinc	65.39	30	1,180	692.68	1,664	787.15

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Gallium	69.723	31	2,477	302.91	3,999	85.568
Germanium	72.61	32	3,093	1,211.4	5,108	1,720.9
Arsenic	74.9216	33	887	1,090	1,140	1,502
Selenium	78.96	34	958	494	1,260	430
Bromine	79.904	35	332	265.8	138	18.77
Krypton	83.8	36	119.93	115.79	-243.80	-251.25
Rubidium	85.4678	37	961	312.46	1,270	102.76
Strontium	87.62	38	1,655	1,050	2,519	1,430
Yttrium	88.9059	39	3,618	1,799	6,053	2,779
Zirconium	91.224	40	4,682	2,128	7,968	3,371
Niobium	92.9064	41	5,017	2,750	8,751	4,490
Molybdenum	95.94	42	4,912	2,896	8,382	4,753
Technetium	98	43	4,538	2,430	7,709	3,914
Ruthenium	101.07	44	4,423	2,607	7,502	4,233
Rhodium	102.9055	45	3,968	2,237	6,683	3,567
Palladium	106.42	46	3,236	1,828.05	5,365	2,830.82
Silver	107.868	47	2,435	1,234.93	3,923	1,763.20
Cadmium	112.241	48	1,040	594.22	1,412	609.93
Indium	114.82	49	2,345	429.75	3,761	313.88
Tin	118.71	50	2,875	505.08	4,715	449.47
Antimony	121.757	51	1,860	903.78	2,888	1,167.1
Tellurium	127.6	52	1,261	722.66	1,810	841.12
Iodine	126.9045	53	457.4	386.85	363.7	236.66
Xenon	131.29	54	165.1	161.3	-162.5	-169.3
Cesium	132.9054	55	944	301.59	1,240	83.192
Barium	137.33	56	2,143	1,000	3,398	1,300
Lanthanum	138.9055	57	3,737	1,193	6,267	1,688
Cerium	140.12	58	3,633	1,071	6,080	1,468
Praseodymium	140.9077	59	3,563	1,204	5,954	1,708
Neodymium	144.24	60	3,373	1,294	5,612	1,870

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Promethium	145	61	3,273	1,373	5,432	2,012
Samarium	150.36	62	2,076	1,345	3,277	1,961
Europium	151.965	63	1,800	1,095	2,800	1,511
Gadolinium	157.25	64	3,523	1,586	5,882	2,395
Terbium	158.9253	65	3,503	1,629	5,846	2,473
Dysprosium	162.5	66	2,840	1,685	4,652	2,573
Holmium	164.9303	67	2,973	1,747	4,892	2,685
Erbium	167.26	68	3,141	1,770	5,194	2,726
Thulium	168.9342	69	2,223	1,818	3,542	2,813
Ytterbium	173.04	70	1,469	1,092	2,185	1,506
Lutetium	174.967	71	3,675	1,936	6,155	3,025
Hafnium	178.49	72	4,876	2,506	8,317	4,051
Tantalum	180.9479	73	5,731	3,290	9,856	5,462
Tungsten	183.35	74	5,828	3,695	10,030	6,191
Rhenium	186.207	75	5,869	3,459	10,100	5,767
Osmium	190.2	76	5,285	3,306	9,053	5,491
Iridium	192.22	77	4,701	2,739	8,002	4,471
Platinum	195.08	78	4,098	2,041.4	6,917	3,214.9
Gold	196.9665	79	3,129	1,337.33	5,173	1,947.52
Mercury	200.59	80	629.88	234.32	674.11	-37.894
Thallium	204.383	81	1,746	577	2,683	579
Lead	207.2	82	2,022	600.61	3,180	621.43
Bismuth	208.9804	83	1,837	544.4	2,847	520.3
Polonium	209	84	1,235	528	1,763	491
Astatine	210	85	623	575	662	575
Radon	222	86	211.3	202	-79.33	-96.1
Francium	223	87	923	294	1,200	69.5
Radium	226.0254	88	2,010	973	3,158	1,290
Actinium	227	89	3,473	1,323	5,792	1,922
Thorium	232.0381	90	5,093	2,023	8,708	3,182

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Protactinium	231.0359	91	4,273	1,845	7,232	2,861
Uranium	238.029	92	4,200	1,408	7,100	2,075
Neptunium	237.0482	93	4,273	917	7,232	1,190
Plutonium	244	94	3,505	913	5,846	1,180
Americium	243	95	2,284	1,449	1,664	787.15
Curium	247	96	3,383	1,618	5,630	2,453
Berkelium	247	97	N/A	1,323	N/A	1,922
Californium	251	98	N/A	1,173	N/A	1,652
Einsteinium	252	99	N/A	1,133	N/A	1,580
Fermium	257	100	N/A	1,800	N/A	2,800
Mendelevium	258	101	N/A	1,100	N/A	1,500
Nobelium	259	102	N/A	1,100	N/A	1,500
Lawrencium	266	103	N/A	1,900	N/A	3,000