

°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C
0.00	1.00000	3.80	1.01490	7.60	1.03017
0.10	1.00039	3.90	1.01529	7.70	1.03058
0.20	1.00078	<b>4.00</b>	1.01569	7.80	1.03098
0.30	1.00117	4.10	1.01609	7.90	1.03139
0.40	1.00156	4.20	1.01649	<b>8.00</b>	1.03180
0.50	1.00194	4.30	1.01688	8.10	1.03221
0.60	1.00233	4.40	1.01728	8.20	1.03262
0.70	1.00272	4.50	1.01768	8.30	1.03303
0.80	1.00312	4.60	1.01808	8.40	1.03344
0.90	1.00351	4.70	1.01848	8.50	1.03385
<b>1.00</b>	1.00390	4.80	1.01888	8.60	1.03426
1.10	1.00429	4.90	1.01928	8.70	1.03467
1.20	1.00468	<b>5.00</b>	1.01968	8.80	1.03508
1.30	1.00507	5.10	1.02008	8.90	1.03549
1.40	1.00546	5.20	1.02048	<b>9.00</b>	1.03590
1.50	1.00585	5.30	1.02088	9.10	1.03631
1.60	1.00624	5.40	1.02128	9.20	1.03672
1.70	1.00663	5.50	1.02168	9.30	1.03713
1.80	1.00702	5.60	1.02208	9.40	1.03755
1.90	1.00741	5.70	1.02248	9.50	1.03796
<b>2.00</b>	1.00780	5.80	1.02289	9.60	1.03837
2.10	1.00819	5.90	1.02329	9.70	1.03879
2.20	1.00859	<b>6.00</b>	1.02369	9.80	1.03920
2.30	1.00898	6.10	1.02409	9.90	1.03961
2.40	1.00937	6.20	1.02450	<b>10.00</b>	1.04003
2.50	1.00977	6.30	1.02490	10.10	1.04044
2.60	1.01016	6.40	1.02530	10.20	1.04086
2.70	1.01055	6.50	1.02571	10.30	1.04127
2.80	1.01094	6.60	1.02611	10.40	1.04169
2.90	1.01134	6.70	1.02652	10.50	1.04210
<b>3.00</b>	1.01173	6.80	1.02692	10.60	1.04252
3.10	1.01213	6.90	1.02733	10.70	1.04293
3.20	1.01252	<b>7.00</b>	1.02773	10.80	1.04335
3.30	1.01292	7.10	1.02814	10.90	1.04377
3.40	1.01331	7.20	1.02854	<b>11.00</b>	1.04418
3.50	1.01371	7.30	1.02895	11.10	1.04460
3.60	1.01410	7.40	1.02936	11.20	1.04502
3.70	1.01450	7.50	1.02976	11.30	1.04544

°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C
11.40	1.04585	15.20	1.06197	<b>19.00</b>	1.07853
11.50	1.04627	15.30	1.06240	19.10	1.07898
11.60	1.04669	15.40	1.06283	19.20	1.07942
11.70	1.04711	15.50	1.06326	19.30	1.07986
11.80	1.04753	15.60	1.06369	19.40	1.08030
11.90	1.04795	15.70	1.06412	19.50	1.08075
<b>12.00</b>	1.04837	15.80	1.06455	19.60	1.08119
12.10	1.04879	15.90	1.06499	19.70	1.08164
12.20	1.04921	<b>16.00</b>	1.06542	19.80	1.08208
12.30	1.04963	16.10	1.06585	19.90	1.08252
12.40	1.05005	16.20	1.06629	<b>20.00</b>	1.08297
12.50	1.05047	16.30	1.06672	20.10	1.08342
12.60	1.05090	16.40	1.06715	20.20	1.08386
12.70	1.05132	16.50	1.06759	20.30	1.08431
12.80	1.05174	16.60	1.06802	20.40	1.08475
12.90	1.05216	16.70	1.06845	20.50	1.08520
<b>13.00</b>	1.05259	16.80	1.06889	20.60	1.08565
13.10	1.05301	16.90	1.06933	20.70	1.08609
13.20	1.05343	<b>17.00</b>	1.06976	20.80	1.08654
13.30	1.05386	17.10	1.07020	20.90	1.08699
13.40	1.05428	17.20	1.07063	<b>21.00</b>	1.08744
13.50	1.05470	17.30	1.07107	21.10	1.08789
13.60	1.05513	17.40	1.07151	21.20	1.08834
13.70	1.05556	17.50	1.07194	21.30	1.08879
13.80	1.05598	17.60	1.07238	21.40	1.08923
13.90	1.05641	17.70	1.07282	21.50	1.08968
<b>14.00</b>	1.05683	17.80	1.07325	21.60	1.09013
14.10	1.05726	17.90	1.07369	21.70	1.09058
14.20	1.05769	<b>18.00</b>	1.07413	21.80	1.09103
14.30	1.05811	18.10	1.07457	21.90	1.09149
14.40	1.05854	18.20	1.07501	<b>22.00</b>	1.09194
14.50	1.05897	18.30	1.07545	22.10	1.09239
14.60	1.05940	18.40	1.07589	22.20	1.09284
14.70	1.05982	18.50	1.07633	22.30	1.09329
14.80	1.06025	18.60	1.07677	22.40	1.09375
14.90	1.06068	18.70	1.07721	22.50	1.09420
<b>15.00</b>	1.06111	18.80	1.07765	22.60	1.09465
15.10	1.06154	18.90	1.07809	22.70	1.09511

°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C
22.80	1.09556	26.60	1.11306	30.40	1.13105
22.90	1.09602	26.70	1.11353	30.50	1.13153
<b>23.00</b>	1.09647	26.80	1.11400	30.60	1.13201
23.10	1.09693	26.90	1.11447	30.70	1.13249
23.20	1.09738	<b>27.00</b>	1.11493	30.80	1.13297
23.30	1.09784	27.10	1.11540	30.90	1.13345
23.40	1.09829	27.20	1.11587	<b>31.00</b>	1.13394
23.50	1.09875	27.30	1.11634	31.10	1.13442
23.60	1.09921	27.40	1.11681	31.20	1.13490
23.70	1.09966	27.50	1.11728	31.30	1.13538
23.80	1.01001	27.60	1.11775	31.40	1.13587
23.90	1.10058	27.70	1.11822	31.50	1.13635
<b>24.00</b>	1.10104	27.80	1.11869	31.60	1.13683
24.10	1.10149	27.90	1.11916	31.70	1.13732
24.20	1.20295	<b>28.00</b>	1.11963	31.80	1.13780
24.30	1.10241	28.10	1.12010	31.90	1.13829
24.40	1.10287	28.20	1.12058	<b>32.00</b>	1.13877
24.50	1.10333	28.30	1.12105	32.10	1.13926
24.60	1.10370	28.40	1.12152	32.20	1.13974
24.70	1.10425	28.50	1.12199	32.30	1.14023
24.80	1.10471	28.60	1.12247	32.40	1.14072
24.90	1.10517	28.70	1.12294	32.50	1.14120
<b>25.00</b>	1.10564	28.80	1.12342	32.60	1.14169
25.10	1.10610	28.90	1.12389	32.70	1.14218
25.20	1.10656	<b>29.00</b>	1.12436	32.80	1.14267
25.30	1.10702	29.10	1.12484	32.90	1.14316
25.40	1.10748	29.20	1.12532	<b>33.00</b>	1.14364
25.50	1.10795	29.30	1.12579	33.10	1.14413
25.60	1.10841	29.40	1.12627	33.20	1.14462
25.70	1.10887	29.50	1.12674	33.30	1.14511
25.80	1.10934	29.60	1.12722	33.40	1.14560
25.90	1.10980	29.70	1.12770	33.50	1.14609
<b>26.00</b>	1.11027	29.80	1.12817	33.60	1.14658
26.10	1.11073	29.90	1.12865	33.70	1.14708
26.20	1.11120	<b>30.00</b>	1.12913	33.80	1.14757
26.30	1.11166	30.10	1.12961	33.90	1.14806
26.40	1.11213	30.20	1.13009	<b>34.00</b>	1.14855
26.50	1.11260	30.30	1.13057	34.10	1.14904

°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C
34.20	1.14954	38.00	1.16853	41.80	1.18806
34.30	1.15003	38.10	1.16904	41.90	1.18858
34.40	1.15052	38.20	1.16955	<b>42.00</b>	1.18910
34.50	1.15102	38.30	1.17006	42.10	1.18962
34.60	1.15151	38.40	1.17056	42.20	1.19014
34.70	1.15201	38.50	1.17107	42.30	1.19062
34.80	1.15250	38.60	1.17158	42.40	1.19119
34.90	1.15300	38.70	1.17209	42.50	1.19171
<b>35.00</b>	1.15350	38.80	1.17260	42.60	1.19224
35.10	1.15399	38.90	1.17311	42.70	1.19276
35.20	1.15449	<b>39.00</b>	1.17362	42.80	1.19329
35.30	1.15498	39.10	1.17413	42.90	1.19381
35.40	1.15548	39.20	1.17464	<b>43.00</b>	1.19434
35.50	1.15598	39.30	1.17515	43.10	1.19486
35.60	1.15648	39.40	1.17566	43.20	1.19539
35.70	1.15698	39.50	1.17618	43.30	1.19591
35.80	1.15747	39.60	1.17669	43.40	1.19644
35.90	1.15797	39.70	1.17720	43.50	1.19697
<b>36.00</b>	1.15847	39.80	1.17772	43.60	1.19749
36.10	1.15897	39.90	1.17823	43.70	1.19802
36.20	1.15947	<b>40.00</b>	1.17874	43.80	1.19855
36.30	1.15997	40.10	1.17926	43.90	1.19908
36.40	1.16047	40.20	1.17977	<b>44.00</b>	1.19961
36.50	1.16098	40.30	1.18029	44.10	1.20013
36.60	1.16148	40.40	1.18080	44.20	1.20066
36.70	1.16198	40.50	1.18132	44.30	1.20119
36.80	1.16248	40.60	1.18183	44.40	1.20172
36.90	1.16298	40.70	1.18235	44.50	1.20226
<b>37.00</b>	1.16349	40.80	1.18287	44.60	1.20279
37.10	1.16399	40.90	1.18339	44.70	1.20332
37.20	1.16449	<b>41.00</b>	1.18390	44.80	1.20385
37.30	1.16500	41.10	1.18442	44.90	1.20438
37.40	1.16550	41.20	1.18494	<b>45.00</b>	1.20491
37.50	1.16601	41.30	1.18546	45.10	1.20545
37.60	1.16652	41.40	1.18598	45.20	1.20598
37.70	1.16702	41.50	1.18650	45.30	1.20651
37.80	1.16752	41.60	1.18702	45.40	1.20705
37.90	1.16803	41.70	1.18754	45.50	1.20758

°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C
45.60	1.20812	49.40	1.22872	53.20	1.24987
45.70	1.20865	49.50	1.22927	53.30	1.25043
45.80	1.20919	49.60	1.22982	53.40	1.25099
45.90	1.20972	49.70	1.23037	53.50	1.25156
<b>46.00</b>	1.21026	49.80	1.23092	53.60	1.25212
46.10	1.21080	49.90	1.23147	53.70	1.25269
46.20	1.21133	<b>50.00</b>	1.23202	53.80	1.25325
46.30	1.31187	50.10	1.23257	53.90	1.25382
46.40	1.21241	50.20	1.23313	<b>54.00</b>	1.25439
46.50	1.21295	50.30	1.23368	54.10	1.25495
46.60	1.21349	50.40	1.23423	54.20	1.25552
46.70	1.21402	50.50	1.23478	54.30	1.25609
46.80	1.21456	50.60	1.23534	54.40	1.25666
46.90	1.21510	50.70	1.23589	54.50	1.25723
<b>47.00</b>	1.21564	50.80	1.23645	54.60	1.25780
47.10	1.21618	50.90	1.23700	54.70	1.25836
47.20	1.21673	<b>51.00</b>	1.23756	54.80	1.25893
47.30	1.21727	51.10	1.23811	54.90	1.25950
47.40	1.21781	51.20	1.23867	<b>55.00</b>	1.26007
47.50	1.21835	51.30	1.23922	55.10	1.26064
47.60	1.21889	51.40	1.23978	55.20	1.26122
47.70	1.21943	51.50	1.24034	55.30	1.26179
47.80	1.21998	51.60	1.24089	55.40	1.26236
47.90	1.22052	51.70	1.24145	55.50	1.26293
<b>48.00</b>	1.22106	51.80	1.24201	55.60	1.26350
48.10	1.22161	51.90	1.24257	55.70	1.26408
48.20	1.22215	<b>52.00</b>	1.24313	55.80	1.26465
48.30	1.22270	52.10	1.24369	55.90	1.26522
48.40	1.22324	52.20	1.24425	<b>56.00</b>	1.26580
48.50	1.22379	52.30	1.24481	56.10	1.26637
48.60	1.22434	52.40	1.24537	56.20	1.26695
48.70	1.22488	52.50	1.24593	56.30	1.26772
48.80	1.22543	52.60	1.24649	56.40	1.26810
48.90	1.22598	52.70	1.24705	56.50	1.26868
<b>49.00</b>	1.22652	52.80	1.24761	56.60	1.26925
49.10	1.22707	52.90	1.24818	56.70	1.26983
49.20	1.22762	<b>53.00</b>	1.24874	56.80	1.27041
49.30	1.22817	53.10	1.24930	56.90	1.27098

°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C
57.00	1.27156	60.80	1.29380	64.60	1.31661
57.10	1.27214	60.90	1.29439	64.70	1.31723
57.20	1.27272	<b>61.00</b>	1.29498	64.80	1.31784
57.30	1.27330	61.10	1.29559	64.90	1.31845
57.40	1.27388	61.20	1.29618	<b>65.00</b>	1.31905
57.50	1.27446	61.30	1.29677	65.10	1.31966
57.60	1.27504	61.40	1.29736	65.20	1.32028
57.70	1.27562	61.50	1.29796	65.30	1.32089
57.80	1.27620	61.60	1.29855	65.40	1.32150
57.90	1.27678	61.70	1.29915	65.50	1.32210
<b>58.00</b>	1.27736	61.80	1.29975	65.60	1.32271
58.10	1.27794	61.90	1.30034	65.70	1.32332
58.20	1.27853	<b>62.00</b>	1.30093	65.80	1.32393
58.30	1.27911	62.10	1.30153	65.90	1.32455
58.40	1.27969	62.20	1.30212	<b>66.00</b>	1.32516
58.50	1.28028	62.30	1.30273	66.10	1.32577
58.60	1.28086	62.40	1.30334	66.20	1.32638
58.70	1.28145	62.50	1.30393	66.30	1.32699
58.80	1.28203	62.60	1.30453	66.40	1.32759
58.90	1.28262	62.70	1.30513	66.50	1.32820
<b>59.00</b>	1.28320	62.80	1.30573	66.60	1.32884
59.10	1.28379	62.90	1.30633	66.70	1.32945
59.20	1.28437	<b>63.00</b>	1.30694	66.80	1.33007
59.30	1.28497	63.10	1.30754	66.90	1.33068
59.40	1.28555	63.20	1.30815	<b>67.00</b>	1.33129
59.50	1.28614	63.30	1.30875	67.10	1.33292
59.60	1.28672	63.40	1.30936	67.20	1.33254
59.70	1.28731	63.50	1.30994	67.30	1.33315
59.80	1.28789	63.60	1.31055	67.40	1.33377
59.90	1.28849	63.70	1.31117	67.50	1.33438
<b>60.00</b>	1.28908	63.80	1.31177	67.60	1.33500
60.10	1.28966	63.90	1.31237	67.70	1.33562
60.20	1.29025	<b>64.00</b>	1.31297	67.80	1.33625
60.30	1.29084	64.10	1.31359	67.90	1.33686
60.40	1.29143	64.20	1.31418	<b>68.00</b>	1.33748
60.50	1.29203	64.30	1.31479	68.10	1.33810
60.60	1.29262	64.40	1.31540	68.20	1.33872
60.70	1.29321	64.50	1.31600	68.30	1.33935

°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C	°Brix	Apparent SG at 20/20°C
68.40	1.33997	72.30	1.36452	76.20	1.38967
68.50	1.34059	72.40	1.36516	76.30	1.39032
68.60	1.34121	72.50	1.36579	76.40	1.39097
68.70	1.34183	72.60	1.36643	76.50	1.39162
68.80	1.34245	72.70	1.36707	76.60	1.39228
68.90	1.34309	72.80	1.36771	76.70	1.39293
<b>69.00</b>	1.34371	72.90	1.36836	76.80	1.39358
69.10	1.34433	<b>73.00</b>	1.36900	76.90	1.39423
69.20	1.34495	73.10	1.36964	<b>77.00</b>	1.39489
69.30	1.34558	73.20	1.37028	77.10	1.39554
69.40	1.34621	73.30	1.37092	77.20	1.39619
69.50	1.34684	73.40	1.37156	77.30	1.39685
69.60	1.34746	73.50	1.37220	77.40	1.39750
69.70	1.34809	73.60	1.37283	77.50	1.39816
69.80	1.34871	73.70	1.37347	77.60	1.39882
69.90	1.34934	73.80	1.37411	77.70	1.39949
<b>70.00</b>	1.34997	73.90	1.37476	77.80	1.40014
70.10	1.35060	<b>74.00</b>	1.37541	77.90	1.40080
70.20	1.35123	74.10	1.37605	<b>78.00</b>	1.40146
70.30	1.35186	74.20	1.37669	78.10	1.40211
70.40	1.35248	74.30	1.37733	78.20	1.40277
70.50	1.35311	74.40	1.37798	78.30	1.40344
70.60	1.35375	74.50	1.37864	78.40	1.40409
70.70	1.35438	74.60	1.37928	78.50	1.40475
70.80	1.35501	74.70	1.37993	78.60	1.40541
70.90	1.35564	74.80	1.38057	78.70	1.40607
<b>71.00</b>	1.35627	74.90	1.38122	78.80	1.40674
71.10	1.35691	<b>75.00</b>	1.38187	78.90	1.40840
71.20	1.35754	75.10	1.38252	<b>79.00</b>	1.40806
71.30	1.35817	75.20	1.38316	79.10	1.40872
71.40	1.35881	75.30	1.38381	79.20	1.40938
71.50	1.35944	75.40	1.38445	79.30	1.41005
71.60	1.36008	75.50	1.38510	79.40	1.41072
71.70	1.36072	75.60	1.38575	79.50	1.41138
71.80	1.36135	75.70	1.38640	79.60	1.41204
71.90	1.36198	75.80	1.38705	79.70	1.41270
<b>72.00</b>	1.36261	75.90	1.38770	79.80	1.41337
72.10	1.36324	<b>76.00</b>	1.38835	79.90	1.41404
72.20	1.36389	76.10	1.38902	<b>80.00</b>	1.41471



## Degrees Brix to Specific Gravity Conversion Tables

### Notes

These values may be added to Brix values measured at 20°C to convert to Specific Gravity. References:

- Refractive Indices of Sucrose Solutions at 20°C (International Scale, 1936) as presented to in the 10th Edition of the Methods of Analysis of The Association of Analytical Chemists (A.O.A.C.) 1965
- United States Department of Agriculture Sucrose Conversion Tables, File 135-A-50, January 1981