

Sublight Speed Conversion

A while back it was decided that all space craft that have sub-light propulsion should list the speed in a more meaningful format. This page provides a quick reference for converting STL velocities, and shows the preferred format.

#c	Kilometers per sec	Miles per sec	Notes
0.075	0.075c (~22,484 kilometers per second)	0.075c (~13,971 miles per second)	Slow for standard factions
.1	.1c (~29,979 kilometers per second)	.1c (~18,628 miles per second)	Slow for advanced factions
.125	.125c (~37,474 kilometers per second)	.125c (~23,285 miles per second)	Slow for very advanced factions
.15	.15c (~44,968 kilometers per second)	.15c (~27,942 miles per second)	Average for standard factions
.17	.17c (31,667 kilometers per second)	.17c (50,964 miles per second)	
.2	.2c (~59,958 kilometers per second)	.2c (~37,256 miles per second)	Average for advanced factions
.225	.225c (~67,453 kilometers per second)	.225c (~41,913 miles per second)	Fast for standard tech factions
.25	.25c (~74,948 kilometers per second)	.25c (~46,570 miles per second)	Average for very advanced factions
.275	.275c (~82,444 kilometers per second)	.275c (~51,227 miles per second)	
.3	.3c (~89,937 kilometers per second)	.3c (~55,884 miles per second)	Fast for advanced factions
.35	.35c (~104,927 kilometers per second)	.35c (~65,198 miles per second)	
.375	.375c (~112,422 kilometers per second)	.375c (~69,856 miles per second)	Fast for Very Advanced factions
.4	.4c (~119,916 kilometers per second)	.4c (~74,512 miles per second)	
.425	.425c (~127,411 kilometers per second)	.425c (~79,169 miles per second)	
.45	.45c (~134,906 kilometers per second)	.45c (~83,826 miles per second)	
.5	.5c (~149,896 kilometers per second)	.5c (~93,141 miles per second)	
.55	.55c (~165,885 kilometers per second)	.55c (~102,455 miles per second)	
.6	.6c (~179,875 kilometers per second)	.6c (~111,769 miles per second)	
.65	.65c (~194,865 kilometers per second)	.65c (~121,083 miles per second)	
.7	.7c (~209,854 kilometers per second)	.7c (~130,397 miles per second)	
.75	.75c (~224,844 kilometers per second)	.75c (~139,710 miles per second)	
.8	.8c (~239,833 kilometers per second)	.8c (~149,025 miles per second)	
.85	.85c (~254,823 kilometers per second)	.85c (~158,339 miles per second)	
.9	.9c (~269,813 kilometers per second)	.9c (~167,653 miles per second)	
.95	.95c (~284,802 kilometers per second)	.95c (~176,967 miles per second)	

See also: [Starship Speed Standard](#)

From:

<https://wiki.stararmy.com/> - **STAR ARMY**

Permanent link:

https://wiki.stararmy.com/doku.php?id=guide:sublight_speed_conversion

Last update: **2023/12/20 18:20**

