**C Standard Library header files**

From cppreference.com

[[edit]](https://en.cppreference.com/mwiki/index.php?title=Template:c/navbar_content&action=edit)

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| **<assert.h>** | [Conditionally compiled macro that compares its argument to zero](https://en.cppreference.com/w/c/error) |
| **<complex.h>** (since C99) | [Complex number arithmetic](https://en.cppreference.com/w/c/numeric/complex) |
| **<ctype.h>** | [Functions to determine the type contained in character data](https://en.cppreference.com/w/c/string/byte) |
| **<errno.h>** | [Macros reporting error conditions](https://en.cppreference.com/w/c/error) |
| **<fenv.h>** (since C99) | [Floating-point environment](https://en.cppreference.com/w/c/numeric/fenv) |
| **<float.h>** | [Limits of float types](https://en.cppreference.com/w/c/types/limits#Limits_of_floating_point_types) |
| **<inttypes.h>** (since C99) | [Format conversion of integer types](https://en.cppreference.com/w/c/types/integer) |
| **<iso646.h>** (since C95) | [Alternative operator spellings](https://en.cppreference.com/w/c/language/operator_alternative) |
| **<limits.h>** | [Sizes of basic types](https://en.cppreference.com/w/c/types/limits) |
| **<locale.h>** | [Localization utilities](https://en.cppreference.com/w/c/locale) |
| **<math.h>** | [Common mathematics functions](https://en.cppreference.com/w/c/numeric/math) |
| **<setjmp.h>** | [Nonlocal jumps](https://en.cppreference.com/w/c/program) |
| **<signal.h>** | [Signal handling](https://en.cppreference.com/w/c/program) |
| **<stdalign.h>** (since C11) | [alignas and alignof](https://en.cppreference.com/w/c/types) convenience macros |
| **<stdarg.h>** | [Variable arguments](https://en.cppreference.com/w/c/variadic) |
| **<stdatomic.h>** (since C11) | [Atomic types](https://en.cppreference.com/w/c/atomic) |
| **<stdbool.h>** (since C99) | [Boolean type](https://en.cppreference.com/w/c/types/boolean) |
| **<stddef.h>** | [Common macro definitions](https://en.cppreference.com/w/c/types) |
| **<stdint.h>** (since C99) | [Fixed-width integer types](https://en.cppreference.com/w/c/types/integer) |
| **<stdio.h>** | [Input/output](https://en.cppreference.com/w/c/io) |
| **<stdlib.h>** | General utilities: [memory management](https://en.cppreference.com/w/c/memory), [program utilities](https://en.cppreference.com/w/c/program), [string conversions](https://en.cppreference.com/w/c/string), [random numbers](https://en.cppreference.com/w/c/numeric/random) |
| **<stdnoreturn.h>** (since C11) | [noreturn](https://en.cppreference.com/w/c/types) convenience macros |
| **<string.h>** | [String handling](https://en.cppreference.com/w/c/string/byte) |
| **<tgmath.h>** (since C99) | [Type-generic math](https://en.cppreference.com/w/c/numeric/tgmath) (macros wrapping math.h and complex.h) |
| **<threads.h>** (since C11) | [Thread library](https://en.cppreference.com/w/c/thread) |
| **<time.h>** | [Time/date utilities](https://en.cppreference.com/w/c/chrono) |
| **<uchar.h>** (since C11) | [UTF-16 and UTF-32 character utilities](https://en.cppreference.com/w/c/string/multibyte) |
| **<wchar.h>** (since C95) | [Extended multibyte and wide character utilities](https://en.cppreference.com/w/c/string/wide) |
| **<wctype.h>** (since C95) | [Functions to determine the type contained in wide character data](https://en.cppreference.com/w/c/string/wide) |