**Limits of floating point types**

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| --- | --- |
| Defined in header <float.h> | |
| FLT\_MIN  DBL\_MIN  LDBL\_MIN | minimum, normalized, positive value of float, double and long double respectively  (macro constant) |
| FLT\_MAX  DBL\_MAX  LDBL\_MAX | maximum value of float, double and long double respectively  (macro constant) |
| FLT\_DIG  DBL\_DIG  LDBL\_DIG | number of decimal digits that are guaranteed to be preserved in text -> float/double/long double -> text roundtrip without change due to rounding or overflow (see the C++ analog [digits10](https://en.cppreference.com/w/cpp/types/numeric_limits/digits10) for detail)  (macro constant) |