



Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'asinhf.3'

\$ man asinhf.3

ASINH(3) Linux Programmer's Manual ASINH(3)

NAME

asinh, asinhf, asinhl - inverse hyperbolic sine function

SYNOPSIS

```
#include <math.h>
```

```
double asinh(double x);
```

```
float asinhf(float x);
```

```
long double asinhl(long double x);
```

Link with -lm.

Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

asinh():

```
_ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L
```

```
|| _XOPEN_SOURCE >= 500
```

```
|| /* Since glibc 2.19: */ _DEFAULT_SOURCE
```

```
|| /* Glibc versions <= 2.19: */ _BSD_SOURCE || _SVID_SOURCE
```

asinhf(), asinhl():

```
_ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L
```

```
|| /* Since glibc 2.19: */ _DEFAULT_SOURCE
```

```
|| /* Glibc versions <= 2.19: */ _BSD_SOURCE || _SVID_SOURCE
```

DESCRIPTION

These functions calculate the inverse hyperbolic sine of x; that is the value whose hyperbolic

sine is x.

RETURN VALUE

