

C++ code 1.14.6: Stable implementation of [arsinh\(\)](#)

```
2 double arsinh(double x) {  
3     if (x > 0) {  
4         return std::log(std::sqrt(1 + x * x) + x);  
5     } else {  
6         return -std::log(std::sqrt(1 + x * x) - x);  
7     }  
8 }
```