| type                   | size                         | Format specifier |  |  |  |  |
|------------------------|------------------------------|------------------|--|--|--|--|
| int                    | At least 2,usually 3         | %d,%i            |  |  |  |  |
| char                   | 1                            | %с               |  |  |  |  |
| float                  | 4                            | %f               |  |  |  |  |
| double                 | 8                            | %if              |  |  |  |  |
| Short int              | 2 usually                    | %hd              |  |  |  |  |
| Unsigned int           | At least 2,usually 4         | %u               |  |  |  |  |
| Long int               | At least 4,usually 8         | %ld,%li          |  |  |  |  |
| Long long int          | At least 8                   | %lld,%lli        |  |  |  |  |
| Unsigned long int      | At least 4                   | %lu              |  |  |  |  |
| Unsigned long long int | At least 8                   | %llu             |  |  |  |  |
| Signed char            | 1                            | %c               |  |  |  |  |
| Unsigned char          | 1                            | %c               |  |  |  |  |
| Long double            | At least 10,usually 12 or 16 | %If              |  |  |  |  |
|                        |                              |                  |  |  |  |  |
|                        |                              |                  |  |  |  |  |