

```
mln::Object< mln::pixel< I > >
```

```
mln::Generalized_Pixel< mln::pixel< I > >
```

```
mln::pixel< I >
```

```
graph BT; A[mln::pixel< I >] --> B[mln::Object< mln::pixel< I > >]; A --> C[mln::Generalized_Pixel< mln::pixel< I > >];
```

The diagram illustrates the relationship between three C++ template classes. At the bottom, a gray box contains the base class `mln::pixel< I >`. Two blue arrows point upwards from this box to two white boxes at the top. The left white box contains `mln::Object< mln::pixel< I > >`, and the right white box contains `mln::Generalized_Pixel< mln::pixel< I > >`. This indicates that `mln::Object` and `mln::Generalized_Pixel` are derived from `mln::pixel`.