Visualizing Functions of a Complex Variable

Here are some links to sites with tools for visualizing complex functions.

Graphics for complex analysis by Douglas Arnold (including Java applets)

Visualizing complex-valued functions in the plane by Frank Farris

John Polking's interactive MATLAB program holo, which you can use to visualize the affect of complex maps (For instructions for downloading MATLAB go to the OIT website and click on Software Downloads then on MATLAB then on the Download link for MATLAB for Students.)