

Language	MATLAB/Octave	Python	R
Contour plot	<code>contour(z)</code>	<pre>levels, colls = contour(Z, V,                         origin='lower', extent=(-3,3,-3,3)) clabel(colls, levels, inline=1,       fmt='%1.1f', fontsize=10)</pre>	<code>contour(z)</code>
Filled contour plot	<code>contourf(z); colormap(gray)</code>	<pre>contourf(Z, V,           cmap=cm.gray,           origin='lower',           extent=(-3,3,-3,3))</pre>	<code>filled.contour(x,y,z,                 nlevels=7, color=gray.colors)</code>
Plot image data	<pre>image(z) colormap(gray)</pre>	<pre>im = imshow(Z,             interpolation='bilinear',             origin='lower',             extent=(-3,3,-3,3))</pre>	<code>image(z, col=gray.colors(256))</code>
Image with contours Direction field vectors	<code>quiver()</code>	<pre># imshow() and contour() as above quiver()</pre>	