Without using any external libraries, create a Gradient object in JavaScript, which has a constructor that takes as arguments: an element (container in which to make a gradient) and an array of stop values (0 meaning black, 255 meaning white).

For example:

var element = document.getElementById('gradient');

var gradient = new Gradient(element, [0, 255]);

Using the provided html ﬁle, your Gradient object should inject a series of divs into the given element, such that an evenly distributed monochromatic radial gradient is created that ﬁts the container. It can be assumed that the container element will always be square.  
Your response should not use CSS3 Gradients. ie. Do not use -webkit- radial-gradient.