



Figure 4.59 This shows a before and after example of an even -90 Hue color shift applied across all the hue values.

Using the HSL controls to reduce gamut clipping

The camera you are shooting with is almost certainly capable of capturing a greater range of colors than can be shown on the display or in print. So just because you can't see these colors it doesn't mean they're not there!

In the **Figure 4.60** example you can see a photograph taken of one of the mittens at Monument Valley, Utah. This was shot at sunset when the rocks appeared at their reddest. At first sight there doesn't appear to be much detail in the rocks, but this is only because the computer display is unable to show all the information that is actually there in the image. By using the HSL panel Luminance controls to darken the red and orange colors, I was able to bring these colors more into the gamut of the computer display so that they no longer appear clipped. Of course, the real test is how these colors would print. If you are working with a standard LCD, it will probably have a color gamut similar to an sRGB space. In fact, many photographers are viewing their photos on displays with a color gamut that's smaller than most modern inkjet printers. The display I work with has a gamut that matches 98% of the Adobe RGB color space and is therefore capable of displaying more colors than a typical LCD display. In this respect, a good quality professional display can allow you to see more color detail and this can certainly help when making evaluative adjustments such as in the example shown here. The downside is that having more colors to view on your display means that you can end up seeing more colors than an inkjet printer can print. This is where soft proofing can help you accurately pre-visualize what the final print should look like (see Chapter 8).

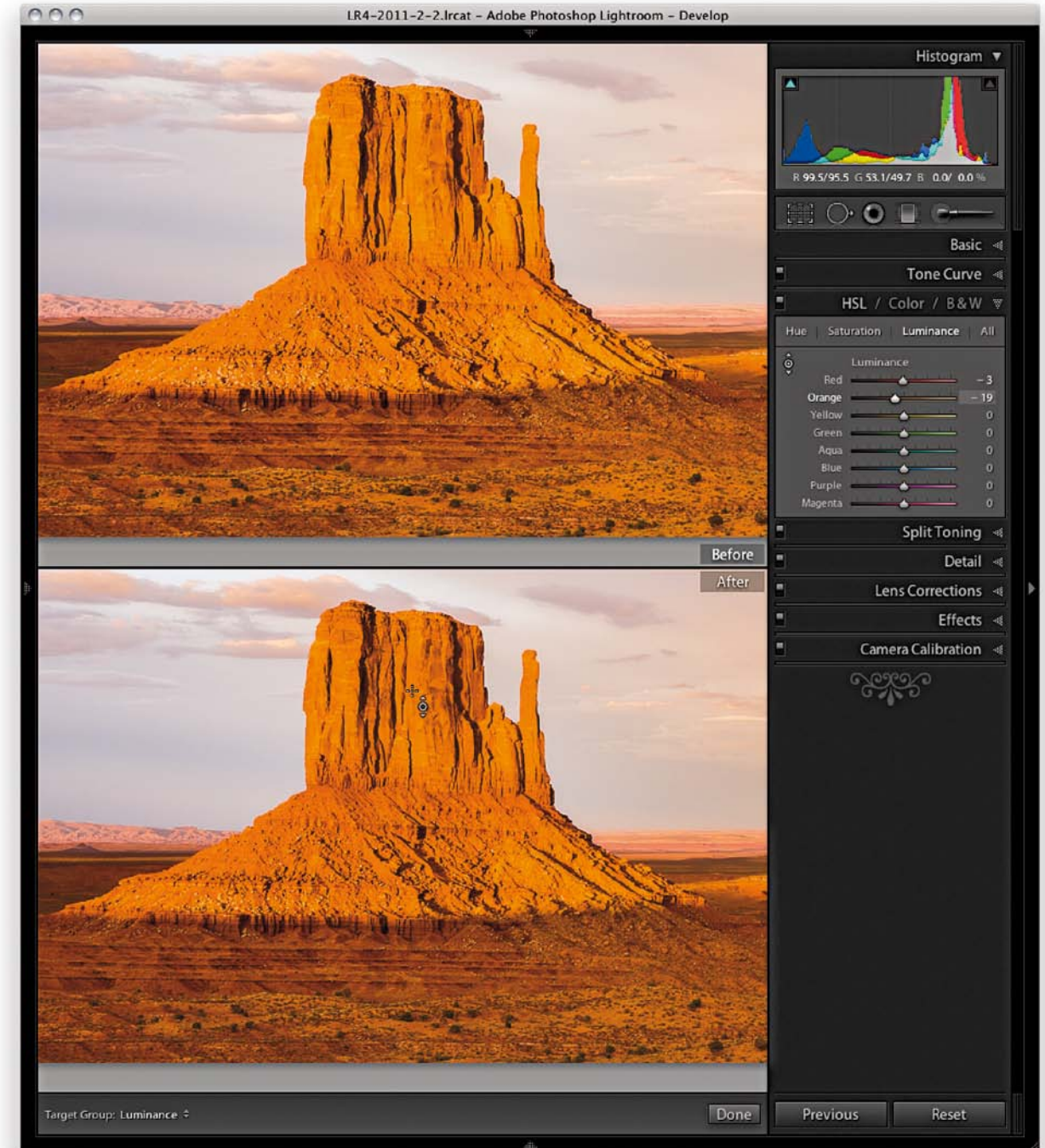


Figure 4.60 This shows an example of a Luminance HSL adjustment being used to selectively darken the red and orange colors that initially appeared clipped.