

# Cloud images

We're working on a Web page about clouds (download xdk project [here](#)), and we have some beautiful pictures we'd like to use; one for the top of the page, and others as examples of different types of clouds. We include the pictures but the result is unwieldy:



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"Clouds came floating into my life, no longer to carry rain or usher storm, but to add color to my sunset sky." — Rabindranath Tagore, *Stray Birds*

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Among the many types of clouds are:

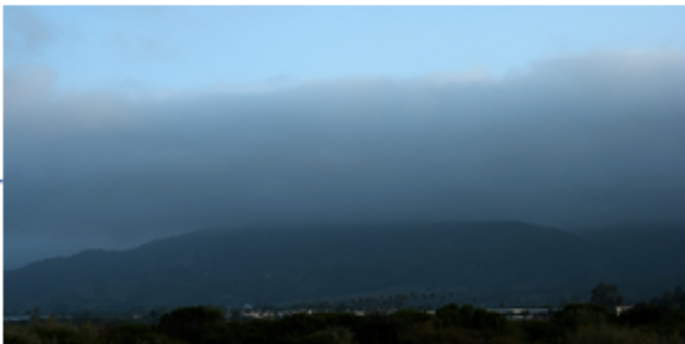
1. [Cumulus clouds](#)



2. [Cirrus clouds](#)



3. [Stratus clouds](#)



I zoomed out so you could see what it looks like, but when you can see the pictures, the text is so small it's unreadable. The other option is to leave it unzoomed, but scroll back and forth to see all the parts of the pictures. Clearly we have a solution for this. We can just specify the width of `<img>` elements in our custom.css file. We can use the debugger

to try different sizes, modifying it in the "Styles" panel and we decide on this:

```
img {  
  width: 10rem;  
}
```

Giving a much more reasonable page:

## Clouds



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2. *Cirrus clouds:*



3. *Stratus clouds:*



So far so good, but we want our top image to be quite a bit bigger without changing the other images. Recall that an `<img>` tag includes a "width" attribute, so we can special case this image accordingly in the HTML code:

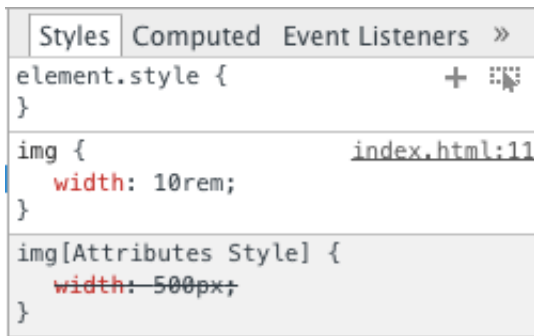
```

```

We look at our page again, and it hasn't changed! Time to try the debugger again.

## DEBUGGING IMAGE SIZE

We open up the debugger and choose the `<img>` tag corresponding to our first picture, then we see this in the Styles section:



The specialized width setting that we added as an `img` attribute isn't quite the same as setting the style. Any style setting for the `img` width will take precedence over the attribute setting, so our `img` settings intended for the other images will change that one too. You could fix this by adding an inline "style" setting, but that's generally discouraged. It's better to sit back and think for a moment. The images below are in a list, and we want smaller pictures there so we can scan the list easily. The banner picture at the top should be big for more visual impact. One reasonable way to address this would be to special case the smaller pictures, and use a larger width by default. This would recognize that we really want small images when they are list elements, otherwise they should be bigger. So we can change our code like this:

```
img {  
    width: 25rem;  
}  
  
li img {  
    width: 10rem;  
}
```

That looks better:

## Clouds



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There is still the issue of things not being layed out nicely, but you'll learn more about that in week 6.