

# CSS Performance

Layout

The layout step is the calculation of how much space an element takes when it is on the screen. Modifying a "layout" property in CSS (e.g: **width, height**) means that the browser is going to have to check all other elements and "reflow" the page, meaning **re-painting** the affected areas and **re-composite** them.

paint

This process is the one to fill pixels for every visual parts of the elements (colors, borders etc..). Drawing elements is usually done on multiple layers.

changing a **paint property does not affect the layout.**

**paint is often the most expensive part of the pipeline**