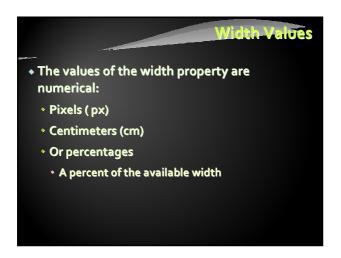
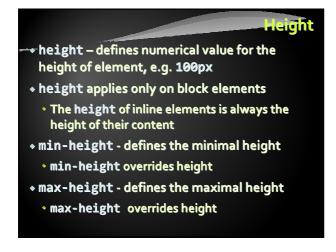


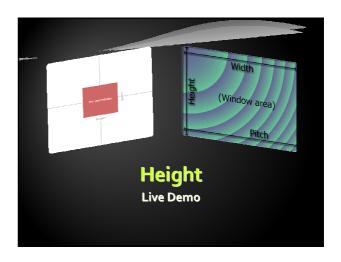
width – defines numerical value for the width of element, e.g. 200px width applies only for block elements Their with is 100% by default The width of inline elements is always the width of their content, by concept min-width - defines the minimal width min-width overrides width if (width<min-width) max-width overrides width if (width>max-width)

Width

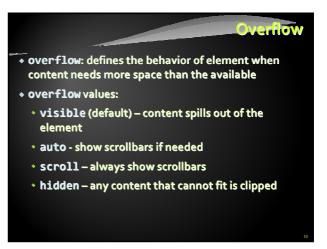




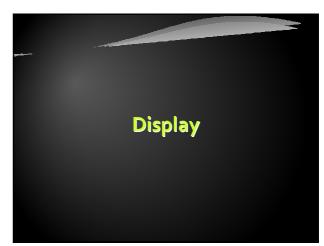












Display

- display: controls the display of the element and the way it is rendered and if breaks should be placed before and after the element
 - inline: no breaks are placed before and after (is an inline element)
 - The element's height and width depend on the size of the content
 - block: breaks are placed before AND after the element (<div> is a block element)
 - Height and width may not depend on the size of the content

Display (2)

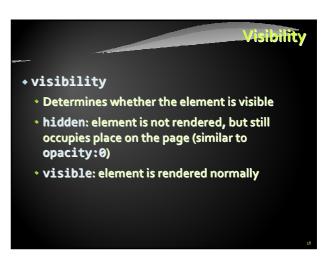
- display: controls the display of the element and the way it is rendered and if breaks should be placed before and after the element
 - none: element is hidden and its dimensions are not used to calculate the surrounding elements rendering (differs from visibility: hidden!)
 - inline-block: : no breaks are placed before and after (like inline)
 - Height and width can be applied (like block)

Display (3)

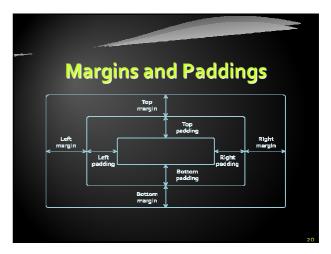
- display: controls the display of the element and the way it is rendered and if breaks should be placed before and after the element
 - table, table-row, table-cell: the elements are arranged in a table-like layout











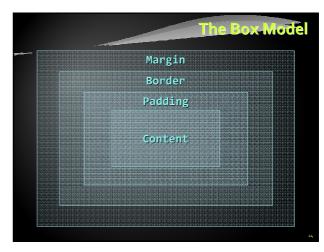
Margin and Padding

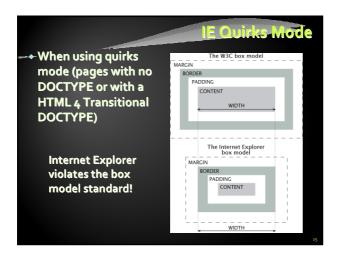
- margin and padding define the spacing around the element
 - Numerical value, e.g. 10px or -5px
 - Can be defined for each of the four sides separately - margin-top, padding-left, ...
 - margin is the spacing outside of the border
 - padding is the spacing between the border and the content
 - What are collapsing margins?

Margin and Padding: Short Rules

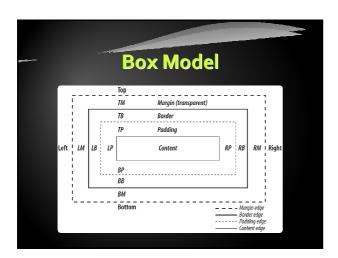
- +margin: 5px;
 - Sets all four sides to have margin of 5 px;
- margin: 10px 20px;
 - top and bottom to 10px, left and right to 20px;
- + margin: 5px 3px 8px;
 - top 5px, left/right 3px, bottom 8px
- + margin: 1px 3px 5px 7px;
 - top, right, bottom, left (clockwise from top)
- Same for padding



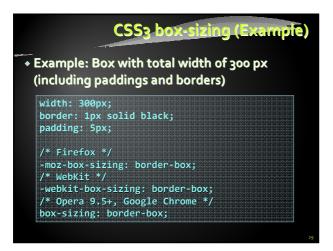








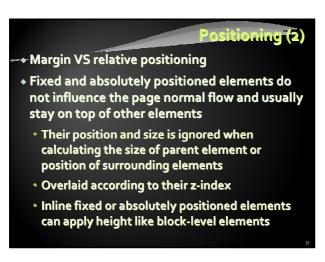
Determine whether you want an element to render it's borders and padding within its specified width, or outside of it. Possible values: box-sizing: content-box (default) box width: 288 pixels + 10 pixels padding and 1 pixel border on each side = 300 pixels box-sizing: border-box box width: 300 pixels, including padding and borders

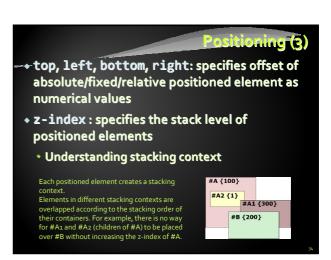






positioning positioning of the element in the page content flow The value is one of: static (default) relative – relative position according to where the element would appear with static position absolute – position according to the innermost positioned parent element fixed – same as absolute, but ignores page scrolling



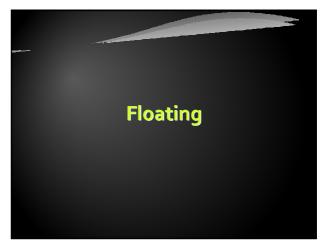


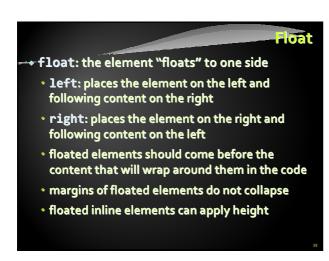


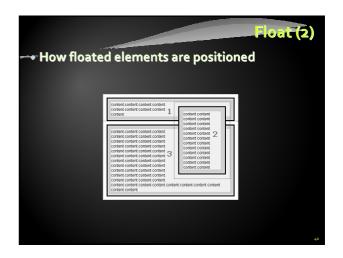
Inline element positioning

- vertical-align: sets the vertical-alignment of an inline element, according to the line height
 - Values: baseline, sub, super, top, text-top, middle, bottom, text-bottom or numeric
 - Also used for content of table cells (which apply middle alignment by default)











- Sets the sides of the element where other floating elements are NOT allowed
- Used to "drop" elements below floated ones or expand a container, which contains only floated children
- Possible values: left, right, both
- Clearing floats
 - Clear using pseudo-class :after
 - Additional element (<div>) with a clear style
 - Deprecated semantically unused div

Clear(2) Clearing floats (continued) :after { content: ""; display: block; clear: both; height: 0; }

- Triggering hasLayout in IE expands a container of floated elements
 - zoom: 1

```
.clearfix {
  zoom:1;}
.clearfix: after {
  content: "";
  display: block;
  clear: both;
  height: 0; }
```

