

Chapter 58: Screen

Section 58.1: Getting the screen resolution

To get the physical size of the screen (including window chrome and menubar/launcher):

```
var width  = window.screen.width,  
    height = window.screen.height;
```

Section 58.2: Getting the “available” area of the screen

To get the “available” area of the screen (i.e. not including any bars on the edges of the screen, but including window chrome and other windows):

```
var availableArea = {  
  pos: {  
    x: window.screen.availLeft,  
    y: window.screen.availTop  
  },  
  size: {  
    width: window.screen.availWidth,  
    height: window.screen.availHeight  
  }  
};
```

Section 58.3: Page width and height

To get current page width and height (for any browser), e.g. when programming responsiveness:

```
function pageWidth() {  
  return window.innerWidth != null? window.innerWidth : document.documentElement &&  
document.documentElement.clientWidth ? document.documentElement.clientWidth : document.body != null  
? document.body.clientWidth : null;  
}  
  
function pageHeight() {  
  return window.innerHeight != null? window.innerHeight : document.documentElement &&  
document.documentElement.clientHeight ? document.documentElement.clientHeight : document.body !=  
null? document.body.clientHeight : null;  
}
```

Section 58.4: Window innerWidth and innerHeight Properties

Get the window height and width

```
var width = window.innerWidth  
var height = window.innerHeight
```

Section 58.5: Getting color information about the screen

To determine the color and pixel depths of the screen:

```
var pixelDepth = window.screen.pixelDepth,  
    colorDepth = window.screen.colorDepth;
```