

CSS3

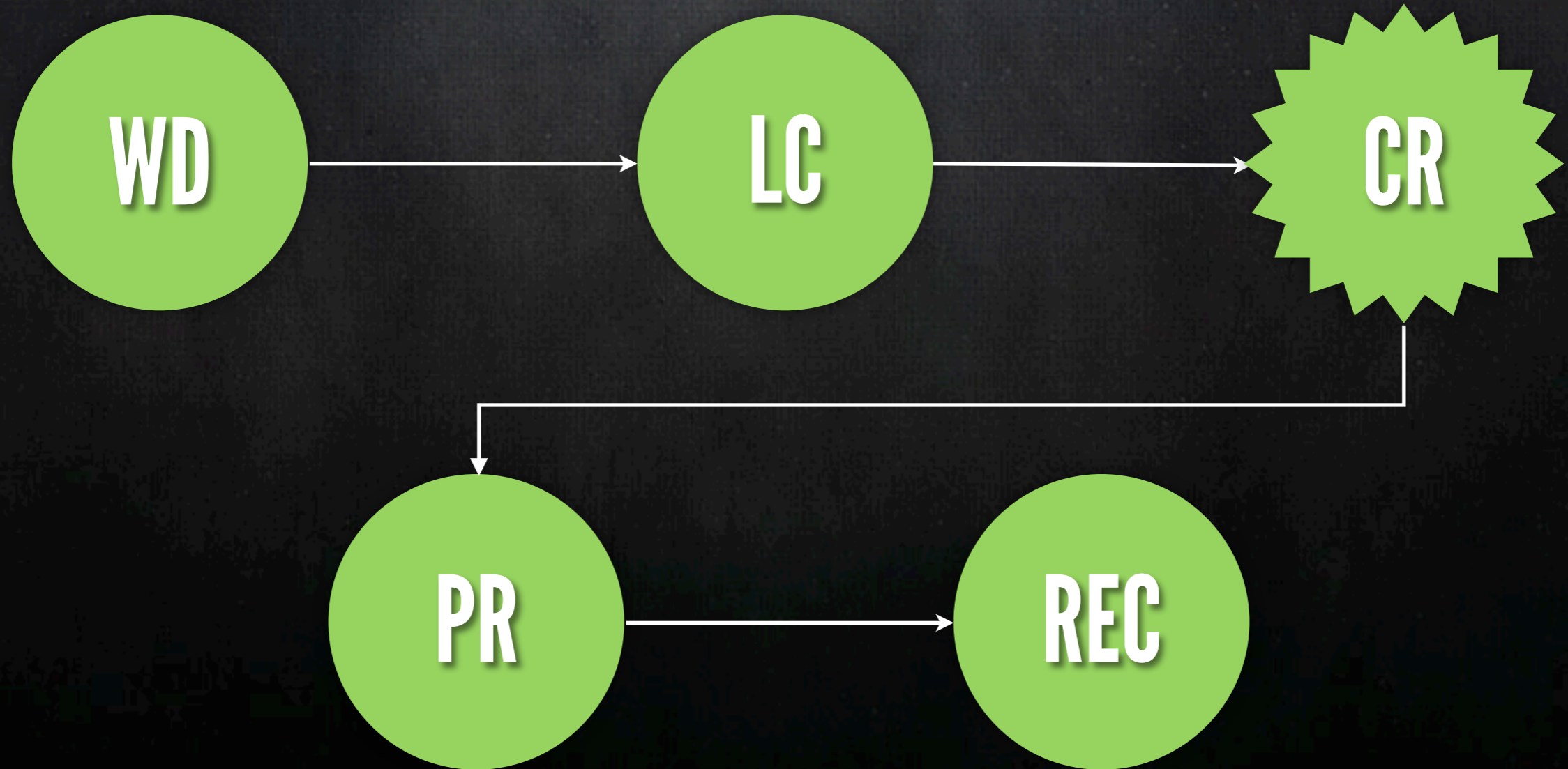
Now and the Future

What to expect

Understanding the W3C

Just a little bit.

Recommendation Timeline



Understanding CSS3

Just a little bit.

CSS3 in a nutshell

Selectors

BGs and Borders

Color

3D Transforms

Marquee

Fonts

Grid Positioning

Transitions

Namespaces

Multi-Column

Flex Box

Animations

Paged Media

Template

Ruby

Line

Values and Units

Media Queries

Image Values

Lists

Text

Speech

2D Transforms

And more...

<http://www.w3.org/Style/CSS/current-work>

What is close enough?

Candidate Recommendations

CSS3 in a nutshell

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Now

What browsers support.

Safari 5

Selectors

BGs and Borders

Color

3D Transforms

Marquee

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Multi-Column

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And more...

Firefox 3.6

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And more...

Opera 10.6

Selectors

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And more...

Internet Explorer 8

Selectors

BGs and Borders

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2D Transforms

And more...

Popular

It's what all the cool kids are doing

What's hawt

`:nth-child`

Multiple BGs

`rgba/hsla`

2D Transforms

`@font-face`

Border-radius

Media Queries

Transitions

Box-shadow

Text-shadow

Gradient

Multi-Column

Flex Box

3D Transforms

Animations

Future

What browsers will support.

Safari

`:nth-child`

Multiple BGs

`rgba/hsla`

2D Transforms

`@font-face`

Border-radius

Media Queries

Transitions

Box-shadow

Text-shadow

Gradient

Multi-Column

Flex Box

3D Transforms

Animations

Firefox 4

`:nth-child`

Multiple BGs

`rgba/hsla`

2D Transforms

`@font-face`

Border-radius

Media Queries

Transitions

Box-shadow

Text-shadow

Gradient

Multi-Column

Flex Box

3D Transforms

Animations

Opera 11

`:nth-child`

Multiple BGs

`rgba/hsla`

2D Transforms

`@font-face`

Border-radius

Media Queries

Transitions

Box-shadow

Text-shadow

Gradient

Multi-Column

Flex Box

3D Transforms

Animations

Internet Explorer 9

:nth-child

Multiple BGs

rgba/hsla

2D Transforms

@font-face

Border-radius

Media Queries

Transitions

Box-shadow

Text-shadow

Gradient

Multi-Column

Flex Box

3D Transforms

Animations



Code

"Finally!"

:nth-child

```
tr:nth-child(2n) {  
    background-color: rgba(255, 255, 255, .3);  
}
```

```
tr:nth-child(2n+2) { ... }
```

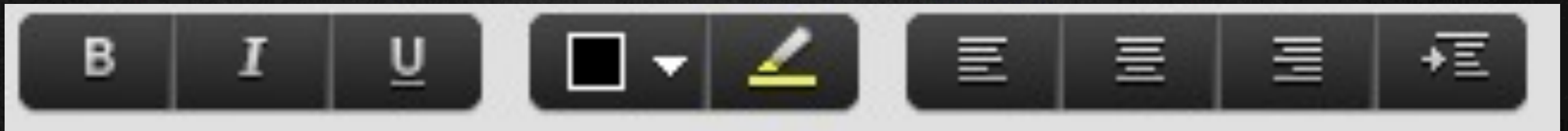
:nth-child

Ingredients	serves 12	serves 24
milk	1 quart	2 quart
cinnamon sticks	2	1
vanilla bean, split	1	2
cloves	5	10
mace	10 blades	20 blades
egg yolks	12	24
cups sugar	1 ½ cups	3 cups
...

Multiple Backgrounds

```
div {  
  background:  
    url(icon.png) no-repeat 0 0,  
    linear-gradient(0 50% 90deg, #666, #999)  
    #000;  
}
```


Multiple Backgrounds



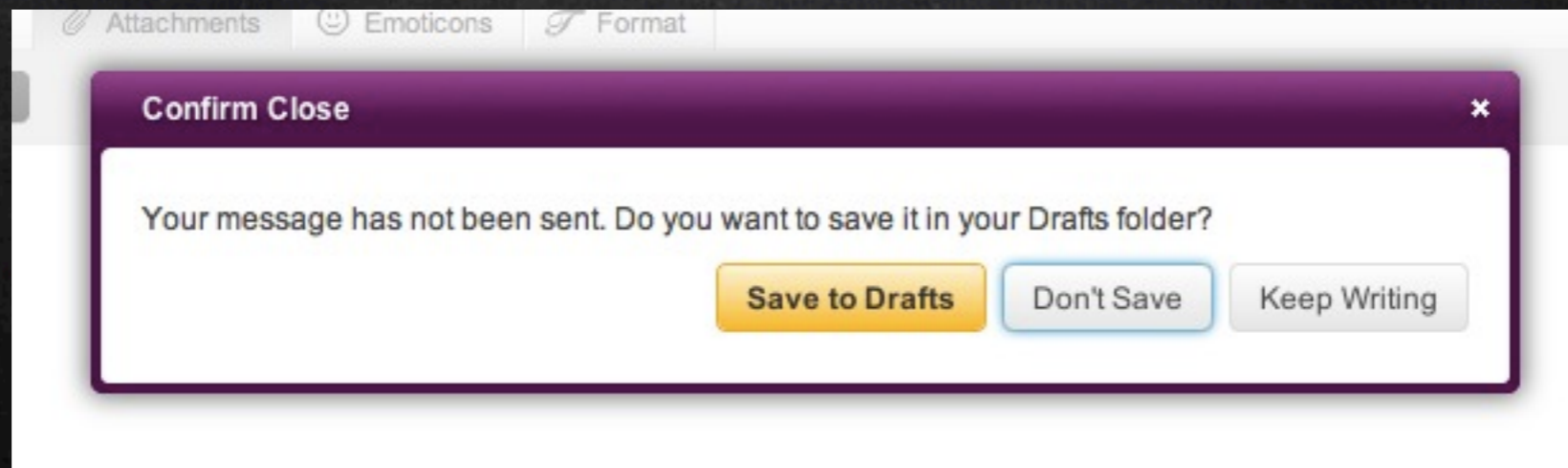
Box Shadow

```
.modal {  
  box-shadow:0 0 5px #888;  
  box-shadow:0 0 5px #888 inset;  
}
```

Border Radius

```
.modal {  
  border-radius: 5px;  
  border-top-left-radius: 5px;  
}
```

Box Shadow



What about IE?

It does like to be different.

Filters

```
.modal {  
  filter: alpha(opacity=0);  
}
```

Gradients

```
.modal {  
  filter:  
  progid:DXImageTransform.Microsoft.gradient  
    (startColorstr=#FFFFFF,  
     endColorstr=#E6E6E6)  
}
```

rgba for Backgrounds

```
.modal {  
  filter:  
  progid:DXImageTransform.Microsoft.gradient  
    (startColorstr=#33FFFFFF,  
     endColorstr=#33E6E6E6))  
}
```


Box Shadow

```
.modal {  
  filter:  
progid:DXImageTransform.Microsoft.DropShadow  
(Color='white', OffX=0, OffY=0);  
}
```

Multiple Backgrounds

```
.modal {  
  background: url(... );  
  filter:  
progid:DXImageTransform.Microsoft.DropShadow  
  (Color='white', OffX=0, OffY=0)  
progid:DXImageTransform.Microsoft.gradient  
  (startColorstr=#33FFFFFF,  
  endColorstr=#33E6E6E6))  
}
```

These are our tools.

The Dream

```
.modal {  
  box-shadow: 0 1px 0 rgba(0, 0, 0, 0.2);  
  border-radius: 5px;  
  background: url( ... ),  
    linear-gradient(0 50% 90deg, #000, #FFF);  
}
```

The Reality

```
.modal {  
-moz-box-shadow:0 1px 0 0 rgba(0, 0, 0, 0.2);  
-webkit-box-shadow:0 1px 0 rgba(0, 0, 0, 0.2);  
box-shadow:0 1px 0 rgba(0, 0, 0, 0.2);  
  
filter:  
progid:DXImageTransform.Microsoft.DropShadow  
(Color='white', OffX=0, OffY=0);  
}
```

The Reality Part 2

```
.modal {  
    background-color: #666;  
    background-image: -moz-linear-gradient(#333,  
#666);  
    background-image: -webkit-gradient(linear, 0 top,  
0 bottom, from(#333), to(#666));  
    filter: progid:DXImageTransform.Microsoft.gradient  
(startColorstr=#333333, endColorstr=#666666);  
}
```

The Reality Part 3

```
.modal {  
    /* need to use longhand border-radius here */  
    -moz-border-radius-topleft: 4px;  
    -moz-border-radius-bottomleft: 4px;  
    -webkit-border-bottom-left-radius: 4px;  
    -webkit-border-top-left-radius: 4px;  
    border-bottom-left-radius: 4px;  
    border-top-left-radius: 4px;  
}
```

We can choose to use
them or not.



Ready for Prime Time?

What do you think?

YAHOO! MAIL Beta

Search Mail Search Web

- WHAT'S NEW
- INBOX
- CONTACTS
- This is a test

Compose Message Send Cancel Save as Draft

- Inbox 1222
- Drafts
- Sent
- Spam 11
- Trash
- Folders
 - sfassadfasd
 - test folder
 - testinasdgasd
 - testing 127
- Online Contacts
 - Ajay Gopalkrishna
 - alexc_y
 - ammari.hadeel
 - Ara Pehlivanian
 - Aramys

TO:

CC:

SUBJECT: This is a test

Attachments Emojis

Attach Files

Add BCC Field

Plain Text

Norton AntiVirus

YAHOO! MESSENGER

Ara Pehlivanian

Hide

IM Nov 05 6:11 PM

Hey Ara, I'm creating a screen shot for my presentation.

Smile. 😊

Ara Pehlivanian +

YAHOO! MAIL Beta

Search Mail Search Web

- WHAT'S NEW
- INBOX
- CONTACTS
- New Email

Compose Message

Send Cancel Save as Draft

Draft auto-saved at 6:20 PM

TO:

CC:

SUBJECT:

Attachments Emoticons

Attach Files

- Inbox 1222
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 - Aramys

YAHOO! MESSENGER

Ara Pehlivanian

delilaka... lee mcc... Ara Peh...

CC Field

Plain Te

Norton

Resources

Time to get your feet wet

<http://leaverou.me/ft2010/>

css3

A practical introduction

By Lea Verou

<http://caniuse.com/>

When can I use...

[Comments](#)

[Feed](#)

[Twitter](#)

1,401
tweets

Compatibility tables for features in HTML5, CSS3, SVG and other upcoming web technologies

retweet

TOP

Latest update: [IE9 PP6 released: includes support for 2D CSS3 Transforms \(October 28, 2010\)](#)

FAQ

Resources

Compatibility tables

Browser comparison

Category

- All
- PNG
- HTML5
- DOM
- Other
- CSS3
- CSS2
- SVG
- Canvas
- Summary

Web Browser

- All
- Internet Explorer
- Firefox
- Safari
- Chrome
- Opera

Other options

- Detailed tables
- Accessible colors
- Show conclusions

Time period

- All
- Two versions back
- Previous version
- Current
- Near Future (early 2011)
- Future (mid/late 2011)

Status

- All
- Recommendation
- Proposed Recommendation
- Candidate Recommendation
- Working Draft
- IETF standard
- Unofficial / Note

Alternatives

- Accept plug-ins
- Accept JS solution

Search

flex

1 result found

Sort

Most supported first

<http://www.modernizr.com/>

[Home](#)[News](#)[Docs](#)[Sites](#)

Latest release:

1.6

OCTOBER 25: Version 1.6 adds more feature tests, improved browser compatibility and fixes several issues.

[Latest news](#) | [Release notes](#)

What is Modernizr?

Modernizr adds classes to the `<html>` element which allow you to target specific browser functionality in your stylesheet. You don't actually need to write any Javascript to use it.

Have you ever wanted to do if-statements in your CSS for the availability of cool features like `border-radius`? Well, with **Modernizr** you can accomplish just that! The syntax is very intuitive, too:

Modernizr detects support for:

- @font-face ✓
- Canvas ✓
- Canvas Text ✓
- HTML5 Audio ✓
- HTML5 Video ✓
- rgba() ✓
- hsla() ✓
- border-image: ✓
- border-radius: ✓
- box-shadow: ✓
- text-shadow: ✓
- opacity: ✓
- Multiple backgrounds ✓
- Flexible Box Model ✓
- CSS Animations ✓
- CSS Columns ✓
- CSS Gradients ✓
- Geolocation API ✓
- localStorage ✓
- sessionStorage ✓
- SVG ✓
- SMIL ✓
- SVG Clipping ✓
- Inline SVG ✓
- Drag and Drop ✓
- hashchange ✓
- X-window Messaging ✓
- History Management ✓
- applicationCache ✓
- Touch events
- Web Sockets ✓
- Web Workers ✓
- Web SQL Database ✓
- WebGL

**R
S
S**

Modernizr on Twitter

@brianblakely It's true, with Modernizr 2.0 you'll be able to configure your download.

4 days ago

Earlier this month, www.Modernizr.com surpassed half a million unique visitors! This is a great milestone, but it's only the beginning!

Questions?

Hit me with your best shot.