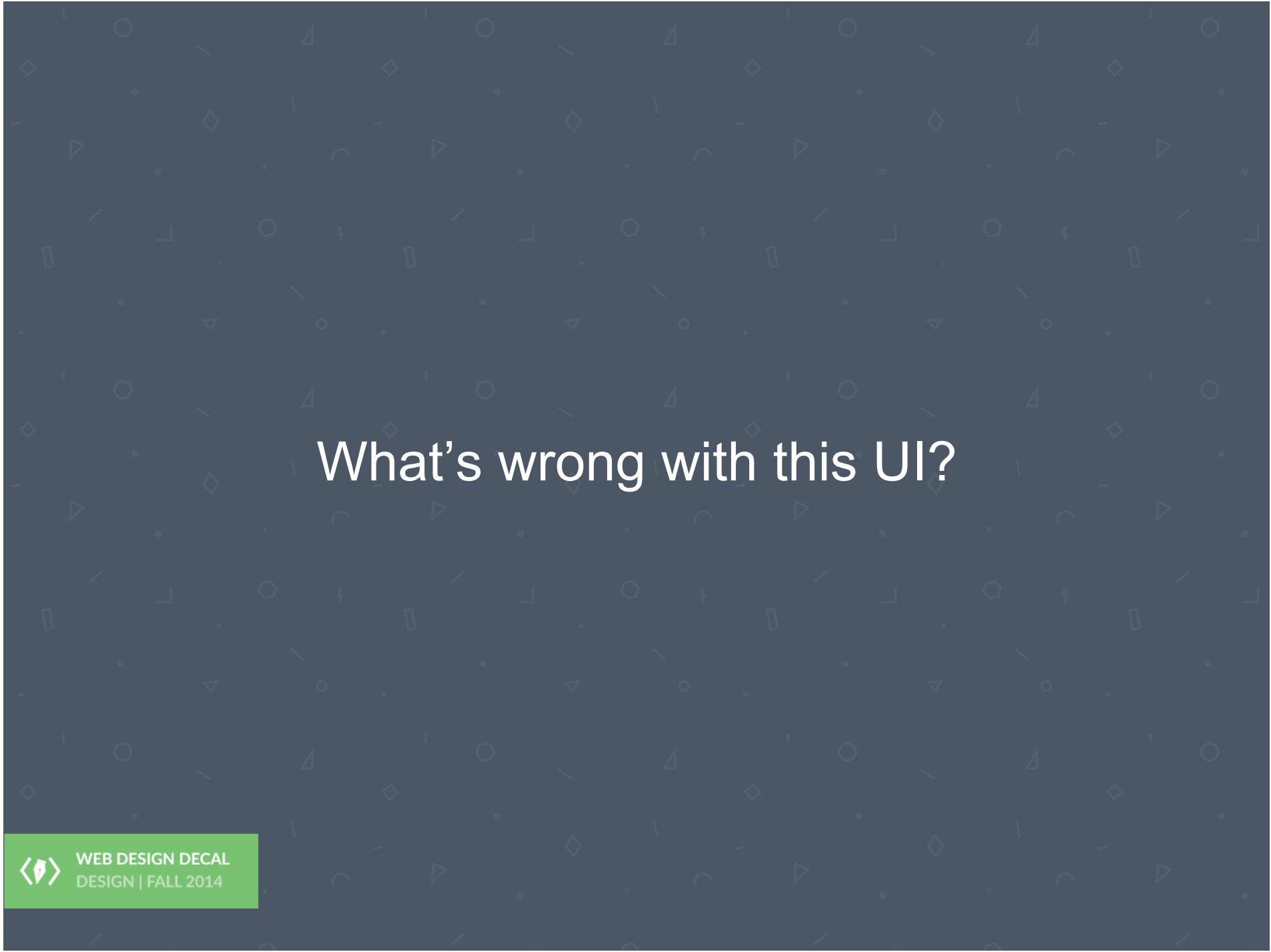


# SPACING

Hamza Ahmed, Design section TA



# What's wrong with this UI?

# www.ARNGREN.net

2594251 Index (Fra 07.11.2004) <[Frithjof i sin Fly-Bil](#)

Søk Arngren.net Slik Betaler du

**23 Butikker**

- [Index](#)
- [Akvarium](#)
- [Alarm](#)
- [Alkotester](#)
- [ATV \(el.\)](#)
- [Bildefliser](#)
- [Bil \(elektrisk\) gas](#)
- [Bilbane](#)
- [Conrad-elektronikk](#)
- [Digital-Kikkert](#)
- [Disko-Lys](#)
- [Dummy-Kamera](#)
- [DVD-Spiller](#)
- [Elektronikk & DAB](#)
- [EL-Scooter & Bil](#)
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- [Golf-biler \(m/skilt\)](#)
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- [Kamera \(trådløst\)](#)
- [Kino \(bærbart\)](#)
- [Kompass \(Bil/Båt\)](#)
- [Laser-Jamer \(Bil\)](#)
- [Luft-Jekk](#)
- [Lykt \(oppladbar\)](#)
- [Mobil-telefon-1, 2](#)
- [Motorsykkelen-Mini](#)
- [Omformer \(110V\)](#)
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- [PC-mini \(9"\), 2.](#)
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- [Star Wars](#)
- [Sykkelen-PC s.h.](#)
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- [Traktor \(elektrisk\)](#)
- [TV-Ur & Amb. Ur](#)
- [Walkie Talk](#)

**Teknologi & Gadgets**

[Index](#) el-retur

**RC-Drone med Kamera**

**Forbruker Elektronikk**

**ART-TECH**

**Nyhet!** kr. 1998.-

**44 Språk-Talende Oversetter m/Norsk** fra kr. 298.-

**Lynx Helikopter m/ Farge-Monitor**

**Alle Produktene på denne siden lagerføres hos ARNGREN i Oslo. Se Lagerkoden etter Prisene (lev. 2 - 5 dager):**

- Er på Lager
- Kommer før 3 uker
- Lengre enn 3 uker

**Elbil; Arngren-Comarth 2WD/4WD. 2 eller 4 seter fra kr. 89.998.-**

**Ei-ATV til Barn & Voksne, fra kr. 3998.-**

**Rang Rover S**

**John Deere** kr. 3.998.-

**Elektrisk-ATV** 3999.-

**4WD** 2999.-

**Elektriske-Biler til Barn, Ungdom & Voksne**

**El-Bil ; Toy-Rider** fra kr. 89.998.-

**Oppladbar-Lykt (30mill.)** fra kr. 598.-

**Verdens Sterkeste.** fra kr. 598.-

**Elektronikk Disko-Lys**

**link**

**Laser-Show** fra kr. 599.- kr. 1598.-

**4 mp**

**Kikkert med Digital-Kamera**

**Smart TV-Box**

**Gjør TV-en om til Smart-TV.** fra kr. 998.-

**RC 4ch Helikopter** fra kr. 798.-

**Rakett-Fly**

**AT RACING** 85km/t. 1:8

**Tilbud!**

**4WD Truck 2.4 Ghz RC** fra kr. 1998.-

**ART-TECH**

**RC Produkter**

**Trådløst Mikro Farge-Kamera sett** kr. 399.-

**Dinosaur-Robot. Lever** kr. 2998.-

**RC Tank i Metall (55 cm) med Luftkanon** fra kr. 998.-

**EPO 2.4G**

**RC PC - 8**

**Avatar** Nyhet!

**Tilbud!**

**20-144x**

**86 cm lang**

**DC-9 Propell-fly 9.4 Ghz**

**Styreenhet & Fordeler til Bil** fra kr. 2998.-

**Kikkert-lengste & kraftigste.**

**Hus-Alarm m/nr. sender** kr. 500.-

**Bygg ditt eget 2-seters Helikopter.** kr. 398.000.-

**Index**

**Forklare**

**Avatar-Gunship.** Er det rådeste Helikopteret noensinne.

**Video**

**Nyhet!**

**Elbil; Arngren-Comarth 2WD/4WD. 2 eller 4 seter fra kr. 89.998.-**

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# “Cluttered”

# Spacing

- Spacing makes or break a user interface
- Not a good idea to stuff in as much information as possible in a given space
  - A common argument: “Users won’t see that much content”
  - A counterargument: Quality of UX > Quantity of UX
- Spacing establishes hierarchy of information
  - Direct user’s attention to a piece of information



Use of spacing in an Apple Store

# Spacing

- Positive Space: Space filled up by content
- Negative Space (White Space): An empty space
  - Space between positive space (UI elements)
  - Helps to define content in a positive space (Creates emphasis)

# Macro-level spacing

- Use Macro-level Spacing to give structure to your interface
- Ensure that there is a significant amount of “room to breathe” between each UI element
- Give more room (white space) for a UI element to give it more emphasis
- Give less room to reduce emphasis

+Shawn Gmail Images



Share



Google Search

I'm Feeling Lucky

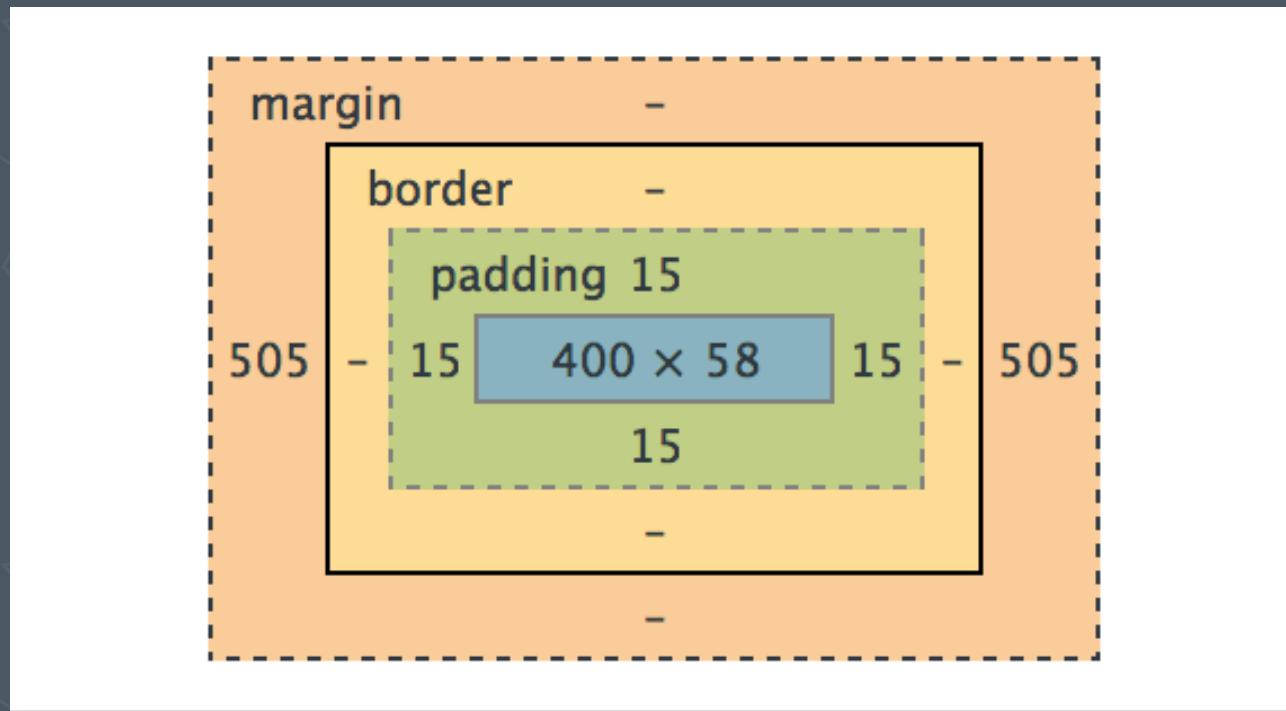
Advertising Business About

Privacy & Terms Settings

Google

# Macro-level spacing in CSS

- CSS Box Model allows you to accomplish spacing in web design





Padding: Inner Spacing  
Margin: Outer Spacing

# Padding vs Margin



# Macro-level spacing in CSS

- Each UI element should have some padding in order to draw emphasis & define its purpose.
- When to use padding:
  - If spacing deserves to be in its own element (i.e. to space out the content from the edges of the element)
    - Ex.: Button
- When to use margin: If spacing deserves to be between elements (give separation for different elements)
  - Ex.: Separation between articles



## Boarding Pass

Lufthansa 9228

Operated by United Airlines

Name

Mr John Smith

Booking number

E12345678



From

SFO

To

JFK

Group

7

Seat

23B

Gate

51a

Terminal

2

Depart SFO at 11:45...

Tue, May 21, 2013

Ticket type: World Perk Rewards Premier Access

[View email](#)

## Car rental

Economy 2 door sedan

Hertz rental car reservation

Padding vs. Margin

## Relevant website

Things to do in  
Sausalito: Check out 9  
Sausalito Attractions  
[www.tripadvisor.com](http://www.tripadvisor.com)



*Keep me updated*

New content available

Get presale tickets for Lord Huron on  
Feb. 25!

The Fillmore - 5 hours ago

Kimo West - Traditional  
and Original Slack Key...

Slack Key Show Upcoming  
Events - May 7, 2014



## Weather

San Francisco



63°

SCATTERED TUE WED THU FRI

## Activity Summary

25 miles in August

6 miles less than July

Summary of July & August



21 miles walking  
21 miles walking



10 miles cycling  
4 miles cycling

Based on your device's location which is periodically sent to Google. [Learn more](#).

## TV

Watch now

The Englishman, North and South, Gator Man, News Today, and more on TV and video on demand



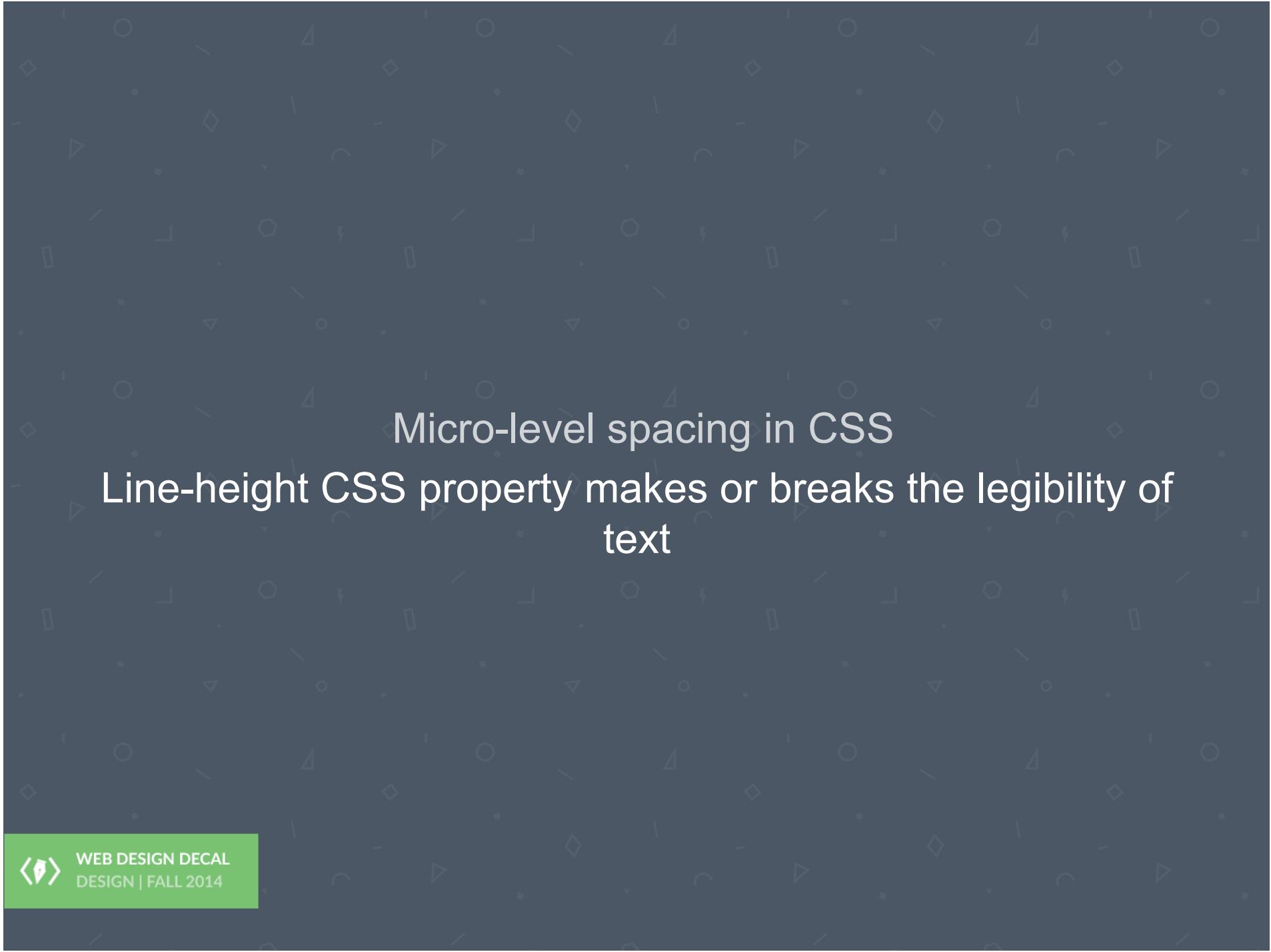
## Traffic & Transit

57 mins to work

Normal traffic on US - 101

# Micro-level Spacing

- Use micro-level spacing to increase legibility of the text
- Accomplished through “line spacing” and “letter spacing”
- Extremely useful for text-heavy websites like blogs



Micro-level spacing in CSS  
Line-height CSS property makes or breaks the legibility of  
text

**Hello.**

Line-height: normal

I am a 22-year old UI designer and entrepreneur passionate about design, education, and online journalism.

I am a recent graduate from UC Berkeley with a degree in BA Computer Science, and am currently working on a startup Iris (<http://www.irisbeta.com>) and teaching a web design class at UC Berkeley, Web Design DeCal (<http://www.wdd.io>). I love spending time fiddling with design and creating cool projects that can potentially change the way we live. My personal vision is to connect like-minded people. To this end, I am working on a startup Iris, a community for everyone's interests

### **Lorem ipsum sit amet dolor**

**Bacon ipsum dolor sit amet labore ham tenderloin ad, voluptate ham hock pork sint adipisicing kielbasa culpa. Sed prosciutto shankle ground round sint kevin elit. Chicken tri-tip dolore, incididunt pastrami in meatball in irure sint sed shank. Pork prosciutto est tri-tip, veniam ham quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.**

### **Who doesn't like bacon?**

**Bacon ipsum dolor sit amet labore ham tenderloin ad, voluptate ham hock pork sint adipisicing kielbasa culpa. Sed prosciutto shankle ground round sint kevin elit. Chicken tri-tip dolore, incididunt pastrami in meatball in irure sint sed shank. Pork prosciutto est tri-tip, veniam ham quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.**

Line-height: 32px

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## **Effect of line height**

**Who doesn't like bacon?**

**Bacon ipsum dolor sit amet labore ham tenderloin ad, voluptate ham hock pork sint adipisicing kielbasa culpa. Sed prosciutto shankle ground round sint kevin elit. Chicken tri-tip dolore, incididunt pastrami in meatball in irure sint sed shank. Pork prosciutto est tri-tip, veniam ham quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.**

# Paragraph width

- When the width of your paragraph gets too long, it becomes hard to read.
- Usually 640px – 720px is the limit of “legible” paragraph.
- Use “containers” to restrict the width of your text

## Hello.

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# **Effect of setting a paragraph width**

*Bacon ipsum dolor sit amet labore ham tenderloin ad, voluptate ham hock pork sint adipisicing kielbasa culpa. Sed prosciutto shankle ground round sint kevin elit. Chicken tri-tip dolore, incididunt pastrami in meatball in irure sint sed shank. Pork prosciutto est tri-tip, veniam ham duis drumstick ut officia reprehenderit short ribs jerky. Velit spare ribs aliqua ullamco minim adipisicing. Venison quis irure chuck.*

# Keep your metrics consistent

- Padding around an element should be equal.
- Use simple multiples for your spacing metrics (and for other metrics as well)
  - Ex: 20px padding & 10px margin (multiples of 10)
  - Ex: 12px padding & 16px font-size & 32px line-height

The image displays two identical video player interfaces side-by-side. Each interface features a black rectangular video thumbnail on the left containing a small white icon of a person throwing a green prop. To the right of the thumbnail is a title card with the text "Videos \ Lectures \ Rating" at the top, followed by a large bold title "Weekend GreenSoc Plugin". Below the title is a smaller subtitle "Ian Yates on Jul 2nd 2011". A short preview of the video content is shown below the subtitle, reading: "Just because you missed it for you to miss out entirely plugin for the TweenMax a". At the bottom of each interface is a light orange rectangular button with the text "This entry is part 11 of 11 in t".

Videos \ Lectures \ Rating

# Weekend GreenSoc Plugin

Ian Yates on Jul 2nd 2011

Just because you missed it for you to miss out entirely plugin for the TweenMax a

This entry is part 11 of 11 in t

Keep your spacing consistent

# Simple not barren

- It's important not to overuse spacing
  - Run into issues where your UI looks “barren”
- There is no golden rule for maintaining the balance
  - A lot of this comes from experience & looking at other designs
  - Use white-space judiciously depending on the purpose of your website.
    - Application: Less white-space ( ~ 20px padding )
    - Promotional: More white-space ( ~ 60px padding )



**Edit****Messages**

08:45

**Cancel****New Message**

To:

Yesterday 15:58

Hey

Read Yesterday

Hey!! ;)

Yea...

**jonathan@talbo...** Yesterday >

Yea...

Barren UI example

Why barren?

Margins & Paddings that are too large breaks  
relationships between elements



WEB DESIGN DECAL  
DESIGN | FALL 2014



Barren UI example

Why barren?

Content is simply floating in the middle of nowhere



WEB DESIGN DECAL  
DESIGN | FALL 2014

# Review

- Macro-level spacing
  - Gives an element a structure & “room to breathe”
  - Padding: Spacing within an element
  - Margin: Spacing between elements
- Micro-level spacing
  - Influences the legibility of text
- Make sure your spacing makes your UI simple, but not barren.