Styling a Web Page with CSS

How CSS Is Used to Design Web Pages

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Viewing and Experiencing Web Pages

- Web page may be displayed differently
    - Kind of device, kind of screen
    - Design to accommodate users
- Experience web pages differently
    - Typical computer monitor

Viewing and Experiencing Web Pages

- Web page may be displayed differently
  - Kind of device, kind of screen
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- Experience web pages differently
  - Typical computer monitor
  - Mobile device

Viewing and Experiencing Web Pages

- Web page may be displayed differently
    - Kind of device, kind of screen
    - Design to accommodate users
- Experience web pages differently
    - Typical computer monitor
    - Mobile device
    - Huge display screen
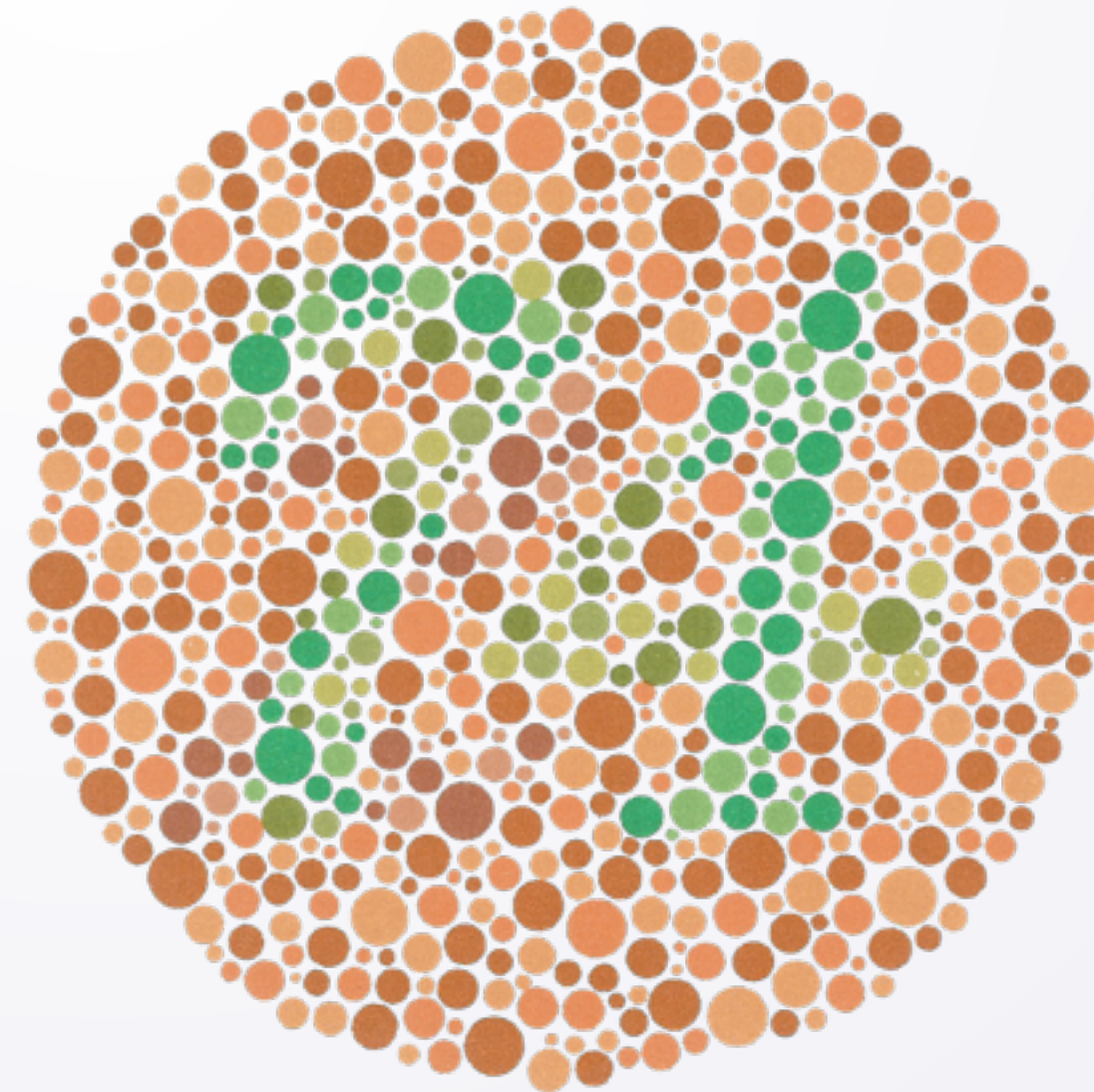
Web Page Accessibility

- Work to ensure web pages accessible
  - Remove barriers, help everyone

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Web Page Accessibility

- Work to ensure web pages accessible
    - Remove barriers, help everyone
    - Sight, hearing, color, clicking, more
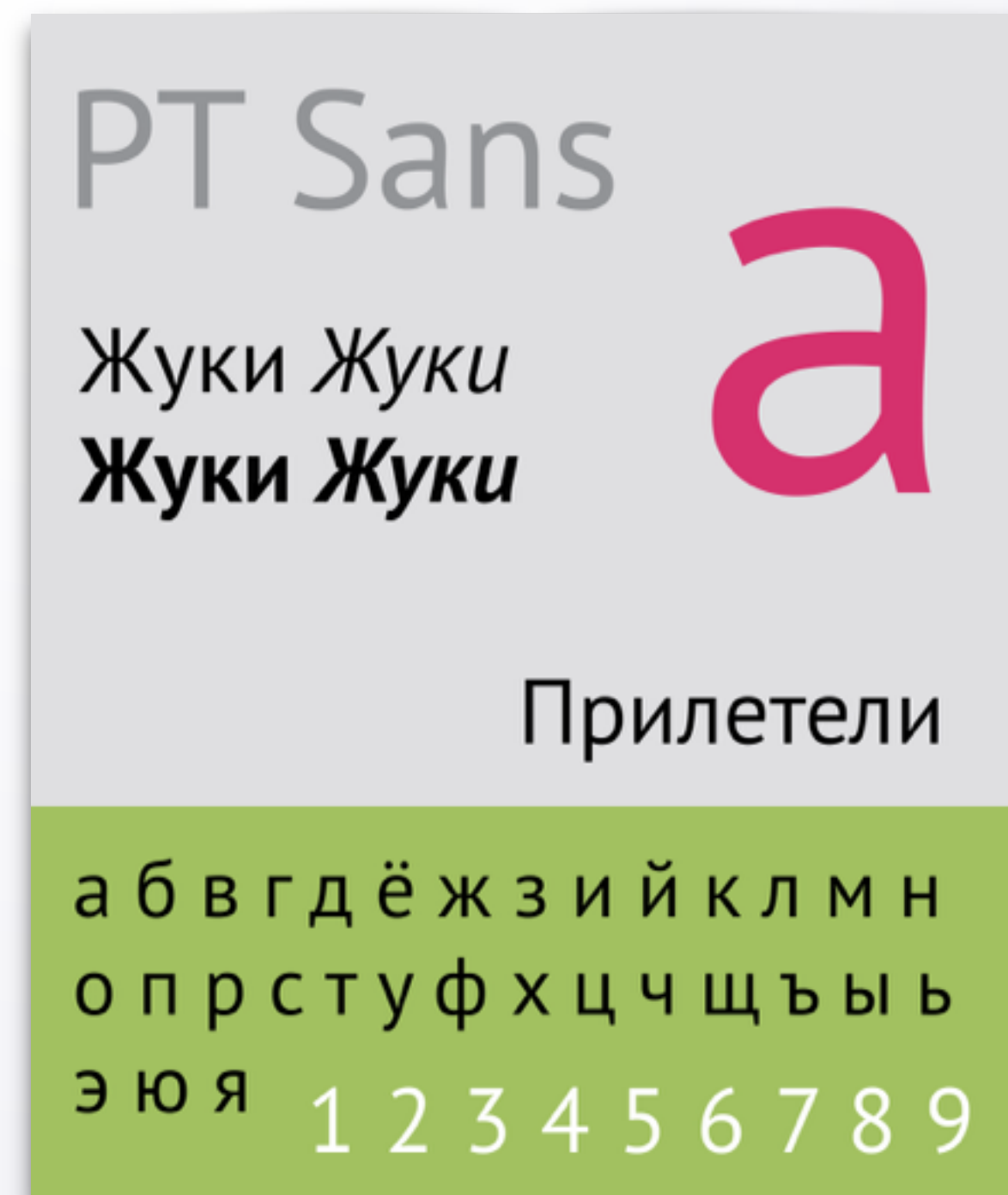
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  - Example: help screen-reading

Web Page Accessibility

- Work to ensure web pages accessible

  - Remove barriers, help everyone

  - Sight, hearing, color, clicking, more

  - Example: help screen-reading

  - Example: colors and fonts

PT Sans

Жуки *Жуки*

Жуки ***Жуки***

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Web Page Accessibility

- Work to ensure web pages accessible

    - Remove barriers, help everyone

    - Sight, hearing, color, clicking, more

    - Example: help screen-reading

    - Example: colors and fonts

- Good user experience

    - Pages load quickly

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From HTML Toward CSS

- HTML, Hypertext Markup Language
  - Specifies document content

From HTML Toward CSS

- HTML, Hypertext Markup Language
  - Specifies document content
  - Specifies some formatting
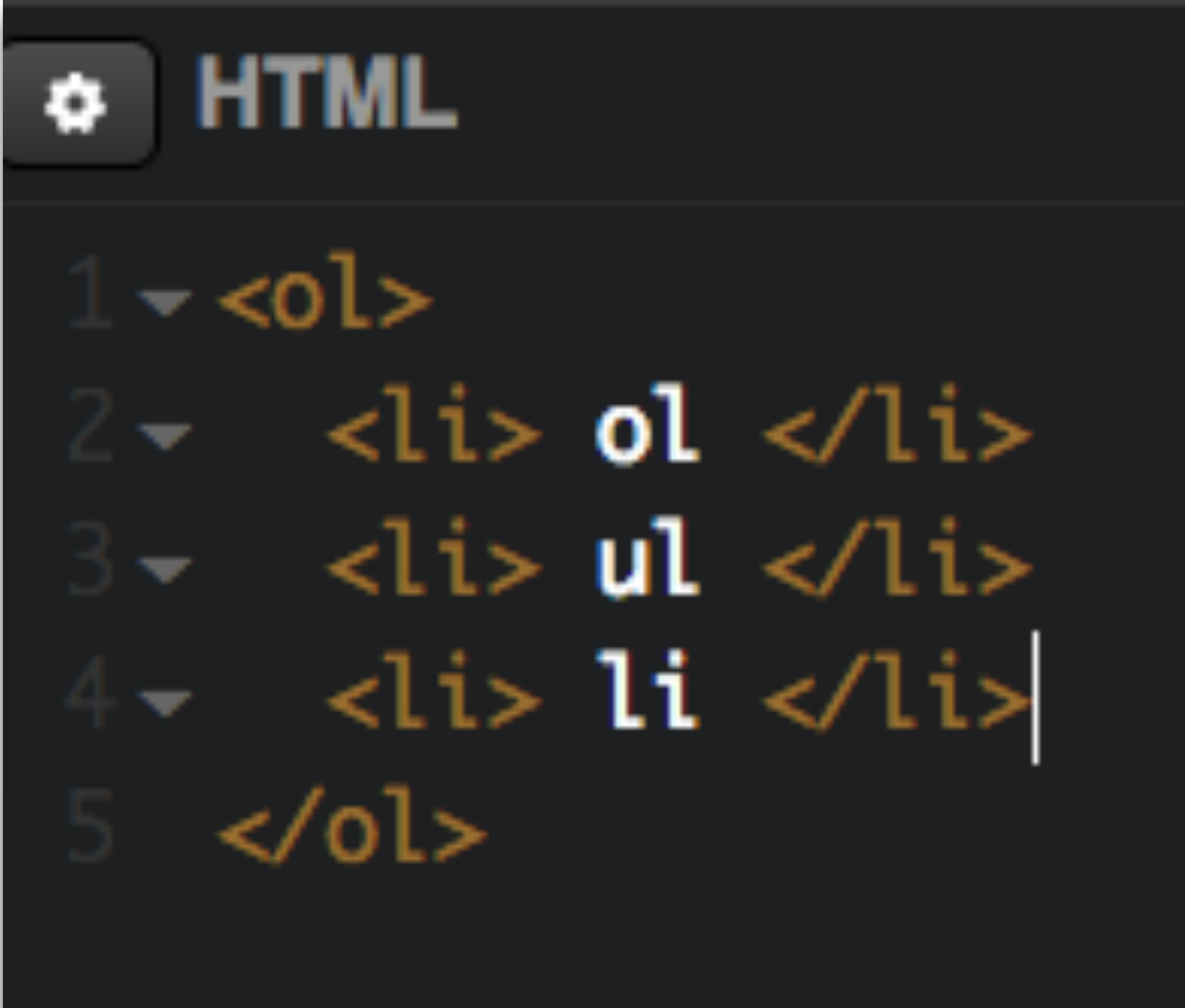   - Header: <h1> <h2> </h2> </h1>

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From HTML Toward CSS

- HTML, Hypertext Markup Language
  - Specifies document content
  - Specifies some formatting
    - Header: <h1> <h2> </h2> </h1>
    - Lists: ,

```
HTML
1 ▾ <ol>
2 ▾     <li> ol </li>
3 ▾     <li> ul </li>
4 ▾     <li> li </li>|
5   </ol>
```

From HTML Toward CSS
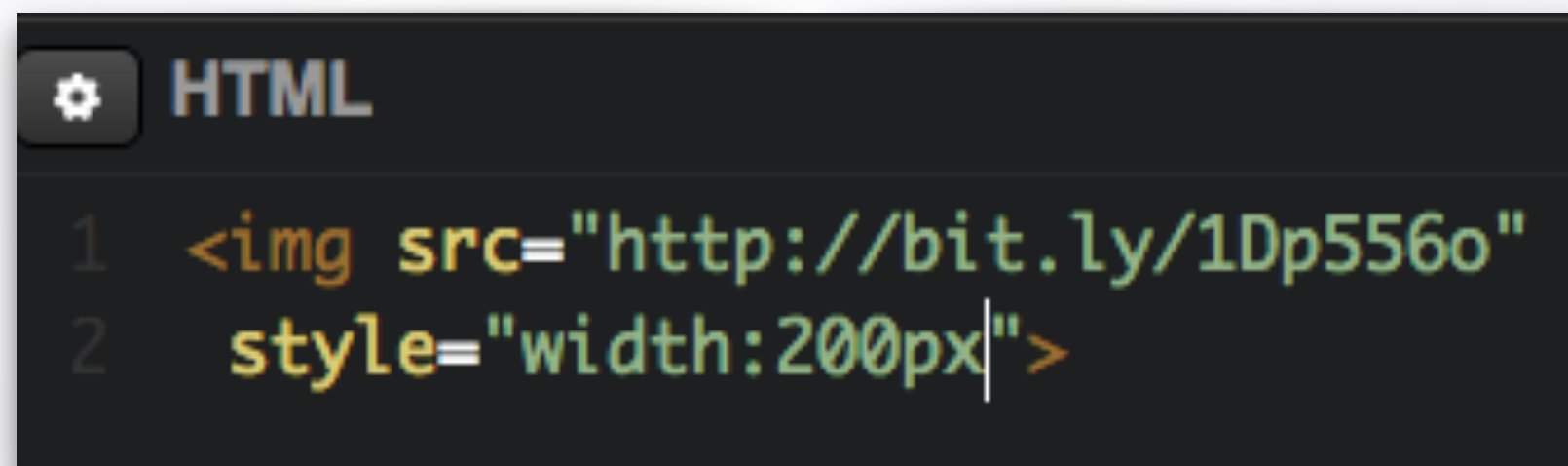
- HTML, Hypertext Markup Language
  - Specifies document content
  - Specifies some formatting
    - Header: <h1> <h2> </h2> </h1>
    - Lists: ,
    - Tables: <tr></tr> <th></th> <td></td>
  - Displaying images
    - width="200"

```html
HTML
1  <img src="http://bit.ly/1Dp556o"
2  width="200">
```

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From HTML Toward CSS

- HTML, Hypertext Markup Language
  - Specifies document content
  - Specifies some formatting
    - Header: <h1> <h2> </h2> </h1>
    - Lists: ,
    - Tables: <tr></tr> <th></th> <td></td>
  - Displaying images
    - width="200"
    - style="width:200px;"

```
HTML
1  <img src="http://bit.ly/1Dp556o"
2    style="width:200px">
```

CSS

- Cascading Style Sheets
  - Specifies look and formatting
  - Separates content from presentation
    - How big is <h1>?
    - Color for <h1>?

```
1 ▾ <h1>Header</h1>
```


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CSS

- Cascading Style Sheets
  - Specifies look and formatting
  - Separates content from presentation
    - How big is <h1>?
    - Color for <h1>?
    - Mobile or Desktop ?
- Design that scales
  - 1000 pages on website