



# CHICAGO PUBLIC LIBRARY

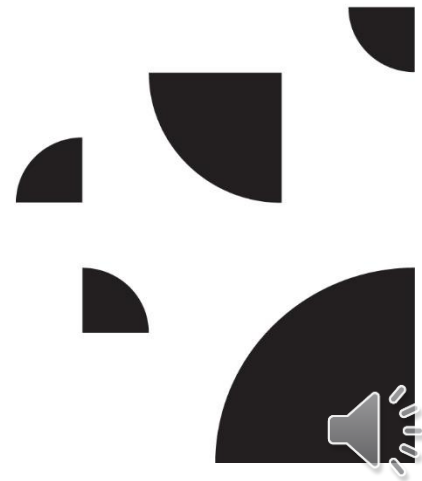




# Customizing Leap Using CSS

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A few examples  
before we begin...



## Default

Addresses

Address Type

Home

Postal Code \*

Zip+4:

City \*

Street Address \*

State \*

Street Address Line 2

DELETE

Street Address Line 3

ADDRESS

Address Check Date (Not used by CPL.)

3/7/2120

Term (Not used by CPL.)

99

Years

## Custom

Addresses

Address Type

Home

Postal Code \*

Zip+4:

City \*

Street Address \*

State \*

Street Address Line 2

DELETE

Street Address Line 2

ADDRESS



## Default


Notification Settings	
Notices Address <div>Home</div>	eReceipt Option <div>(None)</div>
Notification Option <div>Email Address</div> <div><input type="checkbox"/> Additional TXT Notice</div>	
Text Messaging Phone <div>(None)</div>	Wireless Carrier <div>(None)</div>

## Custom


Notification Settings
eReceipt Option <div>(None)</div>
Notification Option <div>Email Address</div>
Phone notification is only available for local area codes: 217, 224, 309, 312, 331, 464, 618, 630, 708, 773, 779, 815, 847 and 872.



## Default

<div><div>⌂ Renew</div><div>🕒 Special Renew</div><div>📅 Reset Due Date</div></div>			
<input checked="" type="checkbox"/>	TYPE	DUE ON ▼	BARCODE
<input checked="" type="checkbox"/>	 DVD	3/16/2021	R0999999999

## Custom

<div><div>⌂ Renew</div><div>🕒 Special Renew</div><div>📊 Estimate Fines</div></div>			
<input checked="" type="checkbox"/>	TYPE	DUE ON ▼	BARCODE
<input checked="" type="checkbox"/>	 DVD	3/15/2021	R0999999999



# Agenda

- About CPL
- Reasons to customize/Reasons not to
- HTML and CSS
- Selectors and Declarations to Know
- Practicalities
- Examples



# About CPL

- Over 800 staff use Leap.
- There was never a time before Leap.





# Reasons to Customize

- Faster patron interactions
- Prevent mistakes and policy violations
- Simplify training



# Reasons Not to Customize

- Can hide issues with records
- May hide other elements by accident
- Rules must be checked at each upgrade
- No one on staff knows HTML and CSS




# HTML and CSS



- HTML says what something is
- CSS says how to display it (or not to display it)
- CSS rules are applied to HTML via selectors



# Viewing the HTML

Renew Special Renew Reset

<input checked="" type="checkbox"/>	TYPE	DUE ON ▼	BARCODE
<input checked="" type="checkbox"/>	 DVD	3/16/2021	R0999999

- Back Alt+Left Arrow
- Forward Alt+Right Arrow
- Reload Ctrl+R
- Save as... Ctrl+S
- Print... Ctrl+P
- Cast...
-  Create QR code for this page
- Translate to English
-  EditThisCookie
- View page source Ctrl+U
- Inspect Ctrl+Shift+I



</li>

<button type="button" class="action btn btn-default reset-due-date disabled-in-readonly">

<i class="glyphicon glyphicon-calendar"></i>

Reset Due Date

</button>

</li>



```
.btn-default {  
    color: #333;  
    background-color: #fff;  
    border-color: #ccc;  
}
```



# Selectors to Know

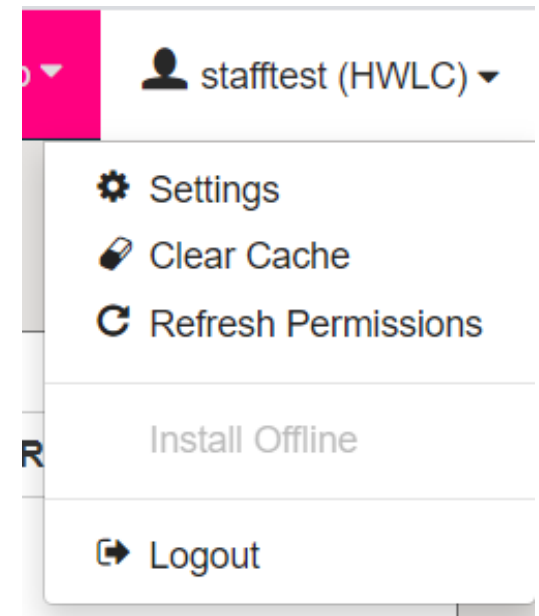


# Id

```
<li id="menuOfflineInstall" class=""  
role="menuitem">...</li>
```

```
#menuOfflineInstall { ... }
```

```
li#menuOfflineInstall { ... }
```





# Class

```
<button type="button" class="action btn btn-  
default reset-due-date disabled-in-  
readonly">...</button>
```

```
.reset-due-date { ... }
```

```
button.reset-due-date { ... }
```



# Id begins with...

```
<div id="items-index-pid1261153">...</div>
```

```
<div id="checkout-index-  
pid1261153">...</div>
```

```
[id^=items-index] ...
```

```
div[id^=items-index] ...
```



# Element inside Another

```
<div id="items-index-pid1261153">...  
  <button type="button" class="action btn btn-  
default reset-due-date disabled-in-  
readonly">...</button>  
...</div>
```

```
[id^=items-index] .reset-due-date { ... }
```



# Element Following Another

Suffix

Application Language

Name on Identification (If  
different from name

above)

Last Name

First Name

Middle Name

☐ Use Name on Identification for Print and Telephone  
Notices

```
<div class="checkbox">  
  <label>  
    <input class="disabled-in-  
readonly" type="checkbox"  
name="UseLegalNameOnNotices"  
value="">  
    Use Name on Identification for  
Print and Telephone Notices  
  </label>  
</div>
```



# Element Following Another

```
<div class="patronGenderSection hide">...</div>
```

```
<div class="checkbox">
```

```
  <label><input ...>
```

```
    Use Name on Identification for Print ... Notices
```

```
  </label>
```

```
</div>
```

```
div.patronGenderSection + div.checkbox { ...  
}
```

```
.patronGenderSection + .checkbox { ... }
```



# Nth Element inside Another

Find Tool - Patron

Patron ▾

Basic Search ▸

Name (Last, First Middle) ▸

Keyword (All) ▸

Authority Record ☆

Bibliographic Record ☆

Bibliographic Record (Remote Databases) ☆

Hold Request ☆

ILL Request ☆

Item Record ☆

Patron ★

Record Set ☆

Templates ☆

☆

🔍

📁

🔍

☰

	Street	City	S...	Zip	Birth Da...	Library

li:nth-child(3)

CHICAGO  
PUBLIC  
LIBRARY

```
<li class="erms-ft-database erms-dd" ...>
<button></button>
<ol class="erms-defaultable erms-popup-list">
<li>...Authority Record...</li>
<li>...Bibliographic Record...</li>
<li role="menuitem"><a class="erms-popup-list-
item">Bibliographic Record (Remote
Databases)</a>...</li>
```

```
li.erms-ft-database ol.erms-popup-list li:nth-child(3)
{ ... }
```



# Declarations to Know

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display: none;

#menuOfflineInstall { display: none; }

[id^=items-index] .reset-due-date {  
display: none; }



# !important

```
#menuOfflineInstall { display: none  
!important; }
```

```
[id^=items-index] .reset-due-date {  
    display: none !important; }
```



# Also of interest...

- margins
- padding
- borders
- content

## Notification Settings

eReceipt Option

(None)



Notification Option

Email Address



Phone notification is only available for local area codes:  
217, 224, 309, 312, 331, 464, 618, 630, 708, 773, 779,  
815, 847 and 872.



# Practicalities

- `/leapwebapp/circulation/css/polaris.css`
- `login.css`
- Always add rules, never change existing rules
- Be as specific as possible when “writing” your selectors



# Examples



# Address Check Date

Address Check Date (Not used by CPL.)

2/6/2119

Term (Not used by CPL.)

0

Months

## Renew Registration

TEST CARD's registration will expire on 7/1/2021. Would you like to renew the registration?

Expiration Date

3/7/2024

Expiration Term

3

Years

Address Check Date (Not used by CPL.)

3/7/2120

Address Check Term (Not used by CPL.)

99

Years

CONTINUE

CANCEL

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Address Check Date (Not used by CPL.)

2/6/2119

Term (Not used by CPL.)

0



Months



```
<div class="address-check-section  
row"></div>
```

```
.address-check-section { display: none; }
```



Street Address Line 3

```
form.address { border-bottom: none  
!important; padding-bottom: 0px !important;  
margin-bottom: 0px !important;}
```





```
<div id="renew-patron-content" class="row dark-content">
  <div class="col-md-12">
    [Expiration date]
  </div>
  <div class="col-md-12">
    [Address check]
  </div>
</div>
```

Renew Registration

TEST CARD's registration will expire on 7/1/2021. Would you like to renew the registration?

Expiration Date: 3/7/2024

Expiration Term: 3 Years

Address Check Date (Not used by CPL.): 3/7/2120

Address Check Term (Not used by CPL.): 99 Years

CONTINUE CANCEL

```
#renew-patron-content div.col-md-12:nth-child(2) { display: none; }
```



## Renew Registration



TEST CARD's registration will expire on 7/1/2021. Would you like to renew the registration?

Expiration Date

Expiration Term

3/7/2024

3



Years



**CONTINUE**

**CANCEL**

Patron Code \*

**CHICAGO  
PUBLIC  
LIBRARY**



# Leap Login


**CHICAGO  
PUBLIC  
LIBRARY**

**Domain\Username**

**Password**

**SIGN IN**






**Domain\Username**

**Password**

**SIGN IN**

# Cooperative Computer Services Leap Login






Domain\Username

Password

**SIGN IN**

# Metro Boston Library Network Leap Login






**Domain\Username**

**Password**

**SIGN IN**

# MAIN Library Consortium Leap Login





**Domain\Username**

**Password**

**SIGN IN**

# Plano Public Library Leap Login



```
<div id="polaris-logo">
```

```
<h1>
```

```

```

```
</h1>
```

```
</div>
```





# 1. Hide the Polaris logo

```
h1 img {  
  display: none;  
}
```



## 2. Add a background image to the H1

```
h1 {  
    height: 119px;  
    background-image: url(...);  
    background-repeat: no-repeat;  
    background-position: center;  
}
```



### 3. Decrease padding on bottom of div

```
#polaris-logo {  
  text-align: center;  
  display: block;  
  padding-bottom: 35px;  
}
```



### 3. Decrease padding on bottom of div

```
div#polaris-logo {  
    padding-bottom: 15px;  
}
```



# Questions?

Tuesday, March 23, 2021

11:30 am – noon CDT

“Room” Virtual 1

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