



Taming Frankenstein's Monster



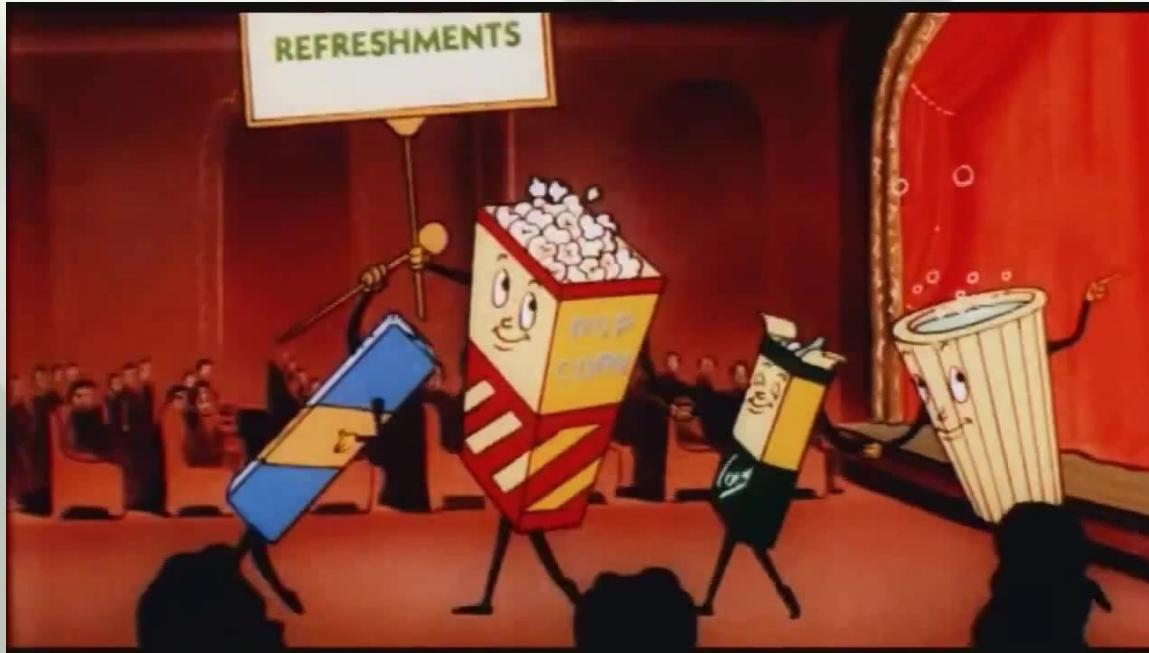
It me



HALL OF FAME



Let's all go to the website...



and check out our new app!

Contrast Tho



Upward trend in vision issues

(aka all ya'll staring at your computers)



Prevalence of lower end monitors and computers



High likelihood that you will project your screen in a client presentation

Contrast Tho

Accessible color palette builder

The screenshot shows a web-based tool for creating accessible color palettes. At the top, there's a color matrix with six colors: Grey (#E9E9E9), Light Green (#B0E272), Green (#5E793D), Dark Green (#313F1F), Dark Grey (#666666), and Black (#000000). Below the matrix is an "Edit palette" button. The main area is titled "Accessible color combinations" and displays a grid of color swatches. The columns represent different text colors: Grey text (#E9E9E9), Light green text (#B0E272), Green text (#5E793D), Dark green text (#313F1F), Dark grey text (#666666), and Black text (#000000). The rows represent different background colors: Black background (#000000), Dark grey background (#666666), Dark green background (#313F1F), Green background (#5E793D), Light green background (#B0E272), and Grey background (#E9E9E9). Each cell in the grid contains a small "Aa" icon, indicating the color contrast ratio.

	Grey text #E9E9E9 Aa	Light green text #B0E272 Aa	Green text #5E793D Aa	Dark green text #313F1F Aa	Dark grey text #666666 Aa	Black text #000000 Aa
Black background #000000						
Dark grey background #666666						
Dark green background #313F1F						
Green background #5E793D						
Light green background #B0E272						
Grey background #E9E9E9						

You can learn more about this project on [GitHub](#).

Contrast Tho

Accessible color palette builder



Accessible Grey
#F5F5F5

Light Green
#B0E272

Green
#5E793D

Dark Green
#313F1F

Dark Grey
#666666

Black
#000000

Edit palette

Accessible color combinations

	Accessible grey text #F5F5F5 Aa	Light green text #B0E272 Aa	Green text #5E793D Aa	Dark green text #313F1F Aa	Dark grey text #666666 Aa	Black text #000000 Aa
Black background #000000	Aa	Aa				
Dark grey background #666666	Aa					
Dark green background #313F1F	Aa	Aa				
Green background #5E793D	Aa					
Light green background #B0E272				Aa		Aa
Accessible grey background #F5F5F5			Aa	Aa	Aa	Aa

You can learn more about this project on [GitHub](#).

Contrast Tho

Fan Vote 2020 - Ghouls and Goblins Hall of Fame

localhost:3000/home

HALL OF FAME

VOTE FOR YOUR FAVORITES!

SIGN IN TO VOTE

VOTE FOR YOUR FAVORITE GOBLINS AND GOBLINS TO BE INDUCTED INTO OUR HALL OF FAME! YOU CAN SELECT UP TO 3 NOMINEES PER USER.

FRANKENSTEIN'S MONSTER BRIDE OF FRANKENSTEIN CHUCKY FREDDY KRUEGER THE THING

PENNYWISE DRACULA CREATURE FROM THE BLACK LAGOON WOLFMAN THE BLOB

PREDATOR THE PALE MAN XENOMORPH

Made with by Dr. Frankenstein's Laboratory of Technology

Fan Vote 2020 - Ghouls and Goblins Hall of Fame

localhost:3000/contrast

HALL OF FAME

Vote for your favorites!

Sign In to Vote

Vote for your favorite ghouls and goblins to be inducted into our Hall of Fame! You can select up to 3 nominees per user.

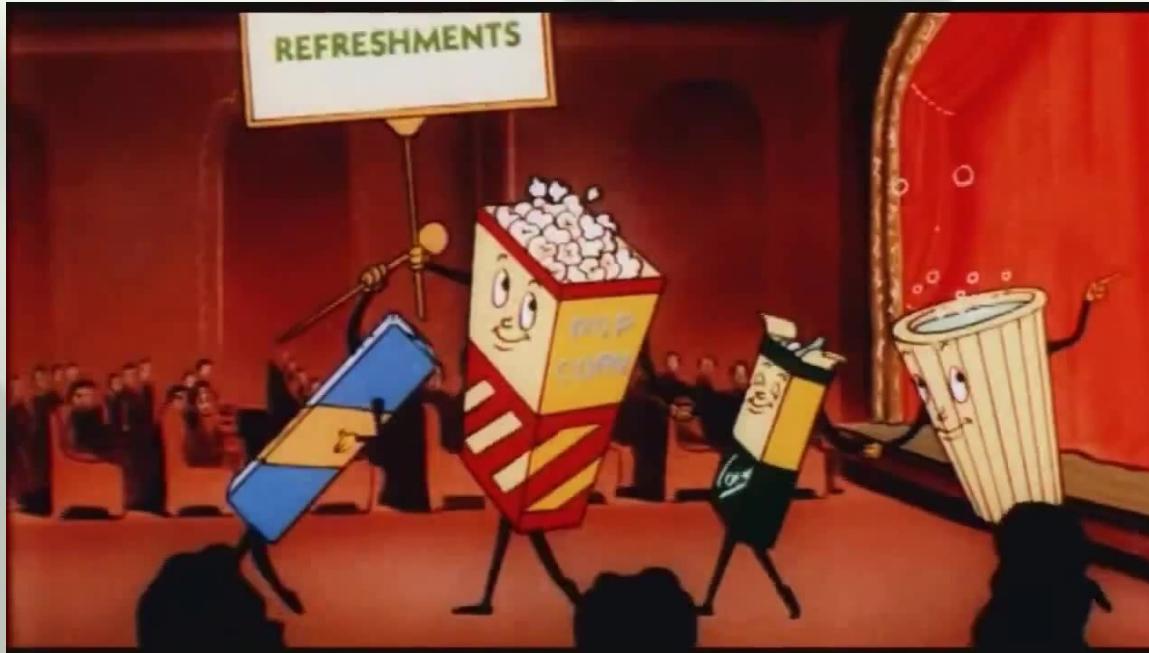
Frankenstein's Monster Bride of Frankenstein Chucky Freddy Krueger The Thing

Pennywise Dracula Creature from the Black Lagoon Wolfman The Blob

Predator The Pale Man Xenomorph

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Let's all go to the website...



and check out our new app!

Keyboards Tho



Instances of manual dexterity issues

- Temporary (e.g., dominant hand injury)
- Chronic (e.g., Multiple sclerosis, arthritis)



Navigating the web with a screen reader



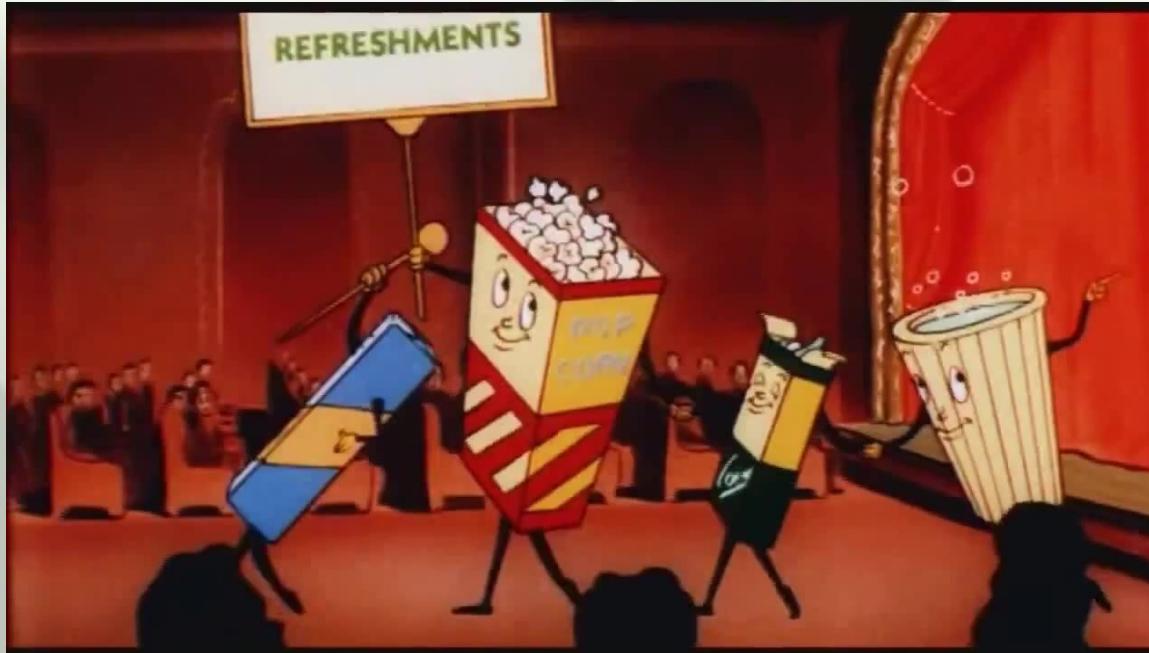
Efficiency (e.g., those who are well-versed in keyboard shortcuts)

Keyboards Tho

```
<div class="my-button" onClick="someFunction()>
    <!-- your button content -->
    <span class="my-text">Sign In to Vote</span>
</div>
```

```
<button type="button" class="my-button" onClick="someFunction()>
    <!-- your button content -->
    <span class="my-text">Sign In to Vote</span>
</button>
```

Let's all go to the website...



and check out our new app!

Modals Tho

```
<Helmet defer={false}>
  <script src="/inert-polyfill.min.js" />
</Helmet>
```

```
export const setInertness = (element, inertValue) => {
  if (!element) {
    return null;
  }

  if (inertValue) {
    return element.setAttribute('inert', '');
  }

  return element.removeAttribute('inert');
}
```

Modals Tho

Fan Vote 2020 - Ghouls and Goblins

localhost:3000/keyboard

HALL OF FAME

Vote for your favorites!

Sign In to Vote

Vote for your favorite ghouls and goblins to be inducted into our Hall of Fame! You can select up to 3 Nominees per user.

Frankenstein's Monster

Pennywise

Dracula

Creature from the Black Lagoon

Wolfman

The Blob

The Thing

Predator

The Pale Man

Xenomorph

ENTER YOUR EMAIL ADDRESS TO VOTE X

Email address

Sign In!

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Fan Vote 2020 - Ghouls and Goblins

localhost:3000/inert

HALL OF FAME

Vote for your favorites!

Sign In to Vote

Vote for your favorite ghouls and goblins to be inducted into our Hall of Fame! You can select up to 3 Nominees per user.

Frankenstein's Monster

Pennywise

Dracula

Creature from the Black Lagoon

Wolfman

The Blob

The Thing

Predator

The Pale Man

Xenomorph

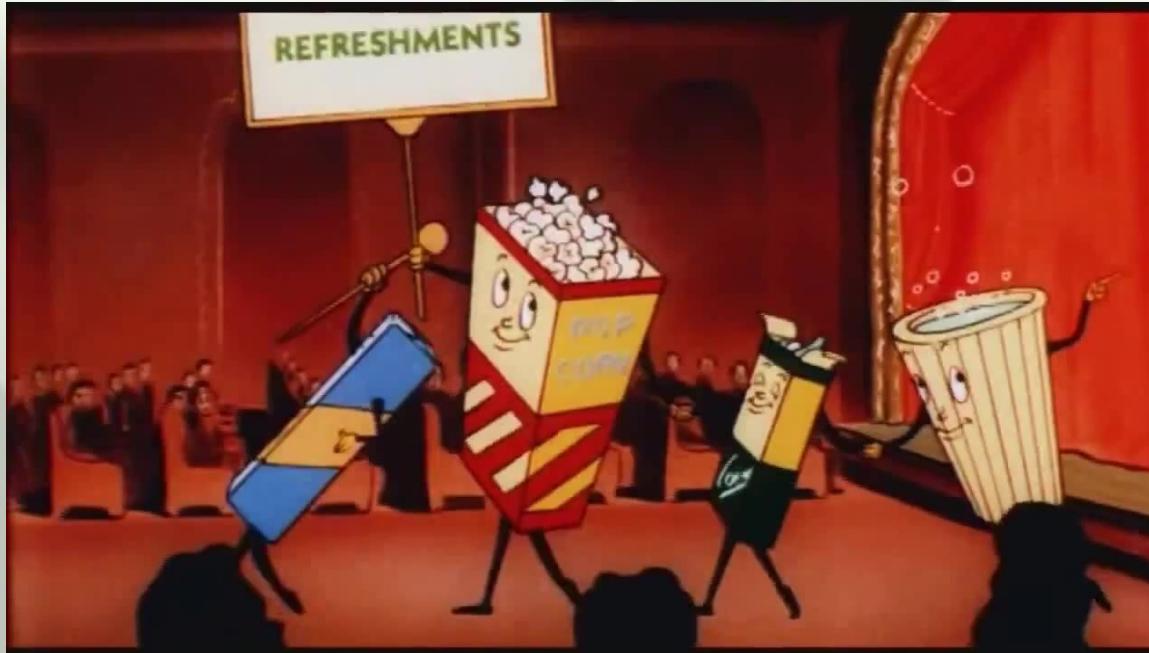
ENTER YOUR EMAIL ADDRESS TO VOTE X

Email address

Sign In!

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Dark Mode Tho



Sensitivity to light, aka photophobia



Effects of light on your circadian rhythm



Preference

Dark Mode Tho

```
1 @media screen and (prefers-color-scheme: dark) {  
2     // Your dark mode styles go here  
3 }
```

Dark Mode Tho

```
1 @media screen and (prefers-color-scheme: dark) {  
2     :root {  
3         --bodyBg: #1D2512;  
4         --bodyText: #E9E9E9;  
5         --linkColor: #B0E272;  
6         --linkFocus: #FFFFFF;  
7  
8         --focusColor: #B0E272;  
9         --focusOutline: #B0E272;  
10        --headerOutline: #B0E272;  
11        --footerOutline: #B0E272;  
12  
13        --headerBG: rgba(0, 0, 0, 0.25);  
14        --headerText: #B0E272;  
15        --headerLink: #B0E272;  
16  
17        // and so on...  
18    }  
19 }
```

Dark Mode Tho

Fan Vote 2020 - Ghouls and Goblins Hall of Fame

localhost:3000/contrast

HALL OF FAME

Vote for your favorites!

Sign In to Vote

Vote for your favorite ghouls and goblins to be inducted into our Hall of Fame! You can select up to 3 Nominees per user.

Frankenstein's Monster	Bride of Frankenstein	Chucky	Freddy Krueger	The Thing
Pennywise	Dracula	Creature from the Black Lagoon	Wolfman	The Blob
Predator	The Pale Man	Xenomorph		

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Fan Vote 2020 - Ghouls and Goblins Hall of Fame

localhost:3000/dark

HALL OF FAME

Vote for your favorites!

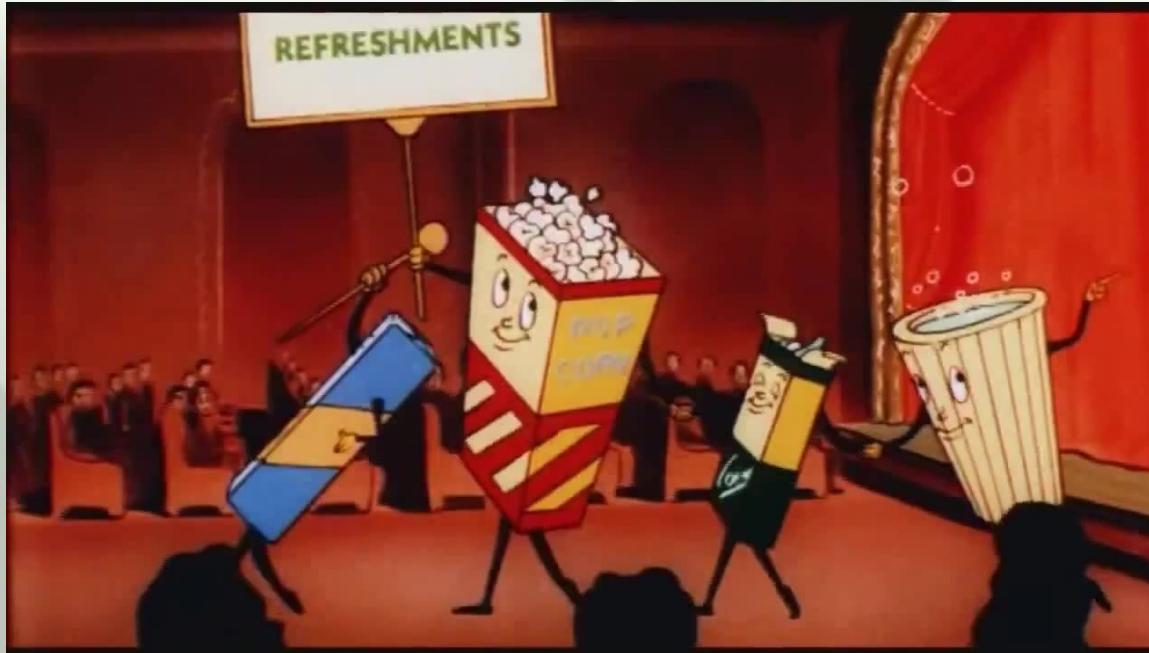
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Pennywise	Dracula	Creature from the Black Lagoon	Wolfman	The Blob
Predator	The Pale Man	Xenomorph		

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More Contrast Tho



Blindness cases in U.S. expected to double by 2050



Prevalence of low vision
(e.g., Macular Degeneration)



Again, preference

More Contrast Tho

```
1 @media (prefers-contrast: high) {  
2     :root {  
3         // Black on White  
4     }  
5 }  
6  
7 @media (-ms-high-contrast: black-on-white) {  
8     :root {  
9         // Black on White  
10    }  
11 }  
12  
13 @media (prefers-contrast: high) and (prefers-color-scheme: dark) {  
14     :root {  
15         // White on Black  
16     }  
17 }  
18  
19 @media (-ms-high-contrast: white-on-black) {  
20     :root {  
21         // White on Black  
22     }  
23 }
```

More Contrast Tho

```
1 @media (prefers-contrast: high) and (prefers-color-scheme: dark) {  
2     :root {  
3         --bodyBg: #000000;  
4         --bodyText: #FFFFFF;  
5         --bodyFont: 'Arbutus Slab', serif;  
6         --linkColor: #B0E272;  
7         --linkFocus: #FFFFFF;  
8  
9         --focusColor: #B0E272;  
10        --focusOutline: #B0E272;  
11        --headerOutline: #B0E272;  
12        --footerOutline: #B0E272;  
13  
14        --headerBG: rgba(0, 0, 0, 0.3);  
15        --headerText: #B0E272;  
16        --headerLink: #B0E272;  
17  
18        // and so on...  
19    }  
20 }
```

More Contrast Tho

Fan Vote 2020 - Ghouls and Goblins Hall of Fame

localhost:3000/high-contrast-light

HALL OF FAME

Vote for your favorites!

Sign In to Vote

Vote for your favorite ghouls and goblins to be inducted into our Hall of Fame! You can select up to 3 Nominees per user.

Frankenstein's Monster Bride of Frankenstein Chucky Freddy Krueger The Thing

Pennywise Dracula Creature from the Black Lagoon Wolfman The Blob

Predator The Pale Man Xenomorph

Made with by Dr. Frankenstein's Laboratory of Technology

Fan Vote 2020 - Ghouls and Goblins Hall of Fame

localhost:3000/high-contrast

HALL OF FAME

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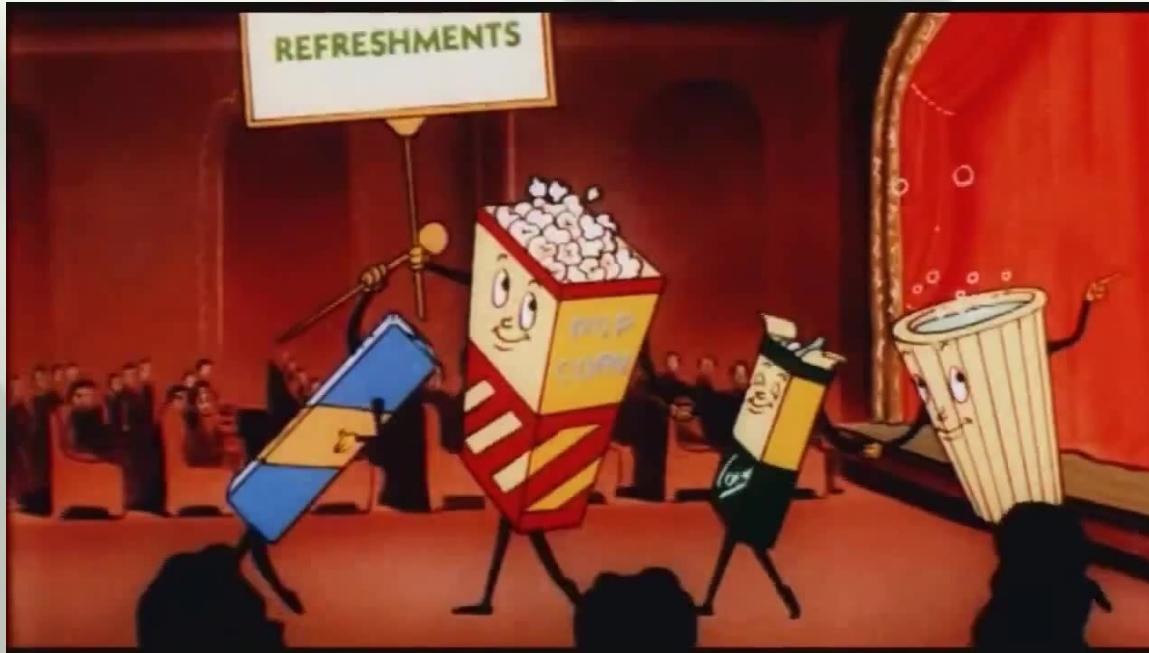
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Animation Tho



Common neurological disorders

(e.g., epilepsy)



Common neurological disorders

(e.g., vertigo)



Mild to severe headaches or dizzy spells

Animation Tho

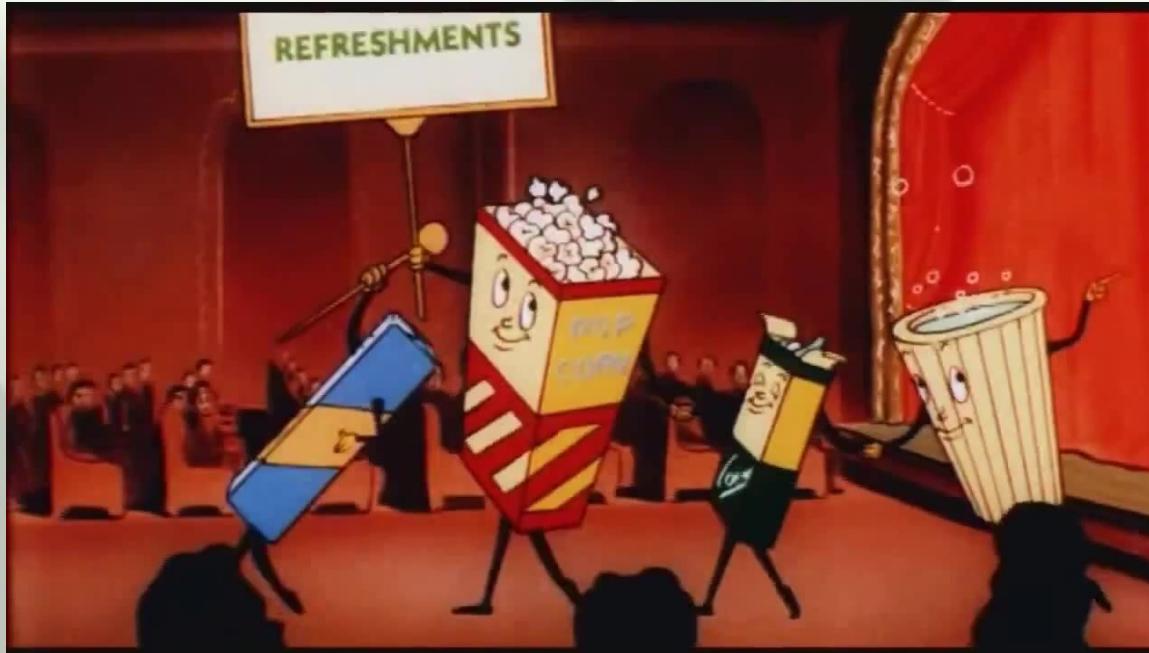
```
1 @media (prefers-reduced-motion: reduce) {  
2     .my-animation {  
3         opacity: 1;  
4         transition: 0;  
5     }  
6     &.is-shown {  
7         transform: translate(0, 0);  
8     }  
9     &.is-hidden {  
10        transform: translate(0, 0);  
11        opacity: 1;  
12    }  
13 }  
14 }  
15 }
```

Animation Tho

A screenshot of a web browser window showing the 'G&G HALL OF FAME' voting page. The title 'HALL OF FAME' is displayed in green, stylized letters next to a small illustration of a tombstone. Below the title, a green button says 'Vote for your favorites!'. A text box below it reads: 'Vote for your favorite ghouls and goblins to be inducted into our Hall of Fame! You can select up to 3 Nominees per user.' Three circular profile pictures are shown at the bottom: 'Frankenstein's Monster', 'Bride of Frankenstein', and 'Charles Lee Ray'. A 'Sign In to Vote' button is located in the top right corner.

A screenshot of a mobile browser window showing the same 'G&G HALL OF FAME' voting page. The interface appears identical to the desktop version, with the title, voting instructions, and three nominees visible. The 'Sign In to Vote' button is also present. The background shows a dark, atmospheric image of a crowd of people.

Let's all go to the website...



and check out our new app!

Preferences Tho



The desire to quickly update the look of the site to fit your needs at a particular moment in time

Preferences Tho

HALL OF FAME

Vote for your favorites!

Sign In to Vote

Vote for your favorite ghouls and goblins to be inducted into our Hall of Fame!
You can select up to 3 Nominees per user.

Frankenstein's Monster Bride of Frankenstein Chucky Freddy Krueger The Thing

Pennywise Dracula Creature from the Black Lagoon Wolfman The Blob

Made with

by Dr. Frankenstein's Laboratory of Technology

General

Appearance: Light Dark

Accent color: Purple Orange Green Blue Pink

Highlight color: Purple

Sidebar icon size: Medium

Automatically hide and show the menu bar

Show scroll bars: Automatically based on mouse or trackpad When scrolling Always

Click in the scroll bar to: Jump to the next page Jump to the spot that's clicked

Default web browser: Firefox.app

Ask to keep changes when closing documents

Close windows when quitting an app
When selected, open documents and windows will not be restored when you re-open an app

Recent items: 10 Documents, Apps, and Servers

Allow Handoff between this Mac and your iCloud devices

Use font smoothing when available

Preferences Tho

HALL OF FAME

Vote for your favorites!

Sign In to Vote

Vote for your favorite ghouls and goblins to be inducted into our Hall of Fame!
You can select up to 3 Nominees per user.

Frankenstein's Monster

Bride of Frankenstein

Chucky

Freddy Krueger

The Thing

Pennywise

Dracula

Creature from the Black Lagoon

Wolfman

The Blob

Made with 🧟 by Dr. Frankenstein's Laboratory of Technology

General

Appearance: Light Dark

Accent color: Blue Purple Orange Green

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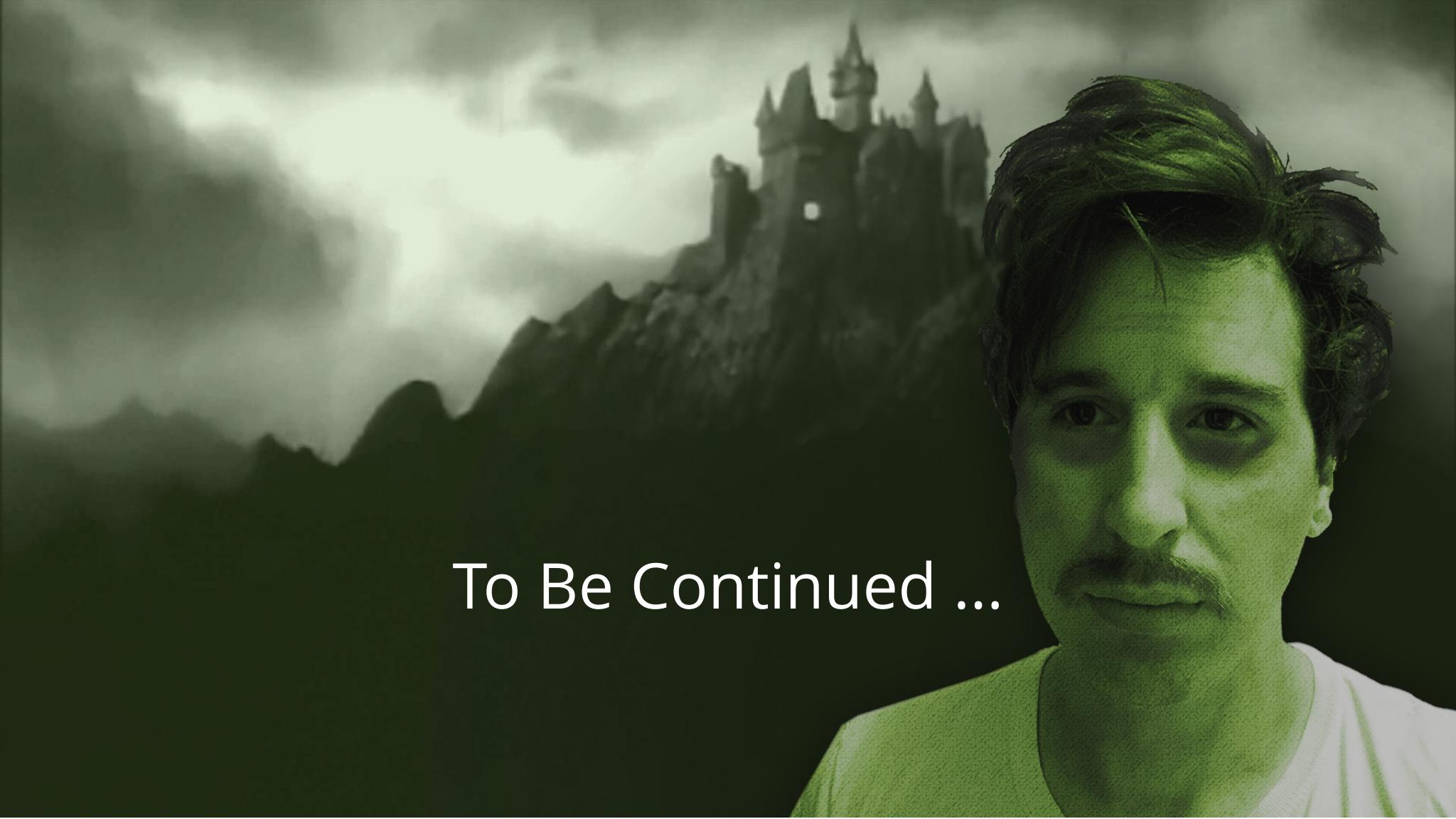
Allow Handoff between this Mac and your iCloud devices

Use font smoothing when available



FIN

Thank You!

A dark, atmospheric scene. In the foreground, a man with dark hair and a mustache looks directly at the viewer. He is wearing a light-colored t-shirt. In the background, a large, medieval-style castle with multiple towers and spires sits atop a rocky cliff. The sky is filled with heavy, dark clouds, creating a somber and mysterious atmosphere.

To Be Continued ...

A dark, atmospheric image of a castle perched on a rocky cliff, surrounded by thick fog and clouds.

Questions?

