

# Accessible Design Considerations for Styles, Components, Patterns, and Pages

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Enabling designers to proactively embed accessibility considerations in their design systems

October 17, 2024

level  
access

# Meet Karen Hawkins



## **Karen Hawkins, CPACC**

Principal of Accessible Design,  
Level Access



## **Connect with me**

Email

LinkedIn

## SECTION 1

**Some background**

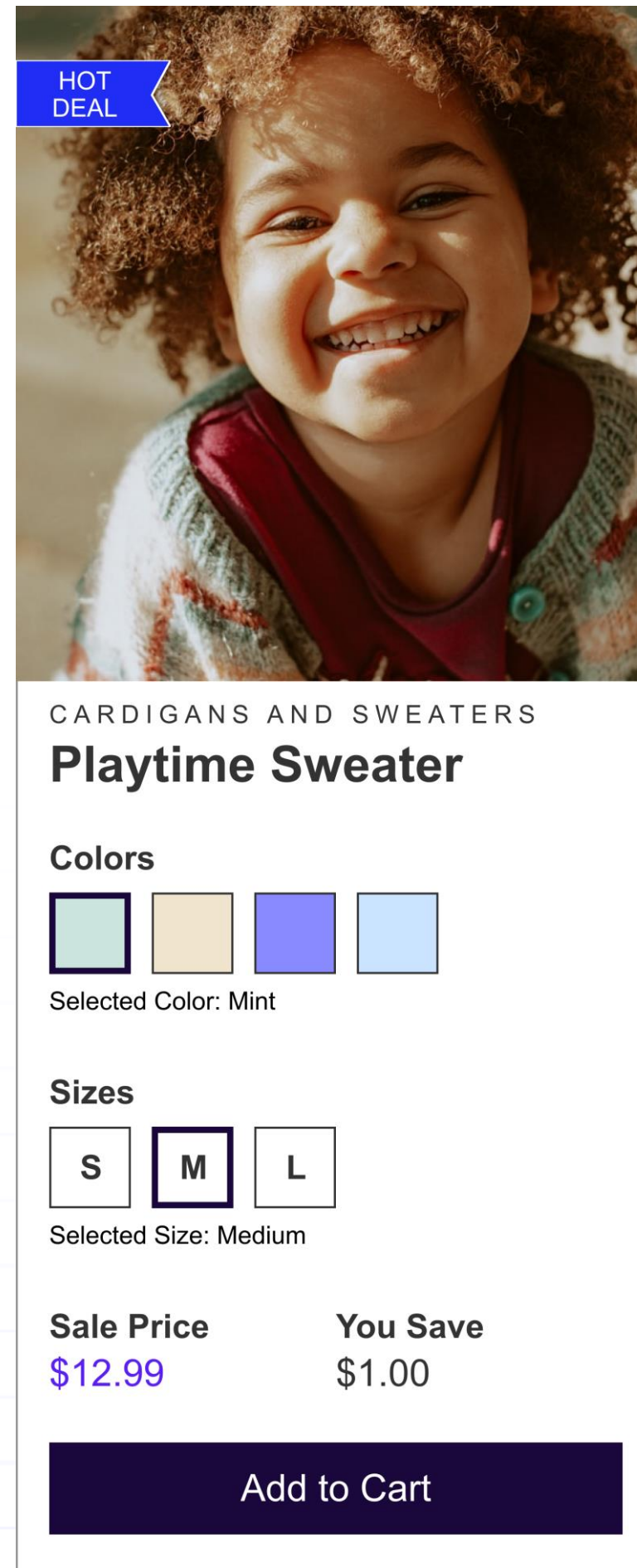
# Design systems are like Lego kits

- Contain reusable components and instructions
- Components meet clear standards
- Components can be assembled in a variety of ways
- Instructions are for both creation and use




## Pattern

Design systems map well to our mental model of component-ization



**HOT DEAL**



CARDIGANS AND SWEATERS  
**Playtime Sweater**

**Colors**

Selected Color: Mint

**Sizes**

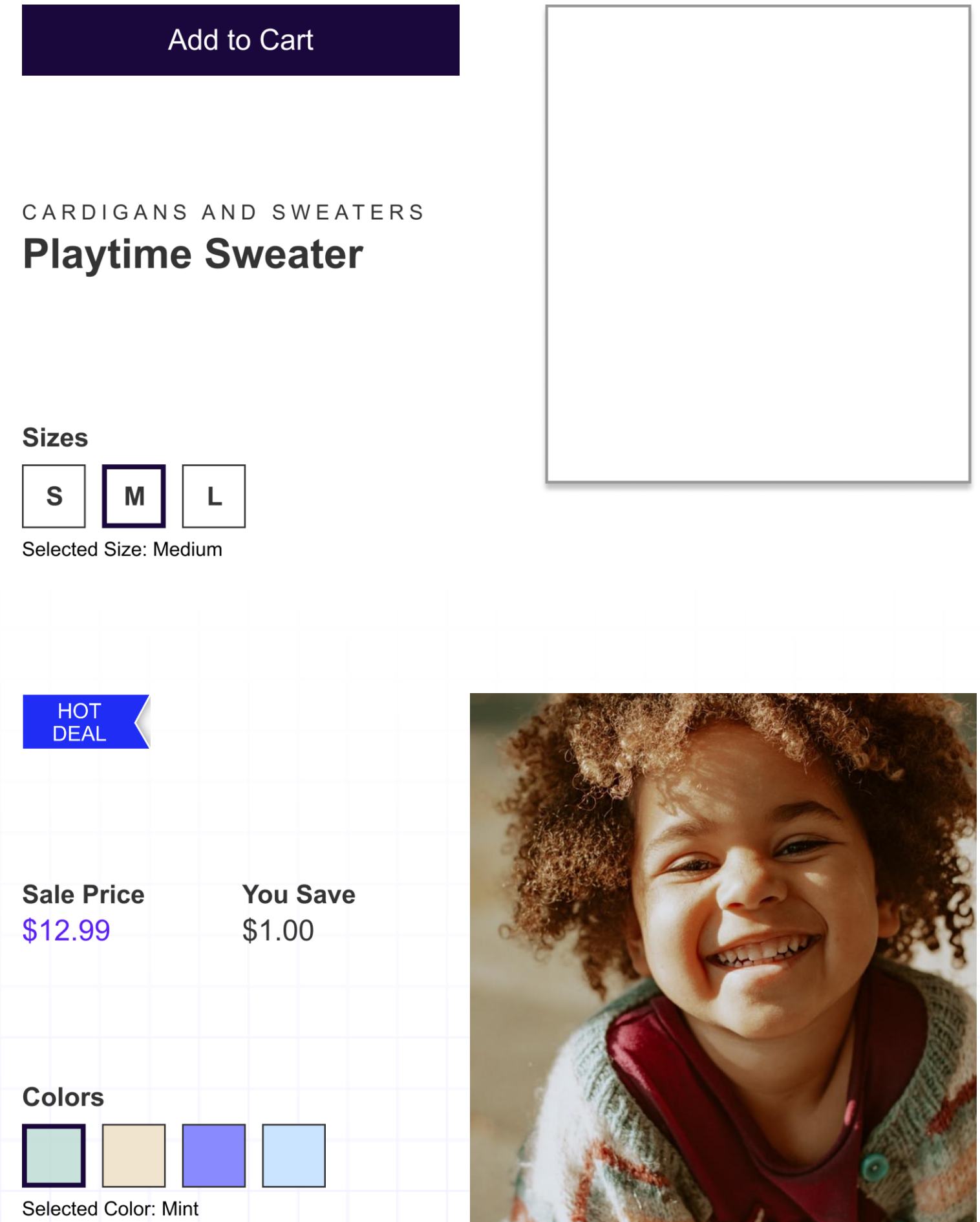
Selected Size: Medium

**Sale Price**  
\$12.99

**You Save**  
\$1.00

**Add to Cart**

## Components



**Add to Cart**

CARDIGANS AND SWEATERS  
**Playtime Sweater**

**Sizes**

Selected Size: Medium


**HOT DEAL**

**Sale Price**  
\$12.99

**You Save**  
\$1.00

**Colors**

Selected Color: Mint



# Design system levels have different accessibility requirements

## Design system level

### Styles

## Notable accessibility considerations

Set up your tokens to account for potential accessibility application

### Components

Maximize permutations and interactivity

### Patterns

Higher order thinking like reading order, focus management, and feedback

### Page templates

Additional navigational paradigms like skip links and landmarks

### Pages

Focus on readable and understandable content

## SECTION 2

# Accessibility in style guides












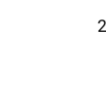



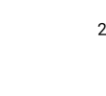




# Style accessibility

Set up your tokens to account for potential accessibility application









## Headings

Characteristics	Breakpoint	Visual
<b>ds-heading-100</b> Font: Rubik Weight: semi bold (600) Size: 28 px (1.75 REM) Line height: 42 px (~2.625 REM)	Desktop and tablet	<b>ds-heading-100</b> Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet
<b>ds-heading-100</b> Font: Rubik Weight: semi bold (600) Size: 24 px (1.5 REM) Line height: 36 px ( 2.25 REM)	Mobile	
<b>ds-heading-200</b> Font: Roboto Weight: semi bold (600) Size: 24 px (1.5 REM) Line height: 36 px (2.25 REM)	Desktop and tablet	
<b>ds-heading-200</b> Font: Roboto Weight: semi bold (600) Size: 22 px (1.375 REM) Line height: 33 px (~2.100 REM)	Mobile	
<b>ds-heading-300</b> Font: Roboto Weight: semi bold (600) Size: 20 px (1.25 REM) Line height: 30 px (1.875 REM)	Desktop, tablet, and mobile	
<b>ds-heading-400</b> Font: Roboto Weight: semi bold (600) Size: 18 px (1.125 REM) Line height: 27 px (~1.690 REM)	Desktop, tablet, and mobile	
<b>ds-heading-500</b> Font: Roboto Weight: semi bold (600) Size: 16 px (1 REM) Line height: 24 px (1.5 REM)	Desktop, tablet, and mobile	
<b>ds-heading-600</b> Font: Roboto Weight: medium (500) Size: 16 px (1 REM) Line height: 24 px (1.5 REM)	Desktop, tablet, and mobile	

## Colours

#6A95D0 <b>\$blue-200</b>  \$ds-color-primary-light \$ds-color-interactive-inactive	#074EB0 <b>\$blue-500</b>  \$ds-color-primary \$ds-color-interactive	#FAFAFA <b>\$gray-000</b>  \$ds-color-background-alt	#F4364C <b>\$coral-500</b>  \$ds-color-severity-critical
#063E8D <b>\$blue-700</b>  \$ds-color-primary-dark \$ds-color-interactive-hover	#042F6A <b>\$blue-800</b>  \$ds-color-tooltip-background	#D6E000 <b>\$yellow-500</b>  \$ds-color-severity-warning	#008000 <b>\$green-500</b>  \$ds-color-severity-success
#F3F6FB <b>\$blue-000</b>  \$ds-color-background-primary	#FFFFFF <b>\$white</b>  \$ds-color-text-light	#444444 <b>\$gray-800</b>  \$ds-color-text-medium	#000000 <b>\$black-500</b>  \$ds-color-text-dark
#333333 <b>\$gray-850</b>  \$ds-color-text-dark	#8C8C8C <b>\$gray-500</b>  \$ds-color-border \$ds-color-text-inactive	#F0F0F0 <b>\$gray-100</b>  \$ds-color-text-light	#FF0000 <b>\$red-500</b>  \$ds-color-severity-critical
#A30083 <b>\$purple-500</b>  \$ds-color-focus	#B10606 <b>\$red-500</b>  \$ds-color-error	#F0F0F0 <b>\$gray-100</b>  \$ds-color-text-light	#000000 <b>\$black-500</b>  \$ds-color-text-dark

## Spacing

Token name	Pixel value	REM value	Image
\$ds-spacing-00	0 px	0 REM	
\$ds-spacing-02	1 px	0.0625 REM	
\$ds-spacing-05	2 px	0.125 REM	
\$ds-spacing-10	4 px	0.25 REM	
\$ds-spacing-20	8 px	0.5 REM	
\$ds-spacing-30	16 px	1 REM	
\$ds-spacing-40	24 px	1.5 REM	
\$ds-spacing-50	32 px	2 REM	
\$ds-spacing-60	40 px	2.5 REM	
\$ds-spacing-70	48 px	3 REM	
\$ds-spacing-90	64px	4 REM	



# Typography

## Headings













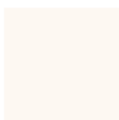



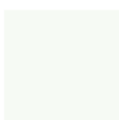
Characteristics	Breakpoint	Visual
<p><b>ds-heading-100</b></p> <p>Font: Rubik Weight: semi bold (600) Size: 28 px (1.75 REM) Line height: 42 px (~2.625 REM)</p>	Desktop and tablet	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-heading-100</b></p> <p>Font: Rubik Weight: semi bold (600) Size: 24 px (1.5 REM) Line height: 36 px (2.25 REM)</p>	Mobile	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-heading-200</b></p> <p>Font: Roboto Weight: semi bold (600) Size: 24 px (1.5 REM) Line height: 36 px (2.25 REM)</p>	Desktop and tablet	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-heading-200</b></p> <p>Font: Roboto Weight: semi bold (600) Size: 22 px (1.375 REM) Line height: 33 px (~2.100 REM)</p>	Mobile	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-heading-300</b></p> <p>Font: Roboto Weight: semi bold (600) Size: 20 px (1.25 REM) Line height: 30 px (1.875 REM)</p>	Desktop, tablet, and mobile	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-heading-400</b></p> <p>Font: Roboto Weight: semi bold (600) Size: 18 px (1.125 REM) Line height: 27 px (~1.690 REM)</p>	Desktop, tablet, and mobile	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-heading-500</b></p> <p>Font: Roboto Weight: semi bold (600) Size: 16 px (1 REM) Line height: 24 px (1.5 REM)</p>	Desktop, tablet, and mobile	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-heading-600</b></p> <p>Font: Roboto Weight: medium (500) Size: 16 px (1 REM) Line height: 24 px (1.5 REM)</p>	Desktop, tablet, and mobile	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>

## Body copy

Characteristics	Breakpoint	Visual
<p><b>ds-body-copy</b></p> <p>Font: Roboto Weight: regular (400) Size: 16 px (1 REM) Line height: 24 px (1.5 REM)</p>	Desktop, tablet, and mobile	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-body-copy-highlight</b></p> <p>Font: Roboto Weight: medium (500) Size: 16 px (1 REM) Line height: 24 px (1.5 REM)</p>	Desktop, tablet, and mobile	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-body-copy-semi-bold</b></p> <p>Font: Roboto Weight: semibold (600) Size: 16 px (1 REM) Line height: 24 px (1.5 REM)</p>	Desktop, tablet, and mobile	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-small-copy</b></p> <p>Font: Roboto Weight: regular (400) Size: 14 px (0.875 REM) Line height: 21 px (~1.315 REM)</p>	Desktop, tablet, and mobile	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-body-copy-200%</b></p> <p>Font: Roboto Weight: regular (400) Size: 32 px (2 REM) Line height: 48 px (3 REM)</p>		<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>
<p><b>ds-small-copy-200%</b></p> <p>Font: Roboto Weight: regular (400) Size: 28 px (1.75 REM) Line height: 42 px (2.625 REM)</p>		<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quam amet morbi magna ornare nunc netus dictum sit.</p>






# Color

## Colours

#6A95D0 \$blue-200  \$ds-color-primary-light \$ds-color-interactive-inactive	#074EB0 \$blue-500  \$ds-color-primary \$ds-color-interactive	#FAFAFA \$gray-000  \$ds-color-background-alt	#F4364C \$coral-500  \$ds-color-severity-critical
#063E8D \$blue-700  \$ds-color-primary-dark \$ds-color-interactive-hover	#042F6A \$blue-800  \$ds-color-tooltip-background	#DB6E00 \$orange-500  \$ds-color-severity-medium	#0098C7 \$teal-500  \$ds-color-info
#F3F6FB \$blue-000  \$ds-color-background-primary	#FFFFFF \$white  \$ds-color-text-light	#4B9E24 \$lime-500  \$ds-color-severity-low	#FEF5F6 \$coral-000  \$ds-color-background-danger
#333333 \$gray-850  \$ds-color-text-dark	#8C8C8C \$gray-500  \$ds-color-border \$ds-color-text-inactive	#FDF8F2 \$orange-000  \$ds-color-background-warning	#F2FAFC \$teal-000  \$ds-color-background-info
#A30083 \$purple-500  \$ds-color-focus	#B10606 \$red-500  \$ds-color-error	#F6FAF4 \$lime-000  \$ds-color-background-success	




# Border thickness

## Border Thickness

Token name	Pixel value	REM value	Image
\$ds-border-1	1 px	0.0625 REM	
\$ds-border-2	2 px	0.1250 REM	
\$ds-border-3	3 px	0.1875 REM	
\$ds-border-4	4 px	0.25 REM	
\$ds-border-8	8 px	0.5 REM	

# Border radius

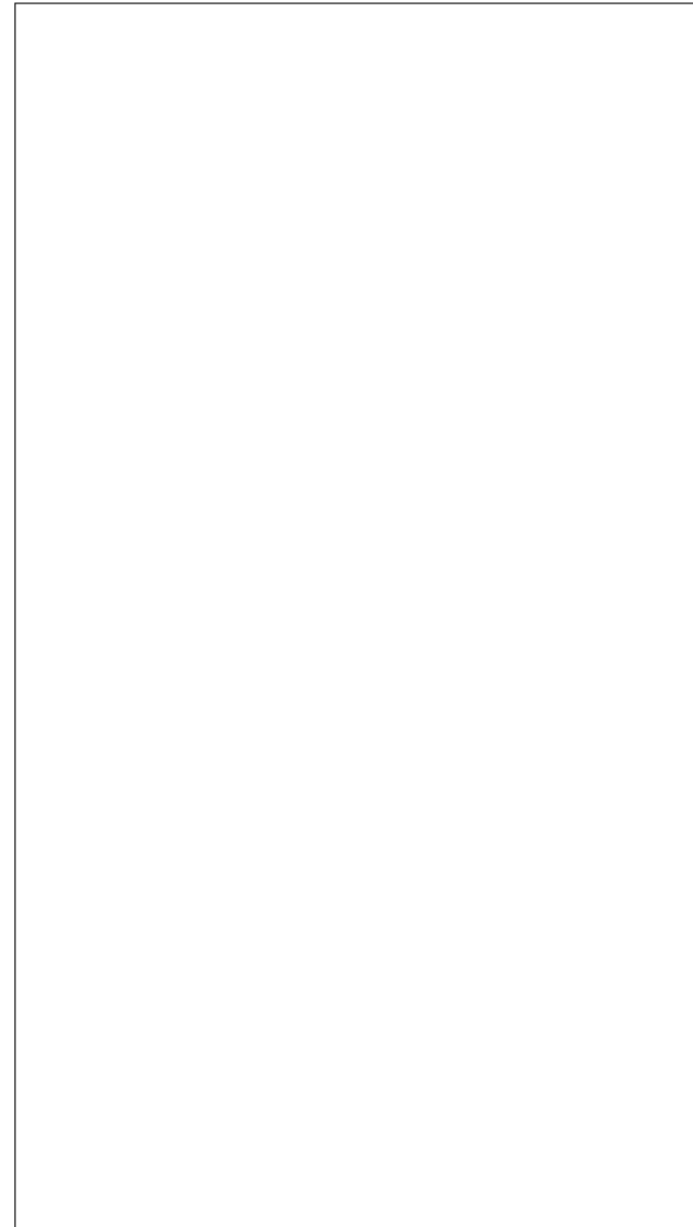
## Border Radius

Token name	Pixel value	REM value	Image
\$ds-border-radius-0	0 px	0 REM	
\$ds-border-radius-1	2 px	0.125 REM	
\$ds-border-radius-2	4 px	0.25 REM	

# Grid

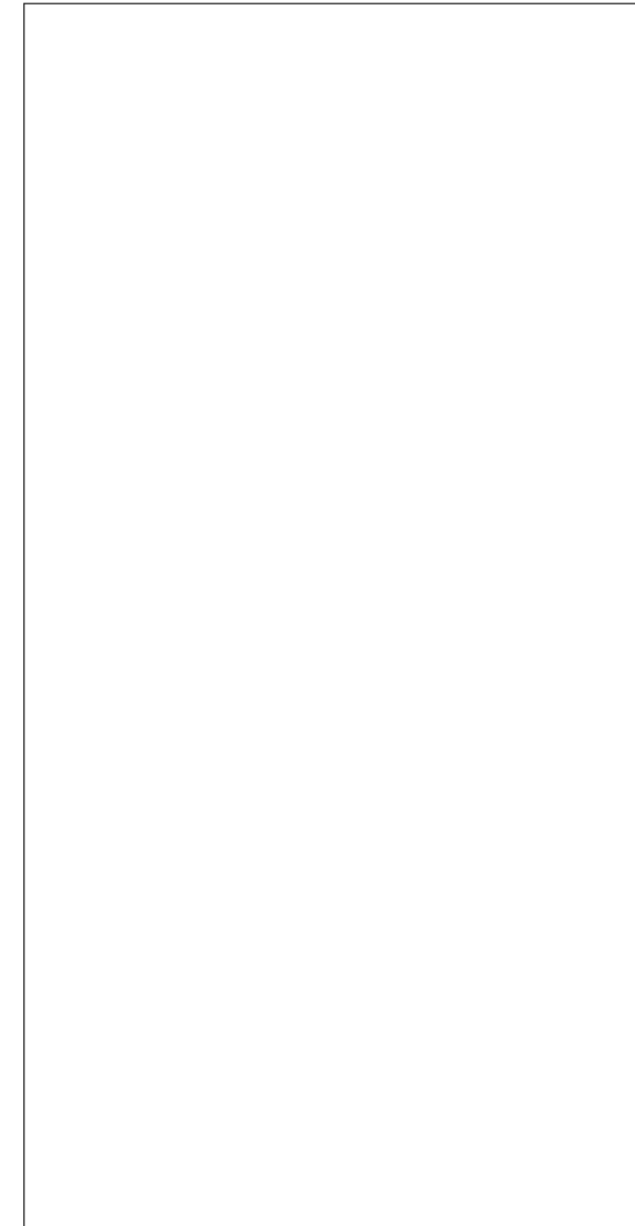
## Large Grid

Token name	Max width	Min width
\$ds-grid-large	1440	992



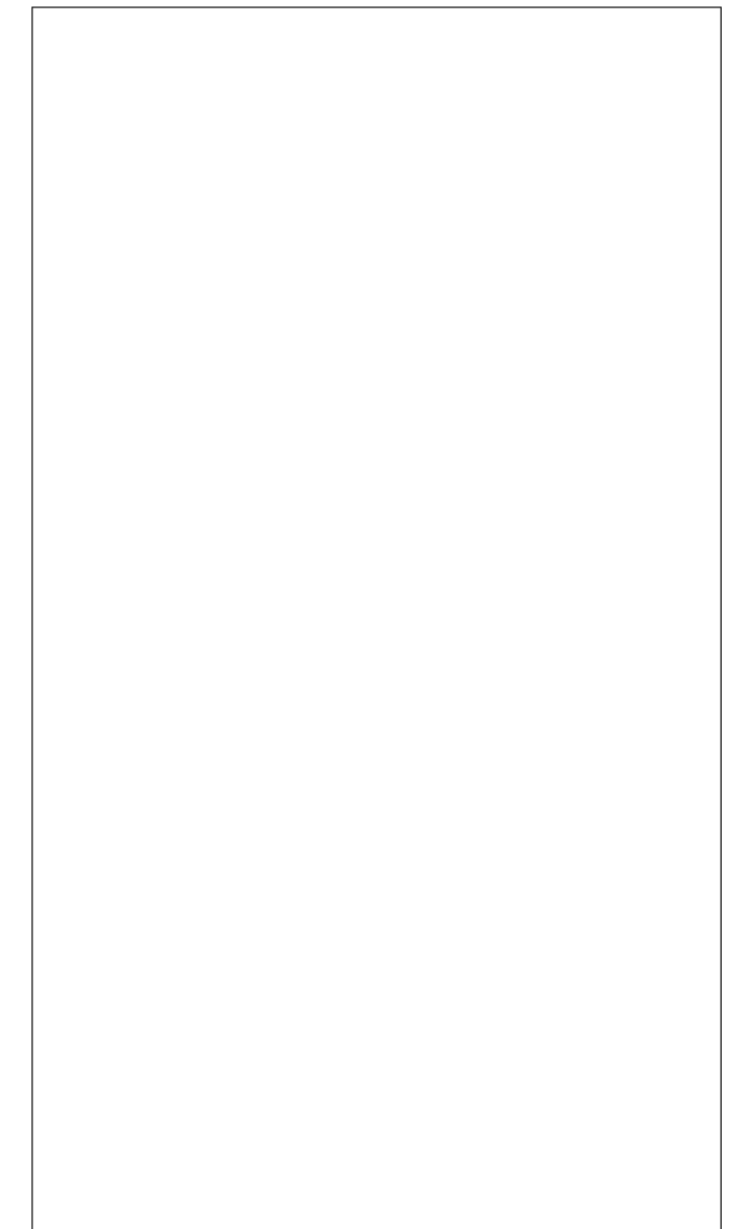
## Medium Grid

Token name	Max width	Min width
\$ds-grid-medium	991	576



## Small Grid

Token name	Max width	Min width
\$ds-grid-small	575	320



## SECTION 3

# Accessibility in component libraries

# Component accessibility

Focus on foundational aspects:

- States
- Variations
- Zoom / magnification
- Keyboard interactions
- Screen reader interactions
- Touch interactions
- Voice control interactions
- Etc.

This link is an [inline link](#) in the middle of some text.



## List of selections \*

Instructions

- Select all
- Label
- Label
- Label
- Label
- Label

## List of selections \*

Instructions

- Label
- Label
- Label
- Label
- Label
- Label

## Select label \*

Instructions

## Label \*

Instructions

0/###

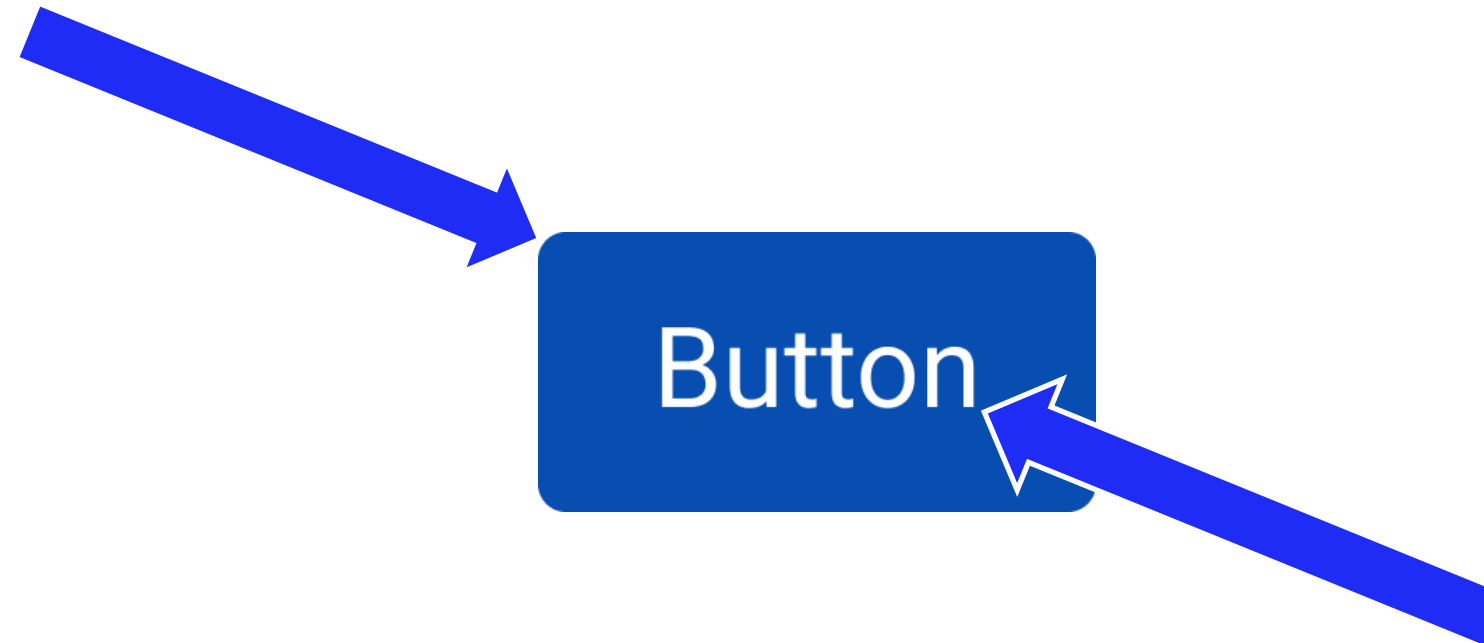
## SECTION 3.1

# Accessible design considerations for components



# Design for great contrast

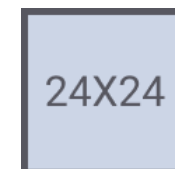
3:1 contrast required for  
button (or border color)  
to background color



4.5:1 contrast required for  
text color to button color  
**(AAA: 7:1 contrast)**

# Design for minimum target areas

Target area must be at least 24px X 24px  
(AAA: 44px X 44px)



# Design as many variations as required

## Types



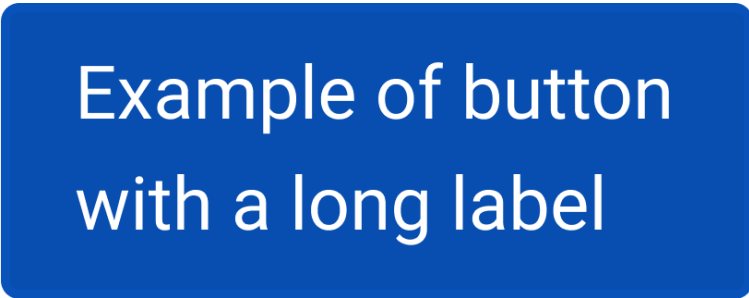
## Mobile / 400% zoom



## Versions



## 200% text and long text



# Example tokens for a primary button (default state)

**Font Type:** body-copy-semi-bold

**Font Size:** body-copy-semi-bold

**Text Color:** color-text-light

**Padding:** spacing-10

**Border Color:** interactive

**Border Size:** border-2

**Border Corners:** border-radius-2

**Button Fill:** color-background-interactive



SIDEBAR

# You alter tokens to design different states

## Color Alone



## Underline or Bold



## Underline or Bold, and Color



## Invert Colors



## Bold Shapes



## Shadow



# Example button state designs

## Default

- Medium blue fill
- White text



## Hover

- Dark blue fill
- White underlined text



## Focus

- Dark blue fill
- White underlined text
- Focus indicator















## Inactive

- Light blue fill
- White text



# Example style decisions applied to multiple button types

	Default	Hover	Focus	Inactive
Primary				
Secondary				
Tertiary				

# Goal is consistency between elements

## Default



Standalone Link

This link is an [inline link](#) in the middle of some text.

## Hover



Standalone Link

This link is an [inline link](#) in the middle of some text.

## Focus



Standalone Link

This link is an [inline link](#) in the middle of some text.

## Inactive



Standalone Link

This link is an [inline link](#) in the middle of some text.



# Extend the styling to other elements

Default

Hover

Focus

Inactive

Unselected  
radio button



Selected  
radio button



Unselected  
checkbox



Selected  
checkbox



Partially selected  
checkbox



# Design for other component-specific accessibility requirements

[Skip Favorite Teenage Ninja Turtle](#)

Favorite Teenage Ninja Turtle

- Leonardo
- Michelangelo
- Donatello
- Raphaël

Field label \*

Instructions

Text

ⓘ Error message

Search by [ variable ]

For multiple keywords, separate by comma

🔍 search × Search

Search by [ variable ]

For multiple keywords, separate by comma

🔍 search ×

Search

Select label \*

Instructions

Select an option ^

Select an option

Option 1

Option 2

Option 3

Select label \*

Instructions

Option 2 ^

Select an option

Option 1

Option 2

Option 3



Upload



Upload



Upload



Upload

## SECTION 3.1

# Accessible documentation considerations for components

# Typical design specification documentation requirements



## Styles

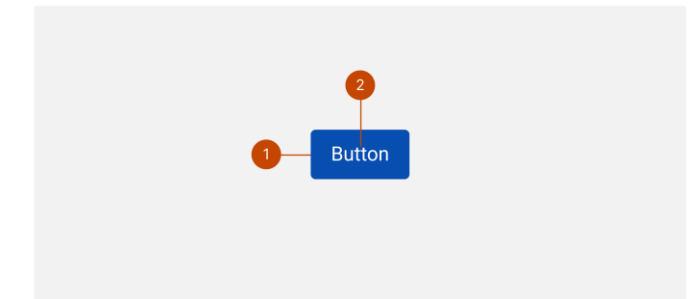
- Border radius
- Border thickness
- Colors and contrast
- Shadow
- Text styles
  - Font
  - Font size
  - Font weight
  - Letter spacing
  - Line height
  - Text alignment
- Etc.

## Layout


- Width
- Height
- Padding
- Target size
- Alignment
- Breakpoint
- Etc.

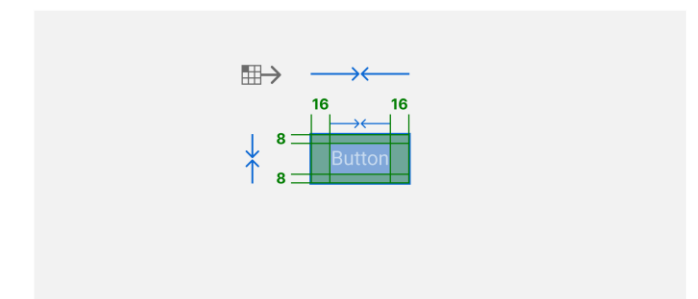
## Anatomy


- 1  **Button**  
Border radius : 4
- 2  **label**  
Text align : Center

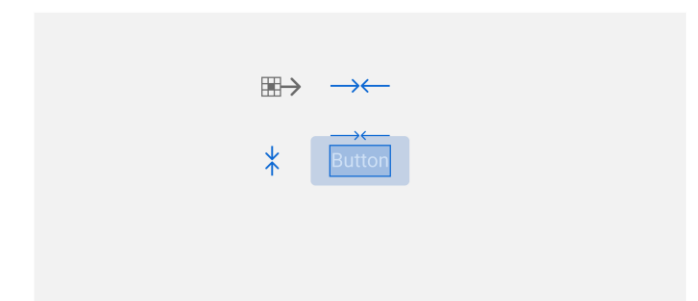


## Layout and spacing

-  **Button**  
Direction : Horizontal  
Alignment : Top left  
Vertical resizing : Hug  
Horizontal resizing : Hug  
Item spacing: 16  
Padding top: 8  
Padding bottom: 8  
Padding left: 16  
Padding right: 16



-  **label and icon**  
Direction : Horizontal  
Alignment : Middle center  
Vertical resizing : Hug  
Horizontal resizing : Hug  
Item spacing: 8



# Document foundational information

## Minimum documentation

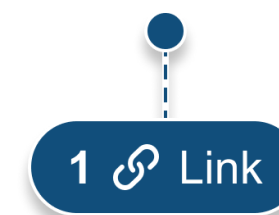
- Role
- Accessible / programmatic name



### 1 Button Details

<b>element</b>	<button>
<b>accessible name</b>	Submit

Skip to main content



### 1 Link Details

<b>element</b>	<a href="">
<b>target</b>	<main>
<b>accessible name</b>	Skip to main content

# Document interactions

## Minimum interactions

- Keyboard
- Pointer
- Screen reader

### Radio Button Interactions

Interaction	Keystrokes	Pointer Action Execution	Screen Reader Requirements
Enter the group of radio buttons	Tab	N/A	List Label Instructions Error message
Select the radio button	Space	Executed on the up event	Role (i.e., radio button) Radio button label State (selected or unselected) Number of options
Navigate between the options	← → or ↓ ↑	N/A	N/A
Leave the group of radio buttons	Tab	N/A	N/A

# Document behaviors

## Behavior considerations

- What happens when a component receives input?
- What happens when component receives focus?
- What happens when a component's value changes?

Gender \*

Male

Female

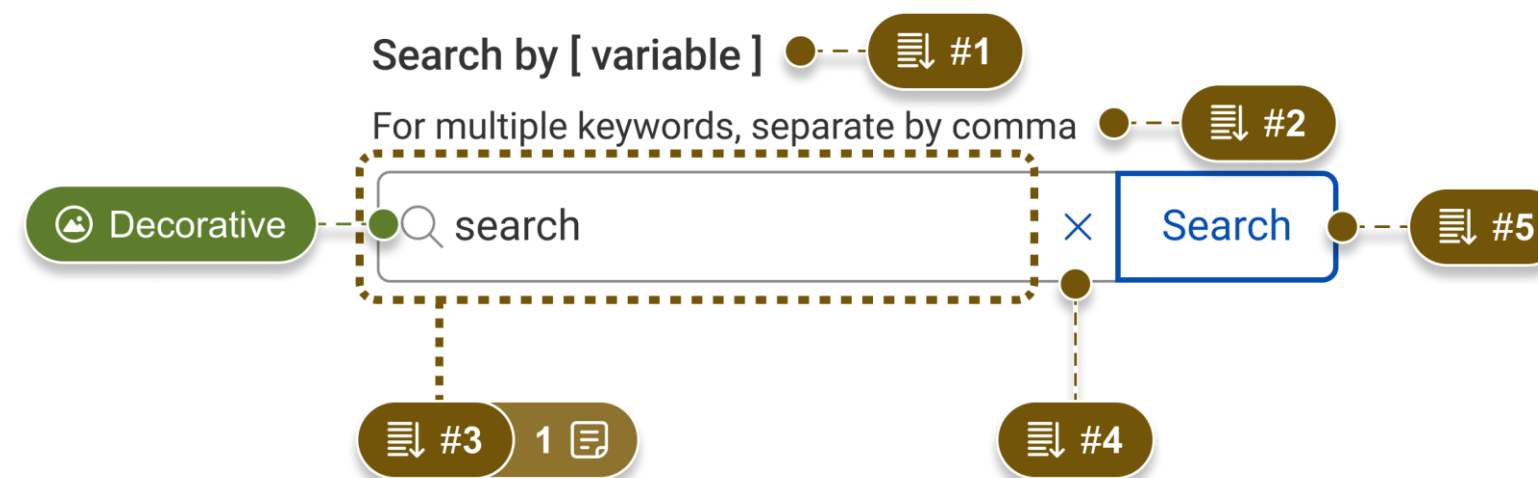


Favorite animal

A white text input field with a thin grey border, containing the text "Koala" and a small downward-pointing chevron icon on the right side.

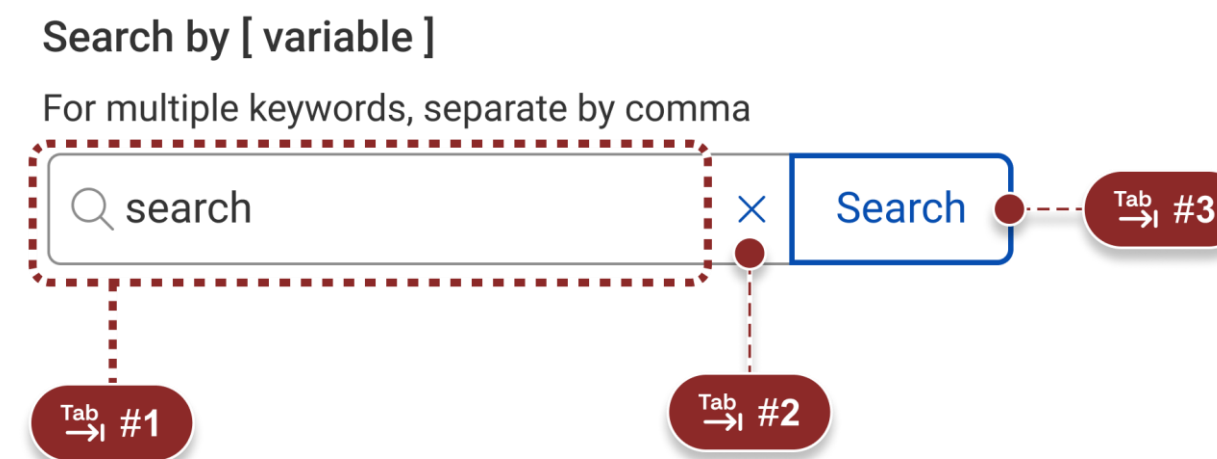
# Document the reading order and focus order

Document at the lowest level  
in your design system  
whenever possible



## 1 Reading Order Details

Because the magnifying glass is decorative, it is not part of the reading order.





# Document exceptions

## Potential exceptions

- Color of logos
- Keyboard operability
- Focus state design
- Time limits
- Animations
- Interruptions
- Essential operability (like path-based)



### 1 Note: exception to contrast requirements

The color of this logo is #D7D2FF which has less than 3:1 contrast with #FFFFFF. This is an an exception to contrast requirements because it is a logo.

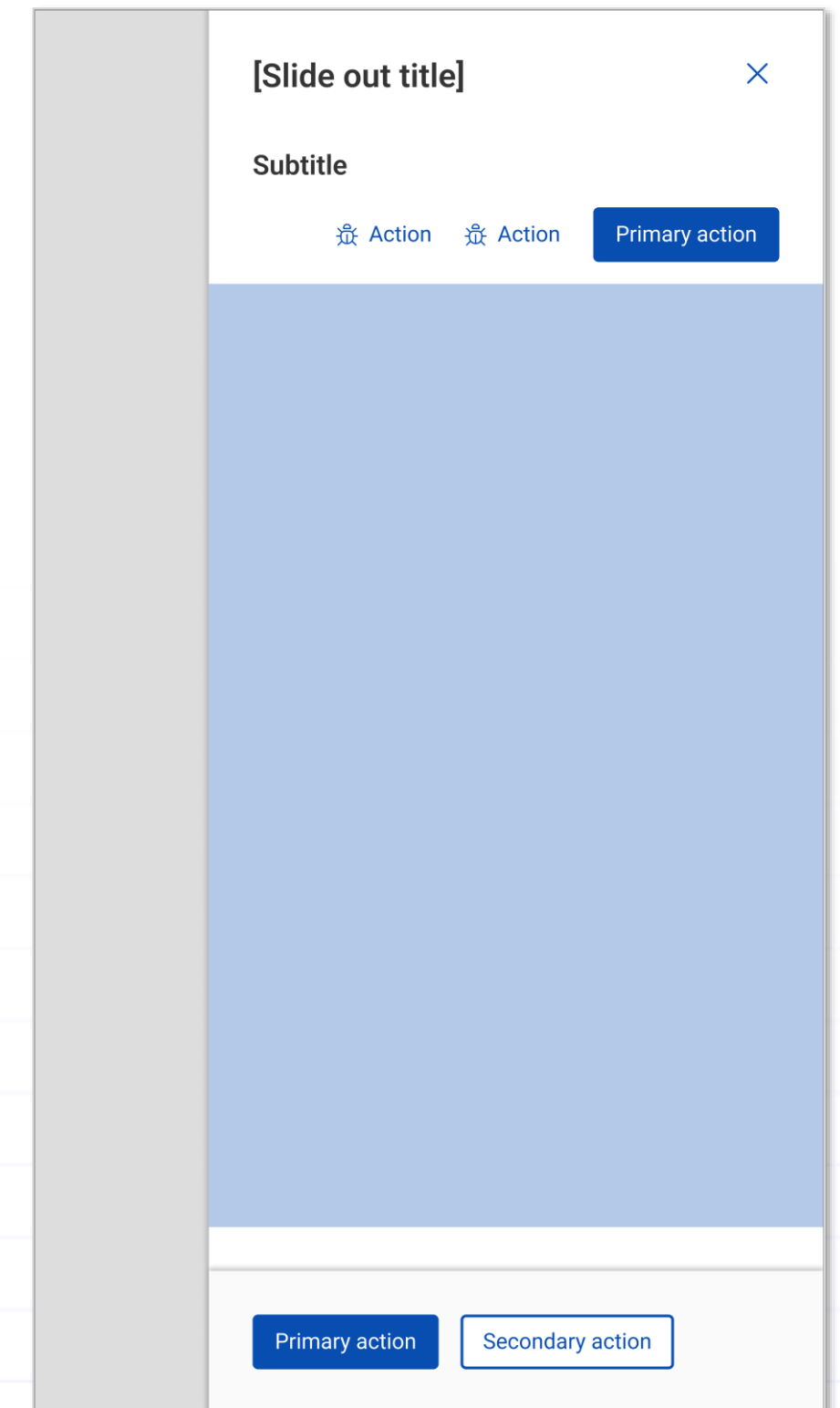
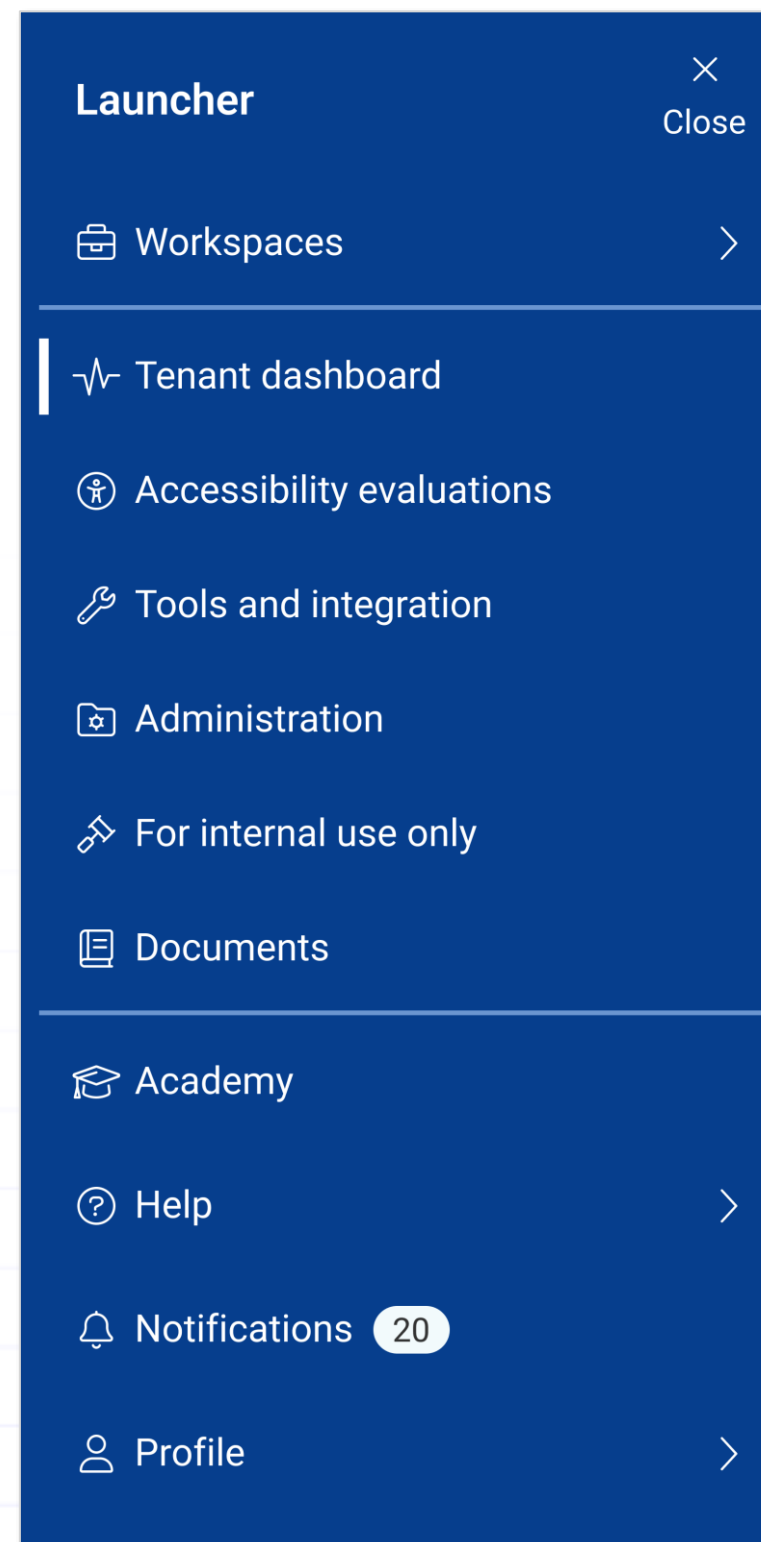
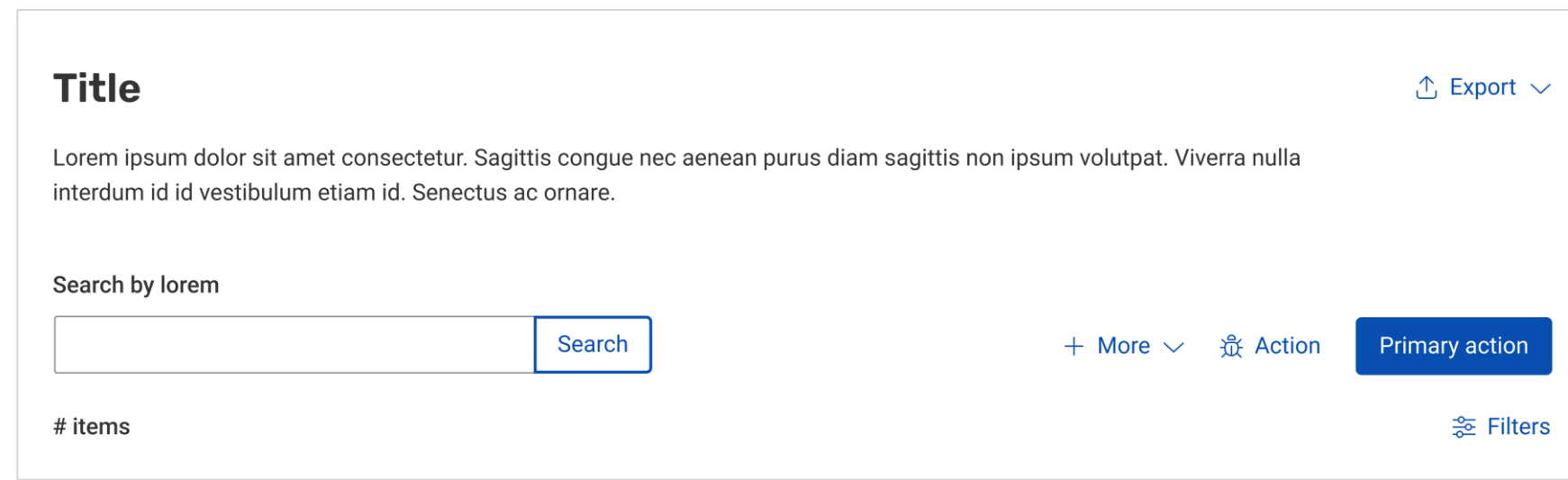
## SECTION 4

# Accessibility in pattern libraries

# Pattern accessibility

Focus on higher order thinking:

- Reading order / focus order
- Feedback
- Focus management
- Skip links
- Interdependencies between multiple components
- Etc.



## SECTION 4.1

# Accessible design considerations for patterns

# Design a meaningful reading order

## Not so good reading order

**Filters** Apply Filters Cancel

Fields marked with an asterisk (\*) are required.

**Category 1**

Field label 1  Field label 2

Field label 3  Field label 4

**Category 2**

Select label 1  Select label 2  Select label 3

**Category 3**

List of selections 1*	List of selections 2	List of selections 3
<input type="radio"/> Label	<input type="checkbox"/> Select all	<input type="checkbox"/> Select all
<input type="radio"/> Label	<input type="checkbox"/> Label	<input type="checkbox"/> Label
	<input type="checkbox"/> Label	<input type="checkbox"/> Label
	<input type="checkbox"/> Label	<input type="checkbox"/> Label
	<input type="checkbox"/> Label	

## Good reading order

**Filters** Apply Filters Cancel

Fields marked with an asterisk (\*) are required.

**Category 1**

Field label 1  Field label 2

Field label 3  Field label 4

**Category 2**

Select label 1  Select label 2  Select label 3

**Category 3**

List of selections 1*	List of selections 2	List of selections 3
<input type="radio"/> Label	<input type="checkbox"/> Select all	<input type="checkbox"/> Select all
<input type="radio"/> Label	<input type="checkbox"/> Label	<input type="checkbox"/> Label
	<input type="checkbox"/> Label	<input type="checkbox"/> Label
	<input type="checkbox"/> Label	<input type="checkbox"/> Label
	<input type="checkbox"/> Label	

# Provide navigational strategies

Provide as many navigational strategies as you can (like headings and skip links)

[Skip Filters](#)

## Filters

Fields marked with an asterisk (\*) are required.

Category 1 [Skip Category title 1](#)

Field label 1

Field label 2

Field label 3

Field label 4

Category 2 [Skip Category title 2](#)

Select label 1

Select label 2

Select label 3

Category 3 [Skip Category title 3](#)

List of selections 1\*

- Label
- Label

List of selections 2

- Select all
- Label
- Label
- Label
- Label

List of selections 3

- Select all
- Label
- Label
- Label

Apply Filters

Cancel

# Optimize feedback and focus management (1 / 2)

Ensure appropriate feedback is provided and pay attention to focus management

## Filters

7 filters applied

Filtered by label 1  Filtered by label 2  Filtered by label 3  Filtered by label 4   
Filtered by label 5  Filtered by label 6  Filtered by label 7

Fields marked with an asterisk (\*) are required.

### Category 1

Field label 1

Field label 2

Field label 3

Field label 4

### Category 2

Select label 1

Select label 2

Select label 3

### Category 3

List of selections 1\*

 Label

Label

List of selections 2

Select all

Label

Label

Label

Label

List of selections 3

Select all

Label

Label

Label

Apply Filters

Cancel

# Optimize feedback and focus management (2 / 2)

## Focus management

Focus should stay on the control

## Feedback

- “x filters applied” incremented by 1
- Filter chip added to set
- Control changed its state from unselected to selected

**Filters**

8 filters applied

Filtered by label 1 × Filtered by label 2 × Filtered by label 3 × Filtered by label 4 ×  
Filtered by label 5 × Filtered by label 6 × Filtered by label 7 × Filtered by label 8 ×

Fields marked with an asterisk (\*) are required.

**Category 1**

Field label 1

Field label 2

Field label 3

Field label 4

**Category 2**

Select label 1

Select label 2

Select label 3

**Category 3**

List of selections 1\*  
 Label  
 Label

List of selections 2  
 Select all  
 Label  
 Label  
 Label  
 Label

List of selections 3  
 Select all  
 Label  
 Label  
 Label



# Design for small screens

## Mobile

### Filters

Fields marked with an asterisk (\*) are required.

#### Category 1

Field label 1

Field label 2

Field label 3

Field label 4

#### Category 2

Select label 1

Select label 2

Select label 3

#### Category 3

List of selections 1\*

Label

Label

## Desktop

### Filters

Fields marked with an asterisk (\*) are required.

#### Category 1

Field label 1

Field label 2

Field label 3

Field label 4

#### Category 2

Select label 1

Select label 2

Select label 3

#### Category 3

List of selections 1\*

Label

Label

List of selections 2

Select all

Label

Label

Label

Label

List of selections 3

Select all

Label

Label

Label

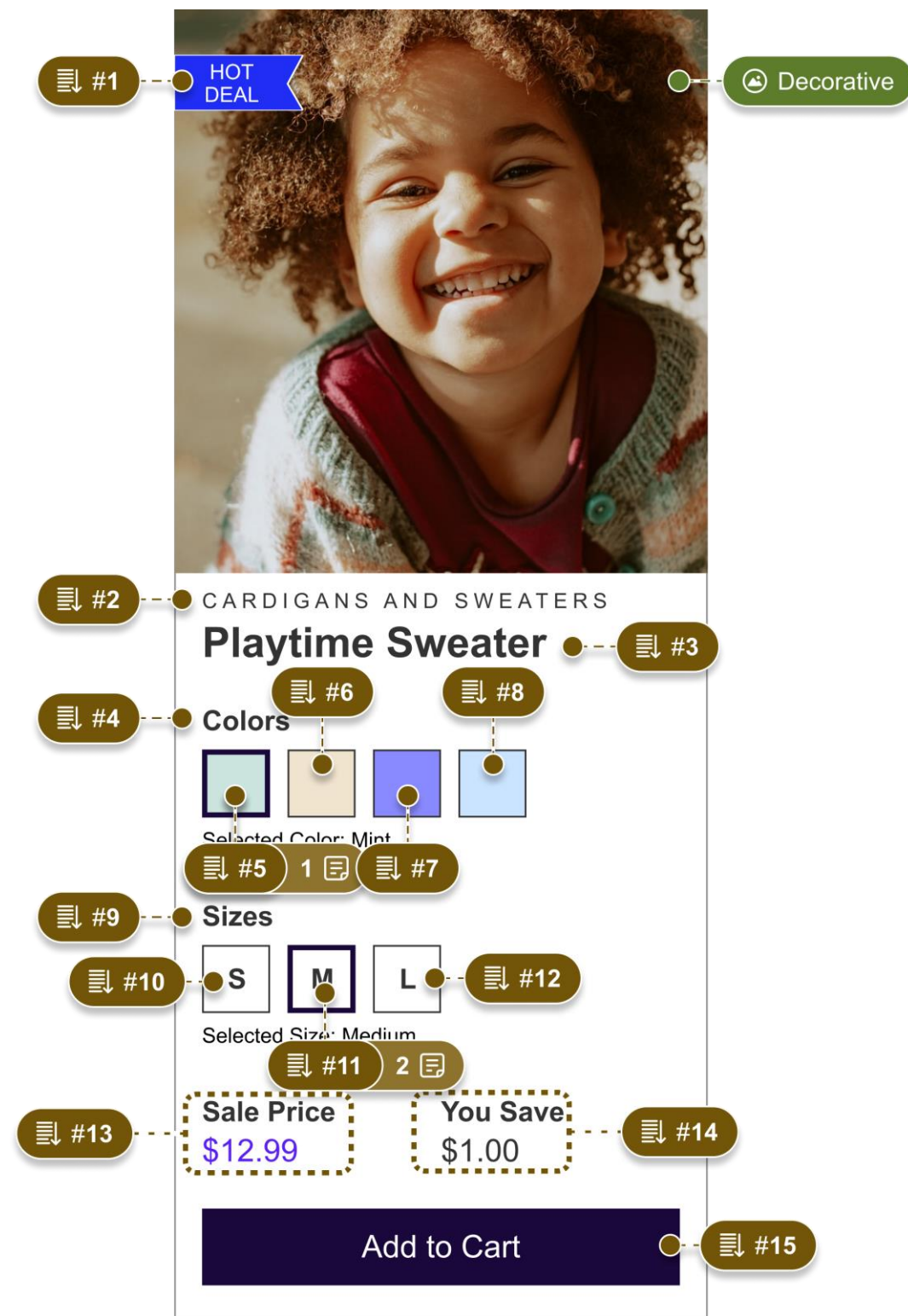
Apply Filters

Cancel

## SECTION 4.2

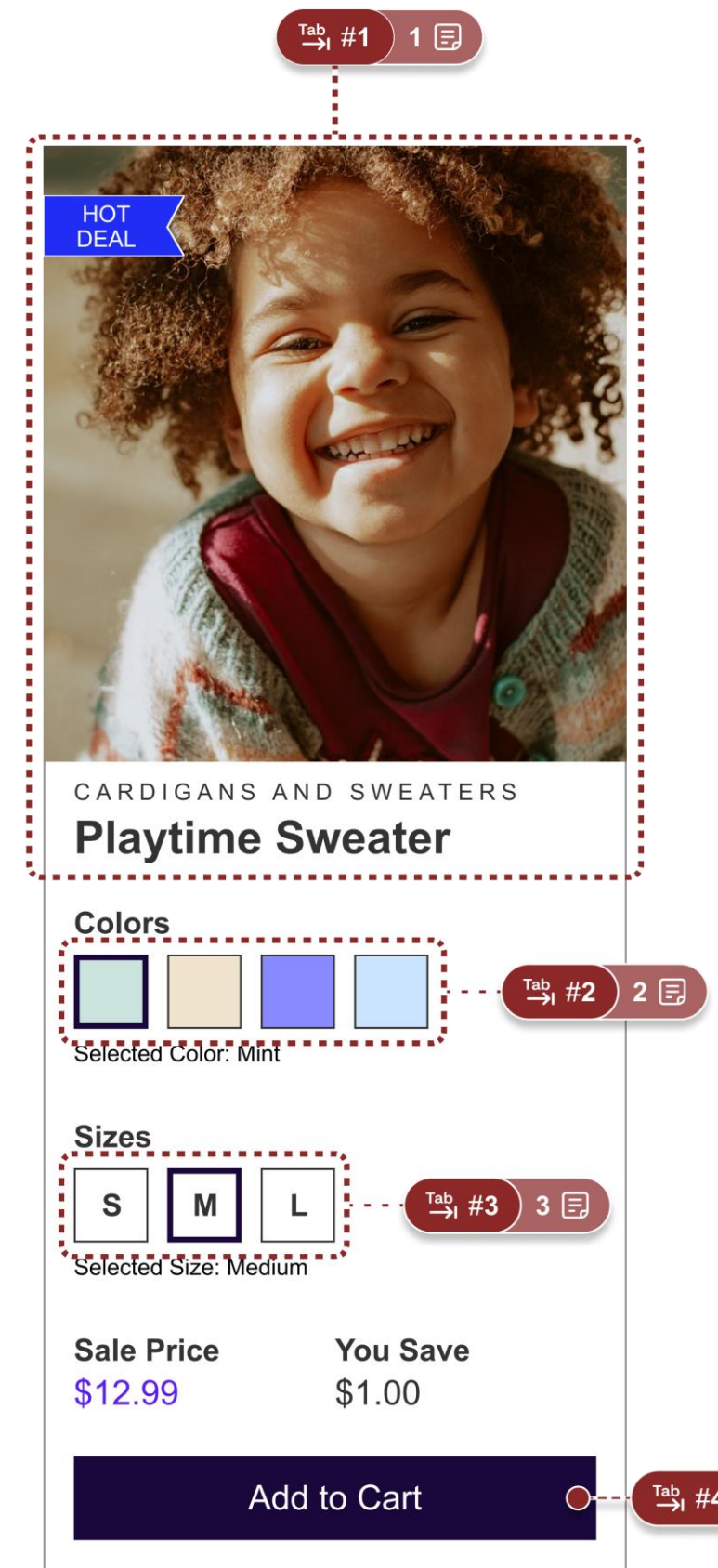
# Accessible documentation considerations for patterns

# Document the reading order and / or focus order



**1 Reading Order Details**  
 The visible label of the selected swatch is read at the time of the selected swatch. It is purposefully not included in the reading order so as to reduce redundancy.

**2 Reading Order Details**  
 The visible label of the selected size is read at the time of the selected size. It is purposefully not included in the reading order so as to reduce redundancy.




**1 Focus Order Details**  
 Link navigates to the "Playtime Sweater" PDP

**2 Focus Order Details**  
 Swatches are radio buttons. Therefore, tab into the group and use arrows to navigate between items.

**3 Focus Order Details**  
 Size options are radio buttons. Therefore, tab into the group and use arrows to navigate between items.

# Document images and alt text

## Image is decorative




Decorative

### Scale a program

Achieve organization-wide alignment, ownership, and accountability for a sustainable digital accessibility program. We'll help you create policies and programs to incorporate accessibility into every organizational workflow.

[Get started →](#)

## Image has meaning / content



1 Image

1 Image Details	
element	<svg>
accessible name	Young girl in a knit sweater that has large stripes of mint green, maroon, peach, and white

CARDIGANS AND SWEATERS

### Playtime Sweater

Colors

Selected Color: Mint


Sizes

Selected Size: Medium

Sale Price \$12.99 You Save \$1.00

Add to Cart

## Image is part of a link



1 Link

Decorative

1 Link Details	
element	<a href="">
target	new window: PDP for Playtime Sweater
accessible name	Playtime sweater
description	Cardigans and sweaters, hot deal

CARDIGANS AND SWEATERS

### Playtime Sweater

Colors

Selected Color: Mint

Sizes

Selected Size: Medium

Sale Price \$12.99 You Save \$1.00

Add to Cart

The description is included in the screen reader experience

# Document unique / differentiated content

The image shows a screenshot of a shipping information form. The form is enclosed in a dashed teal border. At the top left, there is a purple circle with 'h3' and a line pointing to the 'Shipping Information' header. At the top center, there is a teal circle with '7' and a note icon, with a line pointing to the 'Shipping Information' header. At the top right, there is a teal circle with '4' and a button icon, with a line pointing to the 'Edit' button. The form contains the following text:

**Shipping Information**

---

**SHIPPING ADDRESS**

---

Karen Hawkins  
168 Sunshine Street  
Toronto, ON  
M2M 3B5  
416-520-1314

**SHIPPING METHOD**

---

\$0.00. Canada Post, Free Shipping. Deliver in 10 days.

---

## 7 Note Title

Component name = "Review order card"

## 4 Button Details

<b>element</b>	<button>
<b>accessible name</b>	Edit [h3 of "Review order card" component]

# Document pattern-specific requirements – table example

Table Title 1 Note 2 Note

<input type="checkbox"/> Column header 1 ▾	Column header 2 ⇄	Column header 3 ⇄	Column header 4 ⇄	Column header 5 ⇄	Actions
<input type="checkbox"/> Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
<input type="checkbox"/> Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
<input type="checkbox"/> Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
<input type="checkbox"/> Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
<input type="checkbox"/> Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
<input type="checkbox"/> Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
<input type="checkbox"/> Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮

3 Note

## 1 Table Title

This is the table title.

## 2 Caption

The caption includes a description: "This table showcases data about [x]."

## 3 Column Header

The first row in this table is the set of column headers.

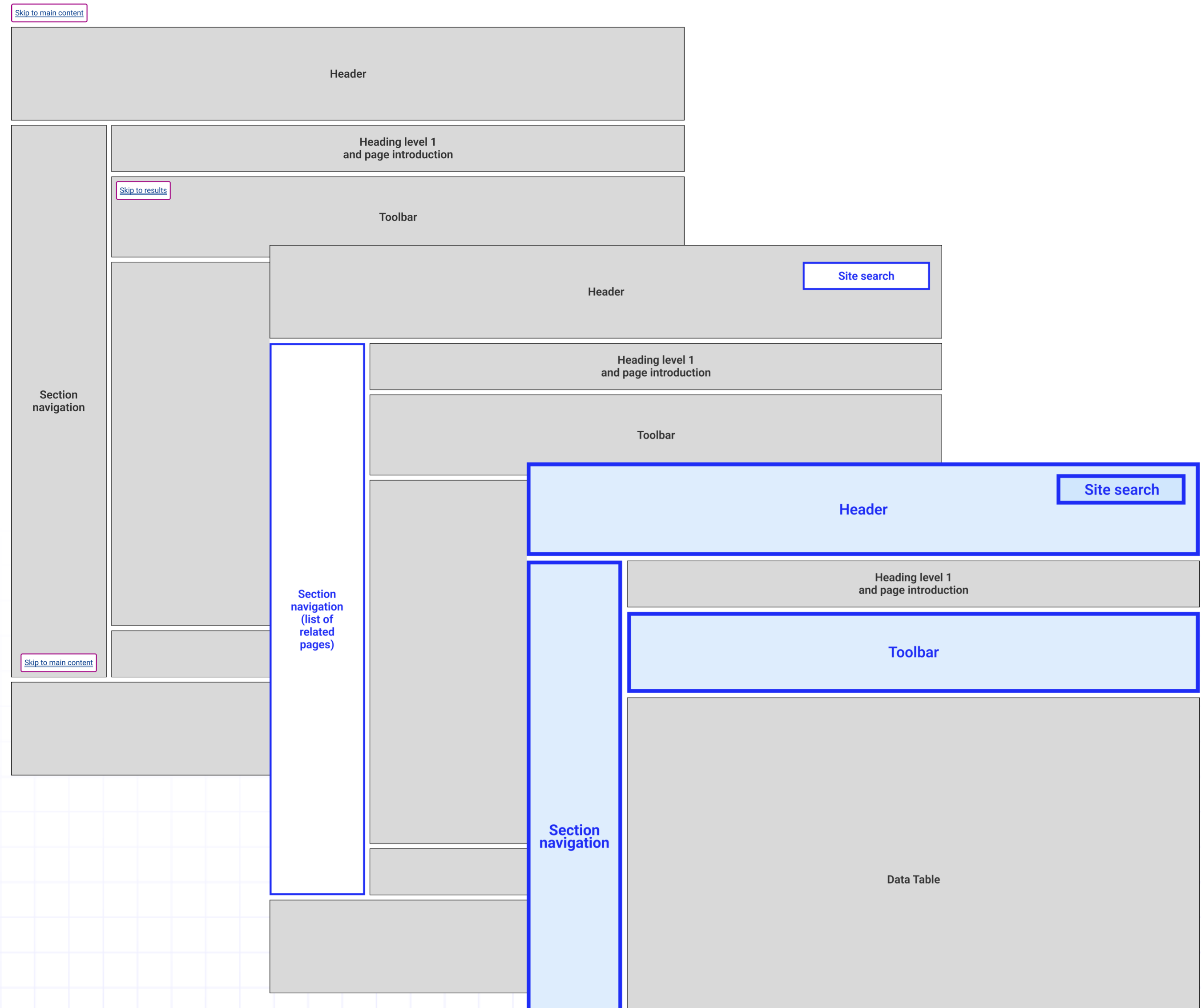
## SECTION 5

# Accessibility in page templates

# Page template accessibility

Focus on additional navigational paradigms:

- Skip links
- Landmarks
- Additional navigational and orientation support
- Etc.



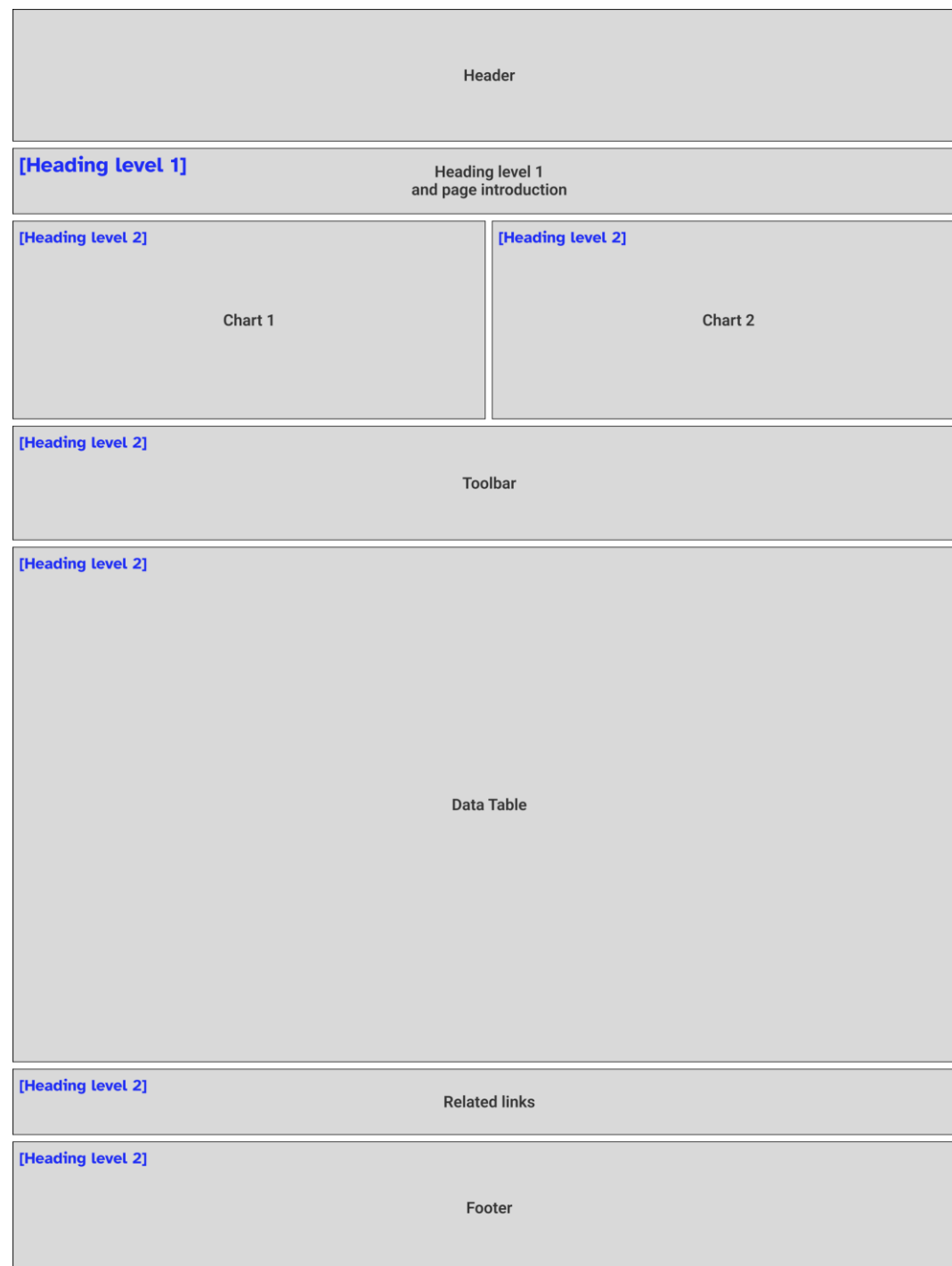


## SECTION 5.1

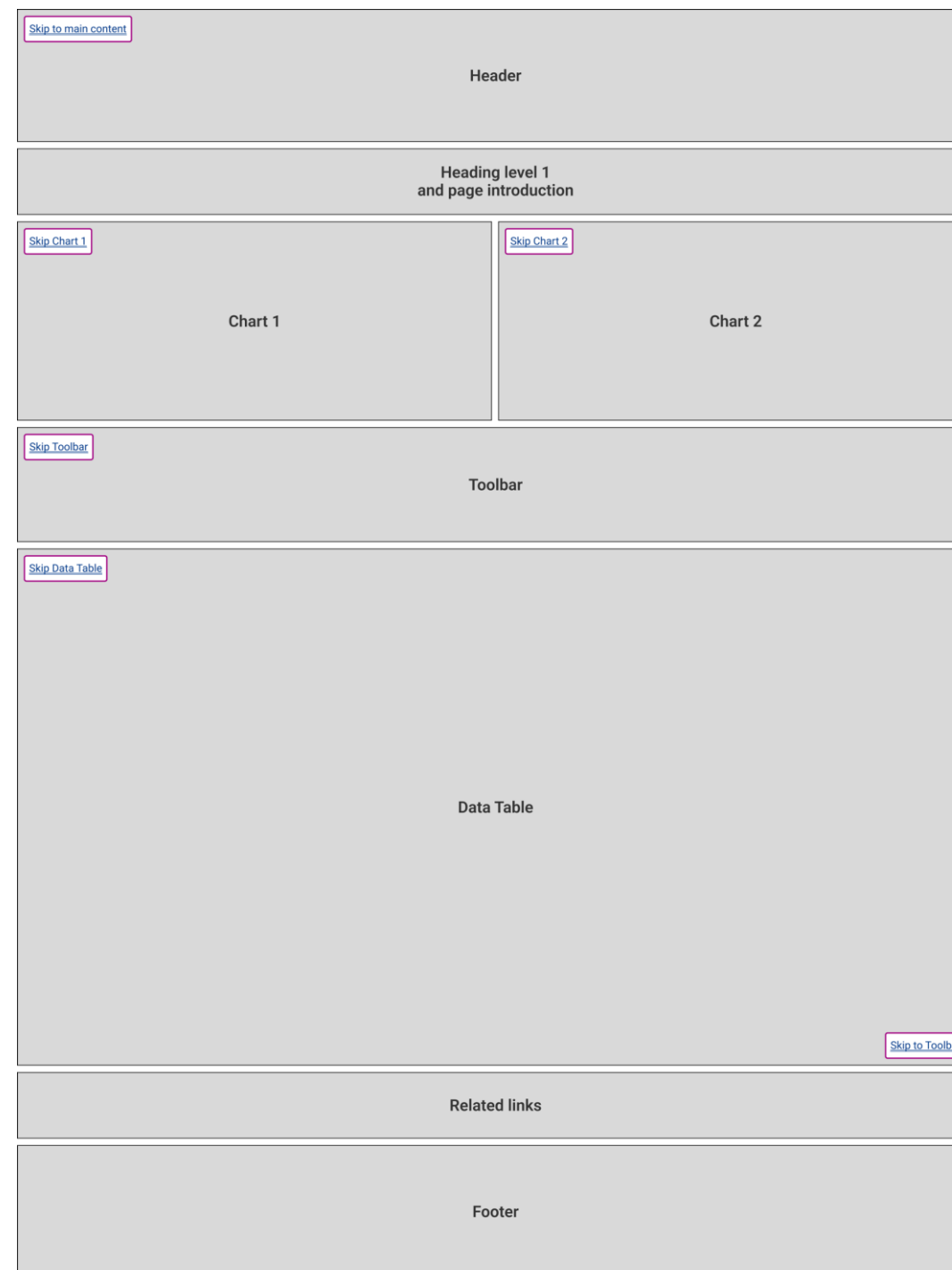
# Accessible design considerations for templates

# Provide as many navigational strategies as you can for in-page navigation

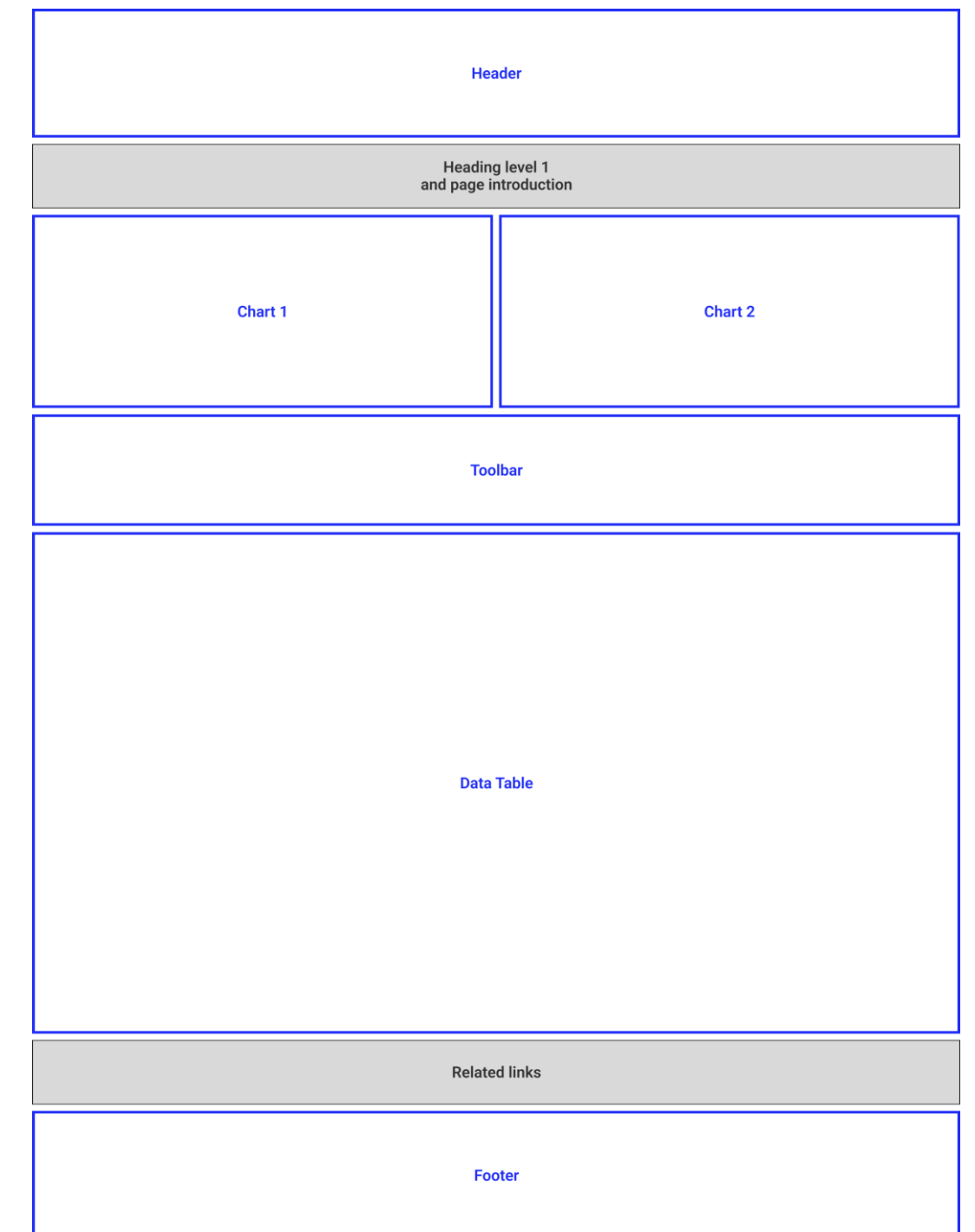
## Headings



## Skip links



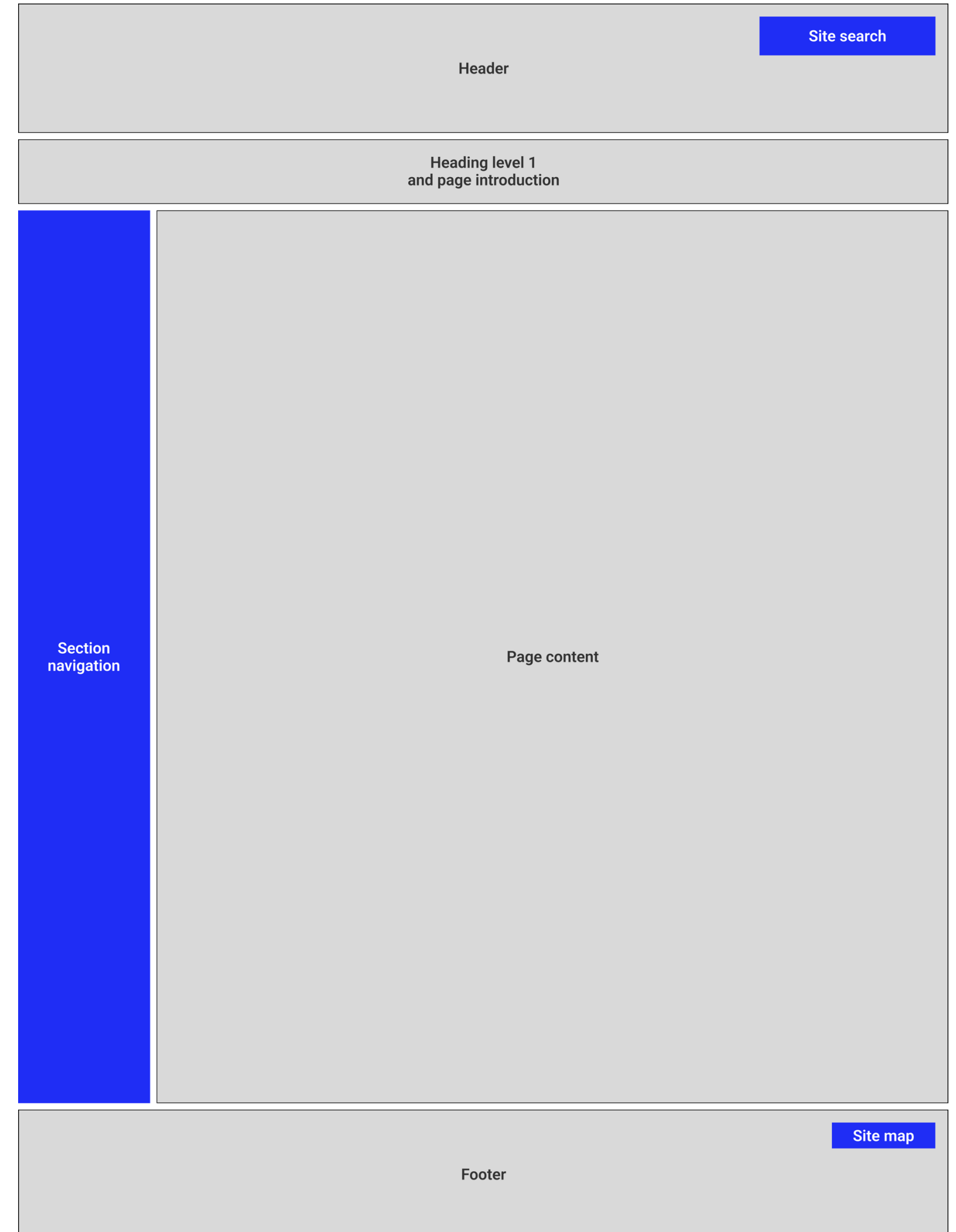
## Landmarks



# Provide at least 2 navigational strategies for between-page navigation

## Navigation options

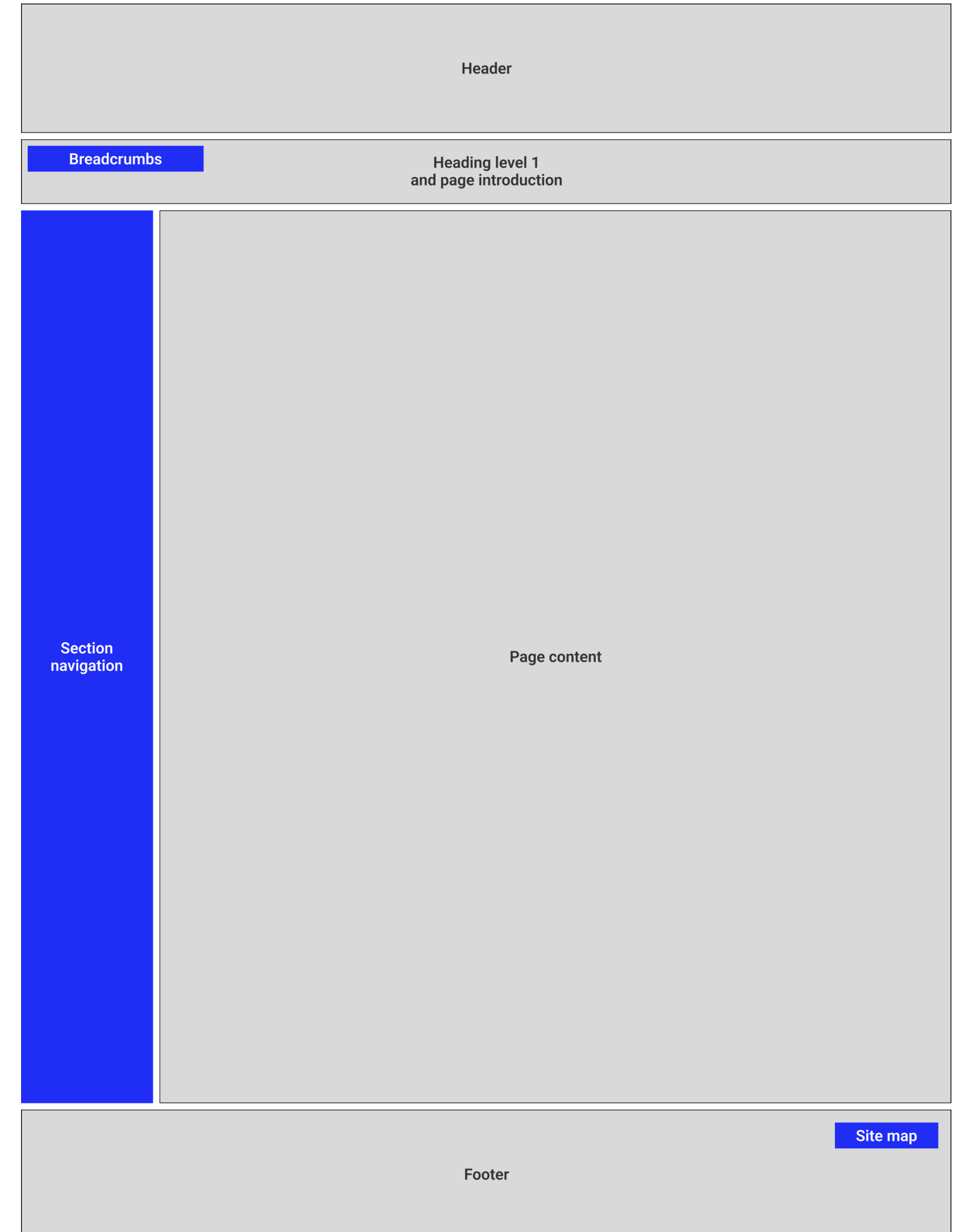
- List of related pages
- Site map
- Site search
- Table of contents
- List of all available web pages



# Provide cues to help users orient themselves within a set of pages

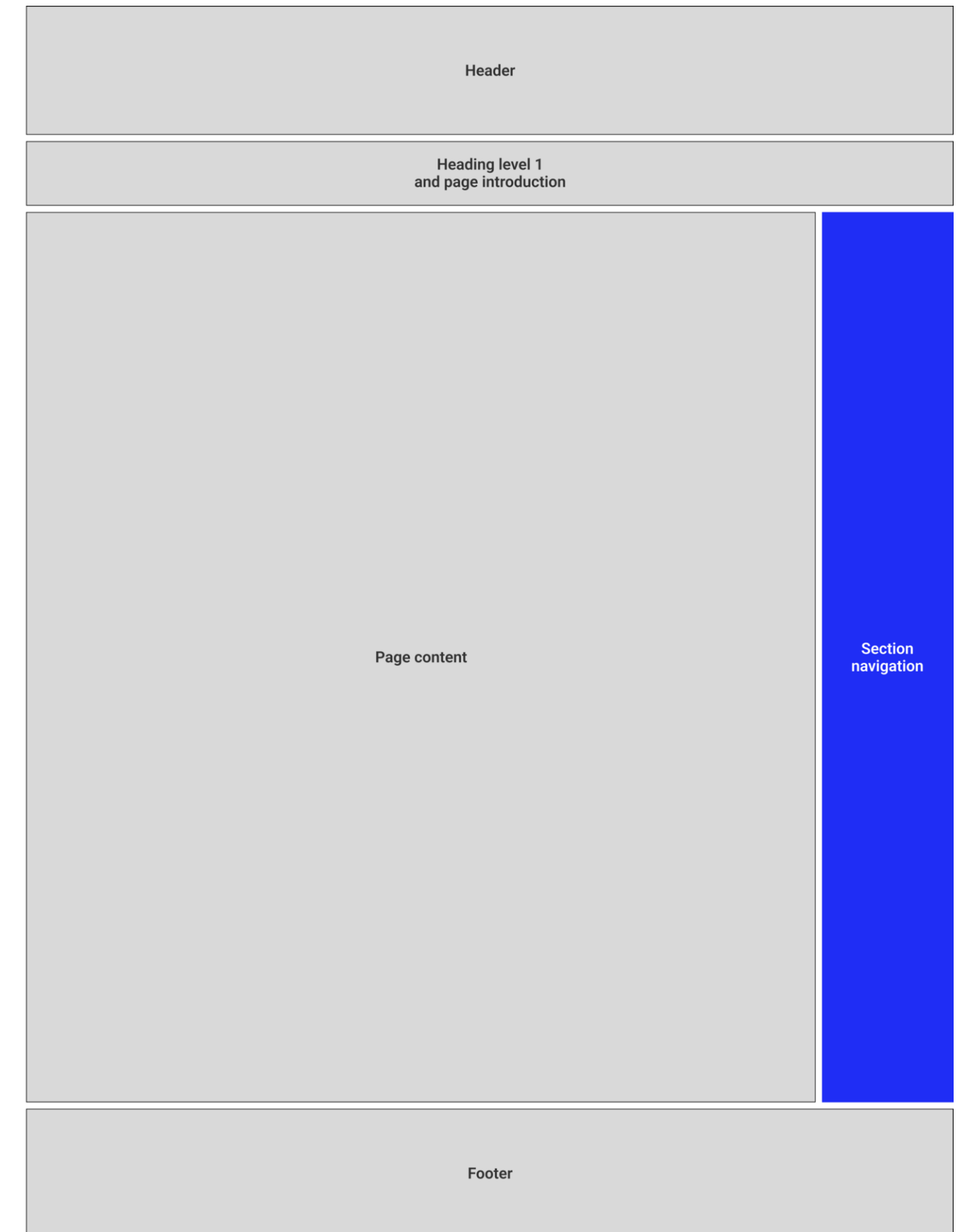
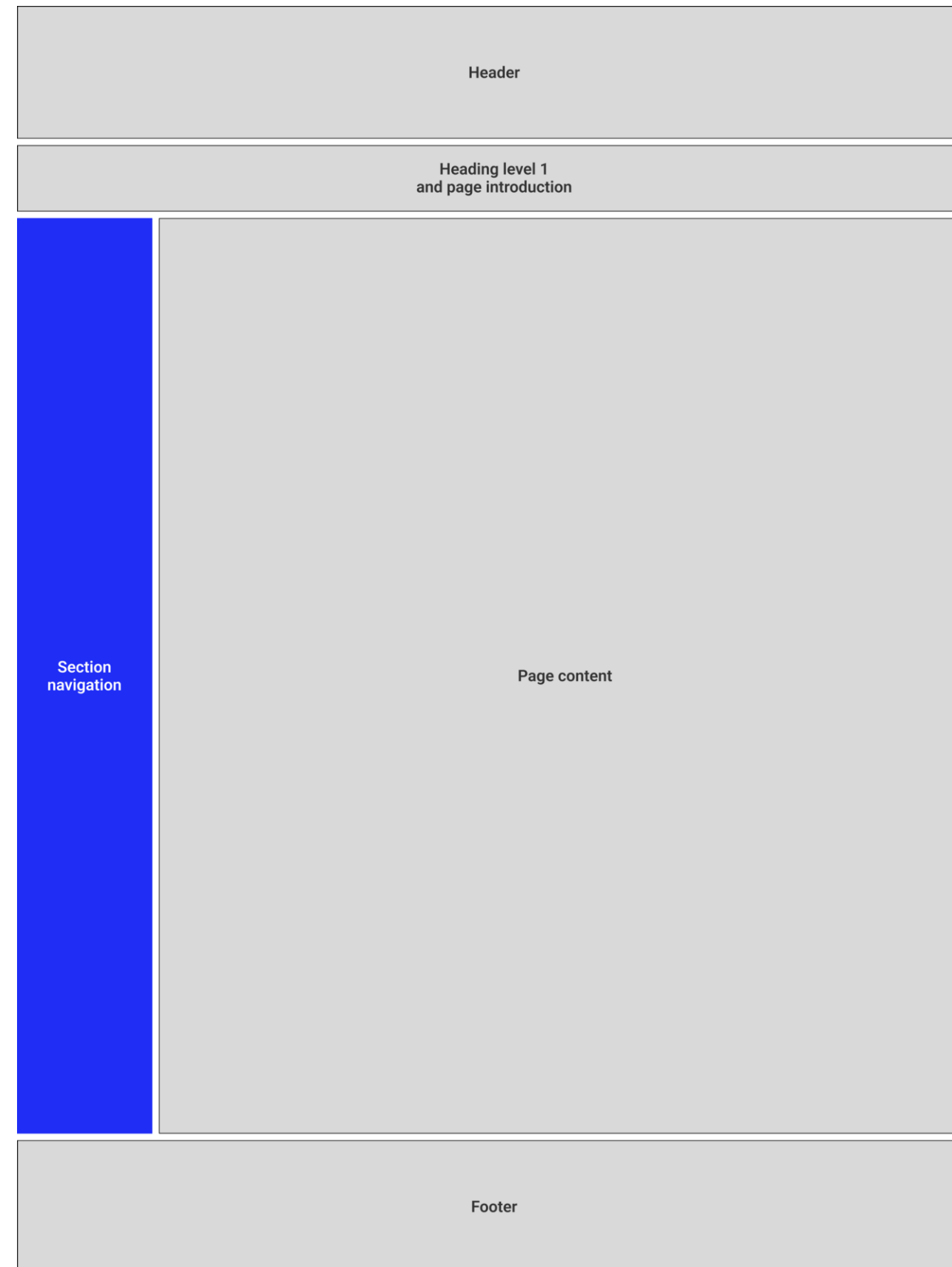
## Orientation options

- Breadcrumbs
- Site map
- Current location indicators
- The page's relationship to a larger set of pages



# Consistently design and locate navigational elements

Think through where navigational elements are located, in all viewport designs



## SECTION 5.2

# Accessible documentation considerations for templates

# Document headings, skip links, landmarks, and more

## Headings

The screenshot shows a dashboard with several sections, each with a heading:

- Main website manual evaluation** (Section 1)
- Findings trend** (Section 2)
- Latest score** (Section 3)
- Scan history** (Section 4)
- Related links** (Section 5)

Each section has a heading element and an accessible name. The scan history table has a heading for the table and a heading for each row. The related links section has a heading for the section and a heading for each link.

## Skip links

The screenshot shows the same dashboard as the Headings section, but with skip links highlighted. The skip links are:

- Skip to main content** (1)
- Skip Findings Trend Chart** (2)
- Skip Latest Score Chart** (3)
- Skip Scan History Toolbar** (4)
- Skip Scan History Data Table** (5)
- Skip to Scan History Toolbar** (6)

Each skip link has a target and an accessible name. The skip links are placed at the beginning of each section.

## Landmarks

The screenshot shows the same dashboard as the Headings section, but with landmarks highlighted. The landmarks are:

- Header** (1)
- Main content** (2)
- Findings data** (3)
- Latest score data** (4)
- Scan history toolbar** (5)
- Scan history table** (6)
- Footer** (7)

Each landmark has an element and an accessible name. The landmarks are placed at the beginning and end of each section.

## SECTION 6

# Accessibility in pages



# Page accessibility

Focus on the content:

- Page titles
- Page / site / section language
- Plain language
- Content uniqueness and differentiation
- Alternative text
- Media (audio, video, images, etc.)
- Etc.

The screenshot shows a dashboard for 'Main website manual evaluation'. It includes a 'Findings trend' bar chart, a 'Latest score' gauge showing 48, and a 'Scan history' table with 10 rows of results. Below the table is a 'Related links' section with four categories of links.

Date	Critical	High	Average	Low
01-Jan	58	257	172	112
01-Feb	55	221	111	111
01-Mar	45	176	88	88
01-Apr	43	121	67	67
01-May	41	87	41	41
01-Jun	38	58	38	38

Column header 1	Column header 2	Column header 3	Column header 4	Column header 5	Actions
Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮
Column 1 cell	Column 2 cell	Column 3 cell	Column 4 cell	Column 5 cell	⋮

Category 1	Category 2	Category 3	Category 4
<a href="#">Link name 1 goes here</a>	<a href="#">Link name 5 goes here</a>	<a href="#">Link name 9 goes here</a>	<a href="#">Link name 13 goes here</a>
<a href="#">Link name 2 goes here</a>	<a href="#">Link name 6 goes here</a>	<a href="#">Link name 10 goes here</a>	<a href="#">Link name 14 goes here</a>
<a href="#">Link name 3 goes here</a>	<a href="#">Link name 7 goes here</a>	<a href="#">Link name 11 goes here</a>	<a href="#">Link name 15 goes here</a>
<a href="#">Link name 4 goes here</a>	<a href="#">Link name 8 goes here</a>	<a href="#">Link name 12 goes here</a>	<a href="#">Link name 16 goes here</a>

SECTION 7

# Summary

# In summary...

## Design system level

## Notable accessibility considerations

### Styles

Set up your tokens to account for potential accessibility application

### Components

Maximize permutations and interactivity

### Patterns

Higher order thinking like reading order, focus management, and feedback

### Page templates

Additional navigational paradigms like skip links and landmarks

### Pages

Focus on readable and understandable content

**Any  
questions?**

level  
access

**Thank you**