

# Checkbox

## A checkbox is an individual control for Checkbox Groups

*\*This component should not be confused with the Checkbox Group component, which will have a legend and a group of checkboxes underneath.*

Authored by: Jason Chen

Product Family: Alchemy

## Table of Contents

1. [Guidelines: Do's & Don'ts](#)
  - a. [When to use](#)
  - b. [When NOT to use](#)
  - c. [Variations\\*](#)
2. [Component Behavior](#)
  - a. [Anatomy](#)
  - b. [Content/Copy Guidelines](#)
  - c. [Responsiveness\\*](#)
  - d. [Accessibility](#)
  - e. [Examples](#)
3. [Component API](#)
4. [Helpful Links & Resources](#)

*\*does not have to be filled out immediately*

---

## Guidelines: Do's & Dont's

A checkbox can come in three different states: unchecked, partially checked, and checked.

**Unchecked** - The item is NOT selected

**Partially checked** - This is mainly used for nested checkboxes, but this is to show that of the nested checkboxes, not all (child) checkboxes have been selected. Read more about it in *Checkbox Group*

**Checked** - The item is selected.

## Modifiers

State	Description
Default	A checkbox is interact-able via clicking on the label as well as the box itself.
Disabled	A disabled checkbox prevents a user from interacting with it. It will not be accessible via keyboard shortcuts and will not have focus
Focus	When using keyboard shortcuts, the focus outline will render around the checkbox.

## When to use

- Turn a single option on or off

## When NOT to use

- To give the user a mutually exclusive choice

# Component Behavior

## Anatomy

- Indicator - the checkbox itself, has a border.
- Label - the text next to the checkbox
- Icon - to represent checked and partially checked states
- Areas of customizability
  - **Indicator** border color
  - **Indicator** background color

- **Label** type style, color

## Content/Copy Guidelines

- Call out any copy guidelines (if applicable)
- Example <https://atmos-ref.netlify.app/components/buttons/button/>
  - Text labels must never be longer than 20 characters and must always be displayed in title case.
  - Button labels are always in sentence case
  - Write button labels that clearly explain what each button does. Ideally, the button's label should clearly describe its action.
  - Favor descriptive action verbs. Avoid vague descriptions like "Submit" and instead describe what the form will do ("Create account).
  - In dialogs, avoid vague affirmatives like "Yes" or "OK." Instead, use more descriptive language
  - Avoid unnecessary words such as a, an, the

## Responsiveness\*

- note any responsive behavior

Breakpoint (px)	Description	Image/Example
<u>711px</u>	<u>The &lt;component&gt; stays horizontally centered after the maximum width is reached</u>	<u>[x]</u>

## Accessibility

- Tabbing into the input will trigger the checkbox's focus state.
- When **disabled**, the component will not appear in the tab order, will not be in the focus state, and will not be read by the screen reader.

## Examples of use

- add examples here

## Component API

This is mainly for engineering to fill out. [Example here](#)

List out the React `Props`

Name	Type	Default
disabled	<code>Boolean</code>	false
label	<code>String</code>	—
state	<code>Enum: "checked"   "unchecked"   "partially checked"</code>	"unchecked"
name	<code>String</code>	—
onChange	<code>function</code>	—

## Helpful Links & Resources

[Figma link\(s\)/Design Spec](#)

[Storybook link](#)

[Good for Guidance, listing variations, 'When to use X'](#)

[Content/Anatomy, What makes up a component](#)

[Accessibility \(scroll up\), best practices](#)