

TELUS Component Library

Checkbox

Multi-Platform Component | [Figma UI KIT](#)

☐ This is a checkbox

```
<Checkbox label="This is a checkbox" />
```

Introduction

Checkbox component represents a checkbox, either isolated or within a form.

[Follow the appropriate instructions](#) to add this component in to your app.

Guidance

CAUTION

In most cases, **CheckboxGroup** should be used instead of using Checkbox directly.

Pass the `CheckboxGroup` an `items` array and it will render Checkbox buttons for each item in the array with appropriate accessibility props, web form tags and state management.

Controlled version

If the checkbox is controlled from outside, it needs to receive `checked` and `onChange` props.

Uncontrolled version

In case of uncontrolled checkbox you can use `defaultChecked` prop to provide the initial value. Whenever the checkbox gets toggled, it calls the

`onChange` callback with the new value (boolean).

Using within forms

You can pass `name` and `value` props if you need a particular checkbox to be a part of a group of checkboxes on a form.

Validation and feedback

You can use the `feedback` prop to provide a comment related to the checkbox element. If the comment is related to a validation error, the checkbox and the feedback can be styled accordingly by setting the `error` prop to `true` (can also be done without feedback).

Accessibility

Checkbox component accepts all the common accessibility props, but also sets some defaults, including accessibility role `'checkbox'` and accessibility state that depends on the other props (`checked` , `inactive`) or the internal state in case of uncontrolled checkbox.

Platform considerations

The component is available on both native platforms and web.

Props

- Use `label` prop to provide a label for the checkbox.
- For a disabled `Checkbox` set the `inactive` prop to `true`.

| Name | Type | Platform | Default | Description |
|--------------------|-------------------|-----------------------|--------------------|---|
| <code>error</code> | <code>bool</code> | <code>standard</code> | <code>false</code> | Whether the underlying input triggered a validation error or not. |

| Name | Type | Platform | Default | Description |
|----------------|--------|----------|---------|---|
| checked | bool | standard | | Use <code>`checked`</code> for controlled Checkbox. For uncontrolled Checkbox, use the <code>`defaultChecked`</code> prop. |
| defaultChecked | bool | standard | | Use <code>`defaultChecked`</code> to provide the initial value for an uncontrolled Checkbox. |
| feedback | string | standard | | A detailed description of related validation error or additional instructions (depending on the <code>`error`</code> prop). |
| id | string | standard | | Checkbox ID. |
| inactive | bool | standard | | Whether the corresponding input is disabled or active. |
| label | string | standard | | The label. |
| name | string | standard | | Associate this checkbox with a |

| Name | Type | Platform | Default | Description |
|----------|---------|----------|---------|--|
| | | | | group (set as the name attribute). |
| value | union | standard | | The value. Must be unique within the group. |
| onChange | func | standard | | Callback called when a controlled checkbox gets interacted with. |
| tokens | tokens | standard | | System tokens prop, see tokens for more details |
| variant | variant | standard | | System variant prop, see variants for more details |

Tokens

In exceptional circumstances, the following tokens can be passed to this component to override its default styles. **Do not do this unless absolutely necessary.** [Read more about overriding styles.](#)

► View Tokens

Variants

This component does not have any stylistic variants.

Feedback

- Spotted a problem with this component? Raise an [issue on GitHub](#)
- See any [existing issues](#) for this component
- Contact the team on slack in [#ds-support](#)