

TELUS Component Library

Radio

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

☐ This is a radio button

```
<Radio label="This is a radio button" />
```

Introduction

Radio component represents a radio button, either isolated or within a form.

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

Guidance

CAUTION

In most cases, **[RadioGroup](#)** should be used instead of using Radio directly.

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

Controlled version

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

Uncontrolled version

In case of uncontrolled radio button you can use `defaultChecked` prop to provide the initial value. Whenever the radio button 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 radio button to be a part of a radio group on a form.

Validation

You can mark a radio button as failing validation by setting the `error` prop to `true`.

Accessibility

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

Platform considerations

The component is available on both native platforms and web.

Props

- Use `label` prop to provide a label for the radio button. For a disabled `Radio` set the `inactive` prop to `true`.

Name	Type	Platform	Default	Description
error	bool	standard	false	Whether the underlying input triggered a validation error or not.
checked	bool	standard		Use <code>`checked`</code> for controlled Radio. For uncontrolled

Name	Type	Platform	Default	Description
				Radio, use the `defaultChecked` prop.
defaultChecked	bool	standard		Use `defaultChecked` to provide the initial value for an uncontrolled Radio.
description	string	standard		An optional radio button description.
id	string	standard		Radio button ID.
inactive	bool	standard		Whether the corresponding input is disabled or active.
label	string	standard		The label.
name	string	standard		Associate this radio button with a 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

Name	Type	Platform	Default	Description
				radio button 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](#)