**6\_Carousel**

Basic accessibility principle of carousel

* Avoid confusing users, e.g. if slides rotate automatically and a screen reader user is not aware of the rotation, the user may read an element on slide one, the slide then automatically goes to slide 2 and user is not aware of that and press enter, then it would result in user thinks he is still accessing slide 1’s page.
* Buttons for displaying the previous and next slides is required
* (Optional) have control to choose specific slide to display
* Has a button to stop / restarting rotation
* Stop rotating when keyboard focus enters the carousel or mouse hover over the carosuel

**What accessible features are in the example?**

* Each slide has aria-label of “x of 6” to indicate the sequence
* Each image has alternative text
* User can stop and start slide rotation
* The script detects the operating system preference, if reduced motion has been set, the carousel is set to pause by default.
* For the play/pause button, when in play state, the aria-label is “Stop automatic slide show”, when in pause state, the aria-lable becomes “start automatic slide show”
* Use semantic to define button, which is screen reader friendly
* The hover button meets contrast requirement ( **>4.5:1** )
* When automatic rotation is turned off, aria-live is set to polite (to announce new slide content), when automatic rotation is turned on, the live region is disabled, such that screen reader will not read the change in picture content

**7\_Checkbox**