

### Additional Resources

This document attempts to highlight the most important keyboard shortcuts for use with testing Web Accessibility.

Portions of this document were adopted from WebAIM's Keyboard Shortcuts for JAWS, and NVDA and from Deque University's Screen Reader Keyboard Shortcuts

[Official JAWS Keystroke list](#)

[NVDA User Guide](#)

[NVDA Keyboard Helper by Stamford Interactive](#)

### Important Notice

All keystrokes and key combinations can be modified in the configuration of the Screen Readers. JAWS uses Insert as it's default key. NVDA uses the concept of the NVDA key, which is Insert by default but can be changed to CapsLock during start up.

### State

JAWS	NVDA	
	Control + Alt + N	On / Enable
	NVDA + Q	Off / Disable

### Reading Text

JAWS	NVDA	Say:
Ctrl	Ctrl	Stop Reading

#### Character

←	← or Numpad 1	Prior Character
→	→ or Numpad 3	Next Character
Numpad 5	Numpad 2	Current Character
Numpad 5 (twice)		Character Phonetically

#### Word

Insert + ←	Ctrl + ← or Numpad 4	Prior Word
Insert + →	Ctrl + → or Numpad 6	Next Word
Insert + Numpad 5	Numpad 5	Current Word
Insert + Numpad 5 (twice)	Numpad 5 (twice)	Spell Word

#### Line

↑	↑ or Numpad 7	Prior Line
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### Reading Text (cont)

↓	↓ or Numpad 9	Next Line
Insert + ↑	NVDA + ↑ or Numpad 8	Current Line
Insert + ↑ (twice)	NVDA + ↑ (twice)	Spell Current Line
	Shift + 7	Top Line
	Shift + 9	Bottom Line
	Shift + 1	Start of Line
	Shift + 3	End of Line

#### Sentence

Alt + ↑	Prior Sentence
Alt + ↓	Next Sentence
Alt + Numpad 5	Current Sentence

#### Cursor

Insert + Home	Say to Cursor	
Insert + Page Up	Say from Cursor	
Insert + Home (twice)	Spell to Cursor	
Insert + Page Up (twice)	Spell from Cursor	
Insert + ↓	NVDA + ↓ or Numpad '+'	Say All
→	Fast Forward during a Say All	
←	Rewind during a Say All	
Insert + 5	Say Color	
Numpad 5 (thrice)	Say ASCII or Hex Value	
Insert + F (twice)	Say Font	
Ctrl + Insert + ↓	Start Skim Reading	
Ctrl + Insert + Shift + ↓	Skim Reading dialog box	
Insert + Win + ↓	Display Skim Reading Summary	

### Voice Rate

JAWS	NVDA	
Ctrl + Alt + Page Down	Ctrl + NVDA + ↓	Decrease Voice Rate
Ctrl + Alt + Page Up	Ctrl + NVDA + ↑	Increase Voice Rate
Page Down		Decrease Voice Rate (during SayAll)
Page Up		Increase Voice Rate (during SayAll)
	Ctrl + NVDA + ←/→	Change Voice Settings (Inflection, Pitch, etc.)

### Regions, Headings, and Lists

JAWS	NVDA	
R	D	Regions/Landmarks Quick Key
H	H	Headings Quick Key
1-6	1-6	Heading Level 1-6
Shift + (Keys above)	Shift + (Keys above)	Previous Element
Q		Main Content Quick Key
Insert + F6		List of Headings
	NVDA + F7	List of Elements (Headings, Links and Landmarks)
L	L	List Quick Key
I	I	List Item Quick Key

### Links

JAWS	NVDA	
Tab	Tab	Next Form/Link Element
Shift + Tab	Shift + Tab	Previous Form/Link Element
	K	Next Link
Insert + F7	NVDA + F7	Links/Elements List
U	U	Unvisited Link Quick Key
V	V	Visited Link Quick Key
Enter	Enter	Activate Link
Enter or Space	Enter or Space	Activate Button

### Tables

JAWS	NVDA	
<i>Moving within Tables</i>		
T	T	Table Quick Key
Ctrl + Alt + →	Ctrl + Alt + →	Cell to Right
Ctrl + Alt + ←	Ctrl + Alt + ←	Cell to Left
Ctrl + Alt + ↓	Ctrl + Alt + ↓	Cell Below
Ctrl + Alt + ↑	Ctrl + Alt + ↑	Cell Above
Ctrl + Alt + Home		First Cell
Ctrl + Alt + End		Last Cell
Ctrl + Alt + Shift + ↑		First Cell in Column
Ctrl + Alt + Shift + ↓		Last Cell in Column
Ctrl + Alt + Shift + ←		First Cell in Row
Ctrl + Alt + Shift + →		Last Cell in Row

### Table Reading

Ctrl + Alt + Numpad 5	Say Current Cell
Insert + Shift + ↑	Read Current Cell
Insert + Shift + Home	Read from Start of Row
Insert + Shift + Page Up	Read to End of Row
Insert + Shift + Numpad 5	Read Current Column
Insert + Shift + End	Read from Top of Column
Insert + Shift + Page Down	Read to Bottom of Column

### Forms

JAWS	NVDA	
F	F	Form Quick Key
B	B	Button Quick Key



### Forms (cont)

Enter	Enter or NVDA + Space	Enter Forms Mode (while in a form element)
'+'	NVDA + Space	Exit Forms Mode
Insert + F5		List of Form Elements
Tab	Tab	Navigate to Next form Control
Shift + Tab	Shift + Tab	Navigate to Previous Form Control
Ctrl + Shift or Ctrl + Space		Select Multiple List Items
Ctrl + \		Unselect All but Current
Space		Select and Deselect Checkboxes
Alt + ↓	Alt + ↓	Open Control with Dropdown (Combo Box, Auto-Complete, etc)
↑\↓ or First letter of item	↑\↓ or First letter of item	Select Element in Combo Box
↑\↓	↑\↓	Select Radio Button
	X	Checkbox
	C	Combobox
	R	Radio Button
Enter	Enter	Submit Form (while in Forms Mode)

### Frames

JAWS	NVDA
Ctrl + Tab	Move from one frame to the next frame within the page.
Ctrl + Shift + Tab	Move from one frame to the previous frame within the page.
Insert + F9	Bring up a list of frames that are present within the page

### Other Commands

JAWS	NVDA	
Ctrl + F	Ctrl + F	Search for a word or a phrase
Insert + Esc		Refresh Screen
Insert + F5		Reformat Document for better readability
Insert + F1		Help with Current Element
	NVDA + 1	Keyboard Help
G	G	Next Image
	Ctrl + ↑/↓	Previous/Next Paragraph
	Q	Blockquote
	NVDA + F2	Ignore Next Key and Send to Windows
	NVDA + 2	Speaks Characters Typed
	NVDA + 3	Speaks Words Types
	NVDA + B	Read All Foreground Window
	NVDA + T	Current Foreground Window Title

