

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 NDVA 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		

Reading Text (cont)

↑	↑ or Numpad 7	Prior Line
↓	↓ 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



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Reading Text (cont)

Insert +  +  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	
Moving within Tables		
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



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Forms		
JAWS	NVDA	
F	F	Form Quick Key
B	B	Button Quick Key
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 (cont)		
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

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.



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