

Accessibility Features and Options Built Into the 5 Most Popular Web Browsers

Basic Information	Internet Explorer	Mozilla Firefox	Opera	Apple Safari	Google Chrome
Website	http://www.microsoft.com/windows/internet-explorer/download-ie.aspx	http://www.mozilla.com/en-US/firefox/	http://www.opera.com/	http://www.apple.com/safari/download/	http://www.google.com/chrome/
Accessibility Information	http://www.microsoft.com/enable/products/ie7/default.aspx	http://support.mozilla.com/en-US/kb/Accessibility	http://www.opera.com/products/desktop/access/index.dml	http://www.apple.com/accessibility/	http://www.google.com/support/chrome/bin/answer.py?answer=96831&topic=14661
Assistive Technology Product Compatibility	http://www.microsoft.com/enable/at/search.aspx	http://support.mozilla.com/en-US/kb/Assistive+technology+compatibility	No information available.	http://www.apple.com/accessibility/resources/	No information available.
Current Version	7.0	3.0.3	9.6	3	1.0
For Use With	Microsoft Windows	Microsoft Windows; Mac OSX; Linux	Microsoft Windows	Microsoft Windows; Mac OS	Microsoft Windows Vista/XP SP2
Feature or Option	Internet Explorer	Mozilla Firefox	Opera	Apple Safari	Google Chrome
Built-in Text Reading (screen reading functions)	Microsoft has a search tool which will recommend different types of solutions but does not have a screen reader built into IE7. For more information, visit http://www.microsoft.com/enable/at/search.aspx .	No information available.	No information available.	Apple has built many accessibility solutions directly into its products as standard features. VoiceOver, screen reading technology that's part of Mac OS X, provides voice description and offers plug-and-play support for Braille displays.	No information available.
Page Zoom In or Zoom Out	<ul style="list-style-type: none"> Click the Magnifying glass icon at the bottom right corner of the Internet Explorer window. Or, select the arrow to open the list of options and select one. 	<p>You can zoom in and out of pages including images, in the View > Zoom menu, or with the following keyboard shortcuts:</p> <ul style="list-style-type: none"> Press CtrlCmd++ to display the web page one size 	Zoom the contents of a document (text and images) from 20%-1000% either from the drop-down zoom box at the top of the browser or by simply pressing + to zoom in or - to zoom out.	No information available.	No information available.

	<ul style="list-style-type: none"> Press CTRL + PLUS SIGN (+) to zoom in, or CTRL + HYPHEN (-) to zoom out. 	<p>larger.</p> <ul style="list-style-type: none"> Press CtrlCmd+- to display the web page one size smaller. Press CtrlCmd+0 to display the web page at its normal size. 			
<p>Increase or Decrease Text Size</p> <p>**Note that some web pages may display incorrectly if you increase or decrease the text size</p>	<p>To change text size, open Internet Explorer 7, select the "Page" menu, then "Text Size" then choose between: largest, larger, medium, smaller, and smallest text sizes.</p>	<p>You can temporarily change the size of text on any web page in the View > Zoom menu, with Zoom > Text Only enabled. The following keyboard shortcuts control text size:</p> <ul style="list-style-type: none"> Press CtrlCmd++ to increase the text size. Press CtrlCmd+- to decrease the text size. Press CtrlCmd+0 to reset the text size to the web page's default size. 	<p>Zoom the contents of a document (text and images) from 20%-1000% either from the drop-down zoom box at the top of the browser or by simply pressing + to zoom in or - to zoom out.</p>	<p>Maybe the text field you're typing in is a bit too small to read. Or maybe you just have a lot to say. Either way, Safari lets you resize text fields on any website, just by grabbing the corner of the field. Resize a field and the web page reflows to make room.</p> <p>To quickly change font size:</p> <ul style="list-style-type: none"> Select the text you want to edit. To make the text larger, press the Command and "+" keys at the same time. To make the text smaller, press the Command and "-" keys at the same time. 	<p>To change text size in Google Chrome:</p> <ul style="list-style-type: none"> Ctrl++ to make text larger Ctrl+- to make text smaller Ctrl+0 to return to normal text size
<p>Override/Change Color Scheme</p> <p>** Many web pages set their own colors, so your choices will have</p>	<p>In Internet Explorer 7, choose "Tools" then "Internet Options". On the "General" tab, select "Colors". Remove the check</p>	<ul style="list-style-type: none"> You can set your default colors by going to Tools > Options > Edit > Preferences > Firefox > 	<p>To change the color of text and links:</p> <ul style="list-style-type: none"> Go to File > Preferences > Fonts and colors. 	<p>No information available.</p>	<p>No information available.</p>

no effect.	mark next to "Use windows Colors" then choose your own colors, background and link colors by choosing from the available colors.	Preferences, selecting the Content panel, and clicking the Colors button in the Fonts & Colors section. You can set default text and background colors, as well as default colors for visited and unvisited hyperlinks. To override the colors defined by web pages, uncheck "Allow pages to choose their own colors."	Change the fonts and colors of the text and links, background color, and minimum text size to a style that better suits you.		
Using High Contrast	No information available.	<p>Firefox automatically detects if you are using a High Contrast theme and displays everything in your high contrast color scheme. This overrides all other browser or web page settings, and it affects the Firefox interface itself (all menus, windows, and dialog boxes) and the content of any web page you visit.</p> <ul style="list-style-type: none"> To use a High Contrast theme, go to Start Menu > Control Panel > Accessibility Options > Display and check the "Use High Contrast option" preference. 	No information available.	No information available.	No information available.

<p>Turning Off Java Applets, GIF Animations, Video Displays</p>	<p>Open Internet Explorer 7, click on "Tools" then "Internet Options". Under "Advanced", select the appropriate JavaScript options of your choosing.</p>	<p>Some web pages provide a rich interactive experience with Java™ applets. However, some users that rely on keyboard navigation may experience problems with some Java applets that automatically set focus and do not provide a way to break out of the applet and navigate to the rest of the web page.</p> <ul style="list-style-type: none"> You can disable Java by going to Tools > Options > Edit > Preferences > Firefox > Preferences, selecting the Content and unchecking the "Enable Java option" preference. 	<p>Opera lets you disable GIF animations, video displays, and Java plug-ins that can be obtrusive if you have difficulty changing focus or experience eye strain.</p> <ul style="list-style-type: none"> Press G to toggle images on/off on a page. This allows you to only view text and the page will load much faster. To disable GIF animations go to File > Preferences > Multimedia and uncheck the "Enable GIF animation" box in the images section. To disable video displays, Java, and plug-ins go to File > Preferences > Multimedia, then to the "Media types" section, and uncheck the actions you want to disable. 	<p>Enable Java: The animation, interactive features, timers, and other enhancements on webpages are sometimes provided by a type of software program known as Java. To block Java, deselect this checkbox.</p> <p>Enable JavaScript: JavaScript is a software technology needed on most webpages for buttons, online forms, and other content to work properly. To block JavaScript, deselect this checkbox. Important: Disabling JavaScript will cause some sites to not work properly.</p>	<p>No information available.</p>
<p>Restricting JavaScript Behavior</p> <p>** Some web pages rely on JavaScript and may not work properly if JavaScript is disabled.</p>	<p>Open Internet Explorer 7, click on "Tools" then "Internet Options". Under "Advanced", select the appropriate JavaScript options of your choosing.</p>	<ul style="list-style-type: none"> You can turn off JavaScript entirely by going to Tools > Options > Edit > Preferences > Firefox > Preferences, then selecting the 	<p>No information available.</p>	<p>Enable Java: The animation, interactive features, timers, and other enhancements on webpages are sometimes provided by a type of software program known as</p>	<p>No information available.</p>

		<p>Content panel, and unchecking "Enable JavaScript".</p> <p>If you do not wish to disable JavaScript entirely, there are also a number of advanced JavaScript settings to restrict the behavior of scripts.</p> <ul style="list-style-type: none"> Immediately after the Enable JavaScript checkbox, click the "Advanced" button to open the Advanced JavaScript Settings window. You can control whether scripts are allowed to move or resize existing windows, raise or lower windows, disable or replace context menus, hide the status bar, or change status bar text. 		<p>Java. To block Java, deselect this checkbox.</p> <p>Enable JavaScript: JavaScript is a software technology needed on most webpages for buttons, online forms, and other content to work properly. To block JavaScript, deselect this checkbox. Important: Disabling JavaScript will cause some sites to not work properly.</p>	
<p>Search for Text When I Start Typing</p>	<p>No information available.</p>	<p>Search for text when I start typing allows you to quickly navigate to text or hyperlinks in a web page. This feature has two modes.</p> <ul style="list-style-type: none"> Press / and start typing to search all text on the current page, or press ' before your string 	<p>No information available.</p>	<p>No information available.</p>	<p>In Google Chrome, you can get anywhere on the Web with one box. The address bar that sits at the top of the normal Google Chrome window simplifies your Internet experience by doubling as a search box. You can also use it to bookmark websites and stay</p>

		to search hyperlinks only. Firefox will highlight matching text or hyperlinks as you type.			aware about the security of a website.
Implement Your Own Style Sheet	<ul style="list-style-type: none"> Start > IE7 > Tools > Internet Options > On the general tab, select the Accessibility button. Under User style sheet, select "Format documents using my style sheet." Type in the name of your style sheet or navigate to it by selecting the browse button. To learn how to get your own custom style sheet, visit http://www.microsoft.com/enable/training/ie5/css.aspx. 	No information available.	<ul style="list-style-type: none"> You can specify your own style sheet and disable the document's style sheet, which will let you view the page with the colors and fonts you prefer. In File > Preferences > Page style, you can select that Opera displays the pages with the colors, fonts, and link style that you choose. Select "My style sheet", "My fonts", etc., and insert the file of the style sheet you have authored and/or customized. You can switch between the "User mode" or "Author mode" style sheet by pressing Ctrl+G, or by clicking the User mode/author mode icon you find on each page. The "User mode" style sheet lets you customize the color of the font and the background, as 	<p>To set options for webpage fonts:</p> <ul style="list-style-type: none"> Choose Edit > Preferences. Click Appearance, and then set font, images, and encoding options. Click Advanced to set font size and style sheet options. 	No information available.

			<p>well as the text size. For example, if black text on a white background strains your eyesight, you can change the background to black with a green font for easier reading. The "Author mode" displays the Web pages as the Web designer or author intends it to be seen.</p>		
Sound Alerts/Play Sounds	<p>Open Internet Explorer 7, click on "Tools" then "Internet Options". Under "Multimedia", select "Play sounds in webpages".</p>	No information available.	<p>Opera lets users implement sounds for several actions performed while surfing. Any sound can be installed for various movements, such as Opera start-up and exit, page loaded, transfer done, failure, instant message received, and follow link.</p> <ul style="list-style-type: none"> Go to File > Preferences > Sounds and choose a sound file for each event. 	No information available.	No information available.
Auto Completion/Auto Fill	<p>Open Internet Explorer 7, click on "Tools" then "Internet Options". Under "Browsing", select "Use inline auto complete".</p>	No information available.	<p>In the preferences menu, you can enter your personal information such as name, address, e-mail address, etc., which is commonly used to fill out forms on the Web.</p>	<p>To enable AutoFill, choose Preferences from the Safari menu, click the AutoFill button, and select the "Using info from my Address Book card" checkbox. To make</p>	<p>In Google Chrome, you can get anywhere on the Web with one box. The address bar that sits at the top of the normal Google Chrome window simplifies your Internet experience by</p>

			<p>This information is only stored in your computer, and no one can access this confidential information. If you have a difficult time using the keyboard and typing, simply right-click in the individual form fields and select "Insert" to access your personal information.</p> <ul style="list-style-type: none"> • Go to File > Preferences > Personal information and fill in your information. This auto-completion feature is also useful in the URL field. The auto-completion dropdown option in the URL field suggests previously visited pages so you don't have to retype the entire address. This accessibility feature lets you navigate the Web without depending too much on keyboard functionality. You can activate this by enabling it in the Preferences menu: • Go to File > Preferences > 	<p>sure that your card is up to date, click the Edit button to open Address Book.</p>	<p>doubling as a search box. You can also use it to bookmark websites and stay aware about the security of a website.</p>
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			Accessibility. In the Keyboard section, check the box that reads "Enable auto-completion dropdown"		
Using Mouse Features, Gestures, Keyboard Shortcuts	http://windowshelp.microsoft.com/Windows/en-US/Help/fe192a3f-1401-4233-919e-cae97eca4c0c1033.mspx	http://support.mozilla.com/en-US/kb/Mouse+shortcuts	http://www.opera.com/products/desktop/mouse/	Open Safari. Click on "Help" then the "Search" tab. Type in "Shortcuts" then select "Safari Shortcuts". A list will appear with various options.	http://www.google.com/support/chrome/bin/answer.py?answer=95743&ctx=sibling&topic=14661