

Category	Recipe	XPath	CSS
General	Whole web page	xpath=/html	css=html
	Whole web page body	xpath=/html/body	css=body
	Element <E> by absolute reference	xpath=/html/body/.../.../.../E	css=body>...>...>...>E
Tag	Element <E> by relative reference	//E	css=E
	Second <E> element anywhere on page	xpath=(//E)[2]	NA
	Image element	//img	css=img
	Element <E> with attribute A	//E[@A]	css=E[A]
	Element <E> with attribute A containing text 't' exactly	//E[@A='t']	css=E[A='t']
	Element <E> with attribute A containing text 't'	//E[contains(@A,'t')]	css=E[A*='t']
	Element <E> whose attribute A begins with 't'	//E[starts-with(@A, 't')]	css=E[A^='t']
	Element <E> whose attribute A ends with 't'	//E[substring(@A, string-length(@A) - string-length('t')+1)='t']	css=E[A\$='t']
	Element <E> with attribute A containing word 'w'	//E[contains(concat('⦿', @A, '⦿'), '⦿w⦿')]	css=E[A-='w']
	Element <E1> with id I1 or element <E2> with id I2	//E1[@id=I1] //E2[@id=I2]	css=E1#I1,E2#I2
	Element <E1> with id I1 or id I2	//E1[@id=I1 or @id=I2]	css=E1#I1,E1#I2
Id & Name	Element <E> with id I	//E[@id='I']	css=E#I
	Element with id I	//*[@id='I']	css=#I
	Element <E> with name N	//E[@name='N']	css=E[name=N]
	Element with name N	//*[@name='N']	css=[name=N]
	Element with id X or, failing that, a name X	//*[@id='X' or @name='X']	NA
	Element with name N & specified 0-based index 'v'	//*[@name='N'][v+1]	css=[name=N]:nth-child(v+1)
	Element with name N & specified value 'v'	//*[@name='N'][@value='v']	css=[name=N][value='v']
Lang & Class	Element <E> is explicitly in language L or subcode	//E[@lang='L' or starts-with(@lang, concat('L', '-'))]	css=E[lang =L]
	Element <E> is in language L or subcode (possibly inherited)	NA	css=E:lang(L)
	Element with a class C	//*[contains(concat('⦿', @class, '⦿'), '⦿C⦿')]	css=.C
	Element <E> with a class C	//E[contains(concat('⦿', @class, '⦿'), '⦿C⦿')]	css=E.C
Text & Link	Element containing text 't' exactly	//*[.='t']	NA
	Element <E> containing text 't'	//E[contains(text(),'t')]	css=E:contains('t')
	Link element	//a	css=a
	<a> containing text 't' exactly	//a[.='t']	NA
	<a> containing text 't'	//a[contains(text(),'t')]	css=a:contains('t')
	<a> with target link 'url'	//a[@href='url']	css=a[href='url']
	Link URL labeled with text 't' exactly	//a[.='t']/@href	NA
Parent & Child	First child of element <E>	//E/*[1]	NA
	First <E> child	//E[1]	NA
	Last child of element E	//E/*[last()]	css=E *:last-child
	Last <E> child	//E[last()]	NA
	Second <E> child	//E[2] ◀OR▶ //E/following-sibling::E	NA
	Second child that is an <E> element	//*[2][name()='E']	css=E:nth-child(2)
	Second-to-last <E> child	//E[last()-1]	NA
	Second-to-last child that is an <E> element	//*[last()-1][name()='E']	NA
	Element <E1> with only <E2> children	//E1/[E2 and not(*[not(self::E2)])]	NA
	Parent of element <E>	//E/..	NA
	Descendant <E> of element with id I using specific path	//*[@id='I']/.../.../.../.../E	css=#I > ... > ... > ... > E
	Descendant <E> of element with id I using unspecified path	//*[@id='I']/E	css=#I E
	Element <E> with no children	//E[count(*)=0]	css=E:empty
	Element <E> with an only child	//E[count(*)=1]	NA
	Element <E> that is an only child	//E[count(preceding-sibling::*)+count(following-sibling::*)=0]	css=E:only-child
	Element <E> with no <E> siblings	//E[count(.. /E) = 1]	NA
	Every Nth element starting with the (M+1)th	//E[position() mod N = M + 1]	css=E:nth-child(Nn + M)
Sibling	Element <E1> following some sibling <E2>	//E2/following-sibling::E1	css=E2 ~ E1
	Element <E1> immediately following sibling <E2>	//E2/following-sibling::*[1][name()='E1']	css=E2 + E1
	Element <E1> following sibling <E2> with one intermediary	//E2/following-sibling::*[2][name()='E1']	css=E2 + * + E1
	Sibling element immediately following <E>	//E/following-sibling::*	css=E + *
	Element <E1> preceding some sibling <E2>	//E2/preceding-sibling::E1	NA
	Element <E1> immediately preceding sibling <E2>	//E2/preceding-sibling::*[1][name()='E1']	NA
	Element <E1> preceding sibling <E2> with one intermediary	//E2/preceding-sibling::*[2][name()='E1']	NA
	Sibling element immediately preceding <E>	//E/preceding-sibling::*[1]	NA
Table Cell	Cell by row and column (e.g. 3rd row, 2nd column)	//*[@id='TestTable']/tr[3]/td[2]	css=#TestTable tr:nth-child(3) td:nth-child(2)
	Cell by row and column (e.g. 3rd row, 2nd column)	//*[@id='TestTable'].2.1	css=#TestTable.2.1
	Cell immediately following cell containing 't' exactly	//td[preceding-sibling::td='t']	NA
	Cell immediately following cell containing 't'	//td[preceding-sibling::td[contains(.,'t')]]	css=td:contains('t') ~ td
Dynamic	User interface element <E> that is disabled	//E[@disabled]	css=E:disabled
	User interface element that is enabled	//*[not(@disabled)]	css=*:enabled
	Checkbox (or radio button) that is checked	//*[@checked]	css=*:checked