

JavaScript Regex Mini Cheat Sheet

1. Basic Characters

Symbol	Description	Example	Matches
a	Matches character "a"	/a/	"a"
.	Any single character (except newline)	./	"a", "1", "@"
\d	Any digit (0-9)	/\d/	"1", "5"
\D	Any non-digit	/\D/	"a", "!"
\w	Any word character (letter, digit, underscore)	/\w/	"a", "5", "_"
\W	Any non-word character	/\W/	!", " "
\s	Any whitespace (space, tab, newline)	/\s/	" ", "\n", "\t"
\S	Any non-whitespace	/\S/	"a", "1"

2. Quantifiers (How Many Times)

Symbol	Meaning	Example	Matches
+	One or more times	/a+/	"a", "aa", "aaa"
*	Zero or more times	/a*/	"", "a", "aaa"
?	Zero or one time (optional)	/a?/	"", "a"
{n}	Exactly n times	/a{3}/	"aaa"
{n,}	n or more times	/a{2,}/	"aa", "aaa", "aaaa"
{n,m}	Between n and m times	/a{2,4}/	"aa", "aaa", "aaaa"

3. Anchors

Symbol	Meaning	Example
^	Start of string or line	/^Hello/
\$	End of string or line	/world\$/
\b	Word boundary	/\bword\b/

4. Groups and Alternatives

Symbol	Meaning	Example
(abc)	Group (capture)	/ (abc) /
`		OR (alternation)

5. Flags (Modifiers)

Flag	Meaning	Example
g	Global (all matches)	/a/g
i	Case-insensitive	/a/i
m	Multiline mode	/^a/m

6. Common Examples

Pattern	Matches
/\d+/g	One or more digits (all matches)
/^[a-z]+\$ /i	Whole string letters only (ignore case)
/\s+/g	One or more spaces
/colou?r/	Matches “color” or “colour”
/\bcat\b/	The word “cat” exactly