**RegExp**

**RegExp** 생성자는 패턴을 사용해 텍스트를 판별할 때 사용합니다.

정규 표현식에 대한 소개는 [JavaScript 안내서의 정규 표현식 장](https://developer.mozilla.org/ko/docs/Web/JavaScript/Guide/Regular_Expressions)을 참고하세요.

[**설명**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%84%A4%EB%AA%85)

[리터럴 표기법과 생성자](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EB%A6%AC%ED%84%B0%EB%9F%B4_%ED%91%9C%EA%B8%B0%EB%B2%95%EA%B3%BC_%EC%83%9D%EC%84%B1%EC%9E%90)

RegExp 객체는 리터럴 표기법과 생성자로써 생성할 수 있습니다.

* **리터럴 표기법**의 매개변수는 두 빗금으로 감싸야 하며 따옴표를 사용하지 않습니다.
* **생성자 함수**의 매개변수는 빗금으로 감싸지 않으나 따옴표를 사용합니다.

다음의 세 표현식은 모두 같은 정규 표현식을 생성합니다.

/ab+c/i

new RegExp(/ab+c/, 'i') // 리터럴

new RegExp('ab+c', 'i') // 생성자

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리터럴 표기법은 표현식을 평가할 때 정규 표현식을 컴파일합니다. 정규 표현식이 변하지 않으면 리터럴 표기법을 사용하세요. 예를 들어, 반복문 안에서 사용할 정규 표현식을 리터럴 표기법으로 생성하면 정규 표현식을 매번 다시 컴파일하지 않습니다.

정규 표현식 객체의 생성자(new RegExp('ab+c'))를 사용하면 정규 표현식이 런타임에 컴파일됩니다. 패턴이 변할 가능성이 있거나, 사용자 입력과 같이 알 수 없는 외부 소스에서 가져오는 정규 표현식의 경우 생성자 함수를 사용하세요.

[생성자의 플래그](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%83%9D%EC%84%B1%EC%9E%90%EC%9D%98_%ED%94%8C%EB%9E%98%EA%B7%B8)

ECMAScript 6부터는 new RegExp(/ab+c/, 'i')처럼, 첫 매개변수가 RegExp이면서 flags를 지정해도 [TypeError](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/TypeError) ("can't supply flags when constructing one RegExp from another")가 발생하지 않고, 매개변수로부터 새로운 정규 표현식을 생성합니다.

생성자 함수를 사용할 경우 보통의 문자열 이스케이프 규칙(특수 문자를 문자열에 사용할 때 앞에 역빗금(\)을 붙이는 것)을 준수해야 합니다.

예를 들어 다음 두 줄은 동일한 정규 표현식을 생성합니다.

let re = /\w+/

let re = new RegExp('\\w+')

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[Perl  형태의 RegExp 속성](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#perl_%ED%98%95%ED%83%9C%EC%9D%98_regexp_%EC%86%8D%EC%84%B1)

일부 [**RegExp**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp) 속성은 같은 값에 대해 긴 이름과 짧은 (Perl 형태의) 이름 모두 가지고 있습니다. (Perl은 JavaScript가 정규 표현식을 만들 때 참고한 프로그래밍 언어입니다.)[사용하지 않는 RegExp 속성](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Deprecated_and_obsolete_features#regexp_properties)을 참고하세요.

[**생성자**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%83%9D%EC%84%B1%EC%9E%90)

[**RegExp()**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp/RegExp)

새로운 RegExp 객체를 생성합니다.

[**정적 속성**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%A0%95%EC%A0%81_%EC%86%8D%EC%84%B1)

[**get RegExp[@@species] (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@species)

파생 객체를 생성할 때 사용하는 생성자입니다.

[**RegExp.lastIndex (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/lastIndex)

다음 판별을 시작할 인덱스입니다.

[**인스턴스 속성**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%9D%B8%EC%8A%A4%ED%84%B4%EC%8A%A4_%EC%86%8D%EC%84%B1)

[**RegExp.prototype.flags (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/flags)

RegExp 객체의 플래그를 담은 문자열입니다.

[**RegExp.prototype.dotAll (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/dotAll)

.이 줄 바꿈에 일치하는지 여부를 나타냅니다.

[**RegExp.prototype.global (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/global)

정규 표현식이 문자열 내에서 가능한 모든 경우에 일치하는지, 아니면 최초에 대해서만 일치하는지 나타냅니다.

[**RegExp.prototype.ignoreCase (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/ignoreCase)

문자열의 대소문자를 구분하는지 나타냅니다.

[**RegExp.prototype.multiline (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/multiline)

여러 줄에 걸쳐 탐색할 것인지 나타냅니다.

[**RegExp.prototype.source (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/source)

패턴을 나타내는 문자열입니다.

[**RegExp.prototype.sticky (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/sticky)

검색이 접착(sticky)되어있는지 나타냅니다.

[**RegExp.prototype.unicode (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/unicode)

Unicode 기능의 활성화 여부입니다.

[**인스턴스 메서드**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%9D%B8%EC%8A%A4%ED%84%B4%EC%8A%A4_%EB%A9%94%EC%84%9C%EB%93%9C)

[**RegExp.prototype.compile() (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/compile)

스크립트 실행 중 정규 표현식을 (다시) 컴파일합니다.

[**RegExp.prototype.exec()**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp/exec)

문자열 매개변수에 대해 검색을 실행합니다.

[**RegExp.prototype.test()**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp/test)

문자열 매개변수에 대해 판별을 실행합니다.

[**RegExp.prototype.toString() (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/toString)

객체의 문자열 표현을 반환합니다. [Object.prototype.toString()](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/Object/toString) 메서드를 재정의합니다.

[**RegExp.prototype[@@match]() (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@match)

주어진 문자열에 대해 일치하는 결과를 반환합니다.

[**RegExp.prototype[@@matchAll]() (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@matchAll)

주어진 문자열에 대해 일치하는 모든 결과를 반환합니다.

[**RegExp.prototype[@@replace]() (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@replace)

주어진 문자열 내의 일치를 새로운 문자열로 대치합니다.

[**RegExp.prototype[@@search]() (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@search)

주어진 문자열에 대해 일치하는 인덱스를 반환합니다.

[**RegExp.prototype[@@split]() (en-US)**](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@split)

주어진 문자열을 분할해 배열로 반환합니다.

[**예제**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%98%88%EC%A0%9C)

[정규 표현식을 사용해서 데이터 형식 바꾸기](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%A0%95%EA%B7%9C_%ED%91%9C%ED%98%84%EC%8B%9D%EC%9D%84_%EC%82%AC%EC%9A%A9%ED%95%B4%EC%84%9C_%EB%8D%B0%EC%9D%B4%ED%84%B0_%ED%98%95%EC%8B%9D_%EB%B0%94%EA%BE%B8%EA%B8%B0)

다음 스크립트에서는 [String](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/String) 객체의 [replace()](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/String/replace) 메서드를 사용하여 *이름 성씨* 형태의 이름을 *성씨, 이름* 형태 바꿔 반환합니다.

대치 문자열에는 $1과 $2를 사용하여 정규 표현식 패턴의 각 괄호에 일치한 결과를 받아옵니다.

let re = /(\w+)\s(\w+)/

let str = 'John Smith'

let newstr = str.replace(re, '$2, $1')

console.log(newstr)

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실행 결과는 "Smith, John"입니다.

[정규 표현식을 사용해서 여러 가지 줄 바꿈 문자가 있는 문자열 나누기](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%A0%95%EA%B7%9C_%ED%91%9C%ED%98%84%EC%8B%9D%EC%9D%84_%EC%82%AC%EC%9A%A9%ED%95%B4%EC%84%9C_%EC%97%AC%EB%9F%AC_%EA%B0%80%EC%A7%80_%EC%A4%84_%EB%B0%94%EA%BF%88_%EB%AC%B8%EC%9E%90%EA%B0%80_%EC%9E%88%EB%8A%94_%EB%AC%B8%EC%9E%90%EC%97%B4_%EB%82%98%EB%88%84%EA%B8%B0)

기본 줄 바꿈 문자는 플랫폼(Unix, Windows 등)마다 다릅니다. 아래의 분할 스크립트는 모든 플랫폼의 줄 바꿈을 인식합니다.

let text = 'Some text\nAnd some more\r\nAnd yet\rThis is the end'

let lines = text.split(/\r\n|\r|\n/)

console.log(lines) // logs [ 'Some text', 'And some more', 'And yet', 'This is the end' ]

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정규 표현식 패턴의 순서를 바꾸면 작동하지 않을 수 있습니다.

[여러 줄에서 정규 표현식 사용하기](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%97%AC%EB%9F%AC_%EC%A4%84%EC%97%90%EC%84%9C_%EC%A0%95%EA%B7%9C_%ED%91%9C%ED%98%84%EC%8B%9D_%EC%82%AC%EC%9A%A9%ED%95%98%EA%B8%B0)

let s = 'Please yes\nmake my day!'

s.match(/yes.\*day/);

// Returns null

s.match(/yes[^]\*day/);

// Returns ["yes\nmake my day"]

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[접착 플래그와 함께 사용하기](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%A0%91%EC%B0%A9_%ED%94%8C%EB%9E%98%EA%B7%B8%EC%99%80_%ED%95%A8%EA%BB%98_%EC%82%AC%EC%9A%A9%ED%95%98%EA%B8%B0)

[sticky (en-US)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/sticky) 플래그는 해당 정규 표현식이 접착 판별, 즉 [RegExp.prototype.lastIndex (en-US)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/lastIndex)에서 시작하는 일치만 확인하도록 할 수 있습니다.

let str = '#foo#'

let regex = /foo/y

regex.lastIndex = 1

regex.test(str) // true

regex.lastIndex = 5

regex.test(str) // false (lastIndex is taken into account with sticky flag)

regex.lastIndex // 0 (reset after match failure)

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[접착과 전역 플래그의 차이](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%A0%91%EC%B0%A9%EA%B3%BC_%EC%A0%84%EC%97%AD_%ED%94%8C%EB%9E%98%EA%B7%B8%EC%9D%98_%EC%B0%A8%EC%9D%B4)

접착 플래그 y의 일치는 정확히 lastIndex 위치에서만 발생할 수 있으나, 전역 플래그 g의 경우 lastIndex 또는 그 이후에서도 발생할 수 있습니다.

re = /\d/y;

while (r = re.exec("123 456")) console.log(r, "AND re.lastIndex", re.lastIndex);

// [ '1', index: 0, input: '123 456', groups: undefined ] AND re.lastIndex 1

// [ '2', index: 1, input: '123 456', groups: undefined ] AND re.lastIndex 2

// [ '3', index: 2, input: '123 456', groups: undefined ] AND re.lastIndex 3

// ... and no more match.

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전역 플래그 g를 사용했다면, 3개가 아니고 6개 숫자 모두 일치했을 것입니다.

[정규 표현식과 Unicode 문자](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EC%A0%95%EA%B7%9C_%ED%91%9C%ED%98%84%EC%8B%9D%EA%B3%BC_unicode_%EB%AC%B8%EC%9E%90)

 \w와 \W는 a부터 z, A부터 Z, 0부터 9 \_ 등의 [ASCII](https://developer.mozilla.org/ko/docs/Glossary/ASCII) 문자에만 일치합니다.

러시아어나 히브리어와 같은 다른 언어의 문자까지 일치하려면 \uhhhh(이때 hhhh는 해당 문자의 16진법 Unicode 값) 문법을 사용하세요. 아래 예제에서는 문자열에서 Unicode 문자를 추출합니다.

let text = 'Образец text на русском языке'

let regex = /[\u0400-\u04FF]+/g

let match = regex.exec(text)

console.log(match[0]) // logs 'Образец'

console.log(regex.lastIndex) // logs '7'

let match2 = regex.exec(text)

console.log(match2[0]) // logs 'на' [did not log 'text']

console.log(regex.lastIndex) // logs '15'

// and so on

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[유니코드 속성 이스케이프 (en-US)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular_Expressions/Unicode_Property_Escapes) 기능을 사용해 \p{scx=Cyrl}과 같은 간단한 구문으로 이 문제를 해결할 수 있습니다.

[URL에서 서브도메인 추출하기](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#url%EC%97%90%EC%84%9C_%EC%84%9C%EB%B8%8C%EB%8F%84%EB%A9%94%EC%9D%B8_%EC%B6%94%EC%B6%9C%ED%95%98%EA%B8%B0)

let url = 'http://xxx.domain.com'

console.log(/[^.]+/.exec(url)[0].substr(7)) // logs 'xxx'

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이 때는 정규표현식보단 [URL API (en-US)](https://developer.mozilla.org/en-US/docs/Web/API/URL_API)를 통해 브라우저에 내장된 URL 구문 분석기를 사용하는 것이 좋습니다.

[**명세**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EB%AA%85%EC%84%B8)

|  |
| --- |
| **명세** |
| [ECMAScript (ECMA-262) The definition of 'RegExp' in that specification.](https://tc39.es/ecma262/#sec-regexp-regular-expression-objects) |

[**브라우저 호환성**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EB%B8%8C%EB%9D%BC%EC%9A%B0%EC%A0%80_%ED%98%B8%ED%99%98%EC%84%B1)

[Report problems with this compatibility data on GitHub](https://github.com/mdn/browser-compat-data/issues/new?body=%3C%21--+Tips%3A+where+applicable%2C+specify+browser+name%2C+browser+version%2C+and+mobile+operating+system+version+--%3E%0A%0A%23%23%23%23+What+information+was+incorrect%2C+unhelpful%2C+or+incomplete%3F%0A%0A%23%23%23%23+What+did+you+expect+to+see%3F%0A%0A%23%23%23%23+Did+you+test+this%3F+If+so%2C+how%3F%0A%0A%0A%3C%21--+Do+not+make+changes+below+this+line+--%3E%0A%3Cdetails%3E%0A%3Csummary%3EMDN+page+report+details%3C%2Fsummary%3E%0A%0A*+Query%3A+%60javascript.builtins.RegExp%60%0A*+MDN+URL%3A+https%3A%2F%2Fdeveloper.mozilla.org%2Fko%2Fdocs%2FWeb%2FJavaScript%2FReference%2FGlobal_Objects%2FRegExp%0A*+Report+started%3A+2022-01-15T12%3A14%3A38.322Z%0A%0A%3C%2Fdetails%3E&title=javascript.builtins.RegExp+-+%3CPUT+TITLE+HERE%3E)

|  | **desktop** | | | | | | **mobile** | | | | | | **server** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Chrome | Edge | Firefox | Internet Explorer | Opera | Safari | WebView Android | Chrome Android | Firefox for Android | Opera Android | Safari on iOS | Samsung Internet | Deno | Node.js |
| RegExp | Full support1 | Full support12 | Full support1 | Full support4 | Full support5 | Full support1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| [RegExp() constructor](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/RegExp) | Full support1 | Full support12 | Full support1 | Full support4 | Full support5 | Full support1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| [compile](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/compile)  [Deprecated](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/compile) | Full support1 | Full support12 | Full support1 | Full support4 | Full support6 | Full support3.1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support2 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| [dotAll](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/dotAll) | Full support62 | Full support79 | Full support78 | **No supportNo** | Full support49 | Full support12 | Full support62 | Full support62 | Full support79 | Full support46 | Full support12 | Full support8.0 | Full support1.0 | Full support8.10.0  Open |
| [exec](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/exec) | Full support1 | Full support12 | Full support1 | Full support4 | Full support5 | Full support1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| [flags](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/flags) | Full support49 | Full support79 | Full support37 | **No supportNo** | Full support39 | Full support9 | Full support49 | Full support49 | Full support37 | Full support41 | Full support9 | Full support5.0 | Full support1.0 | Full support6.0.0 |
| [global](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/global) | Full support1 | Full support12 | Full support1 | Full support5.5 | Full support5 | Full support1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| Prototype accessor property (ES2015) | Full support48 | Full support12 | Full support38 | Full support5.5 | Full support35 | Full support1.3 | Full support48 | Full support48 | Full support38 | Full support35 | Full support1 | Full support5.0 | Full support1.0 | Full support6.0.0 |
| [hasIndices](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/hasIndices) | Full support90 | Full support90 | Full support88 | **No supportNo** | Full support76 | Full support15 | Full support90 | Full support90 | Full support88 | Full support64 | Full support15 | Full support15.0 | Full support1.8 | **No supportNo** |
| [ignoreCase](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/ignoreCase) | Full support1 | Full support12 | Full support1 | Full support5.5 | Full support5 | Full support1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| Prototype accessor property (ES2015) | Full support48 | Full support12 | Full support38 | Full support5.5 | Full support35 | Full support1.3 | Full support48 | Full support48 | Full support38 | Full support35 | Full support1 | Full support5.0 | Full support1.0 | Full support6.0.0 |
| [RegExp.input ($\_)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/input)  [Non-standard](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/input) | Full support1 | Full support12 | Full support1 | Full support5.5 | Full support15 | Full support3 | Full support1 | Full support18 | Full support4 | Full support14 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| [lastIndex](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/lastIndex) | Full support1 | Full support12 | Full support1 | Full support5.5 | Full support5 | Full support1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| [RegExp.lastMatch ($&)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/lastMatch)  [Non-standard](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/lastMatch) | Full support1 | Full support12 | Full support1 | Full support5.5 | Full support10.5 | Full support3 | Full support1 | Full support18 | Full support4 | Full support11 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| [RegExp.lastParen ($+)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/lastParen)  [Non-standard](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/lastParen) | Full support1 | Full support12 | Full support1 | Full support5.5 | Full support10.5 | Full support3 | Full support1 | Full support18 | Full support4 | Full support11 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| [RegExp.leftContext ($`)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/leftContext)  [Non-standard](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/leftContext) | Full support1 | Full support12 | Full support1 | Full support5.5 | Full support8 | Full support3 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| lookbehind assertions ((?<= ) and (?<! )) | Full support62 | Full support79 | Full support78 | **No supportNo** | Full support49 | **No supportNo** | Full support62 | Full support62 | Full support79 | Full support46 | **No supportNo** | Full support8.0 | Full support1.0 | Full support8.10.0 |
| [multiline](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/multiline) | Full support1 | Full support12 | Full support1 | Full support5.5 | Full support5 | Full support1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| Prototype accessor property (ES2015) | Full support48 | Full support12 | Full support38 | Full support5.5 | Full support35 | Full support1.3 | Full support48 | Full support48 | Full support38 | Full support35 | Full support1 | Full support5.0 | Full support1.0 | Full support6.0.0 |
| [RegExp.$1-$9](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/n) | Full support1 | Full support12 | Full support1 | Full support4 | Full support5 | Full support1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| Named capture groups | Full support64 | Full support79 | Full support78 | **No supportNo** | Full support51 | Full support11.1 | Full support64 | Full support64 | Full support79 | Full support47 | Full support11.3 | Full support9.0 | Full support1.0 | Full support10.0.0  Open |
| Unicode property escapes (\p{...}) | Full support64 | Full support79 | Full support78 | **No supportNo** | Full support51 | Full support11.1 | Full support64 | Full support64 | Full support79 | Full support47 | Full support11.3 | Full support9.0 | Full support1.0 | Full support10.0.0  Open |
| [RegExp.rightContext ($')](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/rightContext)  [Non-standard](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/rightContext) | Full support1 | Full support12 | Full support1 | Full support5.5 | Full support8 | Full support3 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| [source](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/source) | Full support1 | Full support12 | Full support1 | Full support4 | Full support5 | Full support1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| "(?:)" for empty regexps | Full support6 | Full support12 | Full support38 | **No supportNo** | Full support15 | Full support5 | Full support37 | Full support18 | Full support38 | Full support14 | Full support4.2 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| Escaping | Full support73 | Full support12 | Full support38 | Full support10 | Full support60 | Full support6 | Full support73 | Full support73 | Full support38 | Full support52 | Full support6 | Full support11.0 | Full support1.0 | Full support12.0.0 |
| Prototype accessor property (ES2015) | Full support48 | Full support12 | Full support41 | Full support4 | Full support35 | Full support1.3 | Full support48 | Full support48 | Full support41 | Full support35 | Full support1 | Full support5.0 | Full support1.0 | Full support6.0.0 |
| [sticky](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/sticky) | Full support49 | Full support13 | Full support3 | **No supportNo** | Full support36 | Full support10 | Full support49 | Full support49 | Full support4 | Full support36 | Full support10 | Full support5.0 | Full support1.0 | Full support6.0.0 |
| Anchored sticky flag behavior per ES2015 | Full support49 | Full support13 | Full support44 | **No supportNo** | Full support36 | Full support10 | Full support49 | Full support49 | Full support44 | Full support36 | Full support10 | Full support5.0 | Full support1.0 | Full support6.0.0 |
| Prototype accessor property (ES2015) | Full support49 | Full support13 | Full support38 | **No supportNo** | Full support36 | Full support10 | Full support49 | Full support49 | Full support38 | Full support36 | Full support10 | Full support5.0 | Full support1.0 | Full support6.0.0 |
| [test](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/test) | Full support1 | Full support12 | Full support1 | Full support4 | Full support5 | Full support1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| [toSource](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/toSource)  [Non-standard](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/toSource) | **No supportNo** | **No supportNo** | **No support1 – 74**  **footnote**  **Open** | **No supportNo** | **No supportNo** | **No supportNo** | **No supportNo** | **No supportNo** | **No support4 – 79**  **footnote**  **Open** | **No supportNo** | **No supportNo** | **No supportNo** | **No supportNo** | **No supportNo** |
| [toString](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/toString) | Full support1 | Full support12 | Full support1 | Full support4 | Full support5 | Full support1 | Full support1 | Full support18 | Full support4 | Full support10.1 | Full support1 | Full support1.0 | Full support1.0 | Full support0.10.0 |
| Escaping | Full support73 | Full support12 | Full support38 | Full support9 | Full support60 | Full support6 | Full support73 | Full support73 | Full support38 | Full support52 | Full support6 | Full support11.0 | Full support1.0 | Full support12.0.0 |
| [unicode](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/unicode) | Full support50 | Full support12  footnote  Open | Full support46 | **No supportNo** | Full support37 | Full support10 | Full support50 | Full support50 | Full support46 | Full support37 | Full support10 | Full support5.0 | Full support1.0 | Full support6.0.0  footnote  Open |
| [@@match](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@match) | Full support50 | Full support13 | Full support49 | **No supportNo** | Full support37 | Full support10 | Full support50 | Full support50 | Full support49 | Full support37 | Full support10 | Full support5.0 | Full support1.0 | Full support6.0.0 |
| [@@matchAll](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@matchAll) | Full support73 | Full support79 | Full support67 | **No supportNo** | Full support60 | Full support13 | Full support73 | Full support73 | Full support67 | Full support52 | Full support13 | Full support5.0 | Full support1.0 | Full support12.0.0 |
| [@@replace](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@replace) | Full support50 | Full support79 | Full support49 | **No supportNo** | Full support37 | Full support10 | Full support50 | Full support50 | Full support49 | Full support37 | Full support10 | Full support5.0 | Full support1.0 | Full support6.0.0 |
| [@@search](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@search) | Full support50 | Full support13 | Full support49 | **No supportNo** | Full support37 | Full support10 | Full support50 | Full support50 | Full support49 | Full support37 | Full support10 | Full support5.0 | Full support1.0 | Full support6.0.0 |
| [@@species](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@species) | Full support50 | Full support13 | Full support49 | **No supportNo** | Full support37 | Full support10 | Full support50 | Full support50 | Full support49 | Full support37 | Full support10 | Full support5.0 | Full support1.0 | Full support6.5.0  Open |
| [@@split](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp/@@split) | Full support50 | Full support79 | Full support49 | **No supportNo** | Full support37 | Full support10 | Full support50 | Full support50 | Full support49 | Full support37 | Full support10 | Full support5.0 | Full support1.0 | Full support6.0.0 |

Legend

**Full support**

Full support

**No support**

No support

Non-standard. Check cross-browser support before using.

Deprecated. Not for use in new websites.

See implementation notes.

User must explicitly enable this feature.

[**같이 보기**](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/RegExp#%EA%B0%99%EC%9D%B4_%EB%B3%B4%EA%B8%B0)

* [JavaScript 안내서의 정규 표현식 장](https://developer.mozilla.org/ko/docs/Web/JavaScript/Guide/Regular_Expressions)
* [String.prototype.match()](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/String/match)
* [String.prototype.replace()](https://developer.mozilla.org/ko/docs/Web/JavaScript/Reference/Global_Objects/String/replace)