

- [JavaScript](#)
- [PCRE](#)
- [Python](#)

Python Regex Cheatsheet

Regular Expression Basics	Regular Expression Character Classes	Regular Expression Flags
.	[ab-d] One character of: a, b, c, d	i Ignore case
a	[^ab-d] One character except: a, b, c, d	m ^ and \$ match start and end of line
ab	[b] Backspace character	s . matches newline as well
a b a or b	\d One digit	x Allow spaces and comments
a* 0 or more a's	\D One non-digit	L Locale character classes
\ Escapes a special character	\s One whitespace	u Unicode character classes
	\S One non-whitespace	(?iLmsux) Set flags within regex
	\w One word character	
	\W One non-word character	
Regular Expression Quantifiers	Regular Expression Assertions	Regular Expression Special Characters
* 0 or more	^ Start of string	\n Newline
+ 1 or more	\A Start of string, ignores m flag	\r Carriage return
? 0 or 1	\$ End of string	\t Tab
{2} Exactly 2	\Z End of string, ignores m flag	\YYY Octal character YYY
{2, 5} Between 2 and 5	\b Word boundary	\xYY Hexadecimal character YY
{2,} 2 or more	\B Non-word boundary	
{,5} Up to 5	(?=...) Positive lookahead	
Default is greedy. Append ? for reluctant.	(?!...) Negative lookahead	
	(?<=...) Positive lookbehind	
	(?<!...) Negative lookbehind	
	(?()) Conditional	
Regular Expression Groups		Regular Expression Replacement
(...) Capturing group		\g<0> Insert entire match
(?P<Y>...) Capturing group named Y		\g<Y> Insert match Y (name or number)
(?....) Non-capturing group		\Y Insert group numbered Y
\Y Match the Y'th captured group		
(?P=Y) Match the named group Y		
(?#...) Comment		

New to Debuggex? Check out the regex tester!