



链滴

CSS 动画 - 简单的变量

作者: [Vanessa](#)

原文链接: <https://ld246.com/article/1565273884235>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

2019-08-08

描述

为 `transition-timing-function` 属性构建比 `ease`, `ease-in`, `ease-out` 和 `ease-in-out` 更强大的可次使用的变量。

HTML

```
<div class="easing-variables">Hover</div>
```

CSS

```
:root {  
  /* Place variables in here to use globally */  
}  
.easing-variables {  
  --ease-in-quad: cubic-bezier(0.55, 0.085, 0.68, 0.53);  
  --ease-in-cubic: cubic-bezier(0.55, 0.055, 0.675, 0.19);  
  --ease-in-quart: cubic-bezier(0.895, 0.03, 0.685, 0.22);  
  --ease-in-quint: cubic-bezier(0.755, 0.05, 0.855, 0.06);  
  --ease-in-expo: cubic-bezier(0.95, 0.05, 0.795, 0.035);  
  --ease-in-circ: cubic-bezier(0.6, 0.04, 0.98, 0.335);  
  --ease-out-quad: cubic-bezier(0.25, 0.46, 0.45, 0.94);  
  --ease-out-cubic: cubic-bezier(0.215, 0.61, 0.355, 1);  
  --ease-out-quart: cubic-bezier(0.165, 0.84, 0.44, 1);  
  --ease-out-quint: cubic-bezier(0.23, 1, 0.32, 1);  
  --ease-out-expo: cubic-bezier(0.19, 1, 0.22, 1);  
  --ease-out-circ: cubic-bezier(0.075, 0.82, 0.165, 1);  
  --ease-in-out-quad: cubic-bezier(0.455, 0.03, 0.515, 0.955);  
  --ease-in-out-cubic: cubic-bezier(0.645, 0.045, 0.355, 1);  
  --ease-in-out-quart: cubic-bezier(0.77, 0, 0.175, 1);  
  --ease-in-out-quint: cubic-bezier(0.86, 0, 0.07, 1);  
  --ease-in-out-expo: cubic-bezier(1, 0, 0, 1);  
  --ease-in-out-circ: cubic-bezier(0.785, 0.135, 0.15, 0.86);  
  display: inline-block;  
  width: 75px;  
  height: 75px;  
  padding: 10px;  
  color: white;  
  line-height: 50px;  
  text-align: center;  
  background: #333;  
  transition: transform 1s var(--ease-out-quart);  
}  
.easing-variables:hover {  
  transform: rotate(45deg);  
}
```

Demo

```
<iframe height="204" style="width: 100%;" scrolling="no" title="Easing variables" src="//codepen.io/vanessa219/embed/xvjxzL/?height=204&theme-id=dark&default-tab=result" frameborder="no" allowtransparency="true" allowfullscreen="true">
  See the Pen <a href='https://codepen.io/vanessa219/pen/xvjxzL/'>Easing variables</a> by
  anesssa
  (<a href='https://codepen.io/vanessa219'>@vanessa219</a>) on <a href='https://codepen.o'>CodePen</a>.
</iframe>
```

说明

- 在 `:root` CSS 伪类中可定义全局的变量，他和文档树中的跟元素相匹配。
- 在 HTML 中，`:root` 表示 `<html>` 元素，除了优先级更高之外，他与 `html` 选择器相同。

浏览器支持

支持率：91.6%

支持情况：<https://caniuse.com/#feat=css-variables>

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