

The background of the entire image is a vibrant, repeating zig-zag pattern. The pattern consists of multiple rows of interlocking V-shapes. The colors used are bright green, magenta, and purple, creating a high-contrast, energetic visual. The pattern is centered and fills the entire frame.

# Building the Zig-Zag Gradient Lab

@MicheBarks

# codepen.io

CODEPEN

CREATE

- Pen
- Project
- Collection

YOUR

- Dashboard
- Activity
- Assets
- Pinned Items

EXPLORE

- Picks
- Popular
- Following
- Topics

GROW

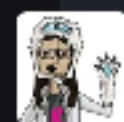
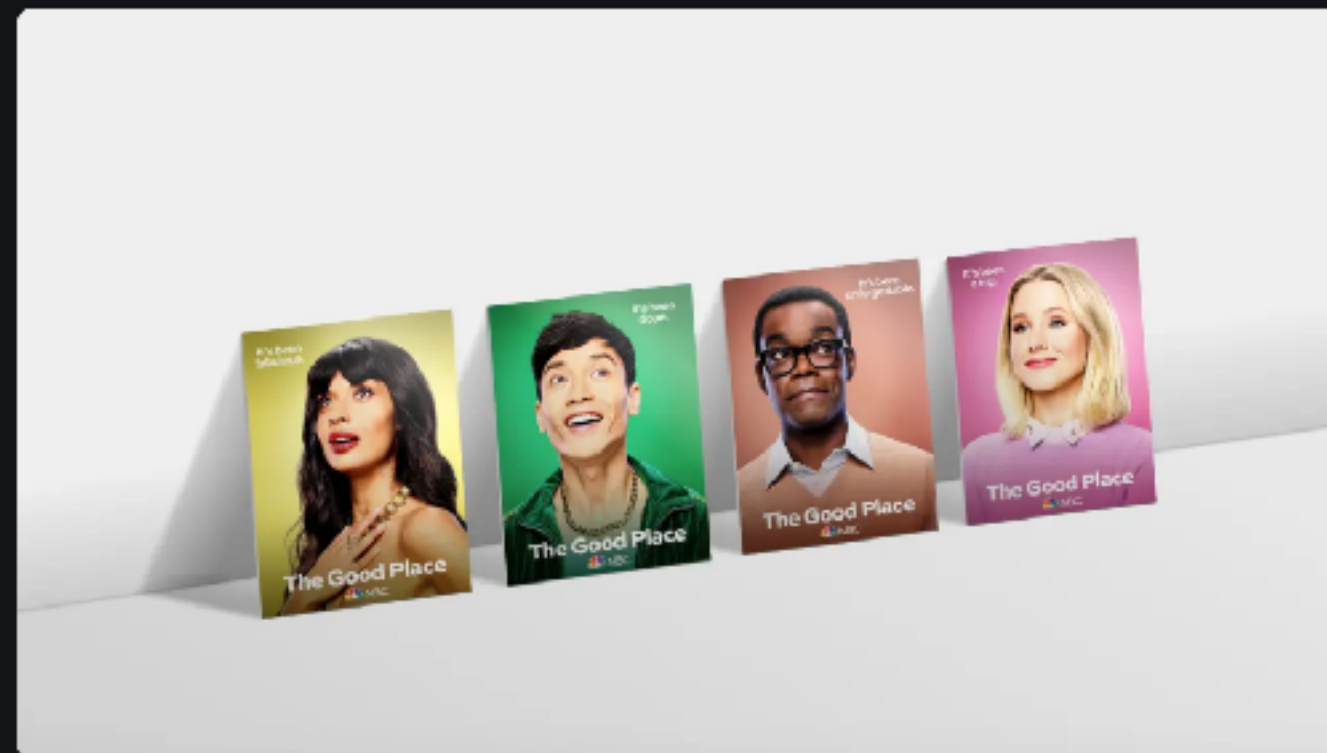
- Jobs
- Challenges

Search CodePen...



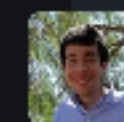
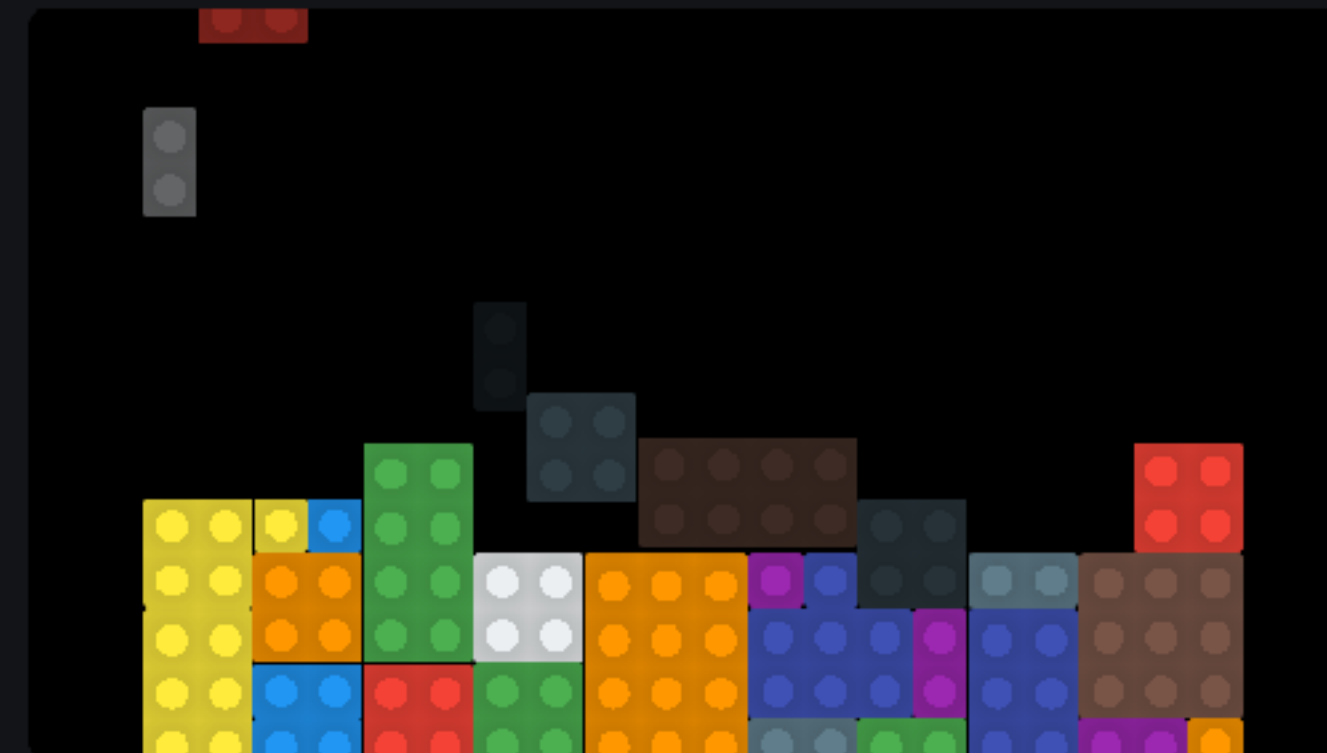
## Picked Pens

[VIEW MORE PENS →](#)



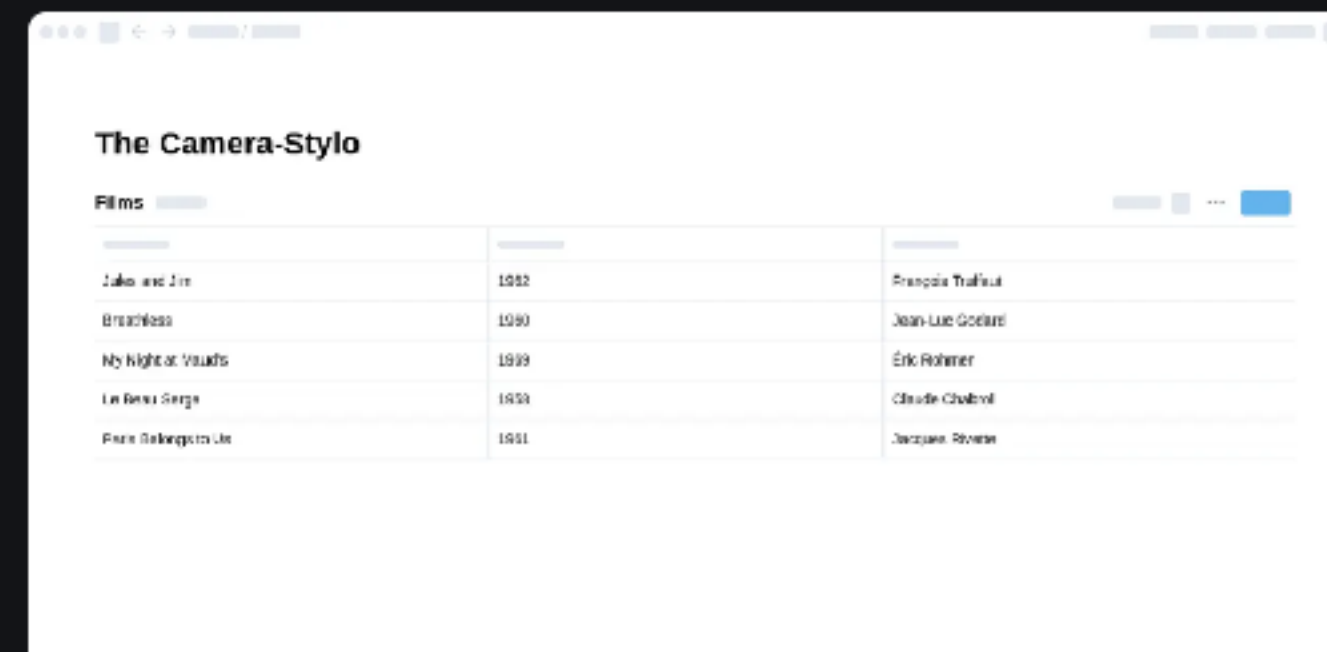
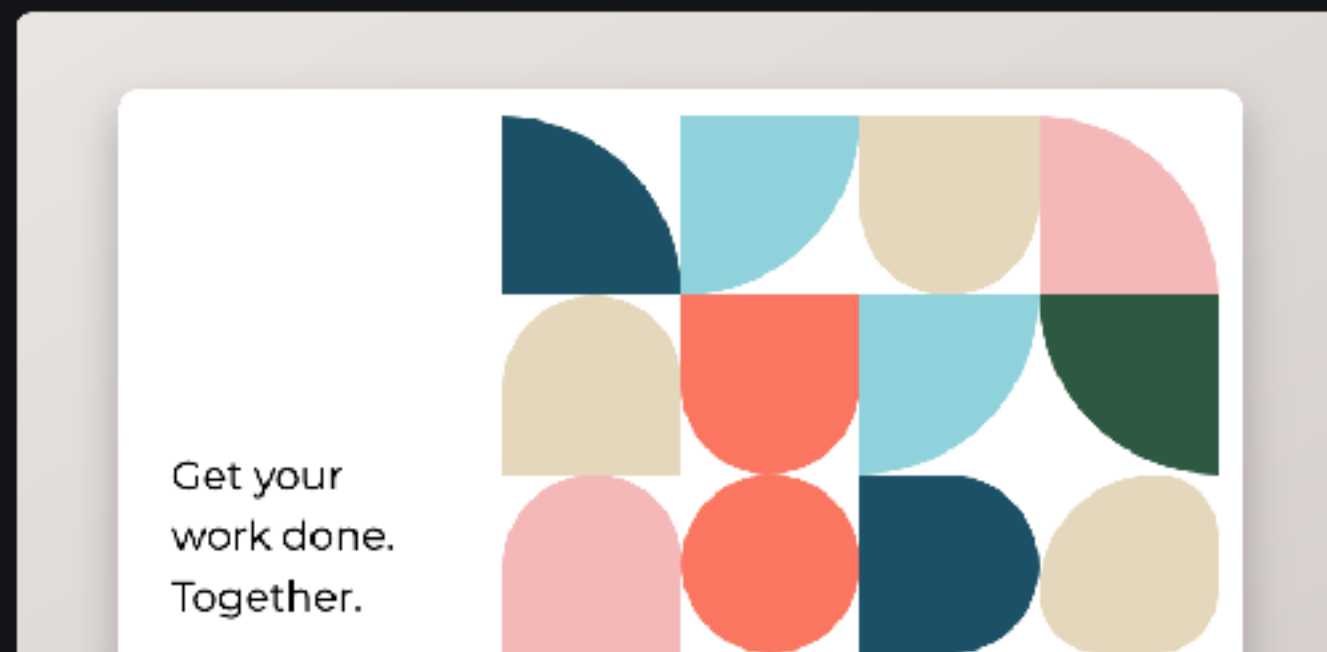
**CSS leaning card effect**

Lynn Fisher **PRO**



**CSS Grid LEGOs**

Bennett Feely



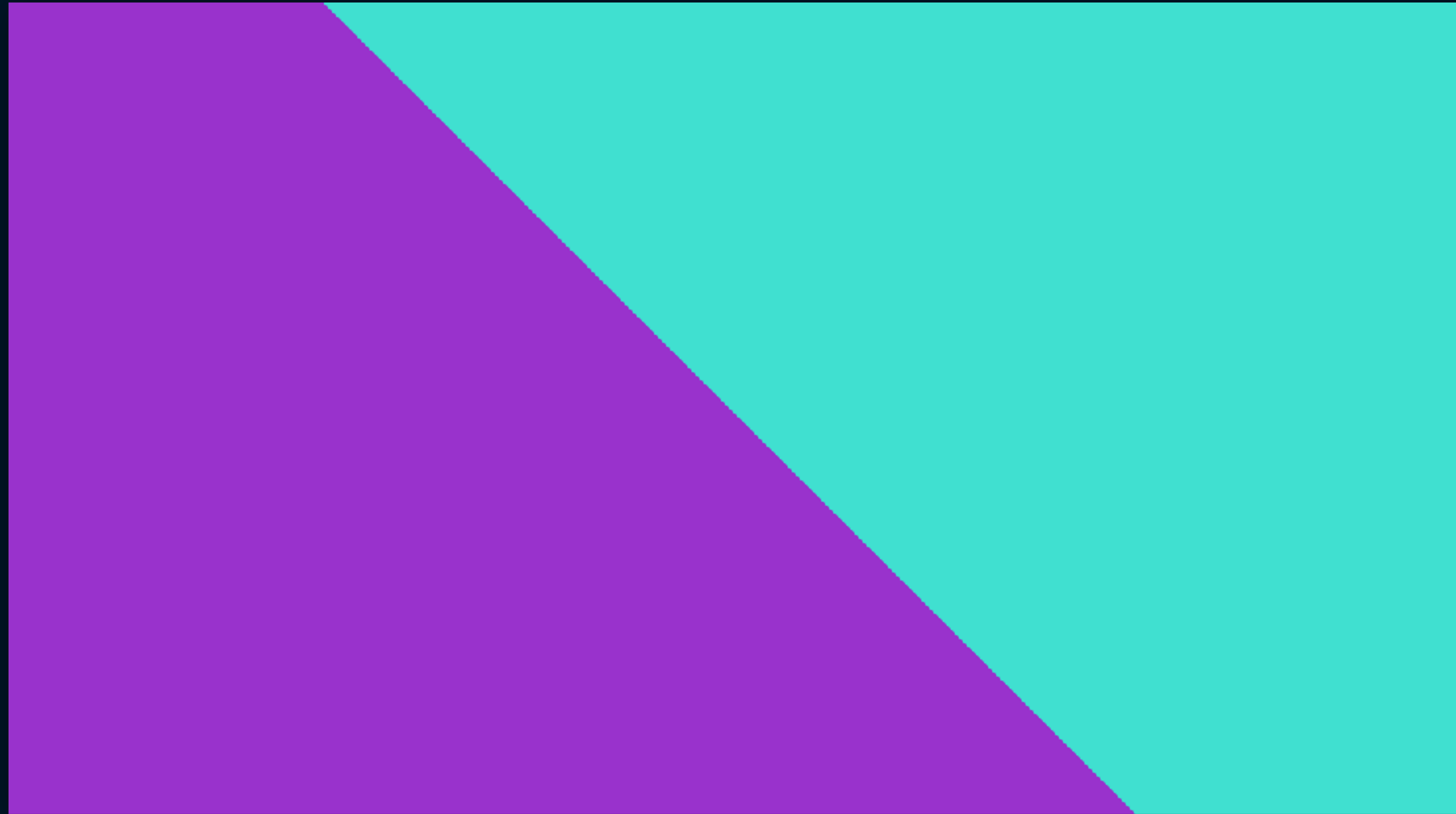
### The Camera-Style

Films

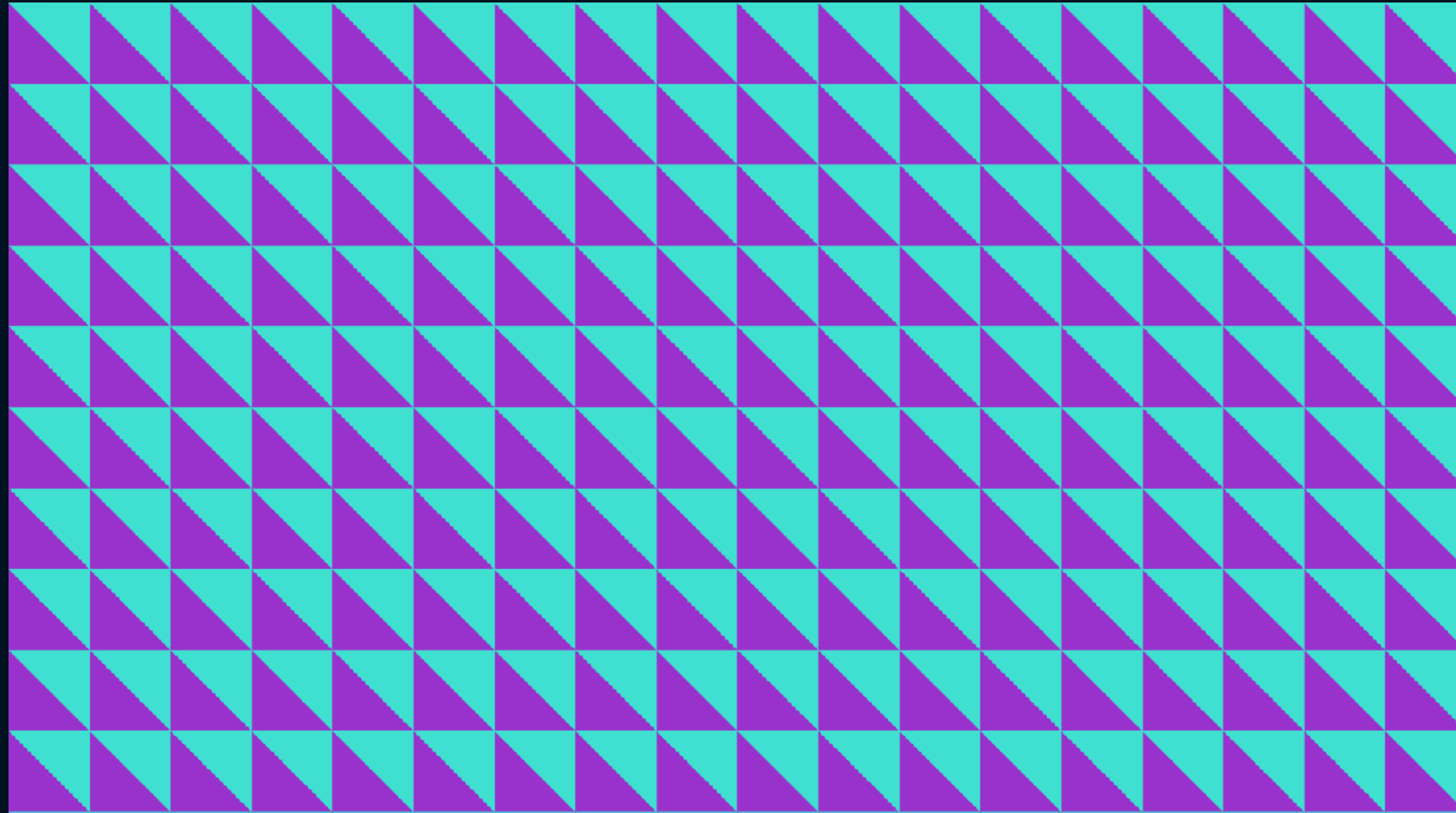
Jules and Jim	1962	François Truffaut
Breachless	1969	Jean-Luc Godard
My Night at Peckham	1999	Eric Rohmer
La Bête Géante	1971	Claude Chabrol
Four Nights at the Chase	1951	Jacques Rivette



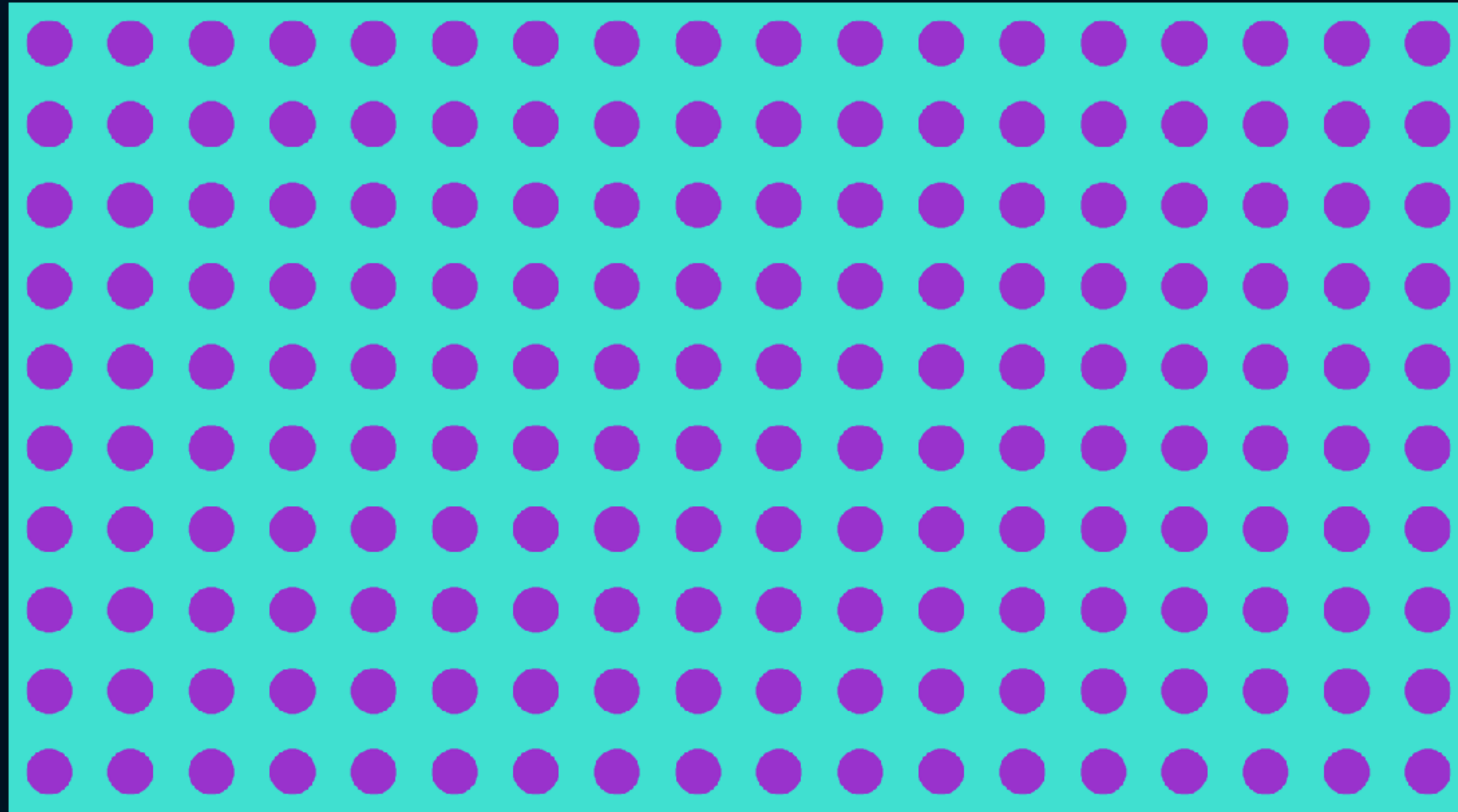
```
background: linear-gradient(45deg, darkorchid 50%, turquoise 50%);
```



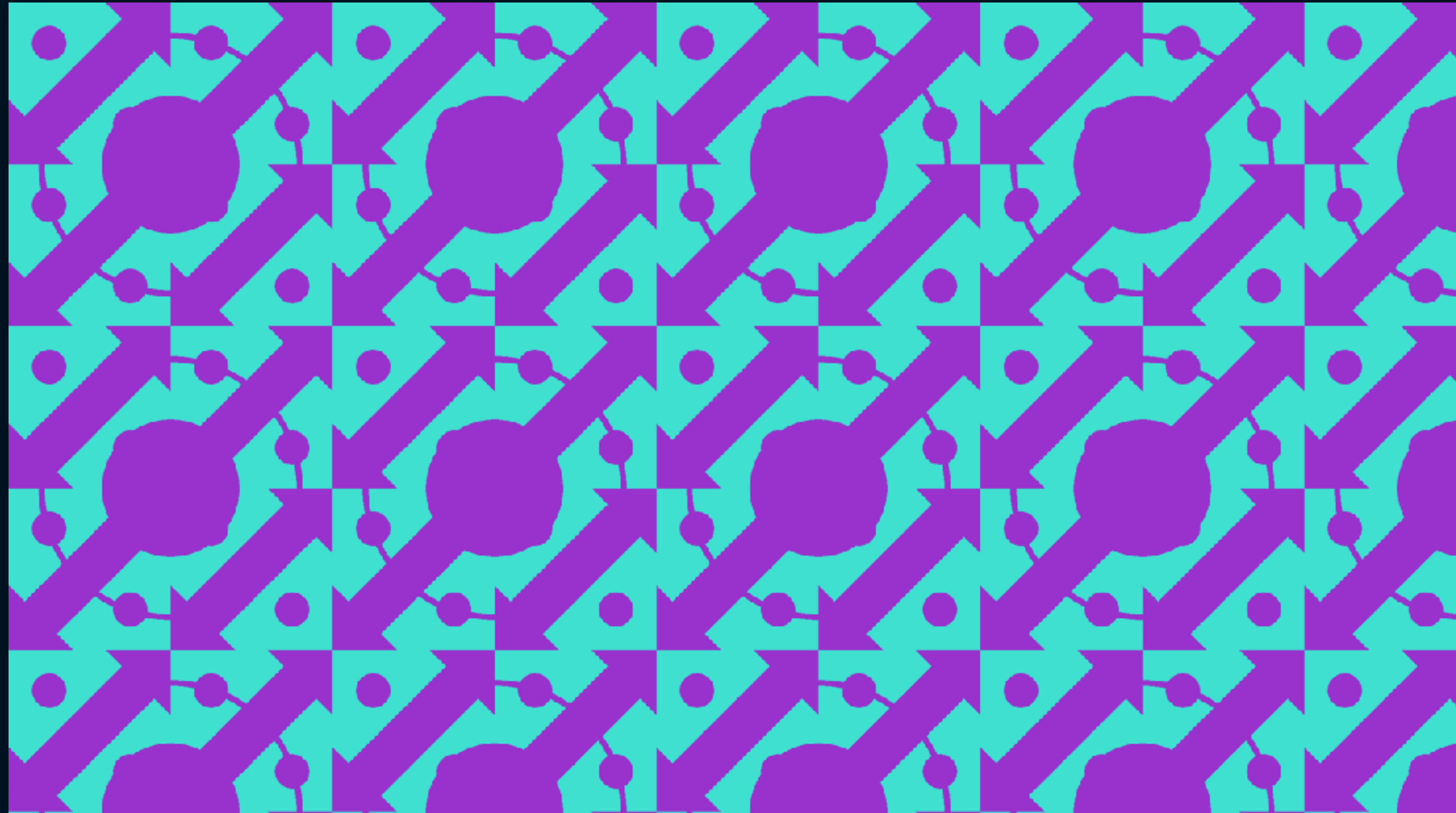
```
background: linear-gradient(45deg, darkorchid 50%, turquoise 50%);  
background-size: 5rem 5rem;
```



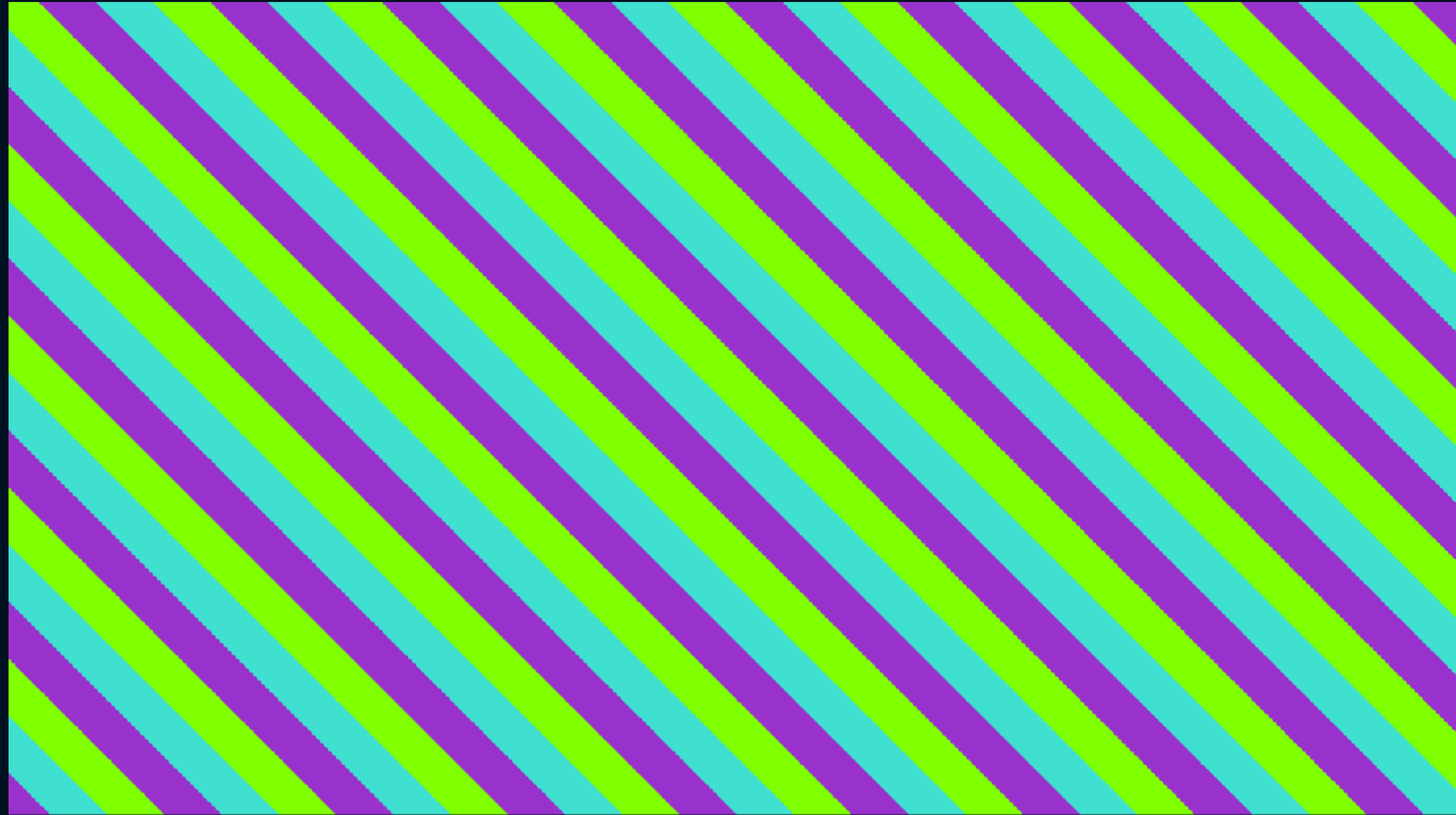
```
background: radial-gradient(darkorchid 40%, turquoise 40%);  
background-size: 5rem 5rem;
```



```
background: radial-gradient(darkorchid 30% ...  
background-size: 20rem 20rem, 5rem 5rem, 10rem 10rem, 10rem 10rem);
```

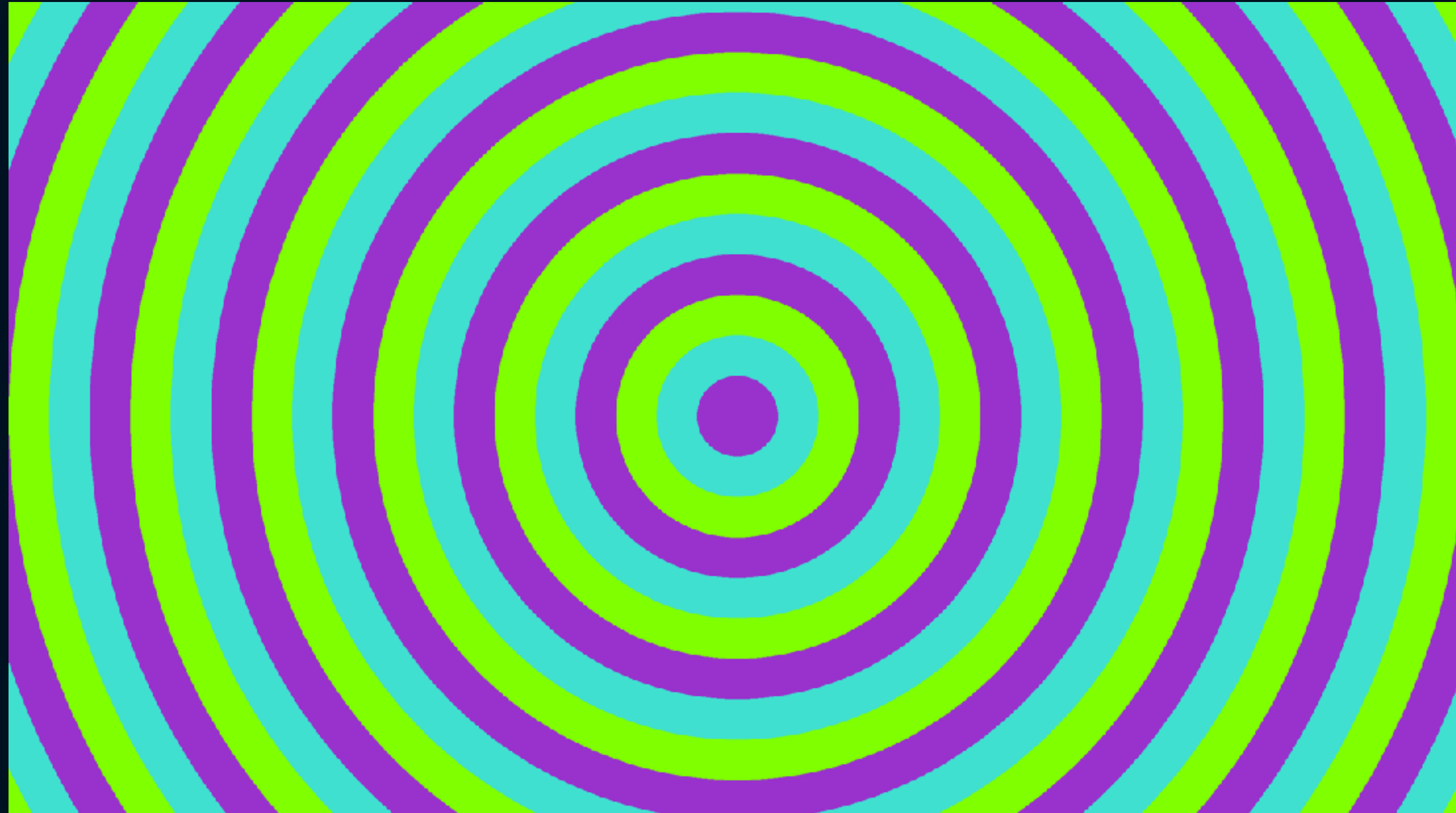


```
background:
  repeating-linear-gradient(45deg, darkorchid, darkorchid 40px,
    turquoise 40px, turquoise 80px, chartreuse 80px, chartreuse 120px);
```

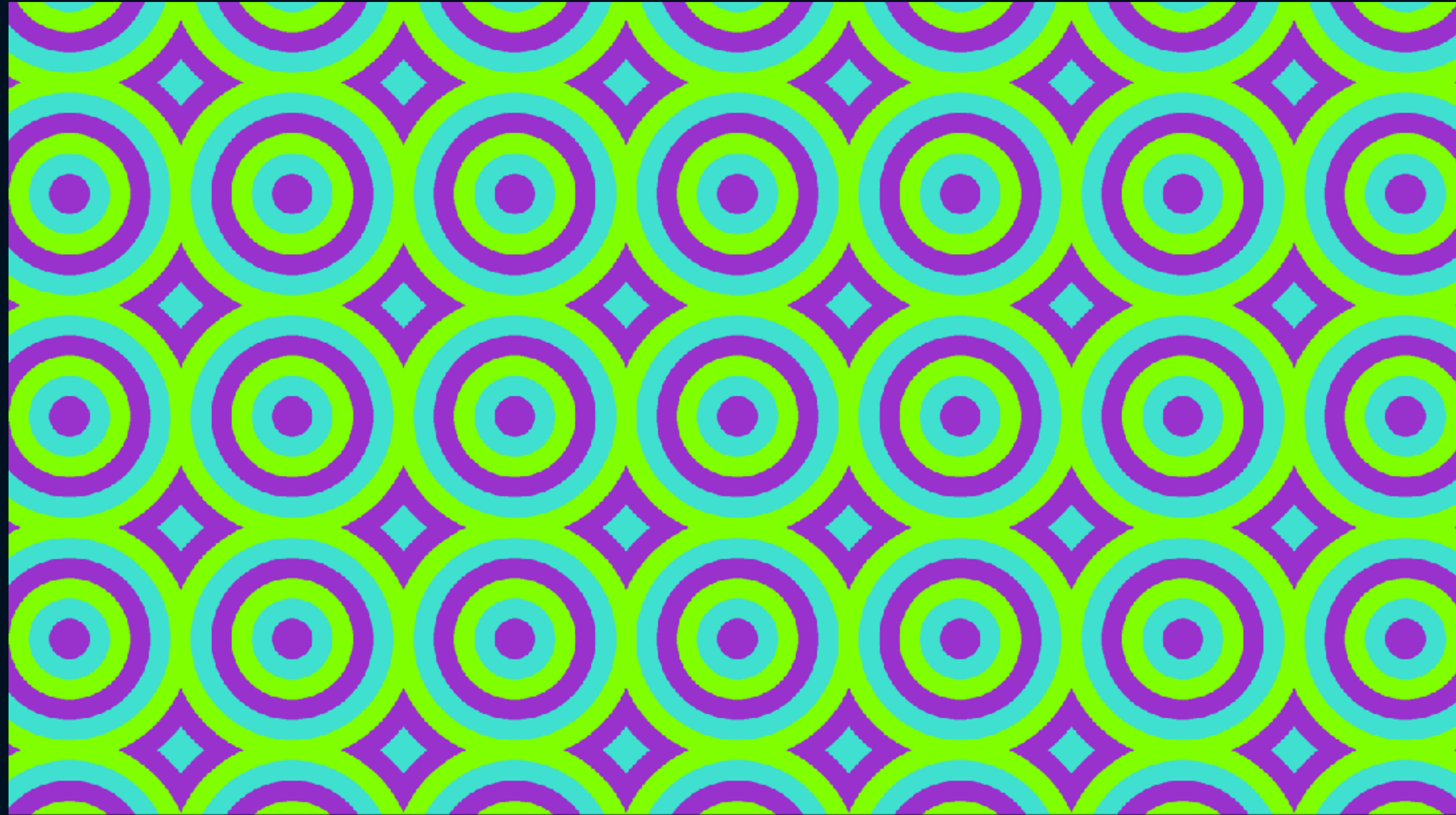


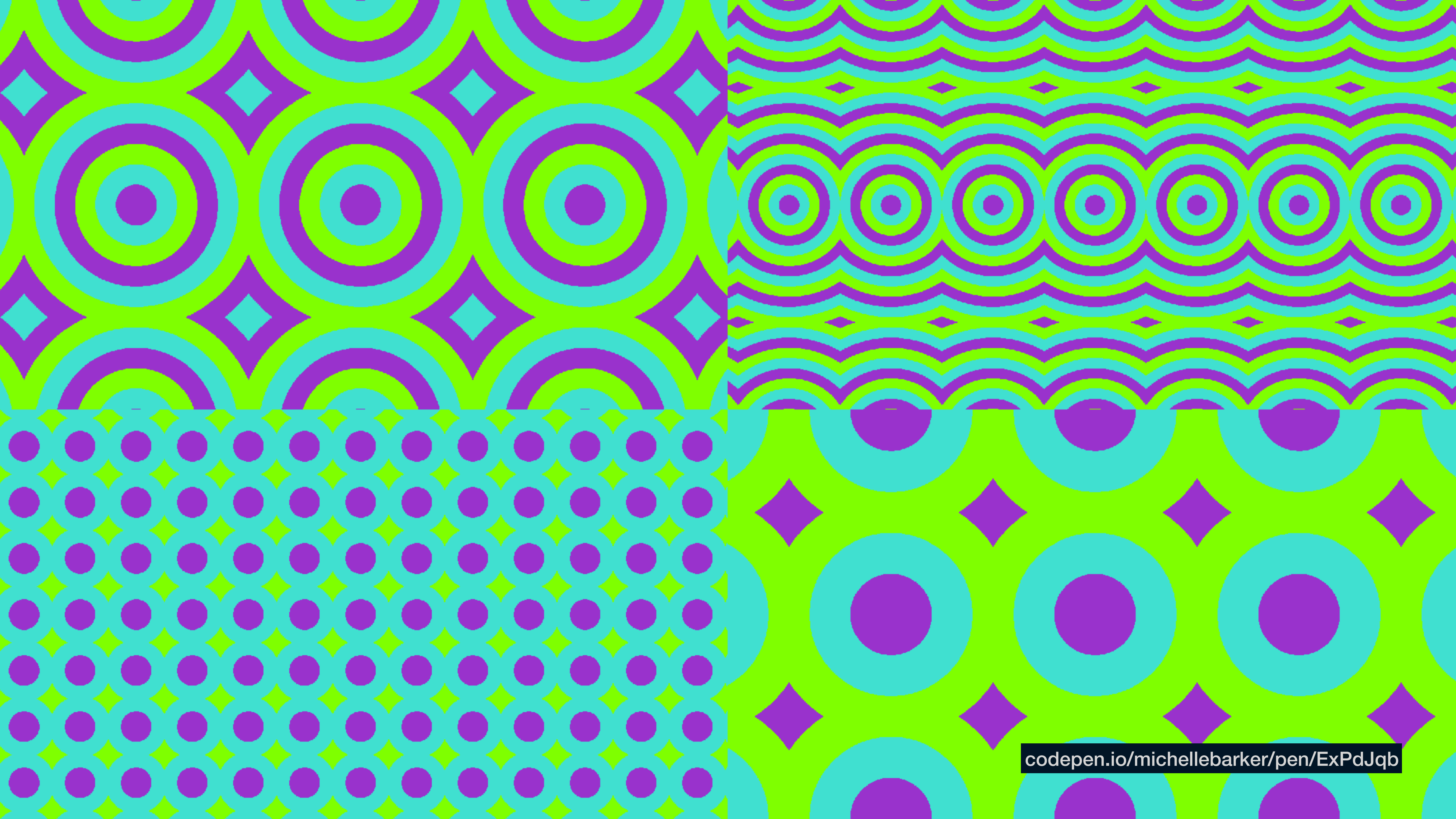


```
background: repeating-radial-gradient(circle at center, darkorchid,  
  darkorchid 40px, turquoise 40px, turquoise 80px, chartreuse 80px,  
  chartreuse 120px);
```



```
background: repeating-radial-gradient(circle at center,...  
background-size: 220px 220px;
```





[codepen.io/michellebarker/pen/ExPdJqb](https://codepen.io/michellebarker/pen/ExPdJqb)

# Procrastination



```
background:
  repeating-linear-gradient(45deg, darkorchid, darkorchid 40px,
    turquoise 40px, turquoise 80px, chartreuse 80px, chartreuse 120px);
background-size: 100px 100%;
```



```
background:  
  repeating-linear-gradient(-45deg, darkorchid, darkorchid 40px,  
    turquoise 40px, turquoise 80px, chartreuse 80px, chartreuse 120px);  
background-size: 100px 100%;
```



```
mask-image:  
  repeating-linear-gradient(to right, black 100px, black 200px,  
    transparent 200px, transparent 300px);
```



```
mask-image:  
  repeating-linear-gradient(to right, black 100px, black 200px,  
  transparent 200px, transparent 300px);
```





leaverou.github.io/css3patterns

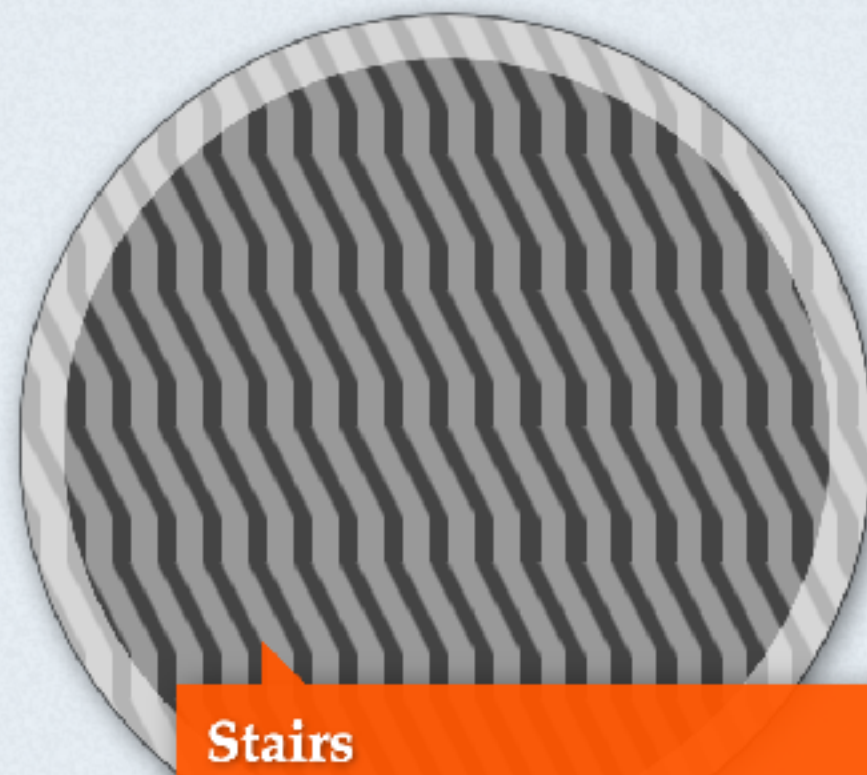
# CSS3 Patterns Gallery

Click on a pattern to expand • Textareas are editable • Browser support • Submit a new one • Github repo • Enjoy!



**Microbial Mat**

by Logan McBroom



**Stairs**

by Logan McBroom



**Half-Rombes**

by Valentin Agachi





```
background: repeating-linear-gradient(45deg,  
darkorchid, darkorchid 40px, turquoise 40px,  
turquoise 80px, chartreuse 80px, chartreuse  
120px);
```

```
background-size: 100px 100%;
```



# Custom Properties

```
--t: 40px;  
--w: 100px;
```

```
background: repeating-linear-gradient(45deg,  
darkorchid, darkorchid var(--t), turquoise  
var(--t), turquoise calc(var(--t) * 2),  
chartreuse calc(var(--t) * 2), chartreuse  
calc(var(--t) * 3));
```

```
background-size: var(--w) 100%;
```



# Custom Properties

```
--t: 40px;  
--w: 100px;
```

```
background: repeating-linear-gradient(45deg,  
darkorchid, darkorchid var(--t), turquoise  
var(--t), turquoise calc(var(--t) * 2),  
chartreuse calc(var(--t) * 2), chartreuse  
calc(var(--t) * 3));
```

```
background-size: var(--w) 100%;
```



# Custom Properties

```
--t: 20px;  
--w: 120px;
```

```
background: repeating-linear-gradient(45deg,  
darkorchid, darkorchid var(--t), turquoise  
var(--t), turquoise calc(var(--t) * 2),  
chartreuse calc(var(--t) * 2), chartreuse  
calc(var(--t) * 3));
```

```
background-size: var(--w) 100%;
```



# Custom Properties

```
--t: 40px;  
--w: 40px;
```

```
background: repeating-linear-gradient(45deg,  
darkorchid, darkorchid var(--t), turquoise  
var(--t), turquoise calc(var(--t) * 2),  
chartreuse calc(var(--t) * 2), chartreuse  
calc(var(--t) * 3));
```

```
background-size: var(--w) 100%;
```



# Custom Properties

```
--t: 40px;  
--w: 40px;  
--angle: 40deg;
```

```
background: repeating-linear-gradient(  
var(--angle), darkorchid, darkorchid var(--  
t), turquoise var(--t), turquoise  
calc(var(--t) * 2), chartreuse calc(var(--t)  
* 2), chartreuse calc(var(--t) * 3));
```

```
background-size: var(--w) 100%;
```





# Custom Properties

```
--t: 40px;  
--w: 40px;  
--angle: 120deg;
```

```
background: repeating-linear-gradient(  
var(--angle), darkorchid, darkorchid var(--  
t), turquoise var(--t), turquoise  
calc(var(--t) * 2), chartreuse calc(var(--t)  
* 2), chartreuse calc(var(--t) * 3));
```

```
background-size: var(--w) 100%;
```

## Zig-zag gradient lab

### Options

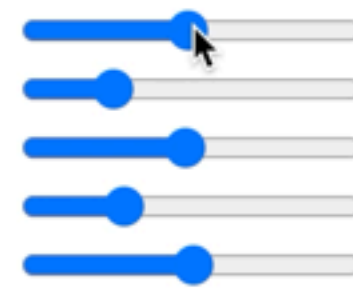
Angle

Stripe thickness

Segment width

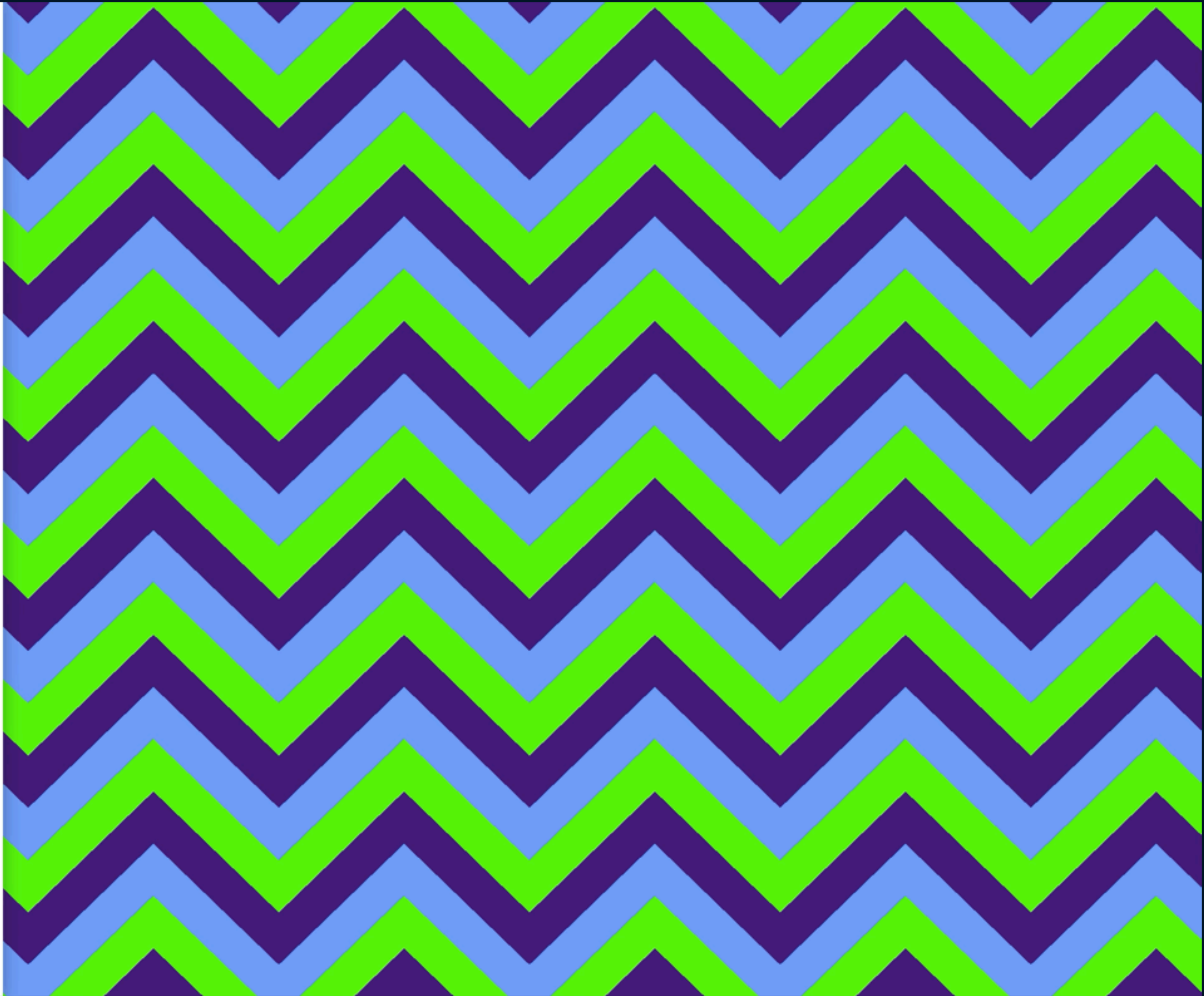
Primary colour

Contrast



### CSS output

```
.bg {  
  background-image: repeating-linear-gradient(44deg,  
  background-size: 100px 100%, 100px 100%;  
}  
  
.bg::after {  
  background-image: repeating-linear-gradient(calc(  
  background-size: 100px 100%, 100px 100%;  
  -webkit-mask-image: repeating-linear-gradient(to  
  mask-image: repeating-linear-gradient(to right,  
}
```



# ✨ Houdini ✨

*...a set of low-level APIs that **exposes parts of the CSS engine**, giving developers the power to **extend CSS** by hooking into the styling and layout process of a **browser's rendering engine***

—MDN

transition: --angle 200ms, --t 200ms, --w 200ms;

## Zig-zag gradient lab

### Options

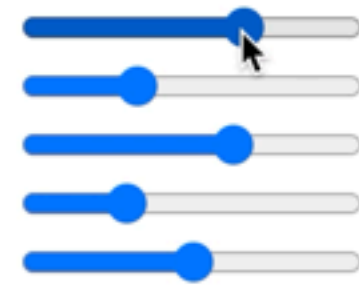
Angle

Stripe thickness

Segment width

Primary colour

Contrast










### CSS output

```
.bg {  
  background-image: repeating-linear-gradient(59deg,  
  background-size: 131px 100%, 131px 100%;  
}  
  
.bg::after {  
  background-image: repeating-linear-gradient(calc(  
  background-size: 131px 100%, 131px 100%;  
  -webkit-mask-image: repeating-linear-gradient(to  
  mask-image: repeating-linear-gradient(to right,  
  )
```



## Is Houdini ready yet?

	 Google Chrome	 Microsoft Edge	 Opera	 Samsung Internet	 Mozilla Firefox	 Apple Safari	 Spec
Engine	Blink				Gecko	WebKit	-
Layout API ( <a href="#">Explainer Demos</a> )	Partial support (Canary) <a href="#">Details</a>	Partial support (Canary) <a href="#">Details</a>	Partial support (Developer) <a href="#">Details</a>	No signal	Intent to implement <a href="#">Details</a>	No signal	First Public Working Draft <a href="#">Spec</a>
Paint API ( <a href="#">Explainer Demos Article</a> )	Shipped (Chrome 65) <a href="#">Details</a>	Shipped (Edge 79) <a href="#">Details</a>	Shipped (Opera 52) <a href="#">Details</a>	Shipped (Internet 9.2) <a href="#">Details</a>	Intent to implement (Servo) <a href="#">Details</a>	In Development <a href="#">Details</a>	Candidate Recommendation <a href="#">Spec</a>
Parser API ( <a href="#">Explainer</a> )	No signal	No signal	No signal	No signal	No signal	No signal	No spec
Properties & Values API ( <a href="#">Demos Article</a> )	Shipped (Chrome 78) <a href="#">Details</a>	Shipped (Edge 79) <a href="#">Details</a>	Shipped (Opera 65) <a href="#">Details</a>	No signal	In Development <a href="#">Details</a>	Partial support (Safari TP 67) <a href="#">Details</a>	Working Draft <a href="#">Spec</a>
AnimationWorklet ( <a href="#">Explainer Demos Article</a> )	Partial support (Chrome 71) <a href="#">Details</a>	Partial support (Edge 79)	Partial support (Opera 58)	Partial support (Internet 10.2 Beta)	No signal	No signal	First Public Working Draft <a href="#">Spec</a>
	Shipped	Shipped	Shipped	Shipped			

## Zig-zag gradient lab

### Options

Angle



Stripe thickness



Segment width



Primary colour

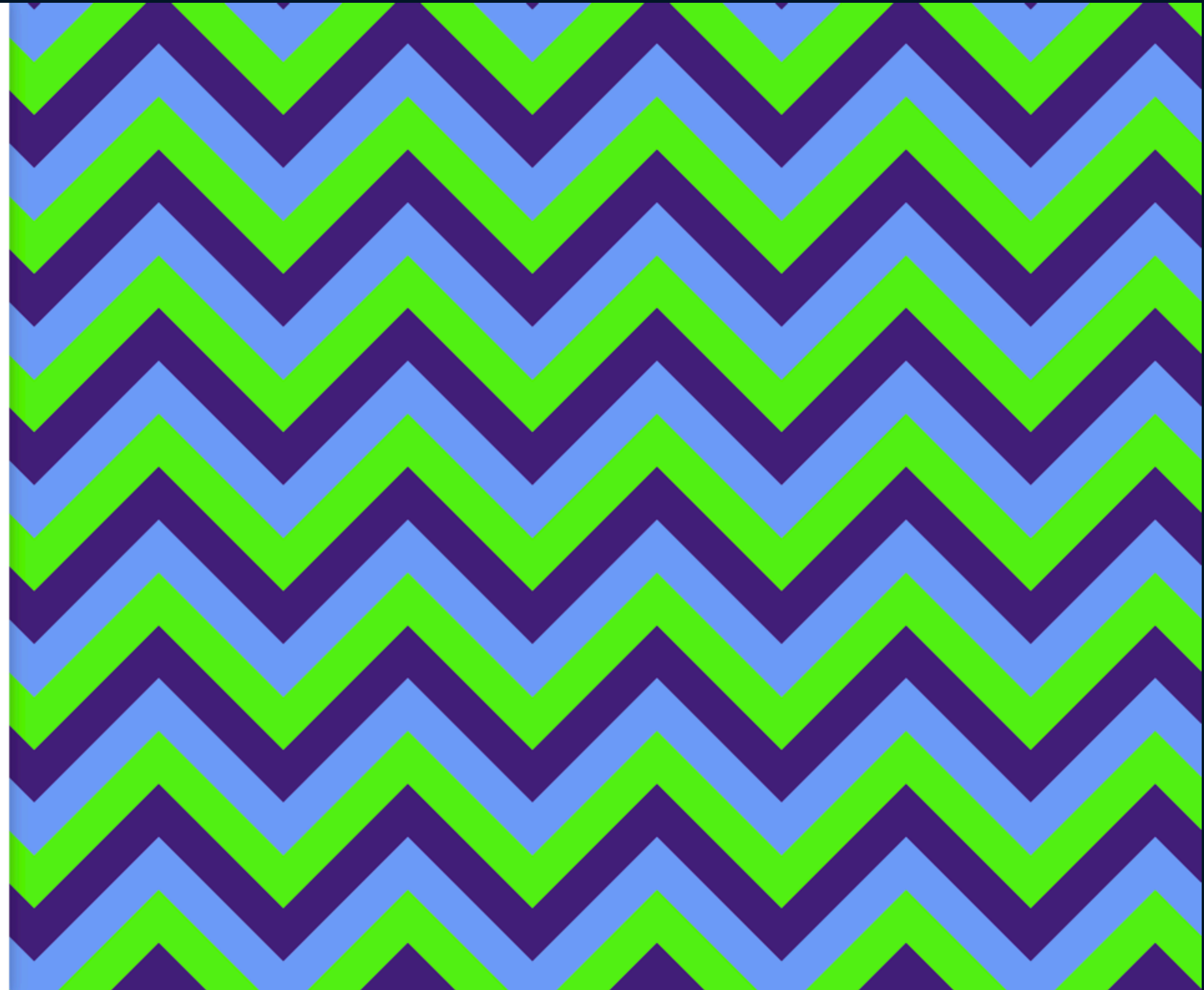


Contrast



### CSS output

```
.bg {  
  background-image: repeating-linear-gradient(45deg,  
  background-size: 100px 100%, 100px 100%;  
}  
  
.bg::after {  
  background-image: repeating-linear-gradient(calc(  
  background-size: 100px 100%, 100px 100%;  
  -webkit-mask-image: repeating-linear-gradient(to  
  mask-image: repeating-linear-gradient(to right,  
}
```



**Hue**

**Saturation**

**Lightness**

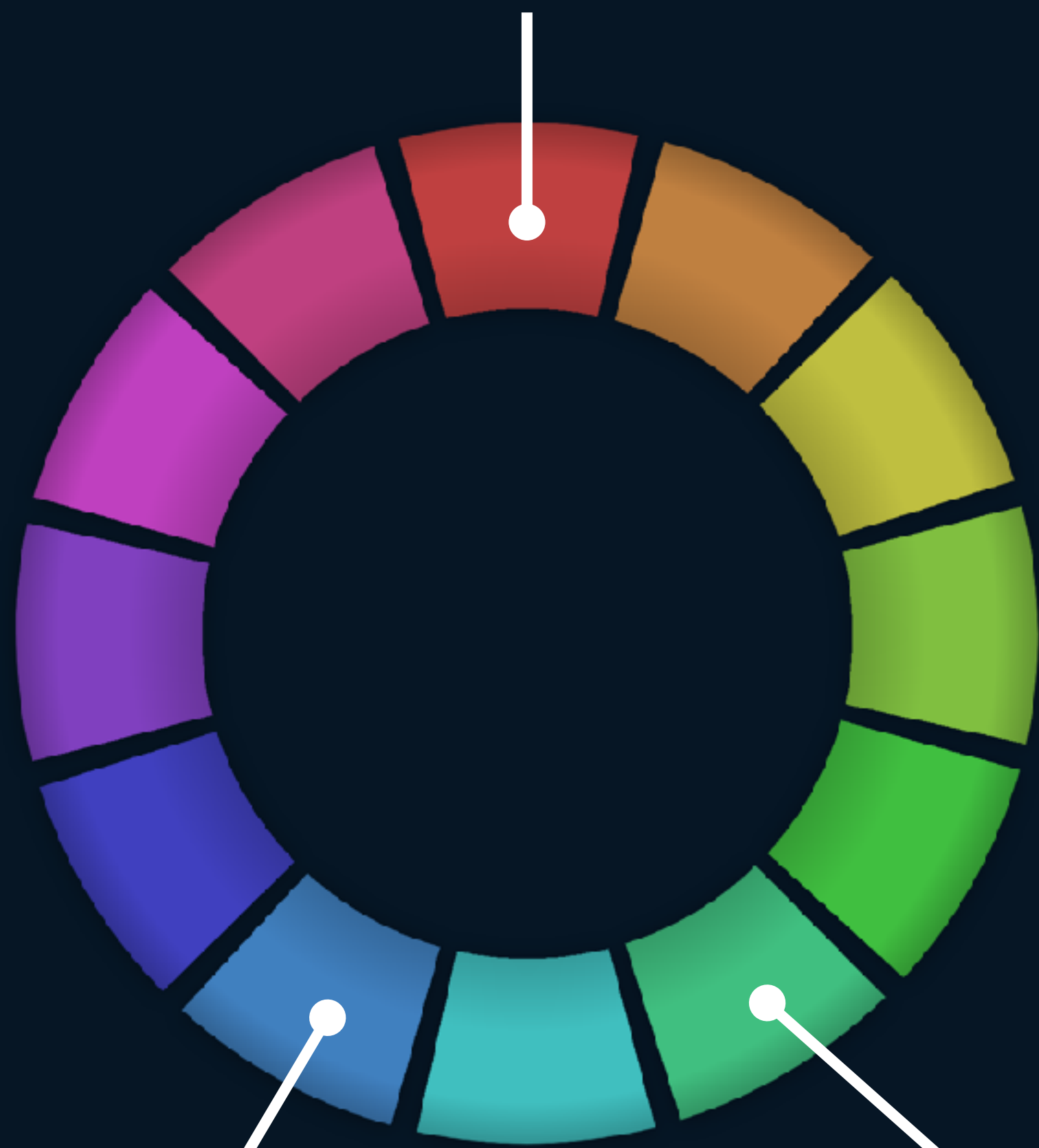
```
--color1: hsl(var(--h1), 90%, 50%);
```



```
--h1: 0deg;
```



```
--h1: 0deg;
```



```
--h2: calc(var(--h1) + calc(180deg - 30deg))
```

```
--h3: calc(var(--h1) + calc(180deg + 30deg))
```

## Zig-zag gradient lab

### Options

Angle



Stripe thickness



Segment width



Primary colour

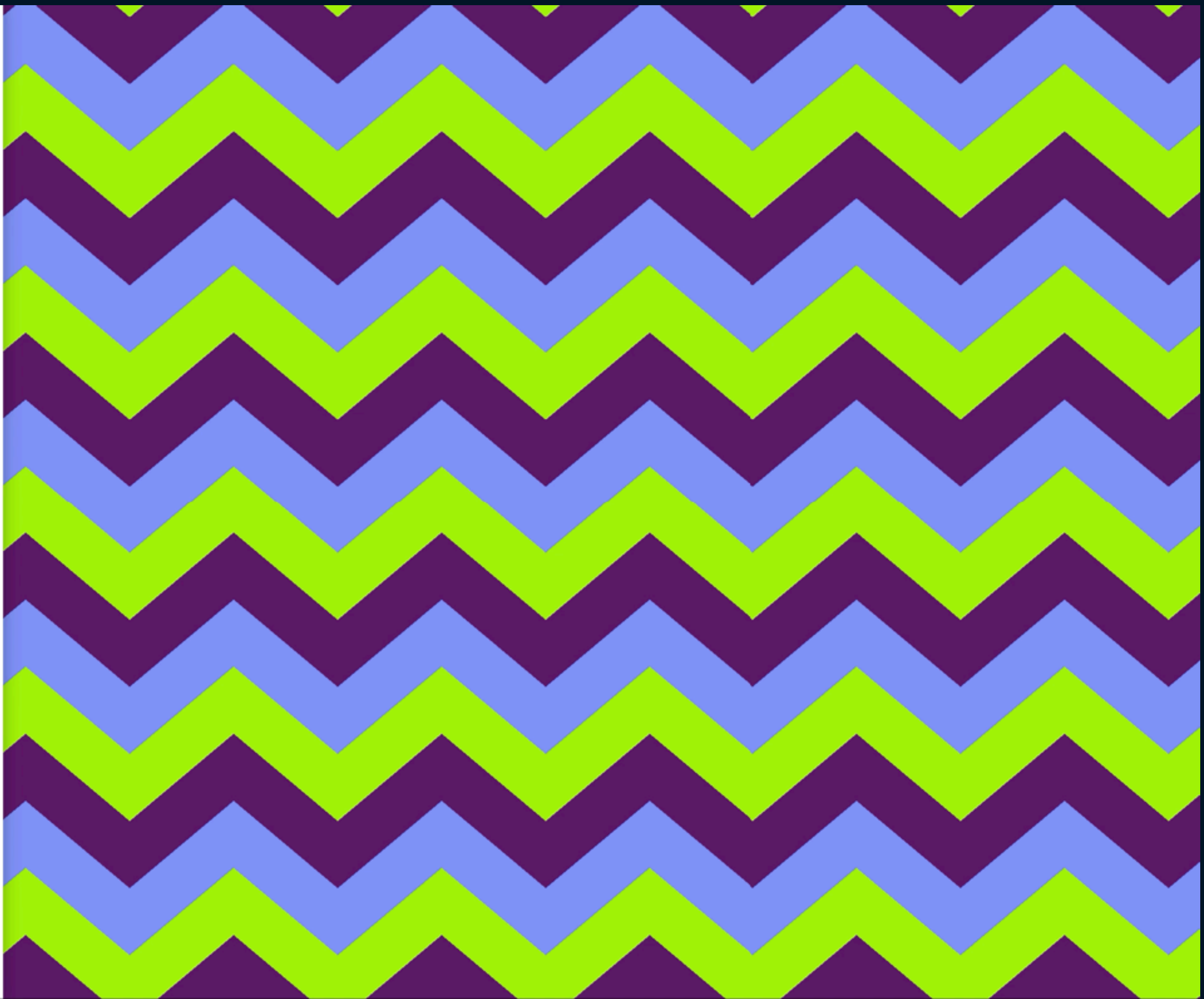


Contrast



### CSS output

```
.bg {  
  background-image: repeating-linear-gradient(40deg,  
  background-size: 83px 100%, 83px 100%;  
}  
  
.bg::after {  
  background-image: repeating-linear-gradient(calc(  
  background-size: 83px 100%, 83px 100%;  
  -webkit-mask-image: repeating-linear-gradient(to  
  mask-image: repeating-linear-gradient(to right,  
  )
```



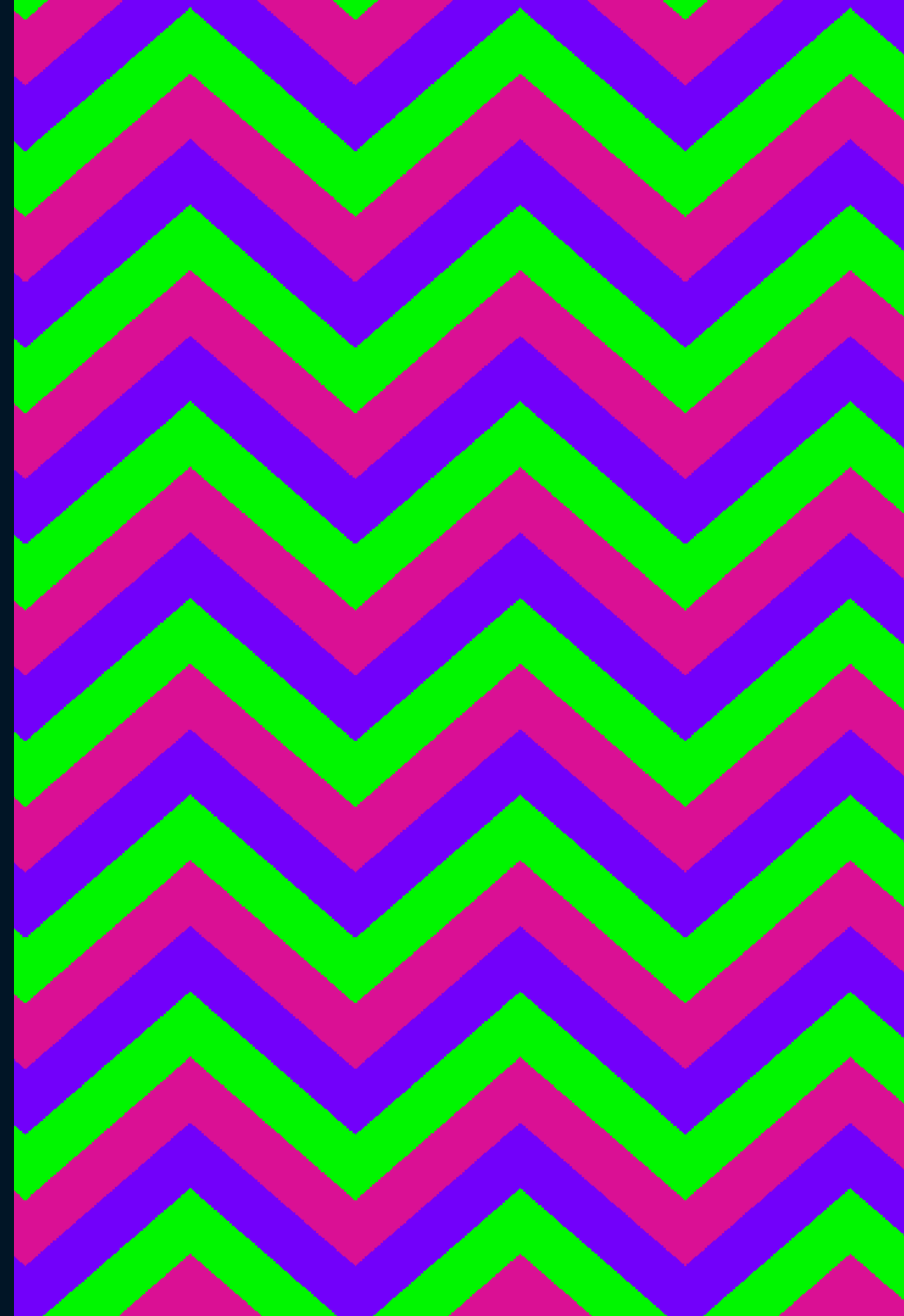
# localStorage

```
localStorage.setItem('angle', '45')
```

# localStorage

```
localStorage.getItem('angle')
```

[codepen.io/michellebarker/pen/abdKLLz](https://codepen.io/michellebarker/pen/abdKLLz)



**CSS { In Real Life }**

**css-irl.info**

**@MicheBarks / @CSSInRealLife**

