

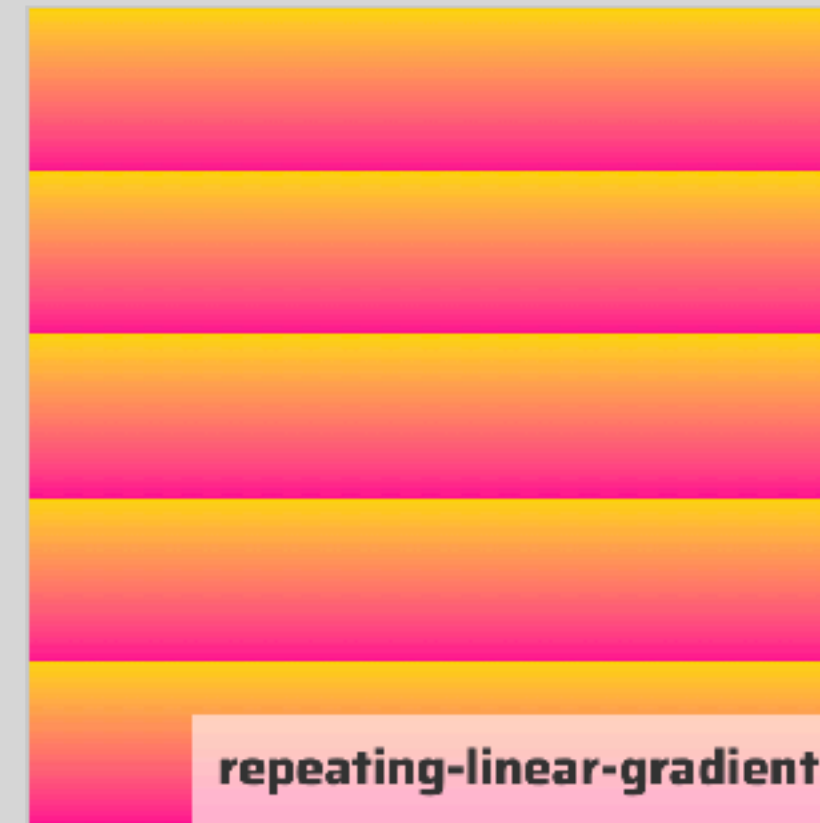
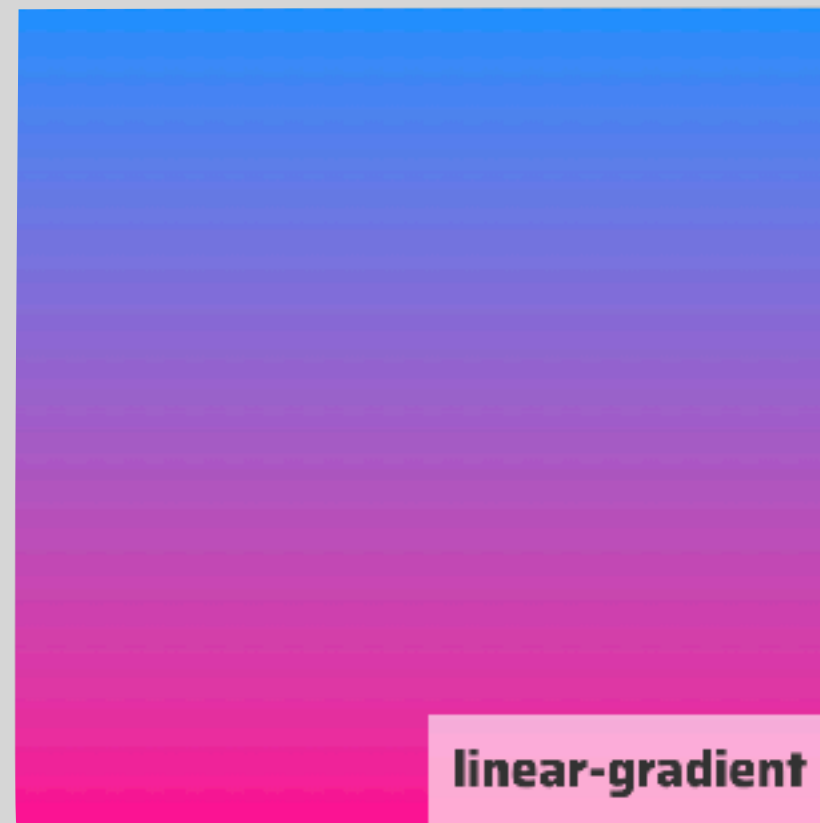
CSS challenge #3

GRADIENTS

intro

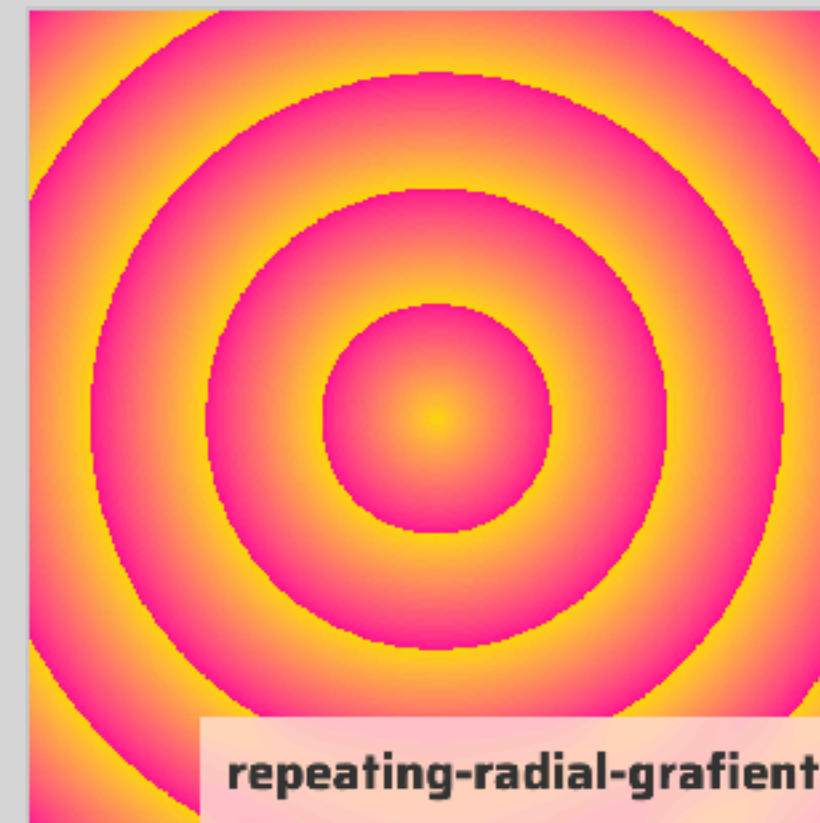
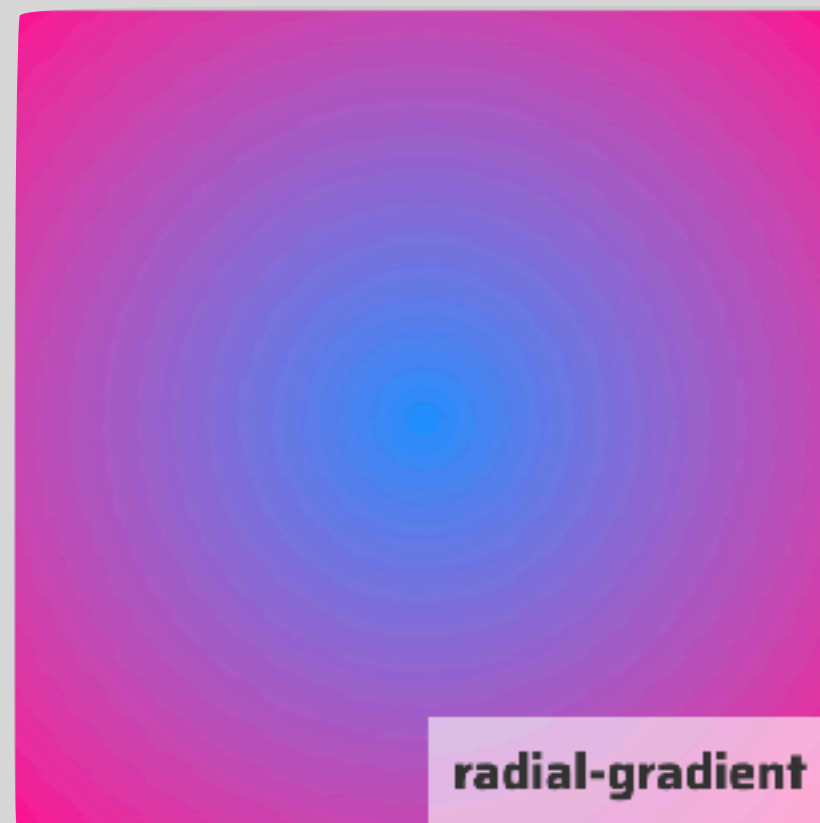
6 smaken gradients

```
background-image:  
  linear-gradient(  
    dodgerblue,  
    deeppink  
  );
```



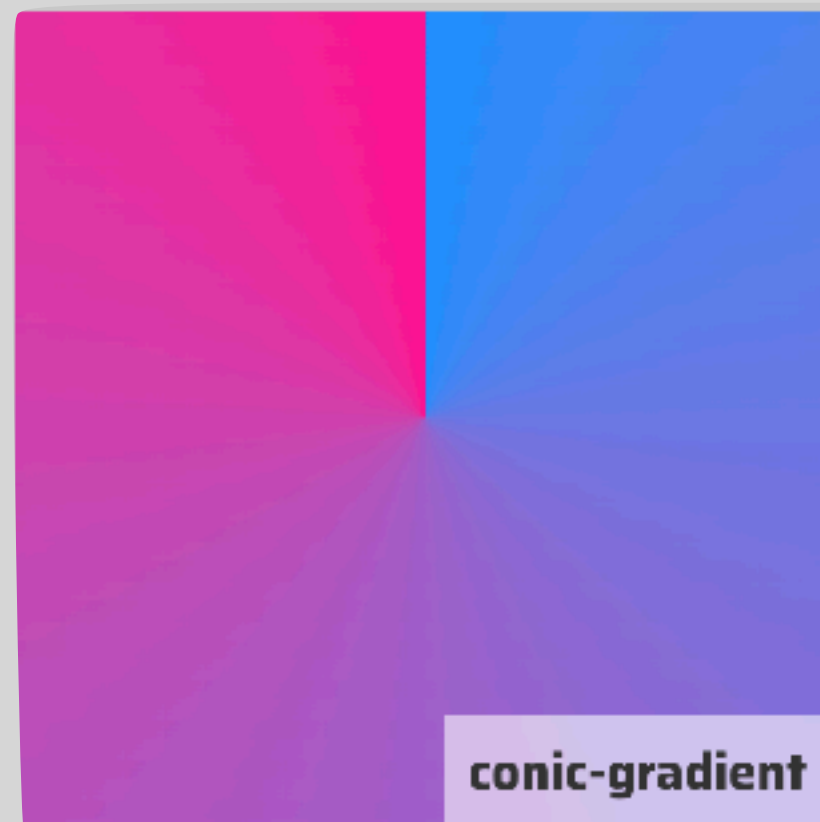
```
background-image:  
  repeating-linear-gradient(  
    gold 0%,  
    deeppink 20%  
  );
```

```
background-image:  
  radial-gradient(  
    dodgerblue,  
    deeppink  
  );
```



```
background-image:  
  repeating-radial-gradient(  
    gold 0%,  
    deeppink 20%  
  );
```

```
background-image:  
  conic-gradient(  
    dodgerblue,  
    deeppink  
  );
```



```
background-image:  
  repeating-conic-gradient(  
    gold 0%,  
    deeppink 20%  
  );
```

backgrounds backgrounds backgrounds

Nb. Vergeet deze Pen niet te Fork-en, zodat je met je eigen kopie aan de slag gaat (knopje rechtsonder).

DEMO

HTML

```
1 <header>
2   <h1>backgrounds backgrounds backgrounds</h1>
3   <p>Nb. Vergeet deze Pen niet te Fork-en, zodat je met
    je eigen kopie aan de slag gaat (knopje rechtsonder).
    </p>
4 </header>
5
6 <main>
7   <ul>
8     <li></li>
```

CSS

```
@import
url('https://codepen.io/shooft/pen/NWeBEEL.css');
2
3 /* KLEURTJES */
4 :root {
5   --rood:crimson;
6   --oranje:darkorange;
7   --geel:gold;
8   --groen:#3a0;
9   --blauw:dodgerblue;
10  --donkerblauw:#048;
11  --paars:purple;
12  --bruin:brown;
```

JS



20px

Classic (Light Background)

Console

Display URL

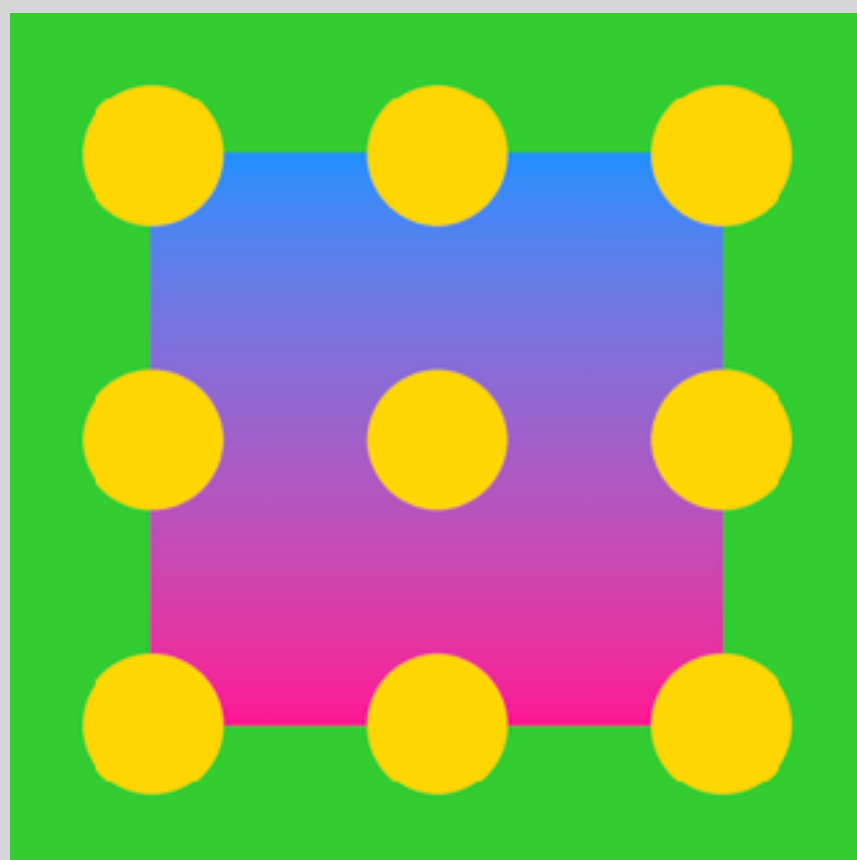
Assets

0.25×

0.5×

1.0×

multiple gradients



De achtergrond-**kleur** is de **onderste laag**.

background-color:

```
limegreen;
```

Daarbovenop de **background-images** van onder naar **boven**

background-image:

```
radial-gradient(  
  gold 35%,  
  transparent 35%
```

```
),
```

```
linear-gradient(  
  dodgerblue,  
  deeppink
```

```
);
```

background-size:

```
calc(100% / 3) calc(100% / 3),  
67% 67%;
```

background-repeat:

```
repeat,  
no-repeat;
```

background-position:

```
left top,  
center center;
```

Elke property dubbel met een **komma** ertussen en een puntkomma op het eind.

linear-gradient



angle

background-image:

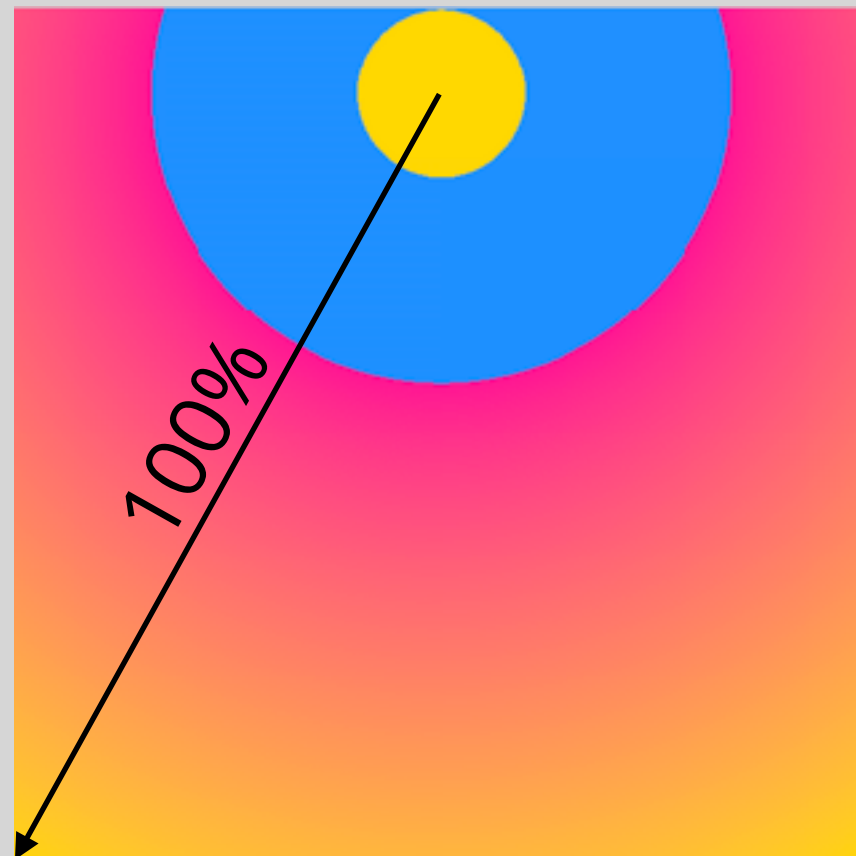
```
linear-gradient(  
  45deg,  
  deeppink,  
  dodgerblue 40%,  
  gold 40% 12em,  
  deeppink 12em,  
  dodgerblue  
);
```

color-stop

dubbele
color-stop

length of
percentage

radial-gradient



shape

background-image:

```
radial-gradient(  
  circle at 50% 10%,  
  gold 2em,  
  dodgerblue 2em 33%,  
  deeppink 33%,  
  gold  
);
```

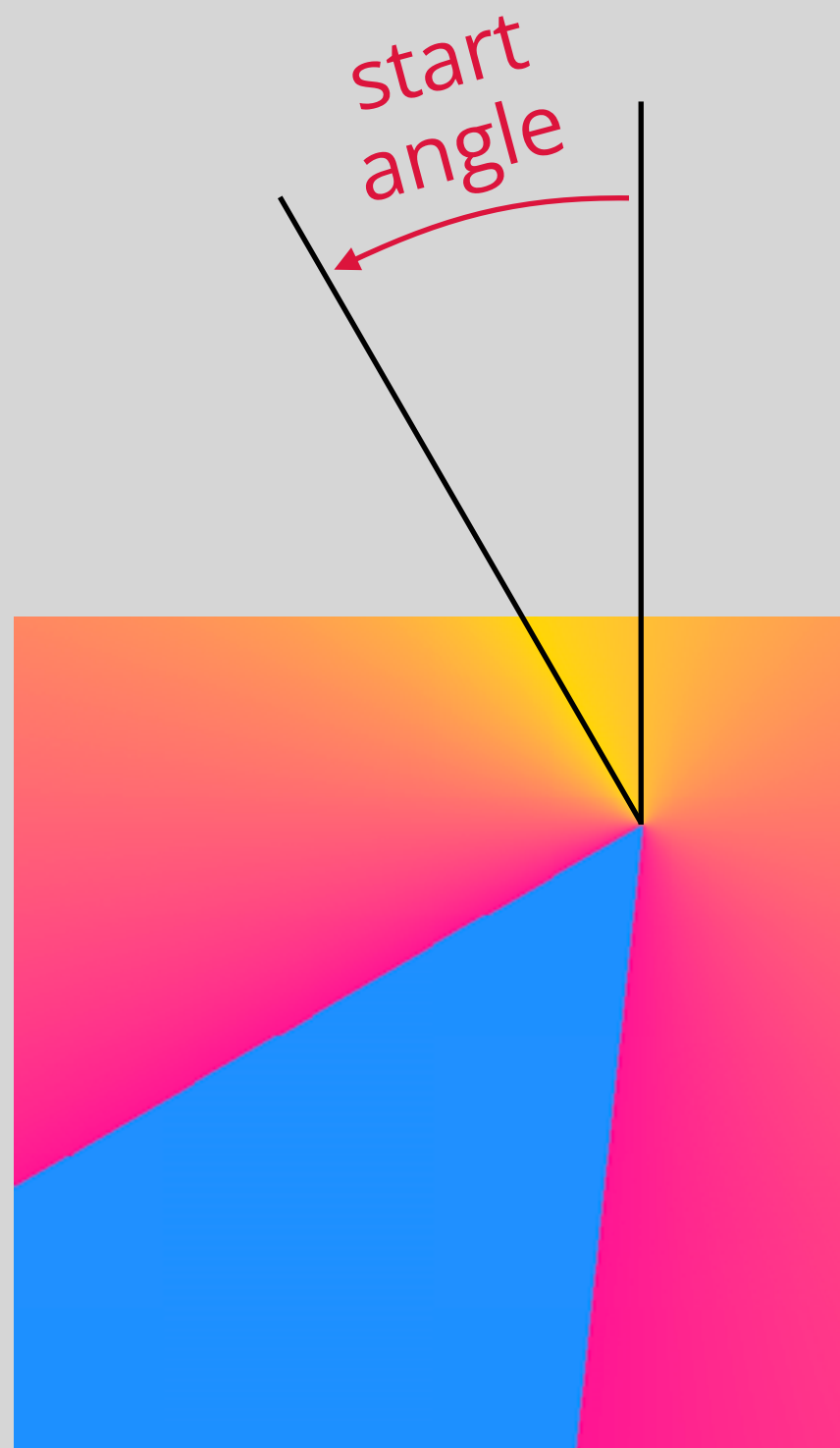
middelpunt
van de
gradient

color-stop

dubbele
color-stop

length of
percentage

conic-gradient



start
angle

background-image:

```
conic-gradient(  
  from -30deg at 75% 25%,  
  gold,  
  deeppink 60%,  
  dodgerblue 60% 270deg,  
  deeppink 270deg,  
  gold  
);
```

middelpunt
van de
gradient

color-stop

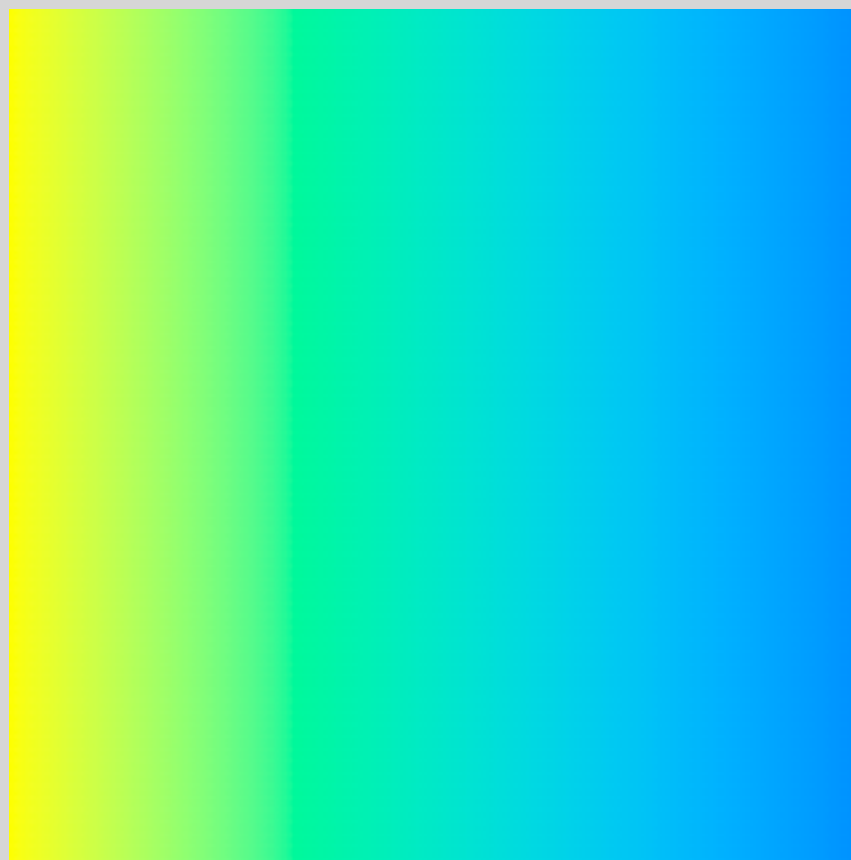
dubbele
color-stop

lengte of
graden

mooie gradient



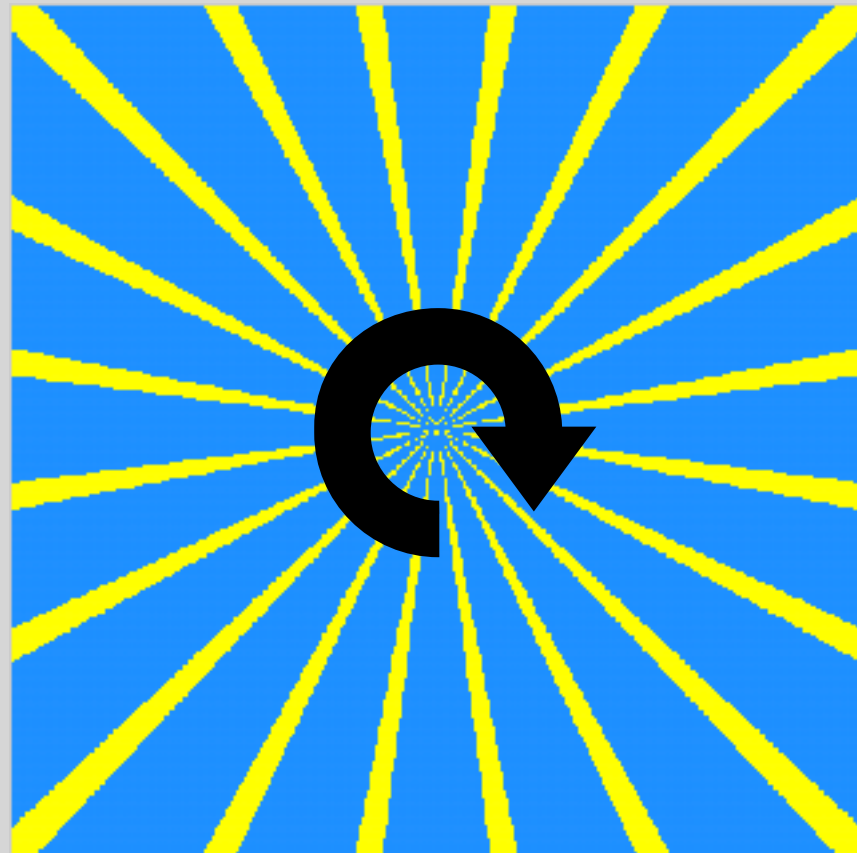
```
background-image:  
  linear-gradient(  
    90deg,  
    yellow,  
    dodgerblue  
  );
```



```
background-image:  
  linear-gradient(  
    90deg in oklch,  
    yellow,  
    dodgerblue  
  );
```

voeg een high-def
color space toe

animeren met @property



```
li {  
  background-image:  
    repeating-conic-gradient(  
      from var(--angle, 0deg),  
      dodgerblue 0 2%,  
      yellow 0 3%,  
      dodgerblue 0 5%  
    );  
  animation:--angle-ani 2s ease-in-out infinite alternate;  
}
```

de hoek van waar
de conic-gradient
begint

een variabele met
een fallback voor als
--angle niet bestaat

```
@keyframes --angle-ani {  
  0% {  
    --angle:0deg;  
  }  
  100% {  
    --angle:360deg;  
  }  
}
```

--angle animeren werkt
niet zomaar, omdat de
browser niet weet wat
--angle is :(

```
@property --angle {  
  syntax:"<angle>";  
  inherits:true;  
  initial-value:0deg;  
}
```

met @property kun je
de browser leren wat
voor type een custom
property is - en dan
kun je wel animeren :)

intro!

EVADIENTS

с22 сүгүлүмдүгү #3