

Converting Colors

RGB(140, 227, 234)

Have a look what the booklet for
RGB(140, 227, 234) contains.

RGB(140, 227, 234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(140, 227, 234)

Conversions

Conversions Part 1

Format	Color
Hex	8CE3EA
RGB	140, 227, 234
RGB Percent	55%, 89%, 92%
CMY	0.4510, 0.1098, 0.0824
CMYK	0.40, 0.03, 0.00, 0.08
HSL	184°, 69%, 73%
HSV	184°, 40%, 92%
XYZ	53.1356, 66.4541, 87.8683
YIQ	201.7850, -54.0990, -16.2670

Conversions

Conversions Part 2

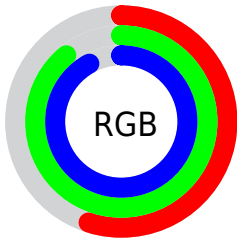
Format	Color
RYB	140, 185, 234
Decimal	9233386
CIELab	85.23, -24.43, -11.67
CIELCh	85, 27.077, 205.538
Yxy	66.4541, 0.2561, 0.3203
Android (android.graphics.Color)	4287423466 (0xFF8CE3EA)
YUV	201.7850, 15.8820, -54.1854
Hunter-Lab	81.5194, -26.3099, -6.8440

Details

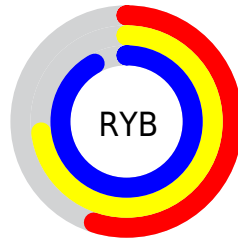
The RGB color **140, 227, 234** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **234, 147, 140**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **197, 255, 255**, and **83, 171, 178** is the 20% darker color. If you saturate the color by 10%, you get **117, 225, 234**, and if you desaturate by 10%, it is **163, 229, 234**.

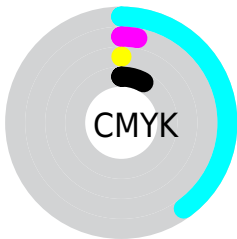
Distribution



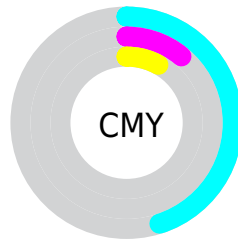
- Red (55%)
- Green (89%)
- Blue (92%)



- Red (55%)
- Yellow (73%)
- Blue (92%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 227, 234 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 140, 227, 234 by changing the saturation by 10% instead.


 140, 227, 234


255, 255, 255


 197, 255, 255


 227, 255, 255

 140, 227, 234

 112, 199, 206

 83, 171, 178

 53, 145, 152

 10, 119, 126

 0, 94, 101

 0, 70, 77

 0, 47, 54

 0, 28, 33

 0, 0, 8

■ 140, 227, 234

■ 140, 227, 234

■ 117, 225, 234

■ 163, 229, 234

■ 93, 224, 234

■ 187, 230, 234

■ 70, 222, 234

■ 210, 232, 234

■ 46, 220, 234

■ 234, 234, 234

■ 23, 218, 234

■ 255, 236, 234

■ 0, 217, 234

■ 255, 237, 234

■ 255, 239, 234

■ 255, 241, 234

■ 255, 243, 234

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



153, 227, 208



140, 227, 234



149, 223, 254

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



140, 227, 234



242, 200, 242



236, 210, 162

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



140, 227, 234



234, 147, 140

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 202, 172



140, 227, 234



255, 195, 218

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



140, 227, 234



212, 208, 255



255, 196, 192



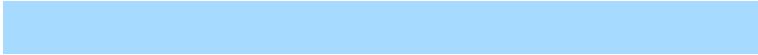
209, 218, 166

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



140, 227, 234



166, 219, 255



255, 196, 192



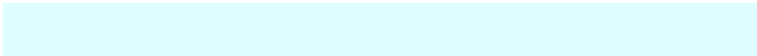
244, 207, 164

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



140, 227, 234



224, 253, 255



140, 234, 146



110, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



140, 227, 234



133, 246, 255



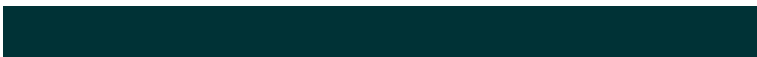
140, 181, 234



106, 116, 117



0, 168, 181



0, 50, 54

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



234, 140, 227



255, 133, 246



234, 193, 140



117, 106, 116



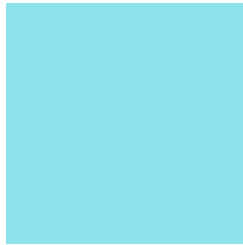
181, 0, 168



54, 0, 50

Previews

White Background



This preview shows how the RGB color 140, 227, 234 looks on a white background.

Color Contrast Check

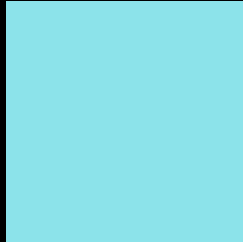
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 140, 227, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

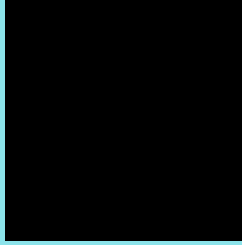
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 140, 227, 234 Background



This preview shows how black text looks on a background with the RGB color 140, 227, 234.

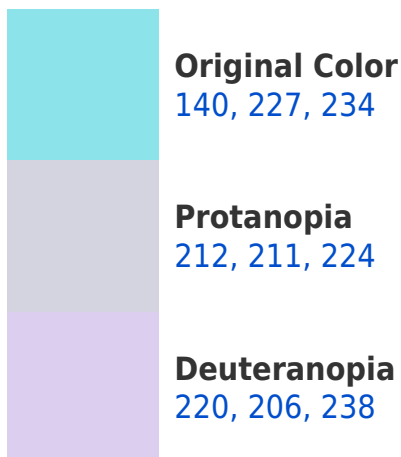


This preview shows how white text looks on a background with the RGB color 140, 227, 234.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





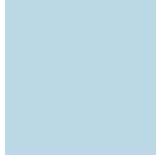
Tritanopia
143, 225, 244

Trichromacy



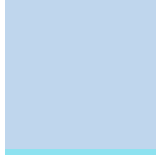
Original Color

140, 227, 234



Protanomaly

186, 217, 228



Deuteranomaly

191, 214, 237



Tritanomaly

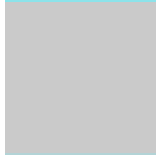
142, 226, 240

Monochromacy



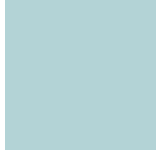
Original Color

140, 227, 234



Achromatopsia

202, 202, 202



Achromatomaly

179, 211, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 227, 234 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(140, 227, 234)` looks like.

```
.text, #text, p{  
    color:rgb(140, 227, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(140, 227, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 227, 234) }
```

Border

The CSS property to change the border of an element to RGB 140, 227, 234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 227, 234) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(140, 227, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(140, 227, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 227, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 227, 234);  
box-shadow:4px 4px 4px 4px rgb(140, 227,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 140, 227, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 227, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(140,  
227, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor