

Converting Colors

RGB(123, 234, 237)

Have a look what the booklet for
RGB(123, 234, 237) contains.

RGB(123, 234, 237)	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(123, 234, 237)

Conversions

Conversions Part 1

Format	Color
Hex	7BEAED
RGB	123, 234, 237
RGB Percent	48%, 92%, 93%
CMY	0.5176, 0.0824, 0.0706
CMYK	0.48, 0.01, 0.00, 0.07
HSL	182°, 76%, 71%
HSV	182°, 48%, 93%
XYZ	52.8773, 69.1710, 90.6852
YIQ	201.1530, -67.1190, -22.5990

Conversions

Conversions Part 2

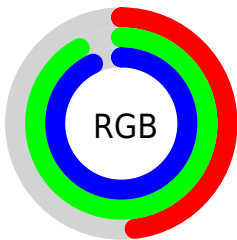
Format	Color
R _{YB}	123, 179, 237
Decimal	8121069
CIE Lab	86.59, -30.97, -11.30
CIE LCh	87, 32.963, 200.039
Yxy	69.1710, 0.2486, 0.3252
Android (android.graphics.Color)	4286311149 (0xFF7BEAED)
YUV	201.1530, 17.6726, -68.5402
Hunter-Lab	83.1691, -32.0592, -6.4297

Details

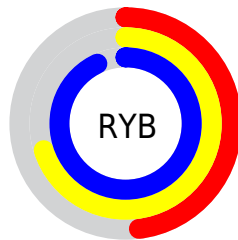
The RGB color **123, 234, 237** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **237, 126, 123**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **182, 255, 255**, and **60, 178, 181** is the 20% darker color. If you saturate the color by 10%, you get **99, 233, 237**, and if you desaturate by 10%, it is **147, 235, 237**.

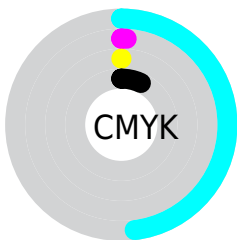
Distribution



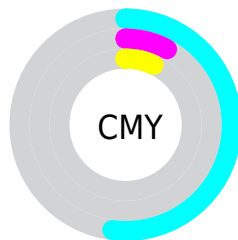
- Red (48%)
- Green (92%)
- Blue (93%)



- Red (48%)
- Yellow (70%)
- Blue (93%)



- Cyan (48%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (52%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 234, 237 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 123, 234, 237 by changing the saturation by 10% instead.

 123, 234, 237

255, 255, 255


 182, 255, 255


 212, 255, 255

 242, 255, 255

 123, 234, 237

 93, 206, 209

 60, 178, 181


 10, 151, 154

 0, 125, 128

 0, 99, 103

 0, 75, 79

 0, 51, 57

 0, 32, 35

 0, 1, 13

■ 123, 234, 237

■ 123, 234, 237

■ 99, 233, 237

■ 147, 235, 237

■ 76, 233, 237

■ 170, 235, 237

■ 52, 232, 237

■ 194, 236, 237

■ 28, 232, 237

■ 218, 236, 237

■ 4, 231, 237

■ 242, 237, 237

■ 0, 231, 237

■ 255, 238, 237

■ 255, 238, 237

■ 255, 239, 237

■ 255, 240, 237

Harmonies

Analogous

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



147, 234, 205



123, 234, 237



128, 230, 255

Triad

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



123, 234, 237



247, 202, 255



249, 211, 156

Complementary

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



123, 234, 237



237, 126, 123

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, 201, 170



123, 234, 237



255, 195, 229

Square

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



123, 234, 237



207, 212, 255



255, 195, 197



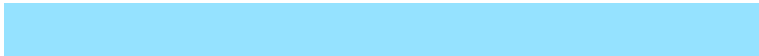
217, 221, 158

Rectangle

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



123, 234, 237



149, 226, 255



255, 195, 197



255, 208, 159

Sweetspot

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



123, 234, 237



219, 254, 255



123, 237, 125



106, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



123, 234, 237



107, 251, 255



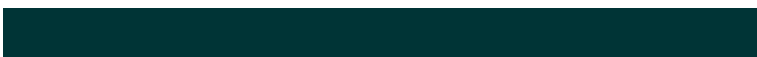
123, 178, 237



106, 117, 117



0, 176, 181



0, 52, 54

Inverse Universe

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



237, 123, 234



255, 107, 251



237, 182, 123



117, 106, 117



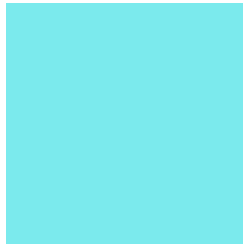
181, 0, 176



54, 0, 52

Previews

White Background



This preview shows how the RGB color 123, 234, 237 looks on a white background.

Color Contrast Check

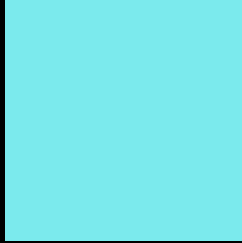
Large Text (above 18pt) WCAG AA × Fail

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 123, 234, 237 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 123, 234, 237 Background



This preview shows how black text looks on a background with the RGB color 123, 234, 237.

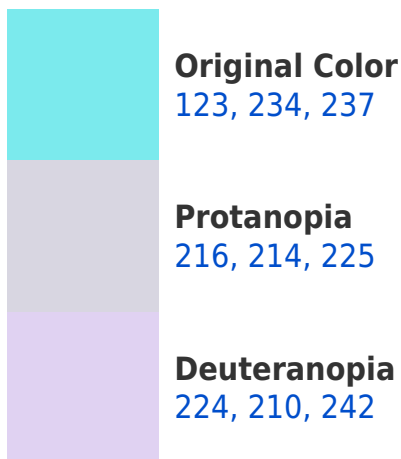


This preview shows how white text looks on a background with the RGB color 123, 234, 237.

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





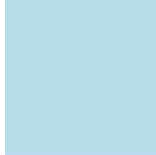
Tritanopia
127, 232, 251

Trichromacy



Original Color

123, 234, 237



Protanomaly

182, 221, 229



Deuteranomaly

187, 219, 240



Tritanomaly

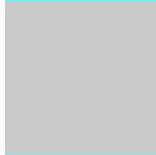
126, 233, 246

Monochromacy



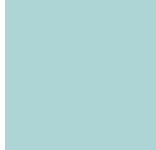
Original Color

123, 234, 237



Achromatopsia

201, 201, 201



Achromatomaly

173, 213, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 234, 237 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(123, 234, 237)` looks like.

```
.text, #text, p{  
    color:rgb(123, 234, 237)  
}
```

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(123, 234, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 234, 237) }
```

Border

The CSS property to change the border of an element to RGB 123, 234, 237 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(123, 234, 237) }
```

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

```
.border{ border-color:rgb(123, 234, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 234, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 234, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 234, 237); box-shadow:4px 4px 4px 4px rgb(123, 234, 237) }
```

Background

The CSS property to change the background color of an element to RGB 123, 234, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 234, 237) }
```

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

```
.background{ background-color: rgb(123,  
234, 237) }
```

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