

Converting Colors

RGB(119, 236, 207)

Have a look what the booklet for
RGB(119, 236, 207) contains.

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Color

RGB(119, 236, 207)

Conversions

Conversions Part 1

Format	Color
Hex	77ECCF
RGB	119, 236, 207
RGB Percent	47%, 93%, 81%
CMY	0.5333, 0.0745, 0.1882
CMYK	0.50, 0.00, 0.12, 0.07
HSL	165°, 75%, 70%
HSV	165°, 50%, 93%
XYZ	48.8657, 68.4178, 69.6620
YIQ	197.7110, -60.4230, -33.8230

Conversions

Conversions Part 2

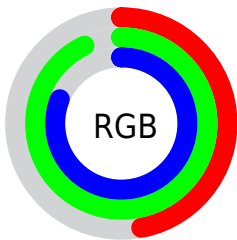
Format	Color
RYB	119, 186, 236
Decimal	7859407
CIELab	86.21, -40.03, 3.90
CIELCh	86, 40.219, 174.440
Yxy	68.4178, 0.2614, 0.3660
Android (android.graphics.Color)	4286049487 (0xFF77ECCF)
YUV	197.7110, 4.5795, -69.0295
Hunter-Lab	82.7151, -39.2987, 7.9670

Details

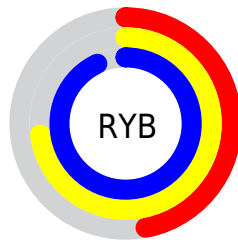
The RGB color **119, 236, 207** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **236, 119, 148**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **178, 255, 255**, and **57, 180, 153** is the 20% darker color. If you saturate the color by 10%, you get **95, 236, 201**, and if you desaturate by 10%, it is **143, 236, 213**.

Distribution



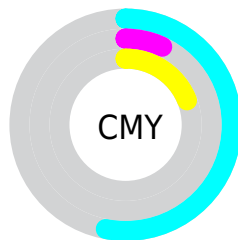
- Red (47%)
- Green (93%)
- Blue (81%)



- Red (47%)
- Yellow (73%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 236, 207 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 119, 236, 207 by changing the saturation by 10% instead.

 119, 236, 207

255, 255, 255


 178, 255, 255

 207, 255, 255

 237, 255, 255


 119, 236, 207

 89, 207, 179

 57, 180, 153


 6, 152, 127

 0, 126, 102

 0, 100, 78

 0, 75, 55

 0, 52, 34

 0, 30, 12

 0, 0, 0

 119, 236, 207

 119, 236, 207

 95, 236, 201

 143, 236, 213

 72, 236, 195

 166, 236, 219

 48, 236, 189

 190, 236, 225

 25, 236, 184

 213, 236, 230

 1, 236, 178

 237, 236, 236

 0, 236, 178

 255, 236, 242

 255, 236, 248

 255, 236, 254

 255, 236, 255

Harmonies

Analogous

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



165, 232, 170



119, 236, 207



83, 236, 246

Triad

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



119, 236, 207



211, 208, 255



255, 198, 155

Complementary

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



119, 236, 207



236, 119, 148

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, 188, 186



119, 236, 207



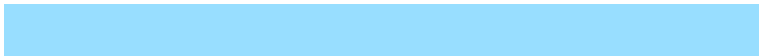
255, 195, 255

Square

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



119, 236, 207



152, 222, 255



255, 187, 224



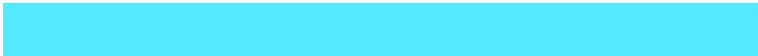
248, 211, 140

Rectangle

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



119, 236, 207



85, 233, 255



255, 187, 224



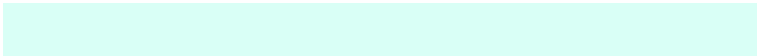
255, 194, 164

Sweetspot

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



119, 236, 207



217, 255, 246



148, 236, 119



105, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



119, 236, 207



105, 255, 218



119, 207, 236



106, 117, 114



0, 181, 136



0, 54, 40

Inverse Universe

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



236, 119, 148



255, 105, 142



236, 148, 119



117, 106, 108



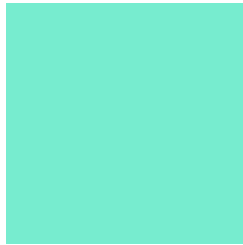
181, 0, 45



54, 0, 13

Previews

White Background



This preview shows how the RGB color 119, 236, 207 looks on a white background.

Color Contrast Check

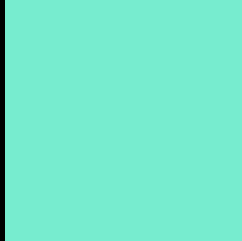
Large Text (above 18pt) WCAG AA × Fail

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 119, 236, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

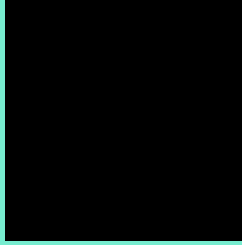
Any Text WCAG AA ✓ Pass

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 119, 236, 207 Background



This preview shows how black text looks on a background with the RGB color 119, 236, 207.

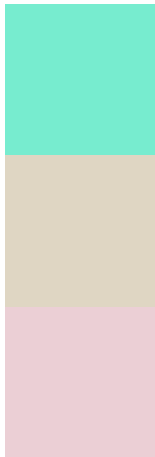


This preview shows how white text looks on a background with the RGB color 119, 236, 207.

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



Original Color
119, 236, 207

Protanopia
223, 214, 195

Deuteranopia
235, 207, 213



Tritanopia
132, 230, 249

Trichromacy



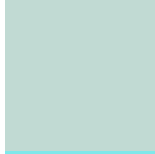
Original Color

119, 236, 207



Protanomaly

185, 222, 199



Deuteranomaly

193, 218, 211



Tritanomaly

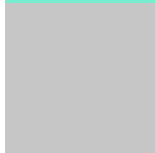
127, 232, 234

Monochromacy



Original Color

119, 236, 207



Achromatopsia

198, 198, 198



Achromatomaly

169, 212, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 236, 207 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(119, 236, 207)` looks like.

```
.text, #text, p{  
    color:rgb(119, 236, 207)  
}
```

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(119, 236, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 236, 207) }
```

Border

The CSS property to change the border of an element to RGB 119, 236, 207 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(119, 236, 207) }
```

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

```
.border{ border-color:rgb(119, 236, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 236, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 236, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 236, 207);  
box-shadow:4px 4px 4px 4px rgb(119, 236,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 119, 236, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 236, 207) }
```

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

```
.background{ background-color: rgb(119,  
236, 207) }
```

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](#).

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