

Converting Colors

RGB(139, 234, 204)

Have a look what the booklet for
RGB(139, 234, 204) contains.

RGB(139, 234, 204)	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(139, 234, 204)

Conversions

Conversions Part 1

Format	Color
Hex	8BEACC
RGB	139, 234, 204
RGB Percent	55%, 92%, 80%
CMY	0.4549, 0.0824, 0.2000
CMYK	0.41, 0.00, 0.13, 0.08
HSL	161°, 69%, 73%
HSV	161°, 41%, 92%
XYZ	50.9694, 68.6942, 67.6997
YIQ	202.1750, -46.9900, -29.4700

Conversions

Conversions Part 2

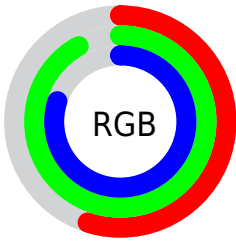
Format	Color
RYB	139, 195, 234
Decimal	9169612
CIELab	86.35, -34.96, 5.77
CIELCh	86, 35.428, 170.631
Yxy	68.6942, 0.2720, 0.3666
Android (android.graphics.Color)	4287359692 (0xFF8BEACC)
YUV	202.1750, 0.8997, -55.4045
Hunter-Lab	82.8820, -35.2726, 9.5881

Details

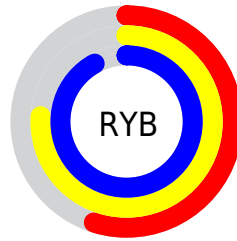
The RGB color **139, 234, 204** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **234, 139, 169**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **196, 255, 255**, and **83, 178, 150** is the 20% darker color. If you saturate the color by 10%, you get **116, 234, 197**, and if you desaturate by 10%, it is **162, 234, 211**.

Distribution



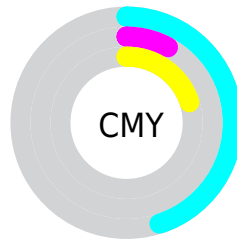
- Red (55%)
- Green (92%)
- Blue (80%)



- Red (55%)
- Yellow (76%)
- Blue (92%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (45%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 139, 234, 204 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 139, 234, 204 by changing the saturation by 10% instead.


 139, 234, 204

 139, 234, 204


255, 255, 255

 111, 206, 177

 196, 255, 255

 83, 178, 150

 225, 255, 255

 53, 151, 124

255, 255, 255

 15, 124, 99

 0, 99, 75

 0, 74, 53

 0, 51, 31

 0, 31, 8

 0, 0, 0

 139, 234, 204

 139, 234, 204

 116, 234, 197

 162, 234, 211

 92, 234, 189

 186, 234, 219

 69, 234, 182

 209, 234, 226

 45, 234, 174

 233, 234, 234

 22, 234, 167

 255, 234, 241

 0, 234, 160

 255, 234, 248

 255, 234, 255

Harmonies

Analogous

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



177, 229, 173



139, 234, 204



111, 234, 239

Triad

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



139, 234, 204



206, 211, 255



255, 199, 165

Complementary

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



139, 234, 204



234, 139, 169

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, 192, 194



139, 234, 204



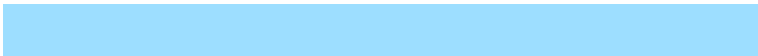
249, 200, 255

Square

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



139, 234, 204



157, 222, 255



255, 192, 228



249, 210, 150

Rectangle

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



139, 234, 204



110, 232, 255



255, 192, 228



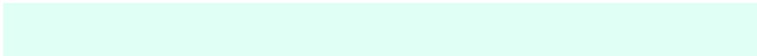
255, 196, 174

Sweetspot

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



139, 234, 204



224, 255, 245



169, 234, 139



110, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



139, 234, 204



130, 255, 216



139, 217, 234



106, 117, 114



0, 181, 124



0, 54, 37

Inverse Universe

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



234, 139, 169



255, 130, 170



234, 156, 139



117, 106, 109



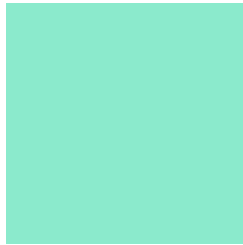
181, 0, 57



54, 0, 17

Previews

White Background



This preview shows how the RGB color 139, 234, 204 looks on a white background.

Color Contrast Check

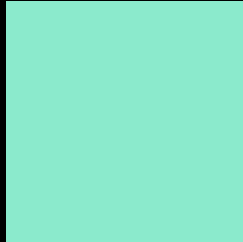
Large Text (above 18pt) WCAG AA × Fail

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 139, 234, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

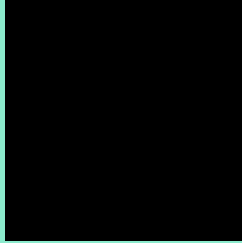
Any Text WCAG AA ✓ Pass

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 139, 234, 204 Background



This preview shows how black text looks on a background with the RGB color 139, 234, 204.

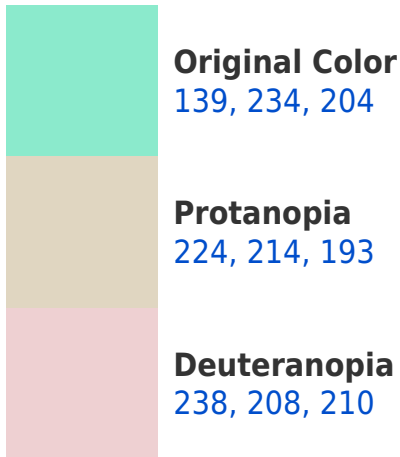


This preview shows how white text looks on a background with the RGB color 139, 234, 204.

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





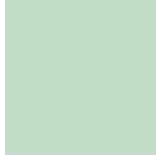
Tritanopia
150, 228, 246

Trichromacy



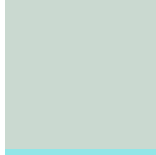
Original Color

139, 234, 204



Protanomaly

193, 221, 197



Deuteranomaly

202, 217, 208



Tritanomaly

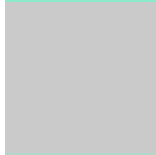
146, 230, 231

Monochromacy



Original Color

139, 234, 204



Achromatopsia

202, 202, 202



Achromatomaly

179, 214, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 234, 204 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(139, 234, 204)` looks like.

```
.text, #text, p{  
    color:rgb(139, 234, 204)  
}
```

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(139, 234, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 234, 204) }
```

Border

The CSS property to change the border of an element to RGB 139, 234, 204 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(139, 234, 204) }
```

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

```
.border{ border-color:rgb(139, 234, 204) }
```

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

Here you see how a box with a 4 pixel rgb(139, 234, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 234, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 234, 204);  
box-shadow:4px 4px 4px 4px rgb(139, 234,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 139, 234, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 234, 204) }
```

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

```
.background{ background-color: rgb(139,  
234, 204) }
```

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