

Converting Colors

RGB(139, 217, 201)

Have a look what the booklet for
RGB(139, 217, 201) contains.

RGB(139, 217, 201)	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, 217, 201)

Conversions

Conversions Part 1

Format	Color
Hex	8BD9C9
RGB	139, 217, 201
RGB Percent	55%, 85%, 79%
CMY	0.4549, 0.1490, 0.2118
CMYK	0.36, 0.00, 0.07, 0.15
HSL	168°, 51%, 70%
HSV	168°, 36%, 85%
XYZ	46.0029, 59.3317, 64.2859
YIQ	191.8540, -41.3520, -21.5120

Conversions

Conversions Part 2

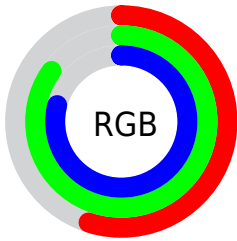
Format	Color
RYB	139, 182, 217
Decimal	9165257
CIELab	81.47, -27.57, 0.27
CIELCh	81, 27.574, 179.429
Yxy	59.3317, 0.2712, 0.3498
Android (android.graphics.Color)	4287355337 (0xFF8BD9C9)
YUV	191.8540, 4.5090, -46.3530
Hunter-Lab	77.0271, -28.1917, 4.4362

Details

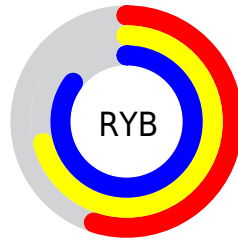
The RGB color **139, 217, 201** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **217, 139, 155**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **195, 255, 255**, and **85, 162, 147** is the 20% darker color. If you saturate the color by 10%, you get **117, 217, 197**, and if you desaturate by 10%, it is **161, 217, 205**.

Distribution



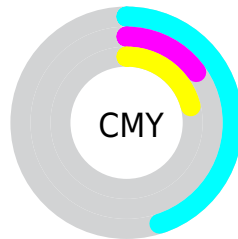
- Red (55%)
- Green (85%)
- Blue (79%)



- Red (55%)
- Yellow (71%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 139, 217, 201 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, 217, 201 by changing the saturation by 10% instead.


 139, 217, 201

 139, 217, 201


255, 255, 255

 112, 189, 174

 195, 255, 255


 85, 162, 147


 224, 255, 255

 57, 135, 121

253, 255, 255

 26, 110, 97

 0, 85, 73

 0, 61, 50

 0, 39, 29


 0, 10, 4


 0, 0, 0

 139, 217, 201

 139, 217, 201

 117, 217, 197

 161, 217, 205

 96, 217, 192

 182, 217, 210

 74, 217, 188

 204, 217, 214

 52, 217, 183

 226, 217, 219

 30, 217, 179

 248, 217, 223

 9, 217, 174

 255, 217, 228

 0, 217, 172

 255, 217, 232

 255, 217, 237

 255, 217, 241

Harmonies

Analogous

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



165, 214, 175



139, 217, 201



127, 216, 227

Triad

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



139, 217, 201



206, 196, 247



244, 192, 159

Complementary

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



139, 217, 201



217, 139, 155

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, 186, 178



139, 217, 201



235, 188, 229

Square

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



139, 217, 201



170, 205, 254



252, 184, 204



222, 201, 151

Rectangle

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



139, 217, 201



133, 214, 241



252, 184, 204



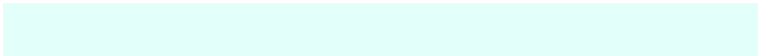
249, 189, 164

Sweetspot

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



139, 217, 201



227, 255, 249



156, 217, 139



111, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



139, 217, 201



145, 255, 233



139, 195, 217



99, 110, 107



0, 173, 138



0, 46, 36

Inverse Universe

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



217, 139, 155



255, 145, 168



217, 161, 139



110, 99, 101



173, 0, 36



46, 0, 9

Previews

White Background



This preview shows how the RGB color 139, 217, 201 looks on a white background.

Color Contrast Check

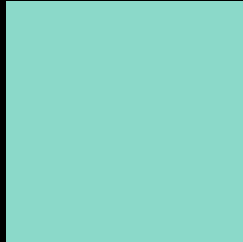
Large Text (above 18pt) WCAG AA × Fail

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, 217, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

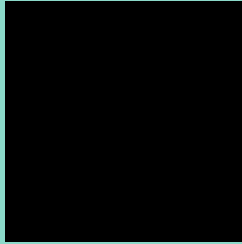
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

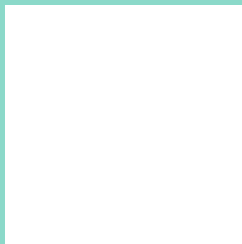
Any Text WCAG AAA ✓ Pass

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

RGB 139, 217, 201 Background



This preview shows how black text looks on a background with the RGB color 139, 217, 201.

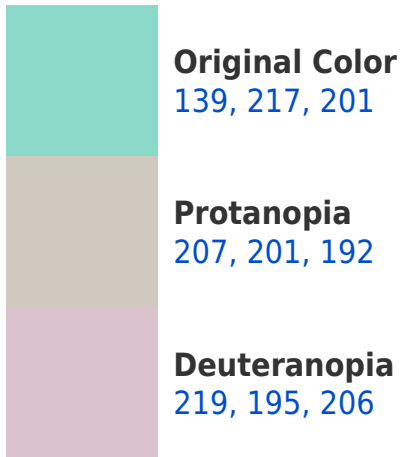


This preview shows how white text looks on a background with the RGB color 139, 217, 201.

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
146, 213, 230

Trichromacy



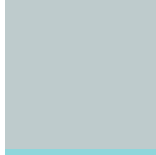
Original Color

139, 217, 201



Protanomaly

182, 207, 195



Deuteranomaly

190, 203, 204



Tritanomaly

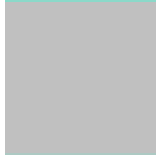
143, 214, 219

Monochromacy



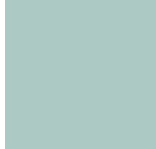
Original Color

139, 217, 201



Achromatopsia

192, 192, 192



Achromatomaly

173, 201, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 217, 201 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, 217, 201)` looks like.

```
.text, #text, p{  
    color:rgb(139, 217, 201)  
}
```

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, 217, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 217, 201) }
```

Border

The CSS property to change the border of an element to RGB 139, 217, 201 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, 217, 201) }
```

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

```
.border{ border-color:rgb(139, 217, 201) }
```

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

Here you see how a box with a 4 pixel rgb(139, 217, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 217, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 217, 201);  
box-shadow:4px 4px 4px 4px rgb(139, 217,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 139, 217, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 217, 201) }
```

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

```
.background{ background-color: rgb(139,  
217, 201) }
```

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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