

Converting Colors

RGB(201, 240, 217)

Have a look what the booklet for
RGB(201, 240, 217) contains.

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Color

RGB(201, 240, 217)

Conversions

Conversions Part 1

Format	Color
Hex	C9F0D9
RGB	201, 240, 217
RGB Percent	79%, 94%, 85%
CMY	0.2118, 0.0588, 0.1490
CMYK	0.16, 0.00, 0.10, 0.06
HSL	145°, 57%, 86%
HSV	145°, 16%, 94%
XYZ	67.7719, 79.7474, 77.4665
YIQ	225.7170, -15.8610, -15.4210

Conversions

Conversions Part 2

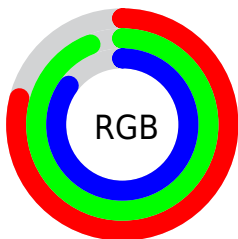
Format	Color
R _Y B	201, 229, 240
Decimal	13234393
CIE Lab	91.57, -16.98, 6.92
CIE LCh	92, 18.336, 157.818
Yxy	79.7474, 0.3012, 0.3545
Android (android.graphics.Color)	4291424473 (0xFFC9F0D9)
YUV	225.7170, -4.2975, -21.6768
Hunter-Lab	89.3014, -20.8118, 11.0786

Details

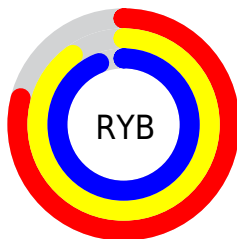
The RGB color **201, 240, 217** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 201, 224**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **147, 184, 162** is the 20% darker color. If you saturate the color by 10%, you get **177, 240, 203**, and if you desaturate by 10%, it is **225, 240, 231**.

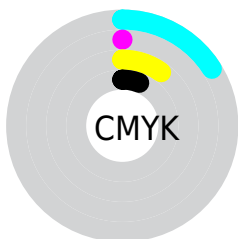
Distribution



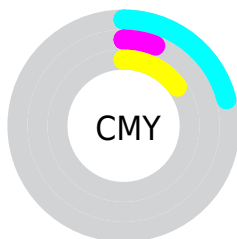
- Red (79%)
- Green (94%)
- Blue (85%)



- Red (79%)
- Yellow (90%)
- Blue (94%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



- Cyan (21%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 240, 217 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 201, 240, 217 by changing the saturation by 10% instead.

■ 201, 240, 217

255, 255, 255

■ 201, 240, 217

■ 173, 212, 189

■ 147, 184, 162

■ 121, 157, 136

■ 95, 131, 111

■ 71, 106, 86

■ 48, 81, 63

■ 25, 58, 41

■ 3, 36, 21

■ 0, 11, 0

 201, 240, 217

 201, 240, 217

 177, 240, 203

 225, 240, 231

 153, 240, 189

 249, 240, 245

 129, 240, 175

 255, 240, 255

 105, 240, 160

 81, 240, 146

 57, 240, 132

 33, 240, 118

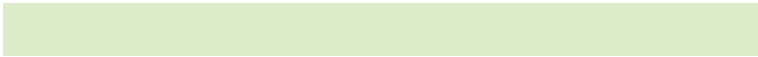
 9, 240, 104

 0, 240, 98

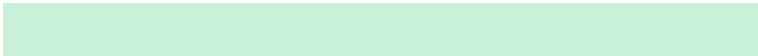
Harmonies

Analogous

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



220, 236, 203



201, 240, 217



188, 241, 235

Triad

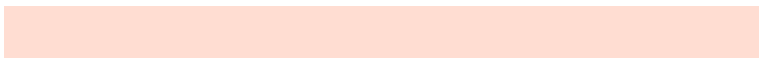
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201, 240, 217



217, 231, 255



255, 221, 210

Complementary

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



201, 240, 217



240, 201, 224

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, 219, 227



201, 240, 217



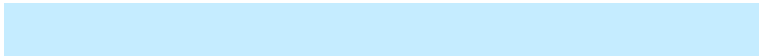
240, 225, 255

Square

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



201, 240, 217



197, 236, 255



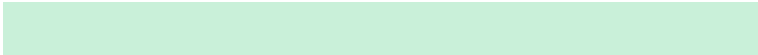
255, 220, 244



255, 225, 199

Rectangle

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



201, 240, 217



185, 241, 247



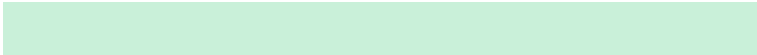
255, 220, 244



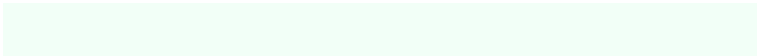
255, 220, 215

Sweetspot

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



201, 240, 217



242, 255, 247



224, 240, 201



120, 128, 123



0, 0, 0



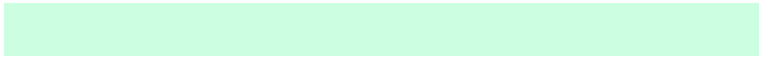
128, 128, 128

Same Dimension

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



201, 240, 217



204, 255, 225



201, 240, 236



108, 120, 113



0, 184, 75



0, 56, 23

Inverse Universe

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



240, 201, 224



255, 204, 234



240, 201, 205



120, 108, 115



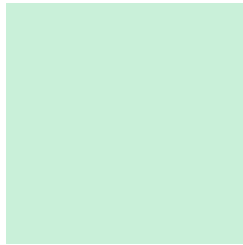
184, 0, 108



56, 0, 33

Previews

White Background



This preview shows how the RGB color 201, 240, 217 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 201, 240, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

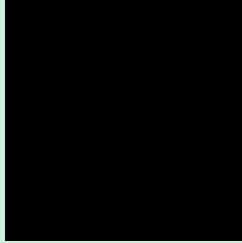
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

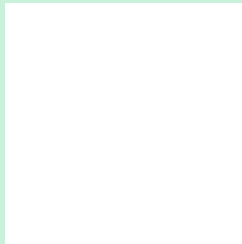
Any Text WCAG AAA ✓ Pass

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

RGB 201, 240, 217 Background



This preview shows how black text looks on a background with the RGB color 201, 240, 217.



This preview shows how white text looks on a background with the RGB color 201, 240, 217.

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](#).

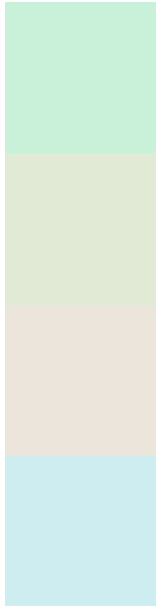
Dichromacy





Tritanopia
207, 235, 253

Trichromacy



Original Color
201, 240, 217

Protanomaly
225, 234, 213

Deuteranomaly
235, 229, 220

Tritanomaly
205, 237, 240

Monochromacy



Original Color
201, 240, 217

Achromatopsia
226, 226, 226

Achromatomaly
217, 231, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 240, 217 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(201, 240, 217)` looks like.

```
.text, #text, p{  
    color:rgb(201, 240, 217)  
}
```

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(201, 240, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 240, 217) }
```

Border

The CSS property to change the border of an element to RGB 201, 240, 217 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(201, 240, 217) }
```

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

```
.border{ border-color:rgb(201, 240, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 240, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 240, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 240, 217);  
box-shadow:4px 4px 4px 4px rgb(201, 240,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 201, 240, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 240, 217) }
```

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

```
.background{ background-color: rgb(201,  
240, 217) }
```

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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