

Converting Colors

RGB(201, 245, 237)

Have a look what the booklet for
RGB(201, 245, 237) contains.

RGB(201, 245, 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(201, 245, 237)

Conversions

Conversions Part 1

Format	Color
Hex	C9F5ED
RGB	201, 245, 237
RGB Percent	79%, 96%, 93%
CMY	0.2118, 0.0392, 0.0706
CMYK	0.18, 0.00, 0.03, 0.04
HSL	169°, 69%, 87%
HSV	169°, 18%, 96%
XYZ	72.0259, 83.8367, 92.5067
YIQ	230.9320, -23.6560, -11.8160

Conversions

Conversions Part 2

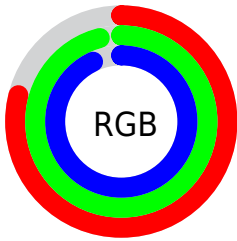
Format	Color
R _Y B	201, 225, 245
Decimal	13235693
CIE Lab	93.38, -15.62, -0.84
CIE LCh	93, 15.638, 183.073
Yxy	83.8367, 0.2900, 0.3375
Android (android.graphics.Color)	4291425773 (0xFFC9F5ED)
YUV	230.9320, 2.9915, -26.2504
Hunter-Lab	91.5624, -19.8205, 4.1922

Details

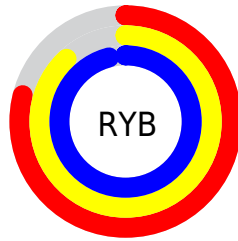
The RGB color `201, 245, 237` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `245, 201, 209`, and the grayscale version is `231, 231, 231`.

A 20% lighter version of the original color is `255, 255, 255`, and `146, 189, 181` is the 20% darker color. If you saturate the color by 10%, you get `177, 245, 233`, and if you desaturate by 10%, it is `226, 245, 241`.

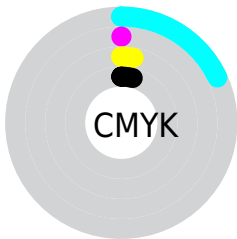
Distribution



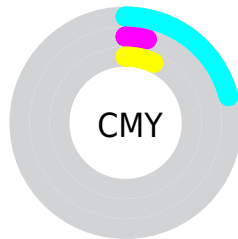
- Red (79%)
- Green (96%)
- Blue (93%)



- Red (79%)
- Yellow (88%)
- Blue (96%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 245, 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 201, 245, 237 by changing the saturation by 10% instead.

■ 201, 245, 237

255, 255, 255

■ 201, 245, 237

■ 173, 217, 209

■ 146, 189, 181

■ 120, 162, 154

■ 95, 135, 128

■ 70, 110, 103

■ 46, 85, 79

■ 22, 62, 57

■ 0, 40, 35

■ 0, 20, 13

 201, 245, 237

 201, 245, 237

 177, 245, 233

 226, 245, 241

 152, 245, 228

 250, 245, 246

 127, 245, 224

 255, 245, 250

 103, 245, 219

 255, 245, 255

 78, 245, 215

 255, 245, 255

 54, 245, 210

 29, 245, 206

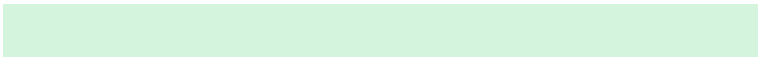
 5, 245, 201

 0, 245, 200

Harmonies

Analogous

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



213, 244, 222



201, 245, 237



198, 244, 252

Triad

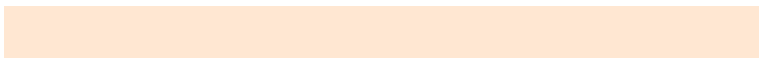
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201, 245, 237



241, 232, 255



255, 231, 210

Complementary

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



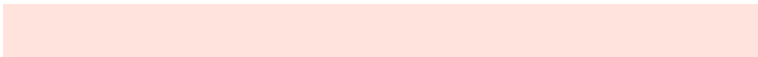
201, 245, 237



245, 201, 209

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, 227, 220



201, 245, 237



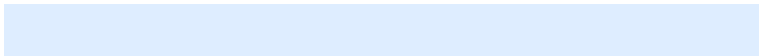
255, 228, 250

Square

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



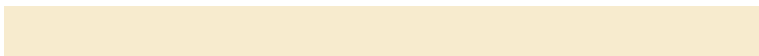
201, 245, 237



222, 237, 255



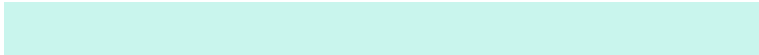
255, 226, 235



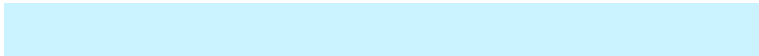
247, 235, 206

Rectangle

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



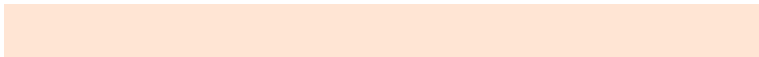
201, 245, 237



202, 242, 255



255, 226, 235



255, 229, 212

Sweetspot

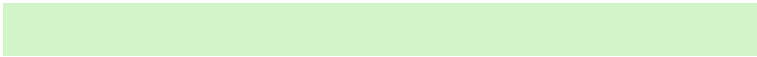
The Sweet Spot groups the original color and five complimentary colors.



201, 245, 237



242, 255, 253



209, 245, 201



120, 128, 126



0, 0, 0



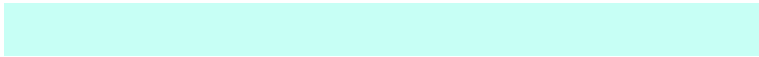
128, 128, 128

Same Dimension

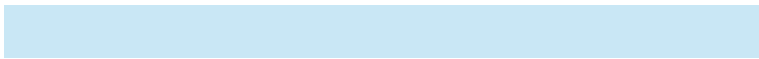
The Same Dimension uses a secret algorithm to generate beautiful new colors.



201, 245, 237



199, 255, 245



201, 231, 245



110, 122, 120



0, 186, 152



0, 59, 48

Inverse Universe

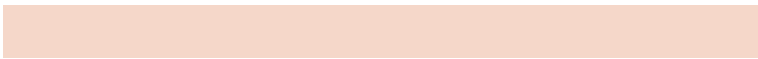
The Inverse Universe completely reimagines the original color for something new.



245, 201, 209



255, 199, 209



245, 215, 201



122, 110, 112



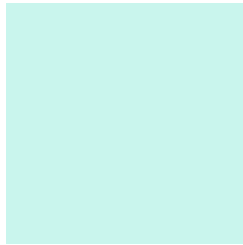
186, 0, 34



59, 0, 11

Previews

White Background



This preview shows how the RGB color 201, 245, 237 looks on a white background.

Color Contrast Check

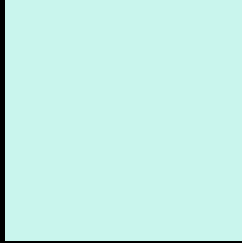
Large Text (above 18pt) WCAG AA × Fail

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 201, 245, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

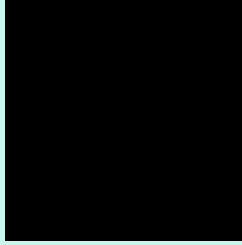
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

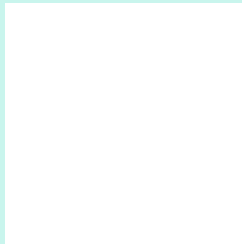
Any Text WCAG AAA ✓ Pass

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

RGB 201, 245, 237 Background



This preview shows how black text looks on a background with the RGB color 201, 245, 237.



This preview shows how white text looks on a background with the RGB color 201, 245, 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





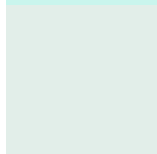
Tritanopia
213, 240, 255

Trichromacy



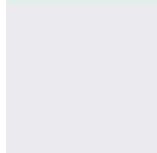
Original Color

201, 245, 237



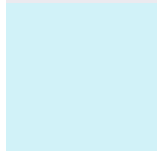
Protanomaly

226, 238, 233



Deuteranomaly

235, 234, 239



Tritanomaly

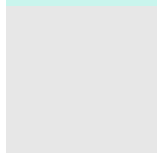
209, 242, 248

Monochromacy



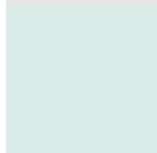
Original Color

201, 245, 237



Achromatopsia

231, 231, 231



Achromatomaly

220, 236, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 245, 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(201, 245, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 245, 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(201, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 245, 237) }
```

Border

The CSS property to change the border of an element to RGB 201, 245, 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(201, 245, 237) }
```

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

```
.border{ border-color:rgb(201, 245, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 245, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 245, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 245, 237); box-shadow:4px 4px 4px 4px rgb(201, 245, 237) }
```

Background

The CSS property to change the background color of an element to RGB 201, 245, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 245, 237) }
```

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

```
.background{ background-color: rgb(201,  
245, 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](#).

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