

# Converting Colors

RGB(195, 236, 234)

Have a look what the booklet for  
RGB(195, 236, 234) contains.

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# **Color**

**RGB(195, 236, 234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3ECEA
RGB	195, 236, 234
RGB Percent	76%, 93%, 92%
CMY	0.2353, 0.0745, 0.0824
CMYK	0.17, 0.00, 0.01, 0.07
HSL	177°, 52%, 85%
HSV	177°, 17%, 93%
XYZ	67.3524, 77.5335, 89.2575
YIQ	223.5130, -23.7940, -9.3140

# Conversions

## Conversions Part 2

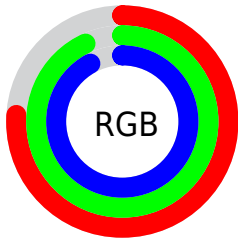
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 216, 236
Decimal	12840170
CIELab	90.57, -13.57, -3.44
CIELCh	91, 14.002, 194.239
Yxy	77.5335, 0.2877, 0.3311
Android (android.graphics.Color)	4291030250 (0xFFC3ECEA)
YUV	223.5130, 5.1701, -25.0059
Hunter-Lab	88.0531, -17.5571, 1.5362

# Details

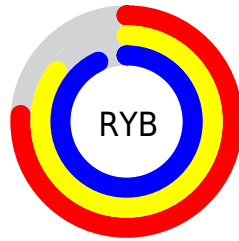
The RGB color **195, 236, 234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **236, 195, 197**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 252, 255, 255, and **141, 180, 178** is the 20% darker color. If you saturate the color by 10%, you get **171, 236, 233**, and if you desaturate by 10%, it is **219, 236, 235**.

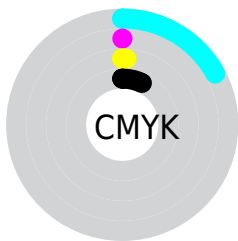
# Distribution



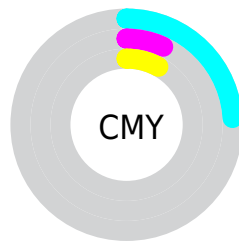
- Red (76%)
- Green (93%)
- Blue (92%)



- Red (76%)
- Yellow (85%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 195, 236, 234 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 195, 236, 234 by changing the saturation by 10% instead.




 195, 236, 234

255, 255, 255


 252, 255, 255


 195, 236, 234


 167, 208, 206

 141, 180, 178

 115, 153, 152


 89, 127, 126

 65, 102, 101

 41, 78, 77


 17, 55, 54

 0, 34, 33

 0, 4, 10

 195, 236, 234

 195, 236, 234

 171, 236, 233

 219, 236, 235

 148, 236, 232

 242, 236, 236

 124, 236, 231

 255, 236, 237

 101, 236, 229

 255, 236, 239

 77, 236, 228

 255, 236, 240

 53, 236, 227

 255, 236, 241

 30, 236, 226

 255, 236, 242

 6, 236, 225

 255, 236, 243

 0, 236, 224

 255, 236, 244

# Harmonies

## Analogous

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



203, 235, 220



195, 236, 234



196, 235, 246

# Triad

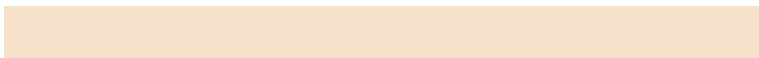
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 236, 234



238, 223, 247



246, 225, 203

# Complementary

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



195, 236, 234



236, 195, 197

# 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, 221, 210



195, 236, 234



251, 220, 236

# Square

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



195, 236, 234



222, 227, 254



255, 219, 222



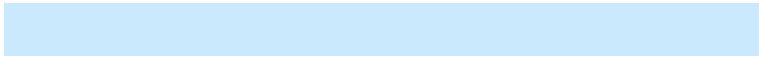
232, 229, 202

# Rectangle

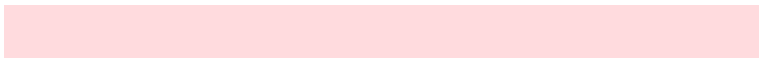
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195, 236, 234



202, 233, 252



255, 219, 222



250, 223, 204



# Sweetspot

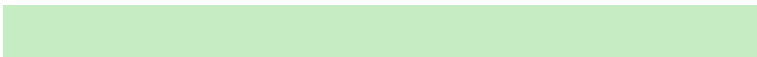
The Sweet Spot groups the original color and five complimentary colors.



195, 236, 234



242, 255, 254



197, 236, 195



120, 128, 127



0, 0, 0



128, 128, 128

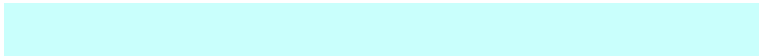


# Same Dimension

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



195, 236, 234



201, 255, 252



195, 218, 236



106, 117, 117



0, 181, 172



0, 54, 51



# Inverse Universe

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



236, 195, 197



255, 201, 204



236, 213, 195



117, 106, 106



181, 0, 9

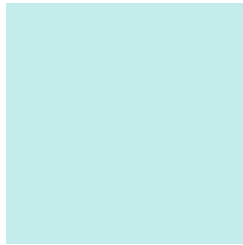


54, 0, 3



# Previews

## White Background



This preview shows how the RGB color 195, 236, 234 looks on a white background.

## Color Contrast Check

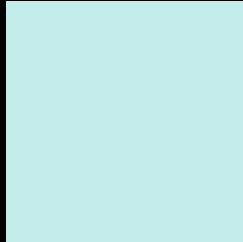
Large Text (above 18pt) WCAG AA × Fail

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 195, 236, 234 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

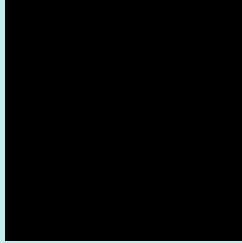
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

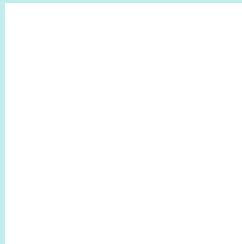
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 195, 236, 234 Background



This preview shows how black text looks on a background with the RGB color 195, 236, 234.

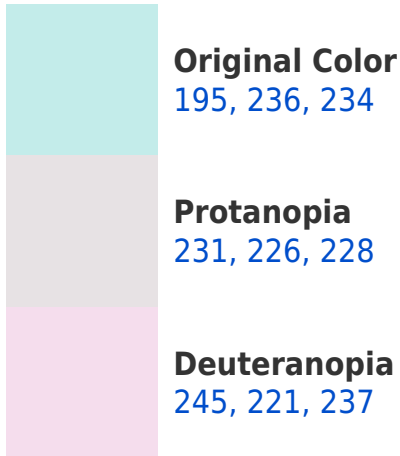


This preview shows how white text looks on a background with the RGB color 195, 236, 234.

# 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](#).

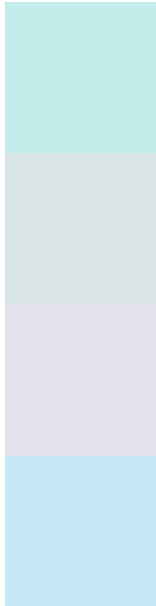
## Dichromacy





**Tritanopia**  
198, 233, 252

# Trichromacy



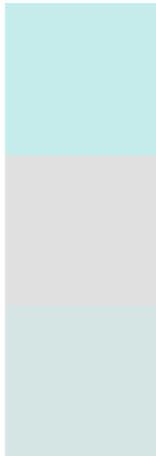
**Original Color**  
195, 236, 234

**Protanomaly**  
218, 230, 230

**Deuteranomaly**  
227, 226, 236

**Tritanomaly**  
197, 234, 245

# Monochromacy



**Original Color**  
195, 236, 234

**Achromatopsia**  
224, 224, 224

**Achromatomaly**  
213, 228, 228

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 195, 236, 234 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(195, 236, 234)` looks like.

```
.text, #text, p{  
    color:rgb(195, 236, 234)  
}
```

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(195, 236, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 236, 234) }
```

## Border

The CSS property to change the border of an element to RGB 195, 236, 234 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(195, 236, 234) }
```

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

```
.border{ border-color:rgb(195, 236, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 236, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 236, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 236, 234);  
box-shadow:4px 4px 4px 4px rgb(195, 236,  
234) }
```

# Background

The CSS property to change the background color of an element to RGB 195, 236, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 236, 234) }
```

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

```
.background{ background-color: rgb(195,  
236, 234) }
```

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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