

Converting Colors

RGB(195, 235, 231)

Have a look what the booklet for
RGB(195, 235, 231) contains.

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Color

RGB(195, 235, 231)

Conversions

Conversions Part 1

Format	Color
Hex	C3EBE7
RGB	195, 235, 231
RGB Percent	76%, 92%, 91%
CMY	0.2353, 0.0784, 0.0941
CMYK	0.17, 0.00, 0.02, 0.08
HSL	174°, 50%, 84%
HSV	174°, 17%, 92%
XYZ	66.6378, 76.7883, 86.9107
YIQ	222.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

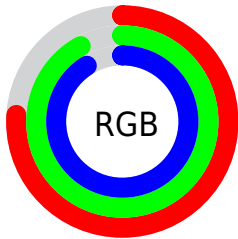
Format	Color
R_{YB}	195, 216, 235
Decimal	12839911
CIE _{Lab}	90.22, -13.68, -2.38
CIE _{LCh}	90, 13.883, 189.869
Yxy	76.7883, 0.2893, 0.3334
Android (android.graphics.Color)	4291029991 (0xFFC3EBE7)
YUV	222.5840, 4.1491, -24.1912
Hunter-Lab	87.6289, -17.6095, 2.5362

Details

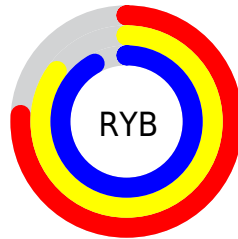
The RGB color **195, 235, 231** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **235, 195, 199**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 252, 255, 255, and **141, 179, 175** is the 20% darker color. If you saturate the color by 10%, you get **171, 235, 229**, and if you desaturate by 10%, it is **219, 235, 233**.

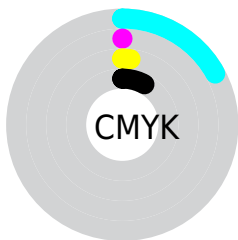
Distribution



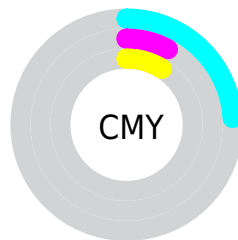
- Red (76%)
- Green (92%)
- Blue (91%)



- Red (76%)
- Yellow (85%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 235, 231 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, 235, 231 by changing the saturation by 10% instead.

■ 195, 235, 231

255, 255, 255

■ 252, 255, 255

■ 195, 235, 231

■ 168, 207, 203

■ 141, 179, 175

■ 115, 152, 149

■ 90, 126, 123

■ 65, 101, 98

■ 42, 77, 74


■ 18, 54, 52

■ 0, 33, 31

■ 0, 2, 7

 195, 235, 231

 195, 235, 231

 171, 235, 229

 219, 235, 233

 148, 235, 226

 242, 235, 236

 124, 235, 224

 255, 235, 238

 101, 235, 222

 255, 235, 240

 78, 235, 219

 255, 235, 243

 54, 235, 217

 255, 235, 245

 31, 235, 215

 255, 235, 247

 7, 235, 212

 255, 235, 250

 0, 235, 212

 255, 235, 252

Harmonies

Analogous

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



204, 234, 217



195, 235, 231



195, 234, 243

Triad

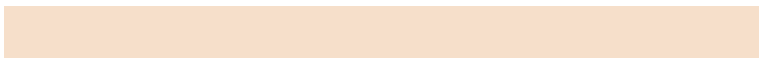
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 235, 231



235, 222, 247



246, 223, 202

Complementary

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



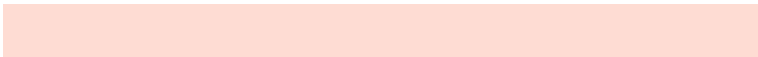
195, 235, 231



235, 195, 199

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.



254, 220, 211



195, 235, 231



248, 219, 236

Square

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



195, 235, 231



218, 227, 253



255, 218, 223



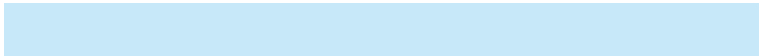
233, 227, 201

Rectangle

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



195, 235, 231



199, 232, 249



255, 218, 223



250, 222, 204

Sweetspot

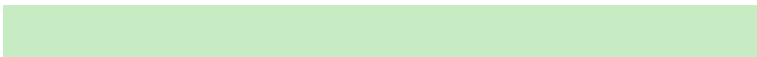
The Sweet Spot groups the original color and five complimentary colors.



195, 235, 231



242, 255, 254



199, 235, 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, 235, 231



204, 255, 250



195, 219, 235



106, 117, 116



0, 181, 163



0, 54, 48

Inverse Universe

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



235, 195, 199



255, 204, 209



235, 211, 195



117, 106, 107



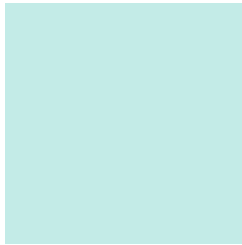
181, 0, 18



54, 0, 5

Previews

White Background



This preview shows how the RGB color 195, 235, 231 looks on a white background.

Color Contrast Check

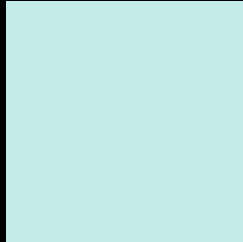
Large Text (above 18pt) WCAG AA × Fail

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, 235, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

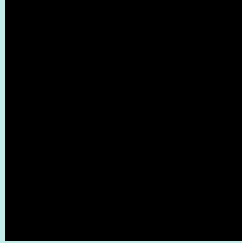
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

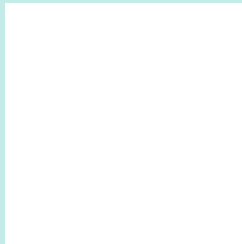
Any Text WCAG AAA ✓ Pass

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

RGB 195, 235, 231 Background



This preview shows how black text looks on a background with the RGB color 195, 235, 231.



This preview shows how white text looks on a background with the RGB color 195, 235, 231.

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](#).

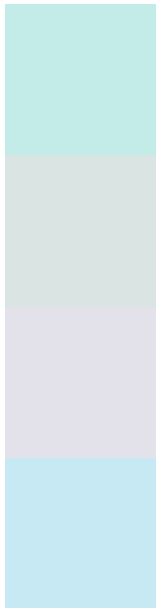
Dichromacy





Tritanopia
199, 232, 251

Trichromacy



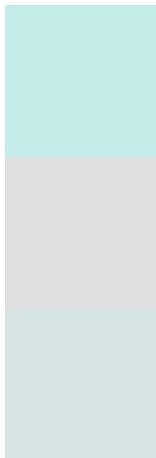
Original Color
195, 235, 231

Protanomaly
218, 229, 227

Deuteranomaly
227, 225, 233

Tritanomaly
198, 233, 244

Monochromacy



Original Color
195, 235, 231

Achromatopsia
223, 223, 223

Achromatomaly
213, 227, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 235, 231 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, 235, 231)` looks like.

```
.text, #text, p{  
    color:rgb(195, 235, 231)  
}
```

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, 235, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 235, 231) }
```

Border

The CSS property to change the border of an element to RGB 195, 235, 231 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, 235, 231) }
```

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

```
.border{ border-color:rgb(195, 235, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 235, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 235, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 235, 231);  
box-shadow:4px 4px 4px 4px rgb(195, 235,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 195, 235, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 235, 231) }
```

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

```
.background{ background-color: rgb(195,  
235, 231) }
```

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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