

Converting Colors

RGB(195, 231, 224)

Have a look what the booklet for
RGB(195, 231, 224) contains.

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Color

RGB(195, 231, 224)

Conversions

Conversions Part 1

Format	Color
Hex	C3E7E0
RGB	195, 231, 224
RGB Percent	76%, 91%, 88%
CMY	0.2353, 0.0941, 0.1216
CMYK	0.16, 0.00, 0.03, 0.09
HSL	168°, 43%, 84%
HSV	168°, 16%, 91%
XYZ	64.5361, 74.1357, 81.4292
YIQ	219.4380, -19.2090, -9.8090

Conversions

Conversions Part 2

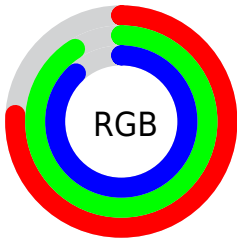
Format	Color
RYB	195, 215, 231
Decimal	12838880
CIELab	88.99, -13.06, -0.53
CIELCh	89, 13.074, 182.313
Yxy	74.1357, 0.2932, 0.3368
Android (android.graphics.Color)	4291028960 (0xFFC3E7E0)
YUV	219.4380, 2.2491, -21.4321
Hunter-Lab	86.1021, -16.8876, 4.1992

Details

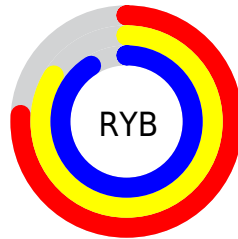
The RGB color **195, 231, 224** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **231, 195, 202**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 252, 255, 255, and **141, 175, 169** is the 20% darker color. If you saturate the color by 10%, you get **172, 231, 220**, and if you desaturate by 10%, it is **218, 231, 228**.

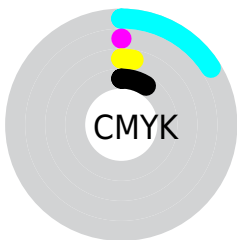
Distribution



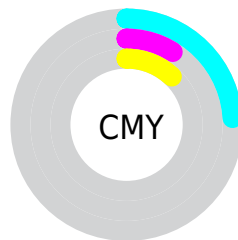
- Red (76%)
- Green (91%)
- Blue (88%)



- Red (76%)
- Yellow (84%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 231, 224 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, 231, 224 by changing the saturation by 10% instead.


 195, 231, 224

255, 255, 255


 252, 255, 255

 195, 231, 224


 168, 203, 196

 141, 175, 169


 115, 149, 142

 90, 123, 117

 66, 98, 92

 43, 74, 69

 20, 51, 47

 0, 30, 26

 0, 0, 0

 195, 231, 224

 195, 231, 224

 172, 231, 220

 218, 231, 228

 149, 231, 215

 241, 231, 233

 126, 231, 211

 255, 231, 237

 103, 231, 206

 255, 231, 242

 79, 231, 202

 255, 231, 246

 56, 231, 197

 255, 231, 251

 33, 231, 193

 255, 231, 255

 10, 231, 188

 0, 231, 186

Harmonies

Analogous

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



205, 230, 212



195, 231, 224



192, 230, 236

Triad

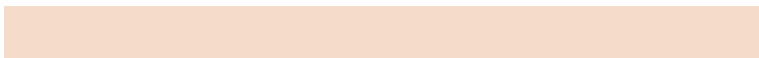
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 231, 224



227, 220, 245



244, 219, 202

Complementary

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



195, 231, 224



231, 195, 202

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.



250, 216, 211



195, 231, 224



241, 217, 235

Square

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



195, 231, 224



212, 224, 248



249, 215, 223



233, 223, 199

Rectangle

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



195, 231, 224



196, 229, 243



249, 215, 223



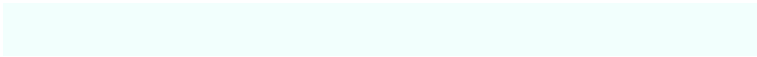
247, 218, 204

Sweetspot

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



195, 231, 224



242, 255, 253



202, 231, 195



120, 128, 126



0, 0, 0



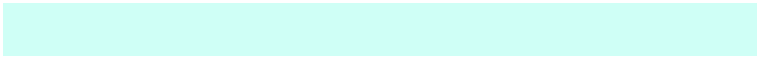
128, 128, 128

Same Dimension

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



195, 231, 224



207, 255, 246



195, 220, 231



103, 115, 113



0, 179, 144



0, 51, 41

Inverse Universe

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



231, 195, 202



255, 207, 216



231, 206, 195



115, 103, 106



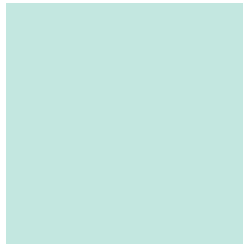
179, 0, 35



51, 0, 10

Previews

White Background



This preview shows how the RGB color 195, 231, 224 looks on a white background.

Color Contrast Check

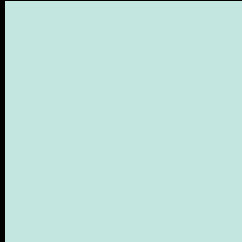
Large Text (above 18pt) WCAG AA × Fail

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, 231, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

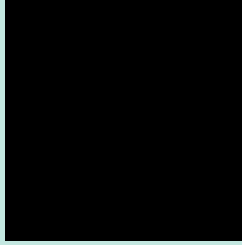
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

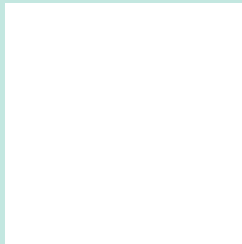
Any Text WCAG AAA ✓ Pass

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

RGB 195, 231, 224 Background



This preview shows how black text looks on a background with the RGB color 195, 231, 224.



This preview shows how white text looks on a background with the RGB color 195, 231, 224.

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](#).

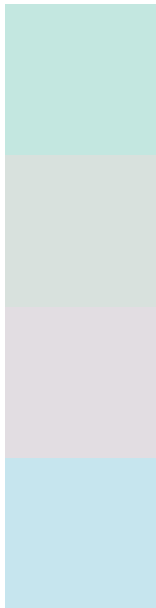
Dichromacy





Tritanopia
199, 228, 246

Trichromacy



Original Color
195, 231, 224

Protanomaly
216, 225, 221

Deuteranomaly
226, 221, 226

Tritanomaly
198, 229, 238

Monochromacy



Original Color
195, 231, 224

Achromatopsia
219, 219, 219

Achromatomaly
210, 223, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 231, 224 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, 231, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 231, 224)  
}
```

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, 231, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 231, 224) }
```

Border

The CSS property to change the border of an element to RGB 195, 231, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

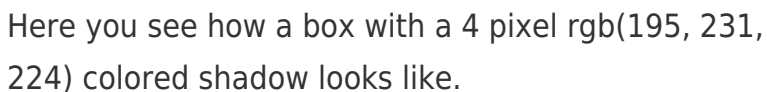
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 231, 224) }
```

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

```
.border{ border-color:rgb(195, 231, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 231, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 231, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 231, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 231,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 195, 231, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 231, 224) }
```

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

```
.background{ background-color: rgb(195,  
231, 224) }
```

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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