

Converting Colors

RGB(193, 229, 213)

Have a look what the booklet for
RGB(193, 229, 213) contains.

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Color

RGB(193, 229, 213)

Conversions

Conversions Part 1

Format	Color
Hex	C1E5D5
RGB	193, 229, 213
RGB Percent	76%, 90%, 84%
CMY	0.2431, 0.1020, 0.1647
CMYK	0.16, 0.00, 0.07, 0.10
HSL	153°, 41%, 83%
HSV	153°, 16%, 90%
XYZ	62.0219, 72.1802, 73.6141
YIQ	216.4120, -16.3200, -12.6080

Conversions

Conversions Part 2

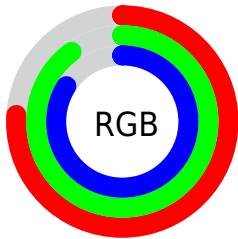
Format	Color
RYB	193, 216, 229
Decimal	12707285
CIELab	88.06, -14.83, 3.87
CIELCh	88, 15.328, 165.373
Yxy	72.1802, 0.2984, 0.3473
Android (android.graphics.Color)	4290897365 (0xFFC1E5D5)
YUV	216.4120, -1.6821, -20.5323
Hunter-Lab	84.9589, -18.3692, 8.0984

Details

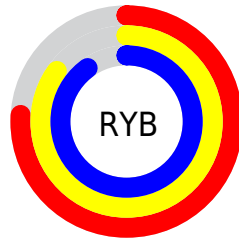
The RGB color **193, 229, 213** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **229, 193, 209**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 250, 255, 255, and **139, 173, 158** is the 20% darker color. If you saturate the color by 10%, you get **170, 229, 203**, and if you desaturate by 10%, it is **216, 229, 223**.

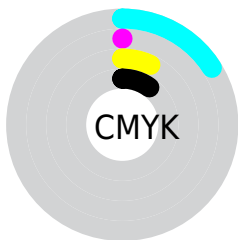
Distribution



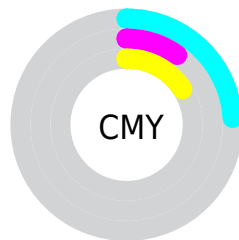
- Red (76%)
- Green (90%)
- Blue (84%)



- Red (76%)
- Yellow (85%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 229, 213 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 193, 229, 213 by changing the saturation by 10% instead.

 193, 229, 213

255, 255, 255


 250, 255, 255

 193, 229, 213


 166, 201, 185

 139, 173, 158

 113, 147, 132

 88, 121, 107

 64, 96, 83

 41, 72, 60

 19, 50, 38

 0, 29, 18

 0, 0, 0

 193, 229, 213

 193, 229, 213

 170, 229, 203

 216, 229, 223

 147, 229, 193

 239, 229, 233

 124, 229, 182

 255, 229, 244

 101, 229, 172

 255, 229, 254

 78, 229, 162

 255, 229, 255

 56, 229, 152

 33, 229, 142

 10, 229, 132

 0, 229, 127

Harmonies

Analogous

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



208, 226, 200



193, 229, 213



184, 230, 228

Triad

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



193, 229, 213



215, 220, 249



250, 213, 201

Complementary

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



193, 229, 213



229, 193, 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.



252, 211, 214



193, 229, 213



233, 215, 241

Square

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



193, 229, 213



197, 224, 249



246, 212, 229



240, 217, 193

Rectangle

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



193, 229, 213



184, 229, 237



246, 212, 229



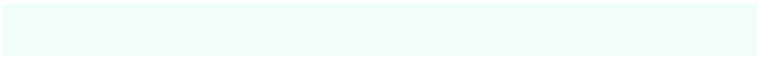
251, 212, 205

Sweetspot

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



193, 229, 213



242, 255, 249



209, 229, 193



120, 128, 124



0, 0, 0



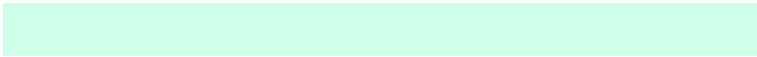
128, 128, 128

Same Dimension

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



193, 229, 213



207, 255, 233



193, 227, 229



103, 115, 110



0, 179, 99



0, 51, 28

Inverse Universe

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



229, 193, 209



255, 207, 228



229, 195, 193



115, 103, 108



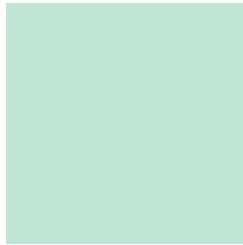
179, 0, 79



51, 0, 23

Previews

White Background



This preview shows how the RGB color 193, 229, 213 looks on a white background.

Color Contrast Check

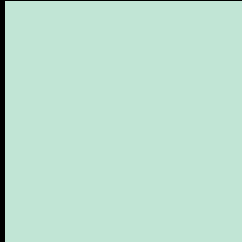
Large Text (above 18pt) WCAG AA × Fail

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 193, 229, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

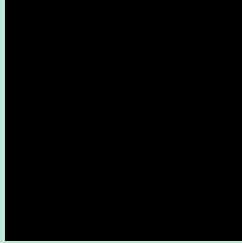
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

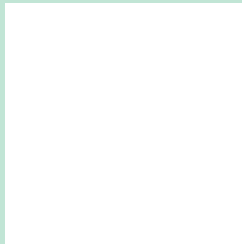
Any Text WCAG AAA ✓ Pass

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

RGB 193, 229, 213 Background



This preview shows how black text looks on a background with the RGB color 193, 229, 213.



This preview shows how white text looks on a background with the RGB color 193, 229, 213.

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](#).

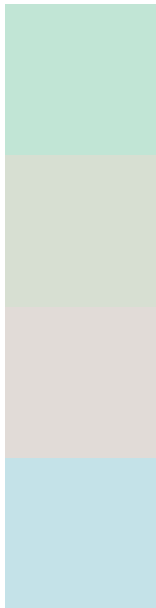
Dichromacy





Tritanopia
198, 225, 243

Trichromacy



Original Color
193, 229, 213

Protanomaly
215, 223, 210

Deuteranomaly
225, 219, 215

Tritanomaly
196, 226, 232

Monochromacy



Original Color
193, 229, 213

Achromatopsia
216, 216, 216

Achromatomaly
208, 221, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 229, 213 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(193, 229, 213)` looks like.

```
.text, #text, p{  
    color:rgb(193, 229, 213)  
}
```

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(193, 229, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 229, 213) }
```

Border

The CSS property to change the border of an element to RGB 193, 229, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

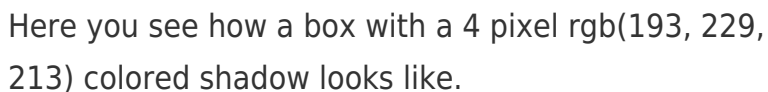
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 229, 213) }
```

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

```
.border{ border-color:rgb(193, 229, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 229, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 229, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 229, 213); box-shadow:4px 4px 4px 4px rgb(193, 229, 213) }
```

Background

The CSS property to change the background color of an element to RGB 193, 229, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 229, 213) }
```

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

```
.background{ background-color: rgb(193,  
229, 213) }
```

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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