

Converting Colors

RGB(193, 234, 214)

Have a look what the booklet for
RGB(193, 234, 214) contains.

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Color

RGB(193, 234, 214)

Conversions

Conversions Part 1	
Format	Color
Hex	C1EAD6
RGB	193, 234, 214
RGB Percent	76%, 92%, 84%
CMY	0.2431, 0.0824, 0.1608
CMYK	0.18, 0.00, 0.09, 0.08
HSL	151°, 49%, 84%
HSV	151°, 18%, 92%
XYZ	63.5527, 75.0381, 74.7526
YIQ	219.4610, -18.0160, -14.9120

Conversions

Conversions Part 2

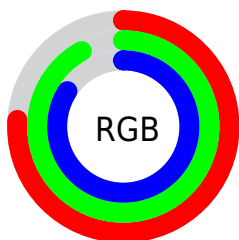
Format	Color
RYB	193, 220, 234
Decimal	12708566
CIELab	89.41, -17.14, 5.31
CIELCh	89, 17.938, 162.790
Yxy	75.0381, 0.2979, 0.3517
Android (android.graphics.Color)	4290898646 (0xFFC1EAD6)
YUV	219.4610, -2.6923, -23.2063
Hunter-Lab	86.6246, -20.6351, 9.4730

Details

The RGB color **193, 234, 214** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **234, 193, 213**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 250, 255, 255, and **139, 178, 159** is the 20% darker color. If you saturate the color by 10%, you get **170, 234, 203**, and if you desaturate by 10%, it is **216, 234, 225**.

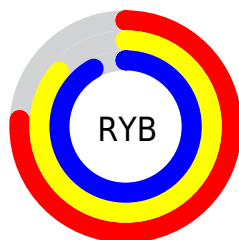
Distribution



Red (76%)

Green (92%)

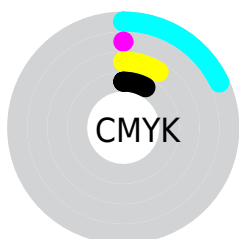
Blue (84%)



Red (76%)

Yellow (86%)

Blue (92%)

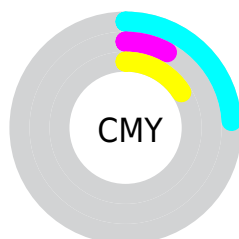


Cyan (18%)

Magenta (0%)

Yellow (9%)

Black (8%)



Cyan (24%)

Magenta (8%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 234, 214 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, 234, 214 by changing the saturation by 10% instead.

 193, 234, 214

255, 255, 255


 250, 255, 255


 193, 234, 214


 166, 206, 186

 139, 178, 159

 113, 151, 133

 88, 125, 108

 64, 100, 84

 41, 76, 61

 17, 53, 39

 0, 32, 18

 0, 0, 0

 193, 234, 214

 193, 234, 214

 170, 234, 203

 216, 234, 225

 146, 234, 191

 240, 234, 237

 123, 234, 180

 255, 234, 248

 99, 234, 168

 255, 234, 255

 76, 234, 157

 53, 234, 146

 29, 234, 134

 6, 234, 123

 0, 234, 120

Harmonies

Analogous

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



211, 231, 199



193, 234, 214



182, 235, 232

Triad

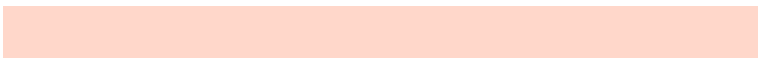
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 234, 214



215, 224, 255



255, 215, 202

Complementary

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



193, 234, 214



234, 193, 213

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, 213, 218



193, 234, 214



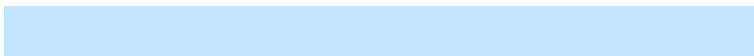
237, 218, 250

Square

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



193, 234, 214



195, 229, 255



253, 214, 235



248, 220, 192

Rectangle

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



193, 234, 214



180, 234, 243



253, 214, 235



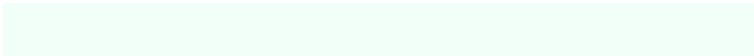
255, 214, 207

Sweetspot

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



193, 234, 214



242, 255, 249



213, 234, 193



120, 128, 124



0, 0, 0



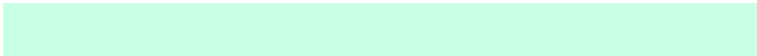
128, 128, 128

Same Dimension

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



193, 234, 214



201, 255, 229



193, 234, 234



106, 117, 112



0, 181, 93



0, 54, 27

Inverse Universe

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



234, 193, 213



255, 201, 228



234, 193, 193



117, 106, 111



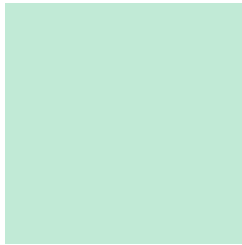
181, 0, 88



54, 0, 26

Previews

White Background



This preview shows how the RGB color 193, 234, 214 looks on a white background.

Color Contrast Check

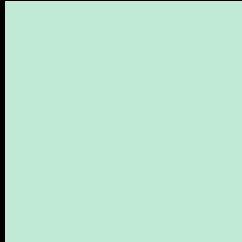
Large Text (above 18pt) WCAG AA × Fail

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, 234, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

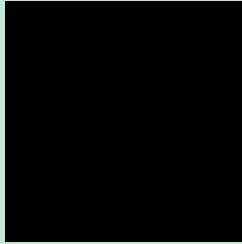
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

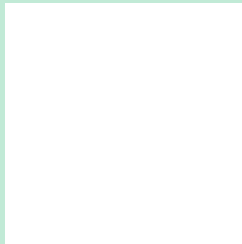
Any Text WCAG AAA ✓ Pass

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

RGB 193, 234, 214 Background



This preview shows how black text looks on a background with the RGB color 193, 234, 214.

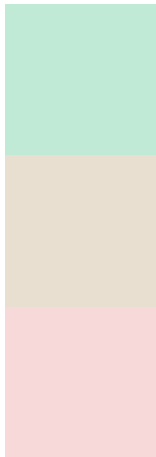


This preview shows how white text looks on a background with the RGB color 193, 234, 214.

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



Original Color
193, 234, 214

Protanopia
232, 223, 208

Deuteranopia
248, 217, 218




Tritanopia

199, 229, 247

Trichromacy

	Original Color 193, 234, 214
	Protanomaly 218, 227, 210
	Deuteranomaly 228, 223, 217
	Tritanomaly 197, 231, 235

Monochromacy

	Original Color 193, 234, 214
	Achromatopsia 219, 219, 219
	Achromatomaly 210, 224, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 234, 214 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, 234, 214) looks like.

```
.text, #text, p{  
    color:rgb(193, 234, 214)  
}
```

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, 234, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 234, 214) }
```

Border

The CSS property to change the border of an element to RGB 193, 234, 214 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, 234, 214) }
```

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

```
.border{ border-color:rgb(193, 234, 214) }
```

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

Here you see how a box with a 4 pixel rgb(193, 234, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 234, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 234, 214);  
box-shadow:4px 4px 4px 4px rgb(193, 234,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 193, 234, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 234, 214) }
```

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

```
.background{ background-color: rgb(193,  
234, 214) }
```

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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