

Converting Colors

RGB(195, 234, 218)

Have a look what the booklet for
RGB(195, 234, 218) contains.

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Color

RGB(195, 234, 218)

Conversions

Conversions Part 1

Format	Color
Hex	C3EADA
RGB	195, 234, 218
RGB Percent	76%, 92%, 85%
CMY	0.2353, 0.0824, 0.1451
CMYK	0.17, 0.00, 0.07, 0.08
HSL	155°, 48%, 84%
HSV	155°, 17%, 92%
XYZ	64.5834, 75.5097, 77.5006
YIQ	220.5150, -18.1080, -13.2440

Conversions

Conversions Part 2

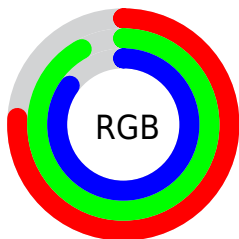
Format	Color
R _{YB}	195, 220, 234
Decimal	12839642
CIE Lab	89.63, -15.73, 3.55
CIE LCh	90, 16.130, 167.280
Yxy	75.5097, 0.2968, 0.3470
Android (android.graphics.Color)	4291029722 (0xFFC3EADA)
YUV	220.5150, -1.2399, -22.3767
Hunter-Lab	86.8963, -19.4032, 7.9482

Details

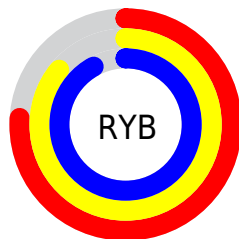
The RGB color **195, 234, 218** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **234, 195, 211**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 252, 255, 255, and **141, 178, 163** is the 20% darker color. If you saturate the color by 10%, you get **172, 234, 208**, and if you desaturate by 10%, it is **218, 234, 228**.

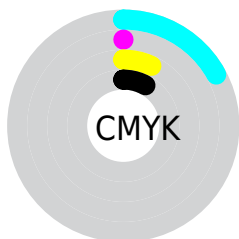
Distribution



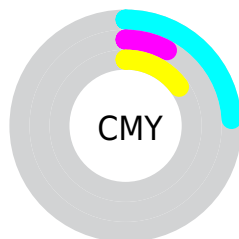
- Red (76%)
- Green (92%)
- Blue (85%)



- Red (76%)
- Yellow (86%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 234, 218 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, 234, 218 by changing the saturation by 10% instead.

■ 195, 234, 218

255, 255, 255

■ 252, 255, 255

■ 195, 234, 218

■ 168, 206, 190

■ 141, 178, 163

■ 115, 151, 137

■ 90, 125, 112

■ 66, 100, 87

■ 43, 76, 64

■ 20, 53, 42

■ 0, 32, 22

■ 0, 0, 0

 195, 234, 218

 195, 234, 218

 172, 234, 208


 218, 234, 228

 148, 234, 199

 242, 234, 237

 125, 234, 189

 255, 234, 247

 101, 234, 180

 255, 234, 255

 78, 234, 170

 55, 234, 160

 31, 234, 151

 8, 234, 141

 0, 234, 138

Harmonies

Analogous

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



210, 231, 204



195, 234, 218



186, 234, 234

Triad

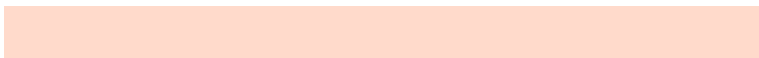
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 234, 218



220, 224, 255



255, 218, 203

Complementary

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



195, 234, 218



234, 195, 211

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, 215, 217



195, 234, 218



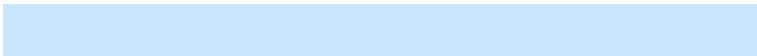
239, 219, 246

Square

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



195, 234, 218



201, 229, 255



253, 215, 233



244, 222, 196

Rectangle

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



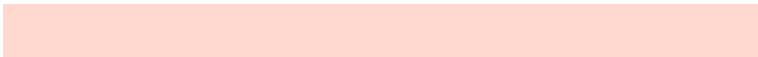
195, 234, 218



187, 233, 243



253, 215, 233



255, 216, 207

Sweetspot

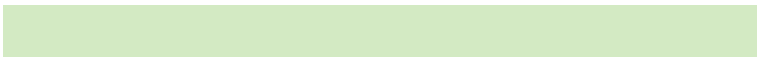
The Sweet Spot groups the original color and five complimentary colors.



195, 234, 218



242, 255, 250



211, 234, 195



120, 128, 124



0, 0, 0



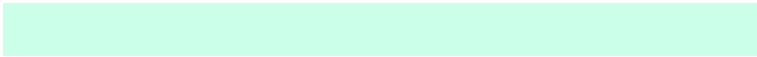
128, 128, 128

Same Dimension

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



195, 234, 218



204, 255, 234



195, 231, 234



106, 117, 112



0, 181, 107



0, 54, 32

Inverse Universe

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



234, 195, 211



255, 204, 225



234, 198, 195



117, 106, 110



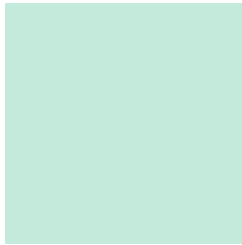
181, 0, 74



54, 0, 22

Previews

White Background



This preview shows how the RGB color 195, 234, 218 looks on a white background.

Color Contrast Check

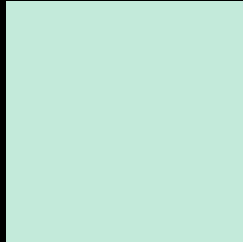
Large Text (above 18pt) WCAG AA × Fail

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, 234, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

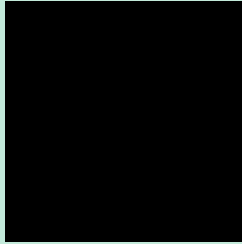
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

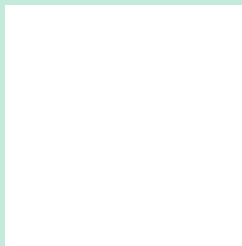
Any Text WCAG AAA ✓ Pass

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

RGB 195, 234, 218 Background



This preview shows how black text looks on a background with the RGB color 195, 234, 218.



This preview shows how white text looks on a background with the RGB color 195, 234, 218.

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](#).

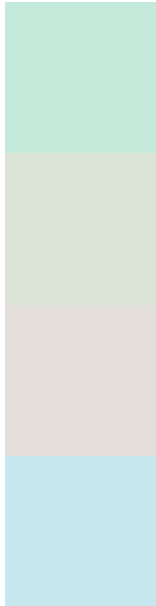
Dichromacy





Tritanopia
200, 230, 248

Trichromacy



Original Color
195, 234, 218

Protanomaly
219, 228, 214

Deuteranomaly
229, 223, 220

Tritanomaly
198, 231, 237

Monochromacy



Original Color
195, 234, 218

Achromatopsia
221, 221, 221

Achromatomaly
212, 226, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 234, 218 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, 234, 218)` looks like.

```
.text, #text, p{  
    color:rgb(195, 234, 218)  
}
```

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, 234, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 234, 218) }
```

Border

The CSS property to change the border of an element to RGB 195, 234, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

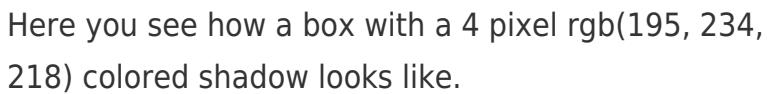
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 234, 218) }
```

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

```
.border{ border-color:rgb(195, 234, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 234, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 234, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 234, 218);  
box-shadow:4px 4px 4px 4px rgb(195, 234,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 195, 234, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 234, 218) }
```

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

```
.background{ background-color: rgb(195,  
234, 218) }
```

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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