

Converting Colors

RGB(193, 232, 203)

Have a look what the booklet for
RGB(193, 232, 203) contains.

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Color

RGB(193, 232, 203)

Conversions

Conversions Part 1

Format	Color
Hex	C1E8CB
RGB	193, 232, 203
RGB Percent	76%, 91%, 80%
CMY	0.2431, 0.0902, 0.2039
CMYK	0.17, 0.00, 0.13, 0.09
HSL	135°, 46%, 83%
HSV	135°, 17%, 91%
XYZ	61.6284, 73.3625, 67.4121
YIQ	217.0330, -13.9350, -17.2870

Conversions

Conversions Part 2

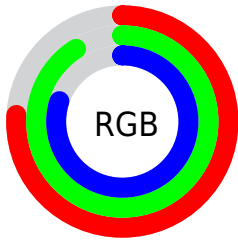
Format	Color
RYB	193, 224, 232
Decimal	12708043
CIELab	88.62, -18.19, 9.92
CIElCh	89, 20.715, 151.389
Yxy	73.3625, 0.3045, 0.3625
Android (android.graphics.Color)	4290898123 (0xFFC1E8CB)
YUV	217.0330, -6.9183, -21.0769
Hunter-Lab	85.6519, -21.4562, 13.2923

Details

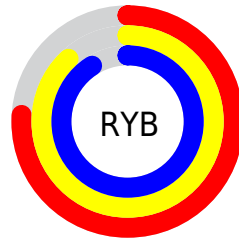
The RGB color **193, 232, 203** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **232, 193, 222**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 250, 255, 255, and **139, 176, 149** is the 20% darker color. If you saturate the color by 10%, you get **170, 232, 186**, and if you desaturate by 10%, it is **216, 232, 220**.

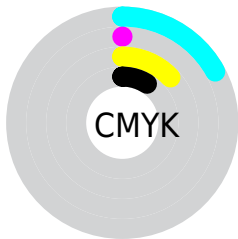
Distribution



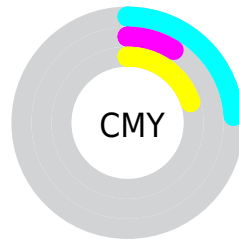
- Red (76%)
- Green (91%)
- Blue (80%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 232, 203 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, 232, 203 by changing the saturation by 10% instead.

 193, 232, 203

255, 255, 255

 250, 255, 255

 193, 232, 203


 166, 204, 176


 139, 176, 149

 113, 150, 123

 88, 124, 98

 64, 99, 74

 41, 75, 52

 18, 52, 30

 0, 31, 6

 0, 0, 0

 193, 232, 203

 193, 232, 203

 170, 232, 186

 216, 232, 220

 147, 232, 168

 239, 232, 238

 123, 232, 151

 255, 232, 255

 100, 232, 134

 255, 232, 255

 77, 232, 117

 54, 232, 99

 31, 232, 82

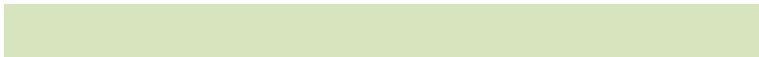
 7, 232, 65

 0, 232, 59

Harmonies

Analogous

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



215, 228, 189



193, 232, 203



176, 234, 223

Triad

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



193, 232, 203



202, 224, 255



255, 210, 203

Complementary

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



193, 232, 203



232, 193, 222

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, 209, 222



193, 232, 203



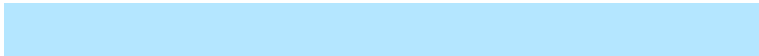
227, 217, 255

Square

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



193, 232, 203



180, 230, 255



249, 211, 242



254, 215, 188

Rectangle

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



193, 232, 203



170, 234, 236



249, 211, 242



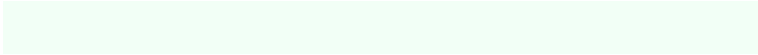
255, 209, 209

Sweetspot

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



193, 232, 203



242, 255, 246



222, 232, 193



120, 128, 122



0, 0, 0



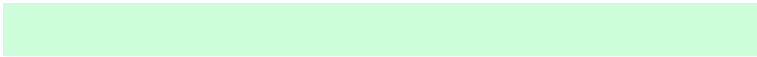
128, 128, 128

Same Dimension

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



193, 232, 203



204, 255, 217



193, 232, 222



103, 115, 106



0, 179, 46



0, 51, 13

Inverse Universe

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



232, 193, 222



255, 204, 242



232, 193, 203



115, 103, 112



179, 0, 133



51, 0, 38

Previews

White Background



This preview shows how the RGB color 193, 232, 203 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, 232, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

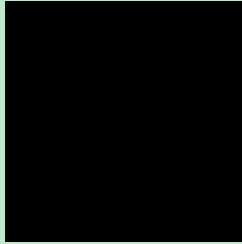
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

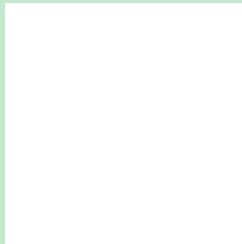
Any Text WCAG AAA ✓ Pass

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

RGB 193, 232, 203 Background



This preview shows how black text looks on a background with the RGB color 193, 232, 203.

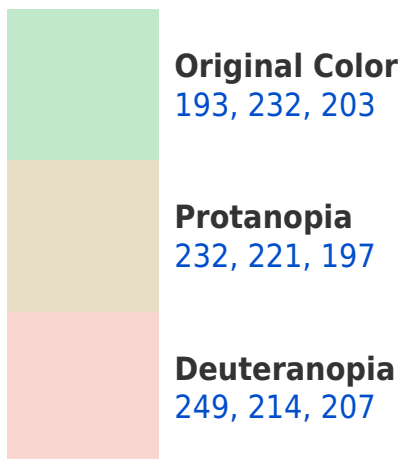


This preview shows how white text looks on a background with the RGB color 193, 232, 203.

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, 226, 244

Trichromacy



Original Color
193, 232, 203

Protanomaly
218, 225, 199

Deuteranomaly
229, 221, 206

Tritanomaly
197, 228, 229

Monochromacy



Original Color
193, 232, 203

Achromatopsia
217, 217, 217

Achromatomaly
208, 222, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 232, 203 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, 232, 203)` looks like.

```
.text, #text, p{  
    color:rgb(193, 232, 203)  
}
```

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, 232, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 232, 203) }
```

Border

The CSS property to change the border of an element to RGB 193, 232, 203 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, 232, 203) }
```

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

```
.border{ border-color:rgb(193, 232, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 232, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 232, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 232, 203);  
box-shadow:4px 4px 4px 4px rgb(193, 232,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 193, 232, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 232, 203) }
```

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

```
.background{ background-color: rgb(193,  
232, 203) }
```

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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