

Converting Colors

RGB(188, 231, 209)

Have a look what the booklet for
RGB(188, 231, 209) contains.

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Color

RGB(188, 231, 209)

Conversions

Conversions Part 1

Format	Color
Hex	BCE7D1
RGB	188, 231, 209
RGB Percent	74%, 91%, 82%
CMY	0.2627, 0.0941, 0.1804
CMYK	0.19, 0.00, 0.10, 0.09
HSL	149°, 47%, 82%
HSV	149°, 19%, 91%
XYZ	60.8236, 72.4466, 71.0995
YIQ	215.6350, -18.5660, -15.9580

Conversions

Conversions Part 2

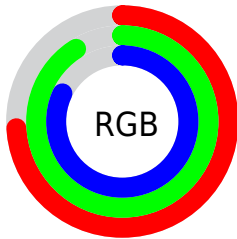
Format	Color
RYB	188, 217, 231
Decimal	12380113
CIELab	88.18, -18.19, 6.11
CIELCh	88, 19.193, 161.428
Yxy	72.4466, 0.2976, 0.3545
Android (android.graphics.Color)	4290570193 (0xFFBCE7D1)
YUV	215.6350, -3.2711, -24.2359
Hunter-Lab	85.1156, -21.3962, 10.0543

Details

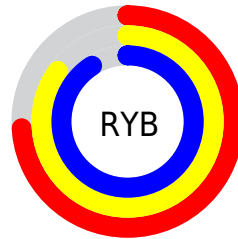
The RGB color **188, 231, 209** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **231, 188, 210**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **245, 255, 255**, and **134, 175, 155** is the 20% darker color. If you saturate the color by 10%, you get **165, 231, 197**, and if you desaturate by 10%, it is **211, 231, 221**.

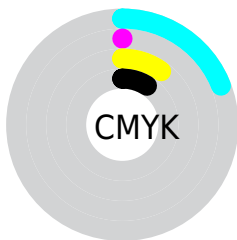
Distribution



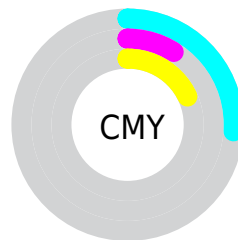
- Red (74%)
- Green (91%)
- Blue (82%)



- Red (74%)
- Yellow (85%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 231, 209 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 188, 231, 209 by changing the saturation by 10% instead.


 188, 231, 209

255, 255, 255


 245, 255, 255

 188, 231, 209

 161, 203, 181

 134, 175, 155


 108, 149, 129

 83, 123, 104

 59, 98, 79

 36, 74, 57

 12, 51, 35


 0, 30, 14

 0, 0, 0

 188, 231, 209

 188, 231, 209

 165, 231, 197

 211, 231, 221

 142, 231, 185

 234, 231, 233

 119, 231, 174

 255, 231, 244

 96, 231, 162

 255, 231, 255

 73, 231, 150

 49, 231, 138

 26, 231, 126

 3, 231, 114

 0, 231, 113

Harmonies

Analogous

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



208, 228, 194



188, 231, 209



175, 232, 228

Triad

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



188, 231, 209



210, 220, 255



255, 211, 198

Complementary

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



188, 231, 209



231, 188, 210

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, 215



188, 231, 209



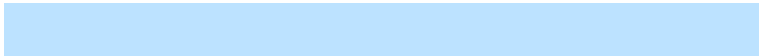
233, 214, 249

Square

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



188, 231, 209



188, 226, 255



251, 210, 233



246, 216, 187

Rectangle

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



188, 231, 209



173, 231, 240



251, 210, 233



255, 210, 203

Sweetspot

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



188, 231, 209



240, 255, 247



210, 231, 188



119, 128, 123



0, 0, 0



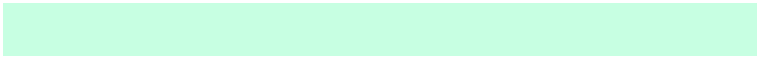
128, 128, 128

Same Dimension

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



188, 231, 209



199, 255, 226



188, 231, 230



103, 115, 109



0, 179, 87



0, 51, 25

Inverse Universe

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



231, 188, 210



255, 199, 228



231, 188, 189



115, 103, 109



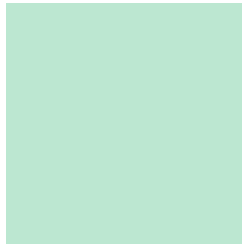
179, 0, 91



51, 0, 26

Previews

White Background



This preview shows how the RGB color 188, 231, 209 looks on a white background.

Color Contrast Check

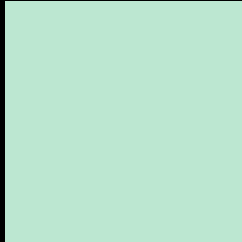
Large Text (above 18pt) WCAG AA × Fail

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 188, 231, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

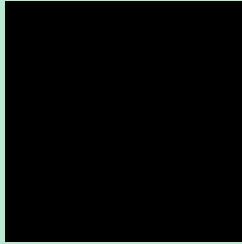
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

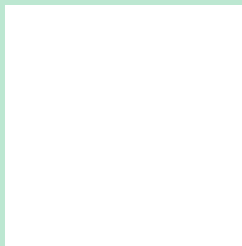
Any Text WCAG AAA ✓ Pass

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

RGB 188, 231, 209 Background



This preview shows how black text looks on a background with the RGB color 188, 231, 209.

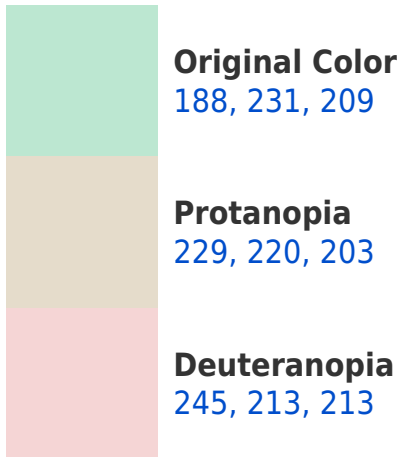


This preview shows how white text looks on a background with the RGB color 188, 231, 209.

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





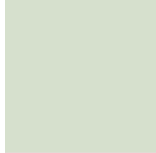
Tritanopia
194, 226, 244

Trichromacy



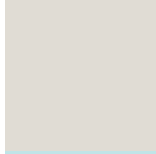
Original Color

188, 231, 209



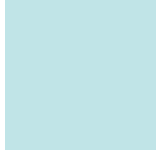
Protanomaly

214, 224, 205



Deuteranomaly

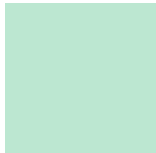
224, 220, 212



Tritanomaly

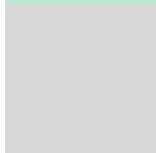
192, 228, 231

Monochromacy



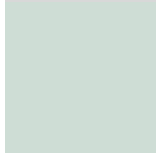
Original Color

188, 231, 209



Achromatopsia

216, 216, 216



Achromatomaly

206, 221, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 231, 209 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(188, 231, 209)` looks like.

```
.text, #text, p{  
    color:rgb(188, 231, 209)  
}
```

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(188, 231, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 231, 209) }
```

Border

The CSS property to change the border of an element to RGB 188, 231, 209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

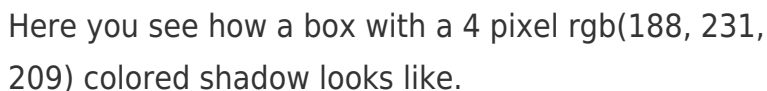
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 231, 209) }
```

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

```
.border{ border-color:rgb(188, 231, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 231, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 231, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 231, 209); box-shadow:4px 4px 4px 4px rgb(188, 231, 209) }
```

Background

The CSS property to change the background color of an element to RGB 188, 231, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 231, 209) }
```

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

```
.background{ background-color: rgb(188,  
231, 209) }
```

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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