

Converting Colors

RGB(187, 225, 202)

Have a look what the booklet for
RGB(187, 225, 202) contains.

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Color

RGB(187, 225, 202)

Conversions

Conversions Part 1

Format	Color
Hex	BBE1CA
RGB	187, 225, 202
RGB Percent	73%, 88%, 79%
CMY	0.2667, 0.1176, 0.2078
CMYK	0.17, 0.00, 0.10, 0.12
HSL	144°, 39%, 81%
HSV	144°, 17%, 88%
XYZ	58.0794, 68.6795, 66.0725
YIQ	211.0160, -15.2650, -15.2090

Conversions

Conversions Part 2

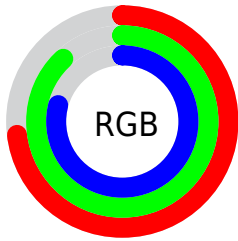
Format	Color
RYB	187, 214, 225
Decimal	12313034
CIELab	86.35, -16.85, 7.13
CIELCh	86, 18.299, 157.055
Yxy	68.6795, 0.3012, 0.3562
Android (android.graphics.Color)	4290503114 (0xFFBBE1CA)
YUV	211.0160, -4.4449, -21.0620
Hunter-Lab	82.8731, -19.9309, 10.7409

Details

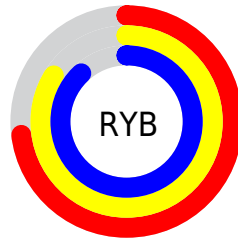
The RGB color **187, 225, 202** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 187, 210**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **243, 255, 255**, and **133, 170, 148** is the 20% darker color. If you saturate the color by 10%, you get **164, 225, 188**, and if you desaturate by 10%, it is **210, 225, 216**.

Distribution



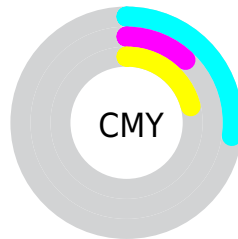
- Red (73%)
- Green (88%)
- Blue (79%)



- Red (73%)
- Yellow (84%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (27%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 225, 202 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 187, 225, 202 by changing the saturation by 10% instead.

 187, 225, 202

255, 255, 255


 243, 255, 255

 187, 225, 202


 160, 197, 175

 133, 170, 148

 108, 143, 122

 83, 117, 97

 59, 93, 74

 36, 69, 51

 14, 46, 30

 0, 27, 5

 0, 0, 0

 187, 225, 202

 187, 225, 202

 164, 225, 188

 210, 225, 216

 142, 225, 175

 232, 225, 229

 119, 225, 161

 255, 225, 243

 97, 225, 148

 255, 225, 255

 75, 225, 134

 52, 225, 120

 30, 225, 107

 7, 225, 93

 0, 225, 89

Harmonies

Analogous

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



206, 221, 188



187, 225, 202



174, 226, 220

Triad

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



187, 225, 202



202, 216, 250



252, 206, 196

Complementary

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



187, 225, 202



225, 187, 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.



252, 204, 212



187, 225, 202



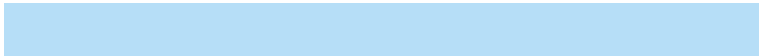
224, 210, 244

Square

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



187, 225, 202



182, 222, 247



242, 206, 230



242, 210, 185

Rectangle

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



187, 225, 202



171, 226, 231



242, 206, 230



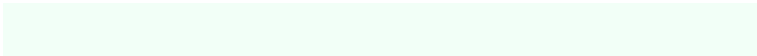
253, 205, 201

Sweetspot

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



187, 225, 202



242, 255, 247



210, 225, 187



120, 128, 123



0, 0, 0



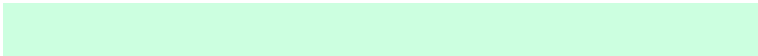
128, 128, 128

Same Dimension

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



187, 225, 202



204, 255, 224



187, 225, 221



101, 112, 105



0, 176, 69



0, 48, 19

Inverse Universe

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



225, 187, 210



255, 204, 235



225, 187, 191



112, 101, 108



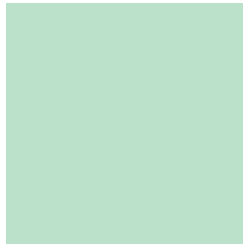
176, 0, 106



48, 0, 29

Previews

White Background



This preview shows how the RGB color 187, 225, 202 looks on a white background.

Color Contrast Check

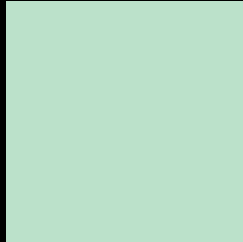
Large Text (above 18pt) WCAG AA × Fail

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 187, 225, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

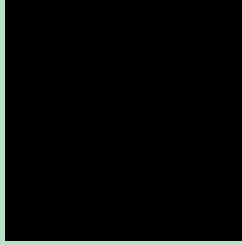
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

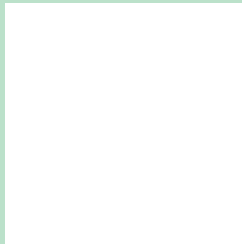
Any Text WCAG AAA ✓ Pass

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

RGB 187, 225, 202 Background



This preview shows how black text looks on a background with the RGB color 187, 225, 202.

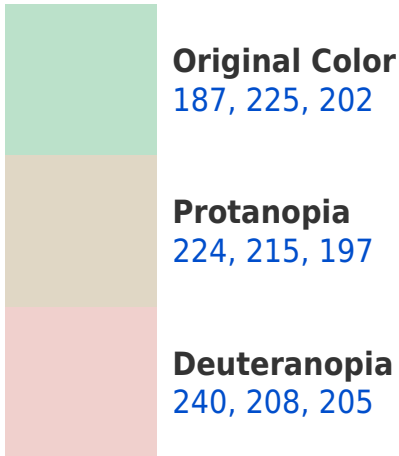


This preview shows how white text looks on a background with the RGB color 187, 225, 202.

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](#).

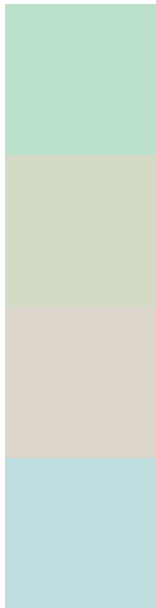
Dichromacy





Tritanopia
193, 220, 237

Trichromacy



Original Color
187, 225, 202

Protanomaly
211, 219, 199

Deuteranomaly
221, 214, 204

Tritanomaly
191, 222, 224

Monochromacy



Original Color
187, 225, 202

Achromatopsia
211, 211, 211

Achromatomaly
202, 216, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 225, 202 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(187, 225, 202)` looks like.

```
.text, #text, p{  
    color:rgb(187, 225, 202)  
}
```

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(187, 225, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 225, 202) }
```

Border

The CSS property to change the border of an element to RGB 187, 225, 202 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(187, 225, 202) }
```

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

```
.border{ border-color:rgb(187, 225, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 225, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 225, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 225, 202);  
box-shadow:4px 4px 4px 4px rgb(187, 225,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 187, 225, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 225, 202) }
```

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

```
.background{ background-color: rgb(187,  
225, 202) }
```

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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