

Converting Colors

RGB(187, 222, 215)

Have a look what the booklet for
RGB(187, 222, 215) contains.

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Color

RGB(187, 222, 215)

Conversions

Conversions Part 1

Format	Color
Hex	BBDED7
RGB	187, 222, 215
RGB Percent	73%, 87%, 84%
CMY	0.2667, 0.1294, 0.1569
CMYK	0.16, 0.00, 0.03, 0.13
HSL	168°, 35%, 80%
HSV	168°, 16%, 87%
XYZ	58.8805, 67.7136, 74.2567
YIQ	210.7370, -18.6130, -9.5970

Conversions

Conversions Part 2

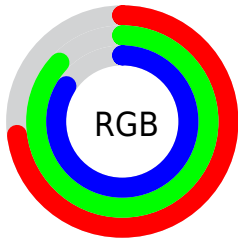
Format	Color
R _Y B	187, 206, 222
Decimal	12312279
CIE Lab	85.86, -12.83, -0.42
CIE LCh	86, 12.838, 181.867
Yxy	67.7136, 0.2932, 0.3371
Android (android.graphics.Color)	4290502359 (0xFFBBDED7)
YUV	210.7370, 2.1017, -20.8173
Hunter-Lab	82.2883, -16.2807, 4.0987

Details

The RGB color **187, 222, 215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **222, 187, 194**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **243, 255, 255**, and **133, 167, 160** is the 20% darker color. If you saturate the color by 10%, you get **165, 222, 211**, and if you desaturate by 10%, it is **209, 222, 219**.

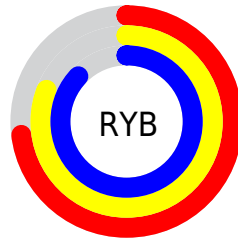
Distribution



Red (73%)

Green (87%)

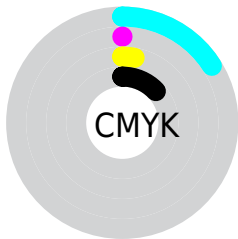
Blue (84%)



Red (73%)

Yellow (81%)

Blue (87%)

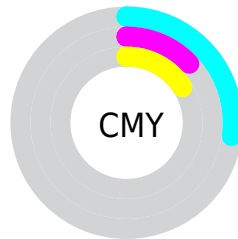


Cyan (16%)

Magenta (0%)

Yellow (3%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 222, 215 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, 222, 215 by changing the saturation by 10% instead.

 187, 222, 215

255, 255, 255


 243, 255, 255

 187, 222, 215

 160, 194, 187

 133, 167, 160

 108, 140, 134

 83, 115, 109

 59, 90, 85

 36, 67, 62

 13, 44, 40

 0, 25, 19

 0, 0, 0

 187, 222, 215

 187, 222, 215

 165, 222, 211

 209, 222, 219

 143, 222, 206

 231, 222, 224

 120, 222, 202

 254, 222, 228

 98, 222, 197

 255, 222, 233

 76, 222, 193

 255, 222, 237

 54, 222, 188

 255, 222, 242

 32, 222, 184

 255, 222, 246

 9, 222, 179

 255, 222, 251

 0, 222, 178

 255, 222, 255

Harmonies

Analogous

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



197, 221, 203



187, 222, 215



184, 221, 227

Triad

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



187, 222, 215



218, 211, 235



235, 210, 194

Complementary

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



187, 222, 215



222, 187, 194

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.



241, 207, 202



187, 222, 215



232, 208, 226

Square

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



187, 222, 215



203, 215, 239



240, 207, 214



224, 214, 191

Rectangle

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



187, 222, 215



187, 220, 233



240, 207, 214



238, 209, 196

Sweetspot

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



187, 222, 215



242, 255, 252



194, 222, 187



120, 128, 126



0, 0, 0



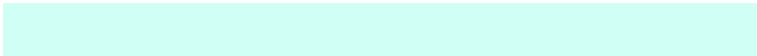
128, 128, 128

Same Dimension

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



187, 222, 215



207, 255, 245



187, 211, 222



101, 112, 110



0, 176, 141



0, 48, 39

Inverse Universe

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



222, 187, 194



255, 207, 216



222, 197, 187



112, 101, 103



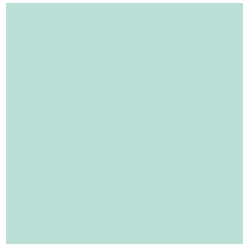
176, 0, 35



48, 0, 10

Previews

White Background



This preview shows how the RGB color 187, 222, 215 looks on a white background.

Color Contrast Check

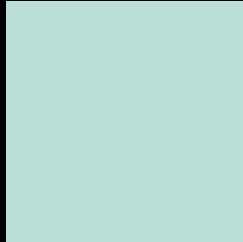
Large Text (above 18pt) WCAG AA × Fail

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, 222, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

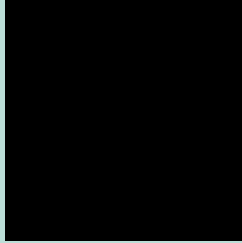
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

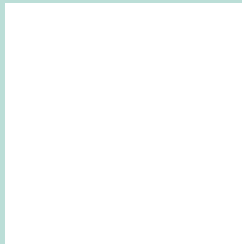
Any Text WCAG AAA ✓ Pass

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

RGB 187, 222, 215 Background



This preview shows how black text looks on a background with the RGB color 187, 222, 215.



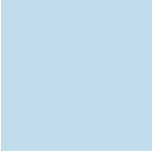
This preview shows how white text looks on a background with the RGB color 187, 222, 215.

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](#).

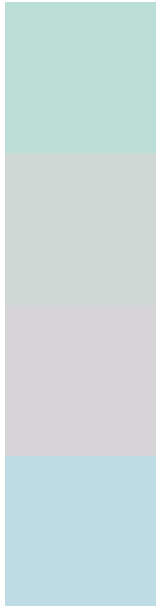
Dichromacy





Tritanopia
191, 219, 236

Trichromacy



Original Color
187, 222, 215

Protanomaly
207, 216, 212

Deuteranomaly
216, 213, 217

Tritanomaly
190, 220, 228

Monochromacy



Original Color
187, 222, 215

Achromatopsia
211, 211, 211

Achromatomaly
202, 215, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 222, 215 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, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(187, 222, 215)  
}
```

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, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 222, 215) }
```

Border

The CSS property to change the border of an element to RGB 187, 222, 215 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, 222, 215) }
```

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

```
.border{ border-color:rgb(187, 222, 215) }
```

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

Here you see how a box with a 4 pixel rgb(187, 222, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(187, 222,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 187, 222, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 222, 215) }
```

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

```
.background{ background-color: rgb(187,  
222, 215) }
```

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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