

Converting Colors

RGB(189, 224, 215)

Have a look what the booklet for
RGB(189, 224, 215) contains.

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Color

RGB(189, 224, 215)

Conversions

Conversions Part 1

Format	Color
Hex	BDE0D7
RGB	189, 224, 215
RGB Percent	74%, 88%, 84%
CMY	0.2588, 0.1216, 0.1569
CMYK	0.16, 0.00, 0.04, 0.12
HSL	165°, 36%, 81%
HSV	165°, 16%, 88%
XYZ	59.9077, 69.0364, 74.4579
YIQ	212.5090, -17.9710, -10.2190

Conversions

Conversions Part 2

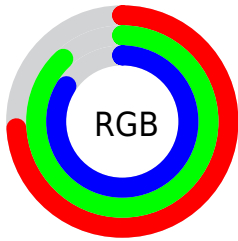
Format	Color
RYB	189, 209, 224
Decimal	12443863
CIELab	86.52, -13.21, 0.56
CIElCh	87, 13.219, 177.576
Yxy	69.0364, 0.2945, 0.3394
Android (android.graphics.Color)	4290633943 (0xFFBDE0D7)
YUV	212.5090, 1.2281, -20.6174
Hunter-Lab	83.0882, -16.7034, 5.0301

Details

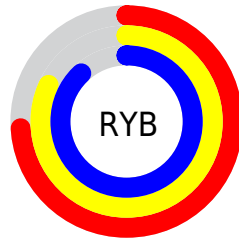
The RGB color **189, 224, 215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **224, 189, 198**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **246, 255, 255**, and **135, 169, 160** is the 20% darker color. If you saturate the color by 10%, you get **167, 224, 209**, and if you desaturate by 10%, it is **211, 224, 221**.

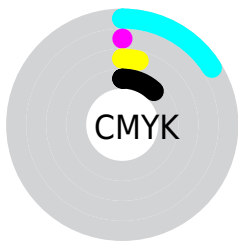
Distribution



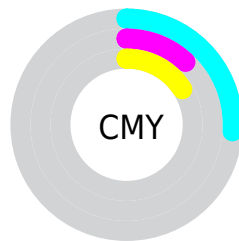
- Red (74%)
- Green (88%)
- Blue (84%)



- Red (74%)
- Yellow (82%)
- Blue (88%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (26%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 224, 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 189, 224, 215 by changing the saturation by 10% instead.

 189, 224, 215


255, 255, 255


 246, 255, 255


 189, 224, 215

 162, 196, 187

 135, 169, 160

 110, 142, 134

 85, 117, 109

 61, 92, 85

 38, 68, 62

 15, 46, 40

 0, 26, 19

 0, 0, 0

 189, 224, 215

 189, 224, 215

 167, 224, 209

 211, 224, 221

 144, 224, 203

 234, 224, 227

 122, 224, 198

 255, 224, 232

 99, 224, 192

 255, 224, 238

 77, 224, 186

 255, 224, 244

 55, 224, 180

 255, 224, 250

 32, 224, 175

 255, 224, 255

 10, 224, 169

 0, 224, 166

Harmonies

Analogous

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



200, 222, 203



189, 224, 215



185, 224, 228

Triad

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



189, 224, 215



218, 214, 239



239, 211, 196

Complementary

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



189, 224, 215



224, 189, 198

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.



244, 209, 205



189, 224, 215



232, 210, 230

Square

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



189, 224, 215



202, 218, 241



241, 208, 218



228, 215, 192

Rectangle

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



189, 224, 215



187, 222, 235



241, 208, 218



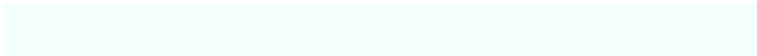
241, 210, 199

Sweetspot

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



189, 224, 215



242, 255, 252



198, 224, 189



120, 128, 126



0, 0, 0



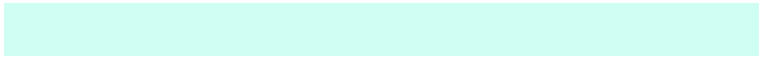
128, 128, 128

Same Dimension

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



189, 224, 215



207, 255, 243



189, 216, 224



101, 112, 109



0, 176, 131



0, 48, 36

Inverse Universe

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



224, 189, 198



255, 207, 219



224, 197, 189



112, 101, 104



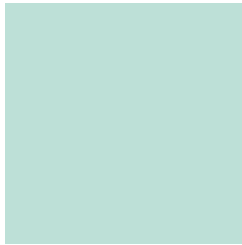
176, 0, 45



48, 0, 12

Previews

White Background



This preview shows how the RGB color 189, 224, 215 looks on a white background.

Color Contrast Check

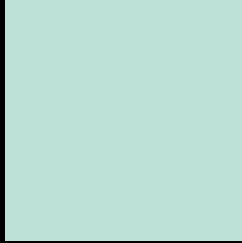
Large Text (above 18pt) WCAG AA × Fail

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 189, 224, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

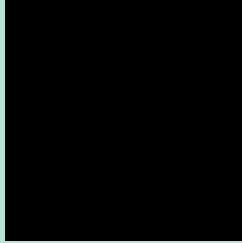
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

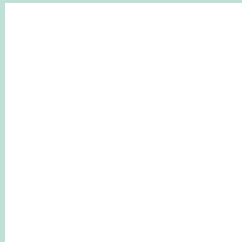
Any Text WCAG AAA ✓ Pass

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

RGB 189, 224, 215 Background



This preview shows how black text looks on a background with the RGB color 189, 224, 215.



This preview shows how white text looks on a background with the RGB color 189, 224, 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
193, 221, 238

Trichromacy



Original Color
189, 224, 215

Protanomaly
209, 218, 212

Deuteranomaly
219, 214, 217

Tritanomaly
192, 222, 230

Monochromacy



Original Color
189, 224, 215

Achromatopsia
213, 213, 213

Achromatomaly
204, 217, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 224, 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(189, 224, 215)` looks like.

```
.text, #text, p{  
    color:rgb(189, 224, 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(189, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 224, 215) }
```

Border

The CSS property to change the border of an element to RGB 189, 224, 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(189, 224, 215) }
```

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

```
.border{ border-color:rgb(189, 224, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 224, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(189, 224,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 189, 224, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 224, 215) }
```

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

```
.background{ background-color: rgb(189,  
224, 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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