

Converting Colors

RGB(186, 224, 208)

Have a look what the booklet for
RGB(186, 224, 208) contains.

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Color

RGB(186, 224, 208)

Conversions

Conversions Part 1

Format	Color
Hex	BAE0D0
RGB	186, 224, 208
RGB Percent	73%, 88%, 82%
CMY	0.2706, 0.1216, 0.1843
CMYK	0.17, 0.00, 0.07, 0.12
HSL	155°, 38%, 80%
HSV	155°, 17%, 88%
XYZ	58.2905, 68.3045, 69.7864
YIQ	210.8140, -17.5120, -13.0320

Conversions

Conversions Part 2

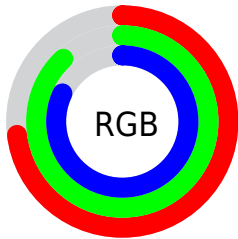
Format	Color
R _{YB}	186, 210, 224
Decimal	12247248
CIE Lab	86.16, -15.53, 3.70
CIE LCh	86, 15.967, 166.612
Yxy	68.3045, 0.2968, 0.3478
Android (android.graphics.Color)	4290437328 (0xFFBAE0D0)
YUV	210.8140, -1.3873, -21.7619
Hunter-Lab	82.6465, -18.7355, 7.7884

Details

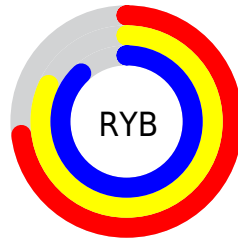
The RGB color **186, 224, 208** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **224, 186, 202**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **242, 255, 255**, and **132, 169, 154** is the 20% darker color. If you saturate the color by 10%, you get **164, 224, 199**, and if you desaturate by 10%, it is **208, 224, 217**.

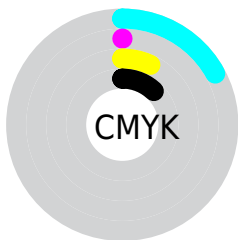
Distribution



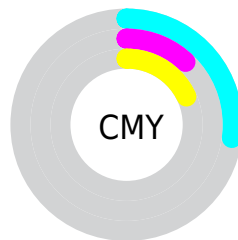
- Red (73%)
- Green (88%)
- Blue (82%)



- Red (73%)
- Yellow (82%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (27%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 224, 208 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 186, 224, 208 by changing the saturation by 10% instead.

 186, 224, 208

255, 255, 255


 242, 255, 255

 186, 224, 208

 159, 196, 180

 132, 169, 154

 107, 142, 128

 82, 117, 103

 58, 92, 79

 35, 68, 56

 12, 46, 34

 0, 26, 13

 0, 0, 0

 186, 224, 208

 186, 224, 208

 164, 224, 199

 208, 224, 217

 141, 224, 189

 231, 224, 227

 119, 224, 180

 253, 224, 236

 96, 224, 170

 255, 224, 246

 74, 224, 161

 255, 224, 255

 52, 224, 151

 29, 224, 142

 7, 224, 133

 0, 224, 130

Harmonies

Analogous

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



201, 221, 194



186, 224, 208



177, 224, 224

Triad

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



186, 224, 208



210, 214, 244



245, 208, 194

Complementary

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



186, 224, 208



224, 186, 202

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.



248, 205, 207



186, 224, 208



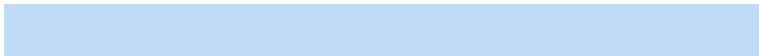
229, 209, 236

Square

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



186, 224, 208



191, 219, 245



242, 206, 223



234, 212, 186

Rectangle

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



186, 224, 208



177, 224, 233



242, 206, 223



247, 207, 198

Sweetspot

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



186, 224, 208



242, 255, 250



202, 224, 186



120, 128, 124



0, 0, 0



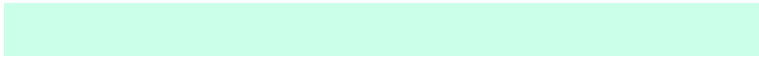
128, 128, 128

Same Dimension

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



186, 224, 208



204, 255, 234



186, 221, 224



101, 112, 107



0, 176, 102



0, 48, 28

Inverse Universe

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



224, 186, 202



255, 204, 225



224, 189, 186



112, 101, 106



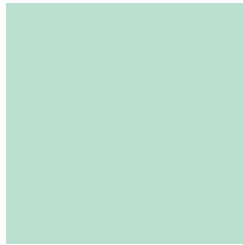
176, 0, 74



48, 0, 20

Previews

White Background



This preview shows how the RGB color 186, 224, 208 looks on a white background.

Color Contrast Check

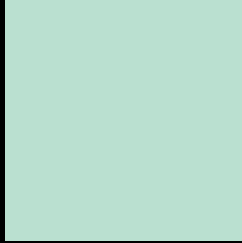
Large Text (above 18pt) WCAG AA × Fail

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 186, 224, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

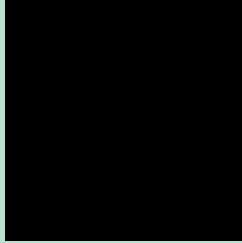
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

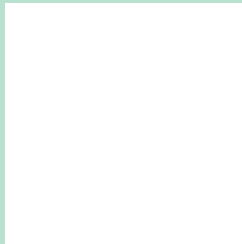
Any Text WCAG AAA ✓ Pass

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

RGB 186, 224, 208 Background



This preview shows how black text looks on a background with the RGB color 186, 224, 208.



This preview shows how white text looks on a background with the RGB color 186, 224, 208.

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





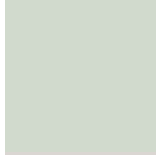
Tritanopia
191, 220, 237

Trichromacy



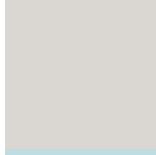
Original Color

186, 224, 208



Protanomaly

209, 218, 205



Deuteranomaly

218, 214, 210



Tritanomaly

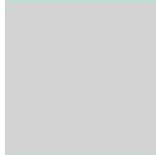
189, 221, 226

Monochromacy



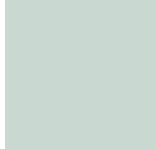
Original Color

186, 224, 208



Achromatopsia

211, 211, 211



Achromatomaly

202, 216, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 224, 208 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(186, 224, 208)` looks like.

```
.text, #text, p{  
    color:rgb(186, 224, 208)  
}
```

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(186, 224, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 224, 208) }
```

Border

The CSS property to change the border of an element to RGB 186, 224, 208 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(186, 224, 208) }
```

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

```
.border{ border-color:rgb(186, 224, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 224, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 224, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 224, 208);  
box-shadow:4px 4px 4px 4px rgb(186, 224,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 186, 224, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 224, 208) }
```

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

```
.background{ background-color: rgb(186,  
224, 208) }
```

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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