

Converting Colors

RGB(186, 229, 215)

Have a look what the booklet for
RGB(186, 229, 215) contains.

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Color

RGB(186, 229, 215)

Conversions

Conversions Part 1

Format	Color
Hex	BAE5D7
RGB	186, 229, 215
RGB Percent	73%, 90%, 84%
CMY	0.2706, 0.1020, 0.1569
CMYK	0.19, 0.00, 0.06, 0.10
HSL	160°, 45%, 81%
HSV	160°, 19%, 90%
XYZ	60.5348, 71.3840, 74.8780
YIQ	214.5470, -21.1340, -13.4700

Conversions

Conversions Part 2

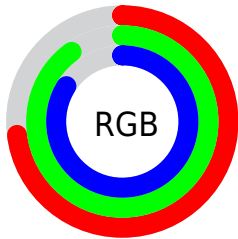
Format	Color
RYB	186, 212, 229
Decimal	12248535
CIELab	87.67, -16.67, 2.21
CIELCh	88, 16.816, 172.449
Yxy	71.3840, 0.2927, 0.3452
Android (android.graphics.Color)	4290438615 (0xFFBAE5D7)
YUV	214.5470, 0.2233, -25.0357
Hunter-Lab	84.4891, -19.9641, 6.5969

Details

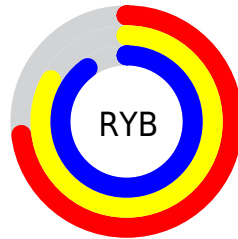
The RGB color **186, 229, 215** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **229, 186, 200**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **243, 255, 255**, and **132, 173, 160** is the 20% darker color. If you saturate the color by 10%, you get **163, 229, 208**, and if you desaturate by 10%, it is **209, 229, 222**.

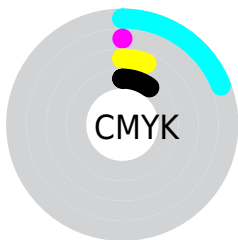
Distribution



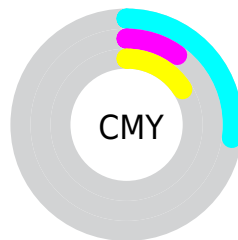
- Red (73%)
- Green (90%)
- Blue (84%)



- Red (73%)
- Yellow (83%)
- Blue (90%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (27%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 229, 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 186, 229, 215 by changing the saturation by 10% instead.


 186, 229, 215

255, 255, 255


 243, 255, 255

 186, 229, 215

 159, 201, 187

 132, 173, 160

 106, 147, 134

 82, 121, 109

 57, 96, 85

 34, 72, 62

 9, 49, 40

 0, 29, 19

 0, 0, 0

 186, 229, 215

 186, 229, 215

 163, 229, 208

 209, 229, 222

 140, 229, 200

 232, 229, 230

 117, 229, 193

 255, 229, 237

 94, 229, 185

 255, 229, 245

 71, 229, 178

 255, 229, 252

 49, 229, 170

 255, 229, 255

 26, 229, 163

 3, 229, 155

 0, 229, 154

Harmonies

Analogous

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



201, 227, 200



186, 229, 215



179, 229, 231

Triad

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



186, 229, 215



218, 217, 249



249, 212, 195

Complementary

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



186, 229, 215



229, 186, 200

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.



254, 209, 208



186, 229, 215



237, 212, 239

Square

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



186, 229, 215



198, 222, 251



250, 209, 224



237, 217, 188

Rectangle

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



186, 229, 215



180, 228, 241



250, 209, 224



252, 211, 199

Sweetspot

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



186, 229, 215



240, 255, 250



200, 229, 186



119, 128, 125



0, 0, 0



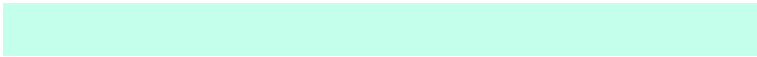
128, 128, 128

Same Dimension

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



186, 229, 215



196, 255, 236



186, 222, 229



103, 115, 111



0, 179, 120



0, 51, 34

Inverse Universe

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



229, 186, 200



255, 196, 215



229, 193, 186



115, 103, 107



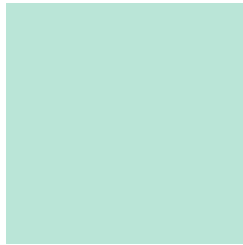
179, 0, 58



51, 0, 17

Previews

White Background



This preview shows how the RGB color 186, 229, 215 looks on a white background.

Color Contrast Check

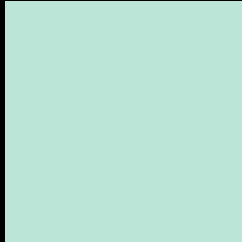
Large Text (above 18pt) WCAG AA × Fail

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 186, 229, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

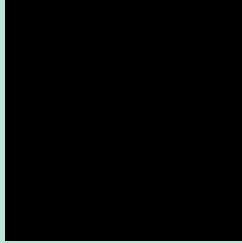
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

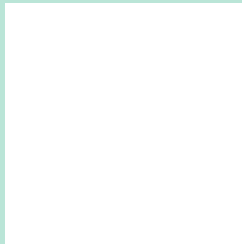
Any Text WCAG AAA ✓ Pass

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

RGB 186, 229, 215 Background



This preview shows how black text looks on a background with the RGB color 186, 229, 215.



This preview shows how white text looks on a background with the RGB color 186, 229, 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





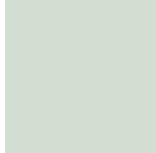
Tritanopia
191, 225, 243

Trichromacy



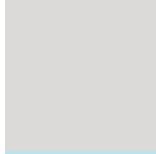
Original Color

186, 229, 215



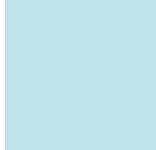
Protanomaly

211, 222, 211



Deuteranomaly

220, 218, 217



Tritanomaly

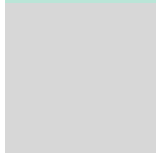
189, 226, 233

Monochromacy



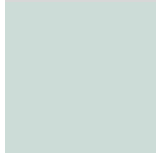
Original Color

186, 229, 215



Achromatopsia

215, 215, 215



Achromatomaly

204, 220, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 229, 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(186, 229, 215)` looks like.

```
.text, #text, p{  
    color:rgb(186, 229, 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(186, 229, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 229, 215) }
```

Border

The CSS property to change the border of an element to RGB 186, 229, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

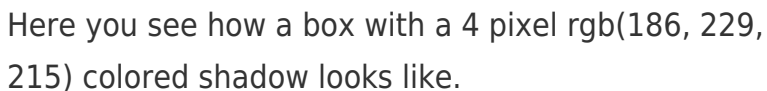
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 229, 215) }
```

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

```
.border{ border-color:rgb(186, 229, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 229, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 229, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 229, 215); box-shadow:4px 4px 4px 4px rgb(186, 229, 215) }
```

Background

The CSS property to change the background color of an element to RGB 186, 229, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 229, 215) }
```

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

```
.background{ background-color: rgb(186,  
229, 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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