

Converting Colors

RGB(186, 235, 185)

Have a look what the booklet for
RGB(186, 235, 185) contains.

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Color

RGB(186, 235, 185)

Conversions

Conversions Part 1

Format	Color
Hex	BAEBB9
RGB	186, 235, 185
RGB Percent	73%, 92%, 73%
CMY	0.2706, 0.0784, 0.2745
CMYK	0.21, 0.00, 0.21, 0.08
HSL	119°, 56%, 82%
HSV	119°, 21%, 92%
XYZ	58.7150, 73.3585, 56.9639
YIQ	214.6490, -13.1540, -25.9380

Conversions

Conversions Part 2

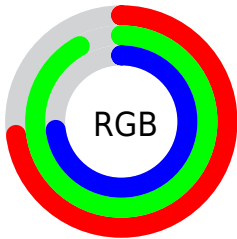
Format	Color
RYB	185, 235, 234
Decimal	12250041
CIELab	88.62, -25.11, 19.22
CIELCh	89, 31.621, 142.563
Yxy	73.3585, 0.3106, 0.3881
Android (android.graphics.Color)	4290440121 (0xFFBAEBB9)
YUV	214.6490, -14.6170, -25.1252
Hunter-Lab	85.6496, -27.5205, 20.5221

Details

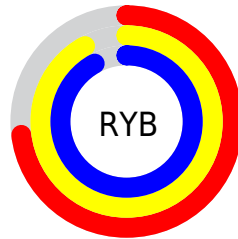
The RGB color **186, 235, 185** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **234, 185, 235**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **243, 255, 241**, and **132, 179, 132** is the 20% darker color. If you saturate the color by 10%, you get **163, 235, 162**, and if you desaturate by 10%, it is **209, 235, 209**.

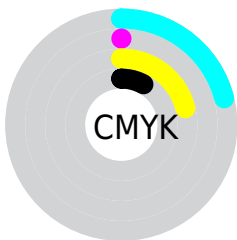
Distribution



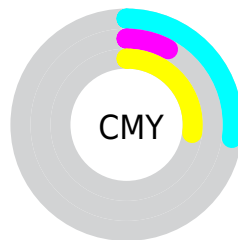
- Red (73%)
- Green (92%)
- Blue (73%)



- Red (73%)
- Yellow (92%)
- Blue (92%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)



- Cyan (27%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 235, 185 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, 235, 185 by changing the saturation by 10% instead.


 186, 235, 185

255, 255, 255

 243, 255, 241

 186, 235, 185

 159, 207, 158

 132, 179, 132

 106, 152, 106

 81, 126, 82

 56, 101, 59

 32, 77, 36

 6, 53, 15

 0, 33, 0

 0, 0, 0

 186, 235, 185

 186, 235, 185

 163, 235, 162

 209, 235, 209


 140, 235, 138

 232, 235, 232

 117, 235, 115

 255, 235, 255

 94, 235, 91

 71, 235, 68

 48, 235, 44

 25, 235, 21

 5, 235, 0

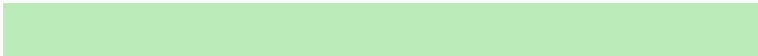
Harmonies

Analogous

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



221, 228, 166



186, 235, 185



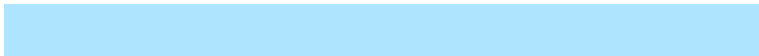
153, 239, 214

Triad

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



186, 235, 185



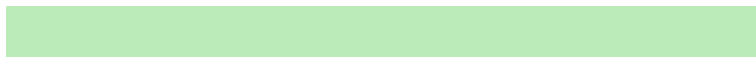
175, 228, 255



255, 202, 201

Complementary

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



186, 235, 185



234, 185, 235

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.



255, 201, 231



186, 235, 185



217, 217, 255

Square

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



186, 235, 185



141, 235, 255



254, 207, 255



255, 208, 176

Rectangle

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



186, 235, 185



138, 239, 234



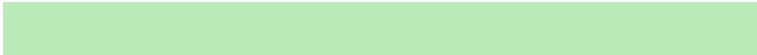
254, 207, 255



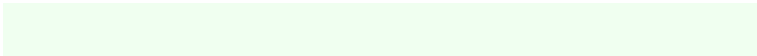
255, 201, 211

Sweetspot

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



186, 235, 185



240, 255, 240



235, 233, 185



119, 128, 119



0, 0, 0



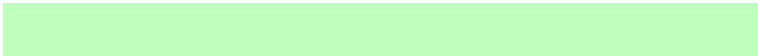
128, 128, 128

Same Dimension

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



186, 235, 185



190, 255, 189



185, 235, 208



106, 117, 106



4, 181, 0



1, 54, 0

Inverse Universe

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



234, 185, 235



254, 189, 255



235, 185, 212



117, 106, 117



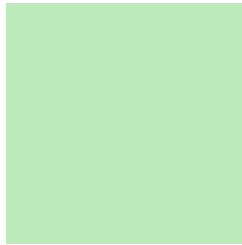
177, 0, 181



52, 0, 54

Previews

White Background



This preview shows how the RGB color 186, 235, 185 looks on a white background.

Color Contrast Check

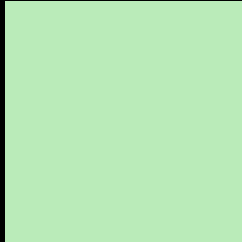
Large Text (above 18pt) WCAG AA × Fail

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, 235, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

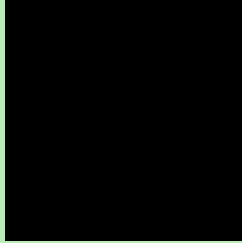
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

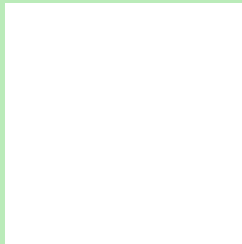
Any Text WCAG AAA ✓ Pass

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

RGB 186, 235, 185 Background



This preview shows how black text looks on a background with the RGB color 186, 235, 185.

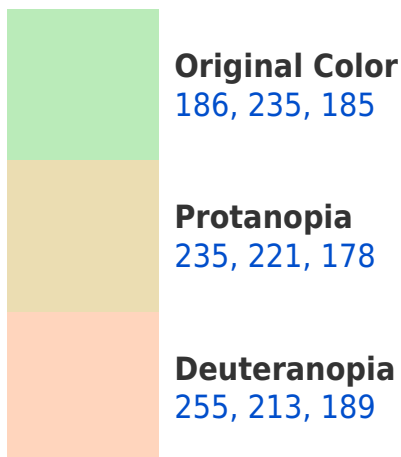


This preview shows how white text looks on a background with the RGB color 186, 235, 185.

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





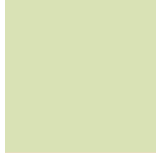
Tritanopia
196, 227, 245

Trichromacy



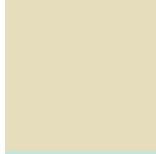
Original Color

186, 235, 185



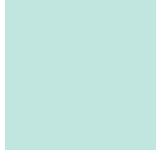
Protanomaly

217, 226, 181



Deuteranomaly

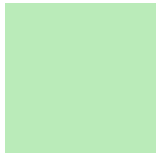
230, 221, 188



Tritanomaly

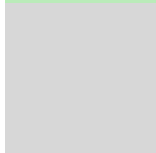
192, 230, 223

Monochromacy



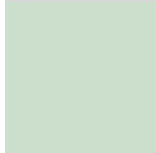
Original Color

186, 235, 185



Achromatopsia

215, 215, 215



Achromatomaly

204, 222, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 235, 185 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, 235, 185)` looks like.

```
.text, #text, p{  
    color:rgb(186, 235, 185)  
}
```

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, 235, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 235, 185) }
```

Border

The CSS property to change the border of an element to RGB 186, 235, 185 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, 235, 185) }
```

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

```
.border{ border-color:rgb(186, 235, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 235, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 235, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 235, 185); box-shadow:4px 4px 4px 4px rgb(186, 235, 185) }
```

Background

The CSS property to change the background color of an element to RGB 186, 235, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 235, 185) }
```

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

```
.background{ background-color: rgb(186,  
235, 185) }
```

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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