

Converting Colors

RGB(187, 235, 174)

Have a look what the booklet for
RGB(187, 235, 174) contains.

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Color

RGB(187, 235, 174)

Conversions

Conversions Part 1

Format	Color
Hex	BBEBAE
RGB	187, 235, 174
RGB Percent	73%, 92%, 68%
CMY	0.2667, 0.0784, 0.3176
CMYK	0.20, 0.00, 0.26, 0.08
HSL	107°, 60%, 80%
HSV	107°, 26%, 92%
XYZ	57.8418, 73.0374, 51.0934
YIQ	213.6940, -9.0270, -29.1470

Conversions

Conversions Part 2

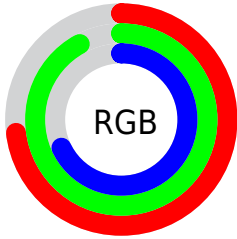
Format	Color
R _{YB}	174, 235, 222
Decimal	12315566
CIE Lab	88.47, -26.57, 24.70
CIE LCh	88, 36.275, 137.094
Yxy	73.0374, 0.3179, 0.4014
Android (android.graphics.Color)	4290505646 (0xFFBBEBAE)
YUV	213.6940, -19.5691, -23.4106
Hunter-Lab	85.4620, -28.7471, 24.3768

Details

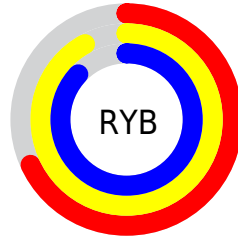
The RGB color **187, 235, 174** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **222, 174, 235**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **244, 255, 230**, and **133, 179, 121** is the 20% darker color. If you saturate the color by 10%, you get **169, 235, 151**, and if you desaturate by 10%, it is **205, 235, 198**.

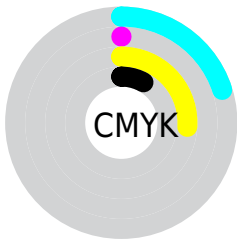
Distribution



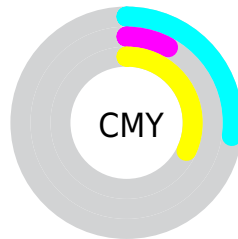
- Red (73%)
- Green (92%)
- Blue (68%)



- Red (68%)
- Yellow (92%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)



- Cyan (27%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 235, 174 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, 235, 174 by changing the saturation by 10% instead.

 187, 235, 174

 187, 235, 174


255, 255, 255


 160, 207, 147

 244, 255, 230

 133, 179, 121

 107, 152, 96

 82, 126, 72

 57, 101, 49

 32, 77, 26

 6, 53, 2

 0, 33, 0

 0, 0, 0

■ 187, 235, 174

■ 187, 235, 174

■ 169, 235, 151

■ 205, 235, 198

■ 150, 235, 127

■ 224, 235, 221

■ 132, 235, 104

■ 242, 235, 244

■ 113, 235, 80

■ 255, 235, 255

■ 95, 235, 56

■ 76, 235, 33

■ 58, 235, 10

■ 50, 235, 0

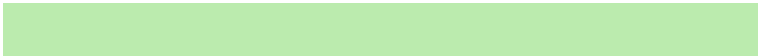
Harmonies

Analogous

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



226, 226, 155



187, 235, 174



147, 240, 205

Triad

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



187, 235, 174



155, 230, 255



255, 197, 203

Complementary

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



187, 235, 174



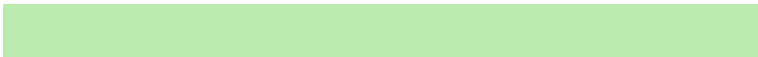
222, 174, 235

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, 198, 238



187, 235, 174



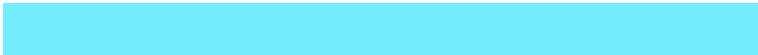
206, 218, 255

Square

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



187, 235, 174



117, 238, 255



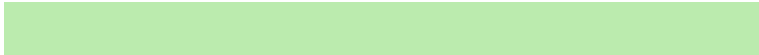
251, 206, 255



255, 204, 173

Rectangle

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



187, 235, 174



124, 241, 229



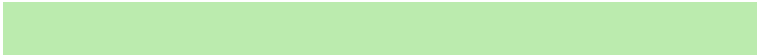
251, 206, 255



255, 196, 215

Sweetspot

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



187, 235, 174



239, 255, 235



235, 222, 174



117, 128, 115



0, 0, 0



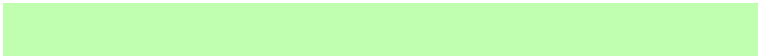
128, 128, 128

Same Dimension

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



187, 235, 174



193, 255, 176



174, 235, 191



108, 117, 106



39, 181, 0



11, 54, 0

Inverse Universe

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



222, 174, 235



238, 176, 255



235, 174, 218



115, 106, 117



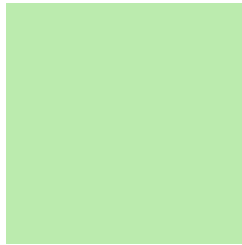
142, 0, 181



42, 0, 54

Previews

White Background



This preview shows how the RGB color 187, 235, 174 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, 235, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

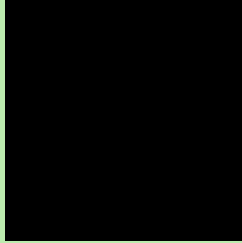
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

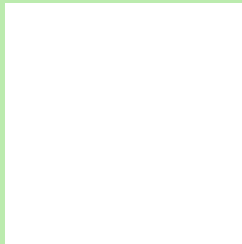
Any Text WCAG AAA ✓ Pass

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

RGB 187, 235, 174 Background



This preview shows how black text looks on a background with the RGB color 187, 235, 174.

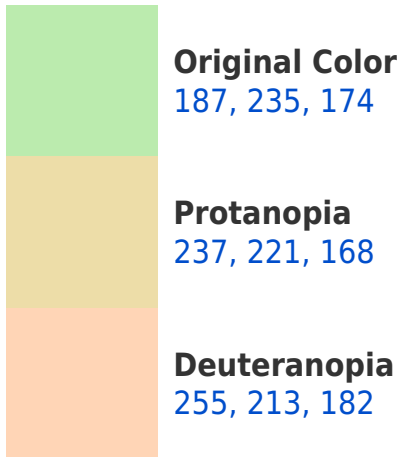


This preview shows how white text looks on a background with the RGB color 187, 235, 174.

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
198, 226, 244

Trichromacy



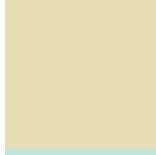
Original Color

187, 235, 174



Protanomaly

219, 226, 170



Deuteranomaly

230, 221, 179



Tritanomaly

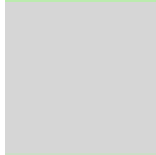
194, 229, 219

Monochromacy



Original Color

187, 235, 174



Achromatopsia

214, 214, 214



Achromatomaly

204, 222, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 235, 174 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, 235, 174)` looks like.

```
.text, #text, p{  
    color:rgb(187, 235, 174)  
}
```

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, 235, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 235, 174) }
```

Border

The CSS property to change the border of an element to RGB 187, 235, 174 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, 235, 174) }
```

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

```
.border{ border-color:rgb(187, 235, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 235, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 235, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 235, 174);  
box-shadow:4px 4px 4px 4px rgb(187, 235,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 187, 235, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 235, 174) }
```

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

```
.background{ background-color: rgb(187,  
235, 174) }
```

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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