

Converting Colors

RGB(185, 227, 177)

Have a look what the booklet for
RGB(185, 227, 177) contains.

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Color

RGB(185, 227, 177)

Conversions

Conversions Part 1

Format	Color
Hex	B9E3B1
RGB	185, 227, 177
RGB Percent	73%, 89%, 69%
CMY	0.2745, 0.1098, 0.3059
CMYK	0.19, 0.00, 0.22, 0.11
HSL	110°, 47%, 79%
HSV	110°, 22%, 89%
XYZ	55.4125, 68.4268, 51.8821
YIQ	208.7420, -8.9820, -24.4540

Conversions

Conversions Part 2

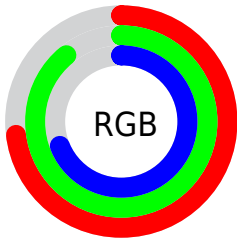
Format	Color
RYB	177, 227, 219
Decimal	12182449
CIELab	86.22, -22.91, 20.03
CIElCh	86, 30.427, 138.835
Yxy	68.4268, 0.3153, 0.3894
Android (android.graphics.Color)	4290372529 (0xFFB9E3B1)
YUV	208.7420, -15.6488, -20.8217
Hunter-Lab	82.7205, -25.1879, 20.7178

Details

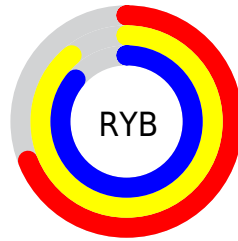
The RGB color **185, 227, 177** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **219, 177, 227**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **242, 255, 233**, and **131, 171, 124** is the 20% darker color. If you saturate the color by 10%, you get **166, 227, 154**, and if you desaturate by 10%, it is **204, 227, 200**.

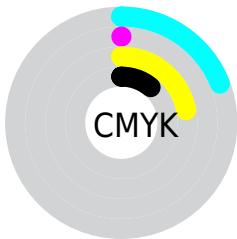
Distribution



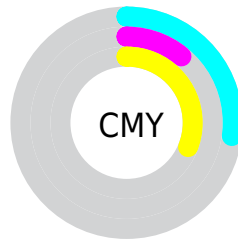
- Red (73%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (86%)



- Cyan (19%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 227, 177 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 185, 227, 177 by changing the saturation by 10% instead.

■ 185, 227, 177

255, 255, 255

■ 242, 255, 233

■ 185, 227, 177

■ 158, 199, 150

■ 131, 171, 124

■ 105, 145, 99

■ 81, 119, 75

■ 56, 94, 52

■ 33, 70, 30

■ 9, 47, 7

■ 0, 29, 0

■ 0, 0, 0

 185, 227, 177

 185, 227, 177

 166, 227, 154

 204, 227, 200

 147, 227, 132

 223, 227, 222


 128, 227, 109

 242, 227, 245

 109, 227, 86

 255, 227, 255

 90, 227, 64

 71, 227, 41

 52, 227, 18

 36, 227, 0

Harmonies

Analogous

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



218, 220, 161



185, 227, 177



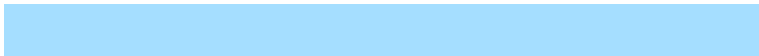
153, 231, 204

Triad

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



185, 227, 177



165, 222, 255



255, 195, 198

Complementary

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



185, 227, 177



219, 177, 227

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, 196, 228



185, 227, 177



206, 212, 255

Square

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



185, 227, 177



136, 229, 255



242, 202, 254



255, 201, 173

Rectangle

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



185, 227, 177



137, 232, 223



242, 202, 254



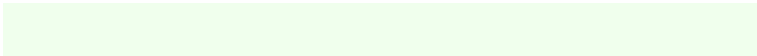
255, 195, 208

Sweetspot

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



185, 227, 177



240, 255, 237



227, 219, 177



119, 128, 117



0, 0, 0



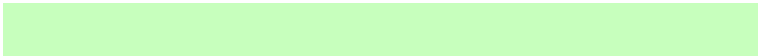
128, 128, 128

Same Dimension

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



185, 227, 177



199, 255, 189



177, 227, 194



105, 115, 103



29, 179, 0



8, 51, 0

Inverse Universe

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



219, 177, 227



244, 189, 255



227, 177, 210



113, 103, 115



150, 0, 179



43, 0, 51

Previews

White Background



This preview shows how the RGB color 185, 227, 177 looks on a white background.

Color Contrast Check

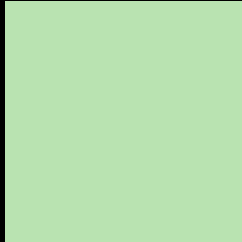
Large Text (above 18pt) WCAG AA × Fail

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 185, 227, 177 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 185, 227, 177 Background



This preview shows how black text looks on a background with the RGB color 185, 227, 177.

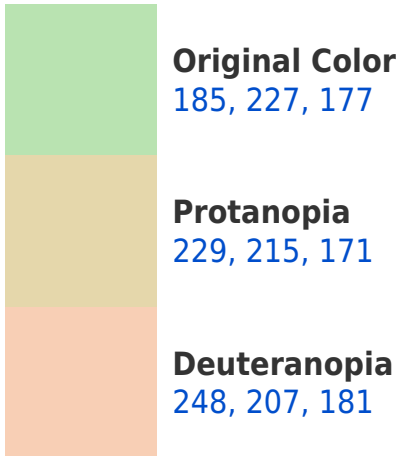


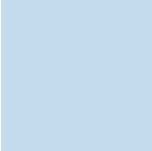
This preview shows how white text looks on a background with the RGB color 185, 227, 177.

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
195, 219, 236

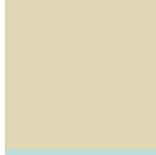
Trichromacy



Original Color
185, 227, 177



Protanomaly
213, 219, 173



Deuteranomaly
225, 214, 180

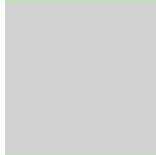


Tritanomaly
191, 222, 215

Monochromacy



Original Color
185, 227, 177



Achromatopsia
209, 209, 209



Achromatomaly
200, 216, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 227, 177 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(185, 227, 177)` looks like.

```
.text, #text, p{  
    color:rgb(185, 227, 177)  
}
```

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(185, 227, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 227, 177) }
```

Border

The CSS property to change the border of an element to RGB 185, 227, 177 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(185, 227, 177) }
```

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

```
.border{ border-color:rgb(185, 227, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 227, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 227, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 227, 177); box-shadow:4px 4px 4px 4px rgb(185, 227, 177) }
```

Background

The CSS property to change the background color of an element to RGB 185, 227, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 227, 177) }
```

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

```
.background{ background-color: rgb(185,  
227, 177) }
```

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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