

Converting Colors

RGB(182, 217, 172)

Have a look what the booklet for
RGB(182, 217, 172) contains.

RGB(182, 217, 172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(182, 217, 172)

Conversions

Conversions Part 1

Format	Color
Hex	B6D9AC
RGB	182, 217, 172
RGB Percent	71%, 85%, 67%
CMY	0.2863, 0.1490, 0.3255
CMYK	0.16, 0.00, 0.21, 0.15
HSL	107°, 37%, 76%
HSV	107°, 21%, 85%
XYZ	51.5507, 62.5493, 48.3859
YIQ	201.4050, -6.4150, -21.4150

Conversions

Conversions Part 2

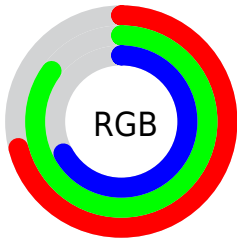
Format	Color
RYB	172, 217, 207
Decimal	11983276
CIELab	83.20, -19.85, 18.42
CIELCh	83, 27.080, 137.137
Yxy	62.5493, 0.3173, 0.3850
Android (android.graphics.Color)	4290173356 (0xFFB6D9AC)
YUV	201.4050, -14.4967, -17.0182
Hunter-Lab	79.0881, -22.0557, 19.0882

Details

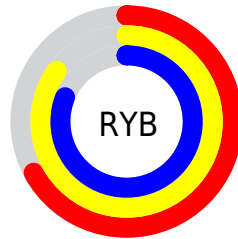
The RGB color **182, 217, 172** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **207, 172, 217**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **238, 255, 228**, and **129, 162, 120** is the 20% darker color. If you saturate the color by 10%, you get **165, 217, 150**, and if you desaturate by 10%, it is **199, 217, 194**.

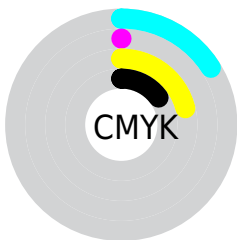
Distribution



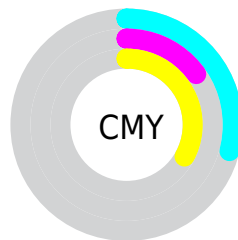
- Red (71%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 182, 217, 172 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 182, 217, 172 by changing the saturation by 10% instead.

■ 182, 217, 172

255, 255, 255

■ 238, 255, 228

■ 182, 217, 172

■ 155, 189, 145

■ 129, 162, 120

■ 103, 136, 95

■ 78, 110, 71

■ 55, 86, 48

■ 32, 62, 26

■ 11, 40, 2

■ 0, 19, 0

■ 0, 0, 0

 182, 217, 172

 182, 217, 172

 165, 217, 150


 199, 217, 194

 148, 217, 129

 216, 217, 215

 131, 217, 107

 233, 217, 237

 114, 217, 85


 250, 217, 255

 98, 217, 64

 255, 217, 255

 81, 217, 42

 64, 217, 20

 48, 217, 0

Harmonies

Analogous

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



211, 210, 158



182, 217, 172



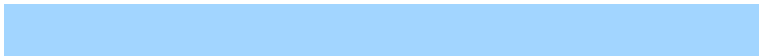
154, 221, 195

Triad

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



182, 217, 172



162, 213, 255



255, 189, 193

Complementary

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



182, 217, 172



207, 172, 217

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.



251, 190, 219



182, 217, 172



197, 205, 255

Square

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



182, 217, 172



138, 219, 244



229, 196, 242



254, 194, 171

Rectangle

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



182, 217, 172



140, 222, 213



229, 196, 242



255, 189, 202

Sweetspot

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



182, 217, 172



243, 255, 240



217, 207, 172



121, 128, 119



0, 0, 0



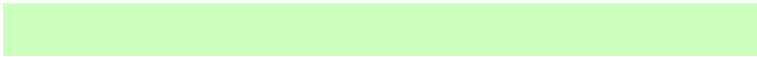
128, 128, 128

Same Dimension

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



182, 217, 172



205, 255, 191



172, 217, 184



101, 110, 99



39, 173, 0



10, 46, 0

Inverse Universe

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



207, 172, 217



241, 191, 255



217, 172, 205



107, 99, 110



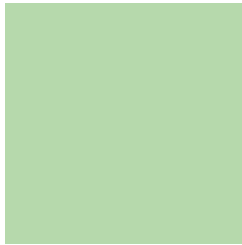
135, 0, 173



36, 0, 46

Previews

White Background



This preview shows how the RGB color 182, 217, 172 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 182, 217, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

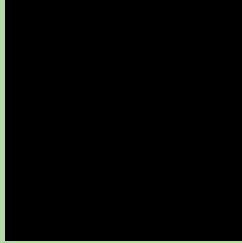
Any Text WCAG AA ✓ Pass

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 182, 217, 172 Background



This preview shows how black text looks on a background with the RGB color 182, 217, 172.

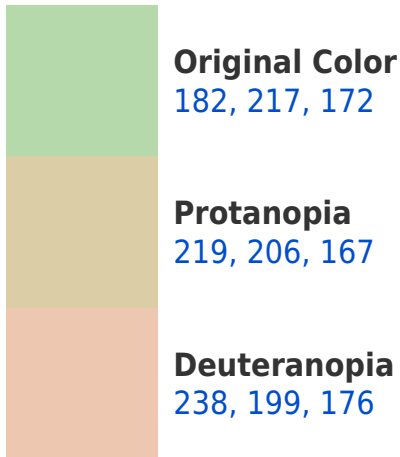


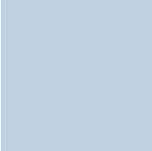
This preview shows how white text looks on a background with the RGB color 182, 217, 172.

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](#).

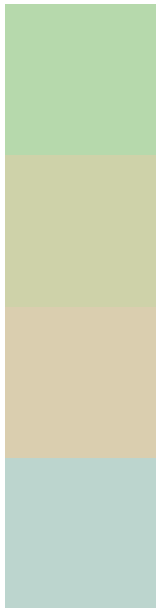
Dichromacy





Tritanopia
191, 210, 226

Trichromacy



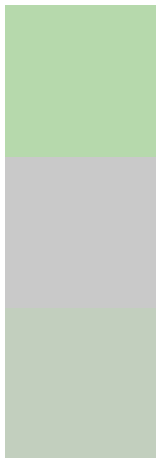
Original Color
182, 217, 172

Protanomaly
206, 210, 169

Deuteranomaly
218, 206, 175

Tritanomaly
188, 213, 206

Monochromacy



Original Color
182, 217, 172

Achromatopsia
201, 201, 201

Achromatomaly
194, 207, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 182, 217, 172 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(182, 217, 172)` looks like.

```
.text, #text, p{  
    color:rgb(182, 217, 172)  
}
```

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(182, 217, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 217, 172) }
```

Border

The CSS property to change the border of an element to RGB 182, 217, 172 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(182, 217, 172) }
```

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

```
.border{ border-color:rgb(182, 217, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 217, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 217, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 217, 172); box-shadow:4px 4px 4px 4px rgb(182, 217, 172) }
```

Background

The CSS property to change the background color of an element to RGB 182, 217, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 217, 172) }
```

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

```
.background{ background-color: rgb(182,  
217, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor