

Converting Colors

RGB(216, 250, 182)

Have a look what the booklet for
RGB(216, 250, 182) contains.

RGB(216, 250, 182)	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(216, 250, 182)

Conversions

Conversions Part 1

Format	Color
Hex	D8FAB6
RGB	216, 250, 182
RGB Percent	85%, 98%, 71%
CMY	0.1529, 0.0196, 0.2863
CMYK	0.14, 0.00, 0.27, 0.02
HSL	90°, 87%, 85%
HSV	90°, 27%, 98%
XYZ	70.9480, 86.3475, 57.1834
YIQ	232.0820, 1.5640, -28.3560

Conversions

Conversions Part 2

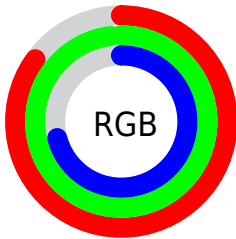
Format	Color
RYB	182, 250, 216
Decimal	14219958
CIELab	94.46, -22.56, 29.09
CIELCh	94, 36.812, 127.798
Yxy	86.3475, 0.3308, 0.4026
Android (android.graphics.Color)	4292410038 (0xFFD8FAB6)
YUV	232.0820, -24.6904, -14.1039
Hunter-Lab	92.9234, -26.3292, 28.5604

Details

The RGB color **216, 250, 182** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **216, 182, 250**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 238**, and **160, 193, 129** is the 20% darker color. If you saturate the color by 10%, you get **204, 250, 157**, and if you desaturate by 10%, it is **229, 250, 207**.

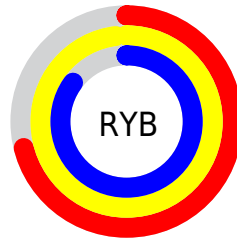
Distribution



Red (85%)

Green (98%)

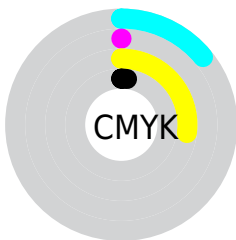
Blue (71%)



Red (71%)

Yellow (98%)

Blue (85%)

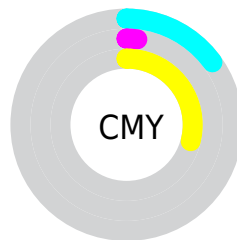


Cyan (14%)

Magenta (0%)

Yellow (27%)

Black (2%)



Cyan (15%)

Magenta (2%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 250, 182 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 216, 250, 182 by changing the saturation by 10% instead.

 216, 250, 182


255, 255, 255


 255, 255, 238

 216, 250, 182


 188, 221, 155

 160, 193, 129

 134, 166, 103


 108, 140, 78

 83, 114, 55

 58, 89, 32

 35, 66, 8

 12, 43, 0

 0, 24, 0

■ 216, 250, 182

■ 216, 250, 182

■ 204, 250, 157

■ 229, 250, 207

■ 191, 250, 132

■ 241, 250, 232

■ 179, 250, 107

■ 254, 250, 255

■ 166, 250, 82

■ 255, 250, 255

■ 154, 250, 57

■ 141, 250, 32

■ 129, 250, 7

■ 125, 250, 0

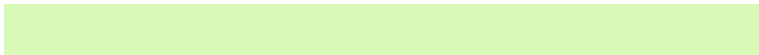
Harmonies

Analogous

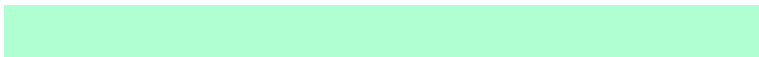
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 240, 168



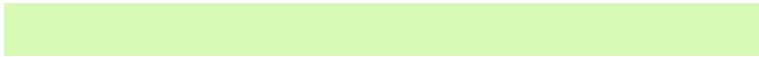
216, 250, 182



175, 255, 211

Triad

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



216, 250, 182



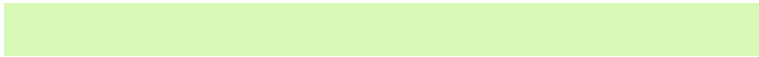
157, 250, 255



255, 213, 231

Complementary

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



216, 250, 182



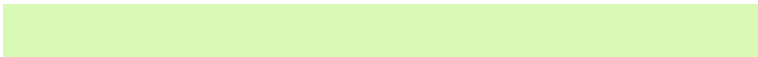
216, 182, 250

Split Complementary

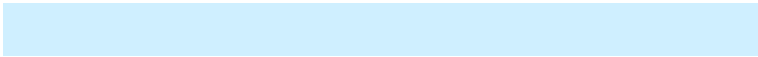
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 216, 255



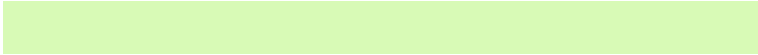
216, 250, 182



207, 239, 255

Square

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



216, 250, 182



129, 255, 255



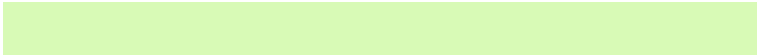
255, 227, 255



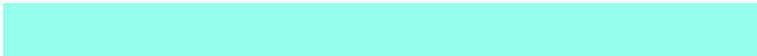
255, 217, 197

Rectangle

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



216, 250, 182



150, 255, 235



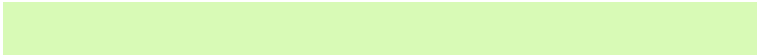
255, 227, 255



255, 213, 243

Sweetspot

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



216, 250, 182



245, 255, 235



250, 216, 182



121, 128, 115



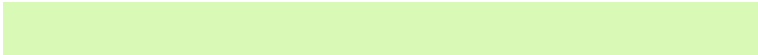
0, 0, 0



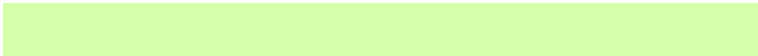
128, 128, 128

Same Dimension

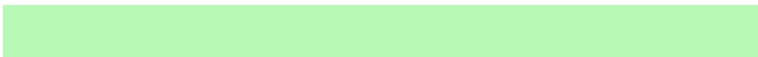
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216, 250, 182



213, 255, 171



182, 250, 182



119, 125, 112



94, 189, 0



31, 61, 0

Inverse Universe

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



216, 182, 250



213, 171, 255



250, 182, 250



119, 112, 125



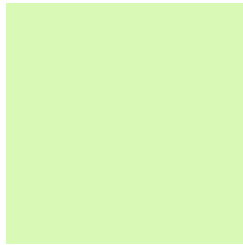
94, 0, 189



31, 0, 61

Previews

White Background



This preview shows how the RGB color 216, 250, 182 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 216, 250, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

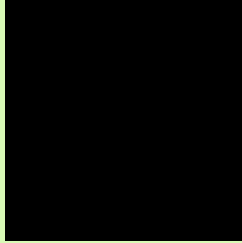
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

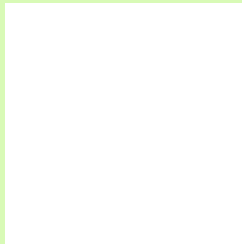
Any Text WCAG AAA ✓ Pass

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

RGB 216, 250, 182 Background



This preview shows how black text looks on a background with the RGB color 216, 250, 182.

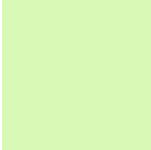
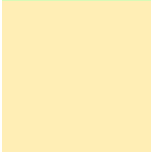
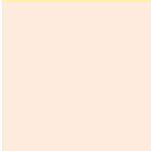


This preview shows how white text looks on a background with the RGB color 216, 250, 182.

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

	Original Color 216, 250, 182
	Protanopia 255, 238, 181
	Deuteranopia 255, 235, 221



Tritanopia

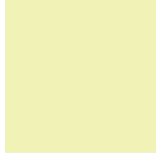
230, 240, 255

Trichromacy



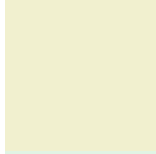
Original Color

216, 250, 182



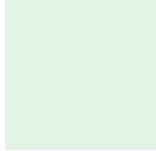
Protanomaly

241, 242, 181



Deuteranomaly

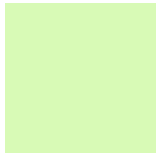
241, 240, 207



Tritanomaly

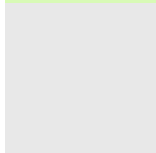
225, 244, 228

Monochromacy



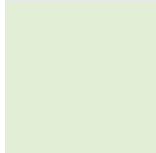
Original Color

216, 250, 182



Achromatopsia

232, 232, 232



Achromatomaly

226, 239, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 250, 182 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(216, 250, 182)` looks like.

```
.text, #text, p{  
    color:rgb(216, 250, 182)  
}
```

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(216, 250, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 250, 182) }
```

Border

The CSS property to change the border of an element to RGB 216, 250, 182 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(216, 250, 182) }
```

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

```
.border{ border-color:rgb(216, 250, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 250, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 250, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 250, 182); box-shadow:4px 4px 4px 4px rgb(216, 250, 182) }
```

Background

The CSS property to change the background color of an element to RGB 216, 250, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 250, 182) }
```

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

```
.background{ background-color: rgb(216,  
250, 182) }
```

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