

Converting Colors

RGB(216, 253, 177)

Have a look what the booklet for
RGB(216, 253, 177) contains.

RGB(216, 253, 177)	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, 253, 177)

Conversions

Conversions Part 1

Format	Color
Hex	D8FDB1
RGB	216, 253, 177
RGB Percent	85%, 99%, 69%
CMY	0.1529, 0.0078, 0.3059
CMYK	0.15, 0.00, 0.30, 0.01
HSL	89°, 95%, 84%
HSV	89°, 30%, 99%
XYZ	71.3800, 88.0238, 54.8231
YIQ	233.2730, 2.3440, -31.4800

Conversions

Conversions Part 2

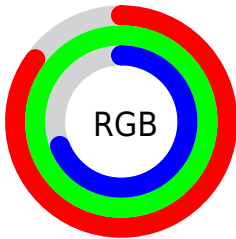
Format	Color
RYB	177, 253, 214
Decimal	14220721
CIELab	95.17, -24.70, 32.56
CIElCh	95, 40.874, 127.185
Yxy	88.0238, 0.3332, 0.4109
Android (android.graphics.Color)	4292410801 (0xFFD8FDB1)
YUV	233.2730, -27.7426, -15.1484
Hunter-Lab	93.8210, -28.3821, 31.0293

Details

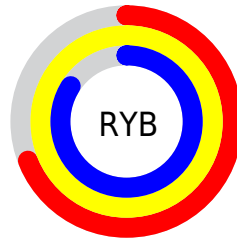
The RGB color **216, 253, 177** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **214, 177, 253**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 233**, and **160, 196, 124** is the 20% darker color. If you saturate the color by 10%, you get **204, 253, 152**, and if you desaturate by 10%, it is **228, 253, 202**.

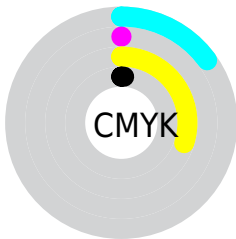
Distribution



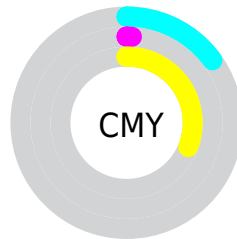
- Red (85%)
- Green (99%)
- Blue (69%)



- Red (69%)
- Yellow (99%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (30%)
- Black (1%)



- Cyan (15%)
- Magenta (1%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 253, 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 216, 253, 177 by changing the saturation by 10% instead.


 216, 253, 177

255, 255, 255


 255, 255, 233


 216, 253, 177

 188, 224, 150

 160, 196, 124

 134, 169, 98

 107, 142, 74

 82, 117, 50

 57, 92, 26

 33, 68, 1

 9, 45, 0

 0, 27, 0

■ 216, 253, 177

■ 216, 253, 177

■ 204, 253, 152

■ 228, 253, 202

■ 191, 253, 126

■ 241, 253, 228

■ 179, 253, 101

■ 253, 253, 253

■ 167, 253, 76

■ 255, 253, 255

■ 154, 253, 50

■ 142, 253, 25

■ 130, 253, 0

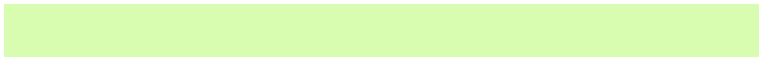
Harmonies

Analogous

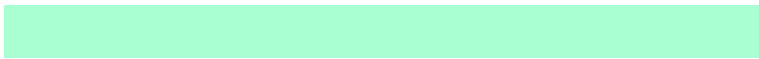
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 242, 162



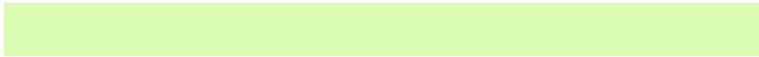
216, 253, 177



169, 255, 209

Triad

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



216, 253, 177



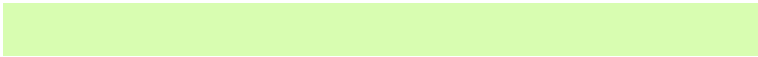
144, 253, 255



255, 211, 233

Complementary

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



216, 253, 177



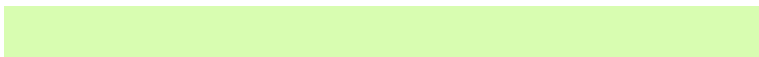
214, 177, 253

Split Complementary

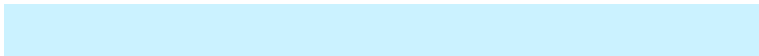
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 216, 255



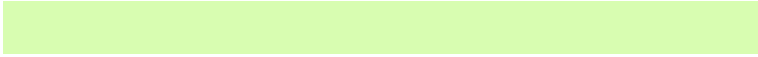
216, 253, 177



203, 242, 255

Square

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



216, 253, 177



110, 255, 255



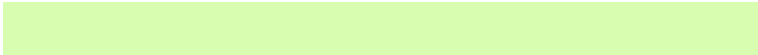
255, 228, 255



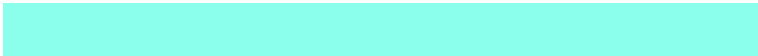
255, 216, 195

Rectangle

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



216, 253, 177



139, 255, 236



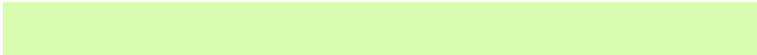
255, 228, 255



255, 212, 246

Sweetspot

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



216, 253, 177



244, 255, 232



253, 214, 177



121, 128, 113



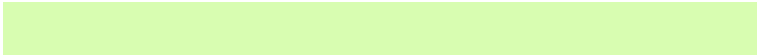
0, 0, 0



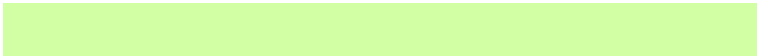
128, 128, 128

Same Dimension

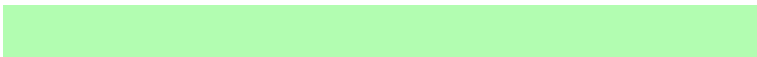
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216, 253, 177



210, 255, 163



178, 253, 177



121, 128, 115



98, 191, 0



33, 64, 0

Inverse Universe

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



214, 177, 253



208, 163, 255



252, 177, 253



121, 115, 128



93, 0, 191



31, 0, 64

Previews

White Background



This preview shows how the RGB color 216, 253, 177 looks on a white background.

Color Contrast Check

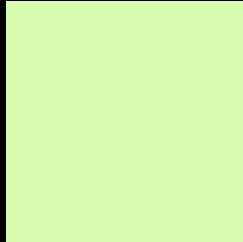
Large Text (above 18pt) WCAG AA × Fail

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 216, 253, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

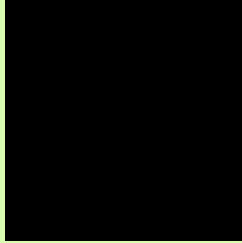
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

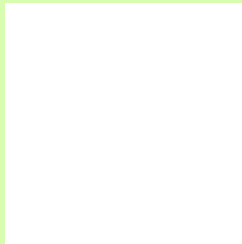
Any Text WCAG AAA ✓ Pass

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

RGB 216, 253, 177 Background



This preview shows how black text looks on a background with the RGB color 216, 253, 177.

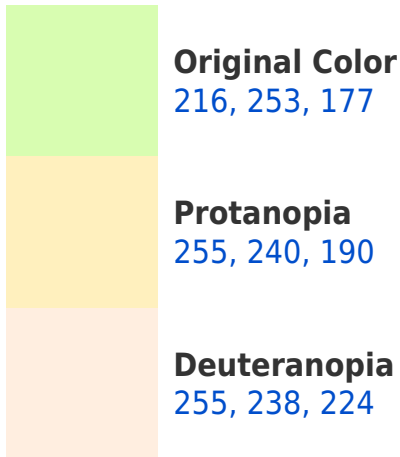


This preview shows how white text looks on a background with the RGB color 216, 253, 177.

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

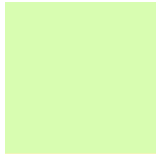




Tritanopia

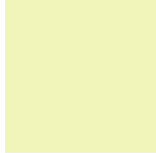
232, 242, 255

Trichromacy



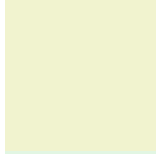
Original Color

216, 253, 177



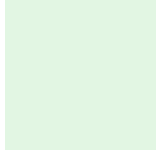
Protanomaly

241, 245, 185



Deuteranomaly

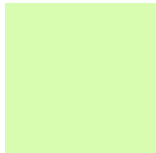
241, 243, 207



Tritanomaly

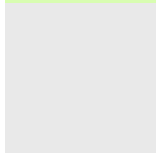
226, 246, 227

Monochromacy



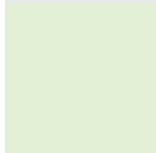
Original Color

216, 253, 177



Achromatopsia

233, 233, 233



Achromatomaly

227, 240, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 253, 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(216, 253, 177)` looks like.

```
.text, #text, p{  
    color:rgb(216, 253, 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(216, 253, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 253, 177) }
```

Border

The CSS property to change the border of an element to RGB 216, 253, 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(216, 253, 177) }
```

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

```
.border{ border-color:rgb(216, 253, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 253, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 253, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 253, 177); box-shadow:4px 4px 4px 4px rgb(216, 253, 177) }
```

Background

The CSS property to change the background color of an element to RGB 216, 253, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 253, 177) }
```

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

```
.background{ background-color: rgb(216,  
253, 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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