

Converting Colors

RGB(217, 251, 173)

Have a look what the booklet for
RGB(217, 251, 173) contains.

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Color

RGB(217, 251, 173)

Conversions

Conversions Part 1

Format	Color
Hex	D9FBAD
RGB	217, 251, 173
RGB Percent	85%, 98%, 68%
CMY	0.1490, 0.0157, 0.3216
CMYK	0.14, 0.00, 0.31, 0.02
HSL	86°, 91%, 83%
HSV	86°, 31%, 98%
XYZ	70.6553, 86.7632, 52.5582
YIQ	231.9420, 4.7740, -31.4660

Conversions

Conversions Part 2

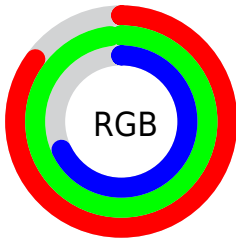
Format	Color
RYB	173, 251, 207
Decimal	14285741
CIELab	94.64, -23.95, 33.87
CIElCh	95, 41.479, 125.266
Yxy	86.7632, 0.3365, 0.4132
Android (android.graphics.Color)	4292475821 (0xFFD9FBAD)
YUV	231.9420, -29.0584, -13.1041
Hunter-Lab	93.1468, -27.6080, 31.7483

Details

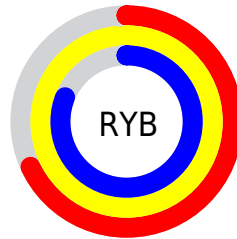
The RGB color **217, 251, 173** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **207, 173, 251**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 229**, and **161, 194, 120** is the 20% darker color. If you saturate the color by 10%, you get **206, 251, 148**, and if you desaturate by 10%, it is **228, 251, 198**.

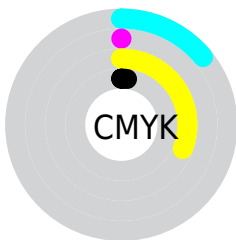
Distribution



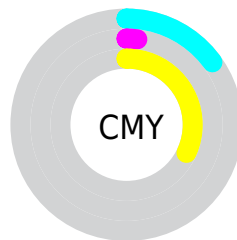
- Red (85%)
- Green (98%)
- Blue (68%)



- Red (68%)
- Yellow (98%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (31%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 251, 173 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 217, 251, 173 by changing the saturation by 10% instead.


 217, 251, 173

255, 255, 255


 255, 255, 229

 217, 251, 173

 189, 222, 146

 161, 194, 120

 134, 167, 94

 108, 141, 70

 83, 115, 46

 58, 90, 22

 34, 67, 0

 9, 44, 0

 0, 25, 0

■ 217, 251, 173

■ 217, 251, 173

■ 206, 251, 148

■ 228, 251, 198

■ 195, 251, 123

■ 239, 251, 223

■ 184, 251, 98

■ 250, 251, 248

■ 173, 251, 73

■ 255, 251, 255

■ 162, 251, 48

■ 151, 251, 22

■ 142, 251, 0

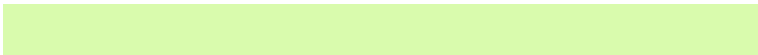
Harmonies

Analogous

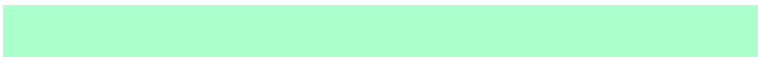
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 239, 159



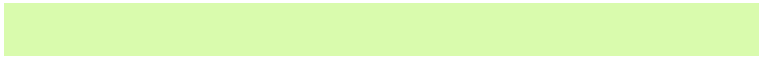
217, 251, 173



170, 255, 205

Triad

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



217, 251, 173



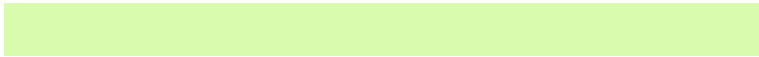
137, 253, 255



255, 209, 234

Complementary

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



217, 251, 173



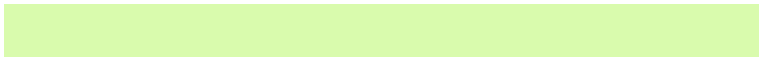
207, 173, 251

Split Complementary

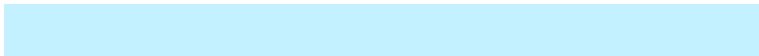
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 214, 255



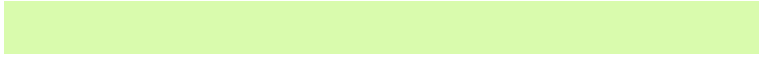
217, 251, 173



196, 241, 255

Square

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



217, 251, 173



104, 255, 255



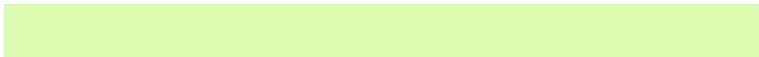
254, 227, 255



255, 214, 195

Rectangle

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



217, 251, 173



138, 255, 232



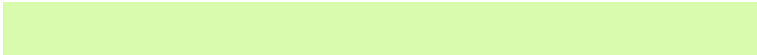
254, 227, 255



255, 210, 248

Sweetspot

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



217, 251, 173



245, 255, 232



251, 207, 173



121, 128, 113



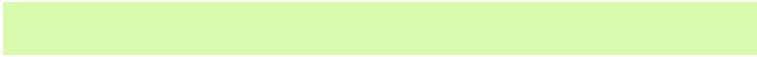
0, 0, 0



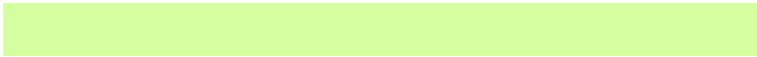
128, 128, 128

Same Dimension

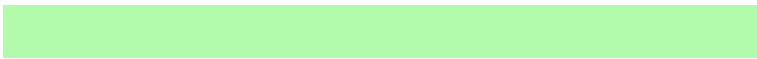
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217, 251, 173



214, 255, 161



178, 251, 173



120, 125, 112



106, 189, 0



35, 61, 0

Inverse Universe

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



207, 173, 251



202, 161, 255



246, 173, 251



118, 112, 125



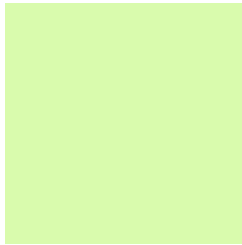
82, 0, 189



27, 0, 61

Previews

White Background



This preview shows how the RGB color 217, 251, 173 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 217, 251, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

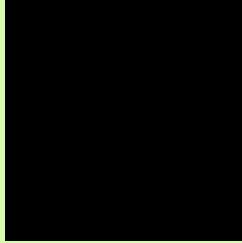
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

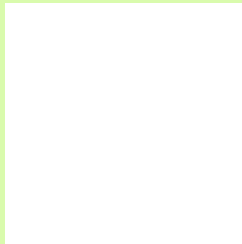
Any Text WCAG AAA ✓ Pass

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

RGB 217, 251, 173 Background



This preview shows how black text looks on a background with the RGB color 217, 251, 173.

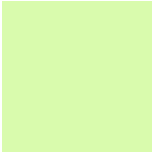
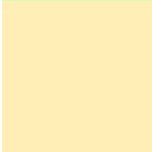
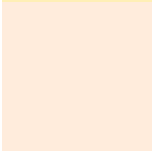


This preview shows how white text looks on a background with the RGB color 217, 251, 173.

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 217, 251, 173
	Protanopia 255, 239, 182
	Deuteranopia 255, 236, 220



Tritanopia

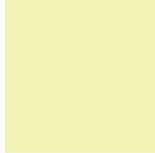
231, 240, 255

Trichromacy



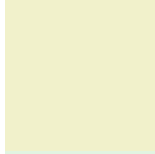
Original Color

217, 251, 173



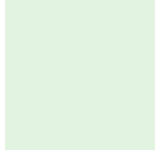
Protanomaly

241, 243, 179



Deuteranomaly

241, 241, 203



Tritanomaly

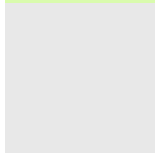
226, 244, 225

Monochromacy



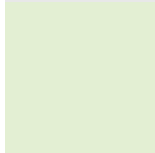
Original Color

217, 251, 173



Achromatopsia

232, 232, 232



Achromatomaly

227, 239, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 251, 173 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(217, 251, 173)` looks like.

```
.text, #text, p{  
    color:rgb(217, 251, 173)  
}
```

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(217, 251, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 251, 173) }
```

Border

The CSS property to change the border of an element to RGB 217, 251, 173 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(217, 251, 173) }
```

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

```
.border{ border-color:rgb(217, 251, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 251, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 251, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 251, 173);  
box-shadow:4px 4px 4px 4px rgb(217, 251,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 217, 251, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 251, 173) }
```

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

```
.background{ background-color: rgb(217,  
251, 173) }
```

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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