

Converting Colors

RGB(206, 238, 169)

Have a look what the booklet for
RGB(206, 238, 169) contains.

RGB(206, 238, 169)	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(206, 238, 169)

Conversions

Conversions Part 1

Format	Color
Hex	CEEEE9
RGB	206, 238, 169
RGB Percent	81%, 93%, 66%
CMY	0.1922, 0.0667, 0.3373
CMYK	0.13, 0.00, 0.29, 0.07
HSL	88°, 67%, 80%
HSV	88°, 29%, 93%
XYZ	63.1896, 77.1355, 49.0943
YIQ	220.5660, 3.0770, -28.2430

Conversions

Conversions Part 2

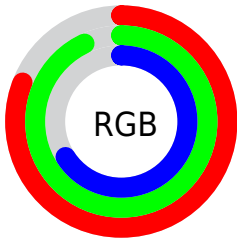
Format	Color
RYB	169, 238, 201
Decimal	13561513
CIELab	90.38, -22.16, 30.06
CIELCh	90, 37.346, 126.404
Yxy	77.1355, 0.3336, 0.4072
Android (android.graphics.Color)	4291751593 (0xFFCEEEA9)
YUV	220.5660, -25.4220, -12.7744
Hunter-Lab	87.8268, -25.2698, 28.3362

Details

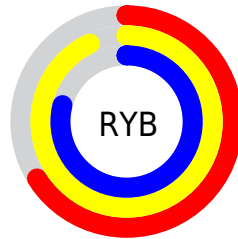
The RGB color **206, 238, 169** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **201, 169, 238**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 225**, and **151, 182, 116** is the 20% darker color. If you saturate the color by 10%, you get **195, 238, 145**, and if you desaturate by 10%, it is **217, 238, 193**.

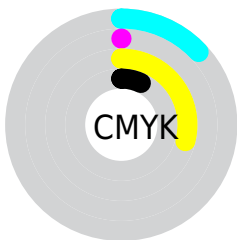
Distribution



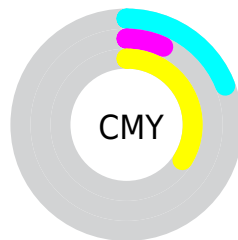
- Red (81%)
- Green (93%)
- Blue (66%)



- Red (66%)
- Yellow (93%)
- Blue (79%)



- Cyan (13%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (19%)
- Magenta (7%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 238, 169 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 206, 238, 169 by changing the saturation by 10% instead.

 206, 238, 169


255, 255, 255

 255, 255, 225

255, 255, 253

 206, 238, 169

 178, 210, 142

 151, 182, 116

 125, 155, 91

 99, 129, 67

 74, 104, 44

 50, 80, 20

 27, 56, 0

 0, 35, 0

 0, 3, 0

■ 206, 238, 169

■ 206, 238, 169

■ 195, 238, 145

■ 217, 238, 193

■ 184, 238, 121

■ 228, 238, 217

■ 173, 238, 98

■ 239, 238, 240

■ 162, 238, 74

■ 250, 238, 255

■ 151, 238, 50

■ 255, 238, 255

■ 140, 238, 26

■ 129, 238, 2

■ 128, 238, 0

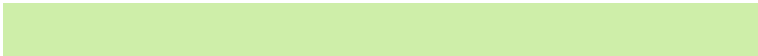
Harmonies

Analogous

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



245, 228, 156



206, 238, 169



164, 245, 198

Triad

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



206, 238, 169



141, 239, 255



255, 201, 221

Complementary

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



206, 238, 169



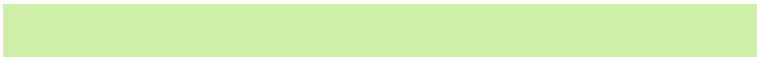
201, 169, 238

Split Complementary

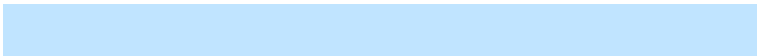
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 205, 255



206, 238, 169



192, 228, 255

Square

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



206, 238, 169



112, 245, 255



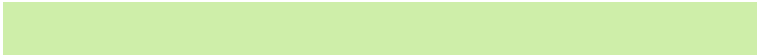
242, 216, 255



255, 205, 187

Rectangle

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



206, 238, 169



138, 247, 222



242, 216, 255



255, 201, 233

Sweetspot

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



206, 238, 169



244, 255, 232



238, 200, 169



121, 128, 113



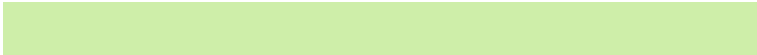
0, 0, 0



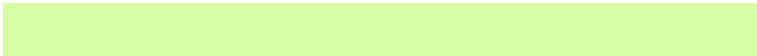
128, 128, 128

Same Dimension

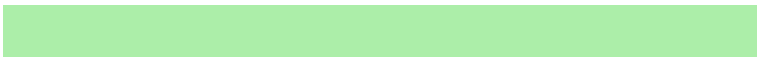
The Same Dimension uses a secret algorithm to generate beautiful new colors.



206, 238, 169



214, 255, 166



172, 238, 169



114, 120, 108



98, 184, 0



30, 56, 0

Inverse Universe

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



201, 169, 238



207, 166, 255



235, 169, 238



113, 108, 120



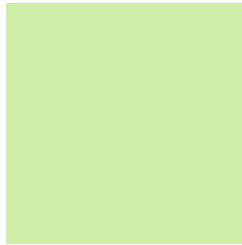
85, 0, 184



26, 0, 56

Previews

White Background



This preview shows how the RGB color 206, 238, 169 looks on a white background.

Color Contrast Check

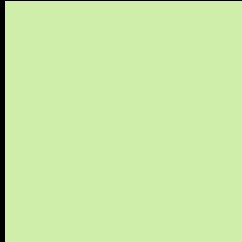
Large Text (above 18pt) WCAG AA × Fail

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 206, 238, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

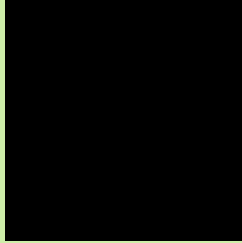
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

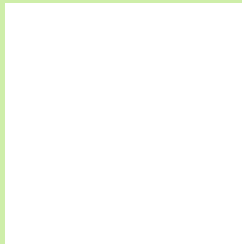
Any Text WCAG AAA ✓ Pass

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

RGB 206, 238, 169 Background



This preview shows how black text looks on a background with the RGB color 206, 238, 169.

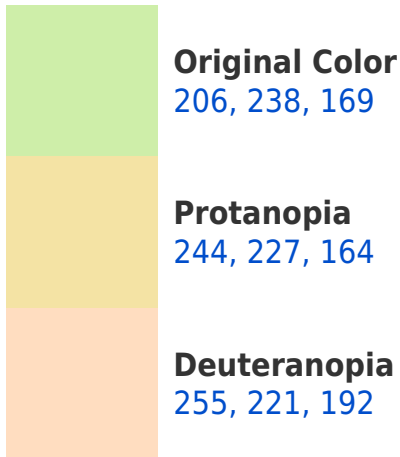


This preview shows how white text looks on a background with the RGB color 206, 238, 169.

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
217, 228, 246

Trichromacy



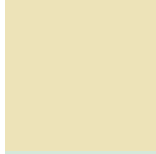
Original Color

206, 238, 169



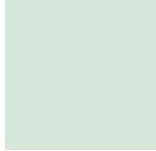
Protanomaly

230, 231, 166



Deuteranomaly

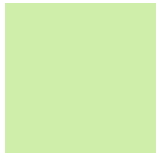
237, 227, 184



Tritanomaly

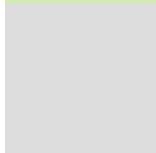
213, 232, 218

Monochromacy



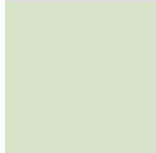
Original Color

206, 238, 169



Achromatopsia

221, 221, 221



Achromatomaly

216, 227, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 238, 169 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(206, 238, 169)` looks like.

```
.text, #text, p{  
    color:rgb(206, 238, 169)  
}
```

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(206, 238, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 238, 169) }
```

Border

The CSS property to change the border of an element to RGB 206, 238, 169 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(206, 238, 169) }
```

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

```
.border{ border-color:rgb(206, 238, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 238, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 238, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 238, 169);  
box-shadow:4px 4px 4px 4px rgb(206, 238,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 206, 238, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 238, 169) }
```

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

```
.background{ background-color: rgb(206,  
238, 169) }
```

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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