

Converting Colors

RGB(210, 247, 192)

Have a look what the booklet for
RGB(210, 247, 192) contains.

RGB(210, 247, 192)	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(210, 247, 192)

Conversions

Conversions Part 1

Format	Color
Hex	D2F7C0
RGB	210, 247, 192
RGB Percent	82%, 97%, 75%
CMY	0.1765, 0.0314, 0.2471
CMYK	0.15, 0.00, 0.22, 0.03
HSL	100°, 77%, 86%
HSV	100°, 22%, 97%
XYZ	69.3535, 84.0289, 62.4331
YIQ	229.6670, -4.3970, -24.9490

Conversions

Conversions Part 2

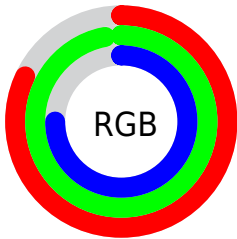
Format	Color
RYB	192, 247, 229
Decimal	13825984
CIELab	93.46, -21.68, 22.57
CIELCh	93, 31.302, 133.849
Yxy	84.0289, 0.3214, 0.3894
Android (android.graphics.Color)	4292016064 (0xFFD2F7C0)
YUV	229.6670, -18.5698, -17.2480
Hunter-Lab	91.6673, -25.3685, 23.7857

Details

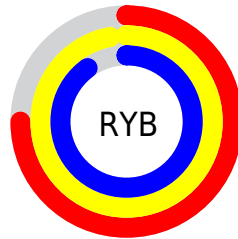
The RGB color **210, 247, 192** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **229, 192, 247**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 249**, and **155, 191, 138** is the 20% darker color. If you saturate the color by 10%, you get **193, 247, 167**, and if you desaturate by 10%, it is **227, 247, 217**.

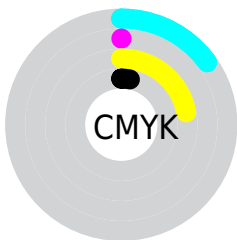
Distribution



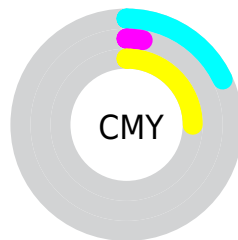
- Red (82%)
- Green (97%)
- Blue (75%)



- Red (75%)
- Yellow (97%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (22%)
- Black (3%)



- Cyan (18%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 247, 192 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 210, 247, 192 by changing the saturation by 10% instead.

 210, 247, 192


 210, 247, 192


255, 255, 255

 182, 218, 165

 255, 255, 249


 155, 191, 138


 129, 163, 113

 103, 137, 88

 78, 111, 64

 54, 87, 41

 31, 63, 20

 11, 41, 0

 0, 20, 0

 210, 247, 192

 210, 247, 192

 193, 247, 167

 227, 247, 217

 177, 247, 143


 243, 247, 241

 160, 247, 118


 255, 247, 255

 144, 247, 93

 127, 247, 68

 110, 247, 44

 94, 247, 19

 81, 247, 0

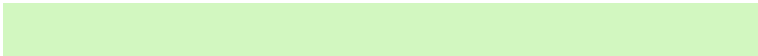
Harmonies

Analogous

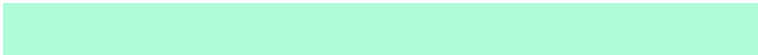
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 239, 177



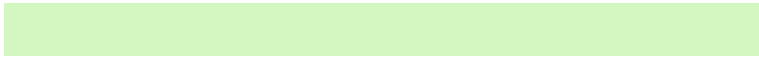
210, 247, 192



176, 252, 218

Triad

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



210, 247, 192



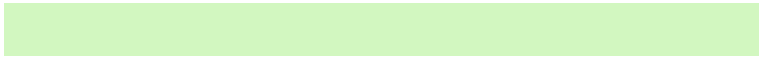
178, 244, 255



255, 215, 223

Complementary

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



210, 247, 192



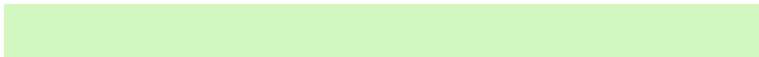
229, 192, 247

Split Complementary

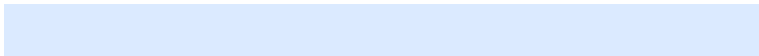
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 216, 254



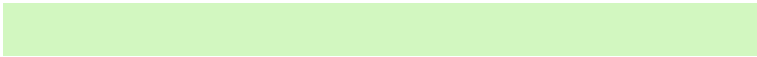
210, 247, 192



219, 234, 255

Square

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



210, 247, 192



151, 251, 255



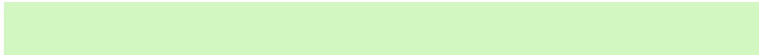
255, 224, 255



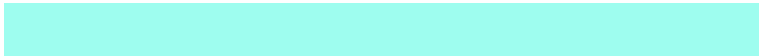
255, 220, 196

Rectangle

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



210, 247, 192



158, 253, 239



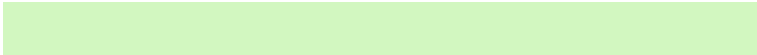
255, 224, 255



255, 214, 233

Sweetspot

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



210, 247, 192



243, 255, 237



247, 229, 192



121, 128, 117



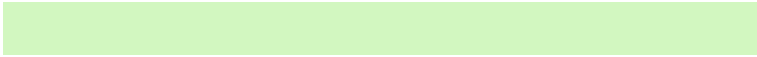
0, 0, 0



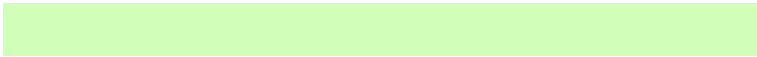
128, 128, 128

Same Dimension

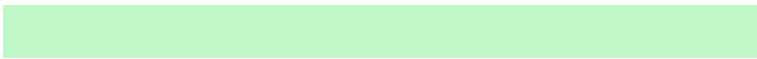
The Same Dimension uses a secret algorithm to generate beautiful new colors.



210, 247, 192



209, 255, 186



192, 247, 201



114, 122, 110



61, 186, 0



19, 59, 0

Inverse Universe

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



229, 192, 247



232, 186, 255



247, 192, 238



118, 110, 122



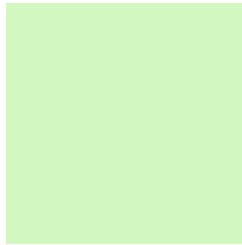
125, 0, 186



39, 0, 59

Previews

White Background



This preview shows how the RGB color 210, 247, 192 looks on a white background.

Color Contrast Check

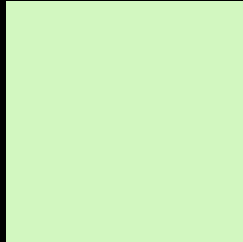
Large Text (above 18pt) WCAG AA × Fail

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 210, 247, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

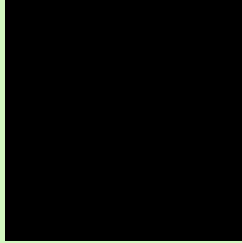
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

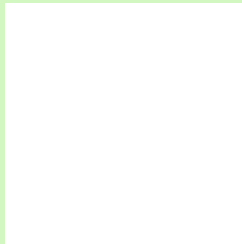
Any Text WCAG AAA ✓ Pass

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

RGB 210, 247, 192 Background



This preview shows how black text looks on a background with the RGB color 210, 247, 192.

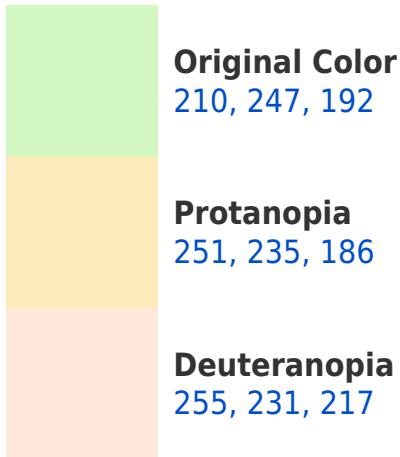


This preview shows how white text looks on a background with the RGB color 210, 247, 192.

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





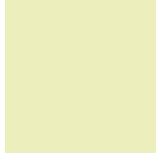
Tritanopia
222, 238, 255

Trichromacy



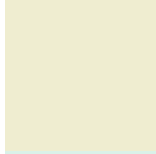
Original Color

210, 247, 192



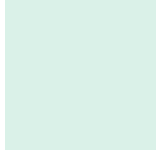
Protanomaly

236, 239, 188



Deuteranomaly

239, 237, 208



Tritanomaly

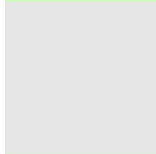
218, 241, 232

Monochromacy



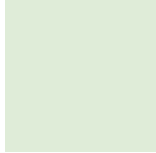
Original Color

210, 247, 192



Achromatopsia

230, 230, 230



Achromatomaly

223, 236, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 247, 192 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(210, 247, 192)` looks like.

```
.text, #text, p{  
    color:rgb(210, 247, 192)  
}
```

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(210, 247, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 247, 192) }
```

Border

The CSS property to change the border of an element to RGB 210, 247, 192 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(210, 247, 192) }
```

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

```
.border{ border-color:rgb(210, 247, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 247, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 247, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 247, 192);  
box-shadow:4px 4px 4px 4px rgb(210, 247,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 210, 247, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 247, 192) }
```

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

```
.background{ background-color: rgb(210,  
247, 192) }
```

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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