

Converting Colors

RGB(196, 255, 192)

Have a look what the booklet for
RGB(196, 255, 192) contains.

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Color

RGB(196, 255, 192)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFC0
RGB	196, 255, 192
RGB Percent	77%, 100%, 75%
CMY	0.2314, 0.0000, 0.2471
CMYK	0.23, 0.00, 0.25, 0.00
HSL	116°, 100%, 88%
HSV	116°, 25%, 100%
XYZ	68.0394, 87.0615, 63.0877
YIQ	230.1770, -14.9410, -32.1010

Conversions

Conversions Part 2

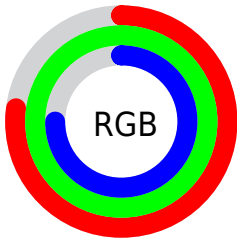
Format	Color
RYB	192, 255, 251
Decimal	12910528
CIELab	94.76, -30.15, 24.24
CIELCh	95, 38.689, 141.207
Yxy	87.0615, 0.3118, 0.3990
Android (android.graphics.Color)	4291100608 (0xFFC4FFC0)
YUV	230.1770, -18.8213, -29.9732
Hunter-Lab	93.3068, -33.1245, 25.2269

Details

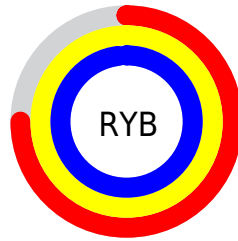
The RGB color **196, 255, 192** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **251, 192, 255**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **253, 255, 249**, and **141, 198, 138** is the 20% darker color. If you saturate the color by 10%, you get **172, 255, 167**, and if you desaturate by 10%, it is **220, 255, 218**.

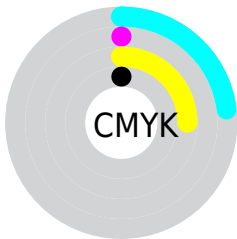
Distribution



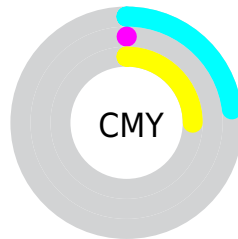
- Red (77%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (98%)



- Cyan (23%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 255, 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 196, 255, 192 by changing the saturation by 10% instead.


 196, 255, 192

255, 255, 255

 253, 255, 249

 196, 255, 192

 168, 226, 165

 141, 198, 138

 115, 171, 113


 89, 144, 88

 63, 118, 64

 38, 93, 41

 9, 69, 19

 0, 46, 0

 0, 25, 0

 196, 255, 192

 196, 255, 192

 172, 255, 167


 220, 255, 218

 148, 255, 141

 244, 255, 243

 124, 255, 116

255, 255, 255

 100, 255, 90

 77, 255, 65

 53, 255, 39

 29, 255, 14

 16, 255, 0

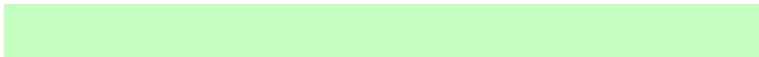
Harmonies

Analogous

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



239, 246, 169



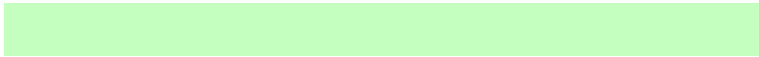
196, 255, 192



153, 255, 227

Triad

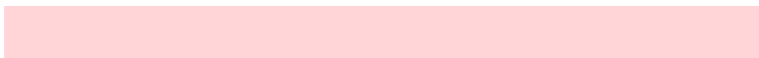
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196, 255, 192



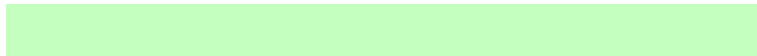
175, 247, 255



255, 213, 215

Complementary

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



196, 255, 192



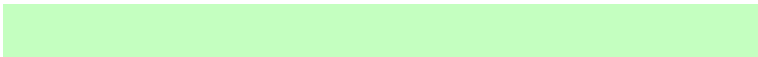
251, 192, 255

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, 213, 253



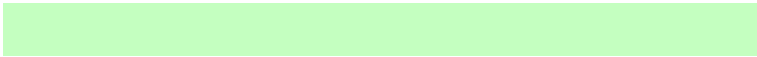
196, 255, 192



230, 234, 255

Square

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



196, 255, 192



130, 255, 255



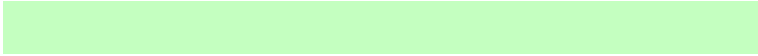
255, 221, 255



255, 221, 183

Rectangle

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



196, 255, 192



130, 255, 253



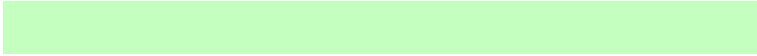
255, 221, 255



255, 212, 227

Sweetspot

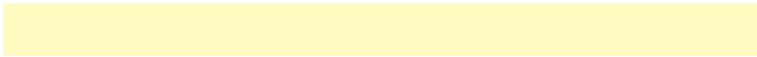
The Sweet Spot groups the original color and five complimentary colors.



196, 255, 192



238, 255, 237



255, 251, 192



118, 128, 117



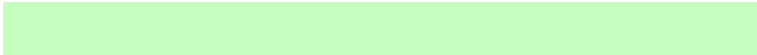
0, 0, 0



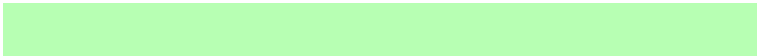
128, 128, 128

Same Dimension

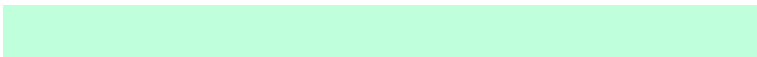
The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 255, 192



183, 255, 179



192, 255, 219



116, 128, 115



12, 191, 0



4, 64, 0

Inverse Universe

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



251, 192, 255



250, 179, 255



255, 192, 228



127, 115, 128



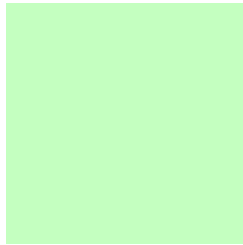
179, 0, 191



60, 0, 64

Previews

White Background



This preview shows how the RGB color 196, 255, 192 looks on a white background.

Color Contrast Check

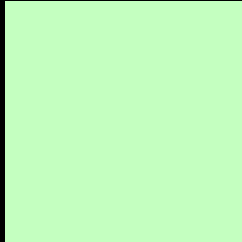
Large Text (above 18pt) WCAG AA × Fail

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 196, 255, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

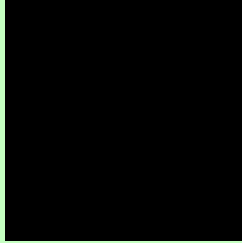
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

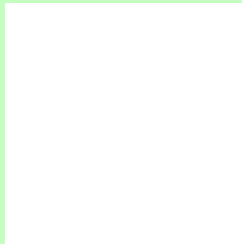
Any Text WCAG AAA ✓ Pass

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

RGB 196, 255, 192 Background



This preview shows how black text looks on a background with the RGB color 196, 255, 192.

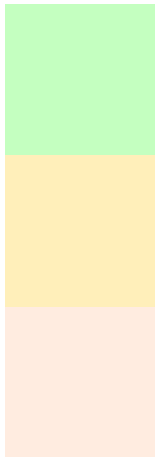


This preview shows how white text looks on a background with the RGB color 196, 255, 192.

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



Original Color
196, 255, 192

Protanopia
255, 239, 186

Deuteranopia
255, 236, 224



Tritanopia

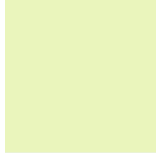
221, 243, 255

Trichromacy



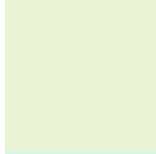
Original Color

196, 255, 192



Protanomaly

234, 245, 188



Deuteranomaly

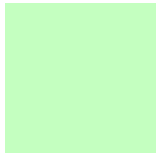
234, 243, 212



Tritanomaly

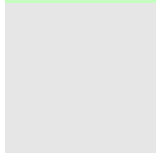
212, 247, 232

Monochromacy



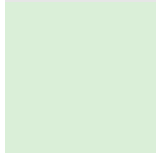
Original Color

196, 255, 192



Achromatopsia

230, 230, 230



Achromatomaly

218, 239, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 255, 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(196, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 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(196, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 192) }
```

Border

The CSS property to change the border of an element to RGB 196, 255, 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(196, 255, 192) }
```

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

```
.border{ border-color:rgb(196, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 196, 255, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 192) }
```

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

```
.background{ background-color: rgb(196,  
255, 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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