

Converting Colors

RGB(198, 255, 202)

Have a look what the booklet for
RGB(198, 255, 202) contains.

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Color

RGB(198, 255, 202)

Conversions

Conversions Part 1

Format	Color
Hex	C6FFCA
RGB	198, 255, 202
RGB Percent	78%, 100%, 79%
CMY	0.2235, 0.0000, 0.2078
CMYK	0.22, 0.00, 0.21, 0.00
HSL	124°, 100%, 89%
HSV	124°, 22%, 100%
XYZ	69.7094, 87.7900, 69.1482
YIQ	231.9150, -16.9590, -28.5670

Conversions

Conversions Part 2

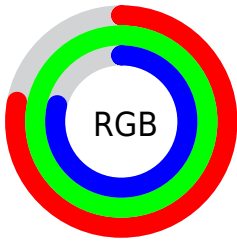
Format	Color
RYB	198, 251, 255
Decimal	13041610
CIELab	95.07, -27.85, 19.59
CIELCh	95, 34.054, 144.875
Yxy	87.7900, 0.3076, 0.3873
Android (android.graphics.Color)	4291231690 (0xFFC6FFCA)
YUV	231.9150, -14.7481, -29.7435
Hunter-Lab	93.6963, -31.1659, 21.8312

Details

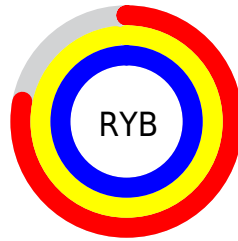
The RGB color **198, 255, 202** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 198, 251**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **143, 198, 148** is the 20% darker color. If you saturate the color by 10%, you get **173, 255, 178**, and if you desaturate by 10%, it is **224, 255, 226**.

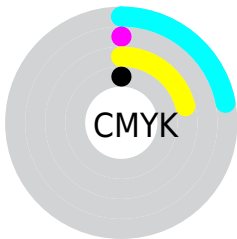
Distribution



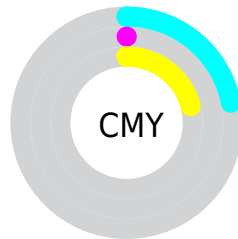
- Red (78%)
- Green (100%)
- Blue (79%)



- Red (78%)
- Yellow (98%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 255, 202 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 198, 255, 202 by changing the saturation by 10% instead.

■ 198, 255, 202

255, 255, 255

■ 198, 255, 202

■ 170, 226, 175

■ 143, 198, 148

■ 117, 171, 122

■ 91, 144, 97

■ 66, 118, 73

■ 41, 93, 50

■ 14, 69, 28

■ 0, 46, 4

■ 0, 26, 0

■ 198, 255, 202

■ 198, 255, 202

■ 173, 255, 178

■ 224, 255, 226

■ 147, 255, 155

■ 249, 255, 249

■ 122, 255, 131

255, 255, 255

■ 96, 255, 107

■ 71, 255, 83

■ 45, 255, 60

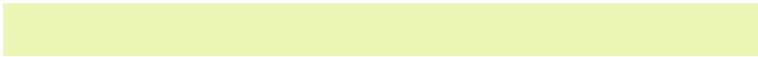
■ 20, 255, 36

■ 0, 255, 18

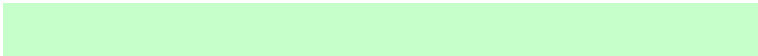
Harmonies

Analogous

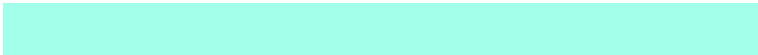
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 247, 181



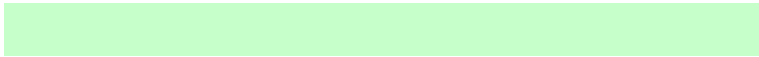
198, 255, 202



163, 255, 234

Triad

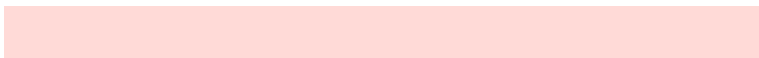
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198, 255, 202



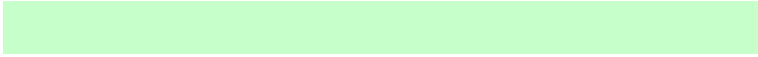
192, 246, 255



255, 218, 215

Complementary

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



198, 255, 202



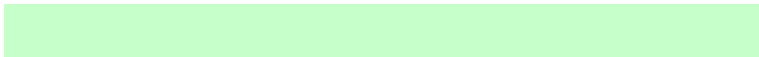
255, 198, 251

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, 217, 248



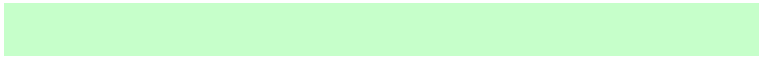
198, 255, 202



238, 234, 255

Square

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



198, 255, 202



153, 254, 255



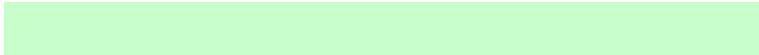
255, 224, 255



255, 226, 188

Rectangle

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



198, 255, 202



146, 255, 255



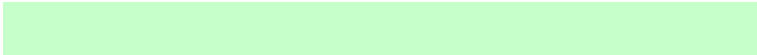
255, 224, 255



255, 217, 225

Sweetspot

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



198, 255, 202



237, 255, 238



251, 255, 198



117, 128, 118



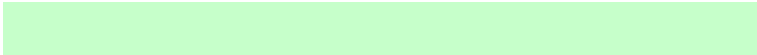
0, 0, 0



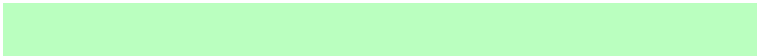
128, 128, 128

Same Dimension

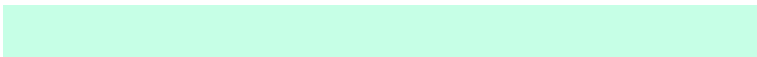
The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 255, 202



186, 255, 191



198, 255, 230



115, 128, 116



0, 191, 13



0, 64, 4

Inverse Universe

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



255, 198, 251



255, 186, 250



255, 198, 223



128, 115, 127



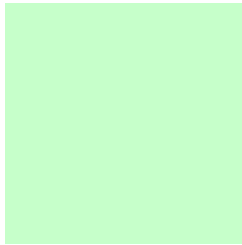
191, 0, 178



64, 0, 59

Previews

White Background



This preview shows how the RGB color 198, 255, 202 looks on a white background.

Color Contrast Check

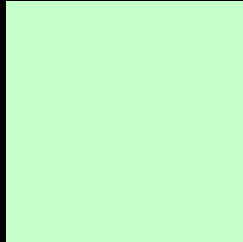
Large Text (above 18pt) WCAG AA × Fail

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 198, 255, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

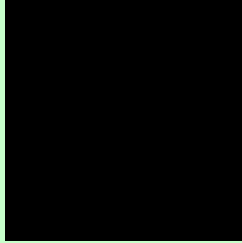
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

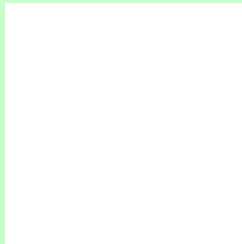
Any Text WCAG AAA ✓ Pass

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

RGB 198, 255, 202 Background



This preview shows how black text looks on a background with the RGB color 198, 255, 202.

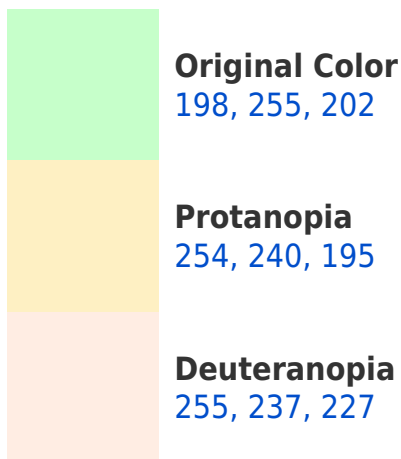


This preview shows how white text looks on a background with the RGB color 198, 255, 202.

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





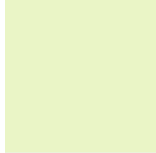
Tritanopia
223, 244, 255

Trichromacy



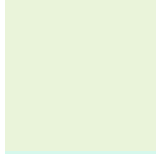
Original Color

198, 255, 202



Protanomaly

234, 245, 198



Deuteranomaly

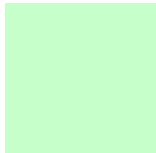
234, 244, 218



Tritanomaly

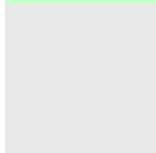
214, 248, 236

Monochromacy



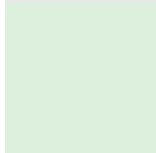
Original Color

198, 255, 202



Achromatopsia

232, 232, 232



Achromatomaly

220, 240, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 255, 202 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(198, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 202)  
}
```

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(198, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 202) }
```

Border

The CSS property to change the border of an element to RGB 198, 255, 202 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(198, 255, 202) }
```

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

```
.border{ border-color:rgb(198, 255, 202) }
```

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

Here you see how a box with a 4 pixel rgb(198, 255, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 198, 255, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 202) }
```

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

```
.background{ background-color: rgb(198,  
255, 202) }
```

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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