

Converting Colors

RGB(198, 255, 218)

Have a look what the booklet for
RGB(198, 255, 218) contains.

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Color

RGB(198, 255, 218)

Conversions

Conversions Part 1

Format	Color
Hex	C6FFDA
RGB	198, 255, 218
RGB Percent	78%, 100%, 85%
CMY	0.2235, 0.0000, 0.1451
CMYK	0.22, 0.00, 0.15, 0.00
HSL	141°, 100%, 89%
HSV	141°, 22%, 100%
XYZ	71.7036, 88.5877, 79.6496
YIQ	233.7390, -22.0950, -23.5910

Conversions

Conversions Part 2

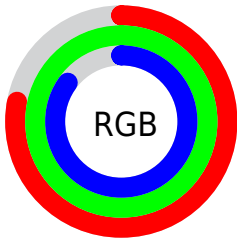
Format	Color
RYB	198, 240, 255
Decimal	13041626
CIELab	95.41, -25.04, 11.88
CIELCh	95, 27.713, 154.626
Yxy	88.5877, 0.2988, 0.3692
Android (android.graphics.Color)	4291231706 (0xFFC6FFDA)
YUV	233.7390, -7.7593, -31.3431
Hunter-Lab	94.1211, -28.7264, 15.7108

Details

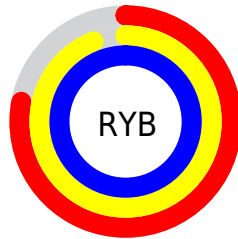
The RGB color **198, 255, 218** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 198, 235**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **143, 198, 163** is the 20% darker color. If you saturate the color by 10%, you get **173, 255, 201**, and if you desaturate by 10%, it is **224, 255, 235**.

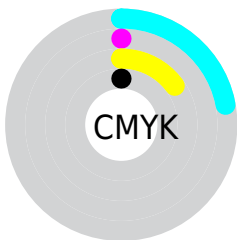
Distribution



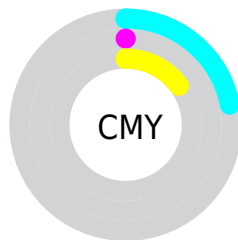
- Red (78%)
- Green (100%)
- Blue (85%)



- Red (78%)
- Yellow (94%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 255, 218 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, 218 by changing the saturation by 10% instead.

■ 198, 255, 218

255, 255, 255

■ 198, 255, 218

■ 170, 226, 190

■ 143, 198, 163

■ 117, 171, 137

■ 91, 144, 111

■ 66, 118, 87

■ 41, 93, 64

■ 15, 69, 41

■ 0, 46, 21

■ 0, 27, 0

■ 198, 255, 218

■ 198, 255, 218

■ 173, 255, 201

■ 224, 255, 235

■ 147, 255, 185

■ 249, 255, 251

■ 122, 255, 168

255, 255, 255

■ 96, 255, 152

■ 71, 255, 135

■ 45, 255, 119

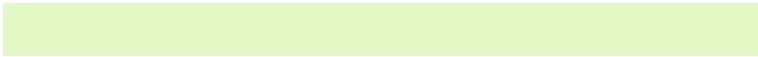
■ 20, 255, 102

■ 0, 255, 89

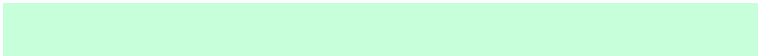
Harmonies

Analogous

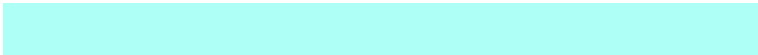
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 249, 197



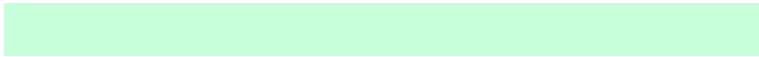
198, 255, 218



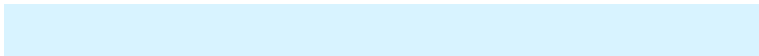
174, 255, 245

Triad

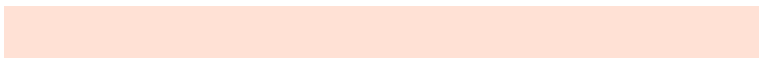
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198, 255, 218



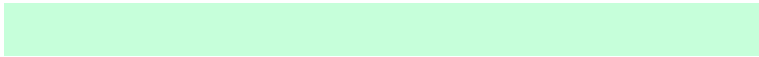
216, 243, 255



255, 225, 213

Complementary

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



198, 255, 218



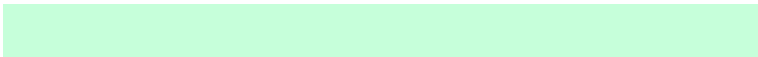
255, 198, 235

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, 223, 239



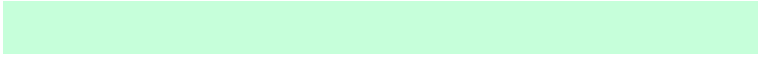
198, 255, 218



252, 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, 218



183, 251, 255



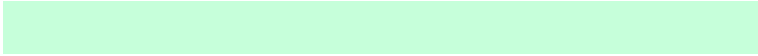
255, 226, 255



255, 232, 194

Rectangle

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



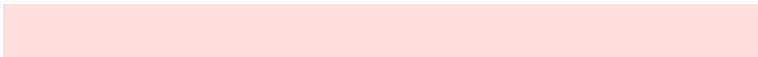
198, 255, 218



167, 255, 255



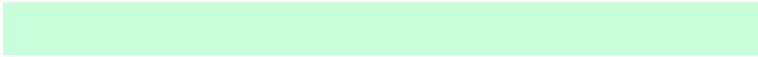
255, 226, 255



255, 224, 221

Sweetspot

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



198, 255, 218



237, 255, 243



235, 255, 198



117, 128, 121



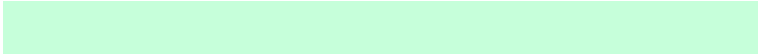
0, 0, 0



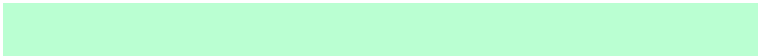
128, 128, 128

Same Dimension

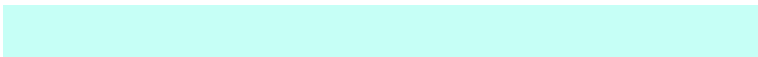
The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 255, 218



186, 255, 210



198, 255, 246



115, 128, 119



0, 191, 67



0, 64, 22

Inverse Universe

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



255, 198, 235



255, 186, 231



255, 198, 207



128, 115, 123



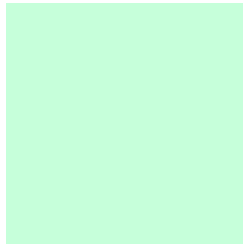
191, 0, 124



64, 0, 41

Previews

White Background



This preview shows how the RGB color 198, 255, 218 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, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

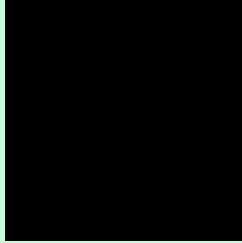
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

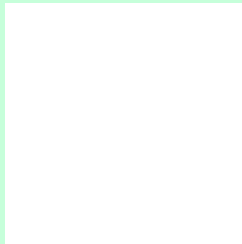
Any Text WCAG AAA ✓ Pass

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

RGB 198, 255, 218 Background



This preview shows how black text looks on a background with the RGB color 198, 255, 218.

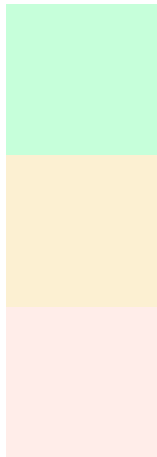


This preview shows how white text looks on a background with the RGB color 198, 255, 218.

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
198, 255, 218

Protanopia
252, 240, 210

Deuteranopia
255, 237, 233



Tritanopia

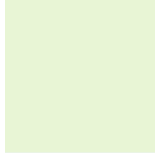
225, 245, 255

Trichromacy



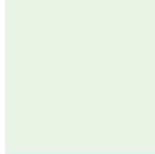
Original Color

198, 255, 218



Protanomaly

232, 245, 213



Deuteranomaly

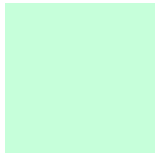
234, 244, 228



Tritanomaly

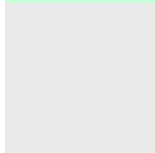
215, 249, 242

Monochromacy



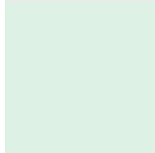
Original Color

198, 255, 218



Achromatopsia

234, 234, 234



Achromatomaly

221, 242, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 255, 218 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 218) }
```

Border

The CSS property to change the border of an element to RGB 198, 255, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

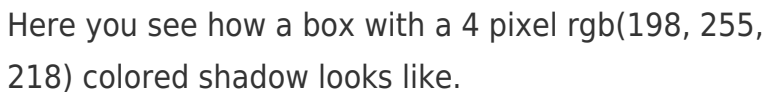
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 255, 218) }
```

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

```
.border{ border-color:rgb(198, 255, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 198, 255, 218 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, 218) }
```

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

```
.background{ background-color: rgb(198,  
255, 218) }
```

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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