Converting Colors

RGB(196, 248, 198)

Have a look what the booklet for RGB(196, 248, 198) contains.

Color

RGB(196, 248, 198)

Conversions

Conversions Part 1

Format	Color
Hex	C4F8C6
RGB	196, 248, 198
RGB Percent	77%, 97%, 78%
CMY	0.2314, 0.0275, 0.2235
CMYK	0.21, 0.00, 0.20, 0.03
HSL	122°, 79%, 87%
HSV	122°, 21%, 97%
XYZ	66.5254, 82.9478, 65.9303
YIQ	226.7520, -14.9420, -26.5740

Conversions

Conversions Part 2

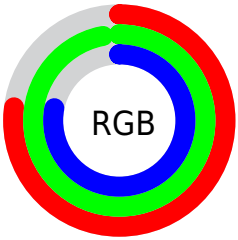
Format	Color
RYB	196, 246, 248
Decimal	12908742
CIELab	92.99, -25.86, 18.71
CIELCh	93, 31.918, 144.103
Yxy	82.9478, 0.3088, 0.3851
Android (android.graphics.Color)	4291098822 (0xFFC4F8C6)
YUV	226.7520, -14.1747, -26.9695
Hunter-Lab	91.0757, -28.9987, 20.8325

Details

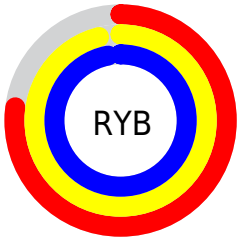
The RGB color 196, 248, 198 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 248, 196, 246, and the grayscale version is 227, 227, 227.

A 20% lighter version of the original color is 253, 255, 255, and 141, 191, 144 is the 20% darker color. If you saturate the color by 10%, you get 171, 248, 174, and if you desaturate by 10%, it is 221, 248, 222.

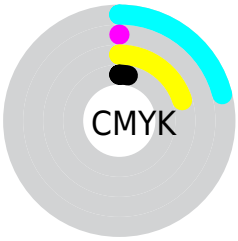
Distribution



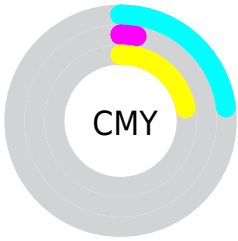
- Red (77%)
- Green (97%)
- Blue (78%)



- Red (77%)
- Yellow (96%)
- Blue (97%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (3%)



- Cyan (23%)
- Magenta (3%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 248, 198 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, 248, 198 by changing the saturation by 10% instead.

196, 248, 198

255, 255, 255

253, 255, 255

196, 248, 198

168, 219, 171

141, 191, 144

115, 164, 118

90, 138, 93

65, 112, 70

41, 87, 47

15, 64, 25

0, 41, 0

0, 18, 0

196, 248, 198

171, 248, 174

146, 248, 150

122, 248, 126

97, 248, 103

72, 248, 79

47, 248, 55

22, 248, 31

0, 248, 10

196, 248, 198

221, 248, 222

246, 248, 246

255, 248, 255

Harmonies

Analogous

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

231, 241, 178

196, 248, 198

164, 252, 227

Triad

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

196, 248, 198

189, 240, 255

255, 214, 211

Complementary

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

196, 248, 198

248, 196, 246

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, 242

196, 248, 198

232, 229, 255

Square

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

196, 248, 198

154, 248, 255

255, 219, 255

255, 221, 186

Rectangle

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

196, 248, 198

149, 252, 249

255, 219, 255

255, 213, 221

Sweetspot

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

196, 248, 198

240, 255, 240

246, 248, 196

119, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

196, 248, 198

191, 255, 194

196, 248, 224

112, 125, 113

0, 189, 7

0, 61, 2

Inverse Universe

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

248, 196, 246

255, 191, 253

248, 196, 220

125, 112, 124

189, 0, 181

61, 0, 59

Previews

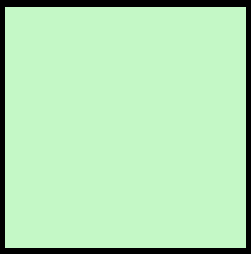
White Background

This preview shows how the RGB color 196, 248, 198 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



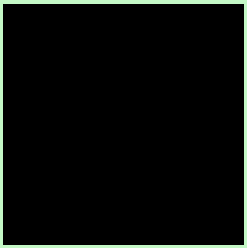
This preview shows how the RGB color 196, 248, 198 looks on a black background.

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, 248, 198 Background



This preview shows how black text looks on a background with the RGB color 196, 248, 198.

This preview shows how white text looks on a background with the RGB color 196, 248, 198.

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, 248, 198

Protanopia
248, 234, 191

Deuteranopia
255, 229, 216

Tritanopia
211, 239, 255

Trichromacy

Original Color
196, 248, 198

Protanomaly
229, 239, 194

Deuteranomaly
234, 236, 209

Tritanomaly
206, 242, 234

Monochromacy

Original Color
196, 248, 198

Achromatopsia
227, 227, 227

Achromatomaly
216, 235, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 248, 198 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, 248, 198) looks like.

```
.text, #text, p{
    color:rgb(196, 248, 198)
}
```

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, 248, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 248, 198) }
```

Border

The CSS property to change the border of an element to RGB 196, 248, 198 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, 248, 198) }
```

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

```
.border{ border-color:rgb(196, 248, 198) }
```

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

Here you see how a box with a 4 pixel rgb(196, 248, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 248, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 248, 198); box-shadow:4px 4px 4px 4px rgb(196, 248, 198) }
```

Background

The CSS property to change the background color of an element to RGB 196, 248, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(196, 248, 198) }
```

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

```
.background{ background-color:rgb(196,
248, 198) }
```

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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