Converting Colors

RGB(198, 239, 196)

Have a look what the booklet for RGB(198, 239, 196) contains.

Color

RGB(198, 239, 196)

Conversions

Conversions Part 1

Format	Color
Hex	C6EFC4
RGB	198, 239, 196
RGB Percent	78%, 94%, 77%
CMY	0.2235, 0.0627, 0.2314
CMYK	0.17, 0.00, 0.18, 0.06
HSL	117°, 57%, 85%
HSV	117°, 18%, 94%
XYZ	64.1190, 77.7243, 63.8474
YIQ	221.8390, -10.6330, -22.0650

Conversions

Conversions Part 2

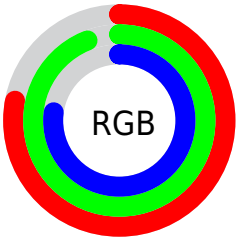
Format	Color
RYB	196, 239, 237
Decimal	13037508
CIELab	90.65, -21.20, 16.49
CIELCh	91, 26.854, 142.129
Yxy	77.7243, 0.3117, 0.3779
Android (android.graphics.Color)	4291227588 (0xFFC6EFC4)
YUV	221.8390, -12.7386, -20.9068
Hunter-Lab	88.1614, -24.4609, 18.7745

Details

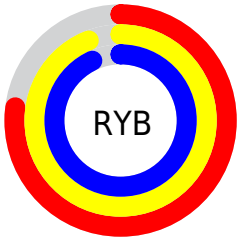
The RGB color 198, 239, 196 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 237, 196, 239, and the grayscale version is 222, 222, 222.

A 20% lighter version of the original color is 255, 255, 253, and 144, 183, 142 is the 20% darker color. If you saturate the color by 10%, you get 175, 239, 172, and if you desaturate by 10%, it is 221, 239, 220.

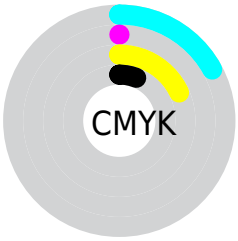
Distribution



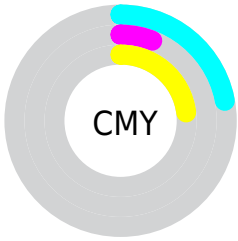
- Red (78%)
- Green (94%)
- Blue (77%)



- Red (77%)
- Yellow (94%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)



- Cyan (22%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 239, 196 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, 239, 196 by changing the saturation by 10% instead.

198, 239, 196

255, 255, 255

255, 255, 253

198, 239, 196

170, 211, 169

144, 183, 142

118, 156, 117

92, 130, 92

68, 105, 68

44, 80, 46

21, 57, 24

1, 35, 0

0, 4, 0

198, 239, 196

175, 239, 172

152, 239, 148

130, 239, 124

107, 239, 100

84, 239, 77

61, 239, 53

38, 239, 29

16, 239, 5

11, 239, 0

198, 239, 196

221, 239, 220

244, 239, 244

255, 239, 255

Harmonies

Analogous

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

227, 233, 180

198, 239, 196

172, 243, 220

Triad

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

198, 239, 196

189, 233, 255

255, 211, 210

Complementary

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

198, 239, 196

237, 196, 239

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, 210, 236

198, 239, 196

224, 224, 255

Square

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

198, 239, 196

163, 239, 255

255, 216, 255

255, 216, 189

Rectangle

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

198, 239, 196

160, 243, 238

255, 216, 255

255, 210, 218

Sweetspot

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

198, 239, 196

243, 255, 242

239, 237, 196

120, 128, 120

0, 0, 0

128, 128, 128

Same Dimension

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

198, 239, 196

202, 255, 199

196, 239, 215

108, 120, 108

9, 184, 0

3, 56, 0

Inverse Universe

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

237, 196, 239

252, 199, 255

239, 196, 220

119, 108, 120

175, 0, 184

53, 0, 56

Previews

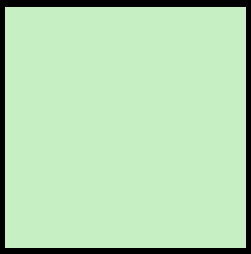
White Background

This preview shows how the RGB color 198, 239, 196 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



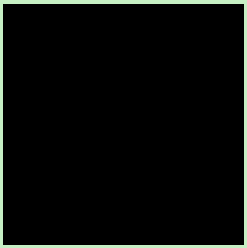
This preview shows how the RGB color 198, 239, 196 looks on a black background.

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, 239, 196 Background



This preview shows how black text looks on a background with the RGB color 198, 239, 196.

This preview shows how white text looks on a background with the RGB color 198, 239, 196.

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, 239, 196

Protanopia
240, 227, 190

Deuteranopia
255, 221, 205

Tritanopia
207, 232, 250

Trichromacy

Original Color
198, 239, 196

Protanomaly
225, 231, 192

Deuteranomaly
234, 228, 202

Tritanomaly
204, 235, 230

Monochromacy

Original Color
198, 239, 196

Achromatopsia
222, 222, 222

Achromatomaly
213, 228, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 239, 196 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, 239, 196) looks like.

```
.text, #text, p{
    color:rgb(198, 239, 196)
}
```

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, 239, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 239, 196) }
```

Border

The CSS property to change the border of an element to RGB 198, 239, 196 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, 239, 196) }
```

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

```
.border{ border-color:rgb(198, 239, 196) }
```

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

Here you see how a box with a 4 pixel rgb(198, 239, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 239, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 239, 196); box-shadow:4px 4px 4px 4px rgb(198, 239, 196) }
```

Background

The CSS property to change the background color of an element to RGB 198, 239, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(198, 239, 196) }
```

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

```
.background{ background-color:rgb(198,
239, 196) }
```

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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