Converting Colors

RGB(198, 243, 188)

Have a look what the booklet for RGB(198, 243, 188) contains.

Color

RGB(198, 243, 188)

Conversions

Conversions Part 1

Format	Color
Hex	C6F3BC
RGB	198, 243, 188
RGB Percent	78%, 95%, 74%
CMY	0.2235, 0.0471, 0.2627
CMYK	0.19, 0.00, 0.23, 0.05
HSL	109°, 70%, 85%
HSV	109°, 23%, 95%
XYZ	64.4164, 79.7378, 59.5728
YIQ	223.2750, -9.1650, -26.6450

Conversions

Conversions Part 2

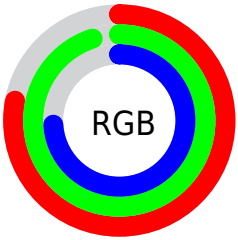
Format	Color
RYB	188, 243, 233
Decimal	13038524
CIELab	91.57, -24.46, 21.88
CIELCh	92, 32.818, 138.181
Yxy	79.7378, 0.3162, 0.3914
Android (android.graphics.Color)	4291228604 (0xFFC6F3BC)
YUV	223.2750, -17.3906, -22.1662
Hunter-Lab	89.2960, -27.5016, 22.9526

Details

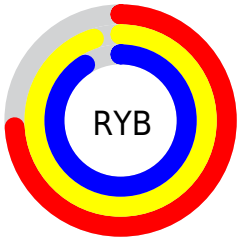
The RGB color 198, 243, 188 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 233, 188, 243, and the grayscale version is 223, 223, 223.

A 20% lighter version of the original color is 255, 255, 244, and 143, 187, 135 is the 20% darker color. If you saturate the color by 10%, you get 178, 243, 164, and if you desaturate by 10%, it is 218, 243, 212.

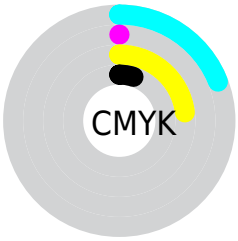
Distribution



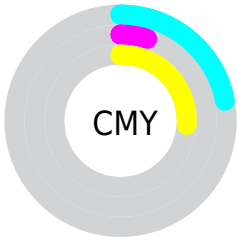
- Red (78%)
- Green (95%)
- Blue (74%)



- Red (74%)
- Yellow (95%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (23%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 243, 188 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, 243, 188 by changing the saturation by 10% instead.

198, 243, 188

255, 255, 255

255, 255, 244

198, 243, 188

170, 215, 161

143, 187, 135

117, 160, 109

92, 133, 84

67, 108, 61

43, 83, 38

19, 60, 17

0, 38, 0

0, 11, 0

198, 243, 188

178, 243, 164

158, 243, 139

138, 243, 115

118, 243, 91

99, 243, 67

79, 243, 42

59, 243, 18

44, 243, 0

198, 243, 188

218, 243, 212

238, 243, 237

255, 243, 255

Harmonies

Analogous

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

234, 235, 171

198, 243, 188

163, 248, 217

Triad

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

198, 243, 188

174, 238, 255

255, 208, 213

Complementary

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

198, 243, 188

233, 188, 243

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, 209, 245

198, 243, 188

219, 227, 255

Square

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

198, 243, 188

142, 245, 255

255, 216, 255

255, 215, 185

Rectangle

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

198, 243, 188

145, 249, 239

255, 216, 255

255, 208, 223

Sweetspot

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

198, 243, 188

240, 255, 237

243, 233, 188

119, 128, 117

0, 0, 0

128, 128, 128

Same Dimension

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

198, 243, 188

199, 255, 186

188, 243, 205

112, 122, 110

34, 186, 0

11, 59, 0

Inverse Universe

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

233, 188, 243

242, 186, 255

243, 188, 226

120, 110, 122

152, 0, 186

48, 0, 59

Previews

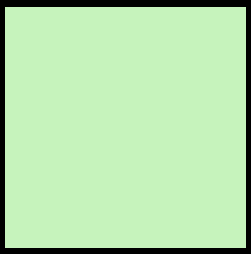
White Background

This preview shows how the RGB color 198, 243, 188 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



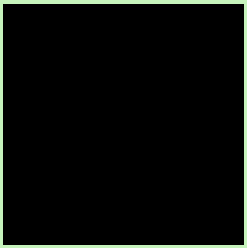
This preview shows how the RGB color 198, 243, 188 looks on a black background.

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, 243, 188 Background



This preview shows how black text looks on a background with the RGB color 198, 243, 188.

This preview shows how white text looks on a background with the RGB color 198, 243, 188.

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, 243, 188

Protanopia
245, 230, 182

Deuteranopia
255, 224, 206

Tritanopia
209, 234, 253

Trichromacy

Original Color
198, 243, 188

Protanomaly
228, 235, 184

Deuteranomaly
234, 231, 199

Tritanomaly
205, 237, 229

Monochromacy

Original Color
198, 243, 188

Achromatopsia
223, 223, 223

Achromatomaly
214, 230, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 243, 188 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, 243, 188) looks like.

```
.text, #text, p{
    color:rgb(198, 243, 188)
}
```

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, 243, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 243, 188) }
```

Border

The CSS property to change the border of an element to RGB 198, 243, 188 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, 243, 188) }
```

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

```
.border{ border-color:rgb(198, 243, 188) }
```

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

Here you see how a box with a 4 pixel rgb(198, 243, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 243, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 243, 188); box-shadow:4px 4px 4px 4px rgb(198, 243, 188) }
```

Background

The CSS property to change the background color of an element to RGB 198, 243, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(198, 243, 188) }
```

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

```
.background{ background-color:rgb(198,
243, 188) }
```

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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