Converting Colors

RGB(208, 248, 194)

Have a look what the booklet for RGB(208, 248, 194) contains.

Color

RGB(208, 248, 194)

Conversions

Conversions Part 1

Format	Color
Hex	D0F8C2
RGB	208, 248, 194
RGB Percent	82%, 97%, 76%
CMY	0.1843, 0.0275, 0.2392
CMYK	0.16, 0.00, 0.22, 0.03
HSL	104°, 79%, 87%
HSV	104°, 22%, 97%
XYZ	69.3174, 84.4397, 63.6840
YIQ	229.8840, -6.5060, -25.2740

Conversions

Conversions Part 2

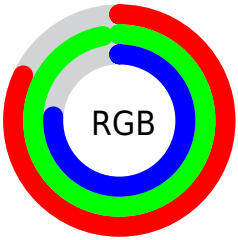
Format	Color
RYB	194, 248, 234
Decimal	13695170
CIELab	93.64, -22.53, 21.78
CIELCh	94, 31.336, 135.972
Yxy	84.4397, 0.3188, 0.3883
Android (android.graphics.Color)	4291885250 (0xFFD0F8C2)
YUV	229.8840, -17.6908, -19.1923
Hunter-Lab	91.8911, -26.1592, 23.2335

Details

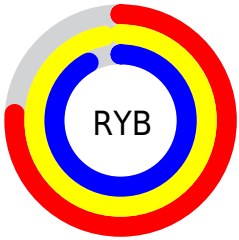
The RGB color 208, 248, 194 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 234, 194, 248, and the grayscale version is 230, 230, 230.

A 20% lighter version of the original color is 255, 255, 251, and 153, 191, 140 is the 20% darker color. If you saturate the color by 10%, you get 190, 248, 169, and if you desaturate by 10%, it is 226, 248, 219.

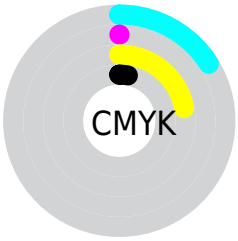
Distribution



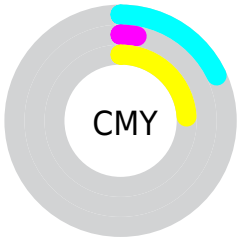
- Red (82%)
- Green (97%)
- Blue (76%)



- Red (76%)
- Yellow (97%)
- Blue (92%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (3%)



- Cyan (18%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 248, 194 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 208, 248, 194 by changing the saturation by 10% instead.

208, 248, 194

255, 255, 255

255, 255, 251

208, 248, 194

180, 219, 167

153, 191, 140

127, 164, 114

101, 138, 90

76, 112, 66

52, 88, 43

29, 64, 22

8, 42, 0

0, 21, 0

208, 248, 194

190, 248, 169

171, 248, 144

153, 248, 120

135, 248, 95

116, 248, 70

98, 248, 45

79, 248, 20

64, 248, 0

208, 248, 194

226, 248, 219

245, 248, 244

255, 248, 255

Harmonies

Analogous

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

242, 240, 178

208, 248, 194

175, 253, 221

Triad

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

208, 248, 194

181, 244, 255

255, 215, 221

Complementary

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

208, 248, 194

234, 194, 248

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, 216, 252

208, 248, 194

222, 234, 255

Square

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

208, 248, 194

153, 251, 255

255, 224, 255

255, 221, 195

Rectangle

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

208, 248, 194

157, 254, 242

255, 224, 255

255, 215, 232

Sweetspot

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

208, 248, 194

242, 255, 237

248, 234, 194

120, 128, 117

0, 0, 0

128, 128, 128

Same Dimension

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

208, 248, 194

206, 255, 189

194, 248, 207

116, 125, 112

49, 189, 0

16, 61, 0

Inverse Universe

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

234, 194, 248

238, 189, 255

248, 194, 235

122, 112, 125

140, 0, 189

45, 0, 61

Previews

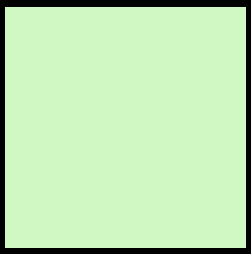
White Background

This preview shows how the RGB color 208, 248, 194 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



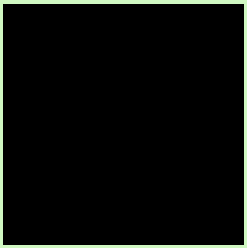
This preview shows how the RGB color 208, 248, 194 looks on a black background.

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 208, 248, 194 Background



This preview shows how black text looks on a background with the RGB color 208, 248, 194.

This preview shows how white text looks on a background with the RGB color 208, 248, 194.

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
208, 248, 194

Protanopia
251, 236, 188

Deuteranopia
255, 232, 218

Tritanopia
221, 239, 255

Trichromacy

Original Color
208, 248, 194

Protanomaly
235, 240, 190

Deuteranomaly
238, 238, 209

Tritanomaly
216, 242, 233

Monochromacy

Original Color
208, 248, 194

Achromatopsia
230, 230, 230

Achromatomaly
222, 237, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 248, 194 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(208, 248, 194) looks like.

```
.text, #text, p{
    color:rgb(208, 248, 194)
}
```

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(208, 248, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 248, 194) }
```

Border

The CSS property to change the border of an element to RGB 208, 248, 194 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(208, 248, 194) }
```

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

```
.border{ border-color:rgb(208, 248, 194) }
```

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

Here you see how a box with a 4 pixel rgb(208, 248, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 248, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 248, 194); box-shadow:4px 4px 4px 4px rgb(208, 248, 194) }
```

Background

The CSS property to change the background color of an element to RGB 208, 248, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(208, 248, 194) }
```

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

```
.background{ background-color:rgb(208,
248, 194) }
```

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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