Converting Colors

RGB(208, 250, 203)

Have a look what the booklet for RGB(208, 250, 203) contains.

Color

RGB(208, 250, 203)

Conversions

Conversions Part 1

Format	Color
Hex	D0FACB
RGB	208, 250, 203
RGB Percent	82%, 98%, 80%
CMY	0.1843, 0.0196, 0.2039
CMYK	0.17, 0.00, 0.19, 0.02
HSL	114°, 82%, 89%
HSV	114°, 19%, 98%
XYZ	70.9775, 86.0929, 69.3766
YIQ	232.0840, -9.9450, -23.5210

Conversions

Conversions Part 2

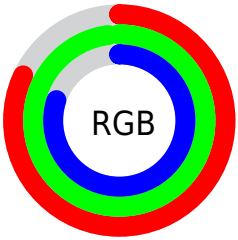
Format	Color
RYB	203, 250, 245
Decimal	13695691
CIELab	94.35, -22.03, 18.16
CIELCh	94, 28.551, 140.497
Yxy	86.0929, 0.3134, 0.3802
Android (android.graphics.Color)	4291885771 (0xFFD0FACB)
YUV	232.0840, -14.3384, -21.1217
Hunter-Lab	92.7863, -25.8311, 20.6191

Details

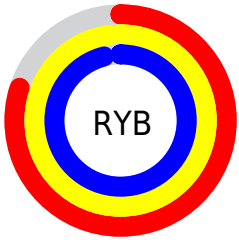
The RGB color 208, 250, 203 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 245, 203, 250, and the grayscale version is 232, 232, 232.

A 20% lighter version of the original color is 255, 255, 255, and 153, 193, 149 is the 20% darker color. If you saturate the color by 10%, you get 186, 250, 178, and if you desaturate by 10%, it is 230, 250, 228.

Distribution

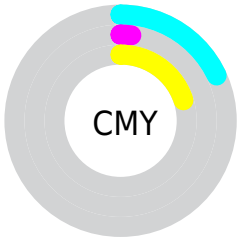


- Red (82%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (96%)

- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 250, 203 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, 250, 203 by changing the saturation by 10% instead.

208, 250, 203

255, 255, 255

208, 250, 203

180, 221, 176

153, 193, 149

127, 166, 123

101, 140, 98

76, 114, 74

53, 89, 51

29, 66, 29

6, 43, 6

0, 24, 0

208, 250, 203

186, 250, 178

163, 250, 153

141, 250, 128

119, 250, 103

96, 250, 78

74, 250, 53

52, 250, 28

29, 250, 3

27, 250, 0

208, 250, 203

230, 250, 228

253, 250, 253

255, 250, 255

Harmonies

Analogous

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

240, 243, 187

208, 250, 203

179, 254, 229

Triad

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

208, 250, 203

195, 244, 255

255, 220, 221

Complementary

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

208, 250, 203

245, 203, 250

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, 220, 249

208, 250, 203

232, 235, 255

Square

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

208, 250, 203

167, 251, 255

255, 226, 255

255, 225, 197

Rectangle

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

208, 250, 203

166, 255, 248

255, 226, 255

255, 219, 230

Sweetspot

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

208, 250, 203

241, 255, 240

250, 245, 203

120, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

208, 250, 203

203, 255, 196

203, 250, 221

114, 125, 112

20, 189, 0

7, 61, 0

Inverse Universe

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

245, 203, 250

249, 196, 255

250, 203, 232

124, 112, 125

169, 0, 189

55, 0, 61

Previews

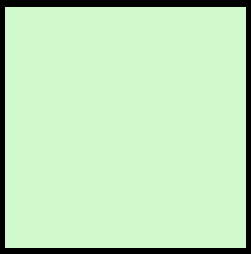
White Background

This preview shows how the RGB color 208, 250, 203 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



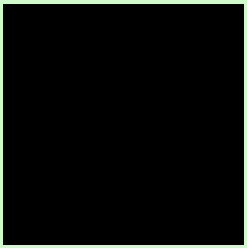
This preview shows how the RGB color 208, 250, 203 looks on a black background.

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, 250, 203 Background



This preview shows how black text looks on a background with the RGB color 208, 250, 203.

This preview shows how white text looks on a background with the RGB color 208, 250, 203.

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, 250, 203

Protanopia
252, 238, 197

Deuteranopia
255, 234, 224

Tritanopia
224, 241, 255

Trichromacy

Original Color
208, 250, 203

Protanomaly
236, 242, 199

Deuteranomaly
238, 240, 216

Tritanomaly
218, 244, 236

Monochromacy

Original Color
208, 250, 203

Achromatopsia
232, 232, 232

Achromatomaly
223, 239, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 250, 203 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, 250, 203) looks like.

```
.text, #text, p{
    color:rgb(208, 250, 203)
}
```

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, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 250, 203) }
```

Border

The CSS property to change the border of an element to RGB 208, 250, 203 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, 250, 203) }
```

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

```
.border{ border-color:rgb(208, 250, 203) }
```

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

Here you see how a box with a 4 pixel rgb(208, 250, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 250, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 250, 203); box-shadow:4px 4px 4px 4px rgb(208, 250, 203) }
```

Background

The CSS property to change the background color of an element to RGB 208, 250, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(208, 250, 203) }
```

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

```
.background{ background-color:rgb(208,
250, 203) }
```

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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