

Converting Colors

RGB(202, 245, 199)

Have a look what the booklet for
RGB(202, 245, 199) contains.

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Color

RGB(202, 245, 199)

Conversions

Conversions Part 1

Format	Color
Hex	CAF5C7
RGB	202, 245, 199
RGB Percent	79%, 96%, 78%
CMY	0.2078, 0.0392, 0.2196
CMYK	0.18, 0.00, 0.19, 0.04
HSL	116°, 70%, 87%
HSV	116°, 19%, 96%
XYZ	67.3183, 81.9849, 66.3094
YIQ	226.8990, -10.8620, -23.4220

Conversions

Conversions Part 2

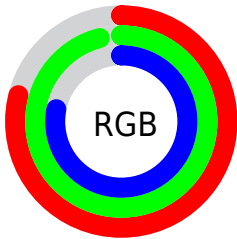
Format	Color
RYB	199, 245, 242
Decimal	13301191
CIELab	92.57, -22.27, 17.66
CIELCh	93, 28.426, 141.589
Yxy	81.9849, 0.3122, 0.3802
Android (android.graphics.Color)	4291491271 (0xFFCAF5C7)
YUV	226.8990, -13.7542, -21.8364
Hunter-Lab	90.5455, -25.7443, 19.9618

Details

The RGB color **202, 245, 199** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **242, 199, 245**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **147, 189, 145** is the 20% darker color. If you saturate the color by 10%, you get **179, 245, 175**, and if you desaturate by 10%, it is **225, 245, 224**.

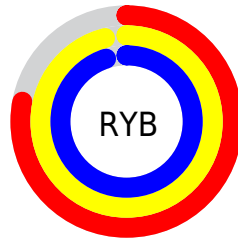
Distribution



Red (79%)

Green (96%)

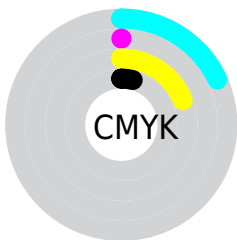
Blue (78%)



Red (78%)

Yellow (96%)

Blue (95%)

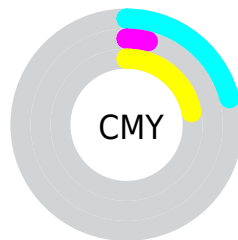


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (4%)



Cyan (21%)

Magenta (4%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 245, 199 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 202, 245, 199 by changing the saturation by 10% instead.

■ 202, 245, 199

255, 255, 255

■ 202, 245, 199

■ 174, 216, 172

■ 147, 189, 145

■ 121, 161, 119

■ 96, 135, 94

■ 71, 110, 70

■ 47, 85, 48

■ 24, 62, 26

■ 3, 39, 1

■ 0, 16, 0

 202, 245, 199

 202, 245, 199

 179, 245, 175

 225, 245, 224

 156, 245, 150

 248, 245, 248

 133, 245, 125

 255, 245, 255

 110, 245, 101

 87, 245, 77

 65, 245, 52

 42, 245, 28

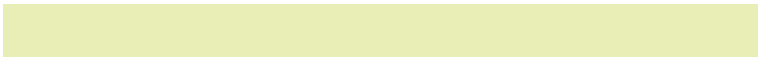
 19, 245, 3

 16, 245, 0

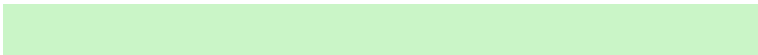
Harmonies

Analogous

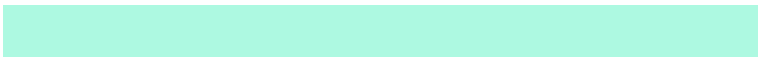
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 238, 183



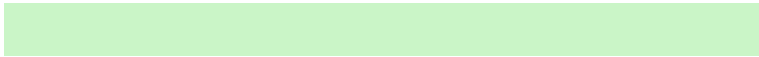
202, 245, 199



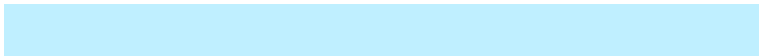
173, 249, 225

Triad

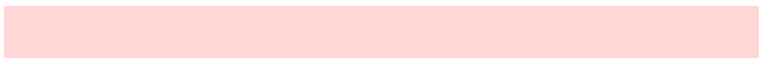
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



202, 245, 199



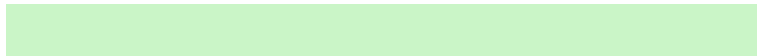
191, 239, 255



255, 215, 215

Complementary

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



202, 245, 199



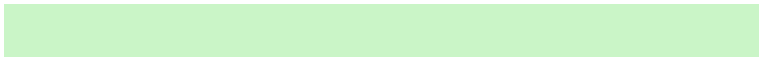
242, 199, 245

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, 215, 243



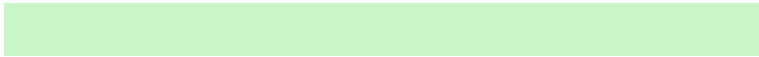
202, 245, 199



228, 229, 255

Square

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



202, 245, 199



163, 245, 255



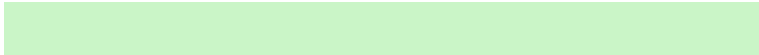
255, 220, 255



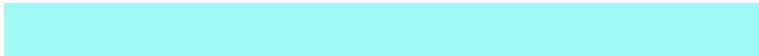
255, 221, 192

Rectangle

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



202, 245, 199



160, 249, 244



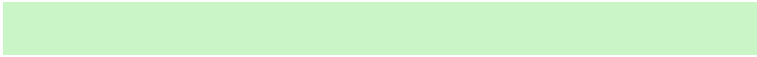
255, 220, 255



255, 214, 224

Sweetspot

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



202, 245, 199



241, 255, 240



245, 242, 199



119, 128, 119



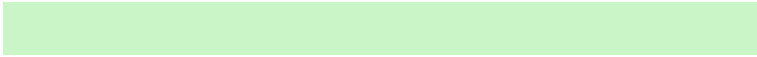
0, 0, 0



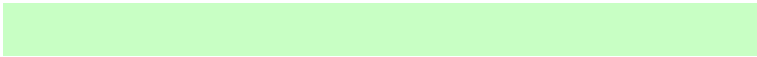
128, 128, 128

Same Dimension

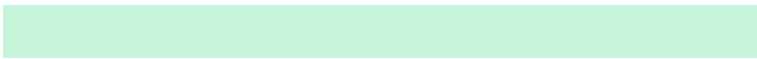
The Same Dimension uses a secret algorithm to generate beautiful new colors.



202, 245, 199



200, 255, 196



199, 245, 219



111, 122, 110



12, 186, 0



4, 59, 0

Inverse Universe

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



242, 199, 245



251, 196, 255



245, 199, 225



122, 110, 122



174, 0, 186



55, 0, 59

Previews

White Background



This preview shows how the RGB color 202, 245, 199 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 202, 245, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

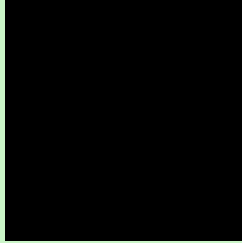
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

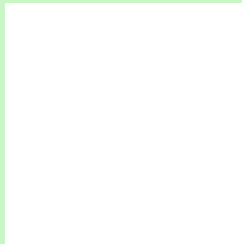
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 202, 245, 199 Background



This preview shows how black text looks on a background with the RGB color 202, 245, 199.

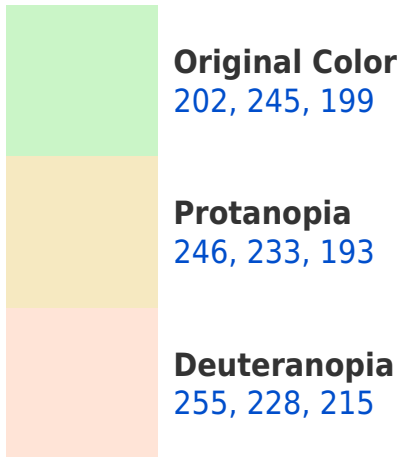


This preview shows how white text looks on a background with the RGB color 202, 245, 199.

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





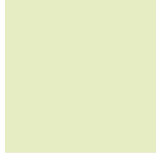
Tritanopia
213, 237, 255

Trichromacy



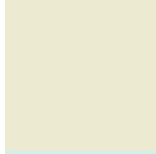
Original Color

202, 245, 199



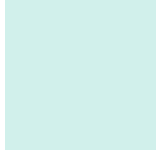
Protanomaly

230, 237, 195



Deuteranomaly

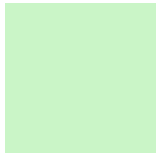
236, 234, 209



Tritanomaly

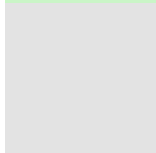
209, 240, 235

Monochromacy



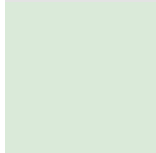
Original Color

202, 245, 199



Achromatopsia

227, 227, 227



Achromatomaly

218, 234, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 245, 199 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(202, 245, 199)` looks like.

```
.text, #text, p{  
    color:rgb(202, 245, 199)  
}
```

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(202, 245, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 245, 199) }
```

Border

The CSS property to change the border of an element to RGB 202, 245, 199 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(202, 245, 199) }
```

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

```
.border{ border-color:rgb(202, 245, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 245, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 245, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 245, 199);  
box-shadow:4px 4px 4px 4px rgb(202, 245,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 202, 245, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 245, 199) }
```

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

```
.background{ background-color: rgb(202,  
245, 199) }
```

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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