

Converting Colors

`RYB(205, 252, 208)`

Have a look what the booklet for
RYB(205, 252, 208) contains.

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Color

R_YB(205, 252, 208)

Conversions

Conversions Part 1

Format	Color
Hex	F9FCCD
RGB	249, 252, 205
RGB Percent	98%, 99%, 80%
CMY	0.0235, 0.0118, 0.1961
CMYK	0.01, 0.00, 0.19, 0.01
HSL	64°, 89%, 90%
HSV	64°, 19%, 99%
XYZ	84.8968, 94.1683, 71.4594
YIQ	245.7450, 13.2990, -15.2530

Conversions

Conversions Part 2

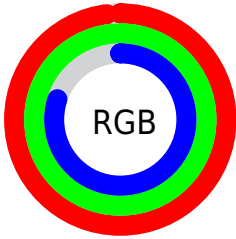
Format	Color
R_{YB}	205, 252, 208
Decimal	16383181
CIE _{Lab}	97.70, -8.56, 22.23
CIE _{LCh}	98, 23.819, 111.056
Yxy	94.1683, 0.3389, 0.3759
Android (android.graphics.Color)	4294573261 (0xFFF9FCCD)
YUV	245.7450, -20.0873, 2.8546
Hunter-Lab	97.0404, -13.6581, 24.2678

Details

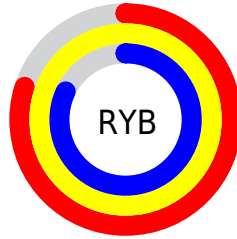
The RYB color **205, 252, 208** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **208, 205, 252**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 195, 154** is the 20% darker color. If you saturate the color by 10%, you get **180, 252, 185**, and if you desaturate by 10%, it is **230, 252, 231**.

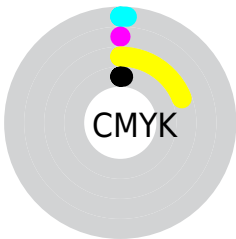
Distribution



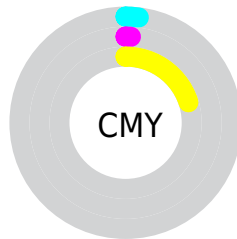
- Red (98%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 252, 208 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 RYB color 205, 252, 208 by changing the saturation by 10% instead.

 205, 252, 208


 205, 252, 208

255, 255, 255

 177, 223, 180

 151, 195, 154

 125, 168, 128

 99, 142, 103

 75, 116, 78

 52, 92, 56

 30, 68, 34

 7, 46, 12

 0, 26, 7

205, 252, 208

205, 252, 208

180, 252, 185

230, 252, 231

155, 252, 161

252, 252, 255

129, 252, 137

254, 252, 255

104, 252, 113

255, 252, 255

79, 252, 90

54, 252, 67

29, 252, 43

3, 252, 19

0, 252, 16

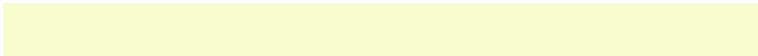
Harmonies

Analogous

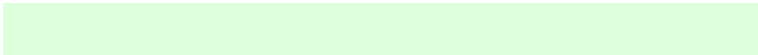
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217, 255, 203



205, 252, 208



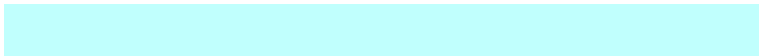
219, 255, 252

Triad

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



205, 252, 208



192, 224, 255



255, 233, 255

Complementary

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



205, 252, 208



208, 205, 252

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, 237, 255



205, 252, 208



214, 234, 255

Square

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



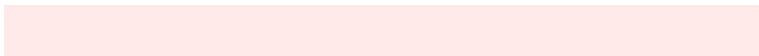
205, 252, 208



187, 221, 255



244, 245, 255



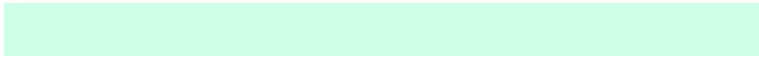
255, 233, 233

Rectangle

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



205, 252, 208



206, 238, 255



244, 245, 255



255, 234, 255

Sweetspot

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



205, 252, 208



240, 255, 241



252, 207, 205



119, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

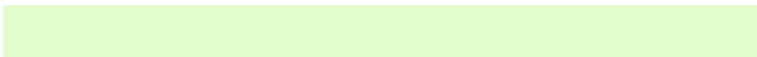
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 252, 208



199, 255, 203



205, 252, 231



112, 125, 113



0, 189, 12



0, 61, 4

Inverse Universe

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



208, 205, 252



202, 199, 255



231, 205, 252



113, 112, 125



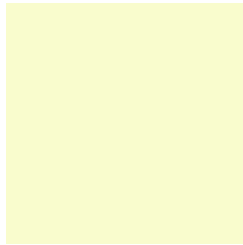
12, 0, 189



4, 0, 61

Previews

White Background



This preview shows how the RYB color 205, 252, 208 looks on a white background.

Color Contrast Check

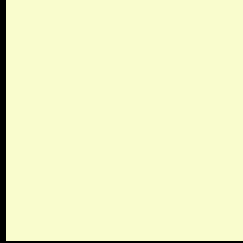
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 205, 252, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

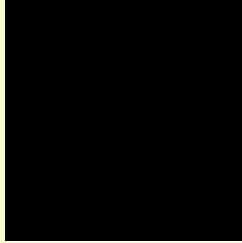
Any Text WCAG AA ✓ Pass

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](#).

RYB 205, 252, 208 Background



This preview shows how black text looks on a background with the RYB color 205, 252, 208.

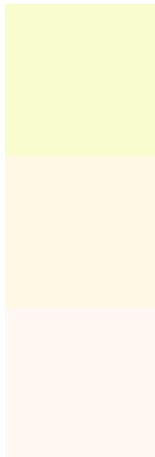


This preview shows how white text looks on a background with the RYB color 205, 252, 208.

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
205, 252, 208

Protanopia
239, 255, 229

Deuteranopia
255, 250, 242



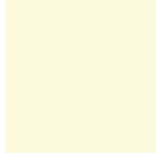
Tritanopia

252, 246, 255

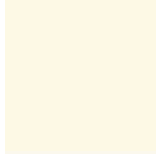
Trichromacy



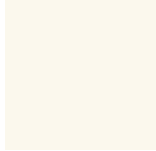
Original Color
205, 252, 208



Protanomaly
225, 253, 220

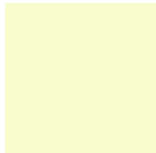


Deuteranomaly
234, 253, 229

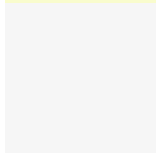


Tritanomaly
241, 251, 237

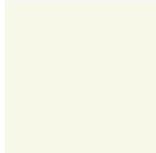
Monochromacy



Original Color
205, 252, 208



Achromatopsia
246, 246, 246



Achromatomaly
231, 248, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 252, 208 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(249, 252, 205)` looks like.

```
.text, #text, p{  
    color:rgb(249, 252, 205)  
}
```

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(249, 252, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 252, 205) }
```

Border

The CSS property to change the border of an element to RYB 205, 252, 208 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(249, 252, 205) }
```

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

```
.border{ border-color:rgb(249, 252, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 252, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 252, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 252, 205);  
box-shadow:4px 4px 4px 4px rgb(249, 252,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 205, 252, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 252, 205) }
```

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

```
.background{ background-color: rgb(249,  
252, 205) }
```

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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