

Converting Colors

`RYB(208, 248, 208)`

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

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Color

R_YB(208, 248, 208)

Conversions

Conversions Part 1

Format	Color
Hex	F8F8D0
RGB	248, 248, 208
RGB Percent	97%, 97%, 82%
CMY	0.0275, 0.0275, 0.1843
CMYK	0.00, 0.00, 0.16, 0.03
HSL	60°, 74%, 89%
HSV	60°, 16%, 97%
XYZ	83.6640, 91.6453, 72.9543
YIQ	243.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

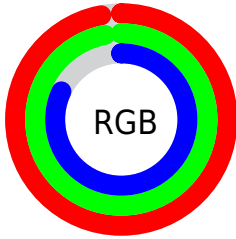
Format	Color
R _Y B	208, 248, 208
Decimal	16316624
CIE Lab	96.68, -6.48, 19.26
CIE LCh	97, 20.321, 108.606
Yxy	91.6453, 0.3370, 0.3691
Android (android.graphics.Color)	4294506704 (0xFFFF8F8D0)
YUV	243.4400, -17.4719, 3.9991
Hunter-Lab	95.7316, -11.5314, 21.8289

Details

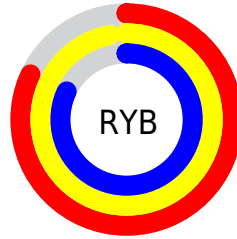
The RYB color **208, 248, 208** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **208, 208, 248**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 192, 155** is the 20% darker color. If you saturate the color by 10%, you get **183, 248, 183**, and if you desaturate by 10%, it is **233, 248, 233**.

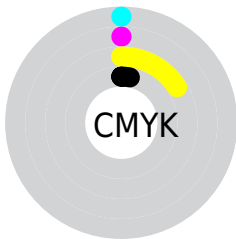
Distribution



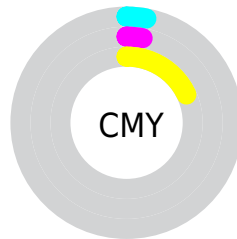
- Red (97%)
- Green (97%)
- Blue (82%)



- Red (82%)
- Yellow (97%)
- Blue (82%)



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



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

Brightness & Saturation Gradients

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

 208, 248, 208


255, 255, 255

 208, 248, 208

 180, 219, 180

 154, 192, 155


 127, 165, 128

 102, 138, 102

 78, 113, 79

 55, 88, 56

 33, 65, 35

 11, 43, 13

 0, 23, 5

 208, 248, 208

 208, 248, 208

 183, 248, 183

 233, 248, 233

 158, 248, 158

 248, 248, 255

 134, 248, 134

 109, 248, 109

 84, 248, 84

 59, 248, 59

 34, 248, 34

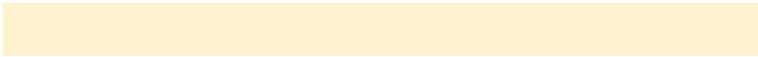
 10, 248, 10

 0, 248, 0

Harmonies

Analogous

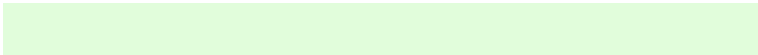
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 255, 207



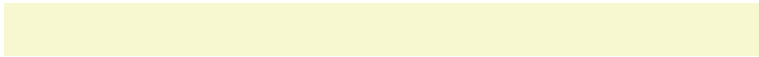
208, 248, 208



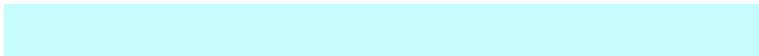
219, 253, 247

Triad

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



208, 248, 208



198, 226, 255



255, 233, 254

Complementary

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



208, 248, 208



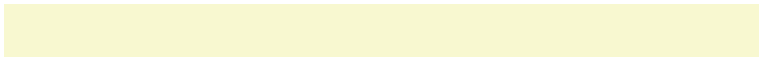
208, 208, 248

Split Complementary

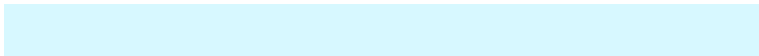
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 237, 255



208, 248, 208



215, 233, 255

Square

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



208, 248, 208



194, 225, 255



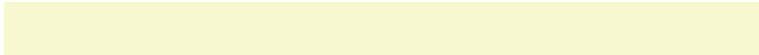
240, 243, 255



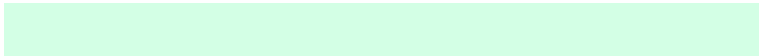
255, 232, 234

Rectangle

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



208, 248, 208



211, 242, 255



240, 243, 255



255, 234, 255

Sweetspot

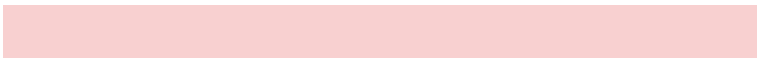
The Sweet Spot groups the original color and five complimentary colors.



208, 248, 208



242, 255, 242



248, 208, 208



120, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



208, 248, 208



207, 255, 207



208, 248, 228



112, 125, 112



0, 189, 0



0, 61, 0

Inverse Universe

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



208, 208, 248



207, 207, 255



228, 208, 248



112, 112, 125



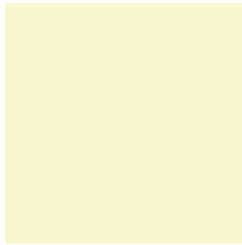
0, 0, 189



0, 0, 61

Previews

White Background



This preview shows how the RYB color 208, 248, 208 looks on a white background.

Color Contrast Check

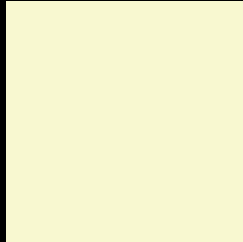
Large Text (above 18pt) WCAG AA × Fail

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 208, 248, 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 208, 248, 208 Background



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

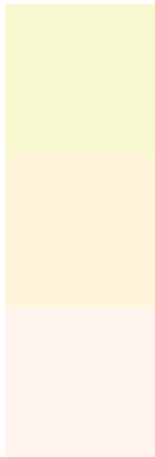


This preview shows how white text looks on a background with the RYB color 208, 248, 208.

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
208, 248, 208

Protanopia
232, 255, 218

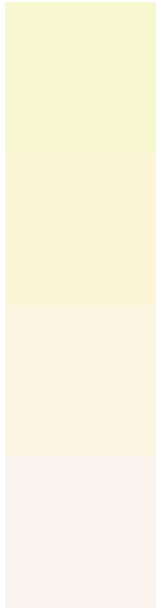
Deuteranopia
255, 246, 237



Tritanopia

252, 242, 255

Trichromacy



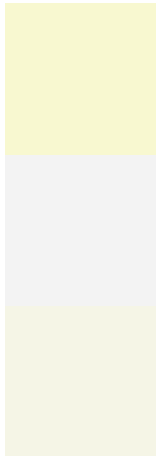
Original Color
208, 248, 208

Protanomaly
221, 252, 214

Deuteranomaly
236, 252, 226

Tritanomaly
251, 249, 238

Monochromacy



Original Color
208, 248, 208

Achromatopsia
243, 243, 243

Achromatomaly
230, 245, 230

CSS Examples

Text

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

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

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

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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