

Converting Colors

`RYB(213, 252, 217)`

Have a look what the booklet for
RYB(213, 252, 217) contains.

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Color

$\text{RYB}(213, 252, 217)$

Conversions

Conversions Part 1

Format	Color
Hex	F8FCD5
RGB	248, 252, 213
RGB Percent	97%, 99%, 84%
CMY	0.0275, 0.0118, 0.1647
CMYK	0.02, 0.00, 0.15, 0.01
HSL	66°, 87%, 91%
HSV	66°, 15%, 99%
XYZ	85.5320, 94.3814, 76.6602
YIQ	246.3580, 10.1350, -12.9770

Conversions

Conversions Part 2

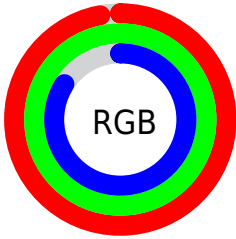
Format	Color
R_{YB}	213, 252, 217
Decimal	16317653
CIE _{Lab}	97.79, -7.73, 18.26
CIE _{LCh}	98, 19.827, 112.944
Yxy	94.3814, 0.3334, 0.3679
Android (android.graphics.Color)	4294507733 (0xFFFF8FCD5)
YUV	246.3580, -16.4455, 1.4400
Hunter-Lab	97.1501, -12.8592, 21.2199

Details

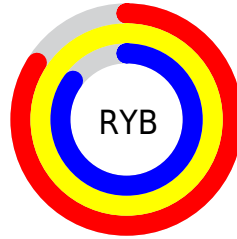
The RYB color **213, 252, 217** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **217, 213, 252**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 195, 162** is the 20% darker color. If you saturate the color by 10%, you get **188, 252, 195**, and if you desaturate by 10%, it is **238, 252, 239**.

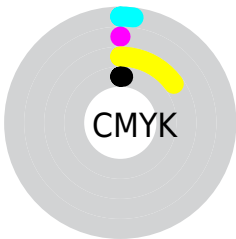
Distribution



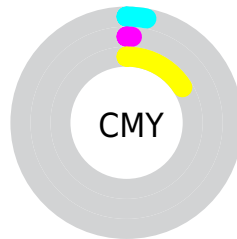
- Red (97%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)



- Cyan (3%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 252, 217 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 213, 252, 217 by changing the saturation by 10% instead.


 213, 252, 217

255, 255, 255


 213, 252, 217

 185, 223, 189

 158, 195, 162

 132, 168, 136

 107, 142, 111

 82, 116, 86

 59, 92, 64

 37, 68, 41

 16, 46, 21

 0, 26, 6

■ 213, 252, 217

■ 213, 252, 217

■ 188, 252, 195

■ 238, 252, 239

■ 163, 252, 172

■ 253, 252, 255

■ 137, 252, 149

■ 255, 252, 255

■ 112, 252, 126

■ 87, 252, 104

■ 62, 252, 82

■ 37, 252, 59

■ 11, 252, 36

■ 0, 252, 26

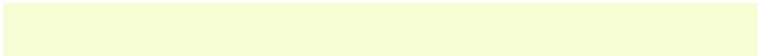
Harmonies

Analogous

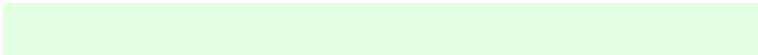
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222, 255, 211



213, 252, 217



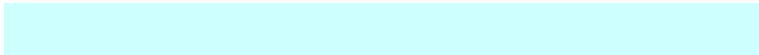
225, 255, 254

Triad

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



213, 252, 217



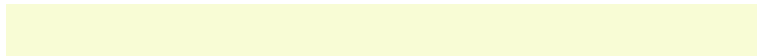
204, 230, 255



255, 236, 254

Complementary

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



213, 252, 217



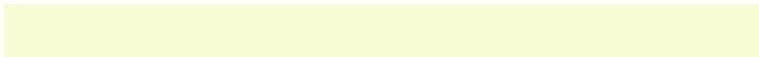
217, 213, 252

Split Complementary

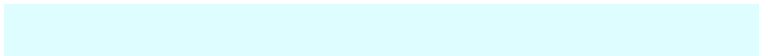
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 239, 255



213, 252, 217



222, 238, 255

Square

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



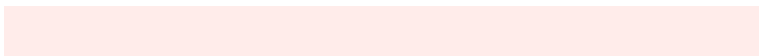
213, 252, 217



199, 227, 255



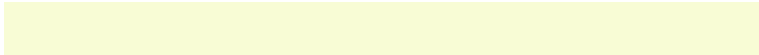
247, 245, 255



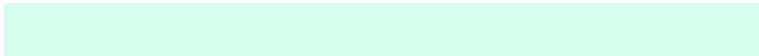
255, 236, 234

Rectangle

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



213, 252, 217



213, 240, 255



247, 245, 255



255, 237, 255

Sweetspot

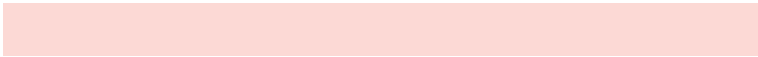
The Sweet Spot groups the original color and five complimentary colors.



213, 252, 217



242, 255, 243



252, 217, 213



120, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

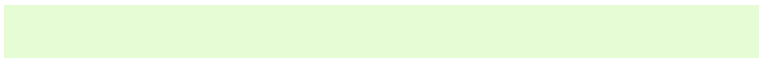
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213, 252, 217



207, 255, 212



213, 252, 236



112, 125, 113



0, 189, 20



0, 61, 6

Inverse Universe

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



217, 213, 252



212, 207, 255



236, 213, 252



114, 112, 125



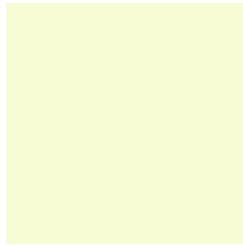
19, 0, 189



6, 0, 61

Previews

White Background



This preview shows how the RYB color 213, 252, 217 looks on a white background.

Color Contrast Check

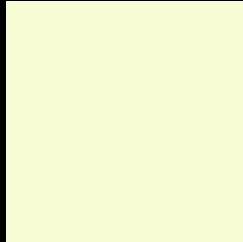
Large Text (above 18pt) WCAG AA × Fail

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 213, 252, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

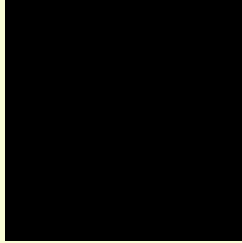
Any Text WCAG AA ✓ Pass

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 213, 252, 217 Background



This preview shows how black text looks on a background with the RYB color 213, 252, 217.



This preview shows how white text looks on a background with the RYB color 213, 252, 217.

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 213, 252, 217
	Protanopia 241, 255, 231
	Deuteranopia 255, 249, 243



Tritanopia

251, 247, 255

Trichromacy



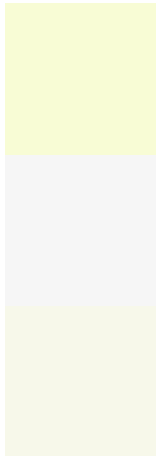
Original Color
213, 252, 217

Protanomaly
227, 252, 224

Deuteranomaly
236, 252, 232

Tritanomaly
241, 250, 240

Monochromacy



Original Color
213, 252, 217

Achromatopsia
246, 246, 246

Achromatomaly
234, 248, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 252, 217 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, 252, 213) looks like.

```
.text, #text, p{  
    color:rgb(248, 252, 213)  
}
```

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, 252, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 252, 213) }
```

Border

The CSS property to change the border of an element to RYB 213, 252, 217 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, 252, 213) }
```

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

```
.border{ border-color:rgb(248, 252, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 252, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 252, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 252, 213);  
box-shadow:4px 4px 4px 4px rgb(248, 252,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 213, 252, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 252, 213) }
```

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

```
.background{ background-color: rgb(248,  
252, 213) }
```

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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