

Converting Colors

`RYB(217, 245, 217)`

Have a look what the booklet for
RYB(217, 245, 217) contains.

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Color

R_YB(217, 245, 217)

Conversions

Conversions Part 1

Format	Color
Hex	F5F5D9
RGB	245, 245, 217
RGB Percent	96%, 96%, 85%
CMY	0.0392, 0.0392, 0.1490
CMYK	0.00, 0.00, 0.11, 0.04
HSL	60°, 58%, 91%
HSV	60°, 11%, 96%
XYZ	82.8330, 89.7270, 78.5989
YIQ	241.8080, 8.9880, -8.7080

Conversions

Conversions Part 2

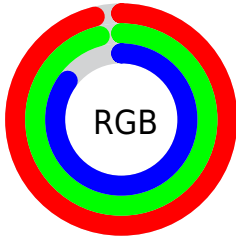
Format	Color
R _Y B	217, 245, 217
Decimal	16119257
CIE Lab	95.88, -4.66, 13.49
CIE LCh	96, 14.275, 109.066
Yxy	89.7270, 0.3298, 0.3573
Android (android.graphics.Color)	4294309337 (0xFFFF5F5D9)
YUV	241.8080, -12.2303, 2.7994
Hunter-Lab	94.7244, -9.6759, 17.1103

Details

The RYB color **217, 245, 217** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **217, 217, 245**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 189, 162** is the 20% darker color. If you saturate the color by 10%, you get **193, 245, 193**, and if you desaturate by 10%, it is **242, 245, 242**.

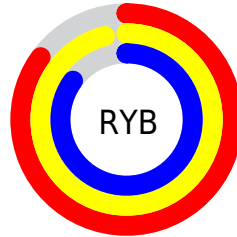
Distribution



Red (96%)

Green (96%)

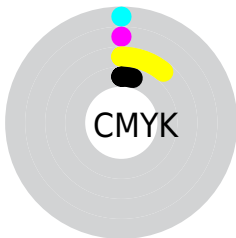
Blue (85%)



Red (85%)

Yellow (96%)

Blue (85%)

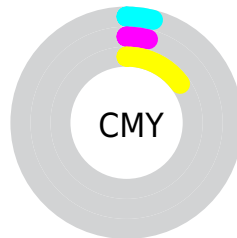


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 245, 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 217, 245, 217 by changing the saturation by 10% instead.

■ 217, 245, 217

255, 255, 255

■ 217, 245, 217

■ 189, 217, 190

■ 162, 189, 162

■ 136, 162, 136

■ 110, 136, 111

■ 86, 110, 86

■ 63, 86, 64

■ 41, 63, 42

■ 20, 41, 21

■ 0, 21, 2

 217, 245, 217

 217, 245, 217

 193, 245, 193

 242, 245, 242

 168, 245, 168

 245, 245, 255

 143, 245, 143

 119, 245, 119

 94, 245, 94

 70, 245, 70

 46, 245, 46

 21, 245, 21

 0, 245, 0

Harmonies

Analogous

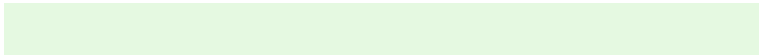
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 255, 216



217, 245, 217



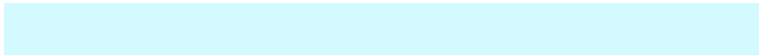
225, 249, 245

Triad

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



217, 245, 217



211, 232, 255



255, 234, 249

Complementary

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



217, 245, 217



217, 217, 245

Split Complementary

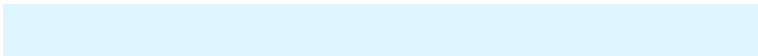
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 237, 255



217, 245, 217



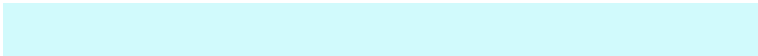
223, 236, 255

Square

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



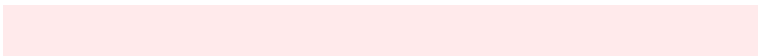
217, 245, 217



209, 230, 252



240, 241, 255



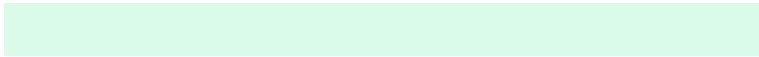
255, 234, 235

Rectangle

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



217, 245, 217



219, 241, 251



240, 241, 255



255, 235, 253

Sweetspot

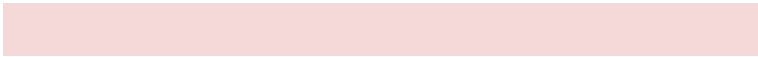
The Sweet Spot groups the original color and five complimentary colors.



217, 245, 217



247, 255, 247



245, 217, 217



122, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



217, 245, 217



219, 255, 219



217, 245, 231



110, 122, 110



0, 186, 0



0, 59, 0

Inverse Universe

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



217, 217, 245



219, 219, 255



231, 217, 245



110, 110, 122



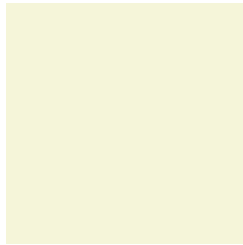
0, 0, 186



0, 0, 59

Previews

White Background



This preview shows how the RYB color 217, 245, 217 looks on a white background.

Color Contrast Check

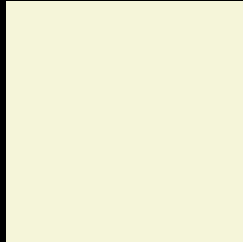
Large Text (above 18pt) WCAG AA × Fail

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 217, 245, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

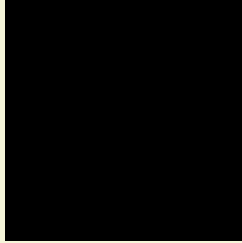
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

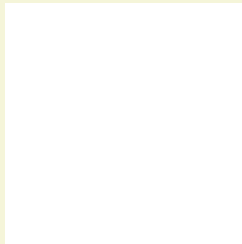
Any Text WCAG AAA ✓ Pass

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

RYB 217, 245, 217 Background



This preview shows how black text looks on a background with the RYB color 217, 245, 217.

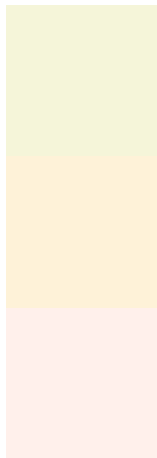


This preview shows how white text looks on a background with the RYB color 217, 245, 217.

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
217, 245, 217

Protanopia
234, 254, 216

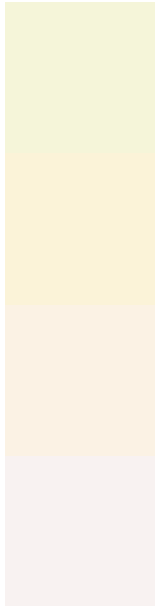
Deuteranopia
255, 242, 235



Tritanopia

249, 240, 255

Trichromacy



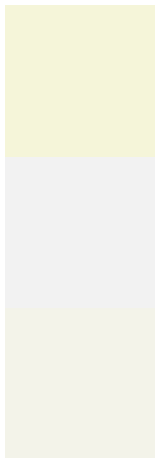
Original Color
217, 245, 217

Protanomaly
226, 251, 216

Deuteranomaly
243, 251, 228

Tritanomaly
248, 242, 241

Monochromacy



Original Color
217, 245, 217

Achromatopsia
242, 242, 242

Achromatomaly
233, 243, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 245, 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(245, 245, 217) looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 217)  
}
```

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(245, 245, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 217) }
```

Border

The CSS property to change the border of an element to RYB 217, 245, 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(245, 245, 217) }
```

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

```
.border{ border-color:rgb(245, 245, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 245, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 217);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 217, 245, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 217) }
```

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

```
.background{ background-color: rgb(245,  
245, 217) }
```

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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