

Converting Colors

`RYB(205, 255, 217)`

Have a look what the booklet for
RYB(205, 255, 217) contains.

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Color

R_YB(205, 255, 217)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFCD
RGB	243, 255, 205
RGB Percent	95%, 100%, 80%
CMY	0.0471, 0.0000, 0.1961
CMYK	0.05, 0.00, 0.20, 0.00
HSL	74°, 100%, 90%
HSV	74°, 20%, 100%
XYZ	83.7416, 94.9825, 71.6774
YIQ	245.7120, 8.8980, -18.0940

Conversions

Conversions Part 2

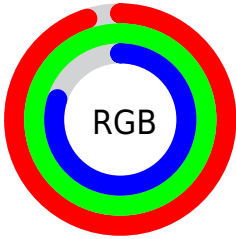
Format	Color
R_{YB}	205, 255, 217
Decimal	15990733
CIE _{Lab}	98.03, -12.16, 22.62
CIE _{LCh}	98, 25.677, 118.267
Yxy	94.9825, 0.3344, 0.3793
Android (android.graphics.Color)	4294180813 (0xFFFF3FFCD)
YUV	245.7120, -20.0710, -2.3784
Hunter-Lab	97.4589, -17.1770, 24.6157

Details

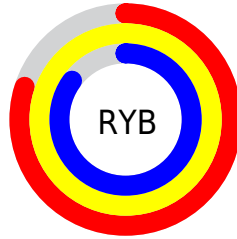
The RYB color **205, 255, 217** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **217, 205, 255**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 198, 162** is the 20% darker color. If you saturate the color by 10%, you get **179, 255, 197**, and if you desaturate by 10%, it is **231, 255, 237**.

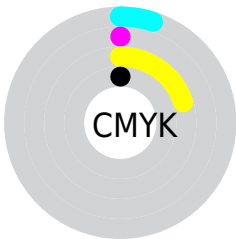
Distribution



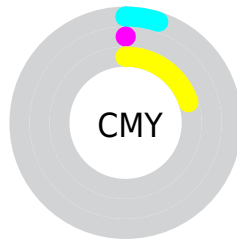
- Red (95%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 255, 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 205, 255, 217 by changing the saturation by 10% instead.

205, 255, 217

255, 255, 255

205, 255, 217

177, 226, 189

151, 198, 162

125, 171, 137

99, 145, 111

75, 119, 87

52, 94, 63

30, 71, 42

7, 48, 18

0, 28, 15

■ 205, 255, 217

■ 205, 255, 217

■ 179, 255, 197

■ 231, 255, 237

■ 154, 255, 178

255, 255, 255

■ 129, 255, 159

■ 103, 255, 139

■ 78, 255, 121

■ 52, 255, 101

■ 26, 255, 81

■ 1, 255, 62

■ 0, 255, 61

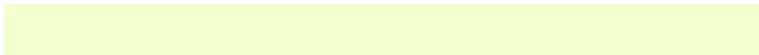
Harmonies

Analogous

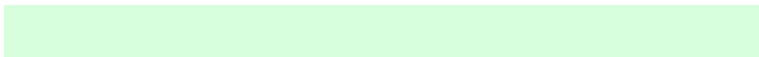
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209, 255, 200



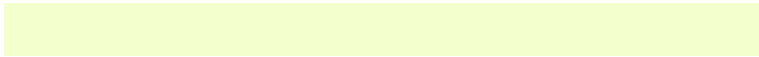
205, 255, 217



215, 249, 255

Triad

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



205, 255, 217



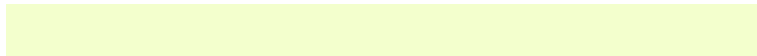
191, 223, 255



255, 232, 252

Complementary

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



205, 255, 217



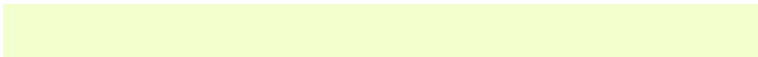
217, 205, 255

Split Complementary

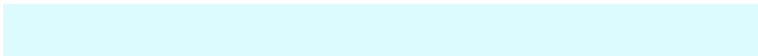
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 236, 255



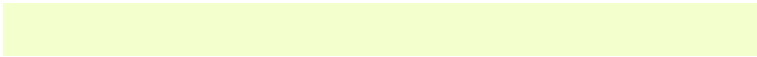
205, 255, 217



219, 236, 255

Square

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



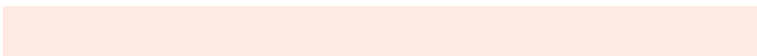
205, 255, 217



181, 218, 255



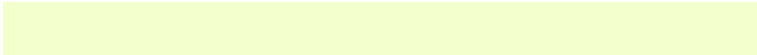
252, 243, 255



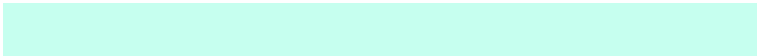
255, 235, 227

Rectangle

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



205, 255, 217



198, 231, 255



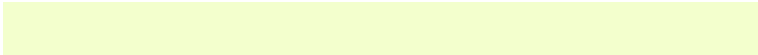
252, 243, 255



255, 233, 255

Sweetspot

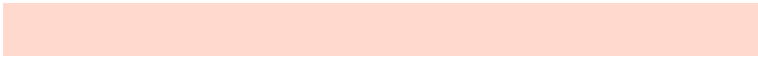
The Sweet Spot groups the original color and five complimentary colors.



205, 255, 217



240, 255, 244



255, 221, 205



119, 128, 122



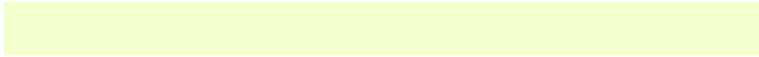
0, 0, 0



128, 128, 128

Same Dimension

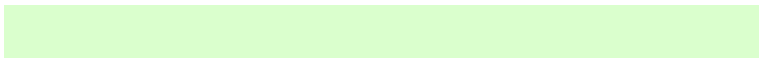
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 255, 217



194, 255, 209



205, 255, 242



115, 128, 119



0, 191, 46



0, 64, 16

Inverse Universe

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



217, 205, 255



208, 194, 255



242, 205, 255



118, 115, 128



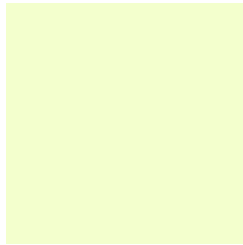
46, 0, 191



15, 0, 64

Previews

White Background



This preview shows how the RYB color 205, 255, 217 looks on a white background.

Color Contrast Check

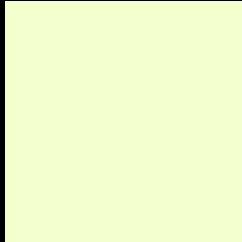
Large Text (above 18pt) WCAG AA × Fail

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 205, 255, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

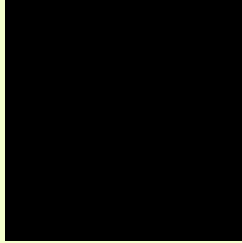
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

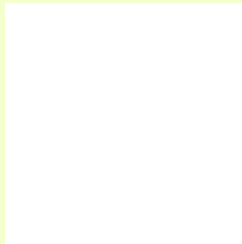
Any Text WCAG AAA ✓ Pass

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

RYB 205, 255, 217 Background



This preview shows how black text looks on a background with the RYB color 205, 255, 217.

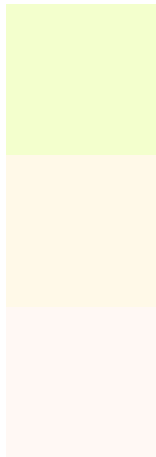


This preview shows how white text looks on a background with the RYB color 205, 255, 217.

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
205, 255, 217

Protanopia
240, 255, 232

Deuteranopia
255, 250, 244



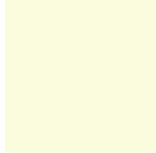
Tritanopia

250, 248, 255

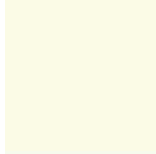
Trichromacy



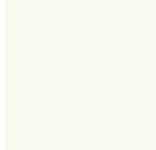
Original Color
205, 255, 217



Protanomaly
222, 251, 222

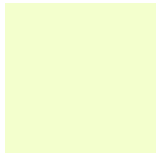


Deuteranomaly
230, 251, 230

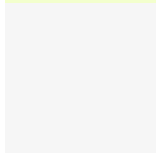


Tritanomaly
237, 251, 241

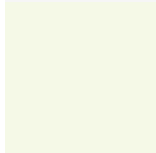
Monochromacy



Original Color
205, 255, 217



Achromatopsia
246, 246, 246



Achromatomaly
231, 249, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 255, 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(243, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 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(243, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 205) }
```

Border

The CSS property to change the border of an element to RYB 205, 255, 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(243, 255, 205) }
```

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

```
.border{ border-color:rgb(243, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 205, 255, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 205) }
```

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

```
.background{ background-color: rgb(243,  
255, 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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