

Converting Colors

`RYB(207, 255, 214)`

Have a look what the booklet for
RYB(207, 255, 214) contains.

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Color

R_YB(207, 255, 214)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFCF
RGB	248, 255, 207
RGB Percent	97%, 100%, 81%
CMY	0.0275, 0.0000, 0.1882
CMYK	0.03, 0.00, 0.19, 0.00
HSL	69°, 100%, 91%
HSV	69°, 19%, 100%
XYZ	85.7339, 95.9815, 73.0391
YIQ	247.4350, 11.2360, -16.4120

Conversions

Conversions Part 2

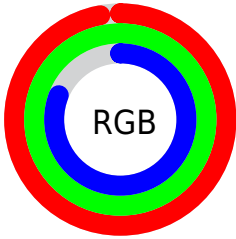
Format	Color
RYB	207, 255, 214
Decimal	16318415
CIELab	98.42, -10.11, 22.21
CIELCh	98, 24.399, 114.469
Yxy	95.9815, 0.3365, 0.3768
Android (android.graphics.Color)	4294508495 (0xFFFF8FFCF)
YUV	247.4350, -19.9345, 0.4955
Hunter-Lab	97.9701, -15.2420, 24.3770

Details

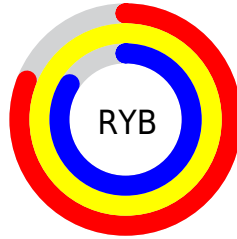
The RYB color **207, 255, 214** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **214, 207, 255**, and the grayscale version is **248, 248, 248**.

A 20% lighter version of the original color is **255, 255, 255**, and **152, 198, 159** is the 20% darker color. If you saturate the color by 10%, you get **181, 255, 192**, and if you desaturate by 10%, it is **233, 255, 236**.

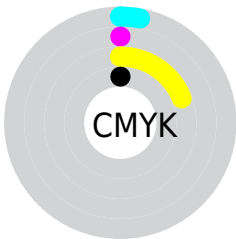
Distribution



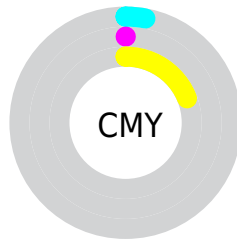
- Red (97%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 255, 214 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 207, 255, 214 by changing the saturation by 10% instead.

 207, 255, 214


255, 255, 255

 207, 255, 214

 179, 226, 186

 152, 198, 159

 126, 171, 133

 101, 145, 109

 77, 119, 84

 54, 94, 61

 32, 71, 40

 9, 48, 17

 0, 28, 9

207, 255, 214

207, 255, 214

181, 255, 192

233, 255, 236

156, 255, 170

255, 255, 255

131, 255, 149

105, 255, 127

80, 255, 106

54, 255, 83

28, 255, 61

3, 255, 40

0, 255, 37

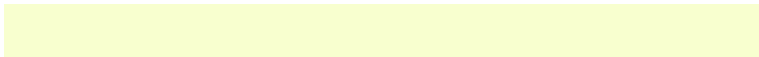
Harmonies

Analogous

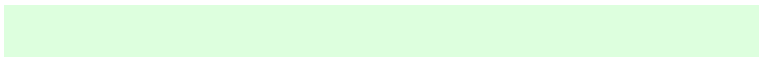
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 255, 204



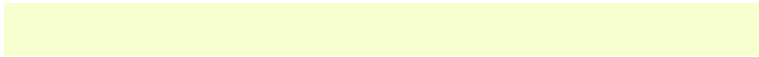
207, 255, 214



221, 254, 255

Triad

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



207, 255, 214



194, 225, 255



255, 234, 255

Complementary

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



207, 255, 214



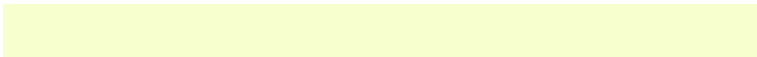
214, 207, 255

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, 238, 255



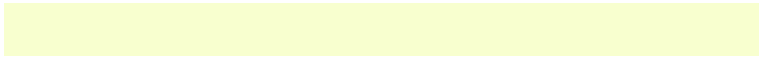
207, 255, 214



218, 236, 255

Square

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



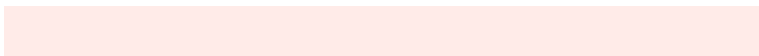
207, 255, 214



186, 221, 255



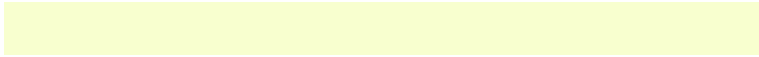
249, 246, 255



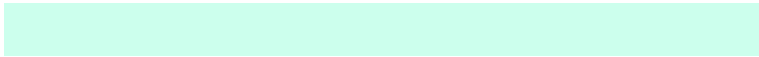
255, 235, 232

Rectangle

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



207, 255, 214



204, 235, 255



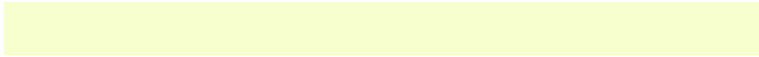
249, 246, 255



255, 235, 255

Sweetspot

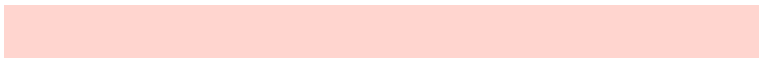
The Sweet Spot groups the original color and five complimentary colors.



207, 255, 214



240, 255, 242



255, 214, 207



119, 128, 121



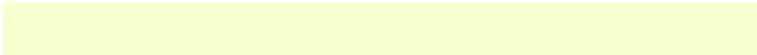
0, 0, 0



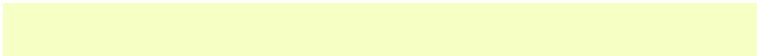
128, 128, 128

Same Dimension

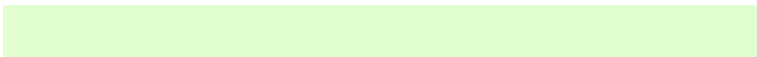
The Same Dimension uses a secret algorithm to generate beautiful new colors.



207, 255, 214



196, 255, 205



207, 255, 237



115, 128, 117



0, 191, 28



0, 64, 10

Inverse Universe

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



214, 207, 255



205, 196, 255



237, 207, 255



117, 115, 128



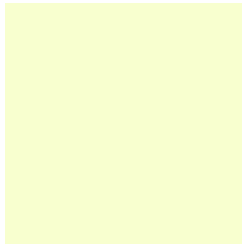
28, 0, 191



9, 0, 64

Previews

White Background



This preview shows how the RYB color 207, 255, 214 looks on a white background.

Color Contrast Check

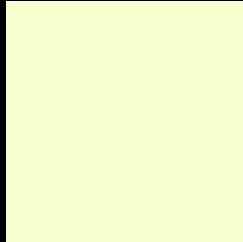
Large Text (above 18pt) WCAG AA × Fail

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 207, 255, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

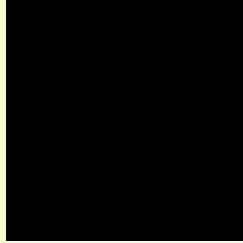
Any Text WCAG AA ✓ Pass

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 207, 255, 214 Background



This preview shows how black text looks on a background with the RYB color 207, 255, 214.

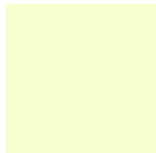


This preview shows how white text looks on a background with the RYB color 207, 255, 214.

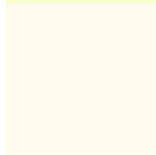
Color Blindness Simulation

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](#).

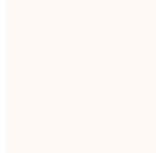
Dichromacy



Original Color
207, 255, 214



Protanopia
244, 255, 237



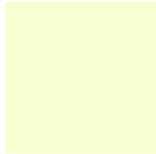
Deuteranopia
255, 251, 246



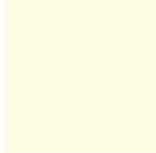
Tritanopia

252, 249, 255

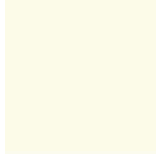
Trichromacy



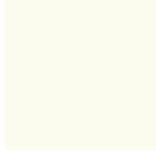
Original Color
207, 255, 214



Protanomaly
226, 252, 226

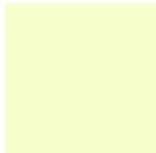


Deuteranomaly
233, 252, 232

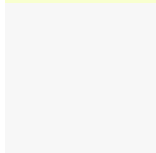


Tritanomaly
238, 251, 238

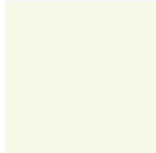
Monochromacy



Original Color
207, 255, 214



Achromatopsia
247, 247, 247



Achromatomaly
232, 250, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 255, 214 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, 255, 207) looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 207)  
}
```

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, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 207) }
```

Border

The CSS property to change the border of an element to RYB 207, 255, 214 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, 255, 207) }
```

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

```
.border{ border-color:rgb(248, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 207, 255, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 207) }
```

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

```
.background{ background-color: rgb(248,  
255, 207) }
```

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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