

Converting Colors

`RYB(200, 255, 206)`

Have a look what the booklet for
RYB(200, 255, 206) contains.

RYB(200, 255, 206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(200, 255, 206)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFC8
RGB	249, 255, 200
RGB Percent	98%, 100%, 78%
CMY	0.0235, 0.0000, 0.2157
CMYK	0.02, 0.00, 0.22, 0.00
HSL	67°, 100%, 89%
HSV	67°, 22%, 100%
XYZ	85.2522, 95.8299, 68.6473
YIQ	246.9360, 14.0790, -18.3770

Conversions

Conversions Part 2

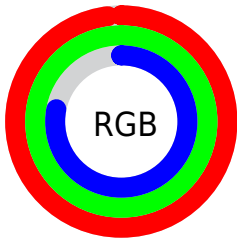
Format	Color
R_{YB}	200, 255, 206
Decimal	16383944
CIE _{Lab}	98.36, -10.75, 25.69
CIE _{LCh}	98, 27.845, 112.715
Yxy	95.8299, 0.3414, 0.3837
Android (android.graphics.Color)	4294574024 (0xFFF9FFC8)
YUV	246.9360, -23.1394, 1.8101
Hunter-Lab	97.8927, -15.8612, 26.9478

Details

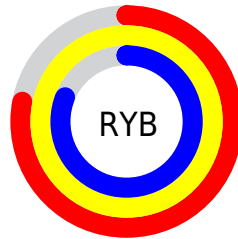
The RYB color **200, 255, 206** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **206, 200, 255**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **146, 198, 152** is the 20% darker color. If you saturate the color by 10%, you get **175, 255, 184**, and if you desaturate by 10%, it is **226, 255, 229**.

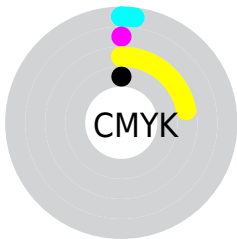
Distribution



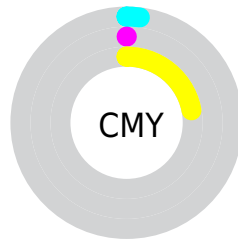
- Red (98%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 255, 206 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 200, 255, 206 by changing the saturation by 10% instead.


 200, 255, 206


255, 255, 255


 200, 255, 206

 173, 226, 179

 146, 198, 152


 120, 171, 126

 95, 145, 102

 71, 119, 78

 48, 94, 55

 25, 71, 33

 1, 48, 8

 0, 28, 11

■ 200, 255, 206

■ 200, 255, 206

■ 175, 255, 184

■ 226, 255, 229

■ 149, 255, 161

■ 251, 255, 251

■ 123, 255, 137

■ 255, 255, 255

■ 98, 255, 115

■ 73, 255, 93

■ 47, 255, 70

■ 22, 255, 47

■ 0, 255, 28

Harmonies

Analogous

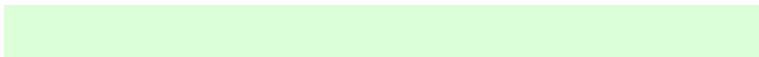
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208, 255, 197



200, 255, 206



217, 255, 254

Triad

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



200, 255, 206



182, 219, 255



255, 232, 255

Complementary

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



200, 255, 206



206, 200, 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, 237, 255



200, 255, 206



210, 233, 255

Square

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



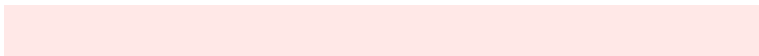
200, 255, 206



175, 215, 255



246, 246, 255



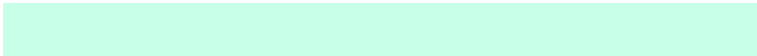
255, 232, 231

Rectangle

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



200, 255, 206



199, 234, 255



246, 246, 255



255, 233, 255

Sweetspot

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



200, 255, 206



240, 255, 242



255, 207, 200



119, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

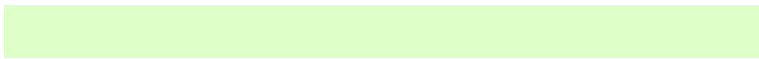
The Same Dimension uses a secret algorithm to generate beautiful new colors.



200, 255, 206



189, 255, 196



200, 255, 233



115, 128, 117



0, 191, 21



0, 64, 7

Inverse Universe

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



206, 200, 255



196, 189, 255



233, 200, 255



116, 115, 128



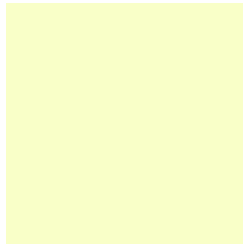
21, 0, 191



7, 0, 64

Previews

White Background



This preview shows how the RYB color 200, 255, 206 looks on a white background.

Color Contrast Check

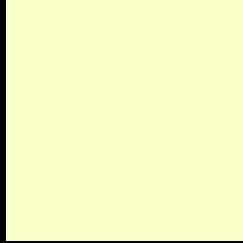
Large Text (above 18pt) WCAG AA × Fail

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 200, 255, 206 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 200, 255, 206 Background



This preview shows how black text looks on a background with the RYB color 200, 255, 206.

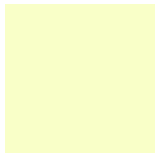


This preview shows how white text looks on a background with the RYB color 200, 255, 206.

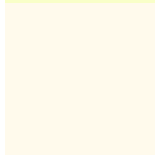
Color Blindness Simulation

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](#).

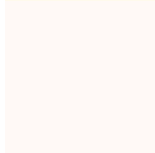
Dichromacy



Original Color
200, 255, 206



Protanopia
243, 255, 236

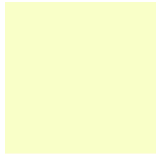


Deuteranopia
255, 251, 246

Tritanopia

253, 249, 255

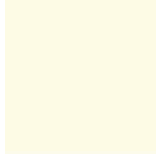
Trichromacy



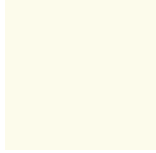
Original Color
200, 255, 206



Protanomaly
224, 253, 223



Deuteranomaly
231, 253, 229

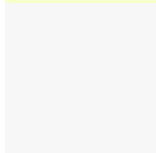


Tritanomaly
236, 252, 235

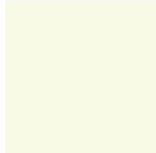
Monochromacy



Original Color
200, 255, 206



Achromatopsia
247, 247, 247



Achromatomaly
230, 250, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 255, 206 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(249, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 200)  
}
```

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(249, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 200) }
```

Border

The CSS property to change the border of an element to RYB 200, 255, 206 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(249, 255, 200) }
```

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

```
.border{ border-color:rgb(249, 255, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 200, 255, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 200) }
```

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

```
.background{ background-color: rgb(249,  
255, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor