

Converting Colors

`RYB(207, 246, 208)`

Have a look what the booklet for
RYB(207, 246, 208) contains.

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Color

R_YB(207, 246, 208)

Conversions

Conversions Part 1

Format	Color
Hex	F5F6CF
RGB	245, 246, 207
RGB Percent	96%, 96%, 81%
CMY	0.0392, 0.0353, 0.1882
CMYK	0.00, 0.00, 0.16, 0.04
HSL	62°, 68%, 89%
HSV	62°, 16%, 96%
XYZ	81.8744, 89.8290, 72.0550
YIQ	241.2550, 11.9230, -12.3410

Conversions

Conversions Part 2

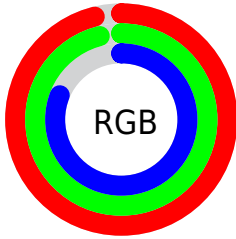
Format	Color
R_{YB}	207, 246, 208
Decimal	16119503
CIE _{Lab}	95.93, -6.69, 18.69
CIE _{LCh}	96, 19.852, 109.709
Yxy	89.8290, 0.3359, 0.3685
Android (android.graphics.Color)	4294309583 (0xFFFF5F6CF)
YUV	241.2550, -16.8877, 3.2844
Hunter-Lab	94.7782, -11.6640, 21.2696

Details

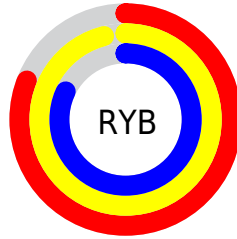
The RYB color **207, 246, 208** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **208, 207, 246**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **153, 190, 154** is the 20% darker color. If you saturate the color by 10%, you get **182, 246, 184**, and if you desaturate by 10%, it is **232, 246, 232**.

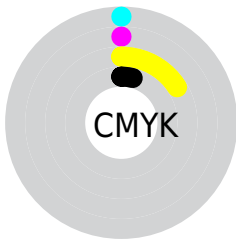
Distribution



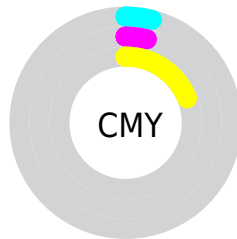
- Red (96%)
- Green (96%)
- Blue (81%)



- Red (81%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 246, 208 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, 246, 208 by changing the saturation by 10% instead.

■ 207, 246, 208

255, 255, 255

■ 207, 246, 208

■ 179, 218, 181

■ 153, 190, 154

■ 127, 163, 129

■ 101, 136, 102

■ 77, 111, 79

■ 54, 87, 56

■ 32, 64, 35

■ 10, 42, 13

■ 0, 22, 7

 207, 246, 208

 207, 246, 208

 182, 246, 184

 232, 246, 232

 158, 246, 160

 246, 246, 255

 133, 246, 136

 247, 246, 255

 109, 246, 113

 248, 246, 255

 84, 246, 88

 249, 246, 255

 59, 246, 64

 250, 246, 255

 35, 246, 40

 251, 246, 255

 10, 246, 16

 0, 246, 6

Harmonies

Analogous

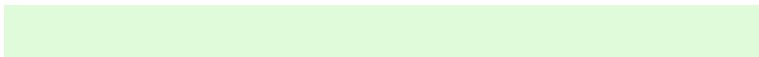
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 255, 206



207, 246, 208



218, 251, 246

Triad

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



207, 246, 208



197, 225, 255



255, 231, 251

Complementary

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



207, 246, 208



208, 207, 246

Split Complementary

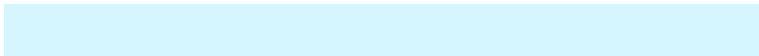
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 234, 255



207, 246, 208



214, 232, 255

Square

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



207, 246, 208



194, 224, 255



239, 241, 255



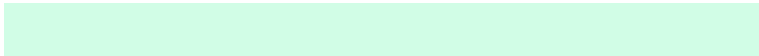
255, 230, 231

Rectangle

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



207, 246, 208



209, 239, 253



239, 241, 255



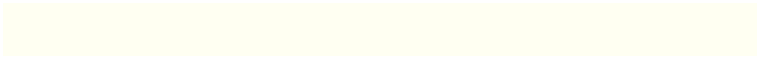
255, 232, 255

Sweetspot

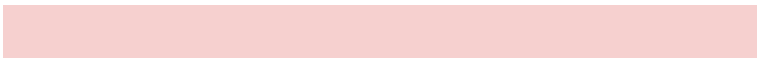
The Sweet Spot groups the original color and five complimentary colors.



207, 246, 208



242, 255, 242



246, 208, 207



120, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



207, 246, 208



207, 255, 208



207, 246, 227



110, 122, 110



0, 186, 5



0, 59, 2

Inverse Universe

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



208, 207, 246



208, 207, 255



227, 207, 246



110, 110, 122



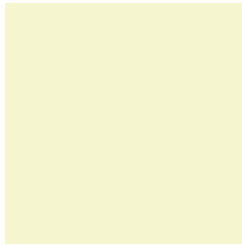
5, 0, 186



2, 0, 59

Previews

White Background



This preview shows how the RYB color 207, 246, 208 looks on a white background.

Color Contrast Check

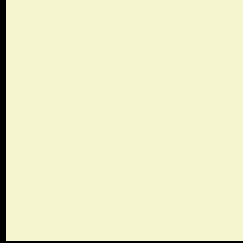
Large Text (above 18pt) WCAG AA × Fail

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, 246, 208 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, 246, 208 Background



This preview shows how black text looks on a background with the RYB color 207, 246, 208.

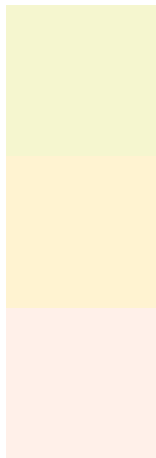


This preview shows how white text looks on a background with the RYB color 207, 246, 208.

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, 246, 208

Protanopia
225, 255, 209

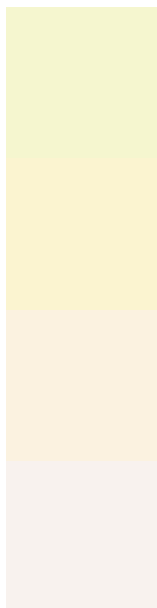
Deuteranopia
255, 243, 233



Tritanopia

250, 240, 255

Trichromacy



Original Color

207, 246, 208

Protanomaly

216, 251, 208

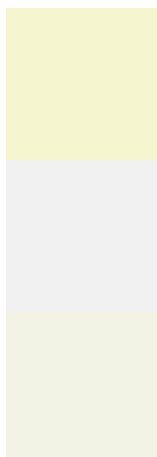
Deuteranomaly

238, 251, 224

Tritanomaly

248, 245, 238

Monochromacy



Original Color

207, 246, 208

Achromatopsia

241, 241, 241

Achromatomaly

229, 243, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 246, 208 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, 246, 207) looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 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(245, 246, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 207) }
```

Border

The CSS property to change the border of an element to RYB 207, 246, 208 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, 246, 207) }
```

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

```
.border{ border-color:rgb(245, 246, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 246, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 207);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 207, 246, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 207) }
```

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

```
.background{ background-color: rgb(245,  
246, 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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