

Converting Colors

`RYB(207, 246, 217)`

Have a look what the booklet for
RYB(207, 246, 217) contains.

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Color

R_YB(207, 246, 217)

Conversions

Conversions Part 1

Format	Color
Hex	ECF6CF
RGB	236, 246, 207
RGB Percent	93%, 96%, 81%
CMY	0.0745, 0.0353, 0.1882
CMYK	0.04, 0.00, 0.16, 0.04
HSL	75°, 68%, 89%
HSV	75°, 16%, 96%
XYZ	78.8103, 88.2494, 71.9116
YIQ	238.5640, 6.5590, -14.2490

Conversions

Conversions Part 2

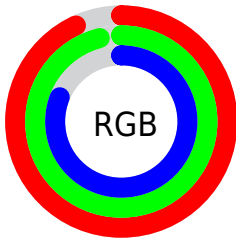
Format	Color
RYB	207, 246, 217
Decimal	15529679
CIELab	95.27, -9.86, 17.67
CIELCh	95, 20.232, 119.168
Yxy	88.2494, 0.3298, 0.3693
Android (android.graphics.Color)	4293719759 (0xFFE6CF6CF)
YUV	238.5640, -15.5611, -2.2486
Hunter-Lab	93.9411, -14.6475, 20.3725

Details

The RYB color **207, 246, 217** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **217, 207, 246**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **153, 190, 163** is the 20% darker color. If you saturate the color by 10%, you get **182, 246, 198**, and if you desaturate by 10%, it is **232, 246, 236**.

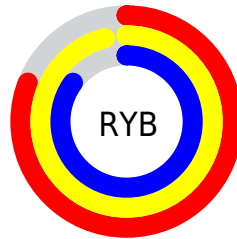
Distribution



Red (93%)

Green (96%)

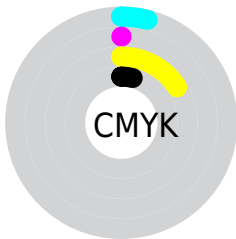
Blue (81%)



Red (81%)

Yellow (96%)

Blue (85%)

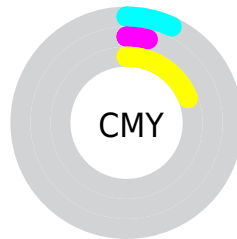


Cyan (4%)

Magenta (0%)

Yellow (16%)

Black (4%)



Cyan (7%)

Magenta (4%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 246, 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 207, 246, 217 by changing the saturation by 10% instead.

■ 207, 246, 217

255, 255, 255

■ 207, 246, 217

■ 179, 218, 189

■ 153, 190, 163

■ 127, 163, 137

■ 101, 136, 110

■ 77, 111, 86

■ 54, 87, 64

■ 33, 63, 42

■ 11, 41, 19

■ 0, 22, 18

 207, 246, 217

 207, 246, 217

 182, 246, 198

 232, 246, 236

 158, 246, 181

 249, 246, 255

 133, 246, 162

 255, 246, 255

 109, 246, 144

 84, 246, 126

 59, 246, 107

 35, 246, 89

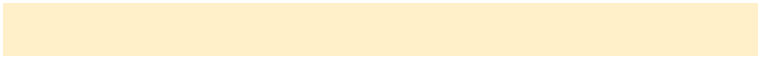
 10, 246, 70

 0, 246, 63

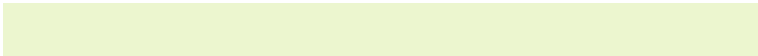
Harmonies

Analogous

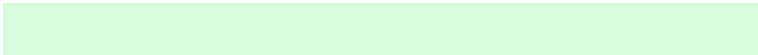
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 255, 202



207, 246, 217



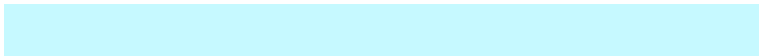
214, 245, 251

Triad

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



207, 246, 217



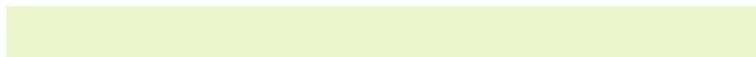
198, 225, 255



255, 228, 243

Complementary

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



207, 246, 217



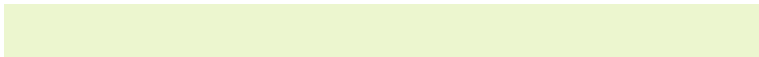
217, 207, 246

Split Complementary

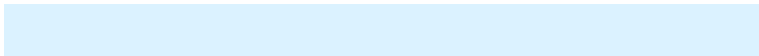
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 231, 255



207, 246, 217



219, 233, 255

Square

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



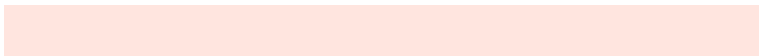
207, 246, 217



190, 222, 255



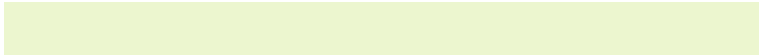
244, 237, 255



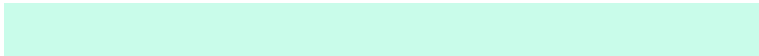
255, 230, 223

Rectangle

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



207, 246, 217



201, 232, 252



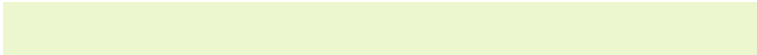
244, 237, 255



255, 229, 249

Sweetspot

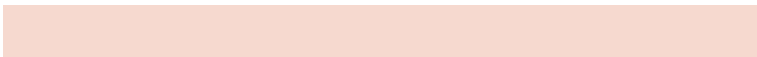
The Sweet Spot groups the original color and five complimentary colors.



207, 246, 217



242, 255, 245



246, 220, 207



120, 128, 122



0, 0, 0



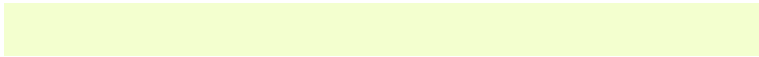
128, 128, 128

Same Dimension

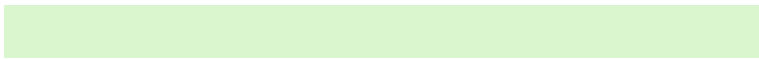
The Same Dimension uses a secret algorithm to generate beautiful new colors.



207, 246, 217



207, 255, 219



207, 246, 236



110, 122, 113



0, 186, 48



0, 59, 15

Inverse Universe

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



217, 207, 246



219, 207, 255



236, 207, 246



113, 110, 122



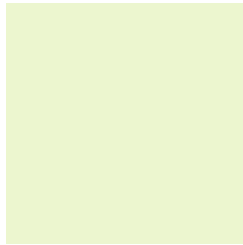
48, 0, 186



15, 0, 59

Previews

White Background



This preview shows how the RYB color 207, 246, 217 looks on a white background.

Color Contrast Check

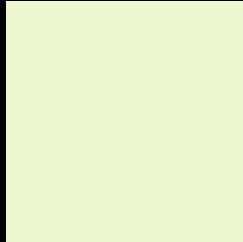
Large Text (above 18pt) WCAG AA × Fail

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 207, 246, 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

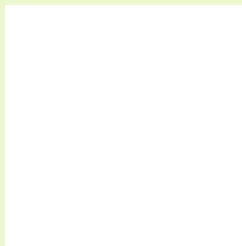
Any Text WCAG AAA ✓ Pass

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

RYB 207, 246, 217 Background



This preview shows how black text looks on a background with the RYB color 207, 246, 217.

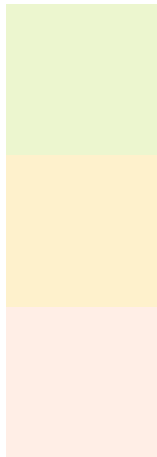


This preview shows how white text looks on a background with the RYB color 207, 246, 217.

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
207, 246, 217

Protanopia
222, 254, 204

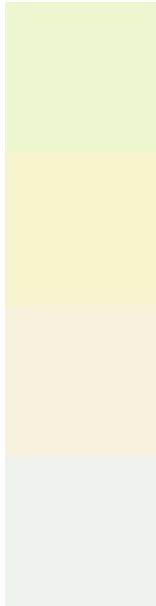
Deuteranopia
255, 242, 230



Tritanopia

243, 239, 255

Trichromacy



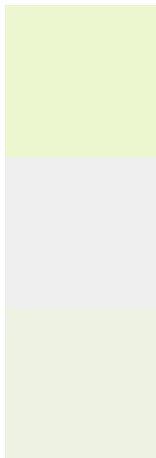
Original Color
207, 246, 217

Protanomaly
209, 247, 205

Deuteranomaly
232, 248, 222

Tritanomaly
238, 242, 240

Monochromacy



Original Color
207, 246, 217

Achromatopsia
239, 239, 239

Achromatomaly
227, 242, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 246, 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(236, 246, 207) looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 246, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 246, 207) }
```

Border

The CSS property to change the border of an element to RYB 207, 246, 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(236, 246, 207) }
```

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

```
.border{ border-color:rgb(236, 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(236, 246, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 246, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 246, 207); box-shadow:4px 4px 4px 4px rgb(236, 246, 207) }
```

Background

The CSS property to change the background color of an element to RGB 207, 246, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 246, 207) }
```

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

```
.background{ background-color: rgb(236,  
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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