

Converting Colors

`RYB(235, 250, 207)`

Have a look what the booklet for
RYB(235, 250, 207) contains.

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Color

R_YB(235, 250, 207)

Conversions

Conversions Part 1

Format	Color
Hex	FAE9CF
RGB	250, 233, 207
RGB Percent	98%, 91%, 81%
CMY	0.0196, 0.0861, 0.1882
CMYK	0.00, 0.07, 0.17, 0.02
HSL	36°, 81%, 90%
HSV	36°, 17%, 98%
XYZ	79.8377, 83.1307, 70.8694
YIQ	235.1190, 18.4780, -4.4820

Conversions

Conversions Part 2

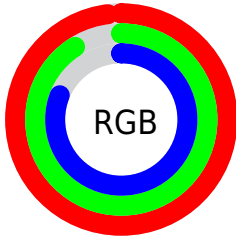
Format	Color
R _Y B	235, 250, 207
Decimal	16443855
CIE Lab	93.07, 1.63, 14.73
CIE LCh	93, 14.819, 83.687
Yxy	83.1307, 0.3414, 0.3555
Android (android.graphics.Color)	4294633935 (0xFFFAE9CF)
YUV	235.1190, -13.8627, 13.0506
Hunter-Lab	91.1761, -3.2558, 17.7383

Details

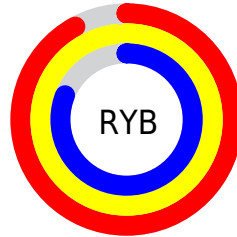
The RYB color **235, 250, 207** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **207, 219, 250**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **180, 193, 153** is the 20% darker color. If you saturate the color by 10%, you get **227, 250, 182**, and if you desaturate by 10%, it is **243, 250, 232**.

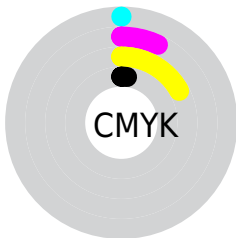
Distribution



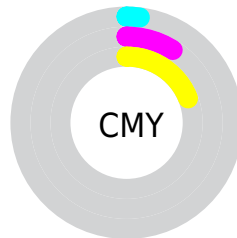
- Red (98%)
- Green (91%)
- Blue (81%)



- Red (92%)
- Yellow (98%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 250, 207 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 235, 250, 207 by changing the saturation by 10% instead.

235, 250, 207

255, 255, 255

235, 250, 207

205, 221, 179

180, 193, 153

151, 166, 127

125, 139, 102

101, 114, 78

76, 89, 55

50, 65, 33

26, 42, 11

19, 17, 0

235, 250, 207

235, 250, 207

227, 250, 182

243, 250, 232

218, 250, 157

250, 252, 255

210, 250, 132

250, 253, 255

199, 250, 107

191, 250, 82

182, 250, 57

174, 250, 32

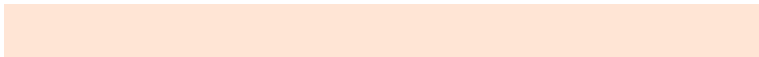
166, 250, 7

164, 250, 0

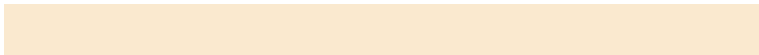
Harmonies

Analogous

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



255, 239, 213



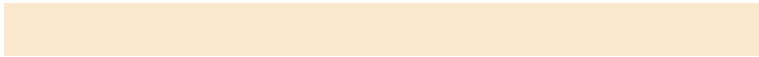
235, 250, 207



209, 238, 213

Triad

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



235, 250, 207



199, 222, 246



251, 228, 252

Complementary

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



235, 250, 207



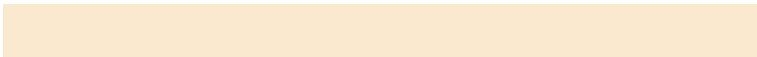
207, 219, 250

Split Complementary

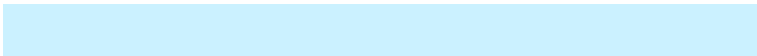
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 232, 255



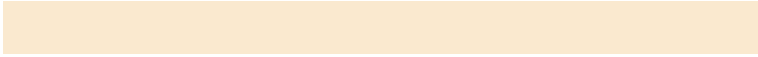
235, 250, 207



203, 225, 255

Square

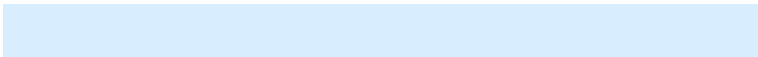
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 250, 207



205, 228, 243



216, 230, 255



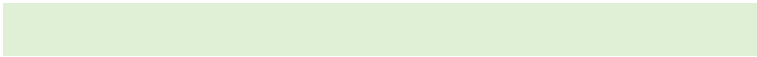
255, 226, 239

Rectangle

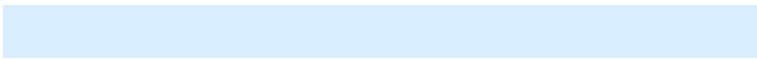
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235, 250, 207



214, 240, 231



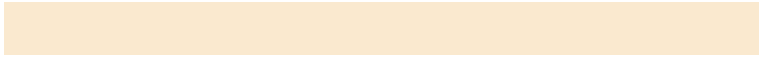
216, 230, 255



246, 229, 255

Sweetspot

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



235, 250, 207



250, 255, 242



250, 207, 224



128, 128, 120



0, 0, 0



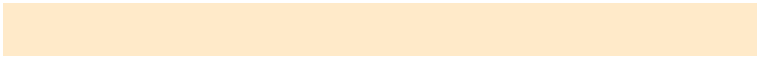
128, 128, 128

Same Dimension

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



235, 250, 207



235, 255, 201



207, 250, 211



120, 125, 112



124, 189, 0



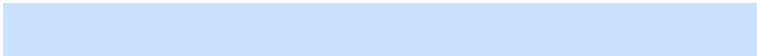
40, 61, 0

Inverse Universe

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



207, 219, 250



201, 217, 255



211, 207, 250



112, 116, 125



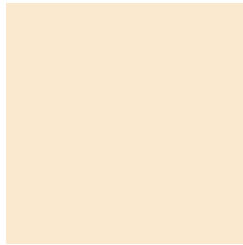
0, 53, 189



0, 17, 61

Previews

White Background



This preview shows how the RYB color 235, 250, 207 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 235, 250, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

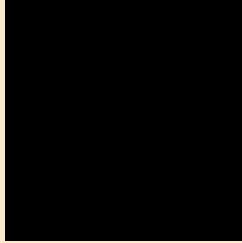
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

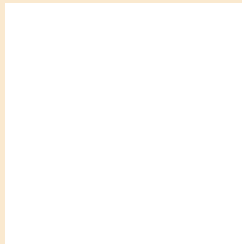
Any Text WCAG AAA ✓ Pass

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

RYB 235, 250, 207 Background



This preview shows how black text looks on a background with the RYB color 235, 250, 207.



This preview shows how white text looks on a background with the RYB color 235, 250, 207.

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

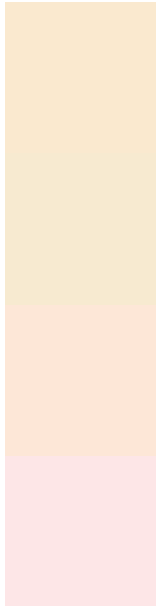




Tritanopia

255, 228, 245

Trichromacy



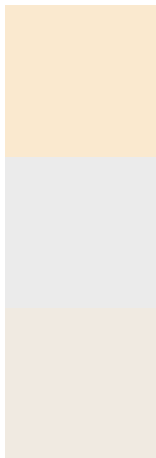
Original Color
235, 250, 207

Protanomaly
228, 247, 208

Deuteranomaly
253, 243, 215

Tritanomaly
253, 230, 231

Monochromacy



Original Color
235, 250, 207

Achromatopsia
235, 235, 235

Achromatomaly
235, 240, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 250, 207 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(250, 233, 207) looks like.

```
.text, #text, p{  
    color:rgb(250, 233, 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(250, 233, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 233, 207) }
```

Border

The CSS property to change the border of an element to RYB 235, 250, 207 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(250, 233, 207) }
```

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

```
.border{ border-color:rgb(250, 233, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 233, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 233, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 233, 207);  
box-shadow:4px 4px 4px 4px rgb(250, 233,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 235, 250, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 233, 207) }
```

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

```
.background{ background-color: rgb(250,  
233, 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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