

Converting Colors

`RYB(208, 244, 195)`

Have a look what the booklet for
RYB(208, 244, 195) contains.

RYB(208, 244, 195)	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

$\text{RYB}(208, 244, 195)$

Conversions

Conversions Part 1

Format	Color
Hex	F4EAC3
RGB	244, 234, 195
RGB Percent	96%, 92%, 76%
CMY	0.0431, 0.0834, 0.2353
CMYK	0.00, 0.04, 0.20, 0.04
HSL	47°, 69%, 86%
HSV	47°, 20%, 96%
XYZ	76.5034, 81.8629, 63.3987
YIQ	232.5440, 18.4790, -10.0090

Conversions

Conversions Part 2

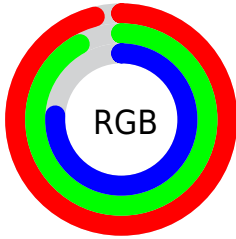
Format	Color
RYB	208, 244, 195
Decimal	16050883
CIELab	92.51, -2.63, 20.09
CIELCh	93, 20.257, 97.458
Yxy	81.8629, 0.3450, 0.3691
Android (android.graphics.Color)	4294240963 (0xFFFF4EAC3)
YUV	232.5440, -18.5092, 10.0469
Hunter-Lab	90.4781, -7.4067, 21.7897

Details

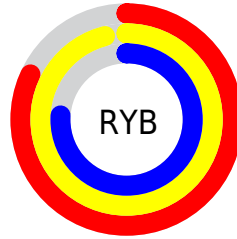
The RYB color **208, 244, 195** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **195, 203, 244**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **252, 255, 252**, and **152, 187, 141** is the 20% darker color. If you saturate the color by 10%, you get **190, 244, 171**, and if you desaturate by 10%, it is **225, 244, 219**.

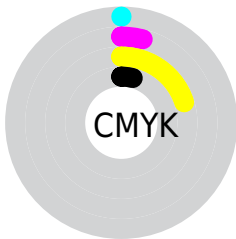
Distribution



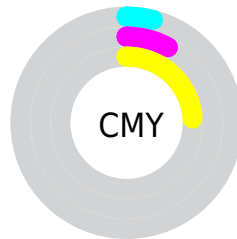
- Red (96%)
- Green (92%)
- Blue (76%)



- Red (82%)
- Yellow (96%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 244, 195 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 208, 244, 195 by changing the saturation by 10% instead.

■ 208, 244, 195

255, 255, 255

252, 255, 252

■ 208, 244, 195

■ 179, 215, 168

■ 152, 187, 141

■ 127, 160, 116

■ 101, 134, 91

■ 75, 108, 67

■ 52, 83, 45

■ 29, 59, 23

■ 6, 38, 0

■ 0, 11, 4

208, 244, 195

208, 244, 195

190, 244, 171

225, 244, 219

173, 244, 146

244, 244, 244

155, 244, 122

244, 247, 255

136, 244, 97

244, 249, 255

119, 244, 73

244, 250, 255

101, 244, 49

82, 244, 24

64, 244, 0

Harmonies

Analogous

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



253, 255, 198



208, 244, 195



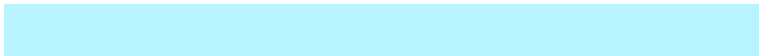
202, 240, 220

Triad

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



208, 244, 195



183, 216, 255



255, 222, 249

Complementary

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



208, 244, 195



195, 203, 244

Split Complementary

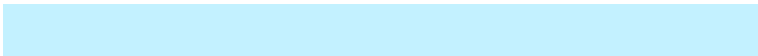
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 227, 255



208, 244, 195



195, 221, 255

Square

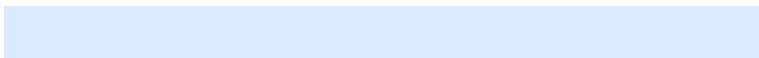
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208, 244, 195



186, 217, 245



218, 229, 255



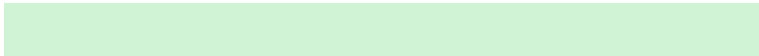
255, 220, 229

Rectangle

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



208, 244, 195



207, 239, 243



218, 229, 255



255, 223, 255

Sweetspot

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



208, 244, 195



244, 255, 240



244, 195, 206



122, 128, 119



0, 0, 0



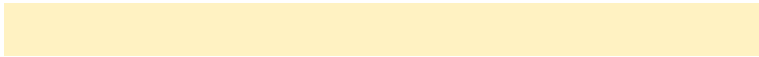
128, 128, 128

Same Dimension

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



208, 244, 195



211, 255, 194



195, 244, 209



112, 122, 110



49, 186, 0



17, 59, 0

Inverse Universe

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



195, 203, 244



194, 205, 255



209, 195, 244



110, 112, 122



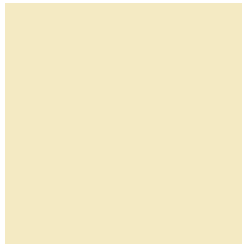
0, 32, 186



0, 10, 59

Previews

White Background



This preview shows how the RYB color 208, 244, 195 looks on a white background.

Color Contrast Check

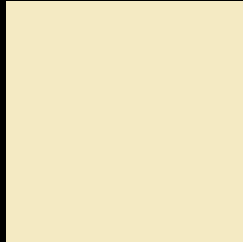
Large Text (above 18pt) WCAG AA × Fail

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 208, 244, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

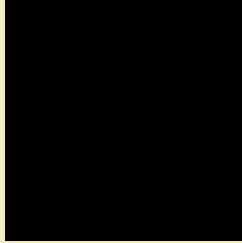
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

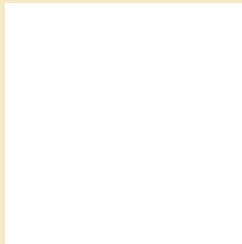
Any Text WCAG AAA ✓ Pass

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

RYB 208, 244, 195 Background



This preview shows how black text looks on a background with the RYB color 208, 244, 195.

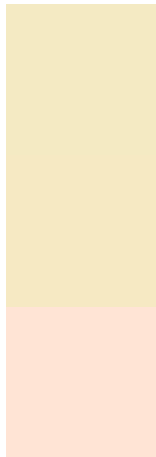


This preview shows how white text looks on a background with the RYB color 208, 244, 195.

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
208, 244, 195

Protanopia
212, 246, 195

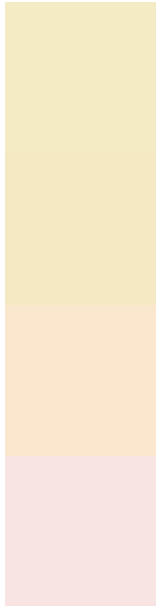
Deuteranopia
255, 236, 213



Tritanopia

250, 227, 245

Trichromacy



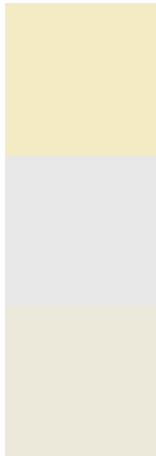
Original Color
208, 244, 195

Protanomaly
211, 245, 195

Deuteranomaly
245, 251, 206

Tritanomaly
248, 229, 227

Monochromacy



Original Color
208, 244, 195

Achromatopsia
232, 232, 232

Achromatomaly
223, 236, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 244, 195 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(244, 234, 195) looks like.

```
.text, #text, p{  
    color:rgb(244, 234, 195)  
}
```

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(244, 234, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 234, 195) }
```

Border

The CSS property to change the border of an element to RYB 208, 244, 195 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(244, 234, 195) }
```

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

```
.border{ border-color:rgb(244, 234, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 234, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 234, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 234, 195);  
box-shadow:4px 4px 4px 4px rgb(244, 234,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 208, 244, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 234, 195) }
```

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

```
.background{ background-color: rgb(244,  
234, 195) }
```

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