

Converting Colors

`RYB(212, 248, 195)`

Have a look what the booklet for
RYB(212, 248, 195) contains.

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Color

$\text{RYB}(212, 248, 195)$

Conversions

Conversions Part 1

Format	Color
Hex	F8EBC3
RGB	248, 235, 195
RGB Percent	97%, 92%, 76%
CMY	0.0275, 0.0779, 0.2353
CMYK	0.00, 0.05, 0.21, 0.03
HSL	45°, 79%, 87%
HSV	45°, 21%, 97%
XYZ	78.3069, 83.3869, 63.5978
YIQ	234.3270, 20.5880, -9.6840

Conversions

Conversions Part 2

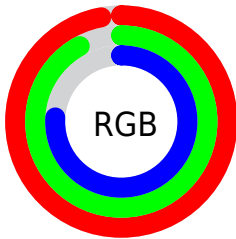
Format	Color
R _Y B	212, 248, 195
Decimal	16313283
CIE Lab	93.18, -1.89, 21.07
CIE LCh	93, 21.149, 95.121
Yxy	83.3869, 0.3476, 0.3701
Android (android.graphics.Color)	4294503363 (0xFFF8EBC3)
YUV	234.3270, -19.3882, 11.9912
Hunter-Lab	91.3164, -6.7340, 22.6287

Details

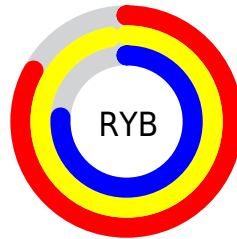
The RYB color **212, 248, 195** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **195, 205, 248**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **252, 255, 252**, and **157, 191, 141** is the 20% darker color. If you saturate the color by 10%, you get **195, 248, 170**, and if you desaturate by 10%, it is **229, 248, 220**.

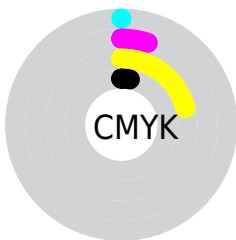
Distribution



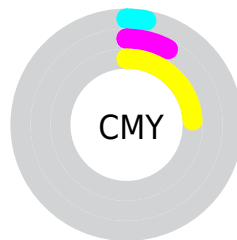
- Red (97%)
- Green (92%)
- Blue (76%)



- Red (83%)
- Yellow (97%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 248, 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 212, 248, 195 by changing the saturation by 10% instead.

■ 212, 248, 195

255, 255, 255

252, 255, 252

■ 212, 248, 195

■ 184, 219, 168

■ 157, 191, 141

■ 130, 164, 116

■ 104, 137, 91

■ 78, 111, 67

■ 54, 86, 44

■ 32, 62, 23

■ 8, 41, 0

■ 1, 13, 0

212, 248, 195

212, 248, 195

195, 248, 170

229, 248, 220

178, 248, 145

247, 248, 245

162, 248, 121

248, 251, 255

145, 248, 96

248, 252, 255

128, 248, 71

111, 248, 46

94, 248, 21

79, 248, 0

Harmonies

Analogous

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



251, 255, 199



212, 248, 195



202, 241, 218

Triad

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



212, 248, 195



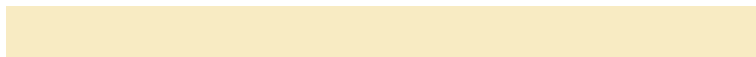
182, 216, 255



255, 224, 253

Complementary

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



212, 248, 195



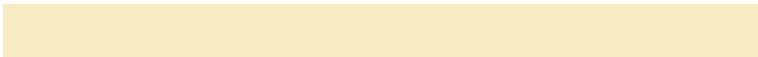
195, 205, 248

Split Complementary

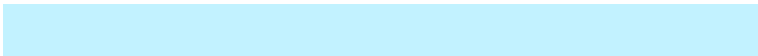
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244, 229, 255



212, 248, 195



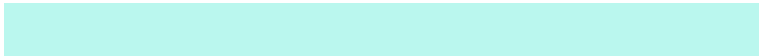
194, 221, 255

Square

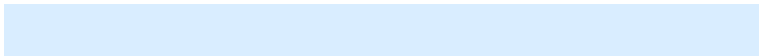
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212, 248, 195



186, 219, 247



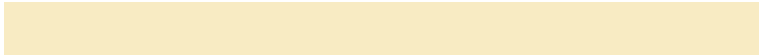
217, 230, 255



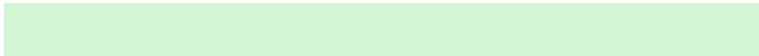
255, 221, 233

Rectangle

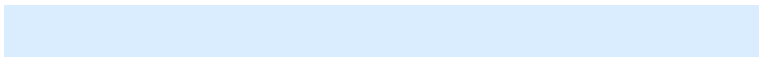
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212, 248, 195



210, 243, 245



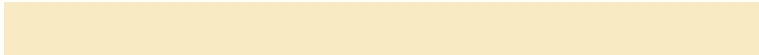
217, 230, 255



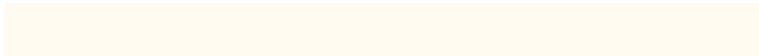
255, 225, 255

Sweetspot

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



212, 248, 195



245, 255, 240



248, 195, 208



124, 128, 119



0, 0, 0



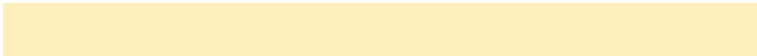
128, 128, 128

Same Dimension

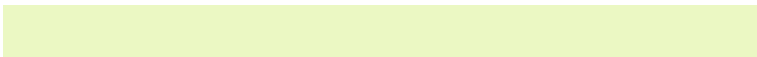
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212, 248, 195



210, 255, 189



195, 248, 208



116, 125, 112



61, 189, 0



20, 61, 0

Inverse Universe

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



195, 205, 248



189, 202, 255



208, 195, 248



112, 114, 125



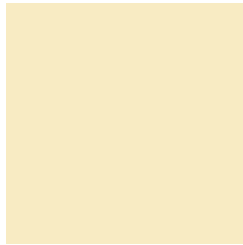
0, 37, 189



0, 12, 61

Previews

White Background



This preview shows how the RYB color 212, 248, 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 212, 248, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

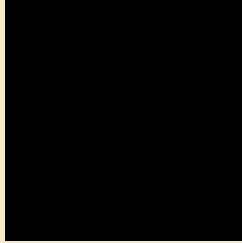
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

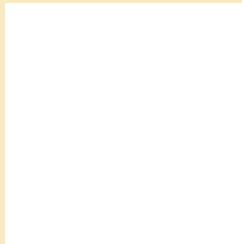
Any Text WCAG AAA ✓ Pass

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

RYB 212, 248, 195 Background



This preview shows how black text looks on a background with the RYB color 212, 248, 195.

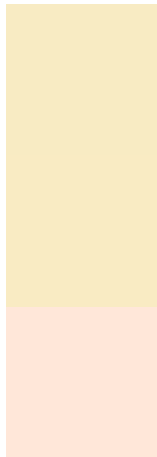


This preview shows how white text looks on a background with the RYB color 212, 248, 195.

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
212, 248, 195

Protanopia
214, 249, 195

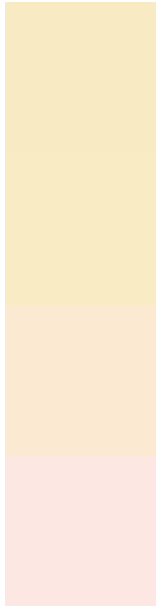
Deuteranopia
255, 239, 217



Tritanopia

255, 228, 246

Trichromacy



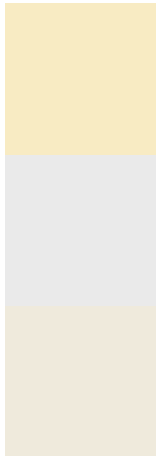
Original Color
212, 248, 195

Protanomaly
214, 249, 195

Deuteranomaly
243, 252, 209

Tritanomaly
252, 232, 227

Monochromacy



Original Color
212, 248, 195

Achromatopsia
234, 234, 234

Achromatomaly
227, 239, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 248, 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(248, 235, 195) looks like.

```
.text, #text, p{  
    color:rgb(248, 235, 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(248, 235, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 235, 195) }
```

Border

The CSS property to change the border of an element to RYB 212, 248, 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(248, 235, 195) }
```

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

```
.border{ border-color:rgb(248, 235, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 235, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 235, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 235, 195);  
box-shadow:4px 4px 4px 4px rgb(248, 235,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 212, 248, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 235, 195) }
```

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

```
.background{ background-color: rgb(248,  
235, 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](#).

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