

Converting Colors

`RYB(198, 250, 195)`

Have a look what the booklet for
RYB(198, 250, 195) contains.

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Color

R_YB(198, 250, 195)

Conversions

Conversions Part 1

Format	Color
Hex	FAF7C3
RGB	250, 247, 195
RGB Percent	98%, 97%, 76%
CMY	0.0196, 0.0308, 0.2353
CMYK	0.00, 0.01, 0.22, 0.02
HSL	57°, 85%, 87%
HSV	57°, 22%, 98%
XYZ	82.5829, 90.8806, 64.8189
YIQ	241.9690, 18.4800, -15.5360

Conversions

Conversions Part 2

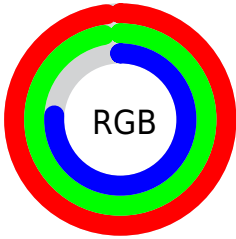
Format	Color
RYB	198, 250, 195
Decimal	16447427
CIELab	96.36, -7.20, 25.48
CIELCh	96, 26.478, 105.783
Yxy	90.8806, 0.3466, 0.3814
Android (android.graphics.Color)	4294637507 (0xFFFAF7C3)
YUV	241.9690, -23.1557, 7.0432
Hunter-Lab	95.3313, -12.2002, 26.4187

Details

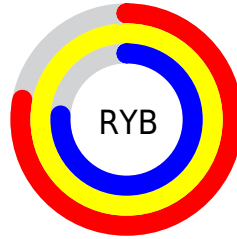
The RYB color **198, 250, 195** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **195, 198, 250**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **252, 255, 252**, and **143, 193, 141** is the 20% darker color. If you saturate the color by 10%, you get **174, 250, 170**, and if you desaturate by 10%, it is **222, 250, 220**.

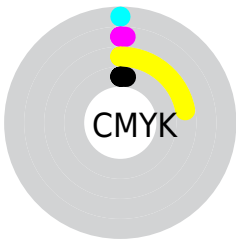
Distribution



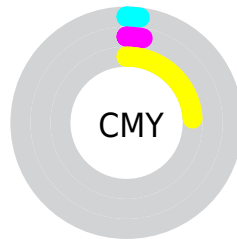
- Red (98%)
- Green (97%)
- Blue (76%)



- Red (78%)
- Yellow (98%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 250, 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 198, 250, 195 by changing the saturation by 10% instead.

 198, 250, 195

255, 255, 255


252, 255, 252

 198, 250, 195

 170, 221, 168

 143, 193, 141

 117, 166, 115

 91, 139, 90

 68, 113, 67

 44, 88, 44

 22, 65, 23

 0, 43, 1

 0, 23, 7

 198, 250, 195

 198, 250, 195

 174, 250, 170


 222, 250, 220

 150, 250, 145

 245, 250, 245

 127, 250, 120

 250, 251, 255

 103, 250, 95

 250, 251, 255


 79, 250, 70

 250, 252, 255

 57, 250, 45

 250, 253, 255

 33, 250, 20

 14, 250, 0

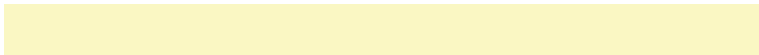
Harmonies

Analogous

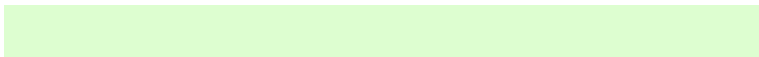
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217, 255, 195



198, 250, 195



208, 254, 241

Triad

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



198, 250, 195



177, 216, 255



255, 228, 255

Complementary

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



198, 250, 195



195, 198, 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.



255, 234, 255



198, 250, 195



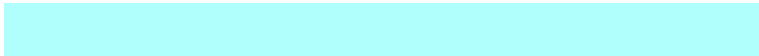
199, 226, 255

Square

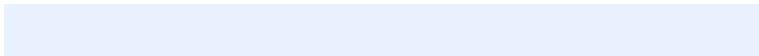
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198, 250, 195



176, 216, 255



233, 239, 255



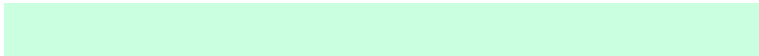
255, 227, 232

Rectangle

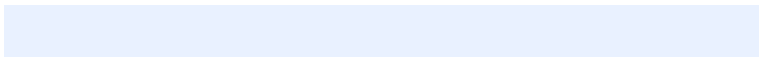
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198, 250, 195



202, 240, 255



233, 239, 255



255, 229, 255

Sweetspot

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



198, 250, 195



238, 255, 237



250, 195, 199



118, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



198, 250, 195



192, 255, 189



195, 250, 219



113, 125, 112



11, 189, 0



3, 61, 0

Inverse Universe

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



195, 198, 250



189, 192, 255



219, 195, 250



112, 113, 125



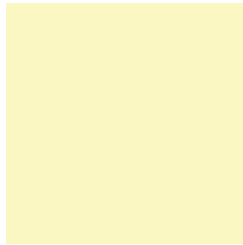
0, 9, 189



0, 3, 61

Previews

White Background



This preview shows how the RYB color 198, 250, 195 looks on a white background.

Color Contrast Check

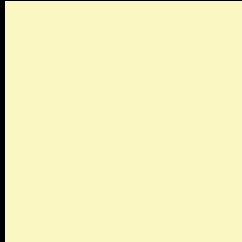
Large Text (above 18pt) WCAG AA × Fail

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 198, 250, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

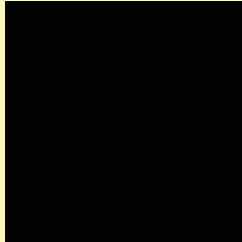
Any Text WCAG AA ✓ Pass

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 198, 250, 195 Background



This preview shows how black text looks on a background with the RYB color 198, 250, 195.

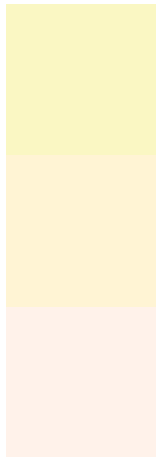


This preview shows how white text looks on a background with the RYB color 198, 250, 195.

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
198, 250, 195

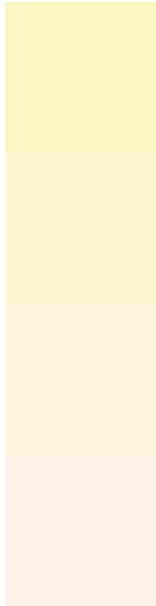
Protanopia
227, 255, 212

Deuteranopia
255, 247, 234



Tritanopia
255, 240, 254

Trichromacy



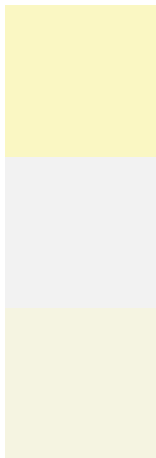
Original Color
198, 250, 195

Protanomaly
216, 253, 206

Deuteranomaly
232, 253, 220

Tritanomaly
253, 253, 233

Monochromacy



Original Color
198, 250, 195

Achromatopsia
242, 242, 242

Achromatomaly
226, 245, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 250, 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(250, 247, 195) looks like.

```
.text, #text, p{  
    color:rgb(250, 247, 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(250, 247, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 195) }
```

Border

The CSS property to change the border of an element to RYB 198, 250, 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(250, 247, 195) }
```

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

```
.border{ border-color:rgb(250, 247, 195) }
```

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

Here you see how a box with a 4 pixel rgb(250, 247, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 195);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 198, 250, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 247, 195) }
```

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

```
.background{ background-color: rgb(250,  
247, 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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