

Converting Colors

`RYB(203, 254, 196)`

Have a look what the booklet for
RYB(203, 254, 196) contains.

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Color

R_YB(203, 254, 196)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8C4
RGB	254, 248, 196
RGB Percent	100%, 97%, 77%
CMY	0.0039, 0.0284, 0.2314
CMYK	0.00, 0.02, 0.23, 0.00
HSL	54°, 97%, 88%
HSV	54°, 23%, 100%
XYZ	84.3286, 92.0399, 65.5454
YIQ	243.8660, 20.2680, -14.9000

Conversions

Conversions Part 2

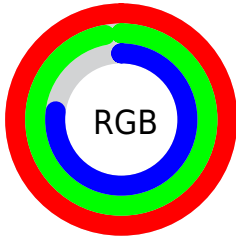
Format	Color
R _Y B	203, 254, 196
Decimal	16709828
CIE Lab	96.84, -5.91, 25.67
CIE LCh	97, 26.346, 102.972
Yxy	92.0399, 0.3486, 0.3805
Android (android.graphics.Color)	4294899908 (0xFFFEF8C4)
YUV	243.8660, -23.5979, 8.8875
Hunter-Lab	95.9374, -10.9897, 26.6487

Details

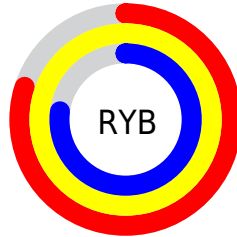
The RYB color **203, 254, 196** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **196, 201, 254**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **253, 255, 253**, and **148, 197, 142** is the 20% darker color. If you saturate the color by 10%, you get **181, 254, 171**, and if you desaturate by 10%, it is **226, 254, 221**.

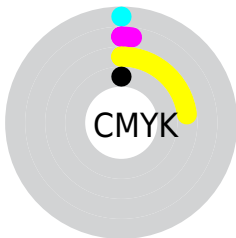
Distribution



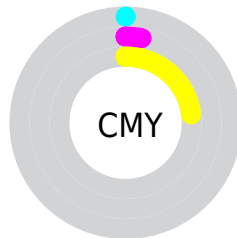
- Red (100%)
- Green (97%)
- Blue (77%)



- Red (80%)
- Yellow (100%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 254, 196 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 203, 254, 196 by changing the saturation by 10% instead.

 203, 254, 196


 203, 254, 196

255, 255, 255


 176, 225, 169

253, 255, 253

 149, 197, 142


 122, 169, 116

 95, 142, 91

 70, 116, 67

 47, 91, 44

 24, 67, 22

 1, 44, 0

 0, 23, 3

■ 203, 254, 196

■ 203, 254, 196

■ 181, 254, 171

■ 226, 254, 221

■ 158, 254, 145

■ 248, 254, 247

■ 136, 254, 120

■ 254, 255, 255

■ 113, 254, 94

■ 91, 254, 69

■ 70, 254, 44

■ 46, 254, 18

■ 30, 254, 0

Harmonies

Analogous

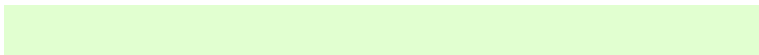
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 255, 198



203, 254, 196



208, 255, 238

Triad

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



203, 254, 196



178, 217, 255



255, 229, 255

Complementary

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



203, 254, 196



196, 201, 254

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, 236, 255



203, 254, 196



198, 226, 255

Square

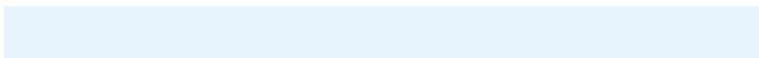
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203, 254, 196



178, 217, 255



231, 239, 255



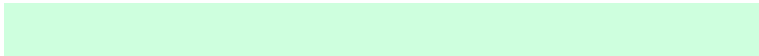
255, 228, 235

Rectangle

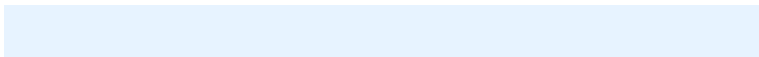
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203, 254, 196



206, 243, 255



231, 239, 255



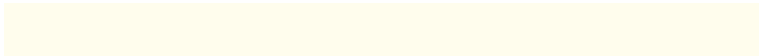
255, 231, 255

Sweetspot

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



203, 254, 196



239, 255, 237



254, 196, 203



119, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



203, 254, 196



194, 255, 186



196, 254, 218



117, 128, 115



22, 191, 0



8, 64, 0

Inverse Universe

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



196, 201, 254



186, 193, 255



218, 196, 254



115, 116, 128



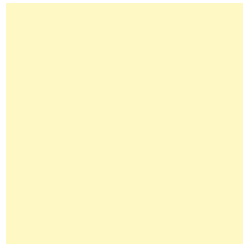
0, 19, 191



0, 6, 64

Previews

White Background



This preview shows how the RYB color 203, 254, 196 looks on a white background.

Color Contrast Check

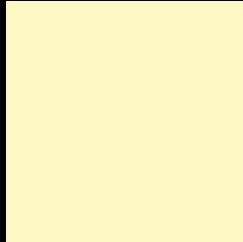
Large Text (above 18pt) WCAG AA × Fail

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 203, 254, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

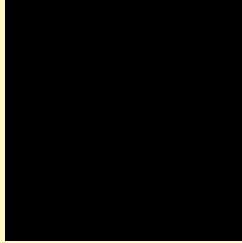
Any Text WCAG AA ✓ Pass

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 203, 254, 196 Background



This preview shows how black text looks on a background with the RYB color 203, 254, 196.



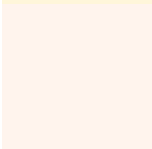


This preview shows how white text looks on a background with the RYB color 203, 254, 196.

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

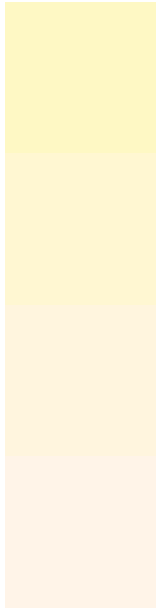
	Original Color 203, 254, 196
	Protanopia 230, 255, 218
	Deuteranopia 255, 248, 237



Tritanopia

255, 242, 253

Trichromacy



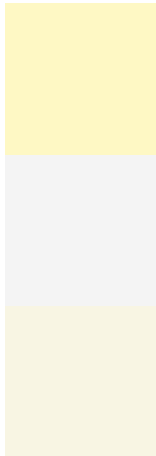
Original Color
203, 254, 196

Protanomaly
220, 255, 210

Deuteranomaly
236, 255, 222

Tritanomaly
253, 255, 232

Monochromacy



Original Color
203, 254, 196

Achromatopsia
244, 244, 244

Achromatomaly
231, 248, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 254, 196 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(254, 248, 196) looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 196)  
}
```

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(254, 248, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 196) }
```

Border

The CSS property to change the border of an element to RYB 203, 254, 196 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(254, 248, 196) }
```

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

```
.border{ border-color:rgb(254, 248, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 248, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 248, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 248, 196); box-shadow:4px 4px 4px 4px rgb(254, 248, 196) }
```

Background

The CSS property to change the background color of an element to RGB 255, 255, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 255) }
```

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

```
.background{ background-color: rgb(255,  
255, 255) }
```

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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