

Converting Colors

`RYB(197, 255, 204)`

Have a look what the booklet for
RYB(197, 255, 204) contains.

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Color

R_YB(197, 255, 204)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFC5
RGB	248, 255, 197
RGB Percent	97%, 100%, 77%
CMY	0.0275, 0.0000, 0.2275
CMYK	0.03, 0.00, 0.23, 0.00
HSL	67°, 100%, 89%
HSV	67°, 23%, 100%
XYZ	84.5494, 95.5077, 66.8019
YIQ	246.2950, 14.4460, -19.5220

Conversions

Conversions Part 2

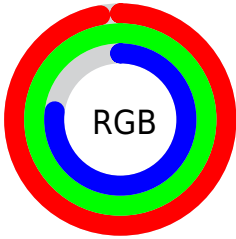
Format	Color
RYB	197, 255, 204
Decimal	16318405
CIELab	98.24, -11.53, 27.01
CIElCh	98, 29.372, 113.109
Yxy	95.5077, 0.3425, 0.3869
Android (android.graphics.Color)	4294508485 (0xFFF8FFC5)
YUV	246.2950, -24.3024, 1.4953
Hunter-Lab	97.7280, -16.5947, 27.8820

Details

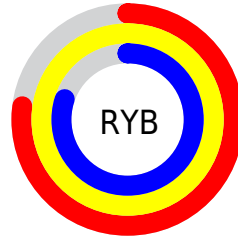
The RYB color **197, 255, 204** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **204, 197, 255**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **254, 255, 254**, and **143, 198, 150** is the 20% darker color. If you saturate the color by 10%, you get **172, 255, 182**, and if you desaturate by 10%, it is **223, 255, 227**.

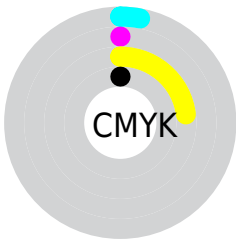
Distribution



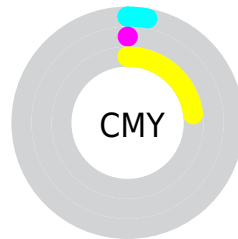
- Red (97%)
- Green (100%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 255, 204 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 197, 255, 204 by changing the saturation by 10% instead.

 197, 255, 204

255, 255, 255


254, 255, 254

 197, 255, 204

 170, 226, 177


 143, 198, 150

 117, 171, 124

 92, 145, 100

 68, 119, 76

 45, 94, 53

 23, 71, 32

 0, 48, 8

 0, 28, 13

■ 197, 255, 204

■ 197, 255, 204

■ 172, 255, 182

■ 223, 255, 227

■ 146, 255, 159

■ 248, 255, 249

■ 121, 255, 137

255, 255, 255

■ 95, 255, 114

■ 69, 255, 91

■ 44, 255, 69

■ 18, 255, 47

■ 0, 255, 31

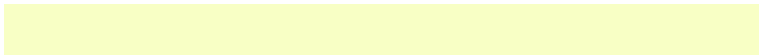
Harmonies

Analogous

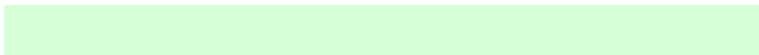
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205, 255, 194



197, 255, 204



215, 255, 255

Triad

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



197, 255, 204



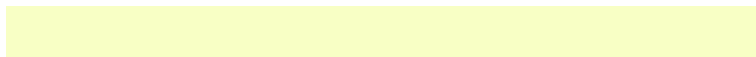
177, 216, 255



255, 230, 255

Complementary

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



197, 255, 204



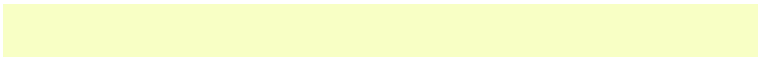
204, 197, 255

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



197, 255, 204



207, 231, 255

Square

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



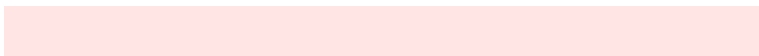
197, 255, 204



170, 213, 255



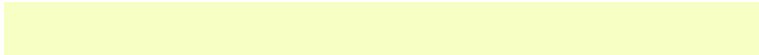
246, 245, 255



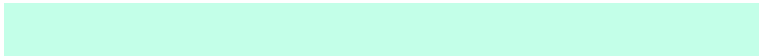
255, 230, 229

Rectangle

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



197, 255, 204



195, 232, 255



246, 245, 255



255, 231, 255

Sweetspot

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



197, 255, 204



237, 255, 239



255, 205, 197



117, 128, 119



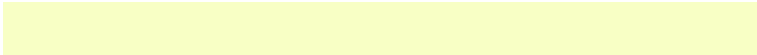
0, 0, 0



128, 128, 128

Same Dimension

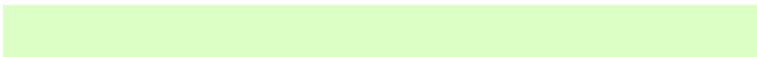
The Same Dimension uses a secret algorithm to generate beautiful new colors.



197, 255, 204



186, 255, 194



197, 255, 233



115, 128, 117



0, 191, 23



0, 64, 8

Inverse Universe

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



204, 197, 255



194, 186, 255



233, 197, 255



116, 115, 128



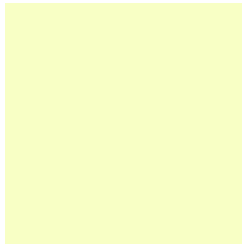
23, 0, 191



8, 0, 64

Previews

White Background



This preview shows how the RYB color 197, 255, 204 looks on a white background.

Color Contrast Check

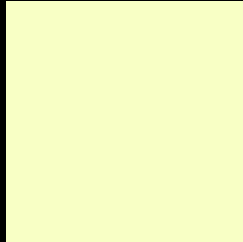
Large Text (above 18pt) WCAG AA × Fail

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 197, 255, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

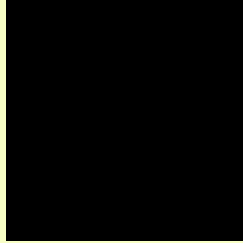
Any Text WCAG AA ✓ Pass

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 197, 255, 204 Background



This preview shows how black text looks on a background with the RYB color 197, 255, 204.

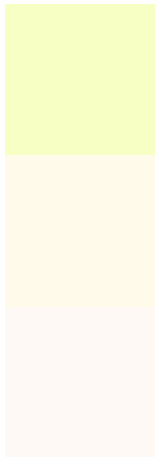


This preview shows how white text looks on a background with the RYB color 197, 255, 204.

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
197, 255, 204

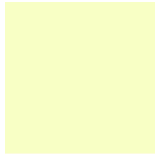
Protanopia
241, 255, 234

Deuteranopia
255, 252, 245

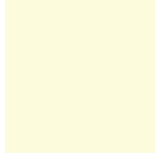
Tritanopia

252, 249, 255

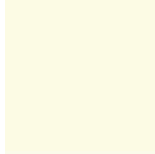
Trichromacy



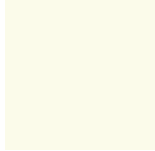
Original Color
197, 255, 204



Protanomaly
221, 252, 221

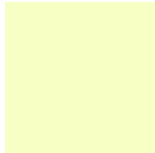


Deuteranomaly
229, 252, 228

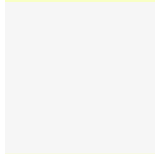


Tritanomaly
234, 251, 234

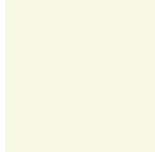
Monochromacy



Original Color
197, 255, 204



Achromatopsia
246, 246, 246



Achromatomaly
228, 249, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 255, 204 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, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 197)  
}
```

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, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 197) }
```

Border

The CSS property to change the border of an element to RYB 197, 255, 204 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, 255, 197) }
```

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

```
.border{ border-color:rgb(248, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 197, 255, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 197) }
```

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

```
.background{ background-color: rgb(248,  
255, 197) }
```

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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