

Converting Colors

`RYB(197, 255, 200)`

Have a look what the booklet for
RYB(197, 255, 200) contains.

RYB(197, 255, 200)	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

R_YB(197, 255, 200)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFC5
RGB	252, 255, 197
RGB Percent	99%, 100%, 77%
CMY	0.0118, 0.0000, 0.2275
CMYK	0.01, 0.00, 0.23, 0.00
HSL	63°, 100%, 89%
HSV	63°, 23%, 100%
XYZ	85.9829, 96.2467, 66.8690
YIQ	247.4910, 16.8300, -18.6740

Conversions

Conversions Part 2

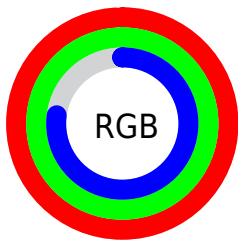
Format	Color
RYB	197, 255, 200
Decimal	16580549
CIELab	98.53, -10.09, 27.46
CIElCh	99, 29.260, 110.177
Yxy	96.2467, 0.3452, 0.3864
Android (android.graphics.Color)	4294770629 (0xFFFCFFC5)
YUV	247.4910, -24.8921, 3.9544
Hunter-Lab	98.1054, -15.2409, 28.2615

Details

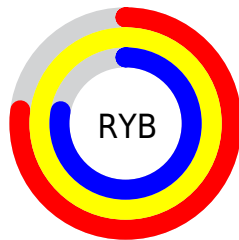
The RYB color **197, 255, 200** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **200, 197, 255**, and the grayscale version is **248, 248, 248**.

A 20% lighter version of the original color is **254, 255, 254**, and **143, 198, 146** is the 20% darker color. If you saturate the color by 10%, you get **172, 255, 176**, and if you desaturate by 10%, it is **223, 255, 225**.

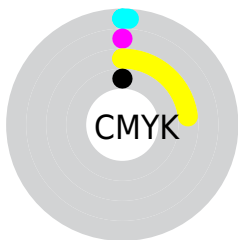
Distribution



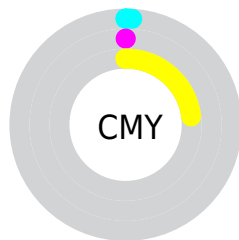
- Red (99%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 255, 200 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, 200 by changing the saturation by 10% instead.

 197, 255, 200

255, 255, 255


254, 255, 254

 197, 255, 200

 170, 226, 173

 143, 198, 146

 117, 171, 121

 92, 145, 96

 68, 119, 72

 45, 94, 50

 22, 71, 28

 0, 48, 5

 0, 28, 9

 197, 255, 200

 197, 255, 200

 172, 255, 176

 223, 255, 225

 146, 255, 152

 248, 255, 248

 121, 255, 128

 255, 255, 255

 95, 255, 103

 69, 255, 79

 44, 255, 55

 18, 255, 30

 0, 255, 13

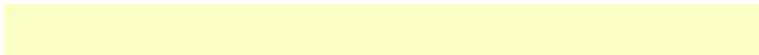
Harmonies

Analogous

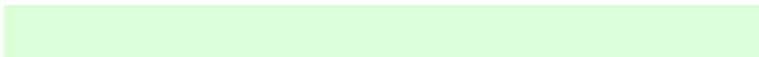
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



206, 255, 195



197, 255, 200



214, 255, 250

Triad

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



197, 255, 200



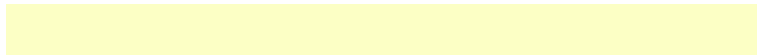
177, 216, 255



255, 231, 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, 200



200, 197, 255

Split Complementary

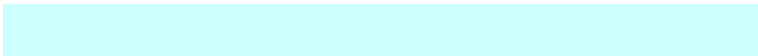
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 237, 255



197, 255, 200



205, 230, 255

Square

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



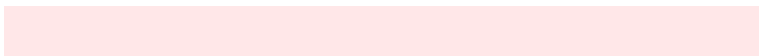
197, 255, 200



172, 214, 255



243, 246, 255



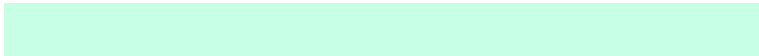
255, 231, 232

Rectangle

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



197, 255, 200



199, 235, 255



243, 246, 255



255, 233, 255

Sweetspot

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



197, 255, 200



237, 255, 238



255, 200, 197



117, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

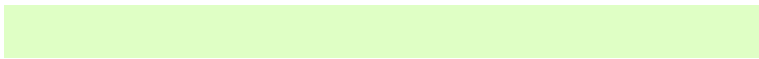
The Same Dimension uses a secret algorithm to generate beautiful new colors.



197, 255, 200



186, 255, 190



197, 255, 229



115, 128, 116



0, 191, 10



0, 64, 4

Inverse Universe

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



200, 197, 255



190, 186, 255



229, 197, 255



115, 115, 128



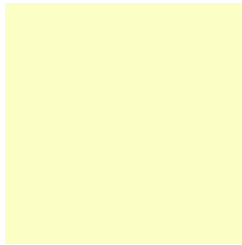
10, 0, 191



3, 0, 64

Previews

White Background



This preview shows how the RYB color 197, 255, 200 looks on a white background.

Color Contrast Check

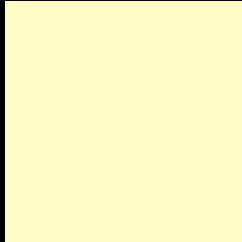
Large Text (above 18pt) WCAG AA × Fail

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, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

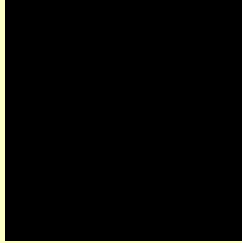
Any Text WCAG AA ✓ Pass

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, 200 Background



This preview shows how black text looks on a background with the RYB color 197, 255, 200.

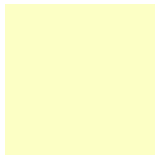


This preview shows how white text looks on a background with the RYB color 197, 255, 200.

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, 200



Protanopia
243, 255, 238

Deuteranopia
255, 253, 246



Tritanopia

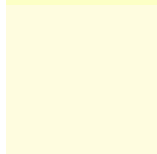
254, 249, 255

Trichromacy



Original Color

197, 255, 200



Protanomaly

225, 254, 223



Deuteranomaly

230, 254, 228



Tritanomaly

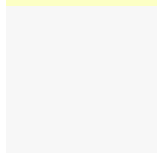
236, 253, 234

Monochromacy



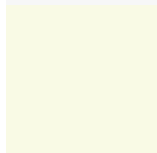
Original Color

197, 255, 200



Achromatopsia

247, 247, 247



Achromatomaly

229, 250, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 255, 200 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(252, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 197) }
```

Border

The CSS property to change the border of an element to RYB 197, 255, 200 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(252, 255, 197) }
```

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

```
.border{ border-color:rgb(252, 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(252, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 197, 255, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 197) }
```

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

```
.background{ background-color: rgb(252,  
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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