

Converting Colors

`RYB(197, 236, 204)`

Have a look what the booklet for
RYB(197, 236, 204) contains.

RYB(197, 236, 204)	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, 236, 204)

Conversions

Conversions Part 1

Format	Color
Hex	E5ECC5
RGB	229, 236, 197
RGB Percent	90%, 93%, 77%
CMY	0.1020, 0.0745, 0.2275
CMYK	0.03, 0.00, 0.17, 0.07
HSL	71°, 51%, 85%
HSV	71°, 17%, 93%
XYZ	72.3866, 80.6801, 64.5810
YIQ	229.4610, 8.3470, -13.6130

Conversions

Conversions Part 2

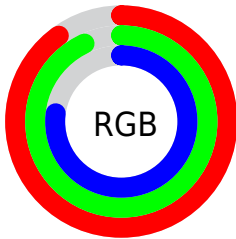
Format	Color
RYB	197, 236, 204
Decimal	15068357
CIELab	91.99, -8.86, 18.15
CIELCh	92, 20.197, 116.028
Yxy	80.6801, 0.3326, 0.3707
Android (android.graphics.Color)	4293258437 (0xFFE5ECC5)
YUV	229.4610, -16.0033, -0.4043
Hunter-Lab	89.8221, -13.3377, 20.2467

Details

The RYB color **197, 236, 204** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **204, 197, 236**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **254, 255, 254**, and **143, 180, 150** is the 20% darker color. If you saturate the color by 10%, you get **173, 236, 184**, and if you desaturate by 10%, it is **221, 236, 224**.

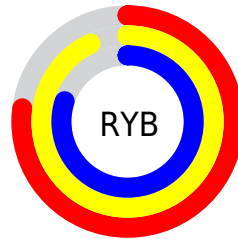
Distribution



Red (90%)

Green (93%)

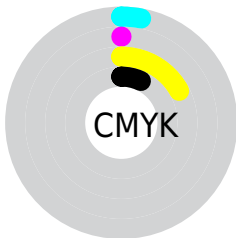
Blue (77%)



Red (77%)

Yellow (93%)

Blue (80%)

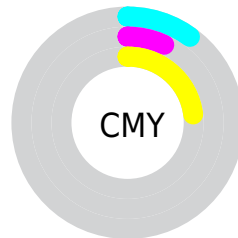


Cyan (3%)

Magenta (0%)

Yellow (17%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 236, 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, 236, 204 by changing the saturation by 10% instead.

197, 236, 204

255, 255, 255

254, 255, 254

197, 236, 204

170, 208, 177

143, 180, 150

117, 153, 123

93, 128, 100

69, 102, 75

46, 78, 52

25, 56, 32

0, 34, 6

0, 13, 13

 197, 236, 204

 197, 236, 204

 173, 236, 184

 221, 236, 224

 150, 236, 165

 237, 236, 244

 126, 236, 146

 242, 236, 255

 103, 236, 127

 246, 236, 255

 79, 236, 107

 250, 236, 255

 55, 236, 87

 254, 236, 255

 32, 236, 69

 255, 236, 255

 8, 236, 49

 0, 236, 42

Harmonies

Analogous

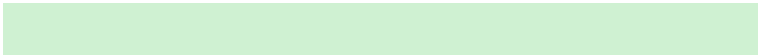
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 250, 194



197, 236, 204



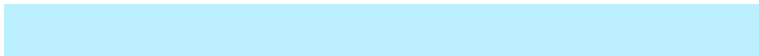
207, 238, 241

Triad

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



197, 236, 204



188, 217, 255



255, 219, 235

Complementary

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



197, 236, 204



204, 197, 236

Split Complementary

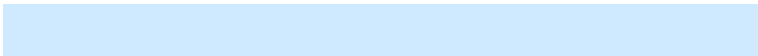
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 222, 254



197, 236, 204



207, 224, 255

Square

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



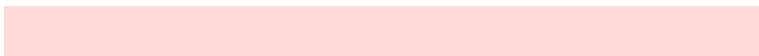
197, 236, 204



181, 213, 248



232, 228, 255



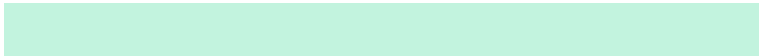
255, 219, 216

Rectangle

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



197, 236, 204



194, 225, 243



232, 228, 255



255, 219, 242

Sweetspot

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



197, 236, 204



242, 255, 244



236, 204, 197



120, 128, 122



0, 0, 0



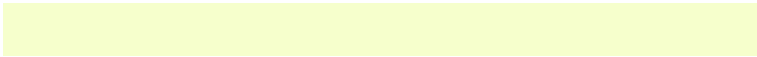
128, 128, 128

Same Dimension

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



197, 236, 204



204, 255, 213



197, 236, 223



106, 117, 108



0, 181, 32



0, 54, 10

Inverse Universe

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



204, 197, 236



213, 204, 255



223, 197, 236



108, 106, 117



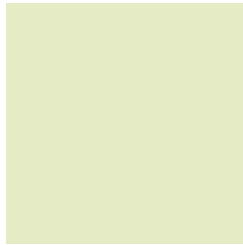
32, 0, 181



10, 0, 54

Previews

White Background



This preview shows how the RYB color 197, 236, 204 looks on a white background.

Color Contrast Check

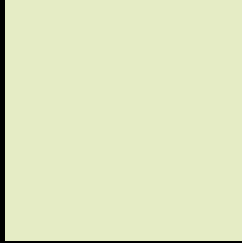
Large Text (above 18pt) WCAG AA × Fail

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, 236, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

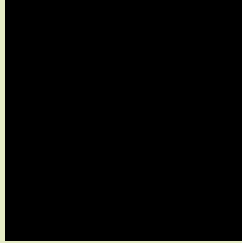
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

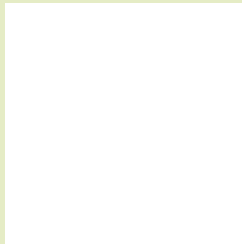
Any Text WCAG AAA ✓ Pass

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

RYB 197, 236, 204 Background



This preview shows how black text looks on a background with the RYB color 197, 236, 204.

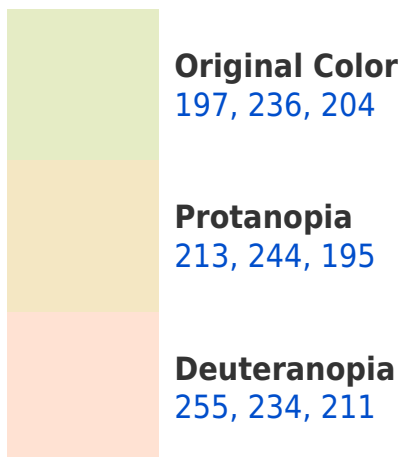


This preview shows how white text looks on a background with the RYB color 197, 236, 204.

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

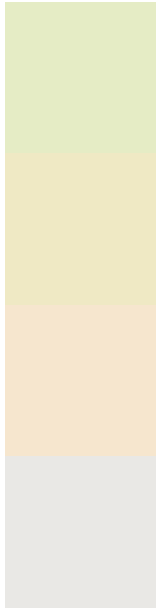




Tritanopia

236, 229, 247

Trichromacy



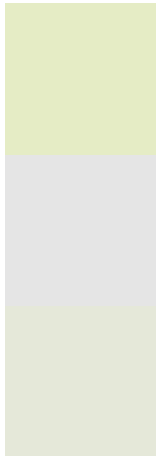
Original Color
197, 236, 204

Protanomaly
203, 239, 196

Deuteranomaly
233, 246, 206

Tritanomaly
230, 233, 229

Monochromacy



Original Color
197, 236, 204

Achromatopsia
229, 229, 229

Achromatomaly
217, 232, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 236, 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(229, 236, 197)` looks like.

```
.text, #text, p{  
    color:rgb(229, 236, 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(229, 236, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 236, 197) }
```

Border

The CSS property to change the border of an element to RYB 197, 236, 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(229, 236, 197) }
```

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

```
.border{ border-color:rgb(229, 236, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 236, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 236, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 236, 197);  
box-shadow:4px 4px 4px 4px rgb(229, 236,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 197, 236, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 236, 197) }
```

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

```
.background{ background-color: rgb(229,  
236, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor