

Converting Colors

`RYB(194, 238, 205)`

Have a look what the booklet for
RYB(194, 238, 205) contains.

RYB(194, 238, 205)	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(194, 238, 205)

Conversions

Conversions Part 1

Format	Color
Hex	E3EEC2
RGB	227, 238, 194
RGB Percent	89%, 93%, 76%
CMY	0.1098, 0.0667, 0.2392
CMYK	0.05, 0.00, 0.18, 0.07
HSL	75°, 56%, 85%
HSV	75°, 18%, 93%
XYZ	71.9907, 81.3750, 62.9516
YIQ	229.6950, 7.5680, -16.0160

Conversions

Conversions Part 2

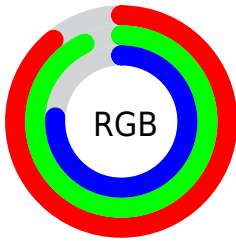
Format	Color
RYB	194, 238, 205
Decimal	14937794
CIELab	92.30, -11.03, 20.11
CIELCh	92, 22.933, 118.746
Yxy	81.3750, 0.3328, 0.3762
Android (android.graphics.Color)	4293127874 (0xFFE3EEC2)
YUV	229.6950, -17.5976, -2.3635
Hunter-Lab	90.2081, -15.4120, 21.7702

Details

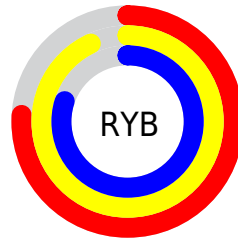
The RYB color **194, 238, 205** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **205, 194, 238**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **251, 255, 251**, and **140, 182, 151** is the 20% darker color. If you saturate the color by 10%, you get **170, 238, 187**, and if you desaturate by 10%, it is **218, 238, 223**.

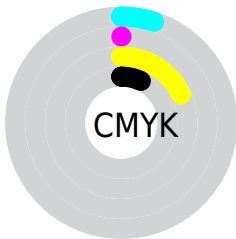
Distribution



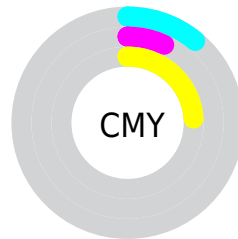
- Red (89%)
- Green (93%)
- Blue (76%)



- Red (76%)
- Yellow (93%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 238, 205 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 194, 238, 205 by changing the saturation by 10% instead.


 194, 238, 205

255, 255, 255


 251, 255, 251

 194, 238, 205

 167, 210, 178

 140, 182, 151

 115, 155, 125


 90, 129, 100

 66, 104, 76

 44, 80, 54

 22, 57, 32

 0, 35, 8

 0, 15, 15

 194, 238, 205

 194, 238, 205

 170, 238, 187

 218, 238, 223

 146, 238, 169

 239, 238, 242

 123, 238, 152

 245, 238, 255

 99, 238, 134


 251, 238, 255

 75, 238, 116

 255, 238, 255

 51, 238, 98

 27, 238, 80

 4, 238, 63

 0, 238, 60

Harmonies

Analogous

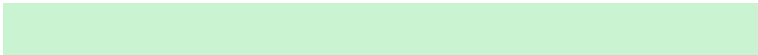
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219, 251, 189



194, 238, 205



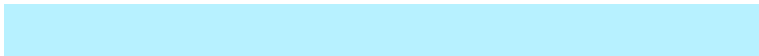
202, 237, 243

Triad

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



194, 238, 205



183, 215, 255



255, 218, 235

Complementary

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



194, 238, 205



205, 194, 238

Split Complementary

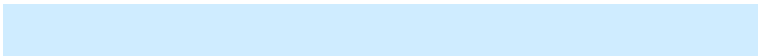
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 221, 255



194, 238, 205



207, 225, 255

Square

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



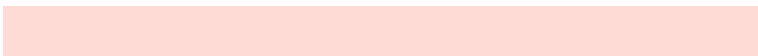
194, 238, 205



174, 211, 253



236, 228, 255



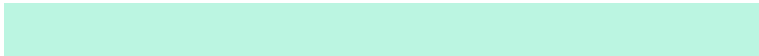
255, 220, 213

Rectangle

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



194, 238, 205



187, 222, 245



236, 228, 255



255, 218, 242

Sweetspot

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



194, 238, 205



240, 255, 244



238, 209, 194



119, 128, 122



0, 0, 0



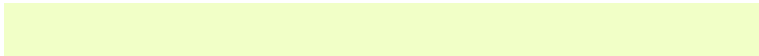
128, 128, 128

Same Dimension

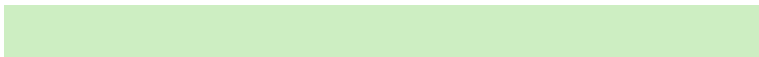
The Same Dimension uses a secret algorithm to generate beautiful new colors.



194, 238, 205



199, 255, 213



194, 238, 227



108, 120, 111



0, 184, 46



0, 56, 14

Inverse Universe

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



205, 194, 238



213, 199, 255



227, 194, 238



111, 108, 120



46, 0, 184



14, 0, 56

Previews

White Background



This preview shows how the RYB color 194, 238, 205 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 194, 238, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

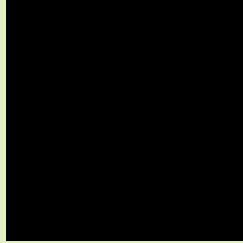
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

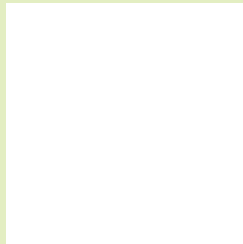
Any Text WCAG AAA ✓ Pass

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

R Y B 194, 238, 205 Background



This preview shows how black text looks on a background with the RYB color 194, 238, 205.



This preview shows how white text looks on a background with the RYB color 194, 238, 205.

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](#).

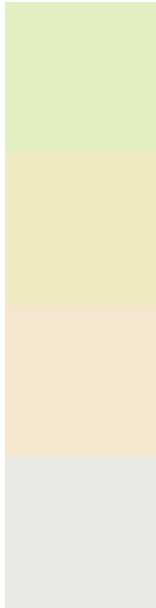
Dichromacy





Tritanopia
235, 230, 249

Trichromacy



Original Color

194, 238, 205

Protanomaly

198, 239, 192

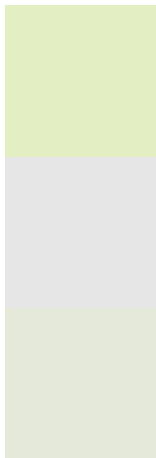
Deuteranomaly

227, 245, 205

Tritanomaly

229, 233, 230

Monochromacy



Original Color

194, 238, 205

Achromatopsia

230, 230, 230

Achromatomaly

217, 233, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 238, 205 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(227, 238, 194)` looks like.

```
.text, #text, p{  
    color:rgb(227, 238, 194)  
}
```

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(227, 238, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 238, 194) }
```

Border

The CSS property to change the border of an element to RYB 194, 238, 205 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(227, 238, 194) }
```

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

```
.border{ border-color:rgb(227, 238, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 238, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 238, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 238, 194);  
box-shadow:4px 4px 4px 4px rgb(227, 238,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 194, 238, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 238, 194) }
```

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

```
.background{ background-color: rgb(227,  
238, 194) }
```

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