

Converting Colors

`RYB(192, 245, 201)`

Have a look what the booklet for
RYB(192, 245, 201) contains.

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Color

R_YB(192, 245, 201)

Conversions

Conversions Part 1

Format	Color
Hex	ECF5C0
RGB	236, 245, 192
RGB Percent	93%, 96%, 75%
CMY	0.0745, 0.0392, 0.2471
CMYK	0.04, 0.00, 0.22, 0.04
HSL	70°, 73%, 86%
HSV	70°, 22%, 96%
XYZ	76.7589, 86.9435, 62.6053
YIQ	236.2670, 11.6490, -18.3910

Conversions

Conversions Part 2

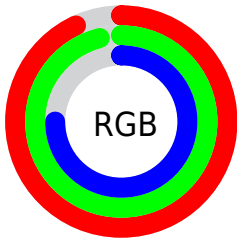
Format	Color
RYB	192, 245, 201
Decimal	15529408
CIELab	94.71, -11.59, 24.58
CIELCh	95, 27.176, 115.255
Yxy	86.9435, 0.3392, 0.3842
Android (android.graphics.Color)	4293719488 (0xFFECEF5C0)
YUV	236.2670, -21.8236, -0.2342
Hunter-Lab	93.2435, -16.2332, 25.4621

Details

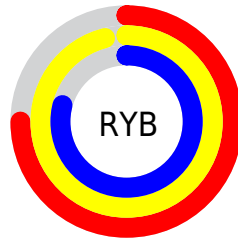
The RYB color **192, 245, 201** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **201, 192, 245**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **249, 255, 249**, and **138, 189, 147** is the 20% darker color. If you saturate the color by 10%, you get **168, 245, 181**, and if you desaturate by 10%, it is **217, 245, 222**.

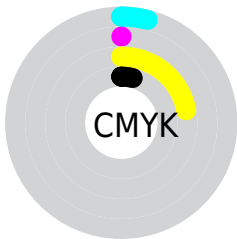
Distribution



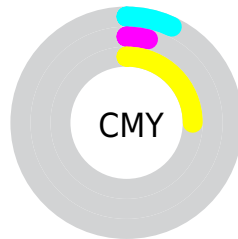
- Red (93%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 245, 201 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 192, 245, 201 by changing the saturation by 10% instead.

■ 192, 245, 201

255, 255, 255

■ 249, 255, 249

■ 192, 245, 201

■ 165, 217, 174

■ 138, 189, 147

■ 113, 162, 122

■ 88, 136, 98

■ 64, 110, 73

■ 41, 86, 50

■ 19, 63, 29

■ 0, 41, 9

■ 0, 21, 21

192, 245, 201

192, 245, 201

168, 245, 181

217, 245, 222

143, 245, 160

241, 245, 242

118, 245, 139

248, 245, 255

94, 245, 120

253, 245, 255

70, 245, 100

255, 245, 255

45, 245, 79

21, 245, 59

0, 245, 42

Harmonies

Analogous

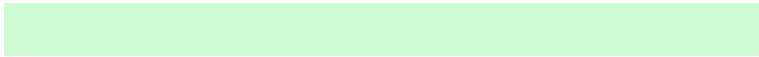
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 255, 188



192, 245, 201



206, 248, 251

Triad

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



192, 245, 201



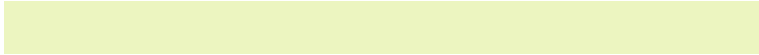
175, 214, 255



255, 221, 245

Complementary

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



192, 245, 201



201, 192, 245

Split Complementary

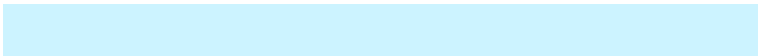
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 226, 255



192, 245, 201



204, 226, 255

Square

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



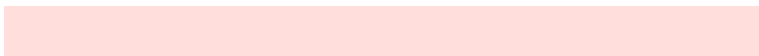
192, 245, 201



167, 211, 255



239, 235, 255



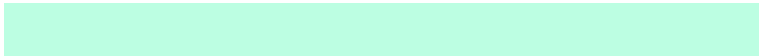
255, 222, 219

Rectangle

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



192, 245, 201



188, 230, 254



239, 235, 255



255, 223, 254

Sweetspot

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



192, 245, 201



240, 255, 243



245, 203, 192



119, 128, 121



0, 0, 0



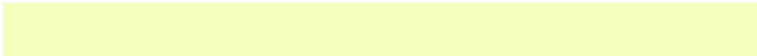
128, 128, 128

Same Dimension

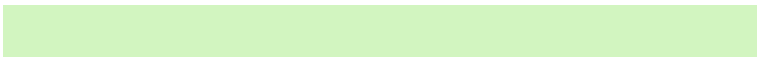
The Same Dimension uses a secret algorithm to generate beautiful new colors.



192, 245, 201



189, 255, 200



192, 245, 227



110, 122, 112



0, 186, 31



0, 59, 10

Inverse Universe

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



201, 192, 245



200, 189, 255



227, 192, 245



112, 110, 122



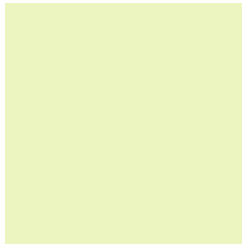
32, 0, 186



10, 0, 59

Previews

White Background



This preview shows how the RYB color 192, 245, 201 looks on a white background.

Color Contrast Check

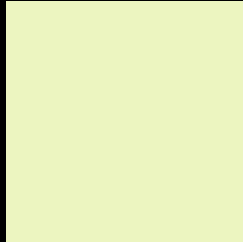
Large Text (above 18pt) WCAG AA × Fail

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 192, 245, 201 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

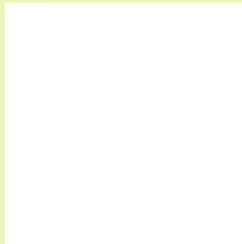
Any Text WCAG AAA ✓ Pass

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

RYB 192, 245, 201 Background



This preview shows how black text looks on a background with the RYB color 192, 245, 201.

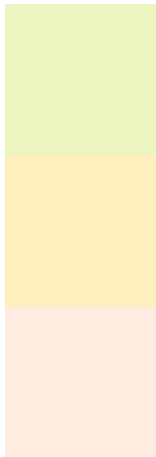


This preview shows how white text looks on a background with the RYB color 192, 245, 201.

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
192, 245, 201

Protanopia
210, 255, 189

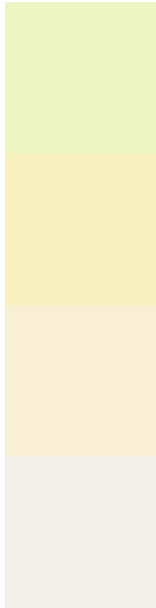
Deuteranopia
255, 244, 224



Tritanopia

245, 236, 255

Trichromacy



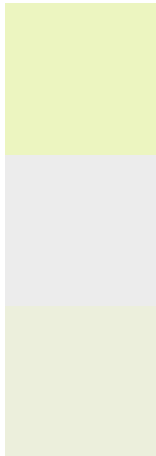
Original Color
192, 245, 201

Protanomaly
198, 248, 190

Deuteranomaly
224, 248, 212

Tritanomaly
236, 242, 232

Monochromacy



Original Color
192, 245, 201

Achromatopsia
236, 236, 236

Achromatomaly
220, 239, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 245, 201 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(236, 245, 192)` looks like.

```
.text, #text, p{  
    color:rgb(236, 245, 192)  
}
```

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(236, 245, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 245, 192) }
```

Border

The CSS property to change the border of an element to RYB 192, 245, 201 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(236, 245, 192) }
```

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

```
.border{ border-color:rgb(236, 245, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 245, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 245, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 245, 192);  
box-shadow:4px 4px 4px 4px rgb(236, 245,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 192, 245, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 245, 192) }
```

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

```
.background{ background-color: rgb(236,  
245, 192) }
```

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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