

Converting Colors

`RYB(192, 245, 194)`

Have a look what the booklet for
RYB(192, 245, 194) contains.

RYB(192, 245, 194)	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(192, 245, 194)

Conversions

Conversions Part 1

Format	Color
Hex	F3F5C0
RGB	243, 245, 192
RGB Percent	95%, 96%, 75%
CMY	0.0471, 0.0392, 0.2471
CMYK	0.01, 0.00, 0.22, 0.04
HSL	62°, 73%, 86%
HSV	62°, 22%, 96%
XYZ	79.1290, 88.1653, 62.7162
YIQ	238.3600, 15.8210, -16.9070

Conversions

Conversions Part 2

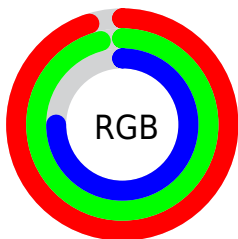
Format	Color
RYB	192, 245, 194
Decimal	15988160
CIELab	95.23, -9.08, 25.37
CIELCh	95, 26.945, 109.684
Yxy	88.1653, 0.3440, 0.3833
Android (android.graphics.Color)	4294178240 (0xFFFF3F5C0)
YUV	238.3600, -22.8555, 4.0693
Hunter-Lab	93.8964, -13.8919, 26.1259

Details

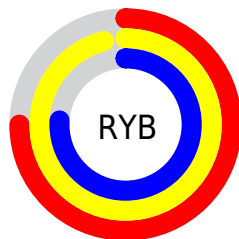
The RYB color **192, 245, 194** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **194, 192, 245**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **249, 255, 249**, and **138, 189, 141** is the 20% darker color. If you saturate the color by 10%, you get **168, 245, 171**, and if you desaturate by 10%, it is **217, 245, 218**.

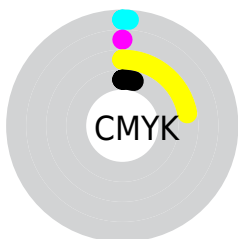
Distribution



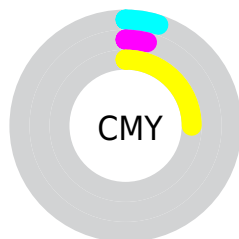
- Red (95%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 245, 194 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, 194 by changing the saturation by 10% instead.

 192, 245, 194

255, 255, 255


 249, 255, 249

 192, 245, 194


 165, 217, 168

 138, 189, 141

 113, 162, 116

 88, 136, 91

 64, 110, 67

 41, 86, 45

 19, 63, 24

 0, 41, 4

 0, 21, 15

 192, 245, 194

 192, 245, 194

 168, 245, 171

 217, 245, 218

 143, 245, 147

 241, 245, 241

 118, 245, 123

 246, 245, 255

 94, 245, 100

 247, 245, 255

 70, 245, 77

 248, 245, 255

 45, 245, 53

 249, 245, 255

 21, 245, 29

 250, 245, 255

 0, 245, 9

 251, 245, 255

Harmonies

Analogous

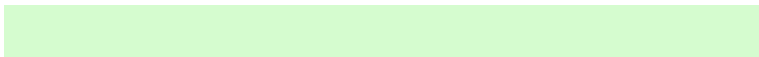
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217, 255, 190



192, 245, 194



207, 252, 246

Triad

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



192, 245, 194



174, 214, 255



255, 224, 251

Complementary

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



192, 245, 194



194, 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, 229, 255



192, 245, 194



199, 225, 255

Square

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



192, 245, 194



170, 213, 255



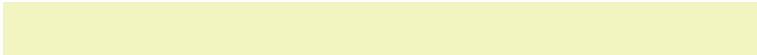
234, 237, 255



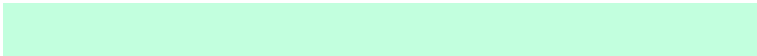
255, 223, 225

Rectangle

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



192, 245, 194



194, 236, 255



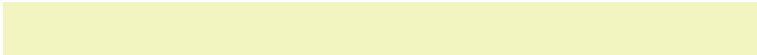
234, 237, 255



255, 225, 255

Sweetspot

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



192, 245, 194



240, 255, 241



245, 194, 192



119, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

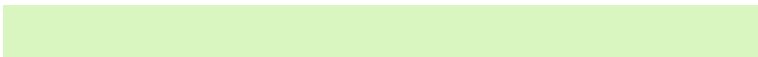
The Same Dimension uses a secret algorithm to generate beautiful new colors.



192, 245, 194



189, 255, 192



192, 245, 220



110, 122, 110



0, 186, 7



0, 59, 3

Inverse Universe

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



194, 192, 245



191, 189, 255



220, 192, 245



111, 110, 122



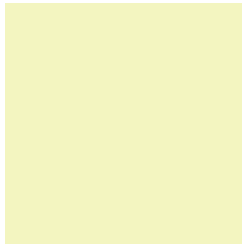
7, 0, 186



2, 0, 59

Previews

White Background



This preview shows how the RYB color 192, 245, 194 looks on a white background.

Color Contrast Check

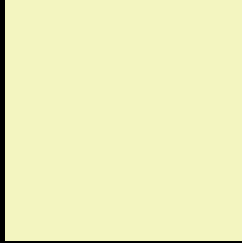
Large Text (above 18pt) WCAG AA × Fail

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, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

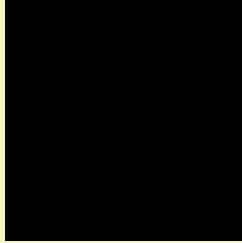
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

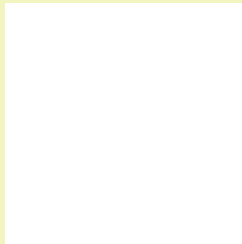
Any Text WCAG AAA ✓ Pass

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

RYB 192, 245, 194 Background



This preview shows how black text looks on a background with the RYB color 192, 245, 194.

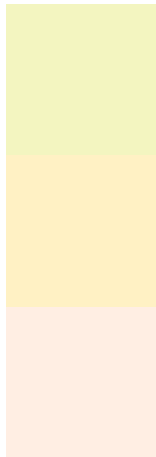


This preview shows how white text looks on a background with the RYB color 192, 245, 194.

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, 194

Protanopia
214, 255, 196

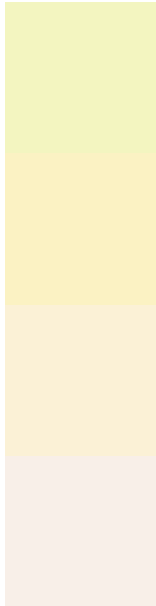
Deuteranopia
255, 245, 227



Tritanopia

251, 236, 255

Trichromacy



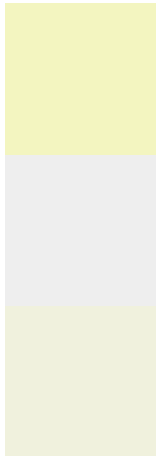
Original Color
192, 245, 194

Protanomaly
206, 251, 195

Deuteranomaly
228, 251, 214

Tritanomaly
248, 244, 232

Monochromacy



Original Color
192, 245, 194

Achromatopsia
238, 238, 238

Achromatomaly
221, 241, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 245, 194 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(243, 245, 192) looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 245, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 245, 192) }
```

Border

The CSS property to change the border of an element to RYB 192, 245, 194 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(243, 245, 192) }
```

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

```
.border{ border-color:rgb(243, 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(243, 245, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 245, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 245, 192); box-shadow:4px 4px 4px 4px rgb(243, 245, 192) }
```

Background

The CSS property to change the background color of an element to RYB 192, 245, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 245, 192) }
```

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

```
.background{ background-color: rgb(243,  
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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