

# Converting Colors

`RYB(194, 224, 213)`

Have a look what the booklet for  
RYB(194, 224, 213) contains.

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# Color

**R<sub>Y</sub>B(194, 224, 213)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDE0C2
RGB	205, 224, 194
RGB Percent	80%, 88%, 76%
CMY	0.1961, 0.1216, 0.2392
CMYK	0.08, 0.00, 0.13, 0.12
HSL	98°, 33%, 82%
HSV	98°, 13%, 88%
XYZ	61.5701, 70.1855, 61.3410
YIQ	214.8990, -1.6940, -13.3580

# Conversions

## Conversions Part 2

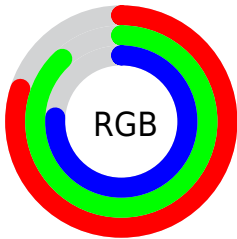
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 224, 213
Decimal	13492418
CIELab	87.09, -11.72, 12.56
CIELCh	87, 17.174, 133.018
Yxy	70.1855, 0.3189, 0.3635
Android (android.graphics.Color)	4291682498 (0xFFCDE0C2)
YUV	214.8990, -10.3032, -8.6814
Hunter-Lab	83.7768, -15.4243, 15.2319

# Details

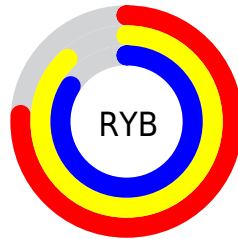
The RYB color **194, 224, 213** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **213, 194, 224**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **251, 255, 251**, and **140, 169, 158** is the 20% darker color. If you saturate the color by 10%, you get **172, 224, 205**, and if you desaturate by 10%, it is **216, 224, 221**.

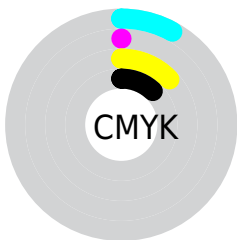
# Distribution



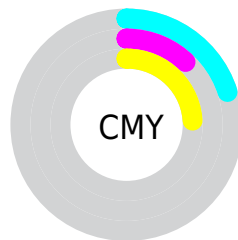
- Red (80%)
- Green (88%)
- Blue (76%)



- Red (76%)
- Yellow (88%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 194, 224, 213 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, 224, 213 by changing the saturation by 10% instead.





 194, 224, 213

255, 255, 255


 251, 255, 251

 194, 224, 213

 167, 196, 186

 140, 169, 158

 115, 142, 132

 90, 117, 107

 67, 92, 83

 44, 68, 59

 24, 46, 39

 0, 26, 17

 0, 0, 0

 194, 224, 213

 194, 224, 213

 172, 224, 205

 216, 224, 221

 149, 224, 196

 233, 224, 239

 127, 224, 189

 248, 224, 255

 104, 224, 180

 255, 224, 255

 82, 224, 172

 60, 224, 164

 37, 224, 155

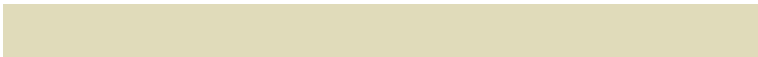
 15, 224, 147

 0, 224, 142

# Harmonies

## Analogous

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



192, 224, 186



194, 224, 213



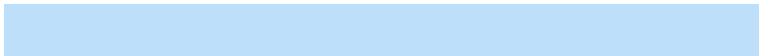
188, 214, 227

# Triad

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



194, 224, 213



190, 211, 249



253, 207, 211

# Complementary

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



194, 224, 213



213, 194, 224

# 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.



246, 208, 228



194, 224, 213



209, 216, 250

# Square

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



194, 224, 213



178, 205, 240



230, 212, 242



251, 212, 197

# Rectangle

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



194, 224, 213



180, 206, 228



230, 212, 242



251, 207, 217



# Sweetspot

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



194, 224, 213



245, 255, 251



211, 224, 194



121, 128, 126



0, 0, 0



128, 128, 128

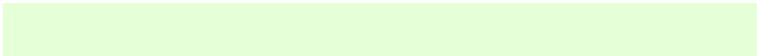


# Same Dimension

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



194, 224, 213



214, 255, 240



194, 220, 224



101, 112, 108



0, 176, 111



0, 48, 30



# Inverse Universe

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



213, 194, 224



240, 214, 255



224, 194, 220



108, 101, 112



111, 0, 176

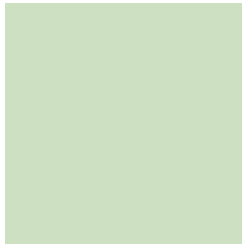


31, 0, 48



# Previews

## White Background



This preview shows how the RYB color 194, 224, 213 looks on a white background.

## Color Contrast Check

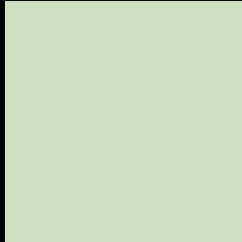
Large Text (above 18pt) WCAG AA × Fail

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, 224, 213 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

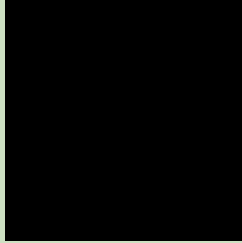
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

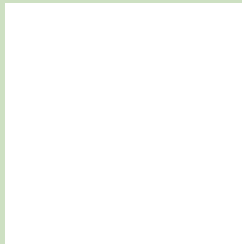
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 194, 224, 213 Background



This preview shows how black text looks on a background with the RYB color 194, 224, 213.



This preview shows how white text looks on a background with the RYB color 194, 224, 213.

# 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](#).

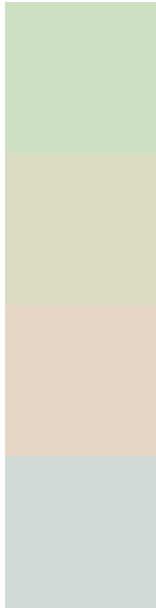
## Dichromacy





**Tritanopia**  
211, 216, 235

# Trichromacy



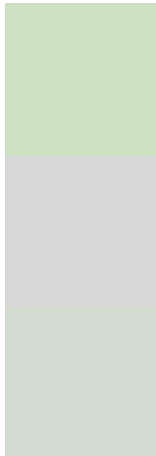
**Original Color**  
194, 224, 213

**Protanomaly**  
192, 220, 192

**Deuteranomaly**  
228, 232, 196

**Tritanomaly**  
209, 215, 220

# Monochromacy



**Original Color**  
194, 224, 213

**Achromatopsia**  
215, 215, 215

**Achromatomaly**  
207, 218, 214

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 194, 224, 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(205, 224, 194) looks like.

```
.text, #text, p{  
    color:rgb(205, 224, 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(205, 224, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 224, 194) }
```

## Border

The CSS property to change the border of an element to RYB 194, 224, 213 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(205, 224, 194) }
```

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

```
.border{ border-color:rgb(205, 224, 194) }
```

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

Here you see how a box with a 4 pixel rgb(205, 224, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 224, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 224, 194);  
box-shadow:4px 4px 4px 4px rgb(205, 224,  
194) }
```

# Background

The CSS property to change the background color of an element to RYB 194, 224, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 224, 194) }
```

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

```
.background{ background-color: rgb(205,  
224, 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](#).



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