

Converting Colors

`RYB(191, 229, 214)`

Have a look what the booklet for
RYB(191, 229, 214) contains.

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Color

R_YB(191, 229, 214)

Conversions

Conversions Part 1

Format	Color
Hex	CEE5BF
RGB	206, 229, 191
RGB Percent	81%, 90%, 75%
CMY	0.1922, 0.1020, 0.2510
CMYK	0.10, 0.00, 0.17, 0.10
HSL	96°, 42%, 82%
HSV	96°, 17%, 90%
XYZ	62.8769, 72.9220, 60.0516
YIQ	217.7910, -1.5100, -16.6940

Conversions

Conversions Part 2

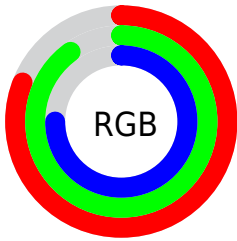
Format	Color
RYB	191, 229, 214
Decimal	13559231
CIELab	88.41, -14.38, 16.00
CIELCh	88, 21.514, 131.941
Yxy	72.9220, 0.3210, 0.3723
Android (android.graphics.Color)	4291749311 (0xFFCEE5BF)
YUV	217.7910, -13.2080, -10.3407
Hunter-Lab	85.3944, -18.0086, 18.0818

Details

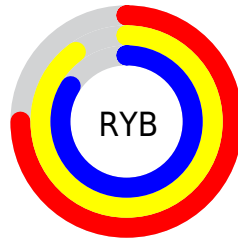
The RYB color **191, 229, 214** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **214, 191, 229**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **247, 255, 247**, and **137, 174, 159** is the 20% darker color. If you saturate the color by 10%, you get **168, 229, 205**, and if you desaturate by 10%, it is **214, 229, 223**.

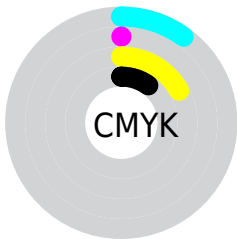
Distribution



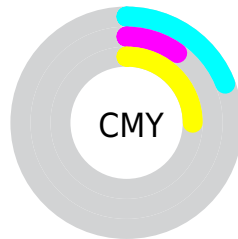
- Red (81%)
- Green (90%)
- Blue (75%)



- Red (75%)
- Yellow (90%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 229, 214 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 191, 229, 214 by changing the saturation by 10% instead.


 191, 229, 214

255, 255, 255


 247, 255, 247

 191, 229, 214

 164, 201, 187


 137, 174, 159

 112, 147, 134

 87, 121, 108

 64, 96, 84

 42, 72, 61

 21, 50, 40

 0, 29, 19

 0, 0, 0

 191, 229, 214

 191, 229, 214

 168, 229, 205

 214, 229, 223

 145, 229, 196

 234, 229, 237

 122, 229, 187

 248, 229, 255

 99, 229, 177

 255, 229, 255

 77, 229, 169

 54, 229, 160

 31, 229, 151

 8, 229, 142

 0, 229, 139

Harmonies

Analogous

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



189, 229, 182



191, 229, 214



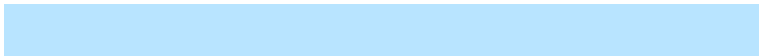
184, 216, 233

Triad

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



191, 229, 214



184, 211, 255



255, 208, 214

Complementary

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



191, 229, 214



214, 191, 229

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, 209, 235



191, 229, 214



209, 219, 255

Square

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



191, 229, 214



169, 204, 248



236, 214, 252



255, 215, 195

Rectangle

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



191, 229, 214



173, 207, 234



236, 214, 252



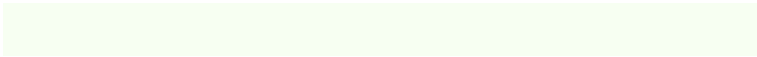
255, 208, 221

Sweetspot

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



191, 229, 214



242, 255, 250



216, 229, 191



120, 128, 125



0, 0, 0



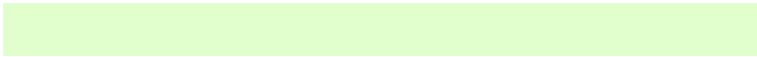
128, 128, 128

Same Dimension

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



191, 229, 214



204, 255, 235



191, 225, 229



103, 115, 110



0, 179, 109



0, 51, 31

Inverse Universe

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



214, 191, 229



235, 204, 255



229, 191, 225



110, 103, 115



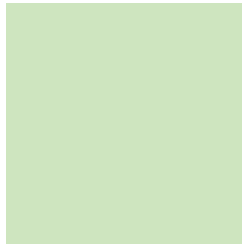
108, 0, 179



31, 0, 51

Previews

White Background



This preview shows how the RYB color 191, 229, 214 looks on a white background.

Color Contrast Check

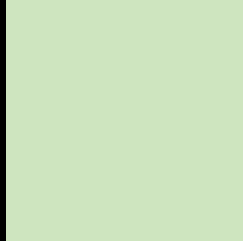
Large Text (above 18pt) WCAG AA × Fail

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 191, 229, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

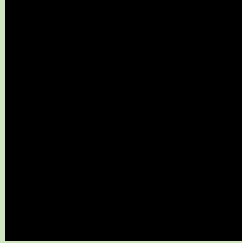
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

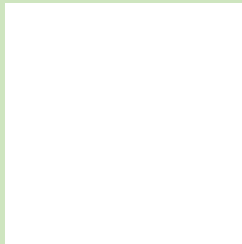
Any Text WCAG AAA ✓ Pass

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

RYB 191, 229, 214 Background



This preview shows how black text looks on a background with the RYB color 191, 229, 214.



This preview shows how white text looks on a background with the RYB color 191, 229, 214.

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

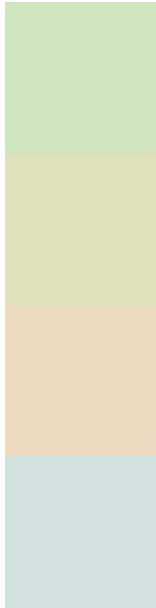




Tritanopia

214, 220, 240

Trichromacy



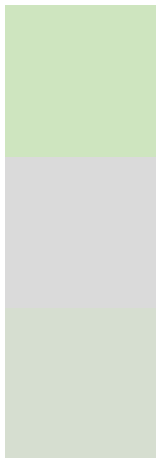
Original Color
191, 229, 214

Protanomaly
188, 224, 189

Deuteranomaly
221, 236, 193

Tritanomaly
211, 219, 225

Monochromacy



Original Color
191, 229, 214

Achromatopsia
218, 218, 218

Achromatomaly
208, 222, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 229, 214 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(206, 229, 191)` looks like.

```
.text, #text, p{  
    color:rgb(206, 229, 191)  
}
```

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(206, 229, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 229, 191) }
```

Border

The CSS property to change the border of an element to RYB 191, 229, 214 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(206, 229, 191) }
```

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

```
.border{ border-color:rgb(206, 229, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 229, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 229, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 229, 191);  
box-shadow:4px 4px 4px 4px rgb(206, 229,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 191, 229, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 229, 191) }
```

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

```
.background{ background-color: rgb(206,  
229, 191) }
```

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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