

Converting Colors

`RYB(190, 224, 201)`

Have a look what the booklet for
RYB(190, 224, 201) contains.

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Color

R_YB(190, 224, 201)

Conversions

Conversions Part 1

Format	Color
Hex	D5E0BE
RGB	213, 224, 190
RGB Percent	84%, 88%, 75%
CMY	0.1647, 0.1216, 0.2549
CMYK	0.05, 0.00, 0.15, 0.12
HSL	79°, 35%, 81%
HSV	79°, 15%, 88%
XYZ	63.3905, 71.1751, 59.1123
YIQ	216.8350, 4.3580, -12.9060

Conversions

Conversions Part 2

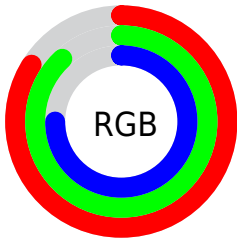
Format	Color
RYB	190, 224, 201
Decimal	14016702
CIELab	87.57, -9.57, 15.41
CIELCh	88, 18.144, 121.844
Yxy	71.1751, 0.3273, 0.3675
Android (android.graphics.Color)	4292206782 (0xFFD5E0BE)
YUV	216.8350, -13.2297, -3.3633
Hunter-Lab	84.3654, -13.5180, 17.5130

Details

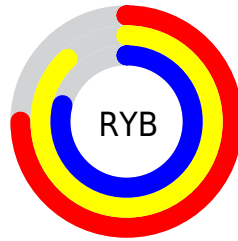
The RYB color **190, 224, 201** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **201, 190, 224**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **246, 255, 246**, and **137, 169, 148** is the 20% darker color. If you saturate the color by 10%, you get **168, 224, 186**, and if you desaturate by 10%, it is **212, 224, 216**.

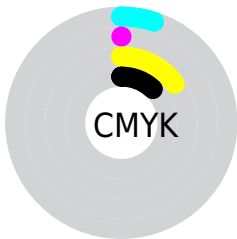
Distribution



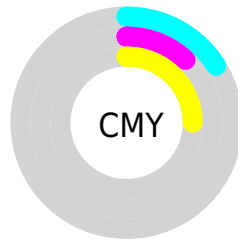
- Red (84%)
- Green (88%)
- Blue (75%)



- Red (75%)
- Yellow (88%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 224, 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 190, 224, 201 by changing the saturation by 10% instead.

 190, 224, 201


255, 255, 255


 246, 255, 246

 190, 224, 201


 163, 196, 174


 137, 169, 148

 111, 142, 121

 87, 117, 97

 63, 92, 73

 41, 69, 51

 20, 46, 29

 0, 26, 10

 0, 0, 0

 190, 224, 201

 190, 224, 201

 168, 224, 186

 212, 224, 216

 145, 224, 170

 227, 224, 235

 123, 224, 156

 235, 224, 255

 100, 224, 140

 242, 224, 255

 78, 224, 125

 249, 224, 255

 56, 224, 110

 255, 224, 255

 33, 224, 95

 11, 224, 80

 0, 224, 72

Harmonies

Analogous

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



203, 232, 185



190, 224, 201



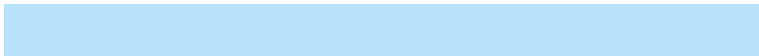
194, 221, 228

Triad

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



190, 224, 201



183, 209, 249



254, 208, 219

Complementary

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



190, 224, 201



201, 190, 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.



243, 210, 236



190, 224, 201



202, 216, 254

Square

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



190, 224, 201



175, 204, 237



224, 215, 249



255, 210, 202

Rectangle

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



190, 224, 201



183, 210, 229



224, 215, 249



252, 208, 225

Sweetspot

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



190, 224, 201



242, 255, 246



224, 206, 190



120, 128, 123



0, 0, 0



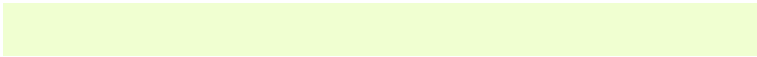
128, 128, 128

Same Dimension

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



190, 224, 201



209, 255, 224



190, 224, 218



101, 112, 104



0, 176, 57



0, 48, 15

Inverse Universe

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



201, 190, 224



224, 209, 255



218, 190, 224



105, 101, 112



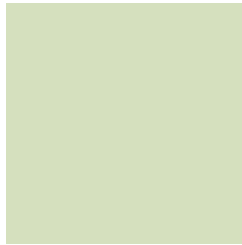
57, 0, 176



16, 0, 48

Previews

White Background



This preview shows how the RYB color 190, 224, 201 looks on a white background.

Color Contrast Check

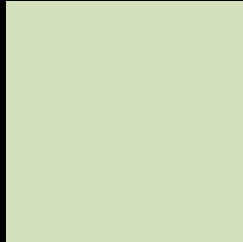
Large Text (above 18pt) WCAG AA × Fail

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 190, 224, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

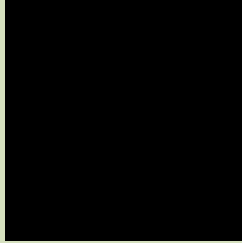
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

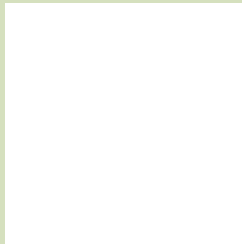
Any Text WCAG AAA ✓ Pass

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

RYB 190, 224, 201 Background



This preview shows how black text looks on a background with the RYB color 190, 224, 201.



This preview shows how white text looks on a background with the RYB color 190, 224, 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

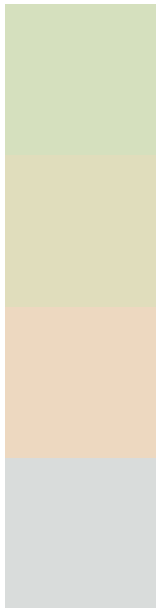




Tritanopia

220, 218, 235

Trichromacy



Original Color

190, 224, 201

Protanomaly

191, 224, 188

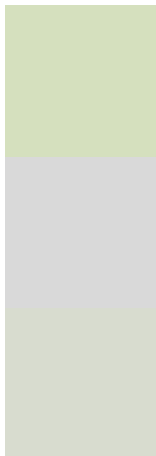
Deuteranomaly

231, 237, 192

Tritanomaly

217, 219, 220

Monochromacy



Original Color

190, 224, 201

Achromatopsia

217, 217, 217

Achromatomaly

207, 220, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 224, 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(213, 224, 190)` looks like.

```
.text, #text, p{  
    color:rgb(213, 224, 190)  
}
```

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(213, 224, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 224, 190) }
```

Border

The CSS property to change the border of an element to RYB 190, 224, 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(213, 224, 190) }
```

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

```
.border{ border-color:rgb(213, 224, 190) }
```

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

Here you see how a box with a 4 pixel rgb(213, 224, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 224, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 224, 190);  
box-shadow:4px 4px 4px 4px rgb(213, 224,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 190, 224, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 224, 190) }
```

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

```
.background{ background-color: rgb(213,  
224, 190) }
```

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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