

Converting Colors

`RYB(191, 219, 205)`

Have a look what the booklet for
RYB(191, 219, 205) contains.

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Color

R_YB(191, 219, 205)

Conversions

Conversions Part 1

Format	Color
Hex	CDDBBF
RGB	205, 219, 191
RGB Percent	80%, 86%, 75%
CMY	0.1961, 0.1412, 0.2510
CMYK	0.06, 0.00, 0.13, 0.14
HSL	90°, 28%, 80%
HSV	90°, 13%, 86%
XYZ	59.9123, 67.4038, 59.1427
YIQ	211.6220, 0.6440, -11.6760

Conversions

Conversions Part 2

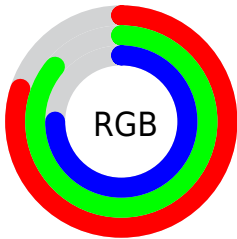
Format	Color
RYB	191, 219, 205
Decimal	13491135
CIELab	85.71, -9.69, 12.17
CIELCh	86, 15.556, 128.505
Yxy	67.4038, 0.3213, 0.3615
Android (android.graphics.Color)	4291681215 (0xFFCDDDBF)
YUV	211.6220, -10.1666, -5.8075
Hunter-Lab	82.0998, -13.4143, 14.7588

Details

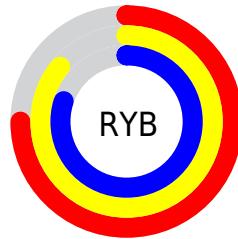
The RYB color **191, 219, 205** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **205, 191, 219**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **247, 255, 247**, and **138, 164, 151** is the 20% darker color. If you saturate the color by 10%, you get **169, 219, 194**, and if you desaturate by 10%, it is **213, 219, 216**.

Distribution



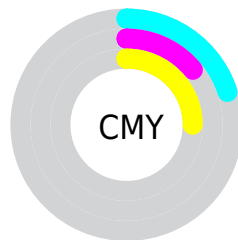
- Red (80%)
- Green (86%)
- Blue (75%)



- Red (75%)
- Yellow (86%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (20%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 219, 205 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, 219, 205 by changing the saturation by 10% instead.

 191, 219, 205


255, 255, 255


 247, 255, 247

 191, 219, 205

 164, 191, 178


 138, 164, 151

 112, 138, 125

 88, 112, 100

 64, 88, 76

 42, 65, 54

 21, 43, 33

 0, 23, 16

 0, 0, 0

■ 191, 219, 205

■ 191, 219, 205

■ 169, 219, 194

■ 213, 219, 216

■ 147, 219, 183

■ 227, 219, 235

■ 125, 219, 172

■ 238, 219, 255

■ 103, 219, 161

■ 249, 219, 255

■ 82, 219, 151

■ 255, 219, 255

■ 60, 219, 140

■ 38, 219, 129

■ 16, 219, 118

■ 0, 219, 109

Harmonies

Analogous

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



194, 222, 185



191, 219, 205



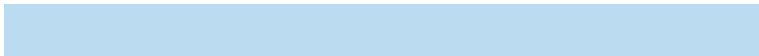
189, 212, 222

Triad

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



191, 219, 205



187, 207, 241



245, 204, 210

Complementary

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



191, 219, 205



205, 191, 219

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.



237, 205, 225



191, 219, 205



204, 212, 243

Square

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



191, 219, 205



177, 202, 232



222, 209, 237



245, 208, 197

Rectangle

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



191, 219, 205



181, 205, 223



222, 209, 237



243, 204, 216

Sweetspot

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



191, 219, 205



245, 255, 250



219, 219, 191



121, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



191, 219, 205



217, 255, 236



191, 219, 219



99, 110, 105



0, 173, 86



0, 46, 23

Inverse Universe

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



205, 191, 219



236, 217, 255



219, 191, 219



104, 99, 110



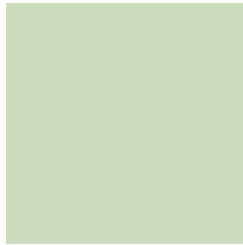
87, 0, 173



23, 0, 46

Previews

White Background



This preview shows how the RYB color 191, 219, 205 looks on a white background.

Color Contrast Check

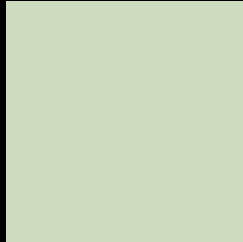
Large Text (above 18pt) WCAG AA × Fail

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, 219, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

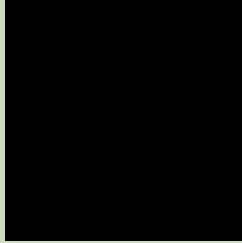
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

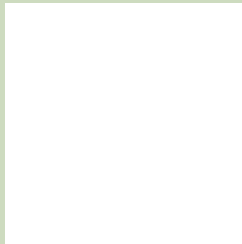
Any Text WCAG AAA ✓ Pass

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

RYB 191, 219, 205 Background



This preview shows how black text looks on a background with the RYB color 191, 219, 205.



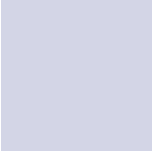
This preview shows how white text looks on a background with the RYB color 191, 219, 205.

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](#).

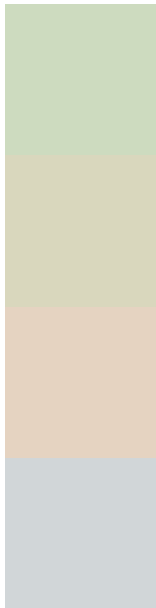
Dichromacy





Tritanopia
211, 213, 230

Trichromacy



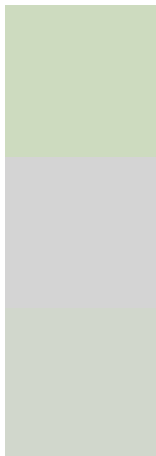
Original Color
191, 219, 205

Protanomaly
191, 217, 189

Deuteranomaly
229, 229, 193

Tritanomaly
209, 212, 216

Monochromacy



Original Color
191, 219, 205

Achromatopsia
212, 212, 212

Achromatomaly
204, 215, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 219, 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, 219, 191) looks like.

```
.text, #text, p{  
    color:rgb(205, 219, 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(205, 219, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 219, 191) }
```

Border

The CSS property to change the border of an element to RYB 191, 219, 205 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, 219, 191) }
```

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

```
.border{ border-color:rgb(205, 219, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 219, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 219, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 219, 191);  
box-shadow:4px 4px 4px 4px rgb(205, 219,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 191, 219, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 219, 191) }
```

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

```
.background{ background-color: rgb(205,  
219, 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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