

Converting Colors

`RYB(183, 214, 205)`

Have a look what the booklet for
RYB(183, 214, 205) contains.

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Color

R_YB(183, 214, 205)

Conversions

Conversions Part 1

Format	Color
Hex	C0D6B7
RGB	192, 214, 183
RGB Percent	75%, 84%, 72%
CMY	0.2471, 0.1608, 0.2824
CMYK	0.10, 0.00, 0.14, 0.16
HSL	103°, 27%, 78%
HSV	103°, 14%, 84%
XYZ	54.3320, 62.7185, 54.0420
YIQ	203.8880, -3.1610, -14.3050

Conversions

Conversions Part 2

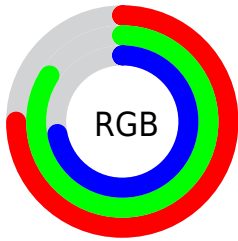
Format	Color
RYB	183, 214, 205
Decimal	12637879
CIELab	83.29, -13.03, 12.85
CIELCh	83, 18.296, 135.405
Yxy	62.7185, 0.3176, 0.3666
Android (android.graphics.Color)	4290827959 (0xFFC0D6B7)
YUV	203.8880, -10.2978, -10.4258
Hunter-Lab	79.1950, -16.1307, 14.9775

Details

The RYB color **183, 214, 205** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **205, 183, 214**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **239, 255, 245**, and **130, 159, 151** is the 20% darker color. If you saturate the color by 10%, you get **162, 214, 199**, and if you desaturate by 10%, it is **204, 214, 211**.

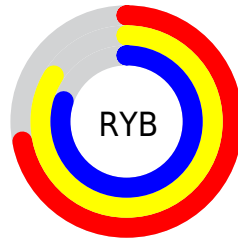
Distribution



Red (75%)

Green (84%)

Blue (72%)



Red (72%)

Yellow (84%)

Blue (80%)

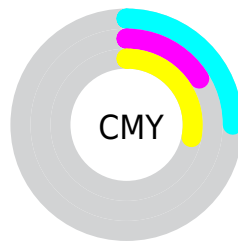


Cyan (10%)

Magenta (0%)

Yellow (14%)

Black (16%)



Cyan (25%)

Magenta (16%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 214, 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 183, 214, 205 by changing the saturation by 10% instead.


 183, 214, 205

255, 255, 255


 239, 255, 245

 183, 214, 205

 156, 186, 177

 130, 159, 151


 105, 133, 125

 81, 108, 101

 58, 84, 78

 36, 60, 54

 15, 38, 32

 0, 19, 19

 0, 0, 0

 183, 214, 205

 183, 214, 205

 162, 214, 199

 204, 214, 211

 140, 214, 192

 222, 214, 226

 119, 214, 187

 238, 214, 247

 97, 214, 180

 253, 214, 255

 76, 214, 174

 255, 214, 255

 55, 214, 168

 33, 214, 161

 12, 214, 155

 0, 214, 152

Harmonies

Analogous

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



177, 212, 174



183, 214, 205



174, 202, 217

Triad

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



183, 214, 205



179, 200, 240



244, 196, 199

Complementary

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



183, 214, 205



205, 183, 214

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, 196, 217



183, 214, 205



200, 205, 240

Square

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



183, 214, 205



165, 194, 231



221, 200, 232



241, 203, 184

Rectangle

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



183, 214, 205



166, 194, 218



221, 200, 232



243, 196, 205

Sweetspot

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



183, 214, 205



245, 255, 252



196, 214, 183



121, 128, 126



0, 0, 0



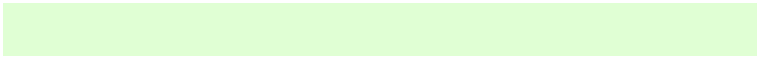
128, 128, 128

Same Dimension

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



183, 214, 205



212, 255, 243



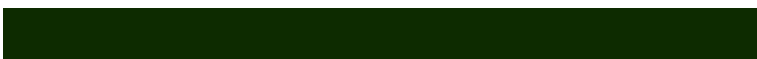
183, 209, 214



96, 107, 104



0, 171, 121



0, 43, 30

Inverse Universe

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



205, 183, 214



242, 212, 255



214, 183, 208



104, 96, 107



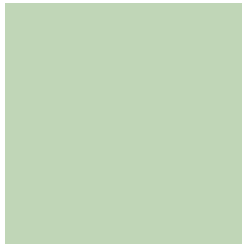
121, 0, 171



31, 0, 43

Previews

White Background



This preview shows how the RYB color 183, 214, 205 looks on a white background.

Color Contrast Check

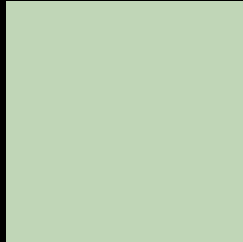
Large Text (above 18pt) WCAG AA × Fail

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 183, 214, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

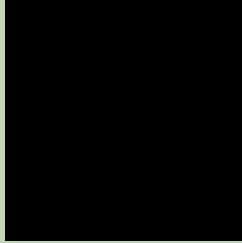
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

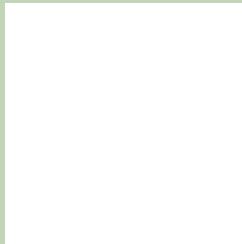
Any Text WCAG AAA ✓ Pass

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

RYB 183, 214, 205 Background



This preview shows how black text looks on a background with the RYB color 183, 214, 205.

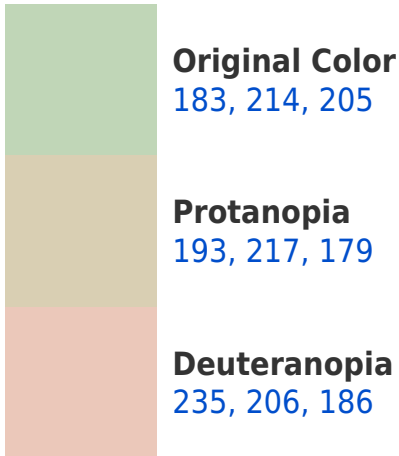


This preview shows how white text looks on a background with the RYB color 183, 214, 205.

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
199, 206, 225

Trichromacy



Original Color
183, 214, 205

Protanomaly
180, 210, 182

Deuteranomaly
209, 219, 185

Tritanomaly
196, 203, 210

Monochromacy



Original Color
183, 214, 205

Achromatopsia
204, 204, 204

Achromatomaly
196, 208, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 214, 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(192, 214, 183) looks like.

```
.text, #text, p{  
    color:rgb(192, 214, 183)  
}
```

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(192, 214, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 214, 183) }
```

Border

The CSS property to change the border of an element to RYB 183, 214, 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(192, 214, 183) }
```

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

```
.border{ border-color:rgb(192, 214, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 214, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 214, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 214, 183);  
box-shadow:4px 4px 4px 4px rgb(192, 214,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 183, 214, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 214, 183) }
```

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

```
.background{ background-color: rgb(192,  
214, 183) }
```

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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