

Converting Colors

`RYB(184, 205, 190)`

Have a look what the booklet for RYB(184, 205, 190) contains.

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Color

R_YB(184, 205, 190)

Conversions

Conversions Part 1

Format	Color
Hex	C7CDB8
RGB	199, 205, 184
RGB Percent	78%, 80%, 72%
CMY	0.2196, 0.1961, 0.2784
CMYK	0.03, 0.00, 0.10, 0.20
HSL	77°, 17%, 76%
HSV	77°, 10%, 80%
XYZ	54.0362, 59.2654, 53.9388
YIQ	200.8120, 3.1650, -7.8030

Conversions

Conversions Part 2

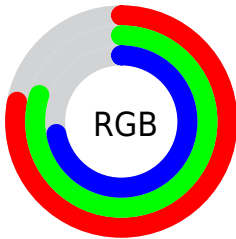
Format	Color
RYB	184, 205, 190
Decimal	13094328
CIELab	81.44, -5.78, 9.75
CIELCh	81, 11.330, 120.672
Yxy	59.2654, 0.3231, 0.3544
Android (android.graphics.Color)	4291284408 (0xFFC7CDB8)
YUV	200.8120, -8.2883, -1.5891
Hunter-Lab	76.9841, -9.4303, 12.3474

Details

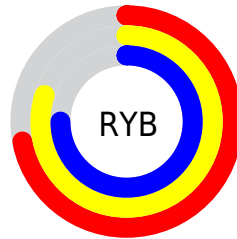
The RYB color **184, 205, 190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 184, 205**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **240, 255, 240**, and **131, 151, 137** is the 20% darker color. If you saturate the color by 10%, you get **163, 205, 175**, and if you desaturate by 10%, it is **205, 205, 205**.

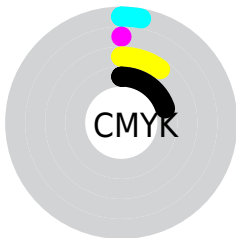
Distribution



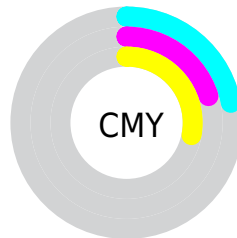
- Red (78%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (80%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 205, 190 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 184, 205, 190 by changing the saturation by 10% instead.

 184, 205, 190

255, 255, 255


 240, 255, 240

 184, 205, 190

 157, 178, 163

 131, 151, 137

 106, 125, 112

 82, 100, 87

 59, 76, 64

 37, 53, 42

 16, 32, 21

 0, 10, 10

 0, 0, 0

 184, 205, 190

 184, 205, 190

 163, 205, 175

 205, 205, 205

 143, 205, 161

 211, 205, 225

 122, 205, 146

 217, 205, 246

 102, 205, 131

 222, 205, 255

 81, 205, 116

 228, 205, 255

 61, 205, 102

 234, 205, 255

 40, 205, 87

 240, 205, 255

 20, 205, 73

 246, 205, 255

 0, 205, 59

 252, 205, 255

Harmonies

Analogous

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



194, 211, 181



184, 205, 190



187, 204, 208

Triad

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



184, 205, 190



181, 196, 220



224, 195, 202

Complementary

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



184, 205, 190



190, 184, 205

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.



217, 197, 213



184, 205, 190



192, 200, 223

Square

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



184, 205, 190



176, 193, 213



205, 200, 221



225, 197, 192

Rectangle

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



184, 205, 190



181, 198, 209



205, 200, 221



222, 195, 206

Sweetspot

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



184, 205, 190



247, 255, 249



205, 192, 184



122, 128, 124



0, 0, 0



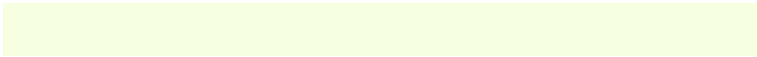
128, 128, 128

Same Dimension

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



184, 205, 190



224, 255, 233



184, 205, 200



92, 102, 95



0, 166, 48



0, 38, 11

Inverse Universe

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



190, 184, 205



233, 224, 255



200, 184, 205



95, 92, 102



47, 0, 166



11, 0, 38

Previews

White Background



This preview shows how the RYB color 184, 205, 190 looks on a white background.

Color Contrast Check

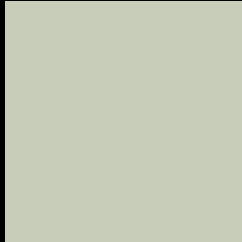
Large Text (above 18pt) WCAG AA × Fail

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 184, 205, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

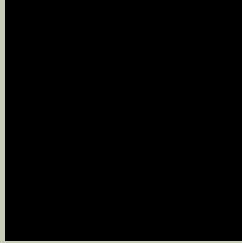
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

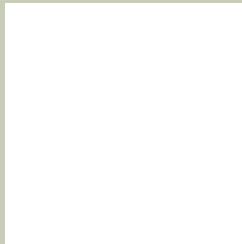
Any Text WCAG AAA ✓ Pass

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

RYB 184, 205, 190 Background



This preview shows how black text looks on a background with the RYB color 184, 205, 190.

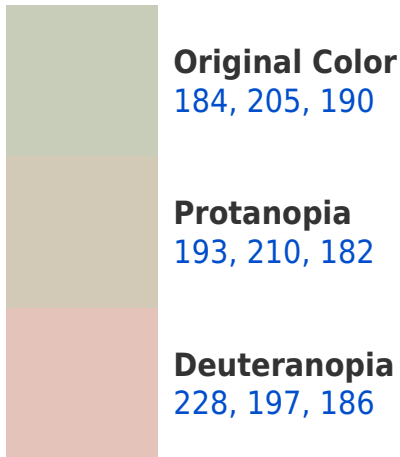


This preview shows how white text looks on a background with the RYB color 184, 205, 190.

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
204, 200, 216

Trichromacy



Original Color
184, 205, 190

Protanomaly
186, 206, 183

Deuteranomaly
217, 210, 185

Tritanomaly
202, 202, 204

Monochromacy



Original Color
184, 205, 190

Achromatopsia
201, 201, 201

Achromatomaly
195, 202, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 205, 190 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(199, 205, 184) looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 184)  
}
```

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(199, 205, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 184) }
```

Border

The CSS property to change the border of an element to RYB 184, 205, 190 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(199, 205, 184) }
```

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

```
.border{ border-color:rgb(199, 205, 184) }
```

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

Here you see how a box with a 4 pixel rgb(199, 205, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 205, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 205, 184);  
box-shadow:4px 4px 4px 4px rgb(199, 205,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 184, 205, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 184) }
```

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

```
.background{ background-color: rgb(199,  
205, 184) }
```

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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