

Converting Colors

`RYB(180, 210, 191)`

Have a look what the booklet for
RYB(180, 210, 191) contains.

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Color

R_YB(180, 210, 191)

Conversions

Conversions Part 1

Format	Color
Hex	C7D2B4
RGB	199, 210, 180
RGB Percent	78%, 82%, 71%
CMY	0.2196, 0.1765, 0.2941
CMYK	0.05, 0.00, 0.14, 0.18
HSL	82°, 25%, 76%
HSV	82°, 14%, 82%
XYZ	54.8380, 61.5306, 52.1663
YIQ	203.2910, 3.0740, -11.6620

Conversions

Conversions Part 2

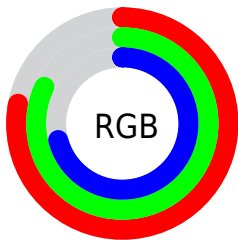
Format	Color
RYB	180, 210, 191
Decimal	13095604
CIELab	82.66, -9.03, 13.61
CIELCh	83, 16.332, 123.547
Yxy	61.5306, 0.3254, 0.3651
Android (android.graphics.Color)	4291285684 (0xFFC7D2B4)
YUV	203.2910, -11.4825, -3.7632
Hunter-Lab	78.4414, -12.4841, 15.4791

Details

The RYB color **180, 210, 191** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **191, 180, 210**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **236, 255, 236**, and **127, 156, 138** is the 20% darker color. If you saturate the color by 10%, you get **159, 210, 178**, and if you desaturate by 10%, it is **201, 210, 204**.

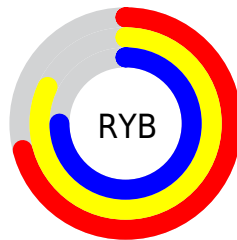
Distribution



Red (78%)

Green (82%)

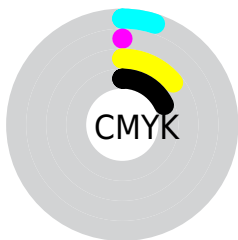
Blue (71%)



Red (71%)

Yellow (82%)

Blue (75%)

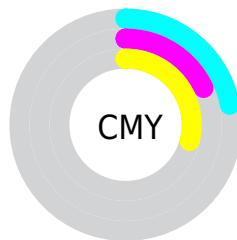


Cyan (5%)

Magenta (0%)

Yellow (14%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 210, 191 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 180, 210, 191 by changing the saturation by 10% instead.

 180, 210, 191


255, 255, 255

 236, 255, 236

 180, 210, 191

 153, 182, 163

 127, 156, 138

 102, 130, 113

 78, 104, 88

 55, 80, 64

 33, 57, 42

 12, 36, 21


 0, 15, 15

 0, 0, 0

 180, 210, 191

 180, 210, 191

 159, 210, 178

 201, 210, 204

 138, 210, 164

 214, 210, 222

 117, 210, 151

 222, 210, 243

 96, 210, 138

 230, 210, 255

 75, 210, 125

 237, 210, 255

 54, 210, 111

 245, 210, 255

 33, 210, 98

 253, 210, 255

 12, 210, 85

 255, 210, 255

 0, 210, 77

Harmonies

Analogous

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



190, 216, 175



180, 210, 191



182, 205, 213

Triad

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



180, 210, 191



174, 197, 233



237, 195, 204

Complementary

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



180, 210, 191



191, 180, 210

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.



228, 197, 220



180, 210, 191



191, 202, 236

Square

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



180, 210, 191



166, 192, 222



211, 201, 231



238, 197, 189

Rectangle

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



180, 210, 191



173, 198, 215



211, 201, 231



235, 196, 210

Sweetspot

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



180, 210, 191



245, 255, 249



210, 197, 180



121, 128, 124



0, 0, 0



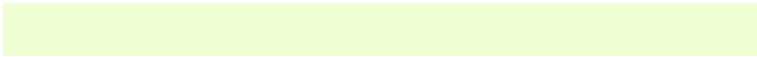
128, 128, 128

Same Dimension

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



180, 210, 191



212, 255, 228



180, 210, 206



94, 105, 98



0, 168, 61



0, 41, 15

Inverse Universe

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



191, 180, 210



228, 212, 255



206, 180, 210



98, 94, 105



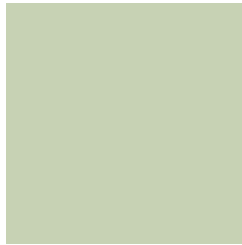
62, 0, 168



15, 0, 41

Previews

White Background



This preview shows how the RYB color 180, 210, 191 looks on a white background.

Color Contrast Check

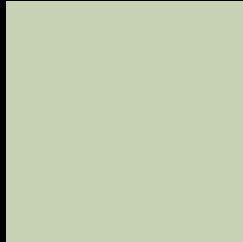
Large Text (above 18pt) WCAG AA × Fail

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 180, 210, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

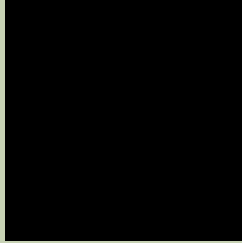
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

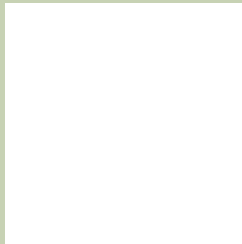
Any Text WCAG AAA ✓ Pass

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

RYB 180, 210, 191 Background



This preview shows how black text looks on a background with the RYB color 180, 210, 191.

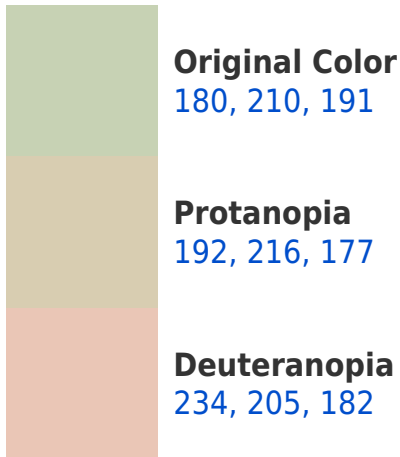


This preview shows how white text looks on a background with the RYB color 180, 210, 191.

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
205, 204, 220

Trichromacy



Original Color
180, 210, 191

Protanomaly
181, 210, 178

Deuteranomaly
217, 221, 181

Tritanomaly
203, 205, 206

Monochromacy



Original Color
180, 210, 191

Achromatopsia
203, 203, 203

Achromatomaly
195, 206, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 210, 191 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, 210, 180)` looks like.

```
.text, #text, p{  
    color:rgb(199, 210, 180)  
}
```

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, 210, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 210, 180) }
```

Border

The CSS property to change the border of an element to RYB 180, 210, 191 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, 210, 180) }
```

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

```
.border{ border-color:rgb(199, 210, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 210, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 210, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 210, 180);  
box-shadow:4px 4px 4px 4px rgb(199, 210,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 180, 210, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 210, 180) }
```

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

```
.background{ background-color: rgb(199,  
210, 180) }
```

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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